Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051821\
Data File : PQ053589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2021 19:18
Operator : DD\AJ
Sample : M2422-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 17:02:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 14 03:47:40 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	5.217	4.234	322.6E6	149.7E6	11.173	11.617	
2)	SA Decachlor...	11.401	9.568	290.5E6	144.7E6	9.727	10.192	
	Target Compounds							
3)	L1 AR-1016-1	6.560	5.519f	9048258	1650759	9.138	3.627	#
4)	L1 AR-1016-2	6.560	5.519	9048258	1650759	5.877	2.436	#
5)	L1 AR-1016-3	6.638	0.000	451395	0	0.493	N.D.	#
6)	L1 AR-1016-4	6.752	5.767	79141720	52044839	107.393	183.987	#
7)	L1 AR-1016-5	7.058	5.989	6505135	11852869	9.018	32.835	#
8)	L2 AR-1221-1	5.477	4.485	101.3E6	6728727	347.326	50.309	#
9)	L2 AR-1221-2	5.576	4.565f	20204828	41514512	95.128	413.898	#
10)	L2 AR-1221-3	5.670	0.000	55210549	0	79.107	N.D.	#
11)	L3 AR-1232-1	5.670	0.000	55210549	0	107.144	N.D.	#
12)	L3 AR-1232-2	6.239	5.519	164.6E6	1650759	590.984	6.526	#
13)	L3 AR-1232-3	6.560	0.000	9048258	0	15.412	N.D.	#
14)	L3 AR-1232-4	6.752	5.818	79141720	4617036	289.950	41.162	#
15)	L3 AR-1232-5	6.841	5.989	11922011	11852869	59.947	96.443	#
16)	L4 AR-1242-1	6.560	5.519f	9048258	1650759	12.946	5.143	#
17)	L4 AR-1242-2	6.560	5.519	9048258	1650759	8.352	3.494	#
18)	L4 AR-1242-3	6.638	0.000	451395	0	0.695	N.D.	#
19)	L4 AR-1242-4	6.752	5.818	79141720	4617036	151.164	19.485	#
20)	L4 AR-1242-5	7.553f	6.365	239.9E6	38007853	410.898	119.145	#
21)	L5 AR-1248-1	6.560	5.519f	9048258	1650759	17.387	6.829	#
22)	L5 AR-1248-2	6.841	5.767	11922011	52044839	15.725	150.909	#
23)	L5 AR-1248-3	7.058	5.818f	6505135	4617036	7.575	13.163	#
24)	L5 AR-1248-4	7.491	5.989	44695191	11852869	45.946	27.736	#
25)	L5 AR-1248-5	7.553f	6.414	239.9E6	6223226	245.350	14.674	#
26)	L6 AR-1254-1	7.451	6.365	75923038	38007853	77.991	56.151	#
27)	L6 AR-1254-2	7.681	6.523	75413868	85118450	49.963	136.716	#
28)	L6 AR-1254-3	8.067	6.943	112.3E6	125.5E6	71.893	126.362	#
29)	L6 AR-1254-4	8.358	7.181	46109065	30403100	39.753	48.961	
30)	L6 AR-1254-5	8.811f	7.610	780.2E6	528.6E6	605.947	546.689	
31)	L7 AR-1260-1	8.229	7.080	92630927	97467295	68.014	120.822	#
32)	L7 AR-1260-2	8.493	7.276	293.0E6	431.2E6	170.501	379.861	#
33)	L7 AR-1260-3	8.858	7.431	105.6E6	61028484	87.653	63.973	#
34)	L7 AR-1260-4	9.099	7.913	193.6E6	63958103	151.976	88.021	#
35)	L7 AR-1260-5	9.446	8.160	184.5E6	121.1E6	67.128	63.229	
36)	L8 AR-1262-1	8.858	7.610	105.6E6	528.6E6	61.010	1102.921	#
37)	L8 AR-1262-2	9.446	8.160	184.5E6	121.1E6	60.903	59.138	
38)	L8 AR-1262-3	9.778	8.447	302.4E6	146.1E6	147.188	173.415	
39)	L8 AR-1262-4	9.880	8.512	233.2E6	169.7E6	136.639	119.597	
40)	L8 AR-1262-5	10.594	9.013	192.5E6	56574075	169.099	91.761	#
41)	L9 AR-1268-1	9.778	8.447	302.4E6	146.1E6	86.023	63.042	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051821\
Data File : PQ053589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2021 19:18
Operator : DD\AJ
Sample : M2422-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 17:02:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 14 03:47:40 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	9.880	8.512	233.2E6	169.7E6	69.850	87.267
43)	L9 AR-1268-3	10.123	8.720	162.5E6	75354614	55.444	44.192
44)	L9 AR-1268-4	10.594	9.013	192.5E6	56574075	167.001	88.346 #
45)	L9 AR-1268-5	11.038	9.311	473.5E6	211.3E6	50.662	43.648

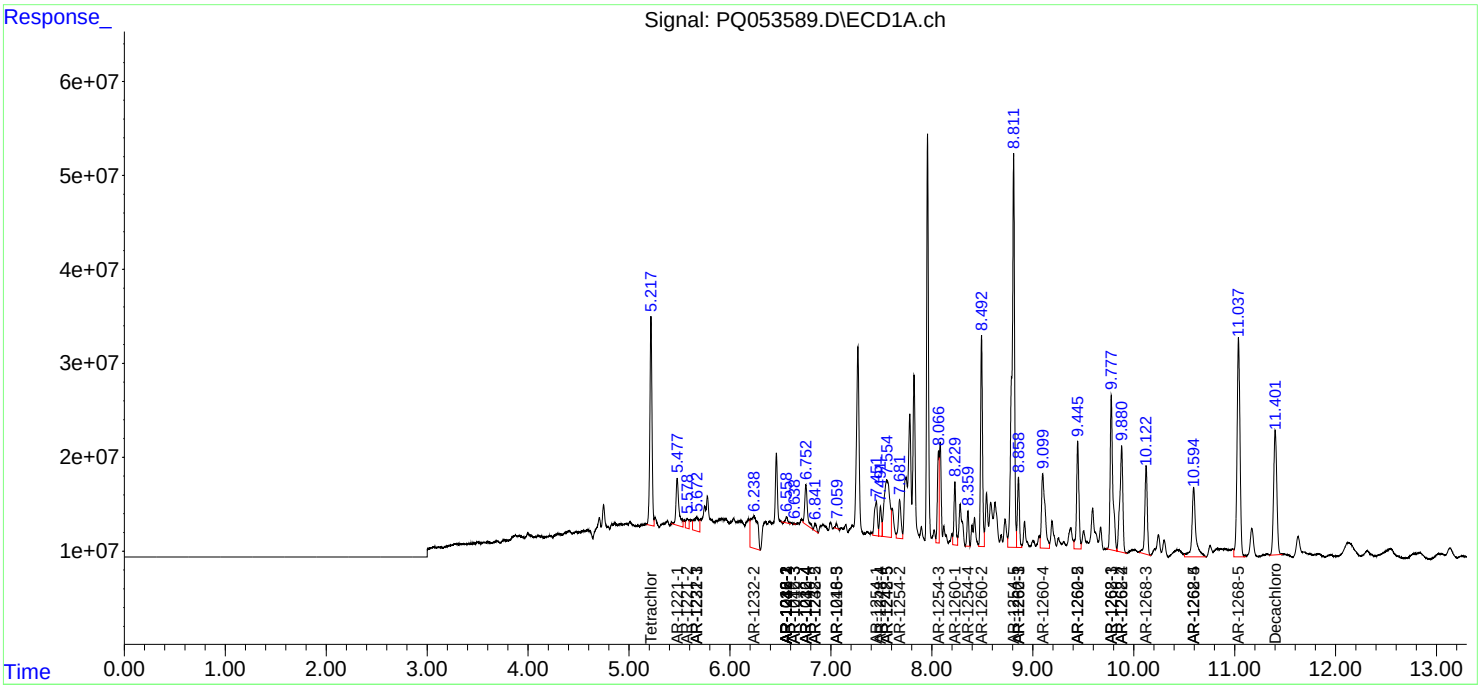
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

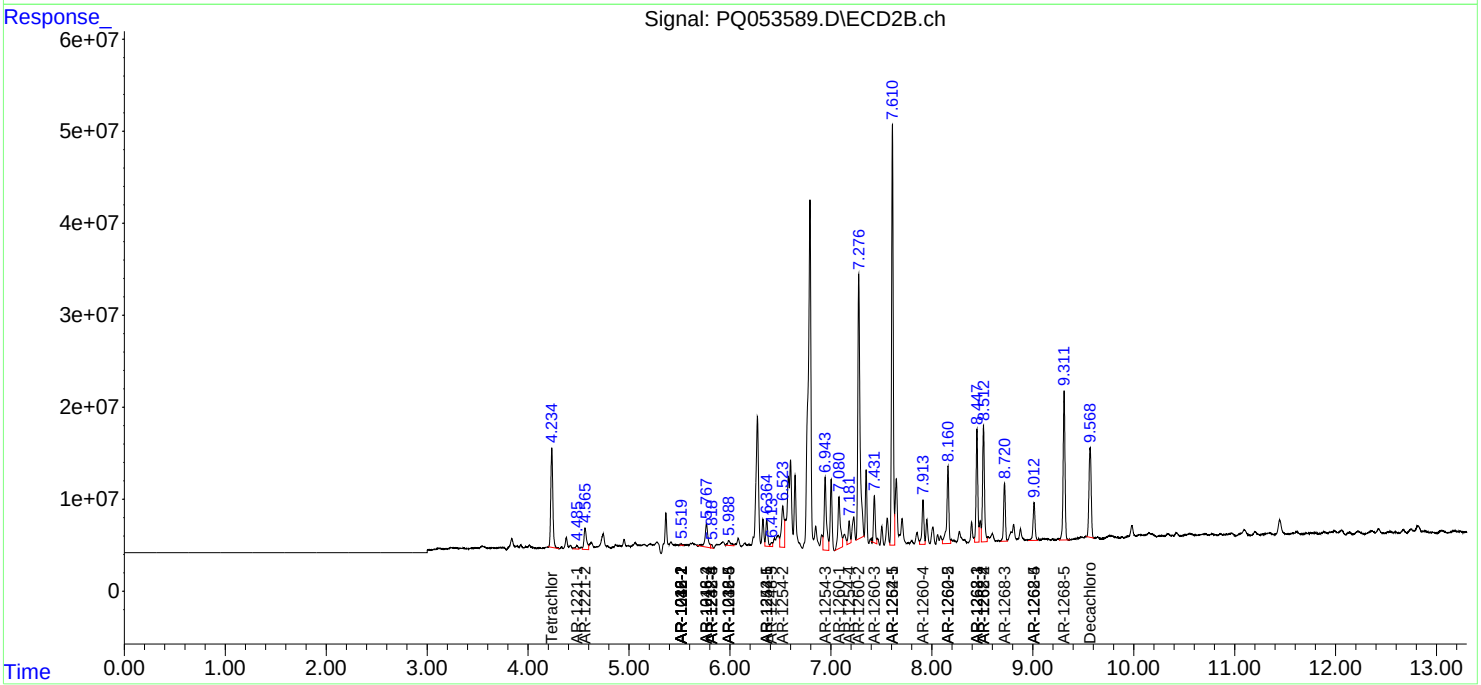
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051821\
Data File : PQ053589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2021 19:18
Operator : DD\AJ
Sample : M2422-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

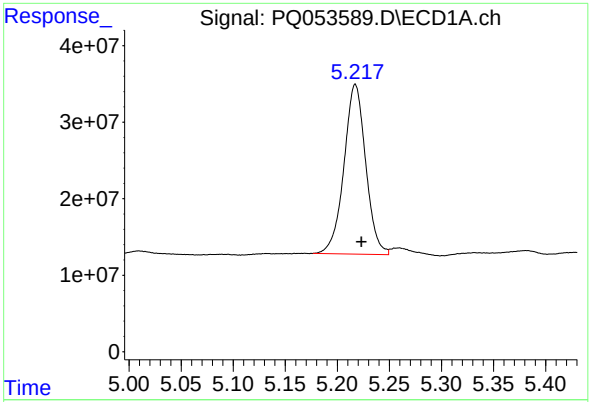
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 17:02:25 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 14 03:47:40 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



