

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090518\
 Data File : PQ031663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2018 11:10
 Operator : SM\SJ
 Sample : PB112524BS
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 00:46:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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...	4.610	3.886	24717748	20304088	16.939	17.820
2)	SA Decachlor...	10.472	8.969	34610987	33235443	16.141	15.859
Target Compounds							
3)	L1 AR-1016-1	5.322	4.569	7004244	7193336	179.357	224.214 #
4)	L1 AR-1016-2	5.518	4.985	8671977	11075755	216.201	220.872
5)	L1 AR-1016-3	5.786	5.005	14096692	16372648	229.450	227.191
6)	L1 AR-1016-4	5.873	5.062	12142900	10730380	225.036	241.301
7)	L1 AR-1016-5	6.266	5.439	10619679	8578421	233.629	213.897
10)	L2 AR-1221-3	4.985	4.267	4900463	4215734	114.091	121.470
11)	L3 AR-1232-1	5.810	4.764	19729383	7943401	652.073	629.735
12)	L3 AR-1232-2	5.972	4.878	9700985	1650816	625.721	460.418 #
13)	L3 AR-1232-3	6.144	5.265	3097551	8086743	756.495	656.002
14)	L3 AR-1232-4	6.477	5.590	1838879	7465868	414.077	494.591
15)	L3 AR-1232-5	7.393	0.000	18013405	0	6775.086	N.D. #
16)	L4 AR-1242-1	5.352	4.590	3923677	4200756	214.595	300.316 #
17)	L4 AR-1242-2	6.105	5.184	8955411	8216384	290.958	286.328
18)	L4 AR-1242-3	6.307	5.298	4917815	2723732	305.038	283.463
19)	L4 AR-1242-4	6.352	5.663	3202380	1606230	235.785	182.621
20)	L4 AR-1242-5	6.408	0.000	8609966	0	219.561	N.D. #
21)	L5 AR-1248-1	6.059	5.222	8389918	6485126	147.914	137.356
22)	L5 AR-1248-2	6.644	5.793	8943226	7135372	150.562	76.553 #
23)	L5 AR-1248-3	6.644	5.793	8943226	7135372	112.257	111.631
24)	L5 AR-1248-4	6.644	0.000	8943226	0	117.503	N.D. #
25)	L5 AR-1248-5	6.861	6.359	8073487	15737026	157.813	340.745 #
26)	L6 AR-1254-1	6.861	5.938	8073487	7106850	55.658	71.194 #
27)	L6 AR-1254-2	7.146	6.257	1665620	1661523	18.524	18.948
28)	L6 AR-1254-3	7.230	6.573	4103986	1362985	25.041	11.796 #
29)	L6 AR-1254-4	7.516	6.899	2112695	2016858	17.277	24.289 #
30)	L6 AR-1254-5	7.779	6.992	10331769	27081800	108.877	162.887 #
31)	L7 AR-1260-1	7.393	6.475	18013405	18458162	163.946	182.750
32)	L7 AR-1260-2	7.649	6.661	21501618	23101576	162.288	178.816
33)	L7 AR-1260-3	7.934	6.818	26812426	21275082	169.909	176.926
34)	L7 AR-1260-4	8.241	7.290	17322309	15909767	148.129	153.856
35)	L7 AR-1260-5	8.575	7.529	34926872	53009883	147.044	208.178 #
36)	L8 AR-1262-1	7.287	6.359	9514790	15737026	165.191	313.604 #
37)	L8 AR-1262-2	8.067	7.082	7274895	8729717	136.076	160.404
38)	L8 AR-1262-3	8.328	7.389	10708685	8304512	175.058	133.910
39)	L8 AR-1262-4	8.976	7.814	12501739	7718795	97.655	73.699
40)	L8 AR-1262-5	9.681	8.386	10489545	8362229	108.800	88.383
41)	L9 AR-1268-1	8.008	7.028	14002529	16278657	263.788	302.314
42)	L9 AR-1268-2	8.241	7.878	17322309	28288934	248.191	93.584 #
43)	L9 AR-1268-3	8.918	8.088	23518007	1510704	72.165	6.039 #

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 Acq On : 05 Sep 2018 11:10
 Operator : SM\SJ
 Sample : PB112524BS
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 00:46:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 Response via : Initial Calibration
 Integrator: ChemStation

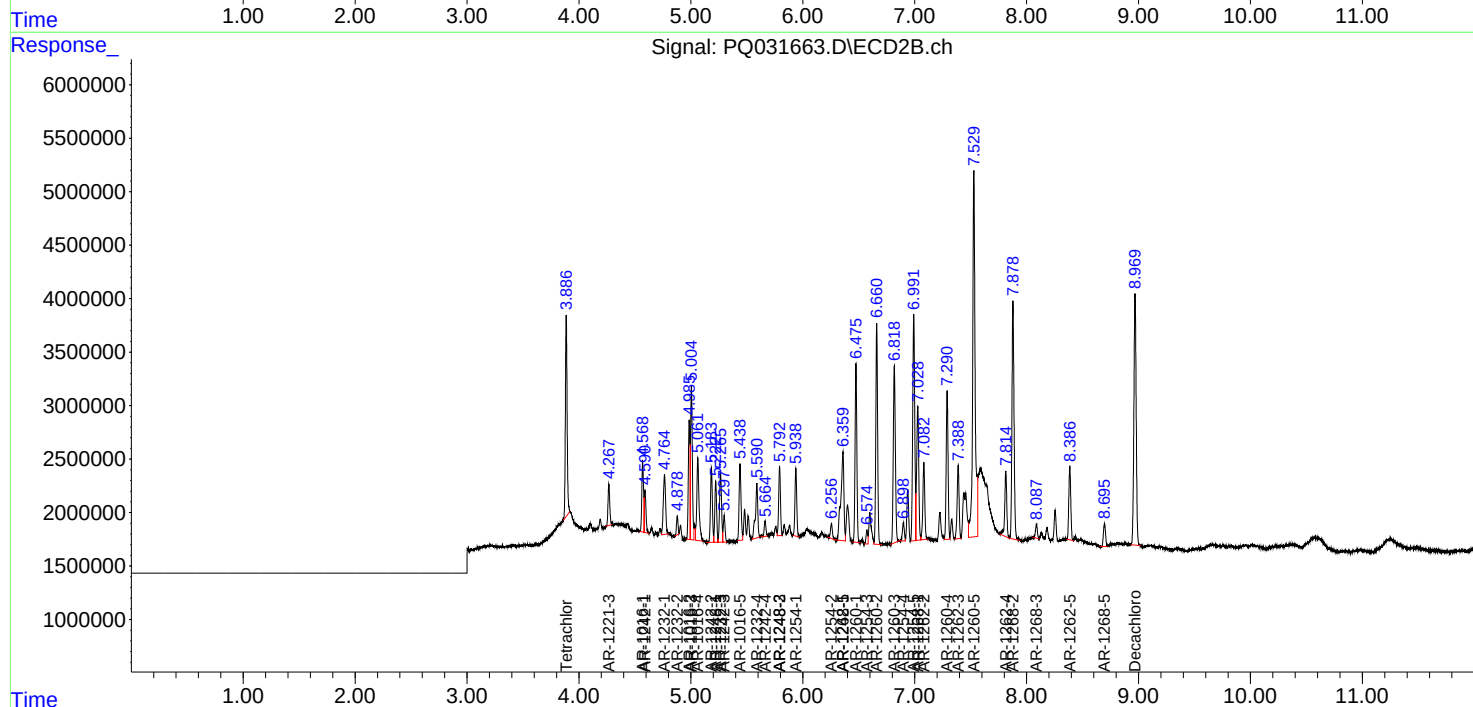
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

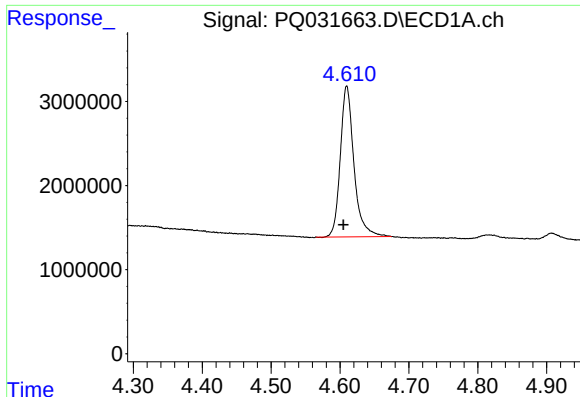
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.235	0.000	1755020	0	7.018	N.D. #
45) L9	AR-1268-5	10.116	8.696	3222400	2784132	3.768	3.306

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

Instrument :
ECD_Q
ClientSampleId :

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

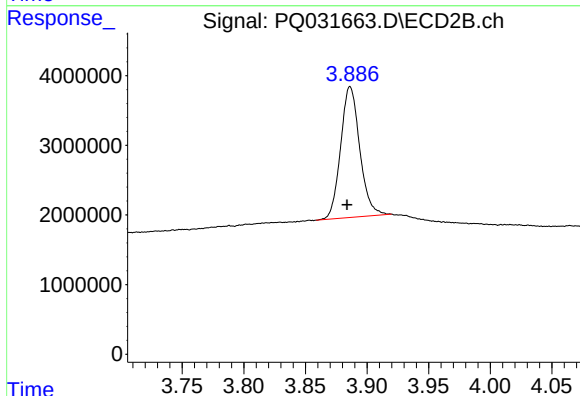




#1 Tetrachloro-m-xylene

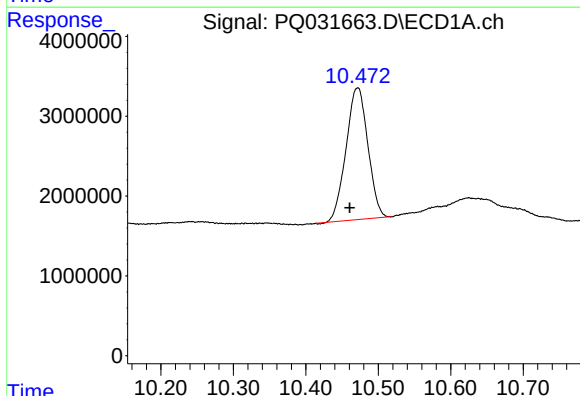
R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 24717748
Conc: 16.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



