

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061020\
 Data File : PQ048323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2020 09:28
 Operator : AJ\MA
 Sample : AR1268CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 11 12:03:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 10 03:52:33 2020
 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...	5.300	4.289	476.8E6	220.7E6	55.796	53.440
2)	SA Decachlor...	11.575	9.661	772.8E6	374.9E6	83.342	83.757
Target Compounds							
3)	L1 AR-1016-1	6.654	5.555	10949920	889989	36.665	5.721 #
4)	L1 AR-1016-2	6.654	5.576	10949920	1034418	26.812	4.890 #
5)	L1 AR-1016-3	0.000	5.769	0	643987	N.D.	5.929 #
6)	L1 AR-1016-4	0.000	5.819	0	968202	N.D.	10.830 #
7)	L1 AR-1016-5	7.145	6.093	43430664	-2392912	219.616	N.D. #
9)	L2 AR-1221-2	5.658	4.646	8114365	2353875	119.020	72.190 #
12)	L3 AR-1232-2	0.000	5.576	0	1034418	N.D.	12.114 #
13)	L3 AR-1232-3	6.654	5.769	10949920	643987	65.429	14.933 #
14)	L3 AR-1232-4	0.000	5.866	0	763286	N.D.	19.472 #
15)	L3 AR-1232-5	6.924	6.093	19345364	-2392912	305.309	N.D. #
16)	L4 AR-1242-1	6.654	5.555	10949920	889989	48.369	7.725 #
17)	L4 AR-1242-2	6.654	5.576	10949920	1034418	35.470	6.564 #
18)	L4 AR-1242-3	0.000	5.769	0	643987	N.D.	7.848 #
19)	L4 AR-1242-4	0.000	5.866	0	763286	N.D.	9.443 #
20)	L4 AR-1242-5	7.615	6.456	64491420	33929747	379.550	317.062
21)	L5 AR-1248-1	6.654	5.555	10949920	889989	63.092	10.075 #
22)	L5 AR-1248-2	6.924	5.819	19345364	968202	86.972	8.630 #
23)	L5 AR-1248-3	7.145	5.866	43430664	763286	177.978	6.708 #
24)	L5 AR-1248-4	7.552	6.093	123.3E6	-2392912	445.856	N.D. #
25)	L5 AR-1248-5	7.615	6.456	64491420	33929747	245.313	246.596
26)	L6 AR-1254-1	7.552	6.456	123.3E6	33929747	411.644	143.611 #
27)	L6 AR-1254-2	7.782	6.588	20032506	506375	43.288	2.469 #
28)	L6 AR-1254-3	8.186	7.013	40595951	1614546	83.294	4.811 #
29)	L6 AR-1254-4	8.456	7.249	57455411	765900	151.751	3.487 #
30)	L6 AR-1254-5	8.866	7.682	12252277	396934	30.655	1.359 #
31)	L7 AR-1260-1	0.000	7.160	0	452247	N.D.	2.252 #
32)	L7 AR-1260-2	8.590	7.343	45561790	949600	113.572	3.834 #
33)	L7 AR-1260-3	8.961	7.509	106.0E6	3429458	335.544	15.210 #
34)	L7 AR-1260-4	9.226	7.986	135.8E6	73136476	368.092	380.982
35)	L7 AR-1260-5	9.563	8.231	58706629	31395066	69.127	65.681
36)	L8 AR-1262-1	8.961	7.682	106.0E6	396934	244.385	2.805 #
37)	L8 AR-1262-2	9.563	8.231	58706629	31395066	70.768	59.556
38)	L8 AR-1262-3	9.902	8.520	596.2E6	346.5E6	1538.910	1611.272
39)	L8 AR-1262-4	10.008	8.585	572.6E6	315.0E6	1263.153	818.495 #
40)	L8 AR-1262-5	10.742	9.090	222.8E6	110.0E6	660.046	598.992
41)	L9 AR-1268-1	9.902	8.520	596.2E6	346.5E6	525.641	504.952
42)	L9 AR-1268-2	10.008	8.585	572.6E6	315.0E6	524.380	495.863
43)	L9 AR-1268-3	0.000	8.797	0	254.4E6	N.D.	480.438 #
44)	L9 AR-1268-4	10.742	9.090	222.8E6	110.0E6	527.716	472.226

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060920.M
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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
45) L9	AR-1268-5	11.200	9.395	1685.6E6	864.7E6	529.520	493.895

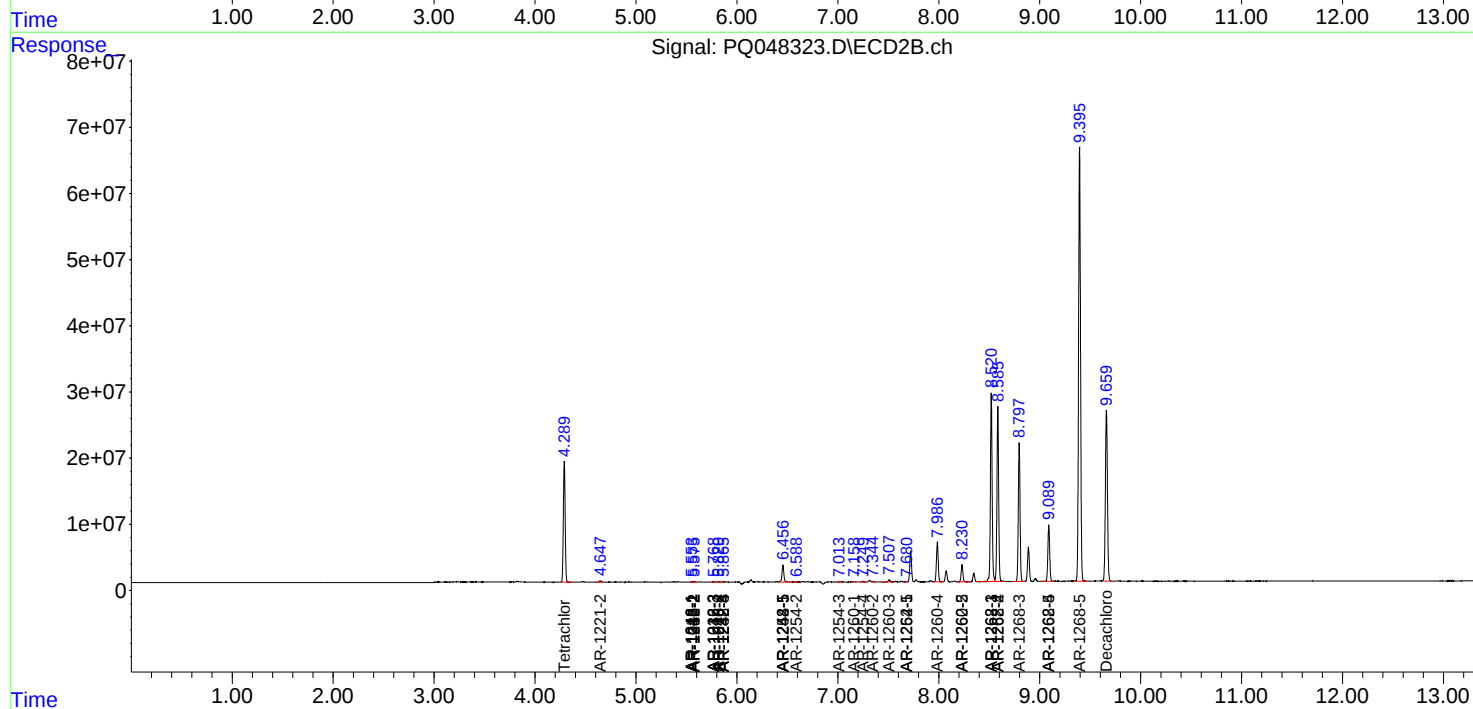
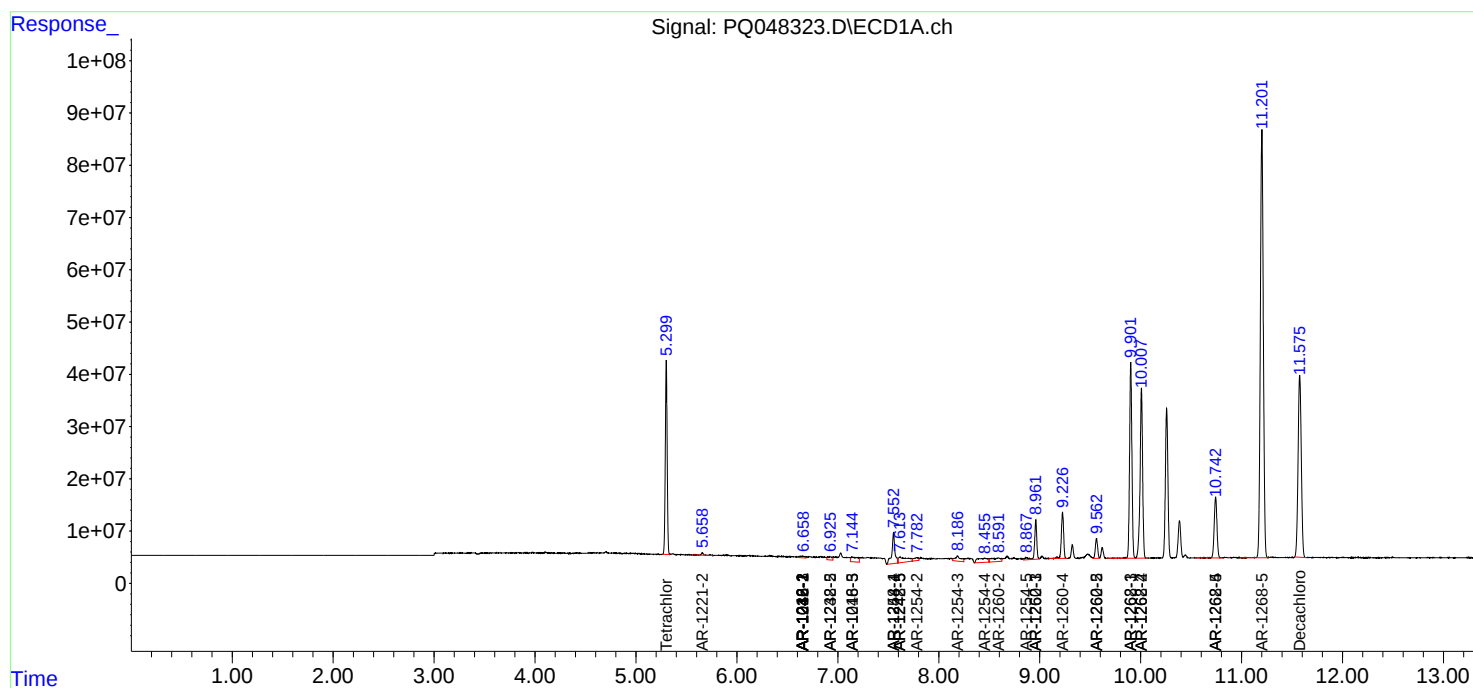
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