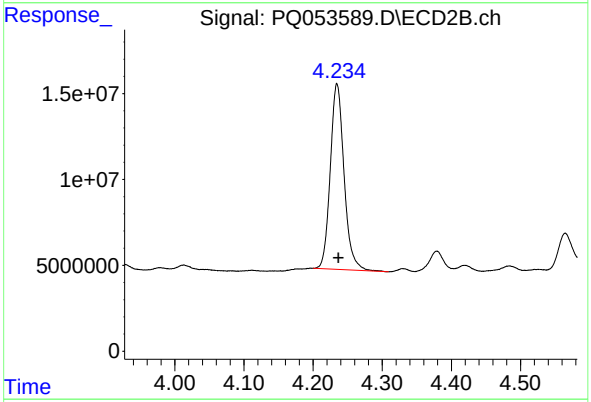




#1 Tetrachloro-m-xylene

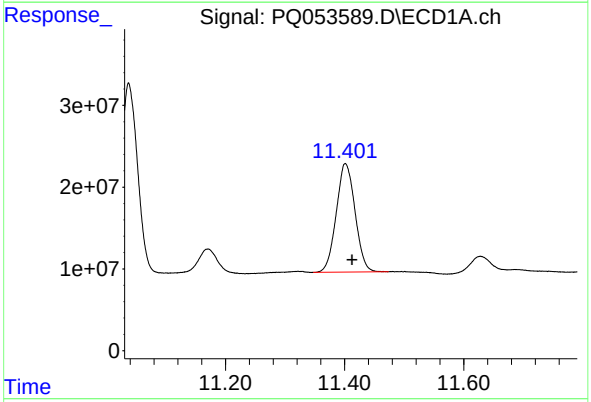
R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 322564177
Conc: 11.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



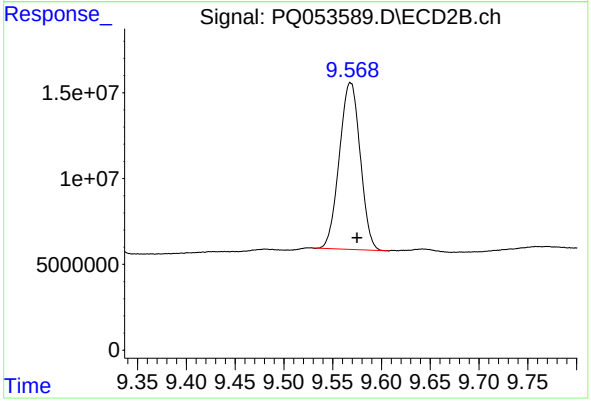
#1 Tetrachloro-m-xylene

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 149677476
Conc: 11.62 ng/ml



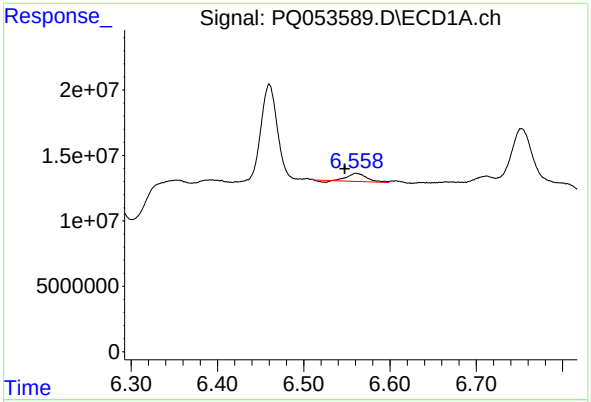
#2 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: -0.011 min
Response: 290511618
Conc: 9.73 ng/ml



#2 Decachlorobiphenyl

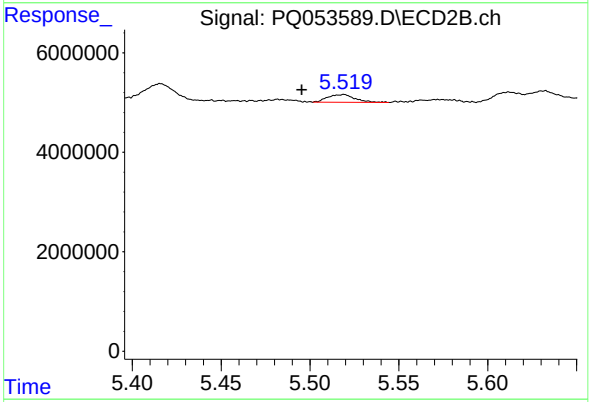
R.T.: 9.568 min
Delta R.T.: -0.007 min
Response: 144701303
Conc: 10.19 ng/ml



#3 AR-1016-1

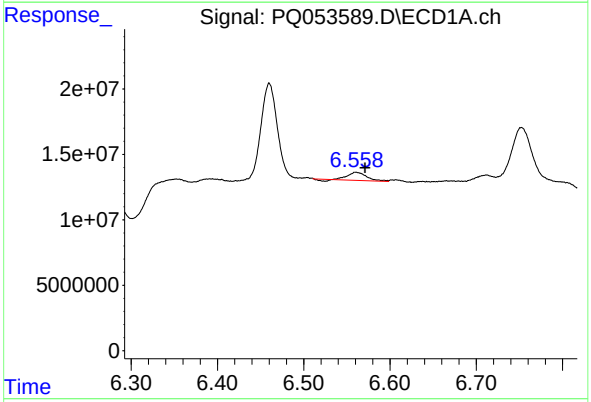
R.T.: 6.560 min
Delta R.T.: 0.013 min
Response: 9048258
Conc: 9.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



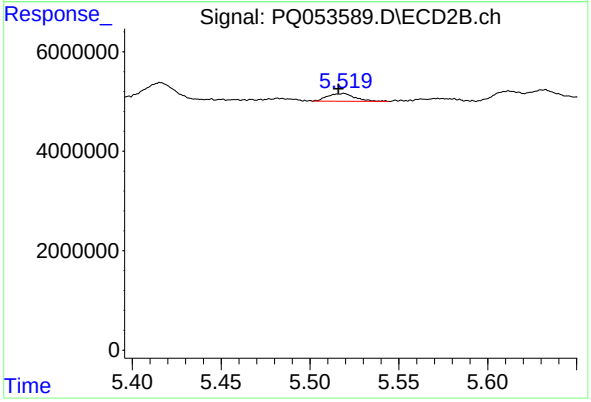
#3 AR-1016-1

R.T.: 5.519 min
Delta R.T.: 0.024 min
Response: 1650759
Conc: 3.63 ng/ml



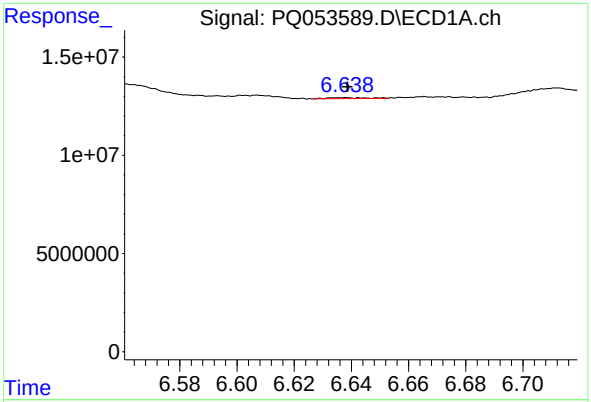
#4 AR-1016-2

R.T.: 6.560 min
Delta R.T.: -0.011 min
Response: 9048258
Conc: 5.88 ng/ml



#4 AR-1016-2

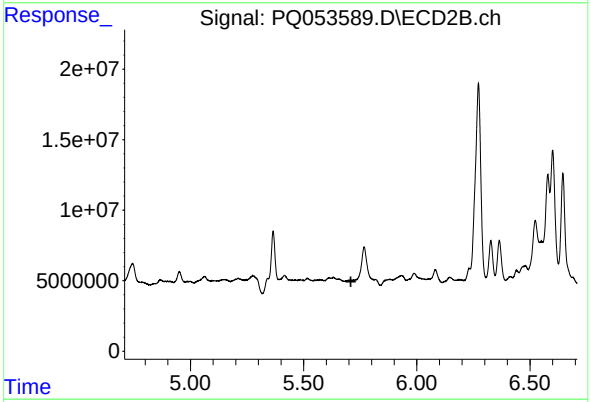
R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 1650759
Conc: 2.44 ng/ml



#5 AR-1016-3

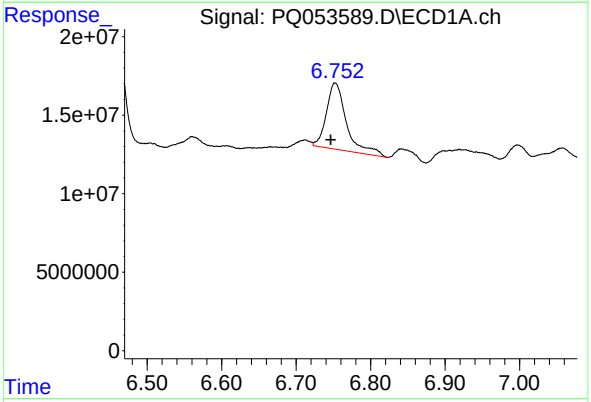
R.T.: 6.638 min
Delta R.T.: -0.001 min
Response: 451395
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



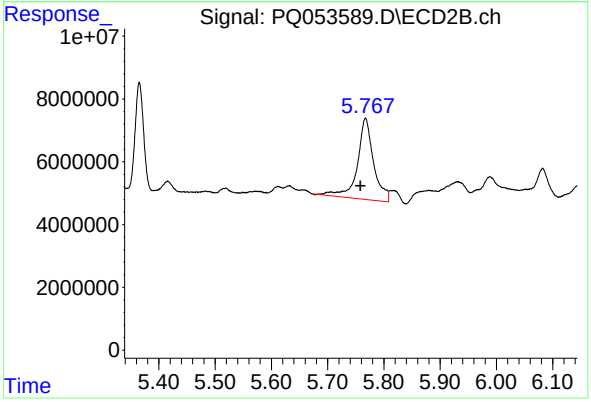
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



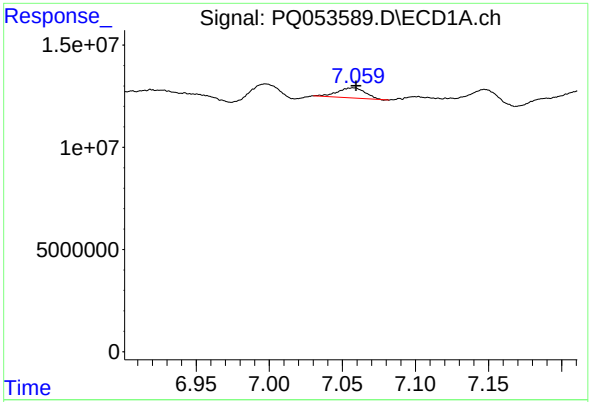
#6 AR-1016-4

R.T.: 6.752 min
Delta R.T.: 0.006 min
Response: 79141720
Conc: 107.39 ng/ml



#6 AR-1016-4

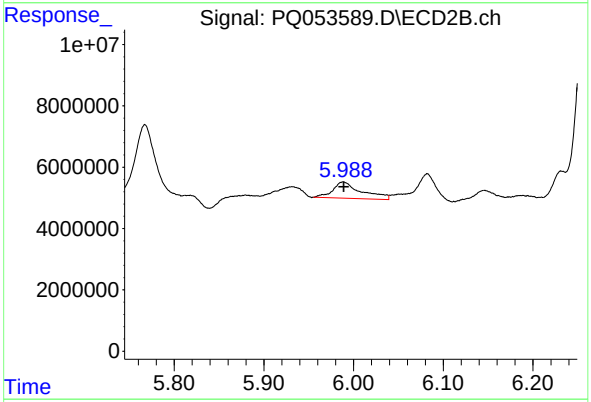
R.T.: 5.767 min
Delta R.T.: 0.009 min
Response: 52044839
Conc: 183.99 ng/ml