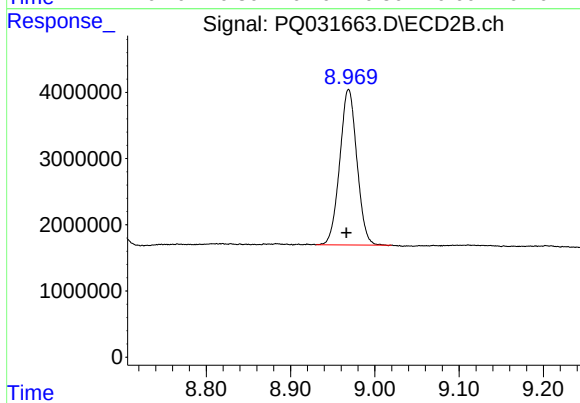
#1 Tetrachloro-m-xylene

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 20304088
Conc: 17.82 ng/ml



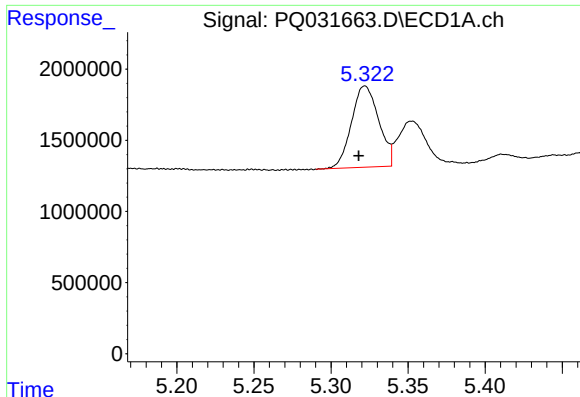
#2 Decachlorobiphenyl

R.T.: 10.472 min
Delta R.T.: 0.011 min
Response: 34610987
Conc: 16.14 ng/ml



#2 Decachlorobiphenyl

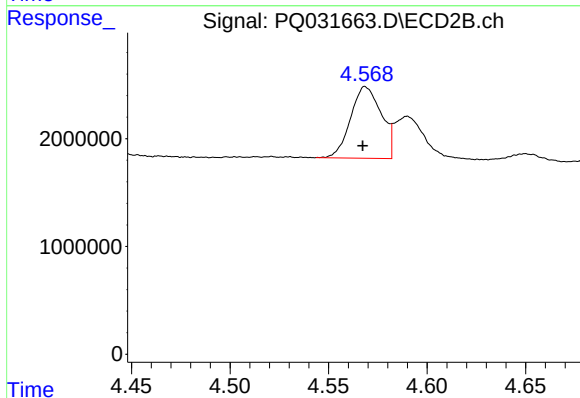
R.T.: 8.969 min
Delta R.T.: 0.003 min
Response: 33235443
Conc: 15.86 ng/ml



#3 AR-1016-1

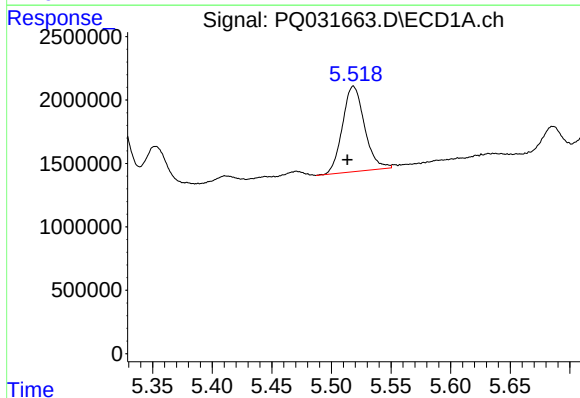
R.T.: 5.322 min
Delta R.T.: 0.004 min
Response: 7004244
Conc: 179.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



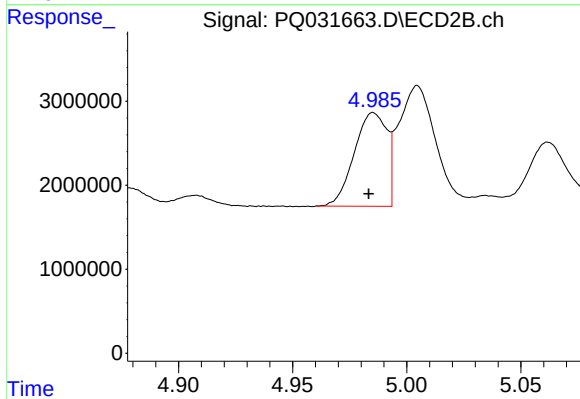
#3 AR-1016-1

R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 7193336
Conc: 224.21 ng/ml



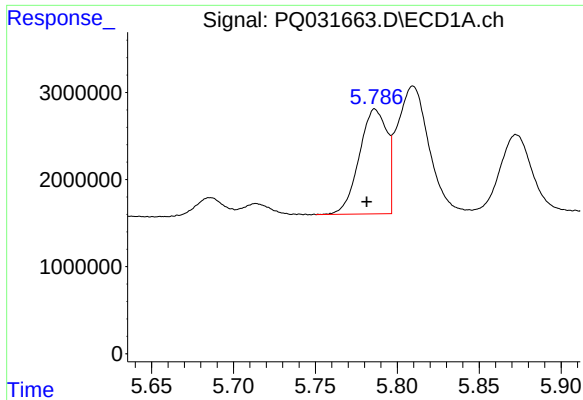
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: 0.005 min
Response: 8671977
Conc: 216.20 ng/ml



#4 AR-1016-2

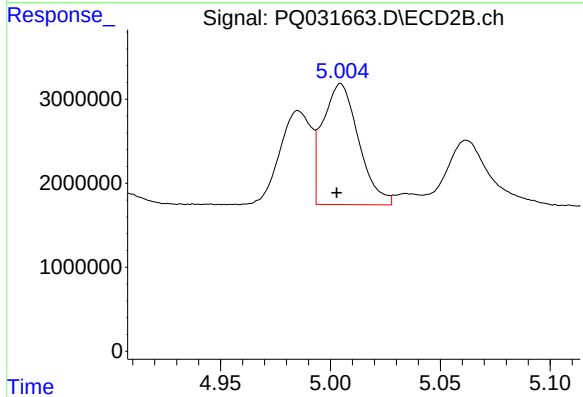
R.T.: 4.985 min
Delta R.T.: 0.002 min
Response: 11075755
Conc: 220.87 ng/ml



#5 AR-1016-3

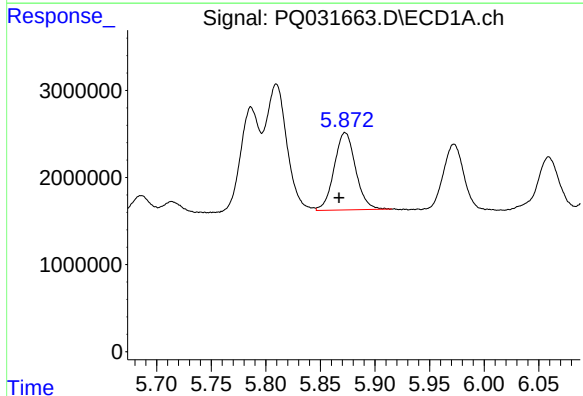
R.T.: 5.786 min
Delta R.T.: 0.005 min
Response: 14096692
Conc: 229.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



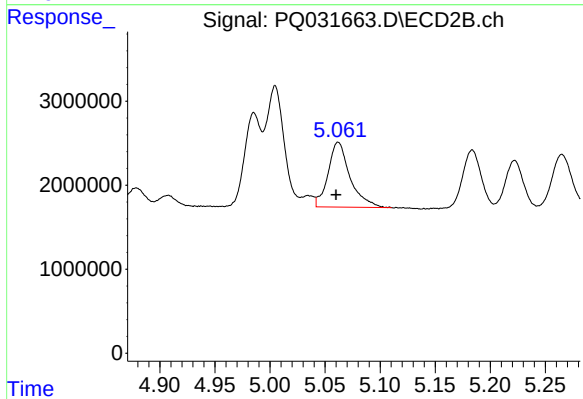
#5 AR-1016-3

R.T.: 5.005 min
Delta R.T.: 0.002 min
Response: 16372648
Conc: 227.19 ng/ml



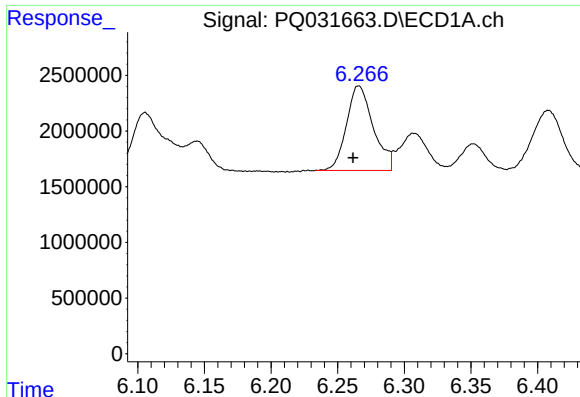
#6 AR-1016-4

R.T.: 5.873 min
Delta R.T.: 0.005 min
Response: 12142900
Conc: 225.04 ng/ml



#6 AR-1016-4

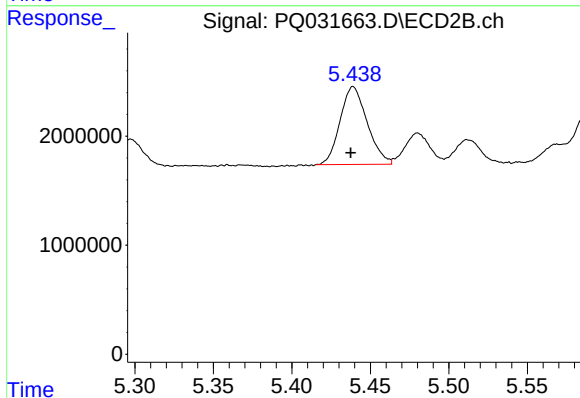
R.T.: 5.062 min
Delta R.T.: 0.002 min
Response: 10730380
Conc: 241.30 ng/ml



#7 AR-1016-5

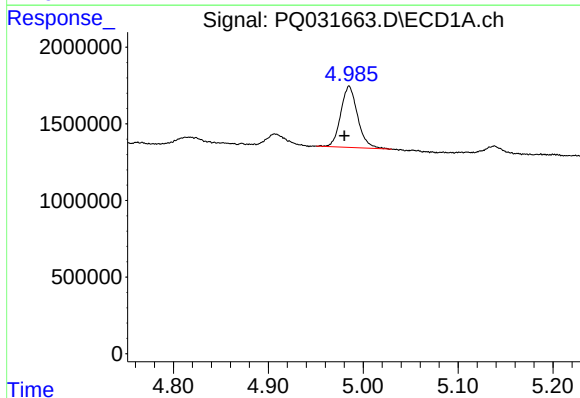
R.T.: 6.266 min
Delta R.T.: 0.004 min
Response: 10619679
Conc: 233.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