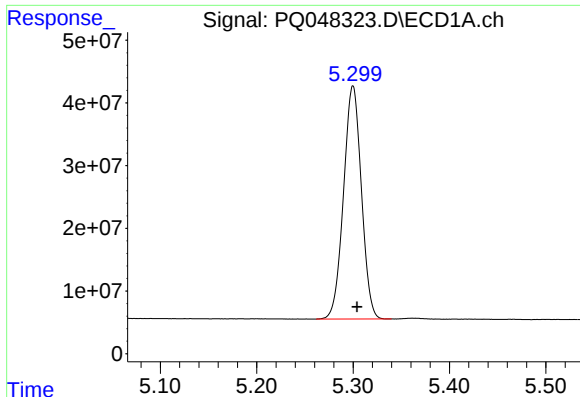
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061020\
Data File : PQ048323.D
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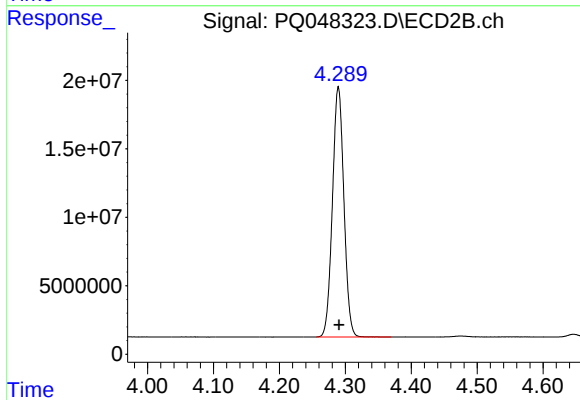




#1 Tetrachloro-m-xylene

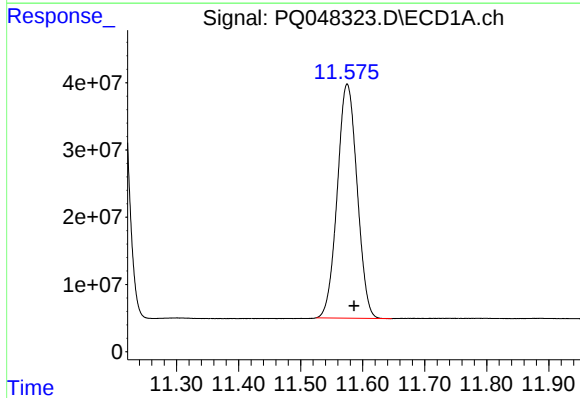
R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 476784685
Conc: 55.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



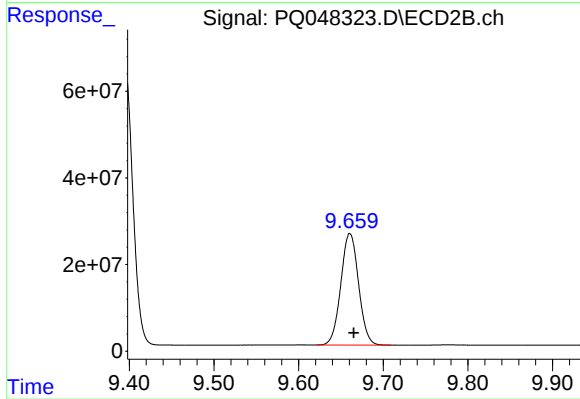
#1 Tetrachloro-m-xylene

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 220724343
Conc: 53.44 ng/ml



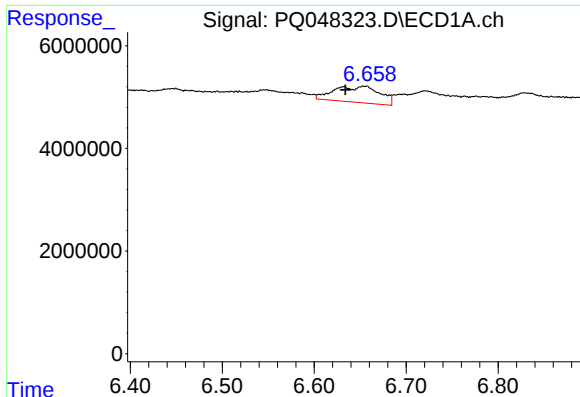
#2 Decachlorobiphenyl

R.T.: 11.575 min
Delta R.T.: -0.011 min
Response: 772807188
Conc: 83.34 ng/ml



#2 Decachlorobiphenyl

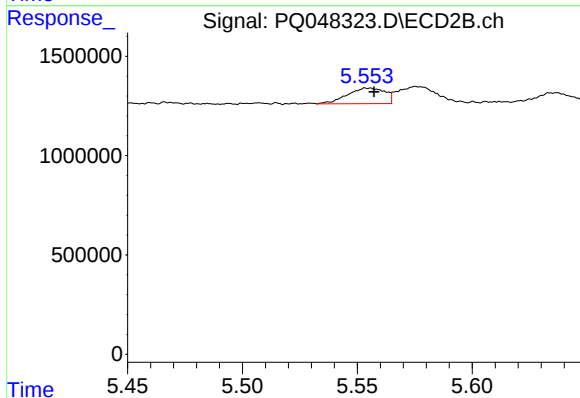
R.T.: 9.661 min
Delta R.T.: -0.005 min
Response: 374882624
Conc: 83.76 ng/ml



#3 AR-1016-1

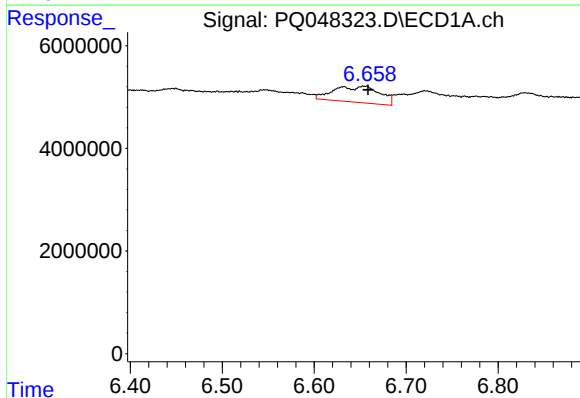
R.T.: 6.654 min
Delta R.T.: 0.020 min
Response: 10949920
Conc: 36.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



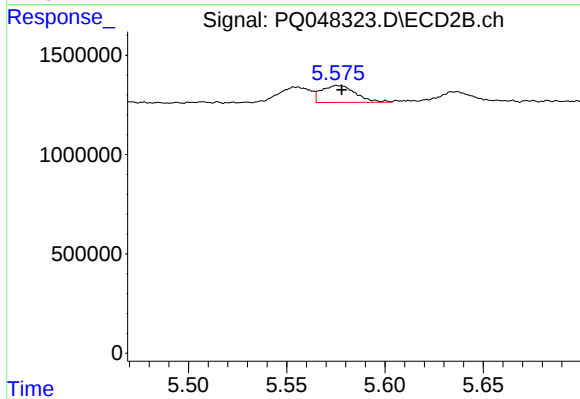
#3 AR-1016-1

R.T.: 5.555 min
Delta R.T.: -0.003 min
Response: 889989
Conc: 5.72 ng/ml



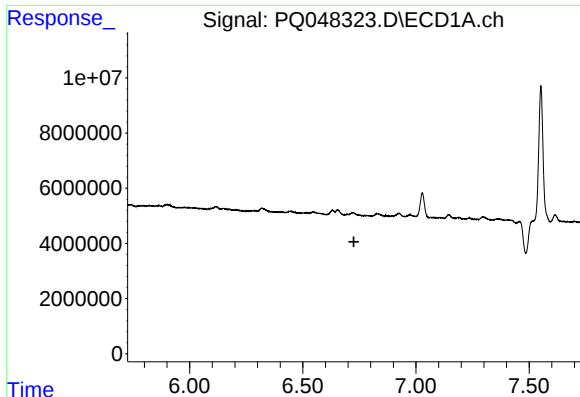
#4 AR-1016-2

R.T.: 6.654 min
Delta R.T.: -0.005 min
Response: 10949920
Conc: 26.81 ng/ml



#4 AR-1016-2

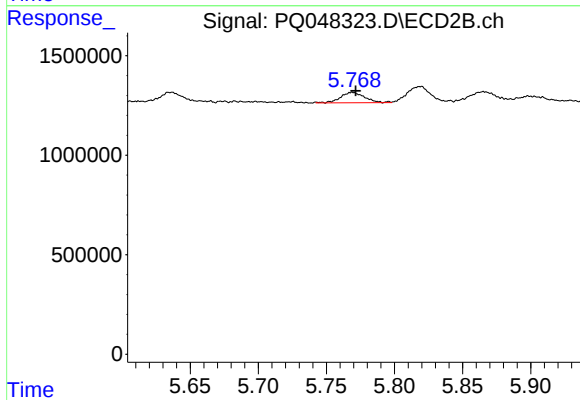
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 1034418
Conc: 4.89 ng/ml



#5 AR-1016-3

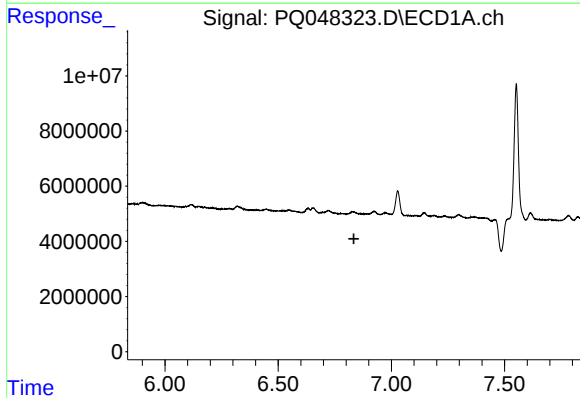
R.T.: 0.000 min
Exp R.T.: 6.726 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



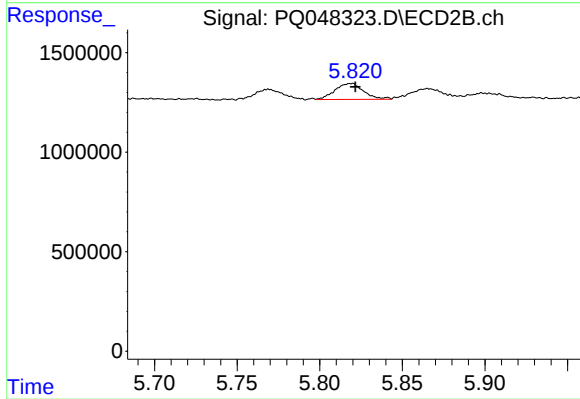
#5 AR-1016-3

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 643987
Conc: 5.93 ng/ml



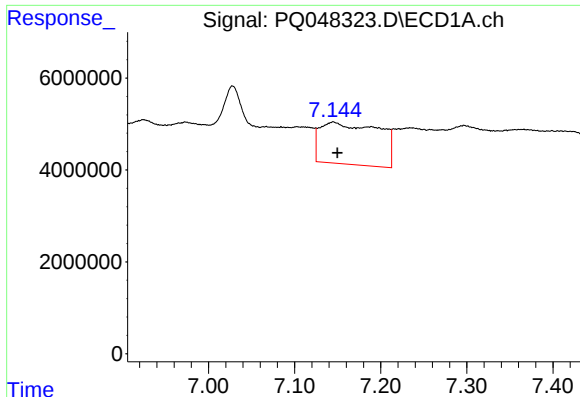
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.834 min
Response: 0
Conc: N.D.