#7 AR-1016-5

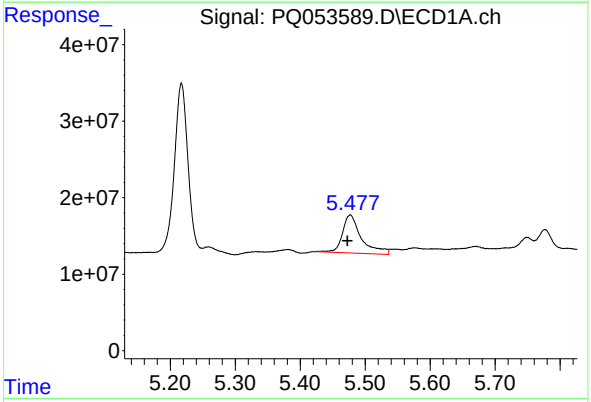
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 6505135
Conc: 9.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



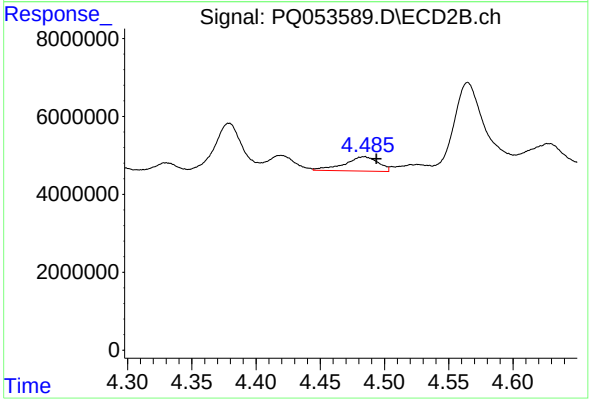
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 11852869
Conc: 32.84 ng/ml



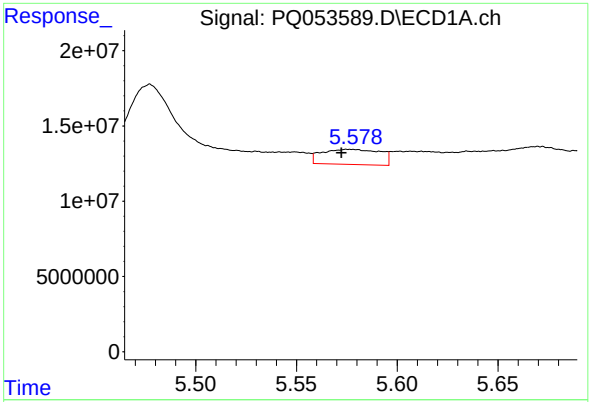
#8 AR-1221-1

R.T.: 5.477 min
Delta R.T.: 0.005 min
Response: 101335860
Conc: 347.33 ng/ml



#8 AR-1221-1

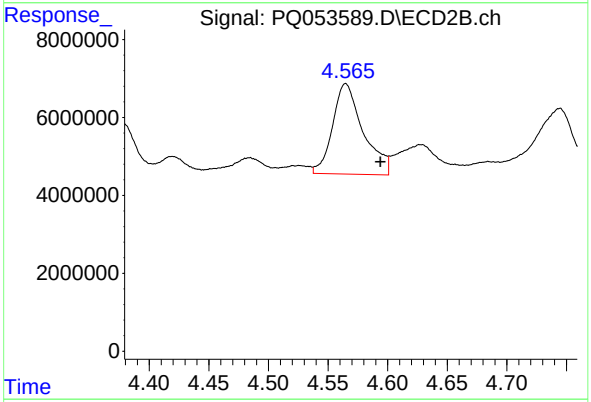
R.T.: 4.485 min
Delta R.T.: -0.009 min
Response: 6728727
Conc: 50.31 ng/ml



#9 AR-1221-2

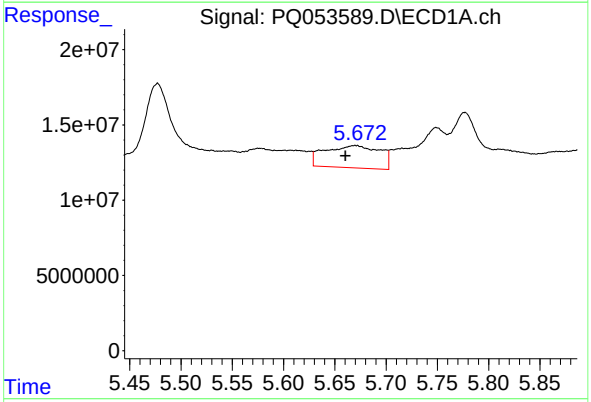
R.T.: 5.576 min
Delta R.T.: 0.004 min
Response: 20204828
Conc: 95.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



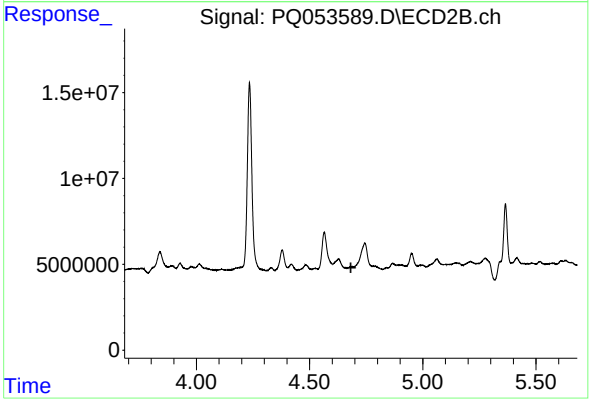
#9 AR-1221-2

R.T.: 4.565 min
Delta R.T.: -0.029 min
Response: 41514512
Conc: 413.90 ng/ml



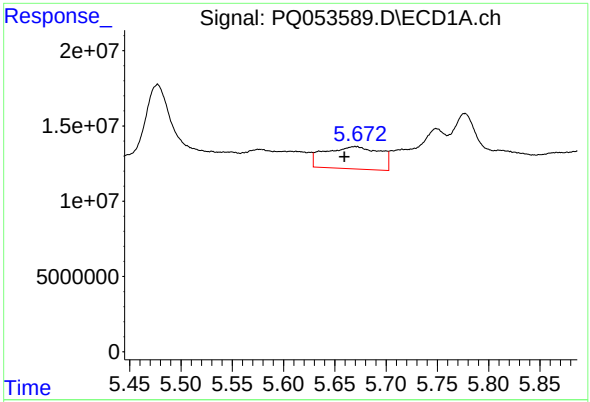
#10 AR-1221-3

R.T.: 5.670 min
Delta R.T.: 0.010 min
Response: 55210549
Conc: 79.11 ng/ml



#10 AR-1221-3

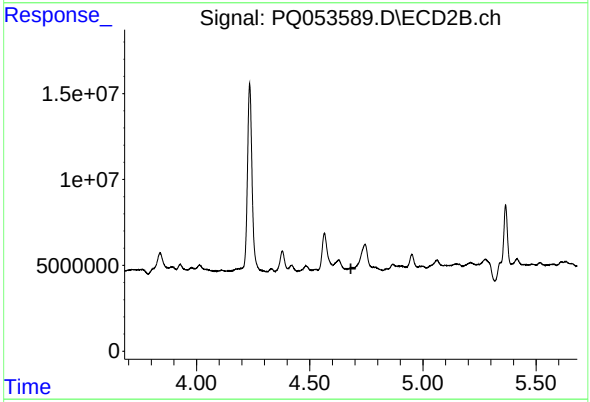
R.T.: 0.000 min
Exp R.T. : 4.683 min
Response: 0
Conc: N.D.



#11 AR-1232-1

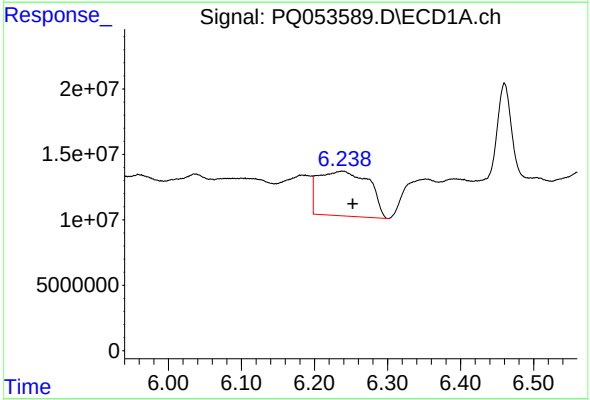
R.T.: 5.670 min
Delta R.T.: 0.011 min
Response: 55210549
Conc: 107.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



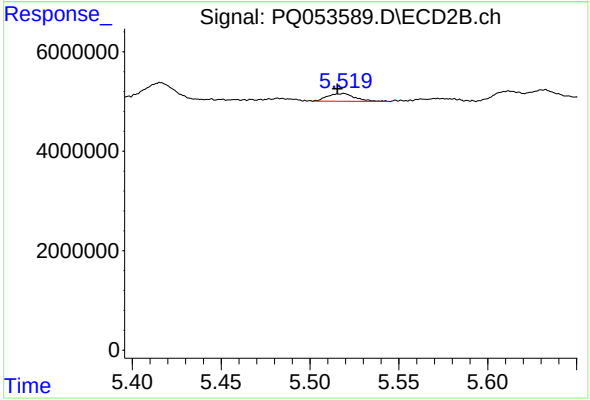
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.682 min
Response: 0
Conc: N.D.



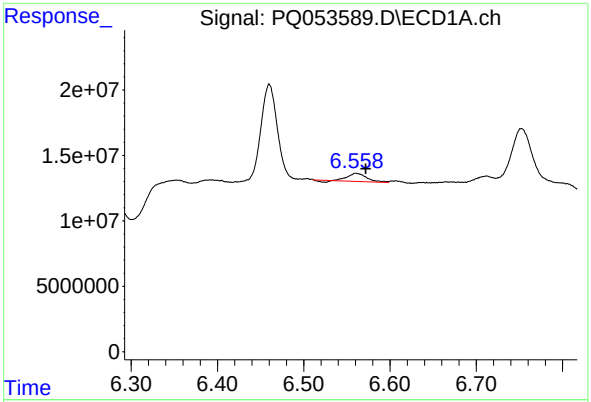
#12 AR-1232-2

R.T.: 6.239 min
Delta R.T.: -0.014 min
Response: 164567000
Conc: 590.98 ng/ml



#12 AR-1232-2

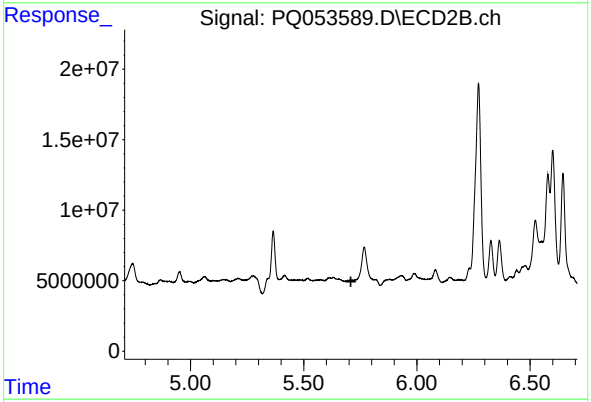
R.T.: 5.519 min
Delta R.T.: 0.004 min
Response: 1650759
Conc: 6.53 ng/ml



#13 AR-1232-3

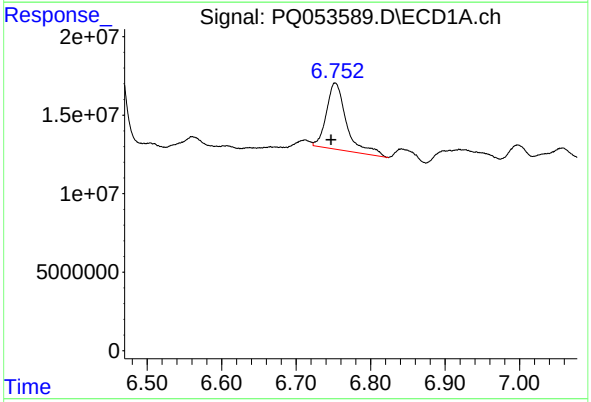
R.T.: 6.560 min
Delta R.T.: -0.011 min
Response: 9048258
Conc: 15.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