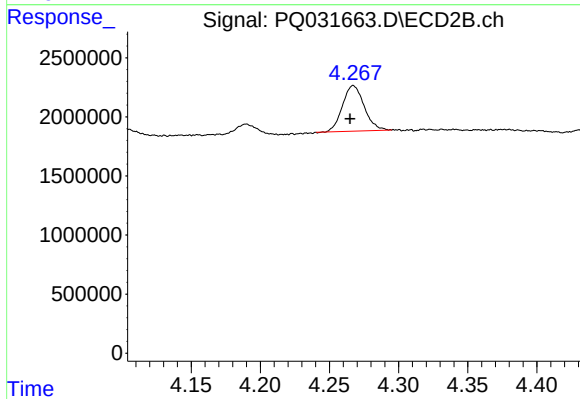
#7 AR-1016-5

R.T.: 5.439 min
Delta R.T.: 0.002 min
Response: 8578421
Conc: 213.90 ng/ml



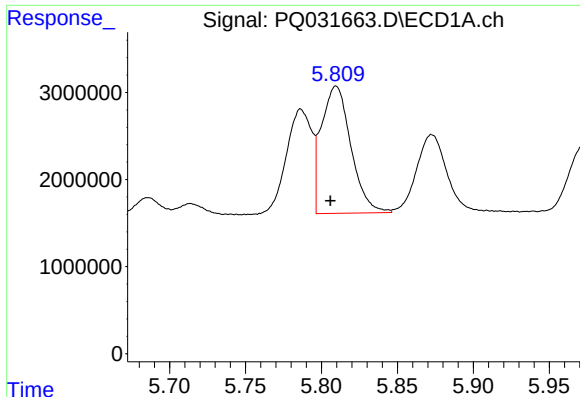
#10 AR-1221-3

R.T.: 4.985 min
Delta R.T.: 0.005 min
Response: 4900463
Conc: 114.09 ng/ml



#10 AR-1221-3

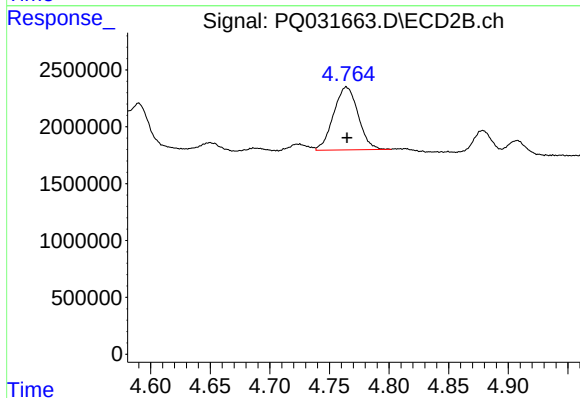
R.T.: 4.267 min
Delta R.T.: 0.002 min
Response: 4215734
Conc: 121.47 ng/ml



#11 AR-1232-1

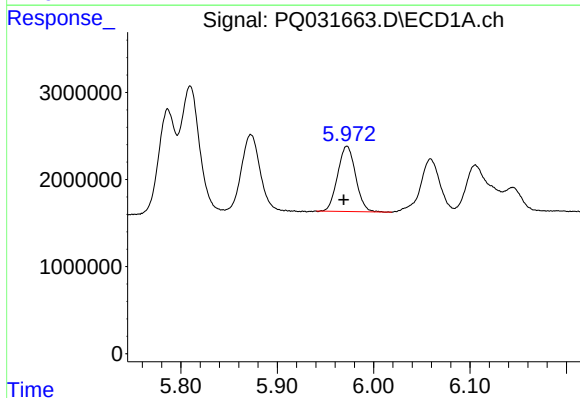
R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 19729383
Conc: 652.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



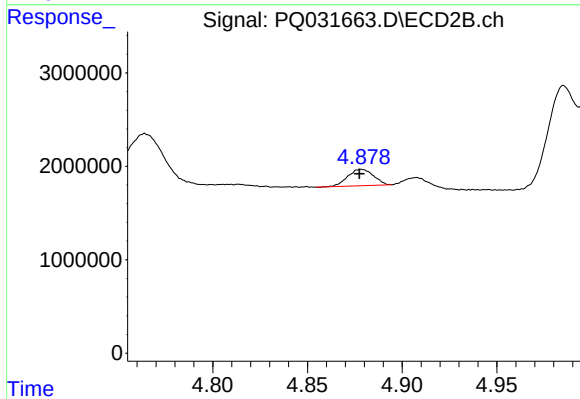
#11 AR-1232-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 7943401
Conc: 629.74 ng/ml



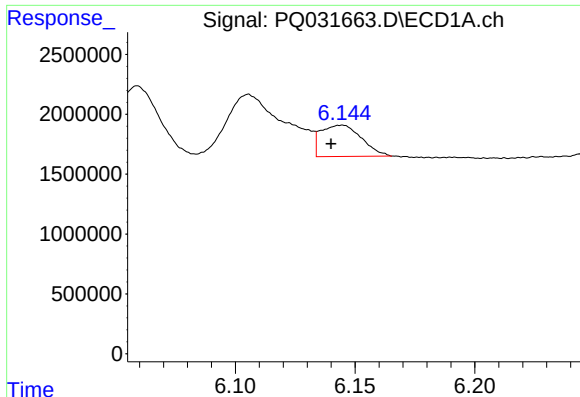
#12 AR-1232-2

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 9700985
Conc: 625.72 ng/ml



#12 AR-1232-2

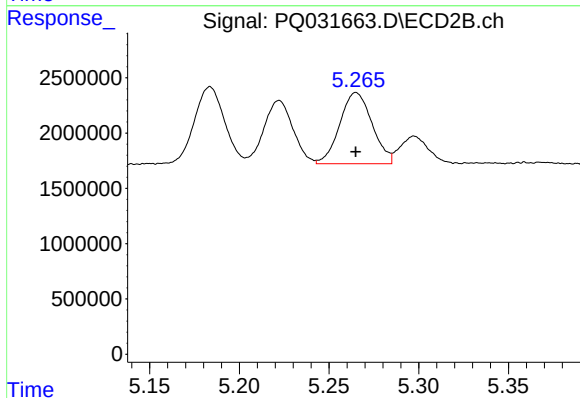
R.T.: 4.878 min
Delta R.T.: 0.001 min
Response: 1650816
Conc: 460.42 ng/ml



#13 AR-1232-3

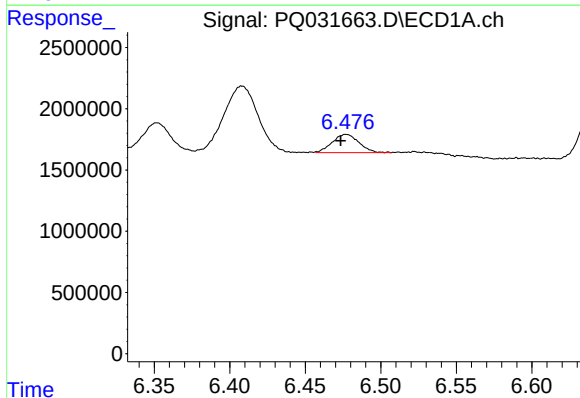
R.T.: 6.144 min
Delta R.T.: 0.004 min
Response: 3097551
Conc: 756.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



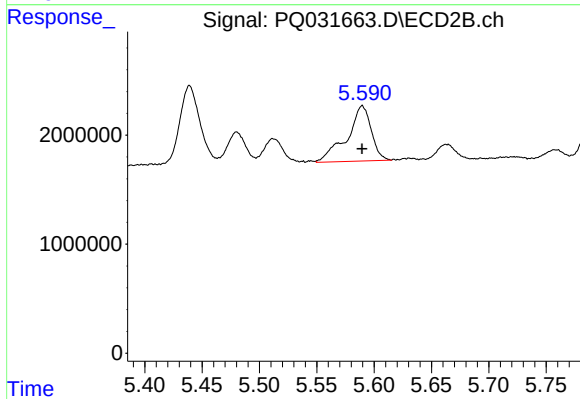
#13 AR-1232-3

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 8086743
Conc: 656.00 ng/ml



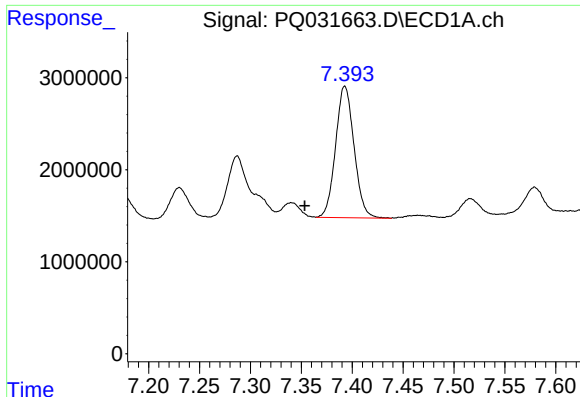
#14 AR-1232-4

R.T.: 6.477 min
Delta R.T.: 0.004 min
Response: 1838879
Conc: 414.08 ng/ml



#14 AR-1232-4

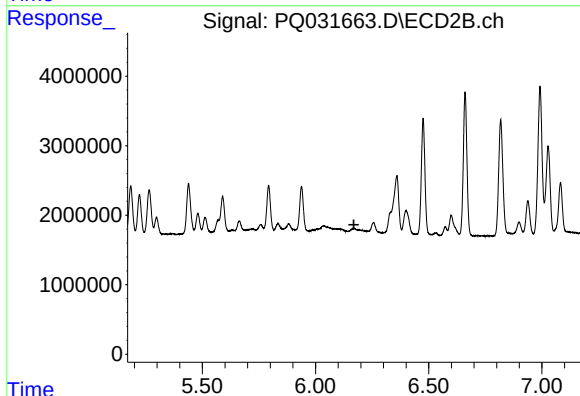
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 7465868
Conc: 494.59 ng/ml



#15 AR-1232-5

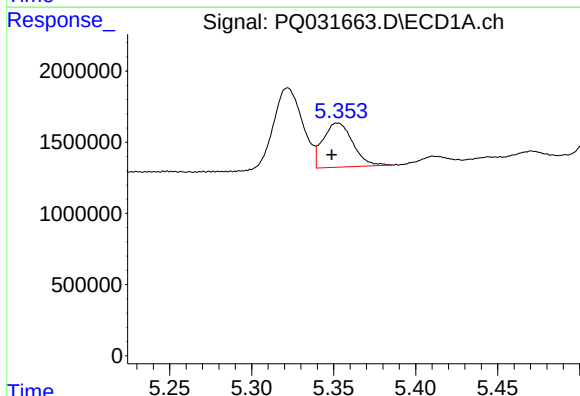
R.T.: 7.393 min
Delta R.T.: 0.039 min
Response: 18013405
Conc: 6775.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