#6 AR-1016-4

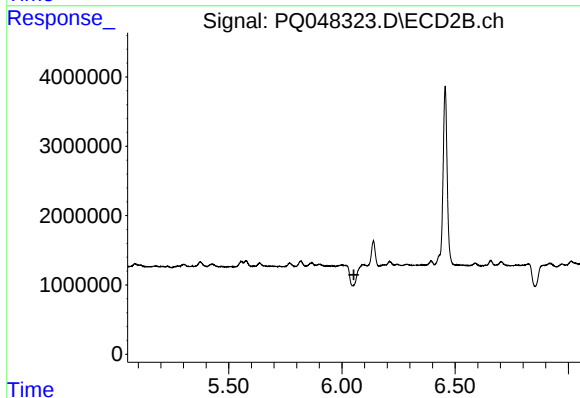
R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 968202
Conc: 10.83 ng/ml



#7 AR-1016-5

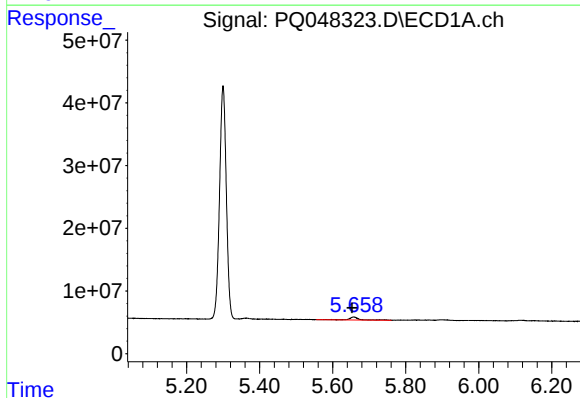
R.T.: 7.145 min
Delta R.T.: -0.005 min
Response: 43430664
Conc: 219.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



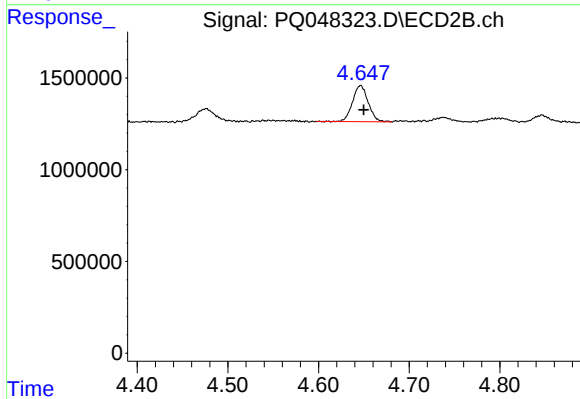
#7 AR-1016-5

R.T.: 6.093 min
Delta R.T.: 0.040 min
Response: -2392912
Conc: N.D.



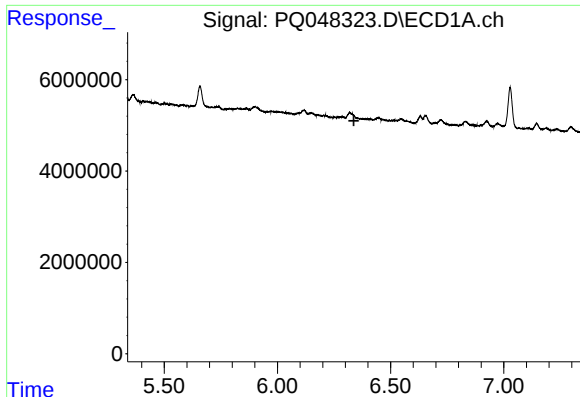
#9 AR-1221-2

R.T.: 5.658 min
Delta R.T.: 0.004 min
Response: 8114365
Conc: 119.02 ng/ml



#9 AR-1221-2

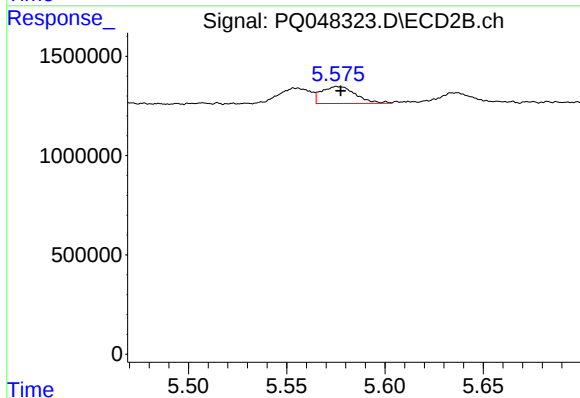
R.T.: 4.646 min
Delta R.T.: -0.003 min
Response: 2353875
Conc: 72.19 ng/ml



#12 AR-1232-2

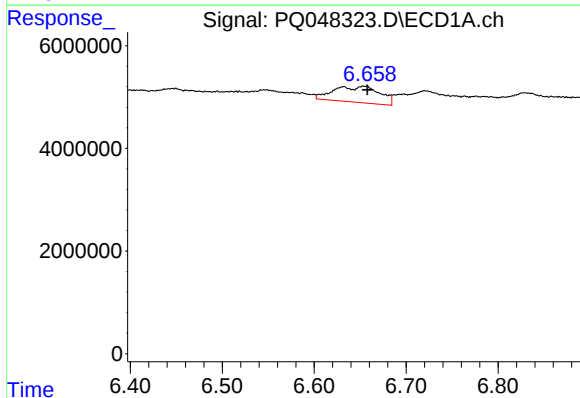
R.T.: 0.000 min
Exp R.T.: 6.338 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



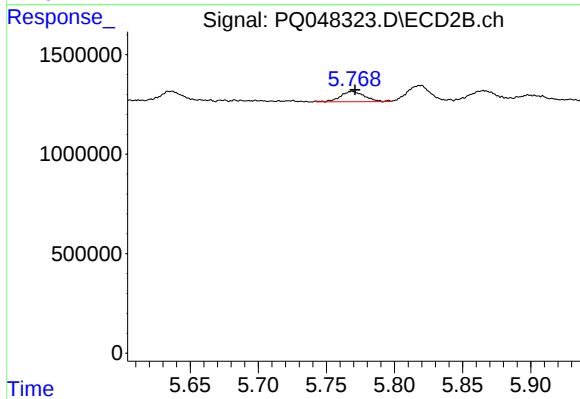
#12 AR-1232-2

R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 1034418
Conc: 12.11 ng/ml



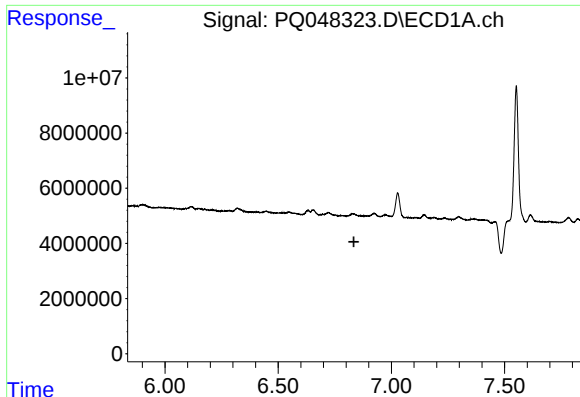
#13 AR-1232-3

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 10949920
Conc: 65.43 ng/ml



#13 AR-1232-3

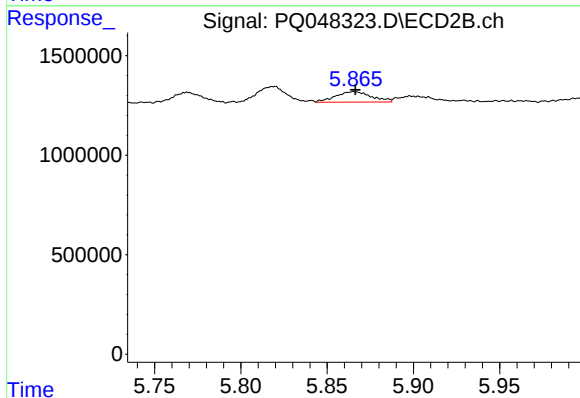
R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 643987
Conc: 14.93 ng/ml



#14 AR-1232-4

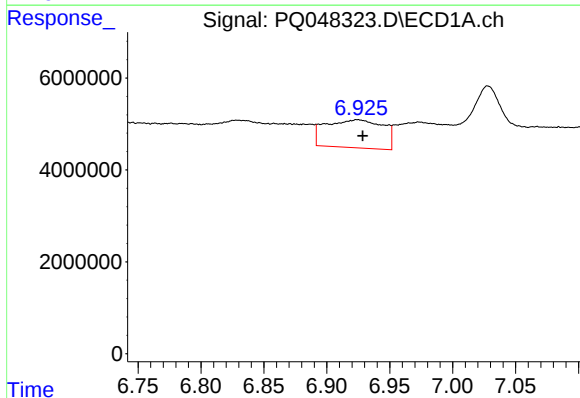
R.T.: 0.000 min
Exp R.T.: 6.835 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



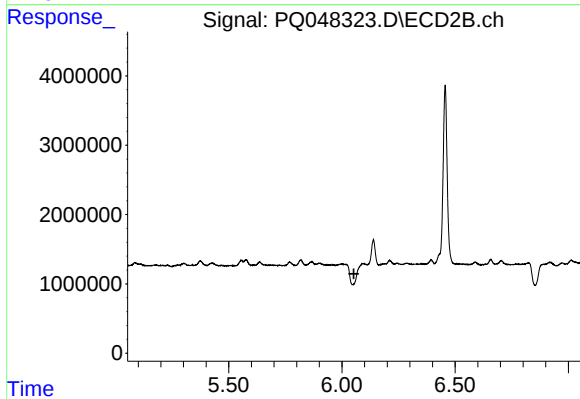
#14 AR-1232-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 763286
Conc: 19.47 ng/ml



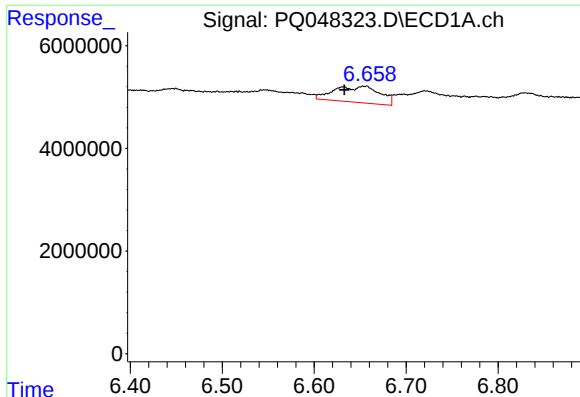
#15 AR-1232-5

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 19345364
Conc: 305.31 ng/ml



#15 AR-1232-5

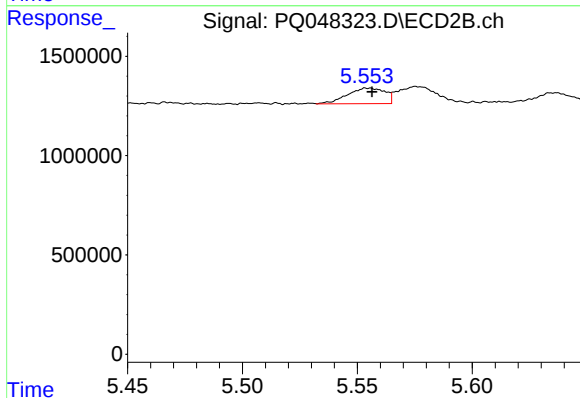
R.T.: 6.093 min
Delta R.T.: 0.040 min
Response: -2392912
Conc: N.D.