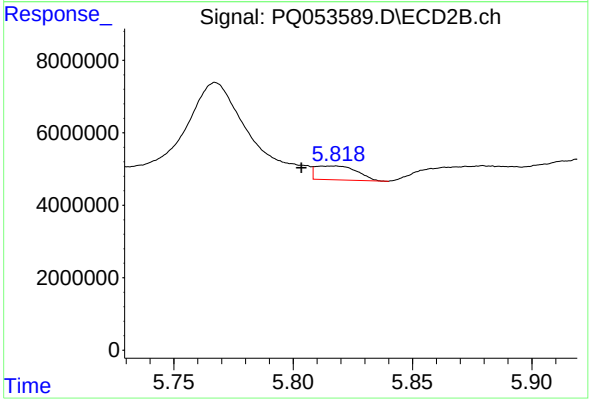
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



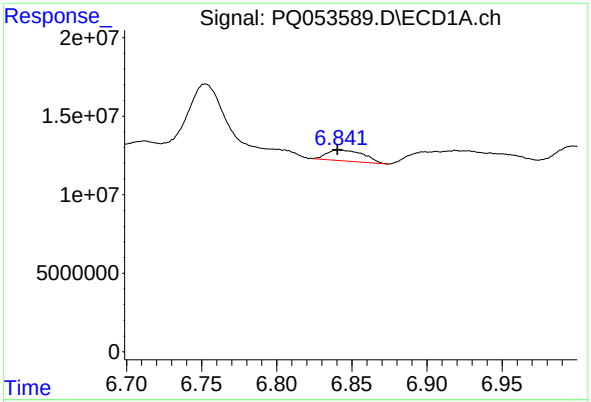
#14 AR-1232-4

R.T.: 6.752 min
Delta R.T.: 0.006 min
Response: 79141720
Conc: 289.95 ng/ml



#14 AR-1232-4

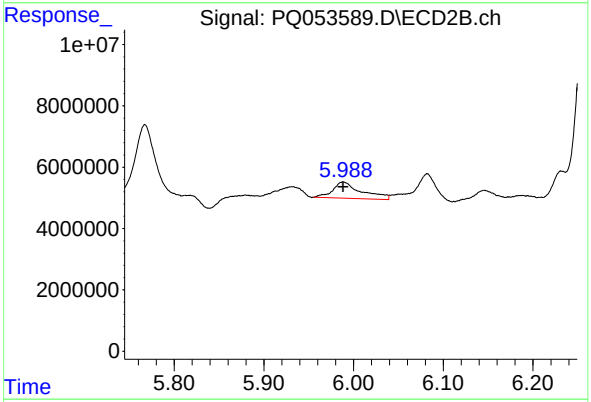
R.T.: 5.818 min
Delta R.T.: 0.015 min
Response: 4617036
Conc: 41.16 ng/ml



#15 AR-1232-5

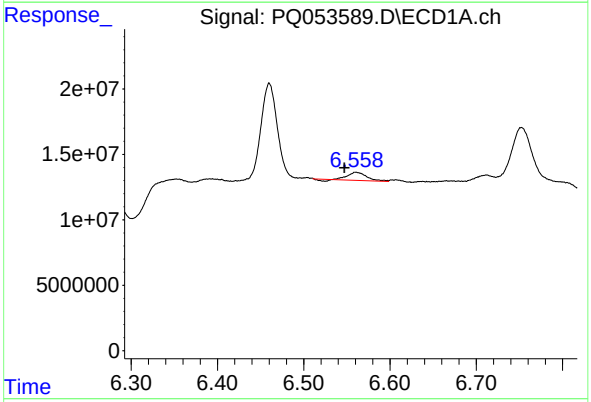
R.T.: 6.841 min
Delta R.T.: 0.001 min
Response: 11922011
Conc: 59.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



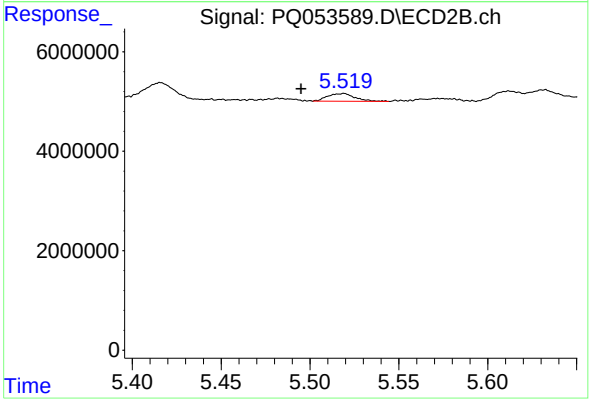
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 11852869
Conc: 96.44 ng/ml



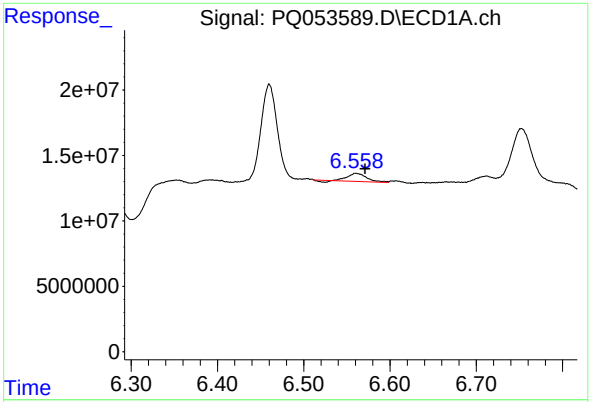
#16 AR-1242-1

R.T.: 6.560 min
Delta R.T.: 0.013 min
Response: 9048258
Conc: 12.95 ng/ml



#16 AR-1242-1

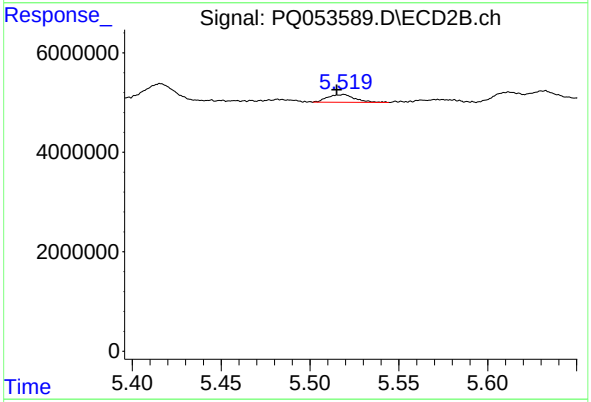
R.T.: 5.519 min
Delta R.T.: 0.024 min
Response: 1650759
Conc: 5.14 ng/ml



#17 AR-1242-2

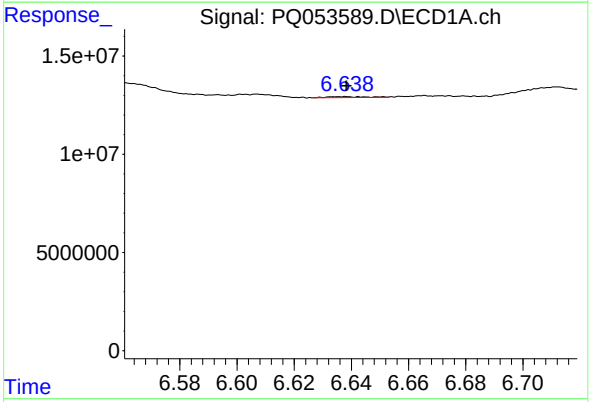
R.T.: 6.560 min
Delta R.T.: -0.011 min
Response: 9048258
Conc: 8.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



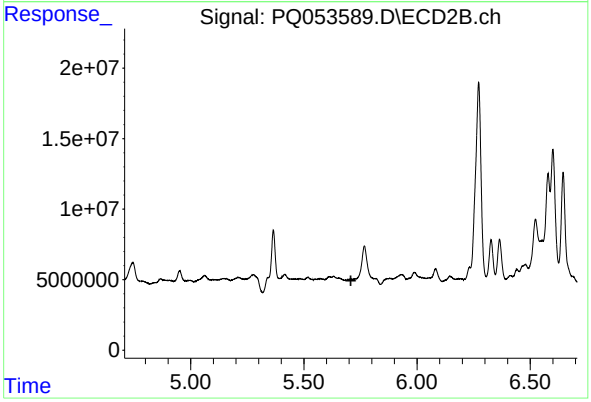
#17 AR-1242-2

R.T.: 5.519 min
Delta R.T.: 0.004 min
Response: 1650759
Conc: 3.49 ng/ml



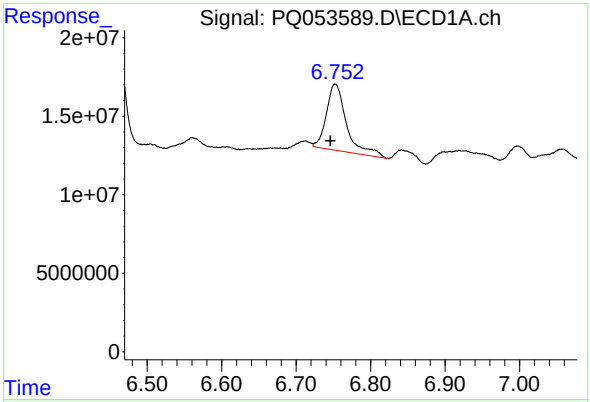
#18 AR-1242-3

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 451395
Conc: 0.70 ng/ml



#18 AR-1242-3

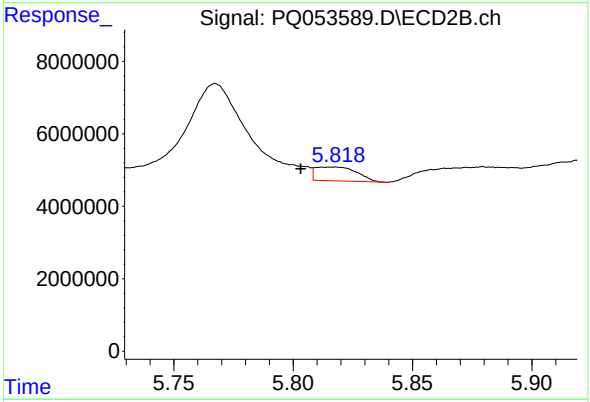
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

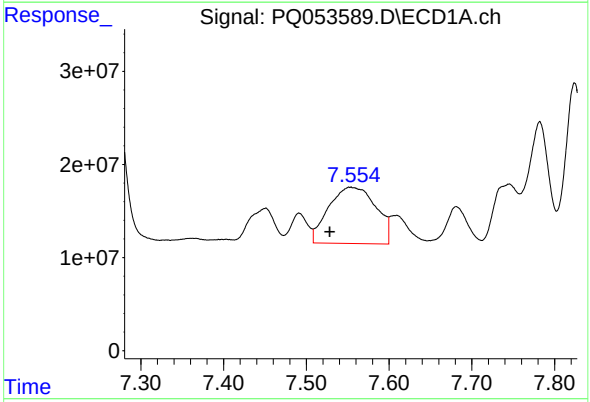
R.T.: 6.752 min
Delta R.T.: 0.006 min
Response: 79141720
Conc: 151.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