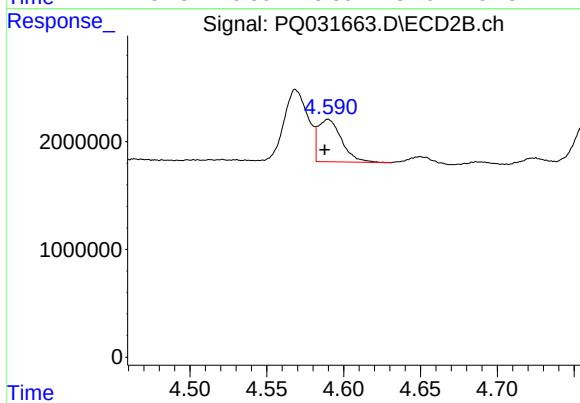
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



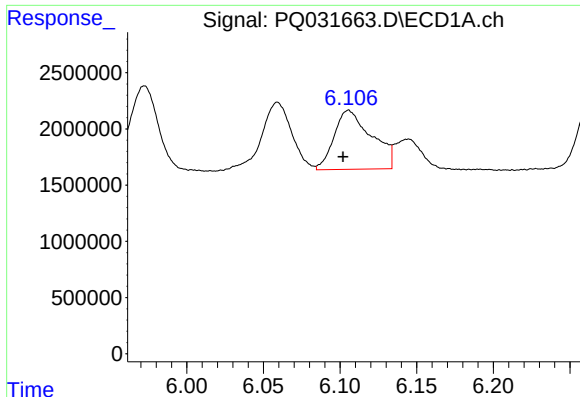
#16 AR-1242-1

R.T.: 5.352 min
Delta R.T.: 0.004 min
Response: 3923677
Conc: 214.60 ng/ml



#16 AR-1242-1

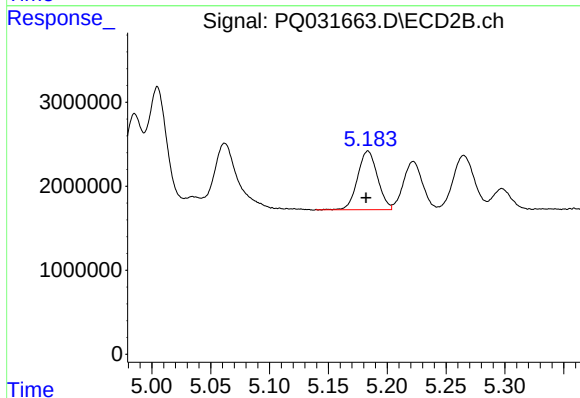
R.T.: 4.590 min
Delta R.T.: 0.002 min
Response: 4200756
Conc: 300.32 ng/ml



#17 AR-1242-2

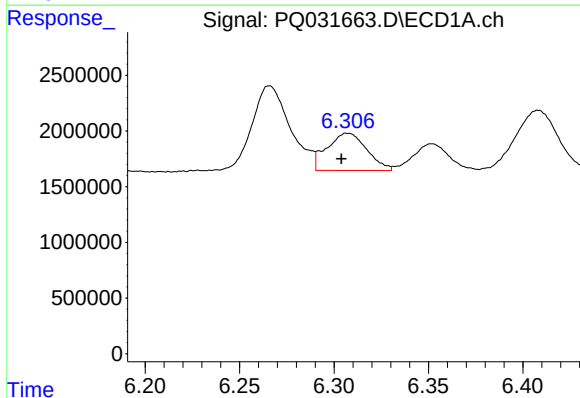
R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 8955411
Conc: 290.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



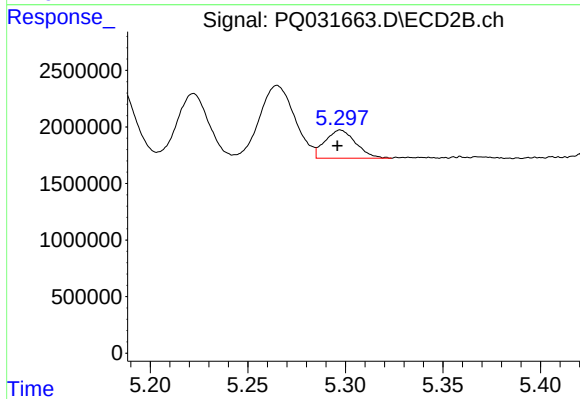
#17 AR-1242-2

R.T.: 5.184 min
Delta R.T.: 0.002 min
Response: 8216384
Conc: 286.33 ng/ml



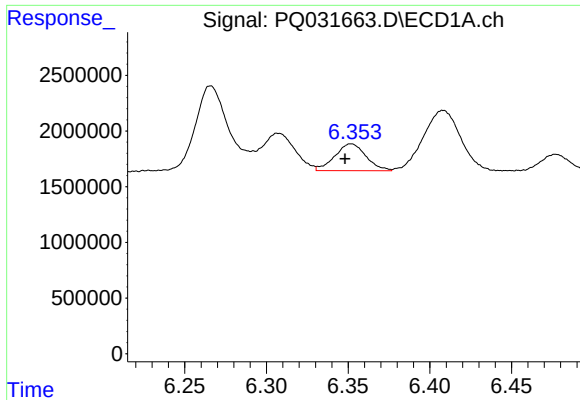
#18 AR-1242-3

R.T.: 6.307 min
Delta R.T.: 0.003 min
Response: 4917815
Conc: 305.04 ng/ml



#18 AR-1242-3

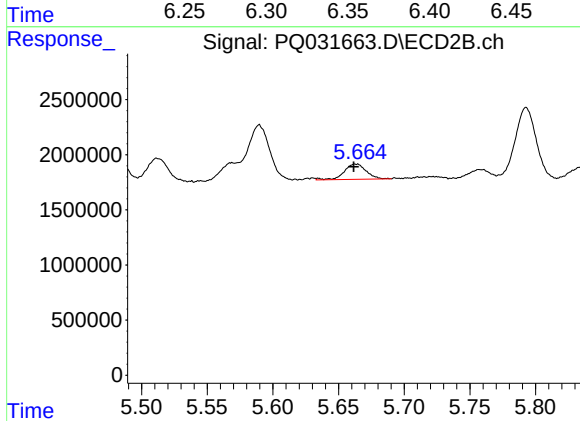
R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 2723732
Conc: 283.46 ng/ml



#19 AR-1242-4

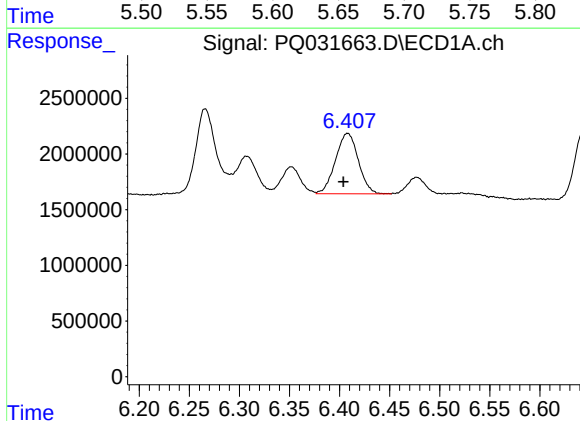
R.T.: 6.352 min
Delta R.T.: 0.004 min
Response: 3202380
Conc: 235.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



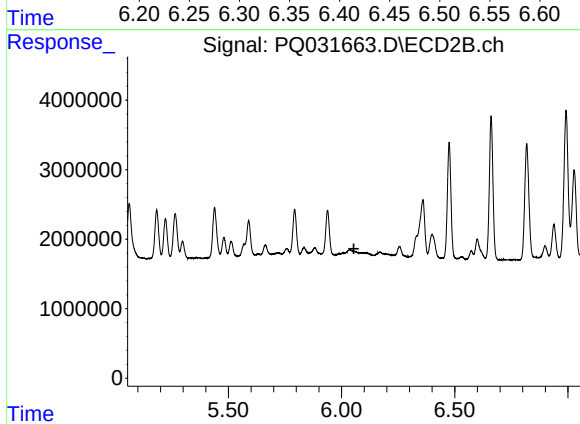
#19 AR-1242-4

R.T.: 5.663 min
Delta R.T.: 0.002 min
Response: 1606230
Conc: 182.62 ng/ml



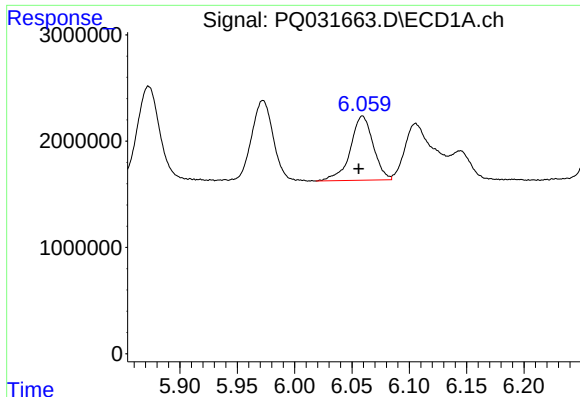
#20 AR-1242-5

R.T.: 6.408 min
Delta R.T.: 0.004 min
Response: 8609966
Conc: 219.56 ng/ml



#20 AR-1242-5

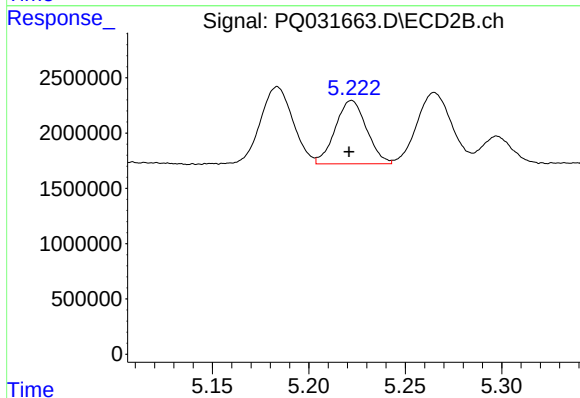
R.T.: 0.000 min
Exp R.T. : 6.054 min
Response: 0
Conc: N.D.