#16 AR-1242-1

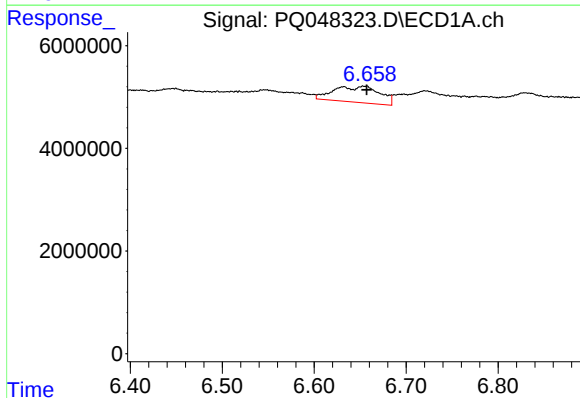
R.T.: 6.654 min
Delta R.T.: 0.021 min
Response: 10949920
Conc: 48.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



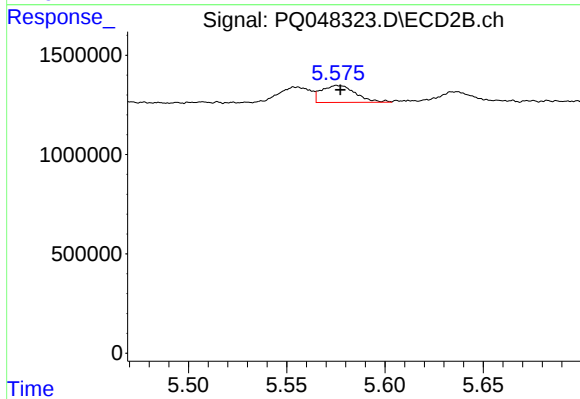
#16 AR-1242-1

R.T.: 5.555 min
Delta R.T.: -0.002 min
Response: 889989
Conc: 7.73 ng/ml



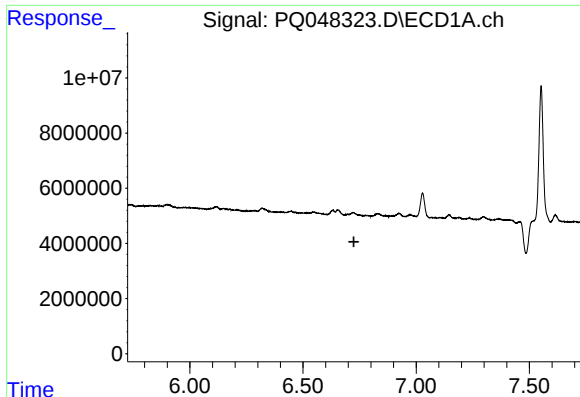
#17 AR-1242-2

R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 10949920
Conc: 35.47 ng/ml



#17 AR-1242-2

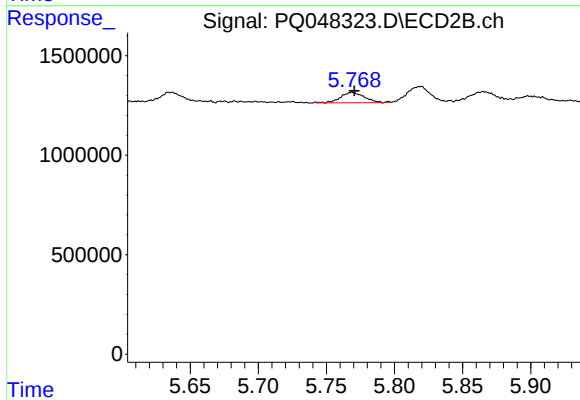
R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 1034418
Conc: 6.56 ng/ml



#18 AR-1242-3

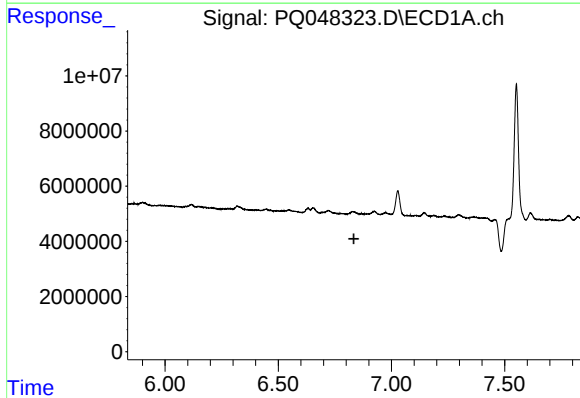
R.T.: 0.000 min
Exp R.T.: 6.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



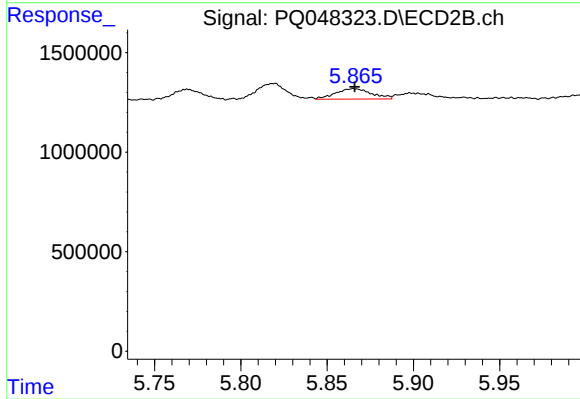
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 643987
Conc: 7.85 ng/ml



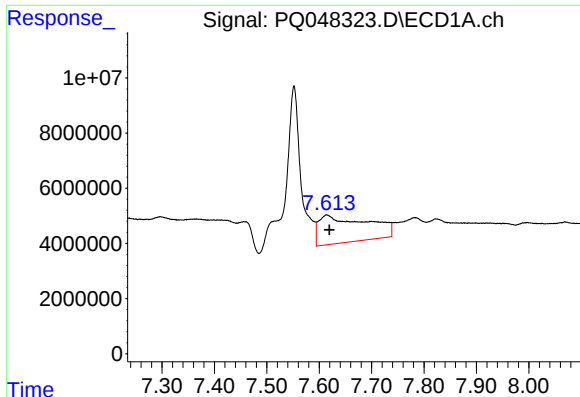
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.834 min
Response: 0
Conc: N.D.



#19 AR-1242-4

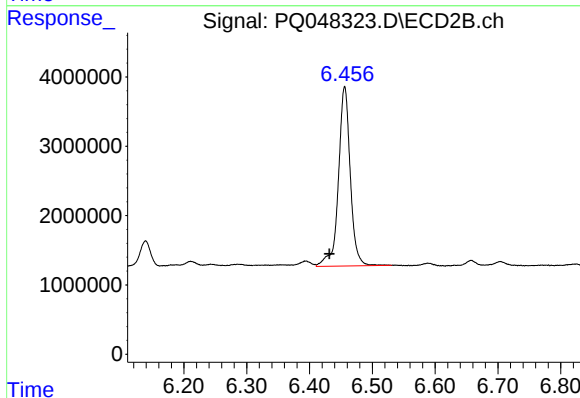
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 763286
Conc: 9.44 ng/ml



#20 AR-1242-5

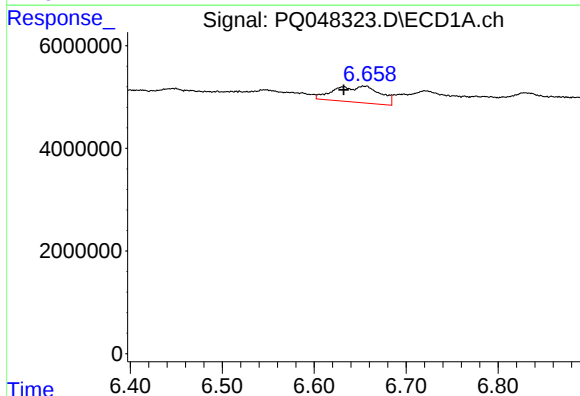
R.T.: 7.615 min
Delta R.T.: -0.004 min
Response: 64491420
Conc: 379.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



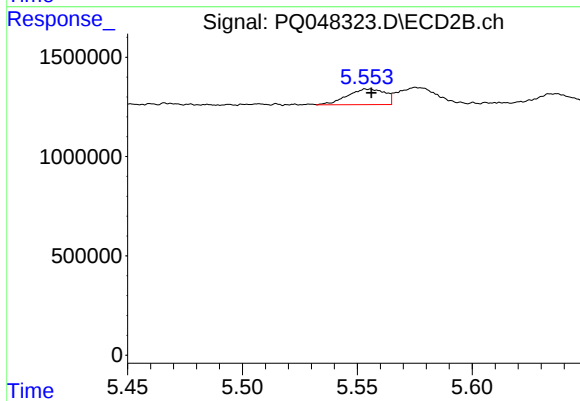
#20 AR-1242-5

R.T.: 6.456 min
Delta R.T.: 0.024 min
Response: 33929747
Conc: 317.06 ng/ml



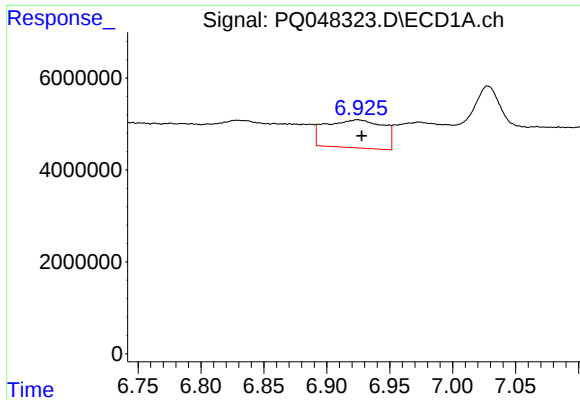
#21 AR-1248-1

R.T.: 6.654 min
Delta R.T.: 0.022 min
Response: 10949920
Conc: 63.09 ng/ml



#21 AR-1248-1

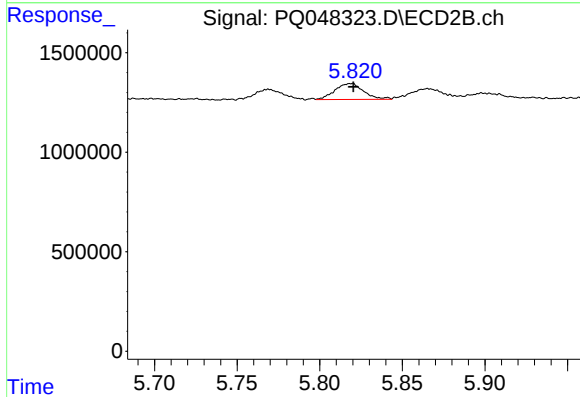
R.T.: 5.555 min
Delta R.T.: -0.001 min
Response: 889989
Conc: 10.08 ng/ml