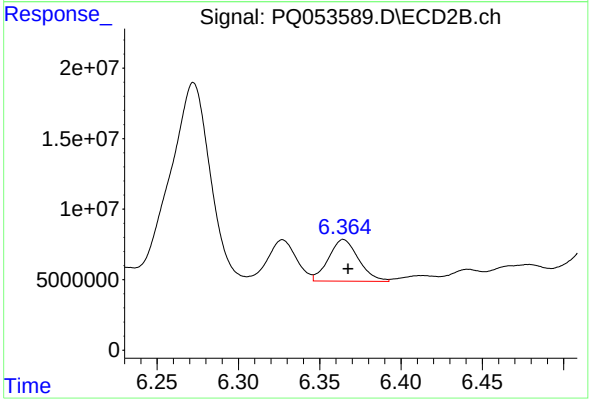
#19 AR-1242-4

R.T.: 5.818 min
Delta R.T.: 0.015 min
Response: 4617036
Conc: 19.48 ng/ml



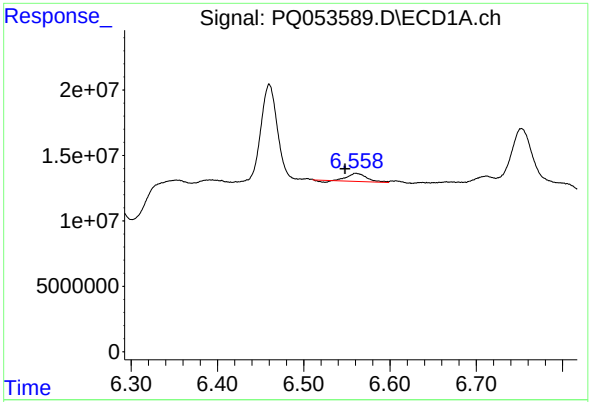
#20 AR-1242-5

R.T.: 7.553 min
Delta R.T.: 0.024 min
Response: 239853496
Conc: 410.90 ng/ml



#20 AR-1242-5

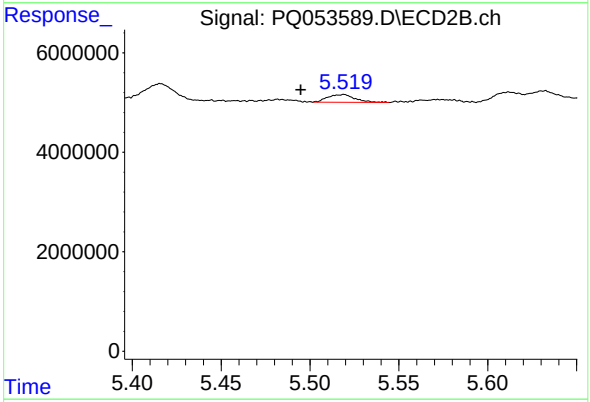
R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 38007853
Conc: 119.15 ng/ml



#21 AR-1248-1

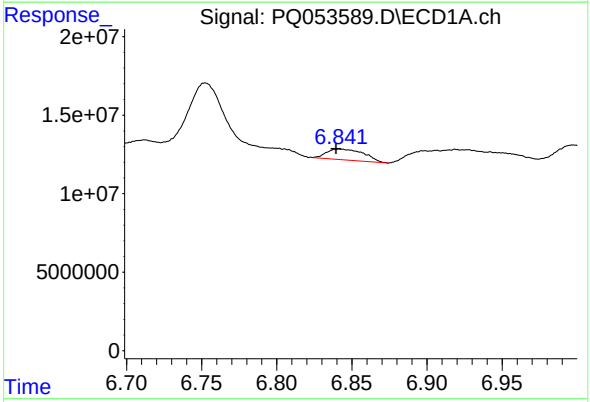
R.T.: 6.560 min
Delta R.T.: 0.012 min
Response: 9048258
Conc: 17.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



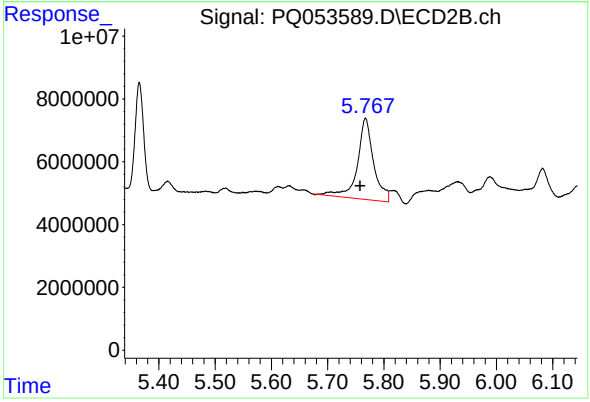
#21 AR-1248-1

R.T.: 5.519 min
Delta R.T.: 0.024 min
Response: 1650759
Conc: 6.83 ng/ml



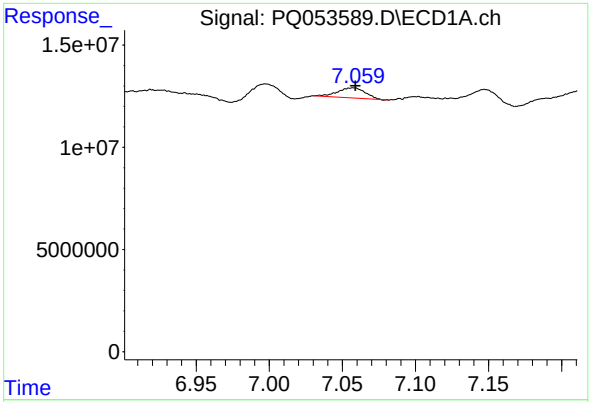
#22 AR-1248-2

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 11922011
Conc: 15.72 ng/ml



#22 AR-1248-2

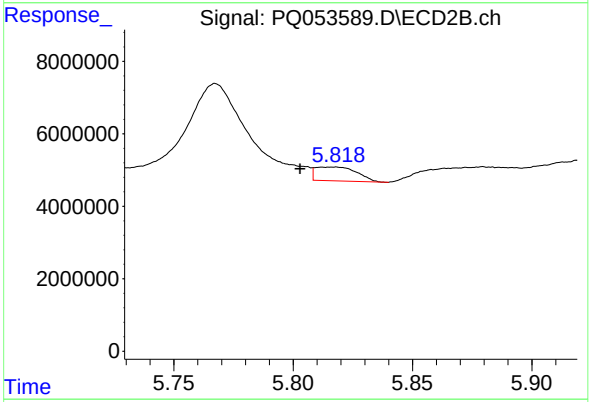
R.T.: 5.767 min
Delta R.T.: 0.010 min
Response: 52044839
Conc: 150.91 ng/ml



#23 AR-1248-3

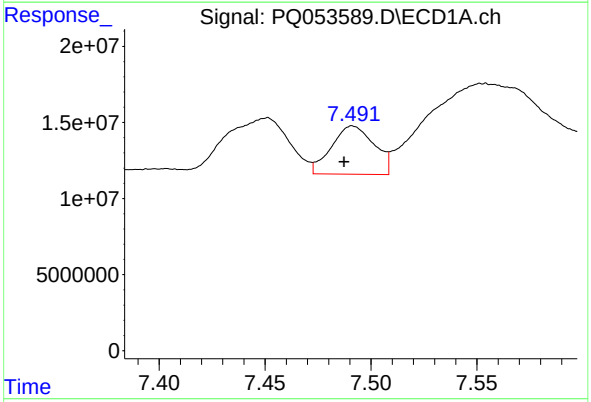
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 6505135
Conc: 7.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



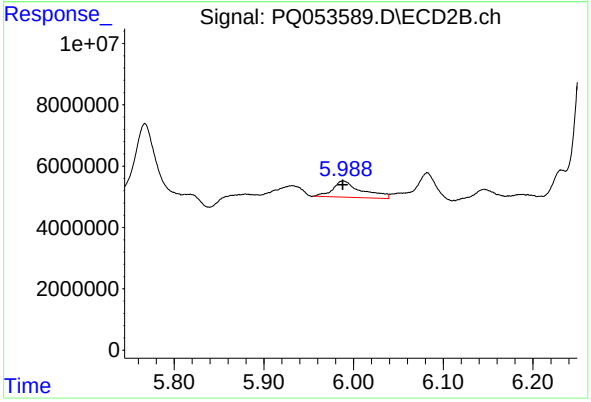
#23 AR-1248-3

R.T.: 5.818 min
Delta R.T.: 0.015 min
Response: 4617036
Conc: 13.16 ng/ml



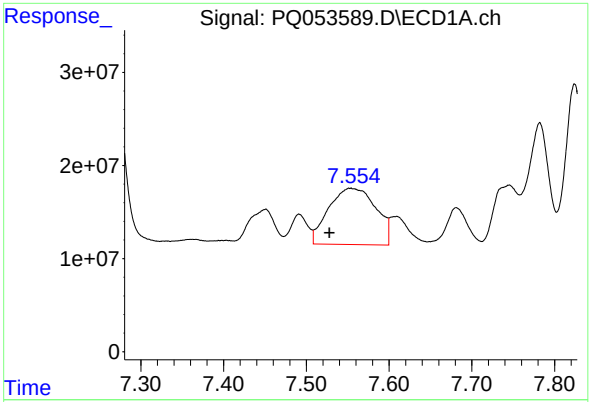
#24 AR-1248-4

R.T.: 7.491 min
Delta R.T.: 0.004 min
Response: 44695191
Conc: 45.95 ng/ml



#24 AR-1248-4

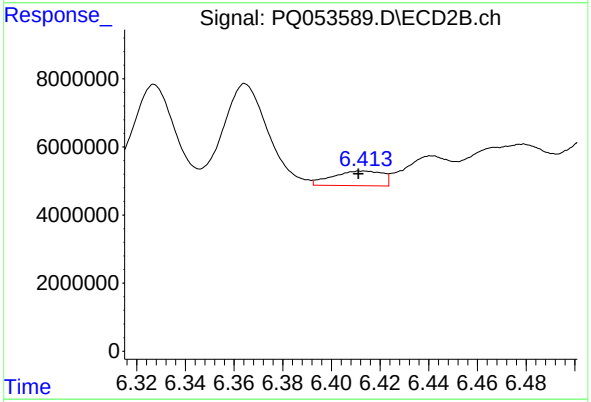
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 11852869
Conc: 27.74 ng/ml



#25 AR-1248-5

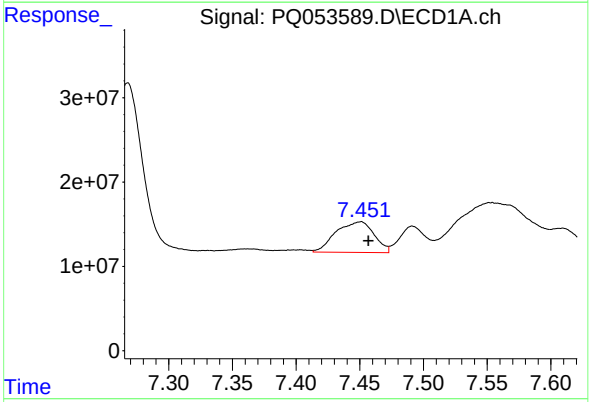
R.T.: 7.553 min
Delta R.T.: 0.025 min
Response: 239853496
Conc: 245.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