#21 AR-1248-1

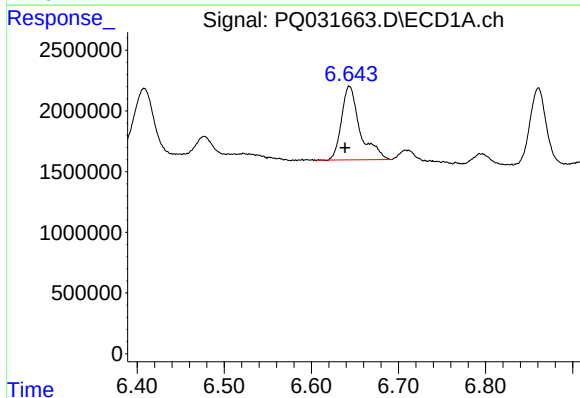
R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 8389918
Conc: 147.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



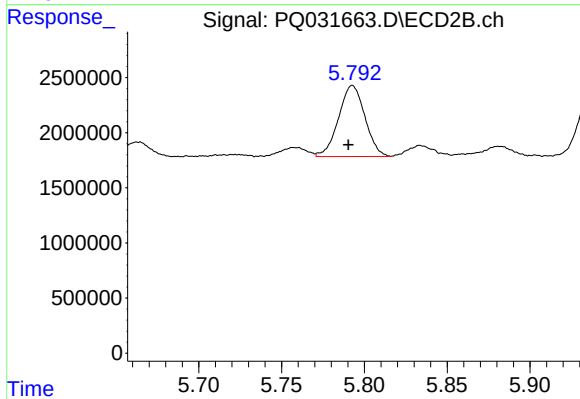
#21 AR-1248-1

R.T.: 5.222 min
Delta R.T.: 0.001 min
Response: 6485126
Conc: 137.36 ng/ml



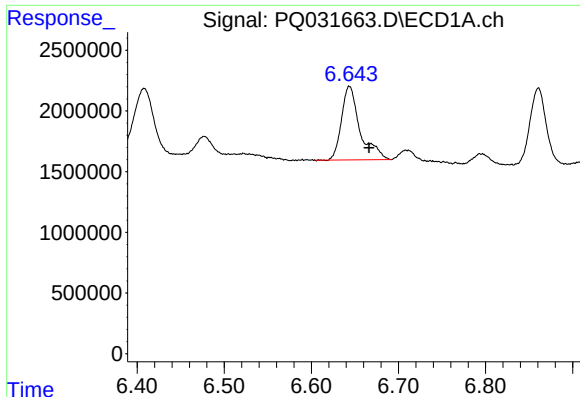
#22 AR-1248-2

R.T.: 6.644 min
Delta R.T.: 0.005 min
Response: 8943226
Conc: 150.56 ng/ml



#22 AR-1248-2

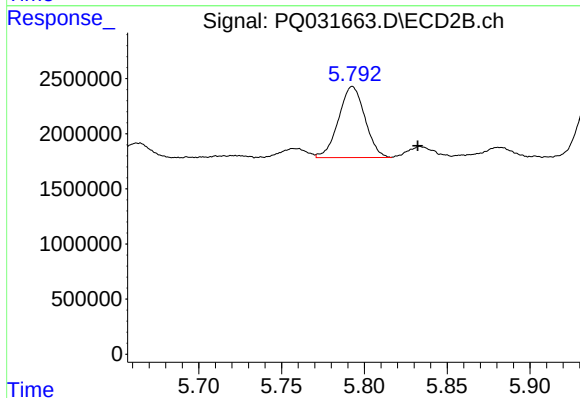
R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 7135372
Conc: 76.55 ng/ml



#23 AR-1248-3

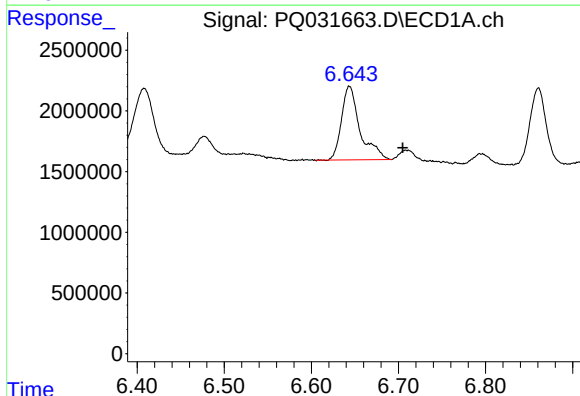
R.T.: 6.644 min
Delta R.T.: -0.022 min
Response: 8943226
Conc: 112.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



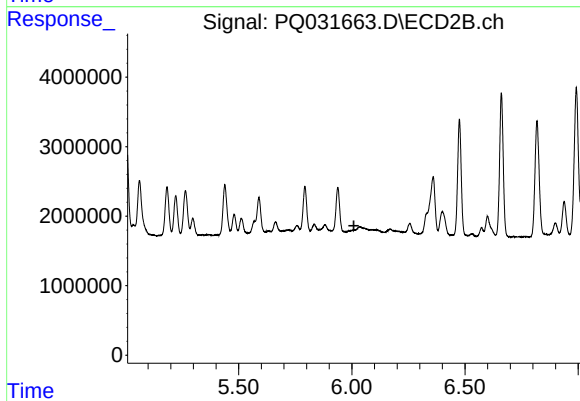
#23 AR-1248-3

R.T.: 5.793 min
Delta R.T.: -0.040 min
Response: 7135372
Conc: 111.63 ng/ml



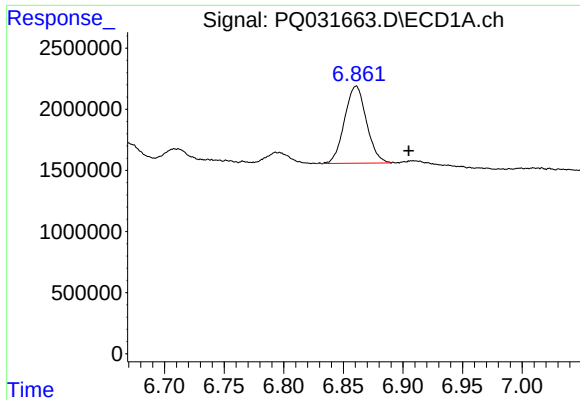
#24 AR-1248-4

R.T.: 6.644 min
Delta R.T.: -0.061 min
Response: 8943226
Conc: 117.50 ng/ml



#24 AR-1248-4

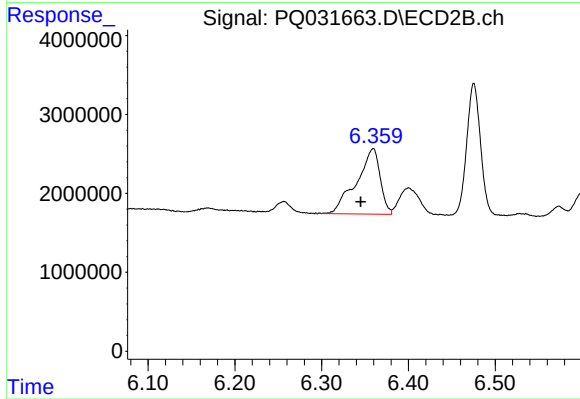
R.T.: 0.000 min
Exp R.T. : 6.009 min
Response: 0
Conc: N.D.



#25 AR-1248-5

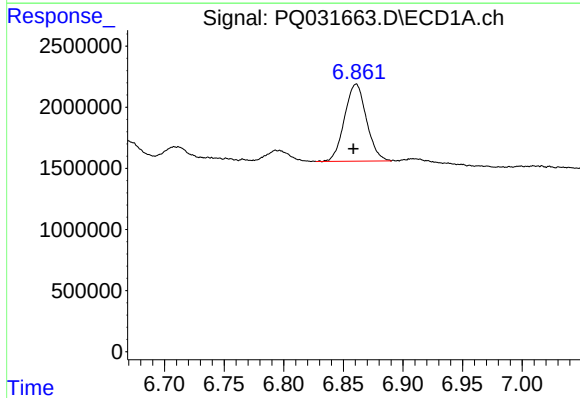
R.T.: 6.861 min
Delta R.T.: -0.044 min
Response: 8073487
Conc: 157.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



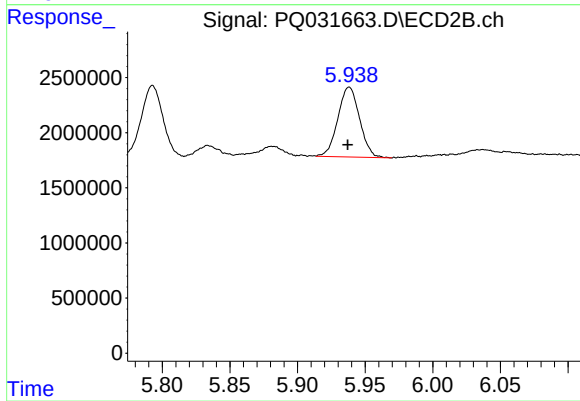
#25 AR-1248-5

R.T.: 6.359 min
Delta R.T.: 0.014 min
Response: 15737026
Conc: 340.74 ng/ml



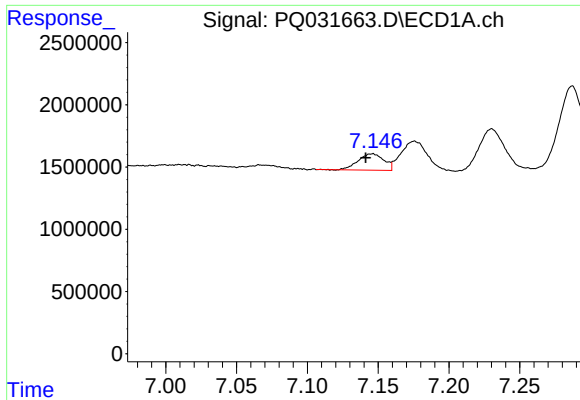
#26 AR-1254-1

R.T.: 6.861 min
Delta R.T.: 0.002 min
Response: 8073487
Conc: 55.66 ng/ml



#26 AR-1254-1

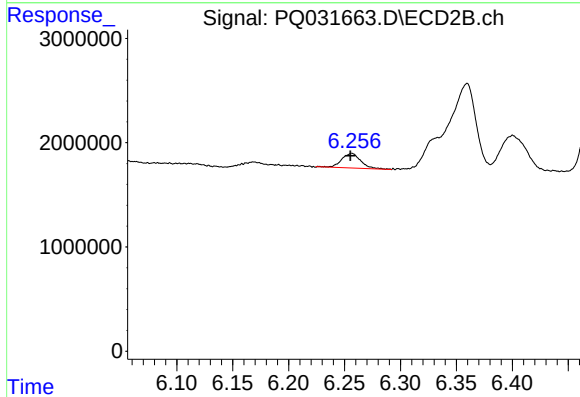
R.T.: 5.938 min
Delta R.T.: 0.001 min
Response: 7106850
Conc: 71.19 ng/ml



#27 AR-1254-2

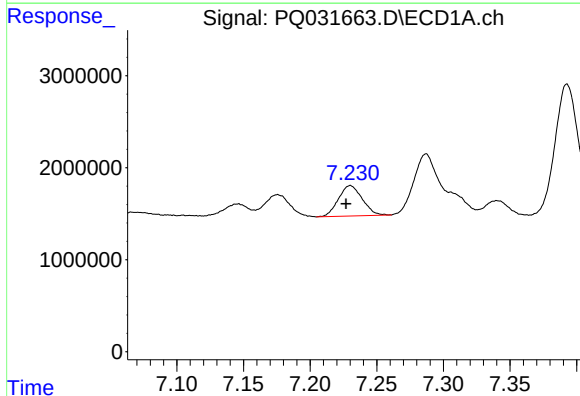
R.T.: 7.146 min
Delta R.T.: 0.004 min
Response: 1665620
Conc: 18.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



