

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
 Data File : PQ043113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2019 11:39
 Operator : SM\AJ
 Sample : K4556-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AQ8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 14:00:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.629	4.681	4494910	75870611	1.679	32.778 #
2)	SA Decachlor...	11.983	10.420	285.0E6	237.2E6	33.754	35.310
Target Compounds							
3)	L1 AR-1016-1	7.054	6.161	117.1E6	61681809	1126.740	625.315 #
4)	L1 AR-1016-2	7.085	6.161	184.7E6	61681809	1158.455	406.612 #
5)	L1 AR-1016-3	7.201	6.391	400.5E6	128.4E6	3942.358	1708.488 #
6)	L1 AR-1016-4	7.252	6.424	139.6E6	91765502	1741.949	1320.926
7)	L1 AR-1016-5	7.621	6.653	19587333	1675.9E6	239.105	18599.198 #
8)	L2 AR-1221-1	5.903	5.016	263.3E6	100.9E6	7771.659	3117.447 #
9)	L2 AR-1221-2	6.024	5.148	55165634	45676488	2333.771	1817.260
10)	L2 AR-1221-3	6.121	5.197	51965554	1715.0E6	630.176	20616.941 #
11)	L3 AR-1232-1	6.121	5.197	51965554	1715.0E6	727.230	22630.977 #
12)	L3 AR-1232-2	6.786	6.161	314.8E6	61681809	7977.441	736.482 #
13)	L3 AR-1232-3	7.085	6.391	184.7E6	128.4E6	2226.882	2984.320 #
14)	L3 AR-1232-4	7.294	6.543	373.5E6	721.5E6	8677.269	16829.501 #
15)	L3 AR-1232-5	7.391	6.653	47620181	1675.9E6	1664.525	37045.438 #
16)	L4 AR-1242-1	7.085	6.161	184.7E6	61681809	1815.195	626.636 #
17)	L4 AR-1242-2	7.085	6.161	184.7E6	61681809	1212.418	415.230 #
18)	L4 AR-1242-3	7.201	6.391	400.5E6	128.4E6	4196.979	1689.762 #
19)	L4 AR-1242-4	7.294	6.543	373.5E6	721.5E6	4852.629	8649.497 #
20)	L4 AR-1242-5	8.091	7.087	2319.6E6	99819325	24222.780	876.098 #
21)	L5 AR-1248-1	7.054	6.161	117.1E6	61681809	1480.859	778.131 #
22)	L5 AR-1248-2	7.391	6.424	47620181	91765502	420.740	775.195 #
23)	L5 AR-1248-3	7.621	6.543	19587333	721.5E6	144.876	5973.233 #
24)	L5 AR-1248-4	8.091	6.653	2319.6E6	1675.9E6	14315.200	11443.029
25)	L5 AR-1248-5	8.091	7.137	2319.6E6	74137042	14801.506	475.964 #
26)	L6 AR-1254-1	8.023	7.087	90214771	99819325	539.882	407.010
27)	L6 AR-1254-2	8.277	7.284	9219.3E6	7378.7E6	34278.757	33082.125
28)	L6 AR-1254-3	8.684	7.726	5044.4E6	6035.0E6	16748.738	16055.979
29)	L6 AR-1254-4	8.974	7.951	100.8E6	552.2E6	442.485	2283.809 #
30)	L6 AR-1254-5	9.371	8.399	2108.8E6	21052.8E6	7786.450	57045.828 #
31)	L7 AR-1260-1	8.841	7.839	62832105	2680.9E6	350.708	13828.678 #
32)	L7 AR-1260-2	9.110	8.054	6406.0E6	292.8E6	27238.805	1150.084 #
33)	L7 AR-1260-3	9.518	8.196	985.1E6	108.0E6	4609.898	474.049 #
34)	L7 AR-1260-4	9.718	8.711	72414261	30836070	307.128	142.921 #
35)	L7 AR-1260-5	10.070	9.003	45835136	118.5E6	80.431	203.233 #
36)	L8 AR-1262-1	9.518	8.540	985.1E6	3175951	2451.875	17.146 #
37)	L8 AR-1262-2	10.070	9.003	45835136	118.5E6	57.306	137.204 #
39)	L8 AR-1262-4	10.478	9.320	28566524	23773105	57.358	34.628 #
40)	L8 AR-1262-5	11.139	9.821	85246098	94407646	228.470	287.285 #
42)	L9 AR-1268-2	10.478	9.320	28566524	23773105	27.224	23.137
43)	L9 AR-1268-3	10.676	9.534	301.1E6	30266643	314.464	34.312 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
 Data File : PQ043113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2019 11:39
 Operator : SM\AJ
 Sample : K4556-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

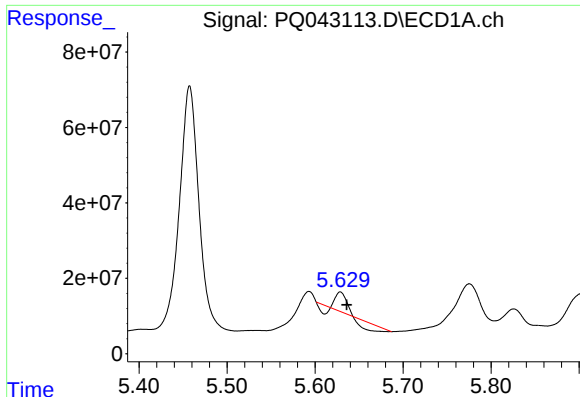
Instrument :
 ECD_Q
 ClientSampleId :
 C0AQ8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 14:00:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 2019
 Response via : Initial Calibration
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	11.139	9.821	85246098	94407646	212.514	264.952
45) L9	AR-1268-5	11.628	10.151	6184867	1832616	1.853	0.655 #