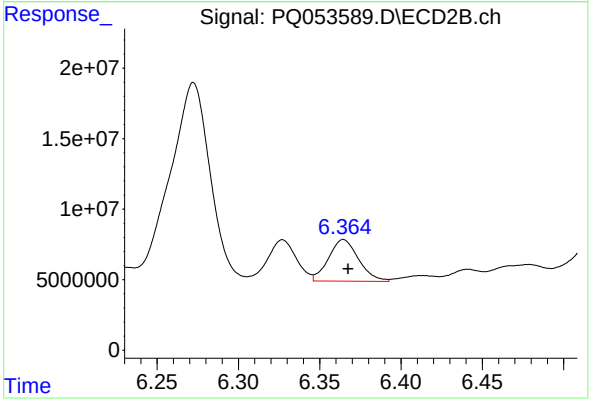
#25 AR-1248-5

R.T.: 6.414 min
Delta R.T.: 0.002 min
Response: 6223226
Conc: 14.67 ng/ml



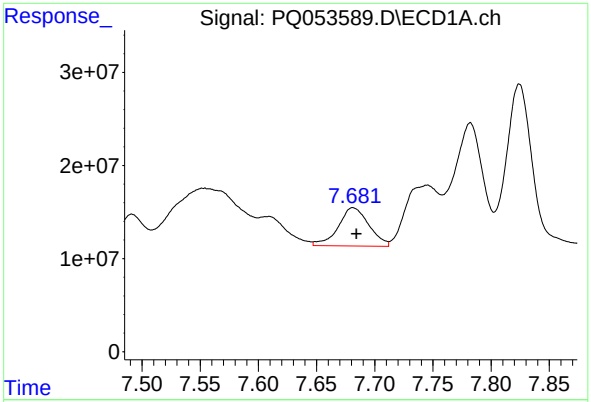
#26 AR-1254-1

R.T.: 7.451 min
Delta R.T.: -0.006 min
Response: 75923038
Conc: 77.99 ng/ml



#26 AR-1254-1

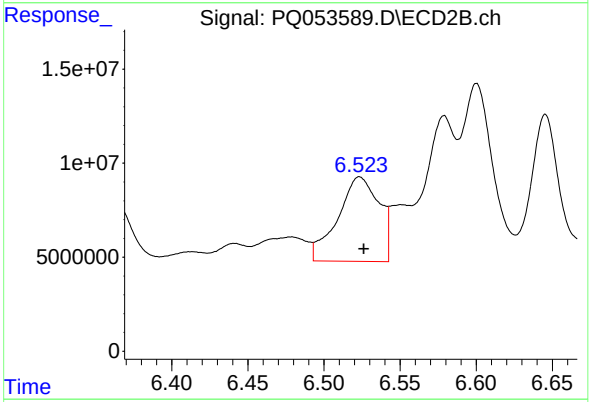
R.T.: 6.365 min
Delta R.T.: -0.003 min
Response: 38007853
Conc: 56.15 ng/ml



#27 AR-1254-2

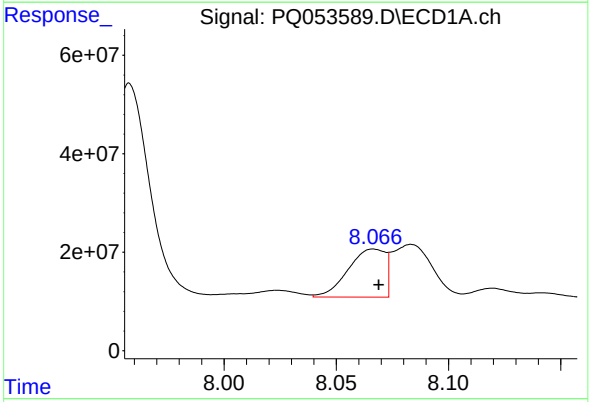
R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 75413868
Conc: 49.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



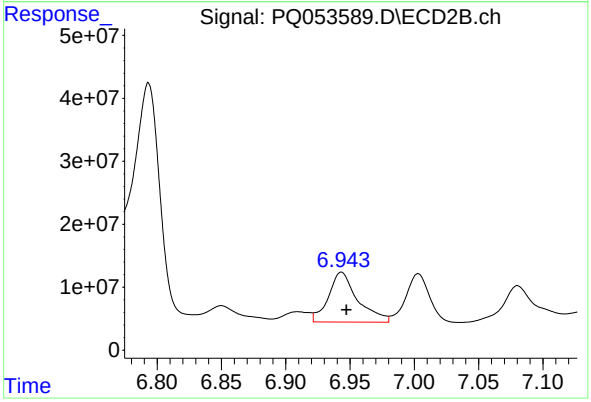
#27 AR-1254-2

R.T.: 6.523 min
Delta R.T.: -0.003 min
Response: 85118450
Conc: 136.72 ng/ml



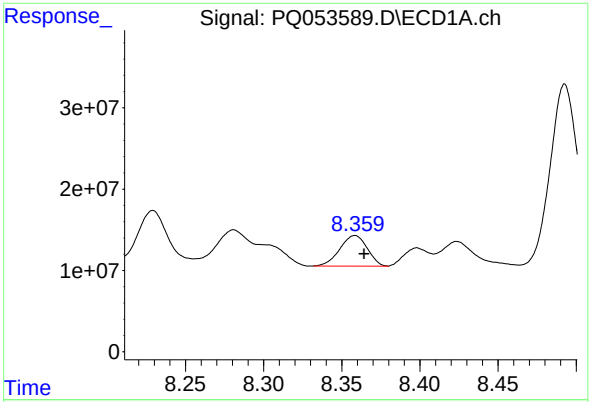
#28 AR-1254-3

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 112343018
Conc: 71.89 ng/ml



#28 AR-1254-3

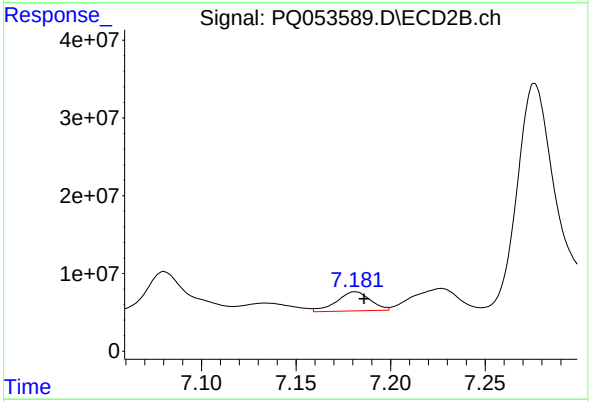
R.T.: 6.943 min
Delta R.T.: -0.004 min
Response: 125459178
Conc: 126.36 ng/ml



#29 AR-1254-4

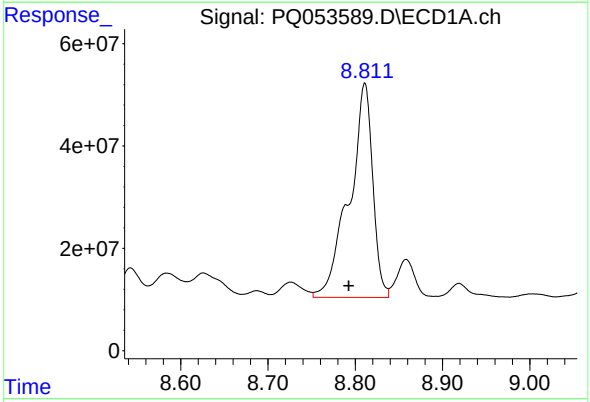
R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 46109065
Conc: 39.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



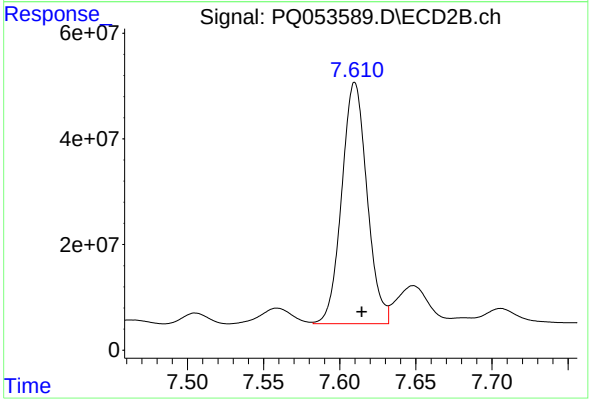
#29 AR-1254-4

R.T.: 7.181 min
Delta R.T.: -0.005 min
Response: 30403100
Conc: 48.96 ng/ml



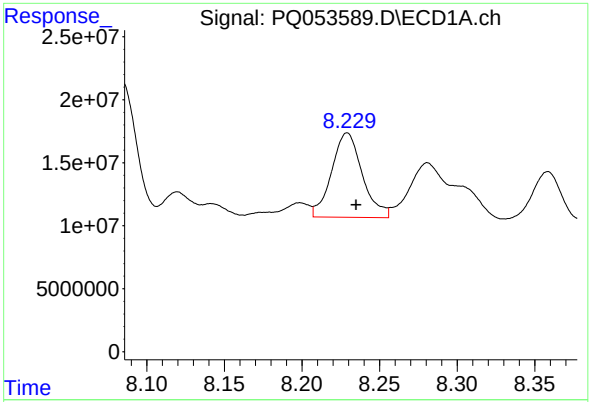
#30 AR-1254-5

R.T.: 8.811 min
Delta R.T.: 0.019 min
Response: 780237456
Conc: 605.95 ng/ml



#30 AR-1254-5

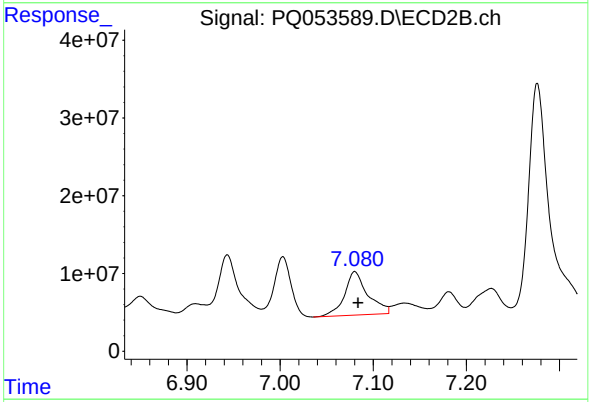
R.T.: 7.610 min
Delta R.T.: -0.005 min
Response: 528641864
Conc: 546.69 ng/ml



#31 AR-1260-1

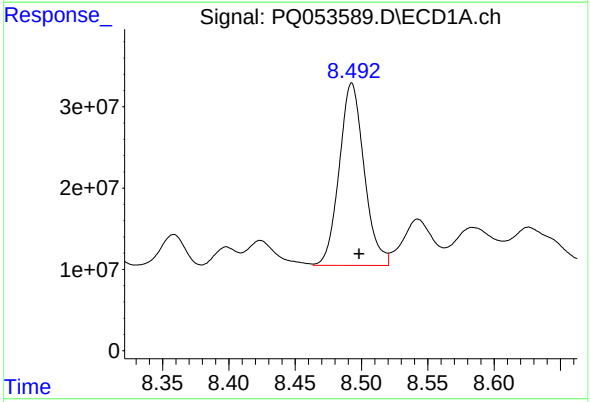
R.T.: 8.229 min
Delta R.T.: -0.006 min
Response: 92630927
Conc: 68.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



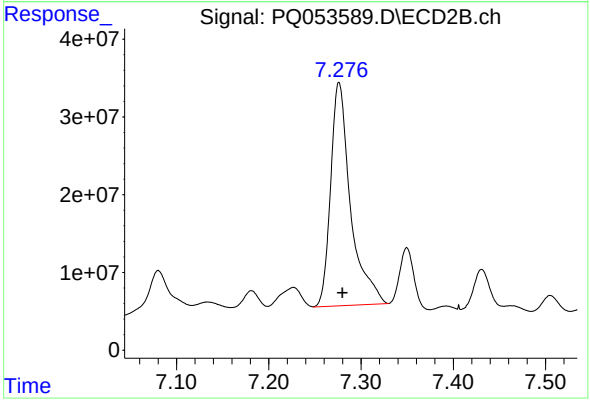
#31 AR-1260-1

R.T.: 7.080 min
Delta R.T.: -0.004 min
Response: 97467295
Conc: 120.82 ng/ml



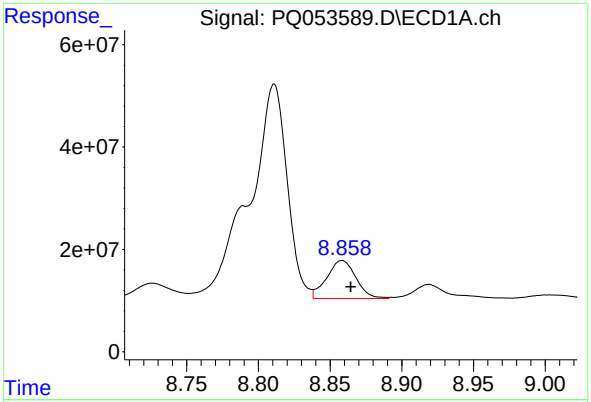
#32 AR-1260-2

R.T.: 8.493 min
Delta R.T.: -0.005 min
Response: 292991170
Conc: 170.50 ng/ml



#32 AR-1260-2

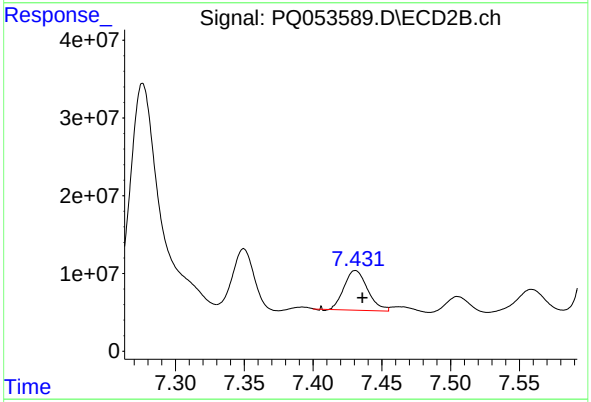
R.T.: 7.276 min
Delta R.T.: -0.004 min
Response: 431236218
Conc: 379.86 ng/ml