#22 AR-1248-2

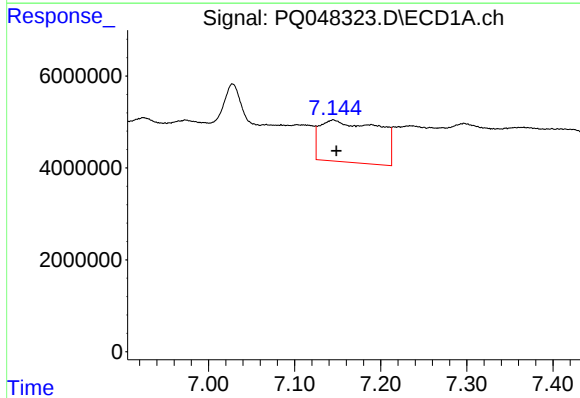
R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 19345364
Conc: 86.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



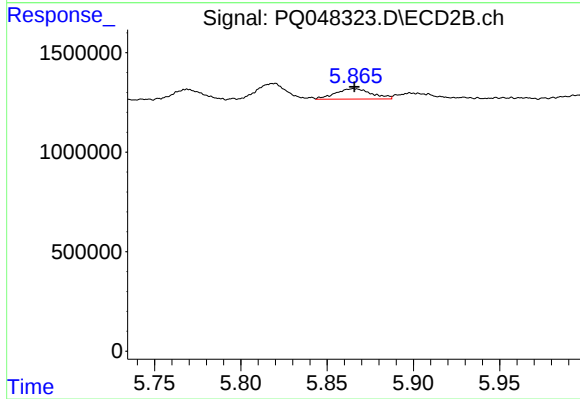
#22 AR-1248-2

R.T.: 5.819 min
Delta R.T.: -0.001 min
Response: 968202
Conc: 8.63 ng/ml



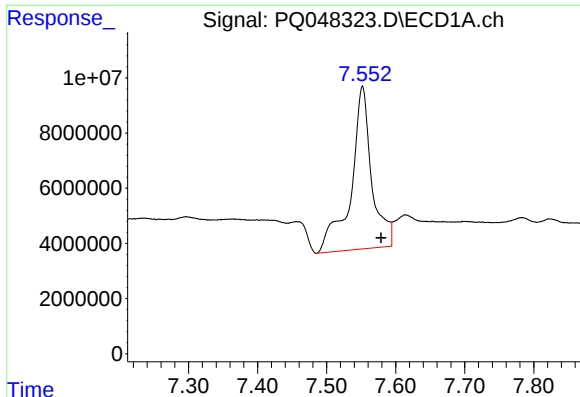
#23 AR-1248-3

R.T.: 7.145 min
Delta R.T.: -0.003 min
Response: 43430664
Conc: 177.98 ng/ml



#23 AR-1248-3

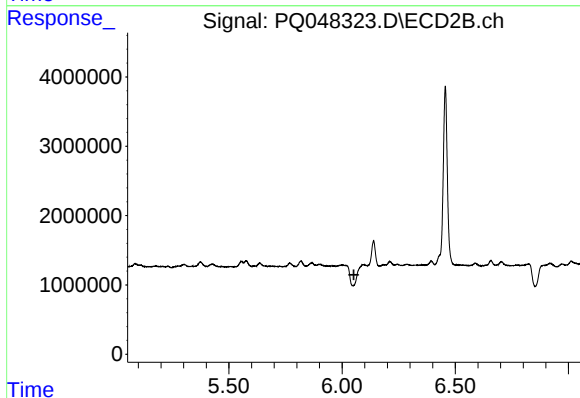
R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 763286
Conc: 6.71 ng/ml



#24 AR-1248-4

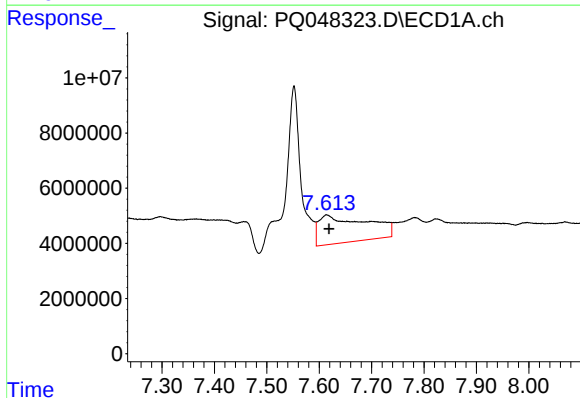
R.T.: 7.552 min
Delta R.T.: -0.027 min
Response: 123311130
Conc: 445.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



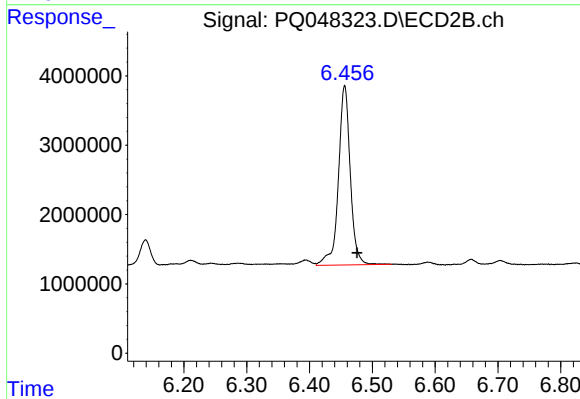
#24 AR-1248-4

R.T.: 6.093 min
Delta R.T.: 0.040 min
Response: -2392912
Conc: N.D.



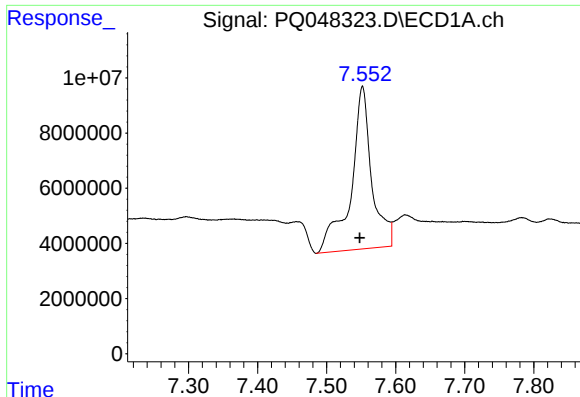
#25 AR-1248-5

R.T.: 7.615 min
Delta R.T.: -0.004 min
Response: 64491420
Conc: 245.31 ng/ml



#25 AR-1248-5

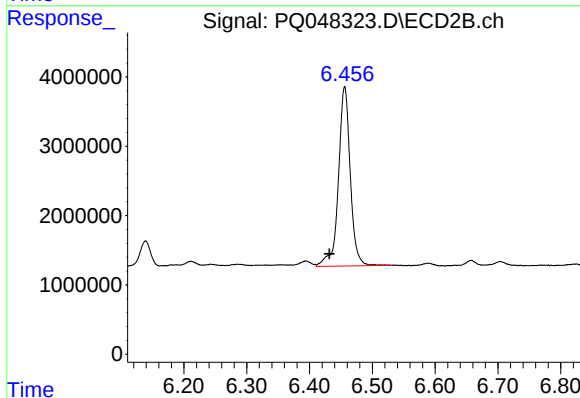
R.T.: 6.456 min
Delta R.T.: -0.020 min
Response: 33929747
Conc: 246.60 ng/ml



#26 AR-1254-1

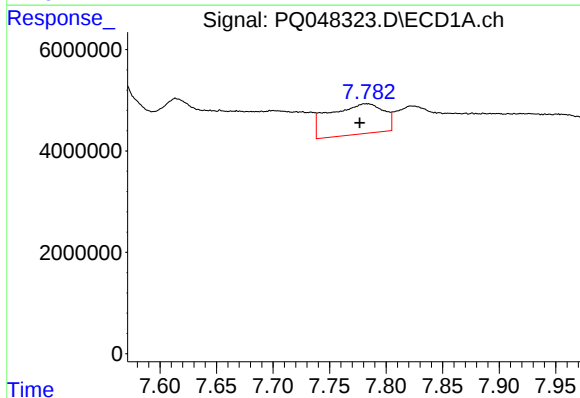
R.T.: 7.552 min
Delta R.T.: 0.004 min
Response: 123311130
Conc: 411.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



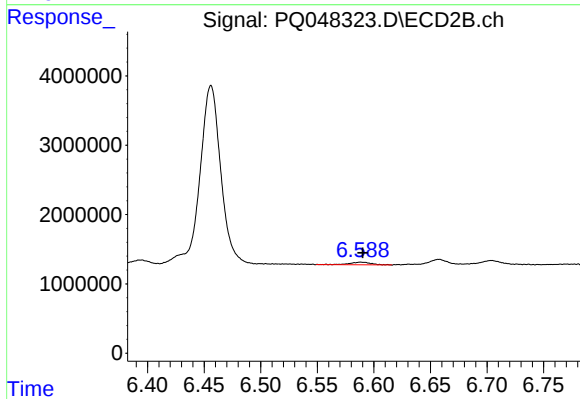
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: 0.024 min
Response: 33929747
Conc: 143.61 ng/ml