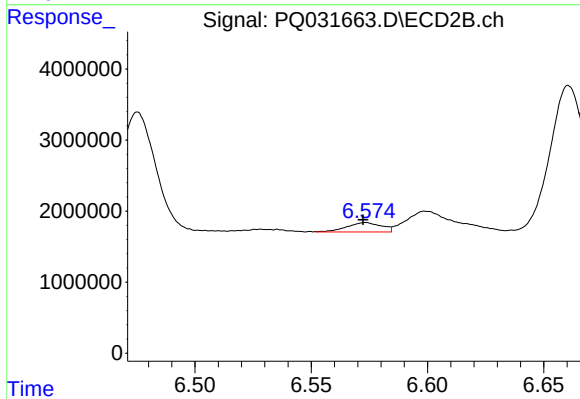
#27 AR-1254-2

R.T.: 6.257 min
Delta R.T.: 0.001 min
Response: 1661523
Conc: 18.95 ng/ml



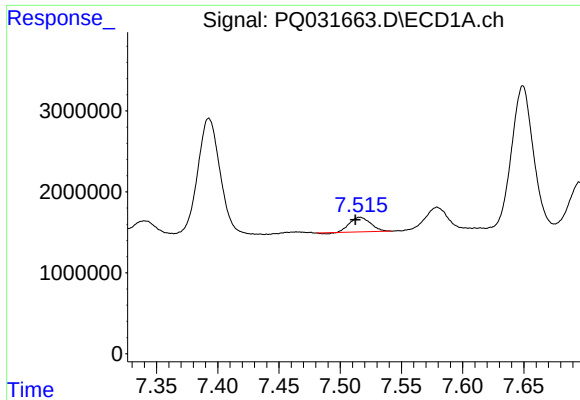
#28 AR-1254-3

R.T.: 7.230 min
Delta R.T.: 0.003 min
Response: 4103986
Conc: 25.04 ng/ml



#28 AR-1254-3

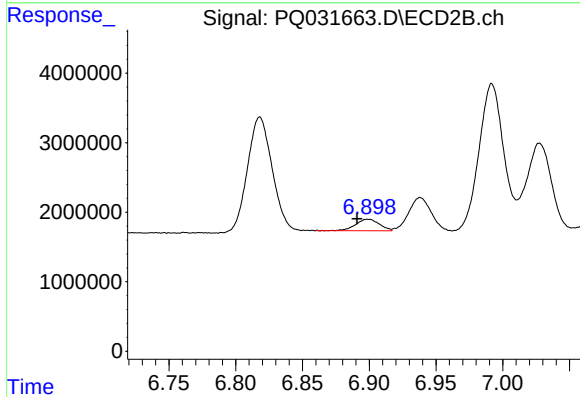
R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 1362985
Conc: 11.80 ng/ml



#29 AR-1254-4

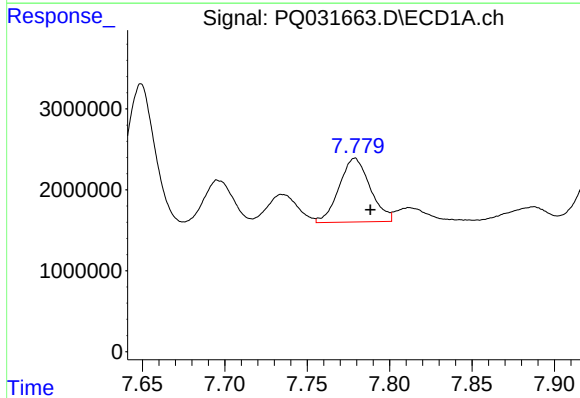
R.T.: 7.516 min
Delta R.T.: 0.004 min
Response: 2112695
Conc: 17.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



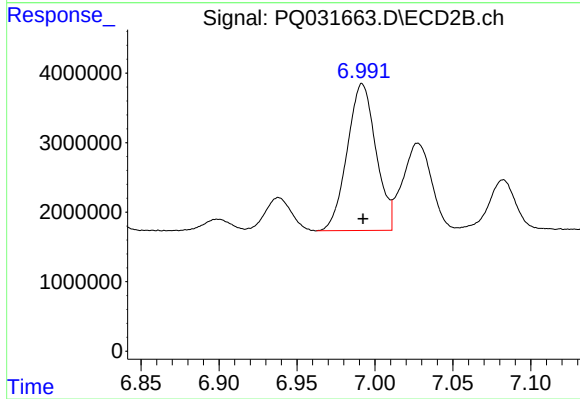
#29 AR-1254-4

R.T.: 6.899 min
Delta R.T.: 0.008 min
Response: 2016858
Conc: 24.29 ng/ml



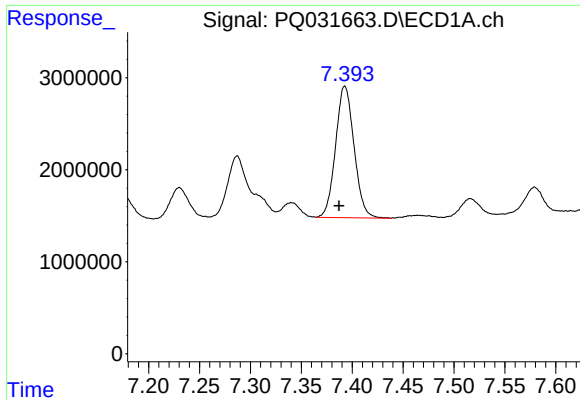
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: -0.009 min
Response: 10331769
Conc: 108.88 ng/ml



#30 AR-1254-5

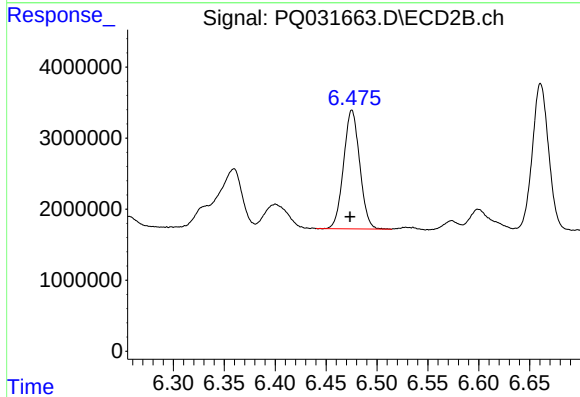
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 27081800
Conc: 162.89 ng/ml



#31 AR-1260-1

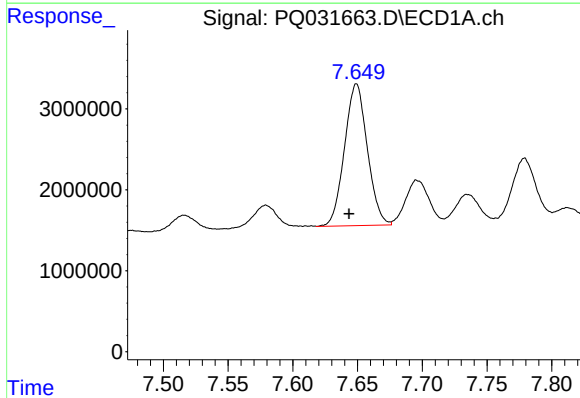
R.T.: 7.393 min
Delta R.T.: 0.006 min
Response: 18013405
Conc: 163.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



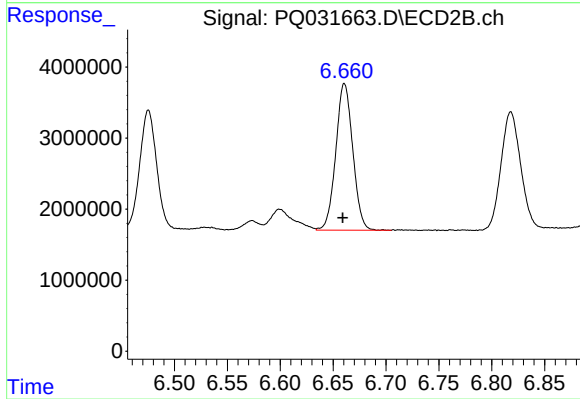
#31 AR-1260-1

R.T.: 6.475 min
Delta R.T.: 0.002 min
Response: 18458162
Conc: 182.75 ng/ml



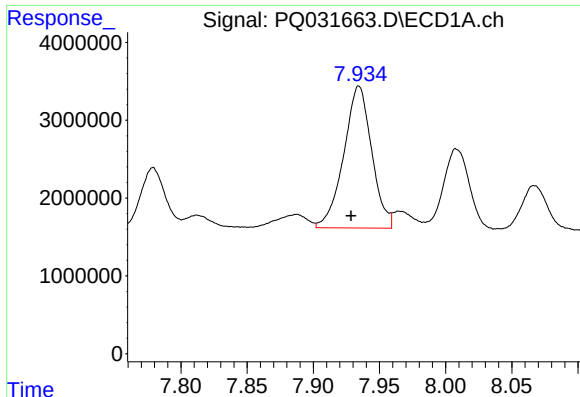
#32 AR-1260-2

R.T.: 7.649 min
Delta R.T.: 0.006 min
Response: 21501618
Conc: 162.29 ng/ml



#32 AR-1260-2

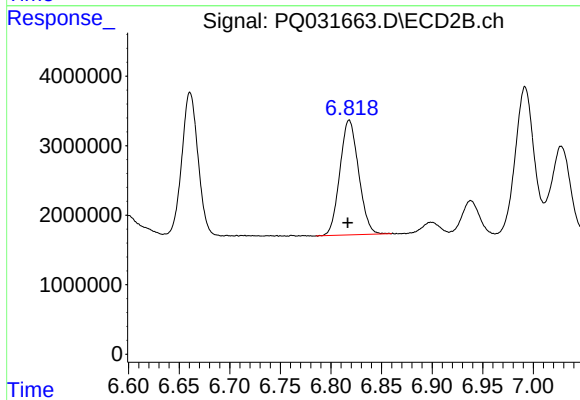
R.T.: 6.661 min
Delta R.T.: 0.002 min
Response: 23101576
Conc: 178.82 ng/ml



#33 AR-1260-3

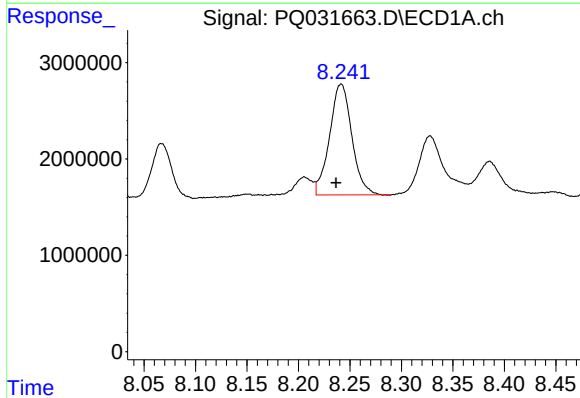
R.T.: 7.934 min
Delta R.T.: 0.006 min
Response: 26812426
Conc: 169.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