#33 AR-1260-3

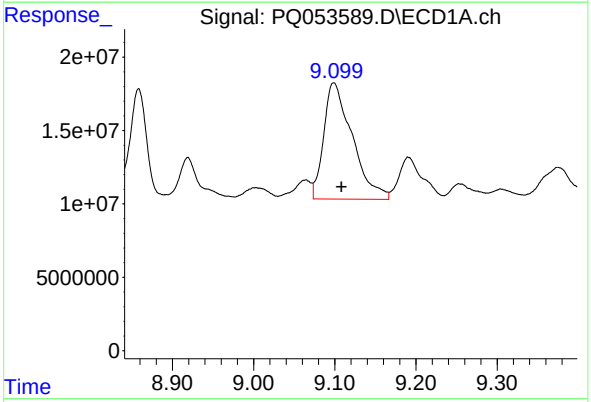
R.T.: 8.858 min
Delta R.T.: -0.006 min
Response: 105641672
Conc: 87.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



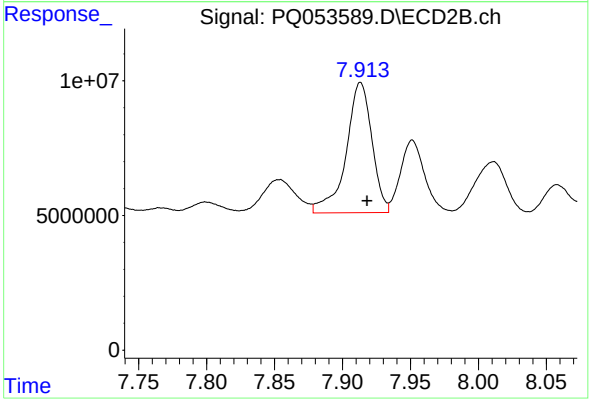
#33 AR-1260-3

R.T.: 7.431 min
Delta R.T.: -0.005 min
Response: 61028484
Conc: 63.97 ng/ml



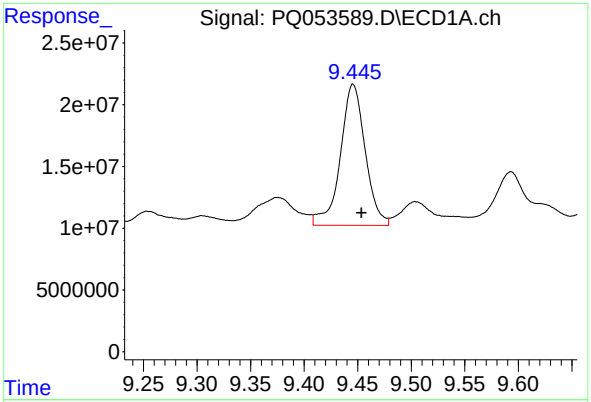
#34 AR-1260-4

R.T.: 9.099 min
Delta R.T.: -0.009 min
Response: 193560864
Conc: 151.98 ng/ml



#34 AR-1260-4

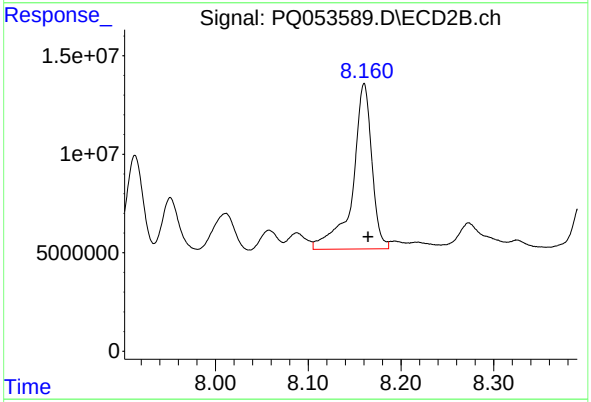
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 63958103
Conc: 88.02 ng/ml



#35 AR-1260-5

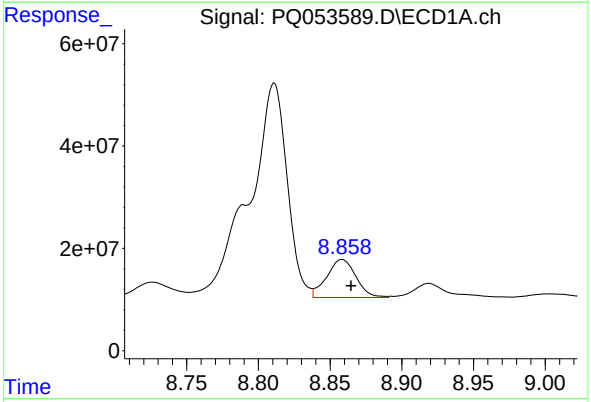
R.T.: 9.446 min
Delta R.T.: -0.008 min
Response: 184514521
Conc: 67.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



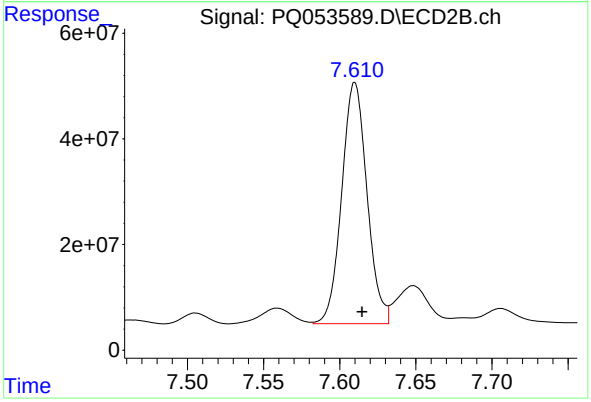
#35 AR-1260-5

R.T.: 8.160 min
Delta R.T.: -0.004 min
Response: 121114949
Conc: 63.23 ng/ml



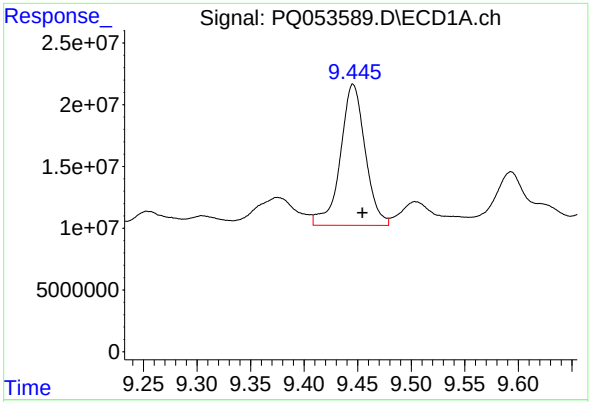
#36 AR-1262-1

R.T.: 8.858 min
Delta R.T.: -0.006 min
Response: 105641672
Conc: 61.01 ng/ml



#36 AR-1262-1

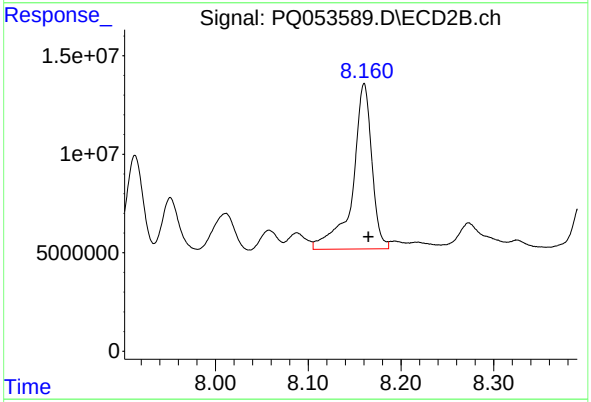
R.T.: 7.610 min
Delta R.T.: -0.005 min
Response: 528641864
Conc: 1102.92 ng/ml



#37 AR-1262-2

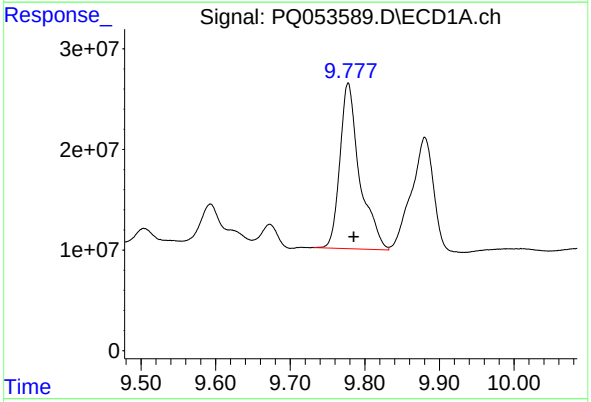
R.T.: 9.446 min
Delta R.T.: -0.009 min
Response: 184514521
Conc: 60.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



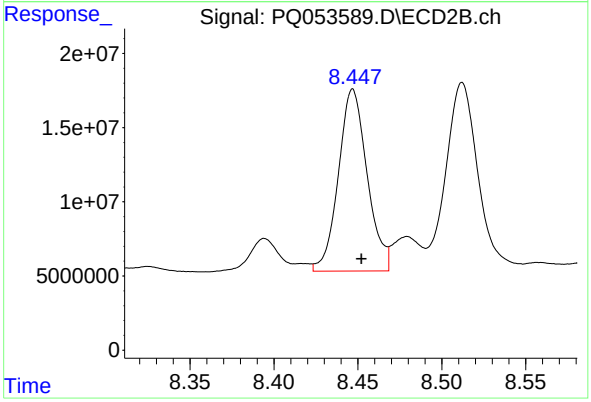
#37 AR-1262-2

R.T.: 8.160 min
Delta R.T.: -0.005 min
Response: 121114949
Conc: 59.14 ng/ml



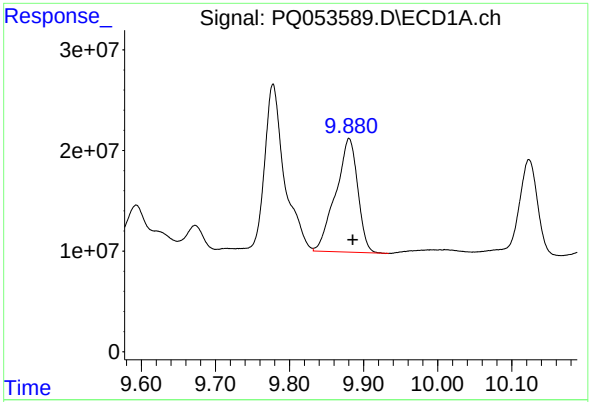
#38 AR-1262-3

R.T.: 9.778 min
Delta R.T.: -0.008 min
Response: 302446286
Conc: 147.19 ng/ml



#38 AR-1262-3

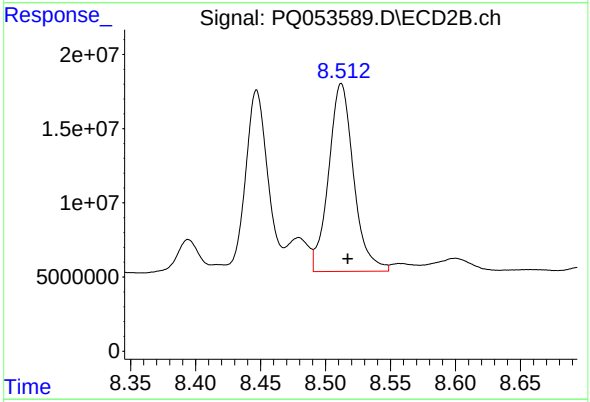
R.T.: 8.447 min
Delta R.T.: -0.005 min
Response: 146065141
Conc: 173.41 ng/ml