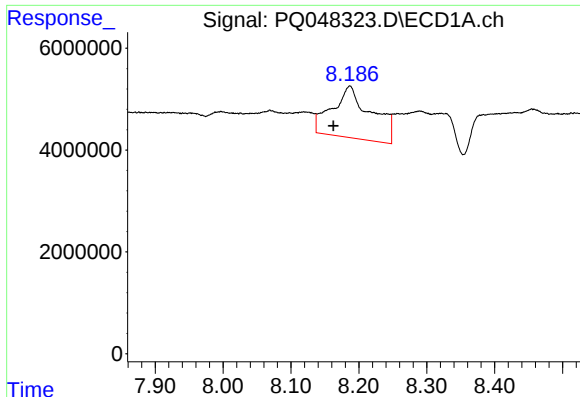
#27 AR-1254-2

R.T.: 7.782 min
Delta R.T.: 0.006 min
Response: 20032506
Conc: 43.29 ng/ml



#27 AR-1254-2

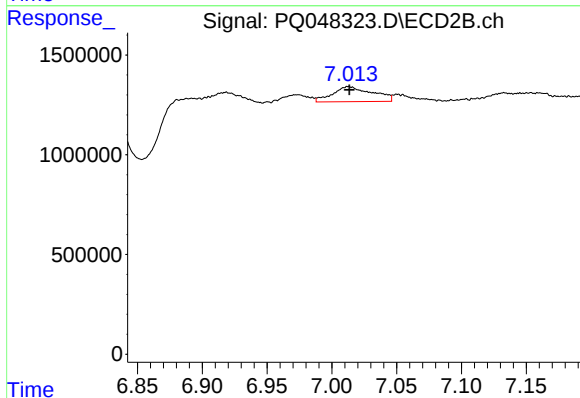
R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 506375
Conc: 2.47 ng/ml



#28 AR-1254-3

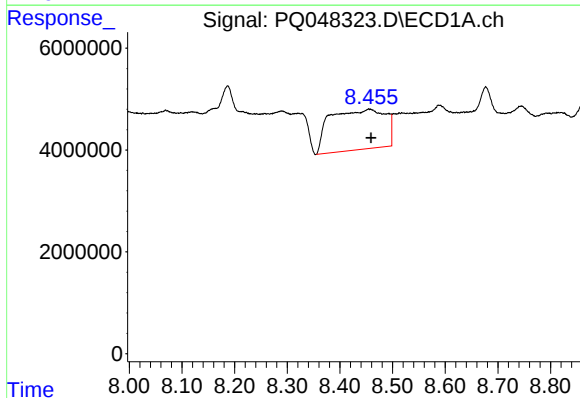
R.T.: 8.186 min
Delta R.T.: 0.023 min
Response: 40595951
Conc: 83.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



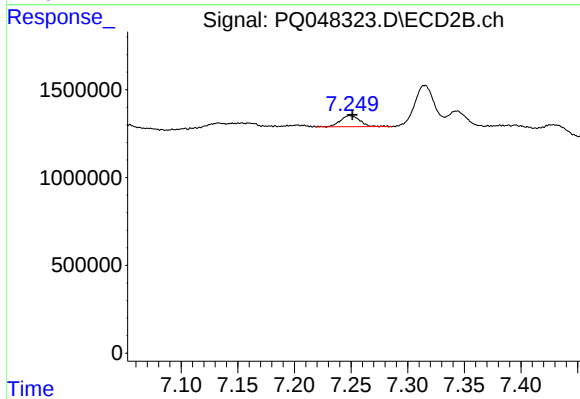
#28 AR-1254-3

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 1614546
Conc: 4.81 ng/ml



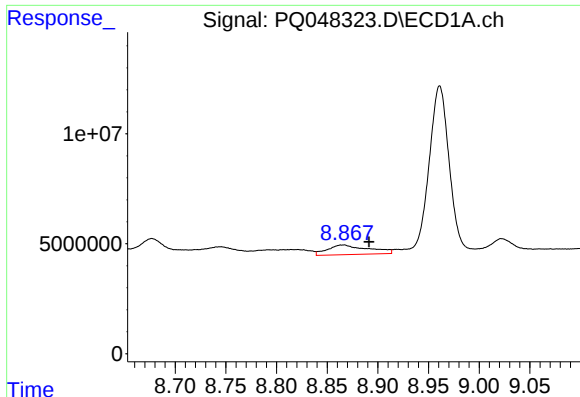
#29 AR-1254-4

R.T.: 8.456 min
Delta R.T.: -0.003 min
Response: 57455411
Conc: 151.75 ng/ml



#29 AR-1254-4

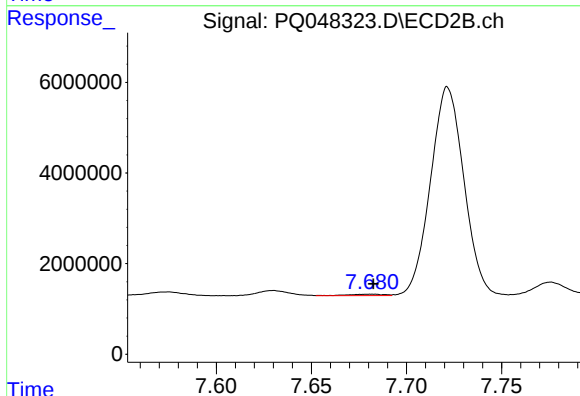
R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 765900
Conc: 3.49 ng/ml



#30 AR-1254-5

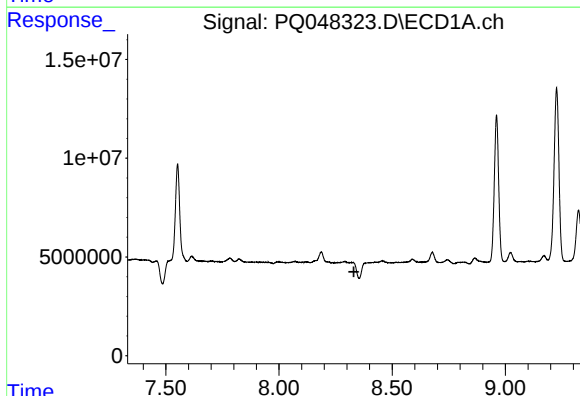
R.T.: 8.866 min
Delta R.T.: -0.025 min
Response: 12252277
Conc: 30.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



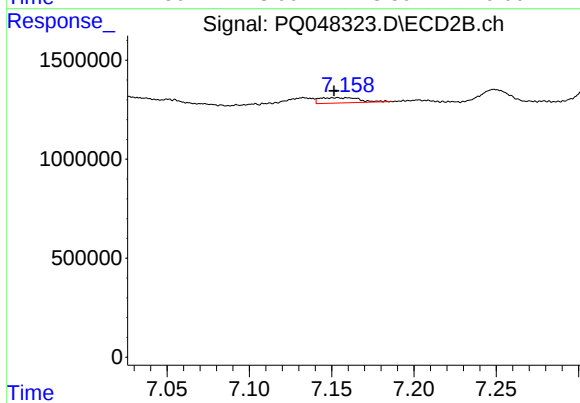
#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 396934
Conc: 1.36 ng/ml



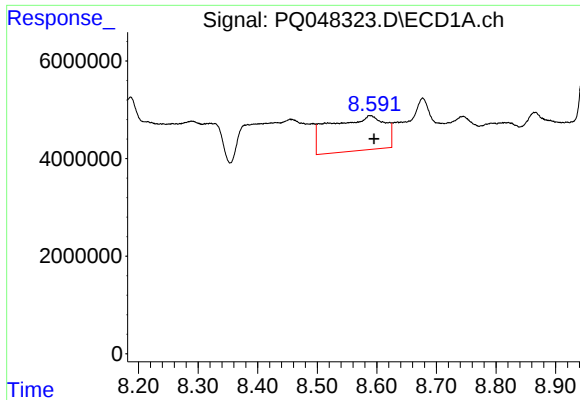
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 8.331 min
Response: 0
Conc: N.D.



#31 AR-1260-1

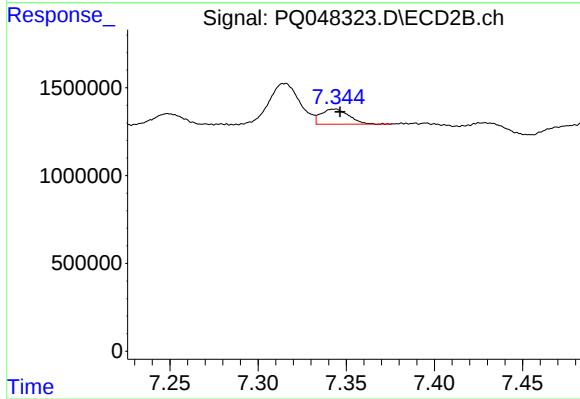
R.T.: 7.160 min
Delta R.T.: 0.008 min
Response: 452247
Conc: 2.25 ng/ml



#32 AR-1260-2

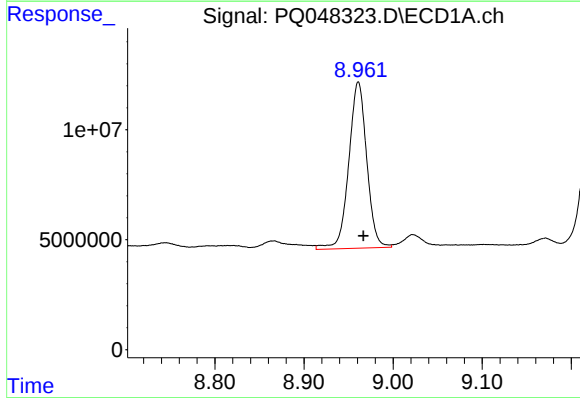
R.T.: 8.590 min
Delta R.T.: -0.006 min
Response: 45561790
Conc: 113.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



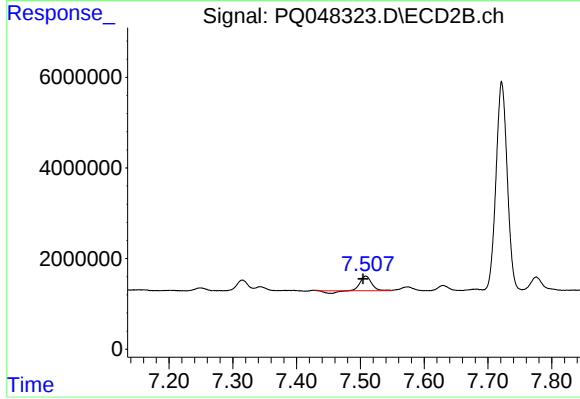
#32 AR-1260-2

R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 949600
Conc: 3.83 ng/ml



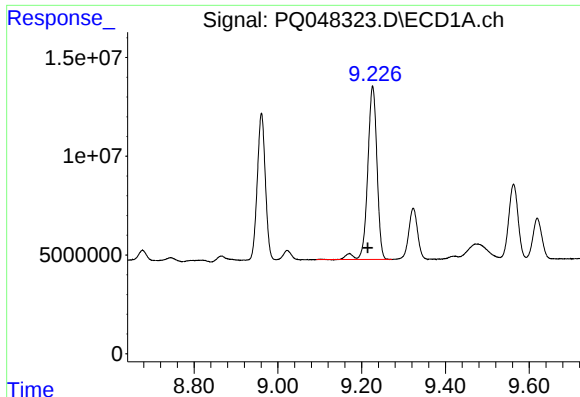
#33 AR-1260-3

R.T.: 8.961 min
Delta R.T.: -0.006 min
Response: 106021877
Conc: 335.54 ng/ml



#33 AR-1260-3

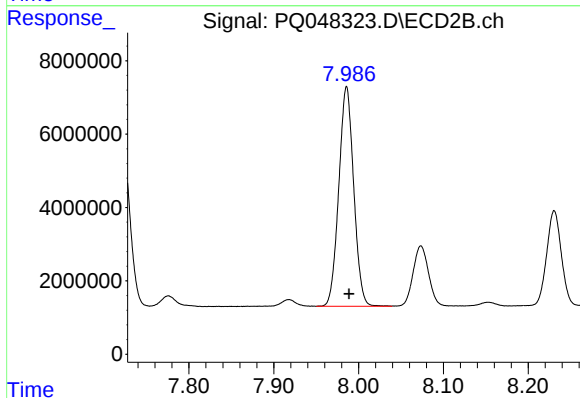
R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 3429458
Conc: 15.21 ng/ml