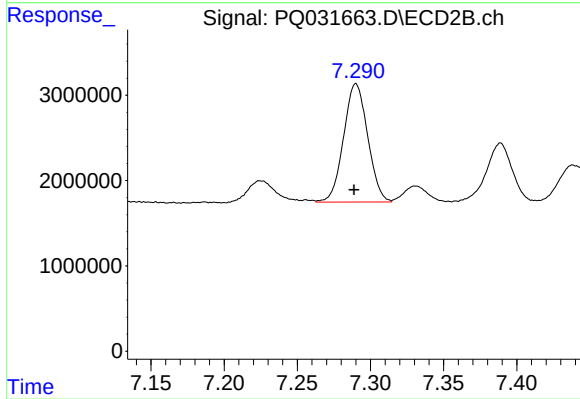
#33 AR-1260-3

R.T.: 6.818 min
Delta R.T.: 0.001 min
Response: 21275082
Conc: 176.93 ng/ml



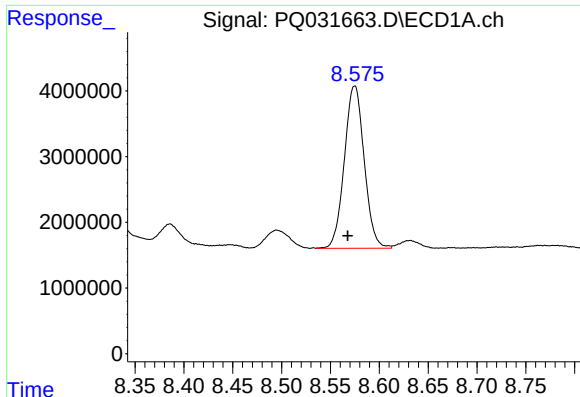
#34 AR-1260-4

R.T.: 8.241 min
Delta R.T.: 0.005 min
Response: 17322309
Conc: 148.13 ng/ml



#34 AR-1260-4

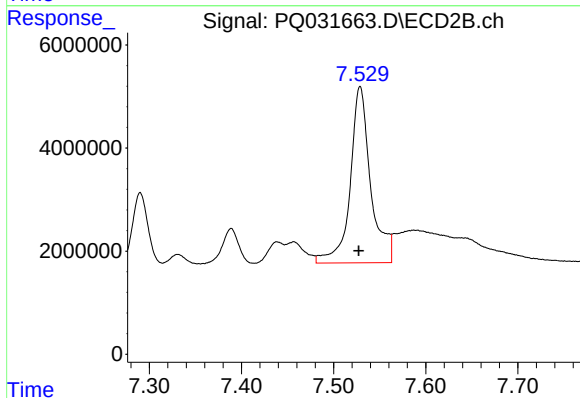
R.T.: 7.290 min
Delta R.T.: 0.001 min
Response: 15909767
Conc: 153.86 ng/ml



#35 AR-1260-5

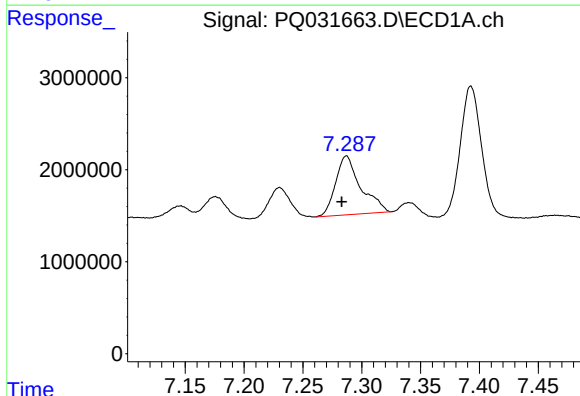
R.T.: 8.575 min
Delta R.T.: 0.007 min
Response: 34926872
Conc: 147.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



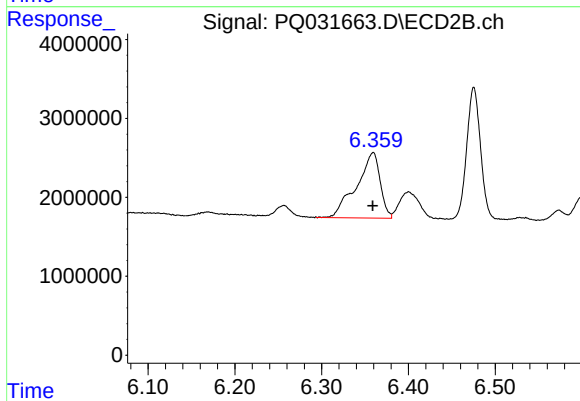
#35 AR-1260-5

R.T.: 7.529 min
Delta R.T.: 0.001 min
Response: 53009883
Conc: 208.18 ng/ml



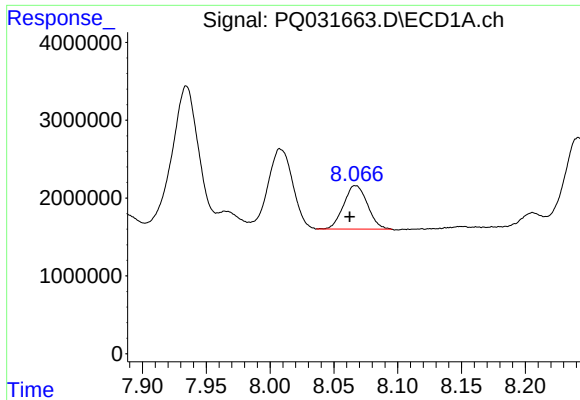
#36 AR-1262-1

R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 9514790
Conc: 165.19 ng/ml



#36 AR-1262-1

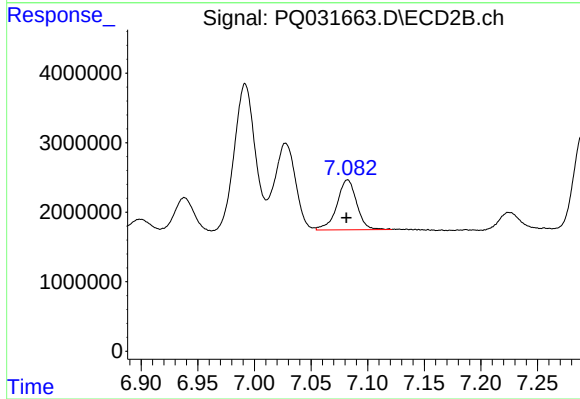
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 15737026
Conc: 313.60 ng/ml



#37 AR-1262-2

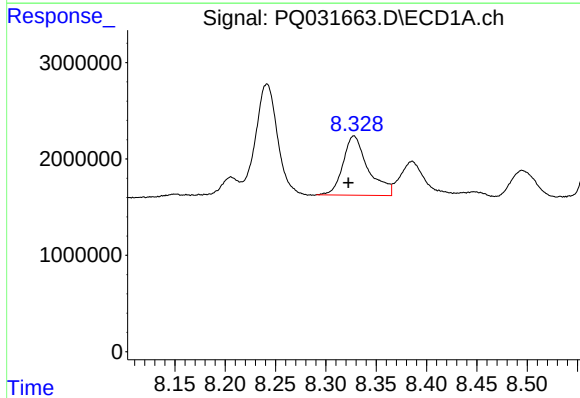
R.T.: 8.067 min
Delta R.T.: 0.005 min
Response: 7274895
Conc: 136.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



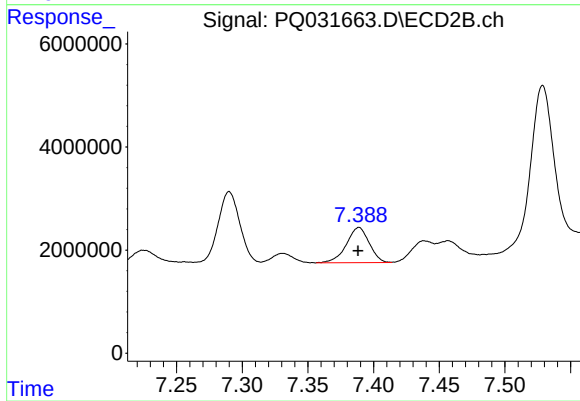
#37 AR-1262-2

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 8729717
Conc: 160.40 ng/ml



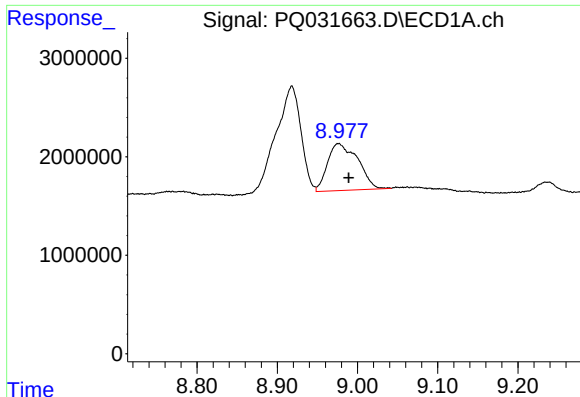
#38 AR-1262-3

R.T.: 8.328 min
Delta R.T.: 0.005 min
Response: 10708685
Conc: 175.06 ng/ml



#38 AR-1262-3

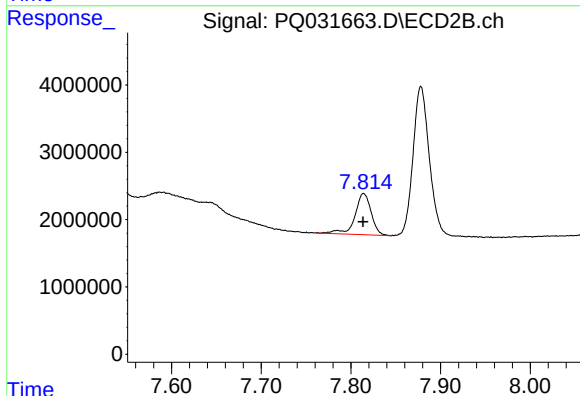
R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 8304512
Conc: 133.91 ng/ml