#39 AR-1262-4

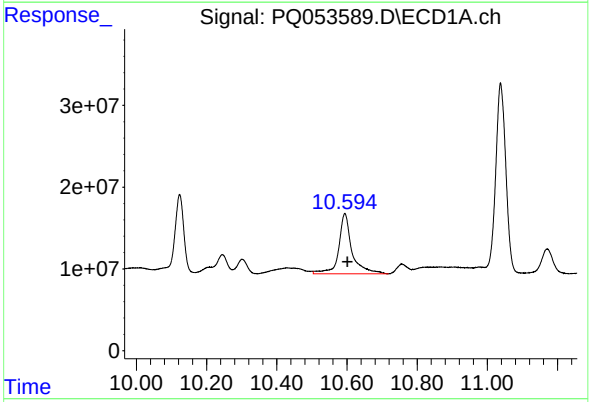
R.T.: 9.880 min
Delta R.T.: -0.005 min
Response: 233237882
Conc: 136.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



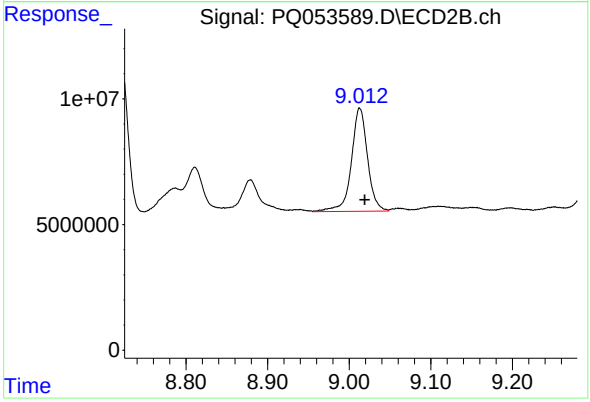
#39 AR-1262-4

R.T.: 8.512 min
Delta R.T.: -0.005 min
Response: 169721641
Conc: 119.60 ng/ml



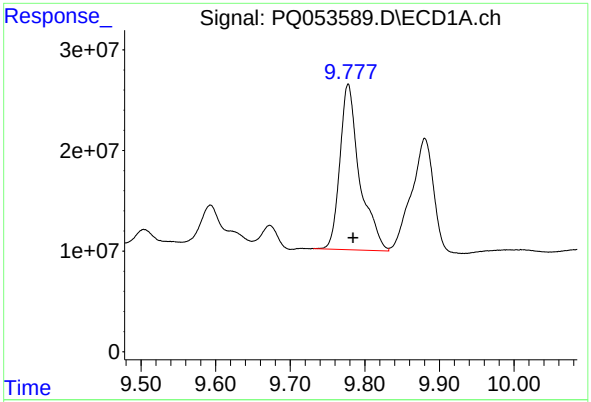
#40 AR-1262-5

R.T.: 10.594 min
Delta R.T.: -0.007 min
Response: 192480804
Conc: 169.10 ng/ml



#40 AR-1262-5

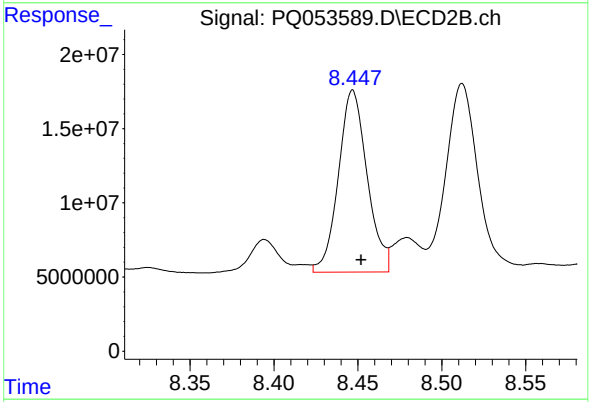
R.T.: 9.013 min
Delta R.T.: -0.006 min
Response: 56574075
Conc: 91.76 ng/ml



#41 AR-1268-1

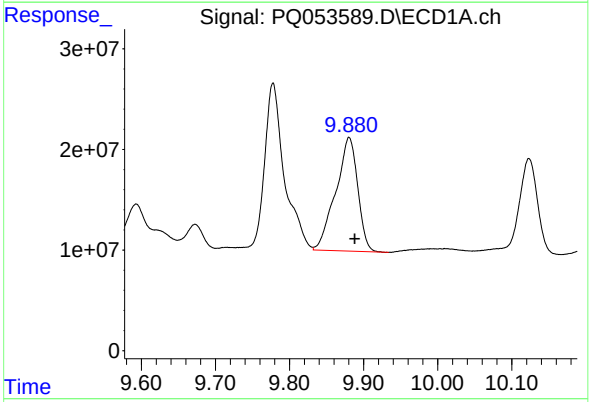
R.T.: 9.778 min
Delta R.T.: -0.007 min
Response: 302446286
Conc: 86.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



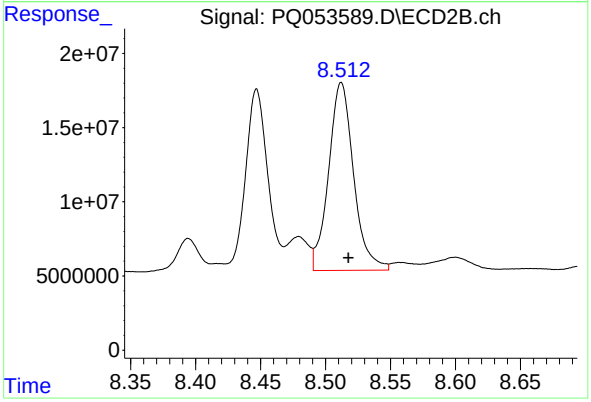
#41 AR-1268-1

R.T.: 8.447 min
Delta R.T.: -0.005 min
Response: 146065141
Conc: 63.04 ng/ml



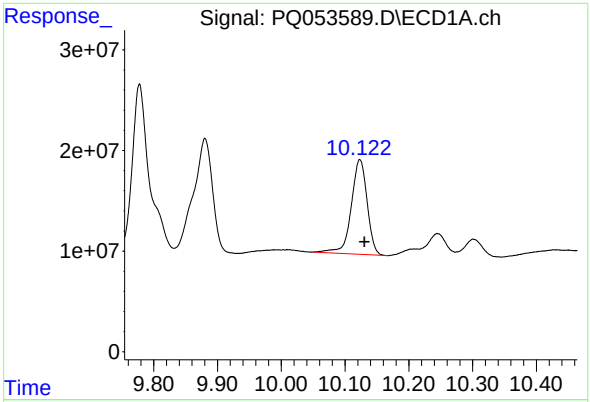
#42 AR-1268-2

R.T.: 9.880 min
Delta R.T.: -0.008 min
Response: 233237882
Conc: 69.85 ng/ml



#42 AR-1268-2

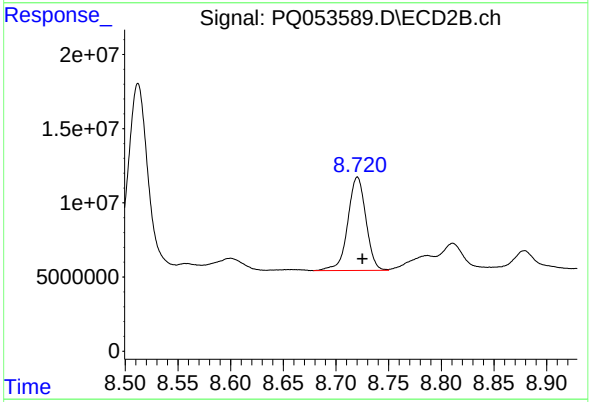
R.T.: 8.512 min
Delta R.T.: -0.005 min
Response: 169721641
Conc: 87.27 ng/ml



#43 AR-1268-3

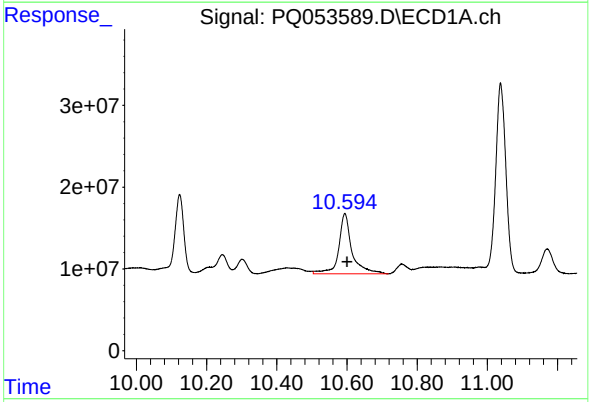
R.T.: 10.123 min
Delta R.T.: -0.007 min
Response: 162507382
Conc: 55.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



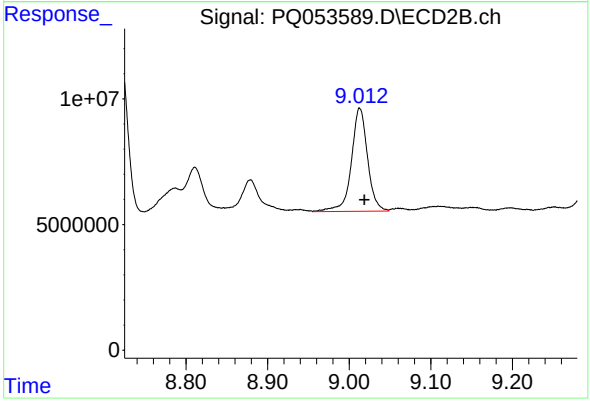
#43 AR-1268-3

R.T.: 8.720 min
Delta R.T.: -0.005 min
Response: 75354614
Conc: 44.19 ng/ml



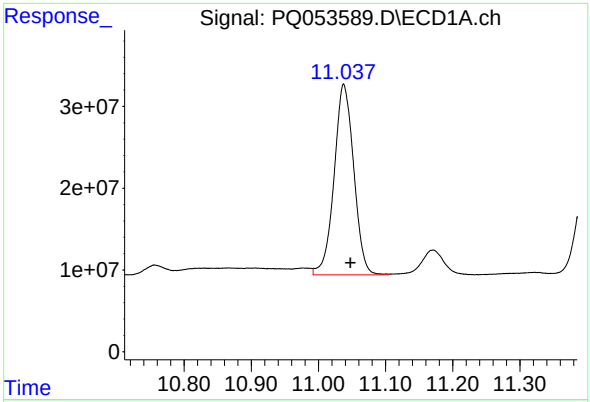
#44 AR-1268-4

R.T.: 10.594 min
Delta R.T.: -0.006 min
Response: 192480804
Conc: 167.00 ng/ml



#44 AR-1268-4

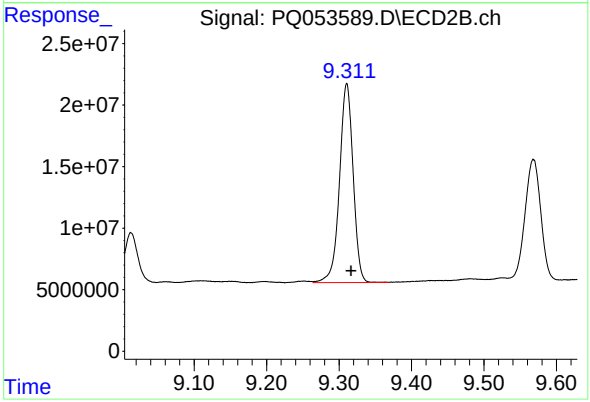
R.T.: 9.013 min
Delta R.T.: -0.006 min
Response: 56574075
Conc: 88.35 ng/ml



#45 AR-1268-5

R.T.: 11.038 min
Delta R.T.: -0.010 min
Response: 473492693
Conc: 50.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.311 min
Delta R.T.: -0.006 min
Response: 211339434
Conc: 43.65 ng/ml