#34 AR-1260-4

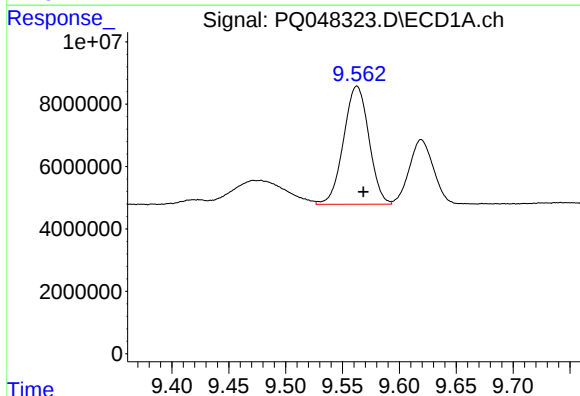
R.T.: 9.226 min
Delta R.T.: 0.012 min
Response: 135838291
Conc: 368.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



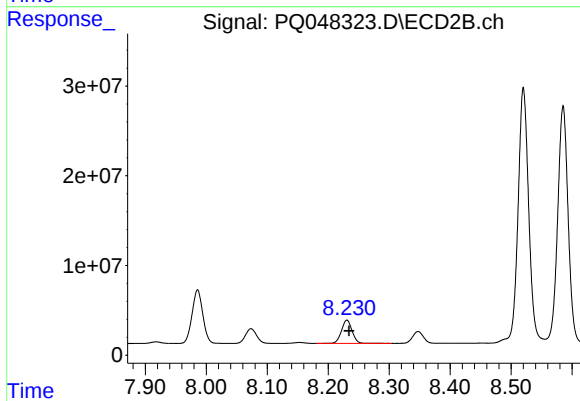
#34 AR-1260-4

R.T.: 7.986 min
Delta R.T.: -0.003 min
Response: 73136476
Conc: 380.98 ng/ml



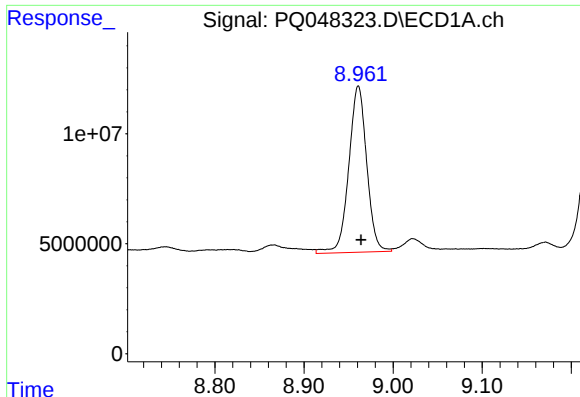
#35 AR-1260-5

R.T.: 9.563 min
Delta R.T.: -0.006 min
Response: 58706629
Conc: 69.13 ng/ml



#35 AR-1260-5

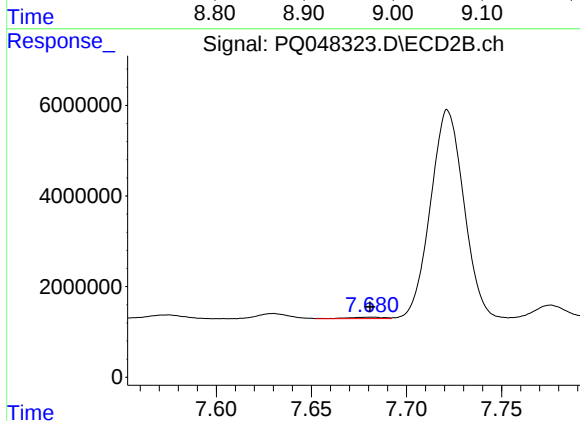
R.T.: 8.231 min
Delta R.T.: -0.003 min
Response: 31395066
Conc: 65.68 ng/ml



#36 AR-1262-1

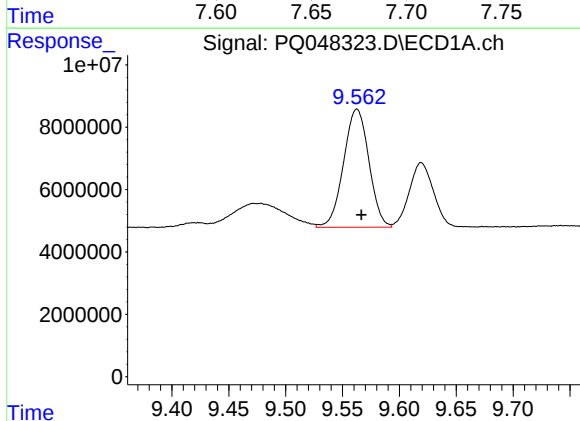
R.T.: 8.961 min
Delta R.T.: -0.003 min
Response: 106021877
Conc: 244.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



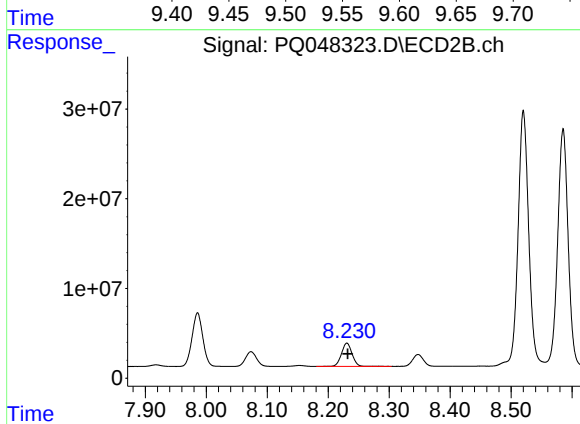
#36 AR-1262-1

R.T.: 7.682 min
Delta R.T.: 0.001 min
Response: 396934
Conc: 2.80 ng/ml



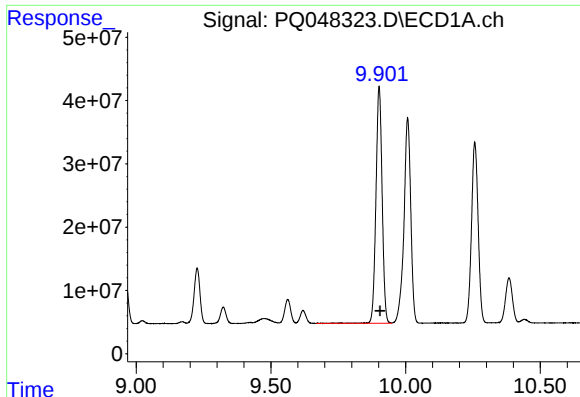
#37 AR-1262-2

R.T.: 9.563 min
Delta R.T.: -0.004 min
Response: 58706629
Conc: 70.77 ng/ml



#37 AR-1262-2

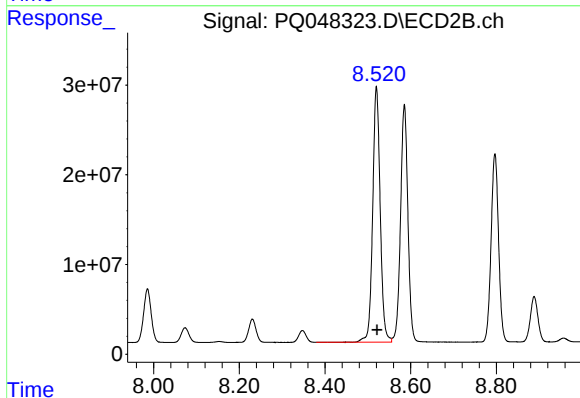
R.T.: 8.231 min
Delta R.T.: -0.001 min
Response: 31395066
Conc: 59.56 ng/ml



#38 AR-1262-3

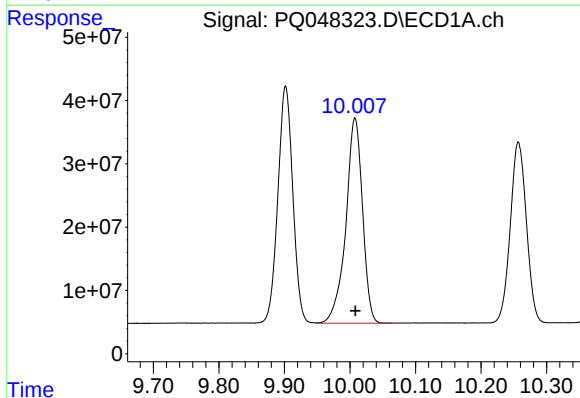
R.T.: 9.902 min
Delta R.T.: -0.004 min
Response: 596159022
Conc: 1538.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