#39 AR-1262-4

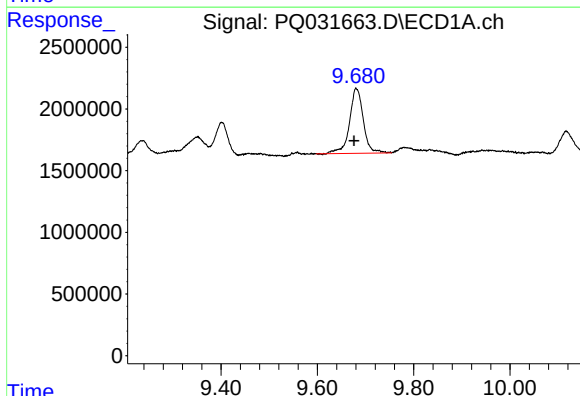
R.T.: 8.976 min
Delta R.T.: -0.012 min
Response: 12501739
Conc: 97.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



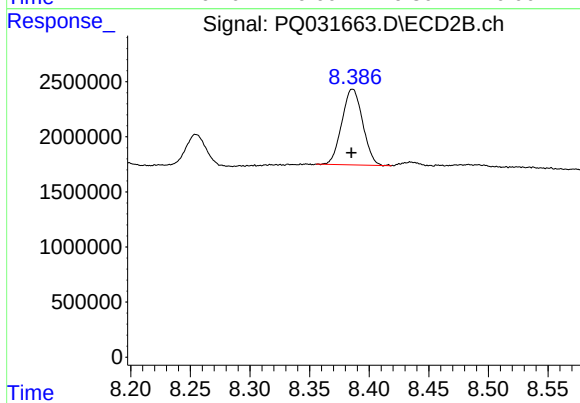
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 7718795
Conc: 73.70 ng/ml



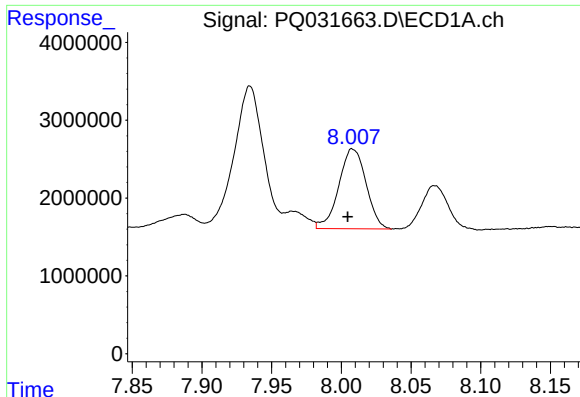
#40 AR-1262-5

R.T.: 9.681 min
Delta R.T.: 0.004 min
Response: 10489545
Conc: 108.80 ng/ml



#40 AR-1262-5

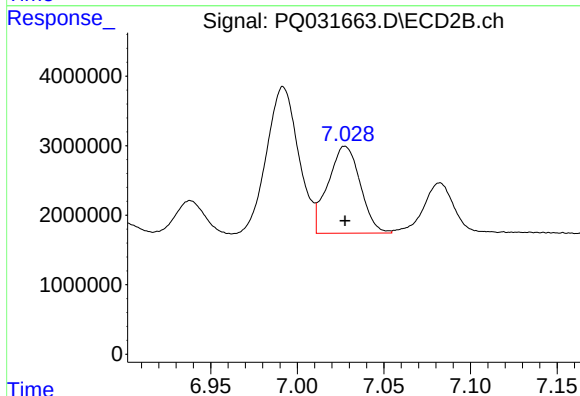
R.T.: 8.386 min
Delta R.T.: 0.001 min
Response: 8362229
Conc: 88.38 ng/ml



#41 AR-1268-1

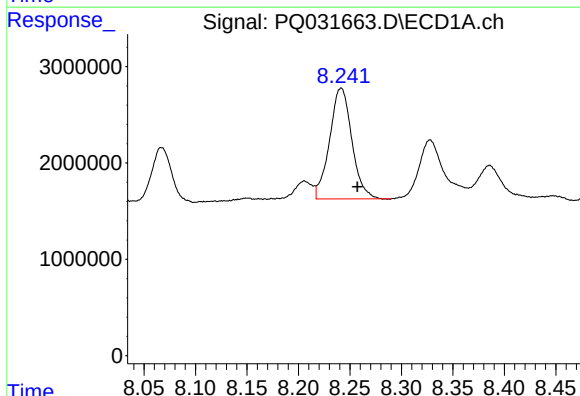
R.T.: 8.008 min
Delta R.T.: 0.004 min
Response: 14002529
Conc: 263.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



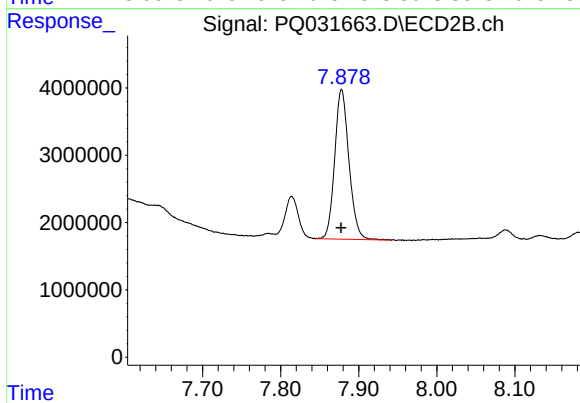
#41 AR-1268-1

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 16278657
Conc: 302.31 ng/ml



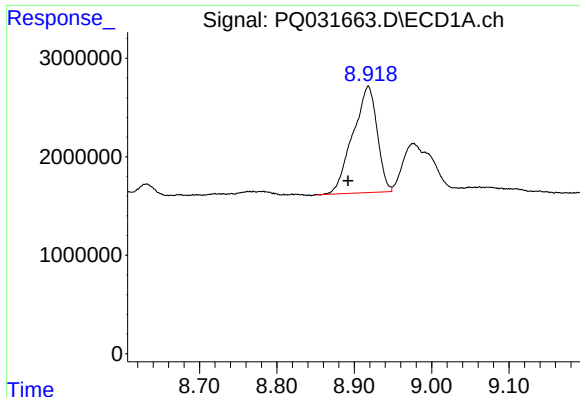
#42 AR-1268-2

R.T.: 8.241 min
Delta R.T.: -0.016 min
Response: 17322309
Conc: 248.19 ng/ml



#42 AR-1268-2

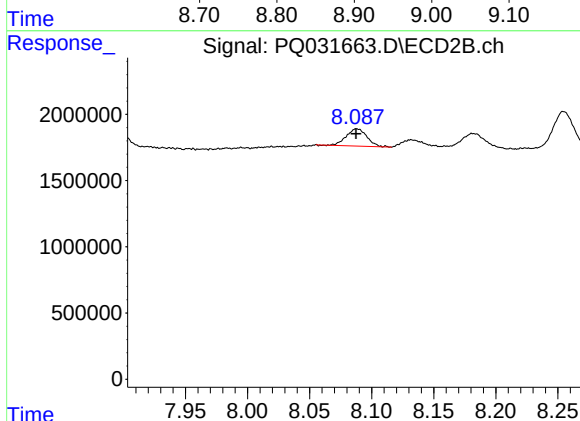
R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 28288934
Conc: 93.58 ng/ml



#43 AR-1268-3

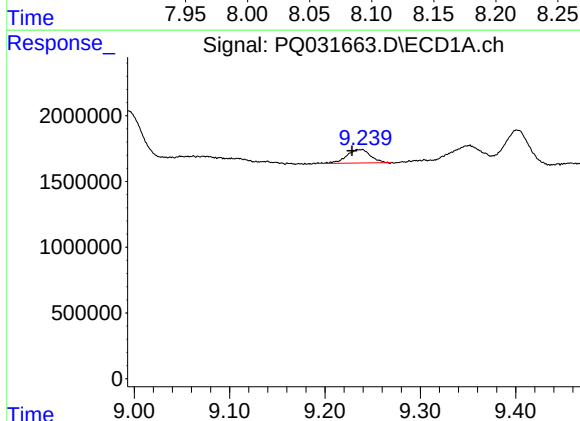
R.T.: 8.918 min
Delta R.T.: 0.026 min
Response: 23518007
Conc: 72.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



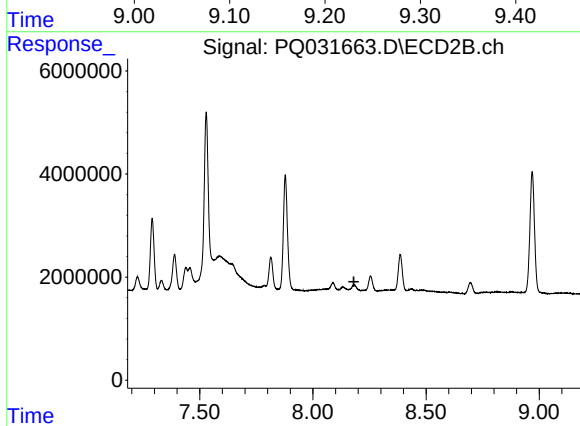
#43 AR-1268-3

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 1510704
Conc: 6.04 ng/ml



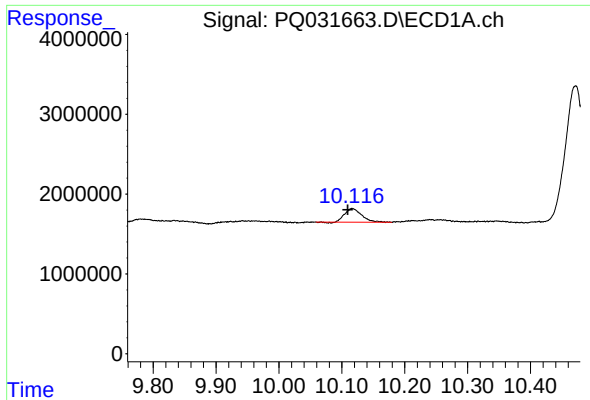
#44 AR-1268-4

R.T.: 9.235 min
Delta R.T.: 0.006 min
Response: 1755020
Conc: 7.02 ng/ml



#44 AR-1268-4

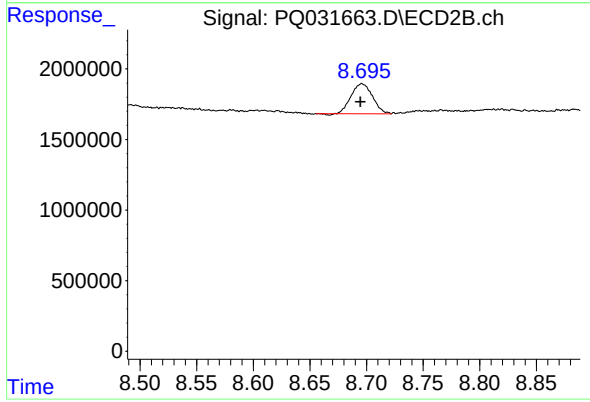
R.T.: 0.000 min
Exp R.T. : 8.181 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.116 min
Delta R.T.: 0.007 min
Response: 3222400
Conc: 3.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.696 min
Delta R.T.: 0.002 min
Response: 2784132
Conc: 3.31 ng/ml