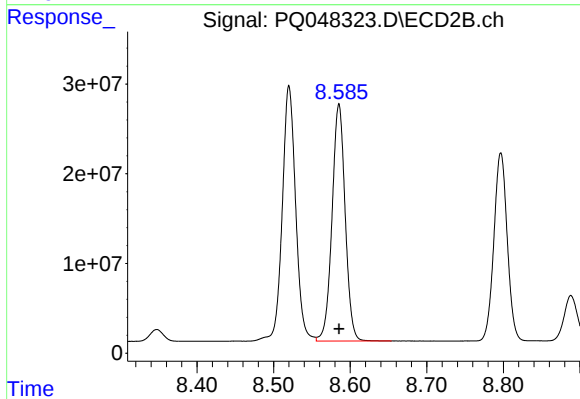
#38 AR-1262-3

R.T.: 8.520 min
Delta R.T.: -0.001 min
Response: 346544809
Conc: 1611.27 ng/ml



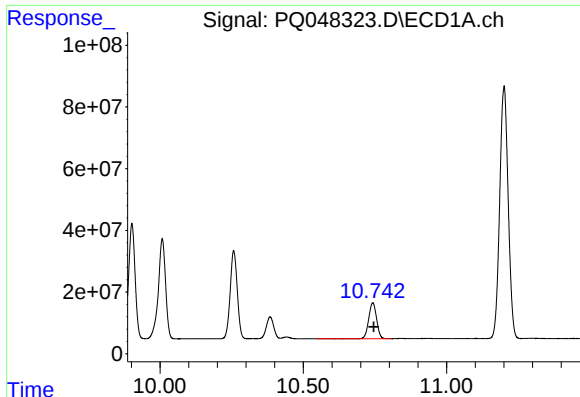
#39 AR-1262-4

R.T.: 10.008 min
Delta R.T.: 0.000 min
Response: 572592855
Conc: 1263.15 ng/ml



#39 AR-1262-4

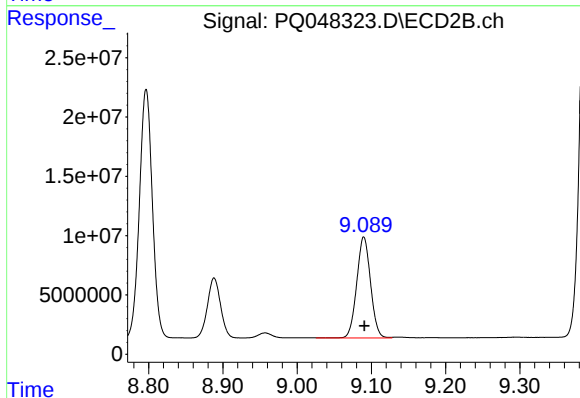
R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 315041511
Conc: 818.50 ng/ml



#40 AR-1262-5

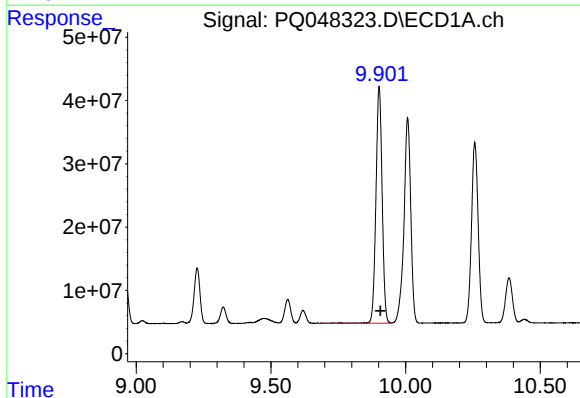
R.T.: 10.742 min
Delta R.T.: -0.004 min
Response: 222757615
Conc: 660.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



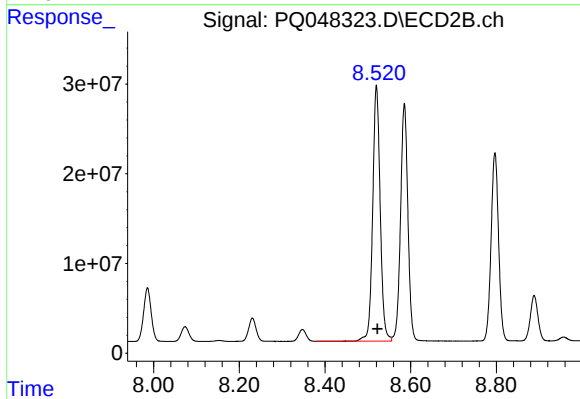
#40 AR-1262-5

R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 110018714
Conc: 598.99 ng/ml



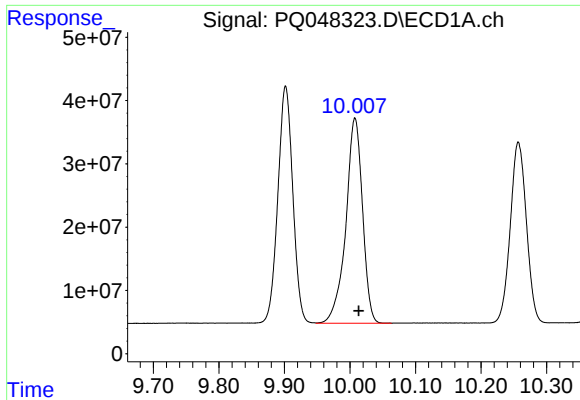
#41 AR-1268-1

R.T.: 9.902 min
Delta R.T.: -0.005 min
Response: 596159022
Conc: 525.64 ng/ml



#41 AR-1268-1

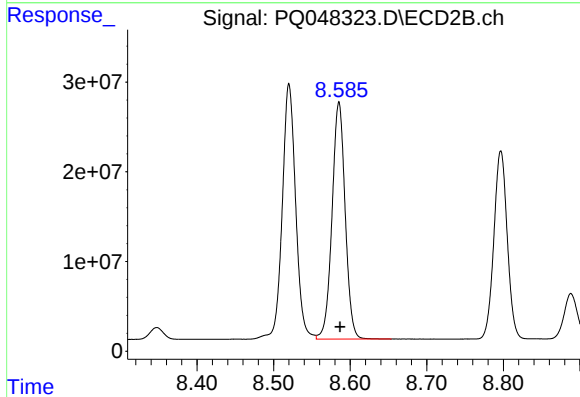
R.T.: 8.520 min
Delta R.T.: -0.002 min
Response: 346544809
Conc: 504.95 ng/ml



#42 AR-1268-2

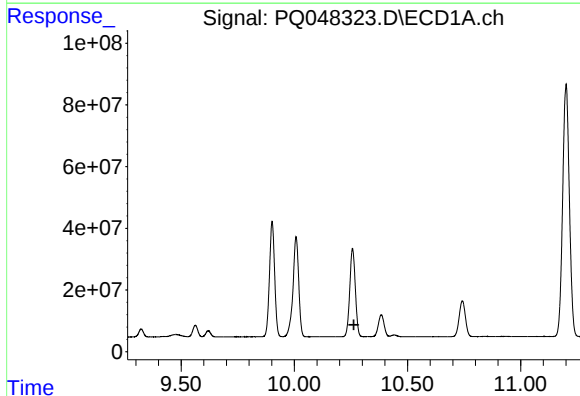
R.T.: 10.008 min
Delta R.T.: -0.006 min
Response: 572592855
Conc: 524.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



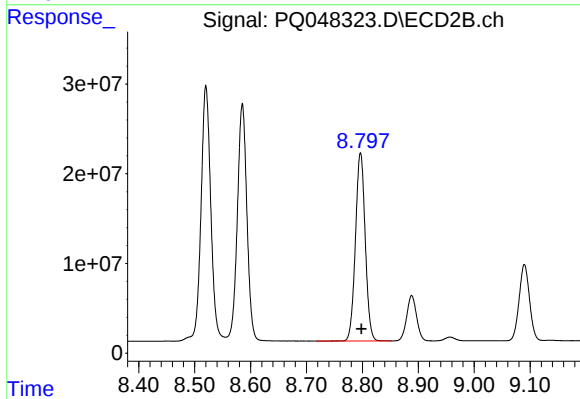
#42 AR-1268-2

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 315041511
Conc: 495.86 ng/ml



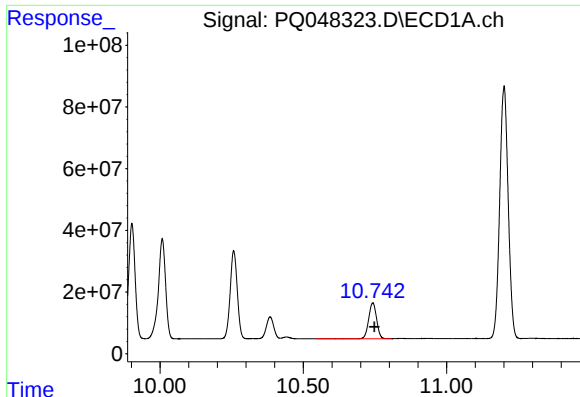
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.263 min
Response: 0
Conc: N.D.



#43 AR-1268-3

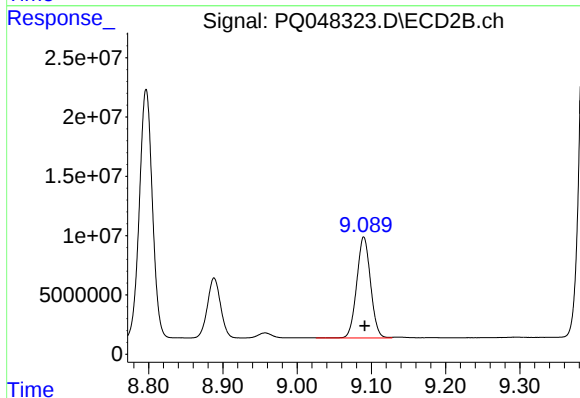
R.T.: 8.797 min
Delta R.T.: -0.002 min
Response: 254372968
Conc: 480.44 ng/ml



#44 AR-1268-4

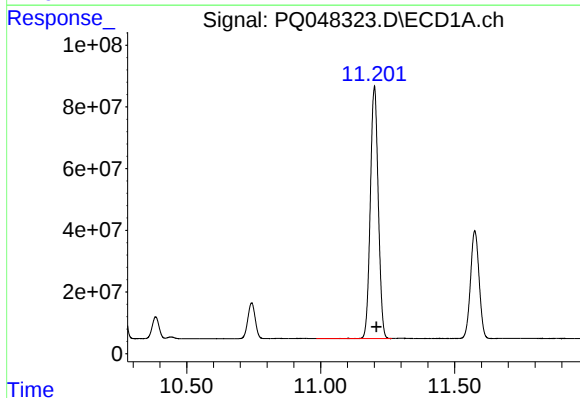
R.T.: 10.742 min
Delta R.T.: -0.006 min
Response: 222757615
Conc: 527.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



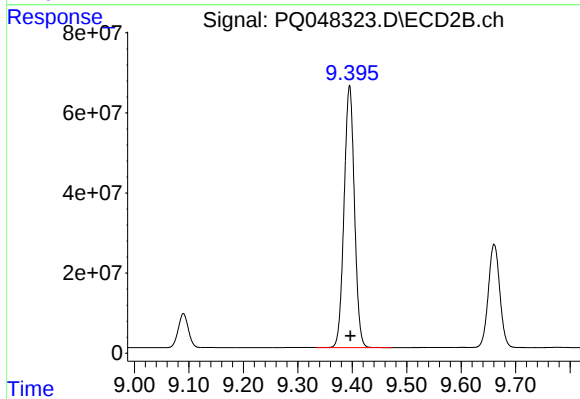
#44 AR-1268-4

R.T.: 9.090 min
Delta R.T.: -0.001 min
Response: 110018714
Conc: 472.23 ng/ml



#45 AR-1268-5

R.T.: 11.200 min
Delta R.T.: -0.007 min
Response: 1685561903
Conc: 529.52 ng/ml



#45 AR-1268-5

R.T.: 9.395 min
Delta R.T.: -0.002 min
Response: 864688556
Conc: 493.90 ng/ml