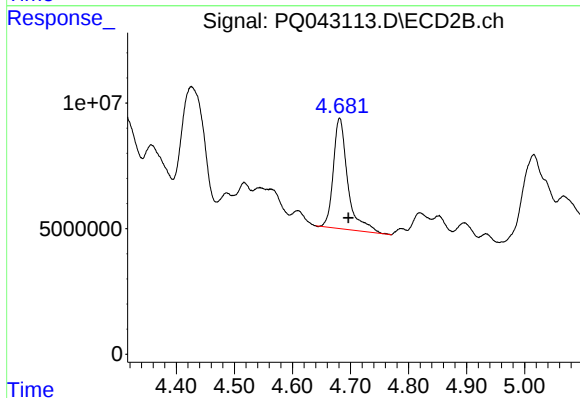
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

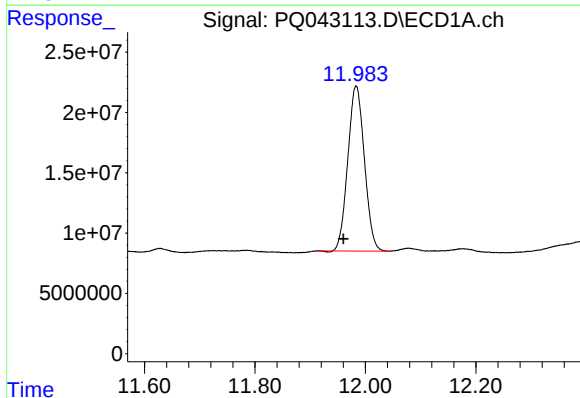
R.T.: 5.629 min
Delta R.T.: -0.007 min
Response: 4494910
Conc: 1.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



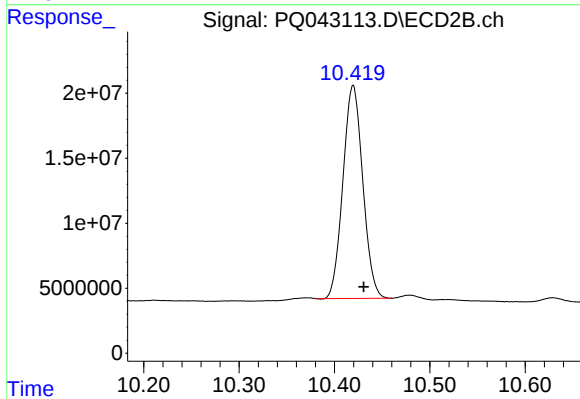
#1 Tetrachloro-m-xylene

R.T.: 4.681 min
Delta R.T.: -0.015 min
Response: 75870611
Conc: 32.78 ng/ml



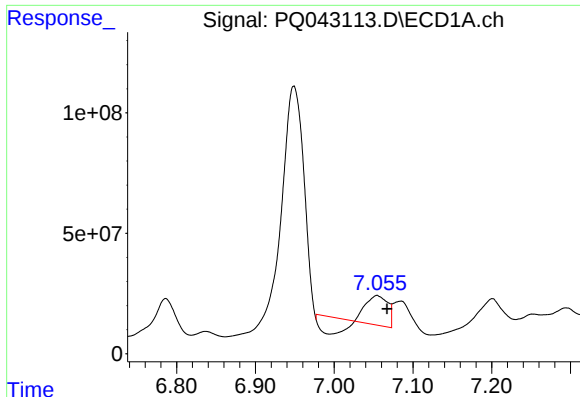
#2 Decachlorobiphenyl

R.T.: 11.983 min
Delta R.T.: 0.023 min
Response: 284958130
Conc: 33.75 ng/ml



#2 Decachlorobiphenyl

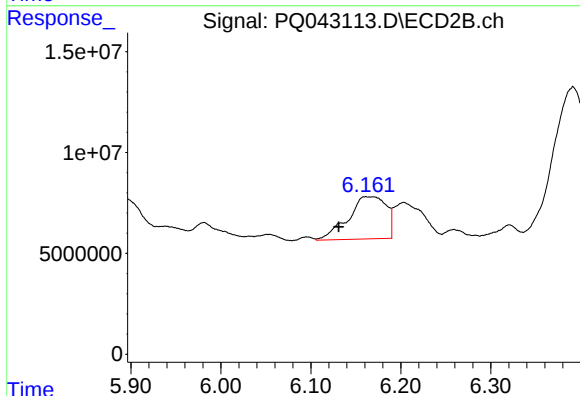
R.T.: 10.420 min
Delta R.T.: -0.011 min
Response: 237204085
Conc: 35.31 ng/ml



#3 AR-1016-1

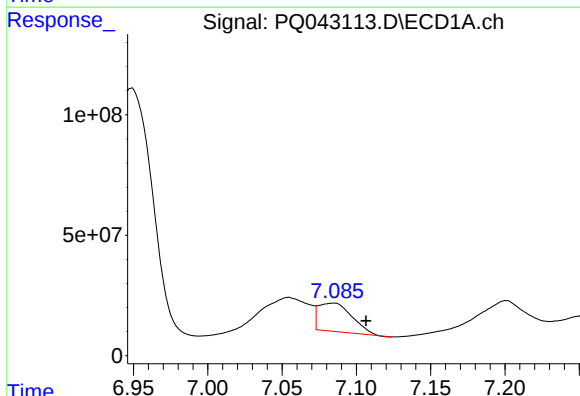
R.T.: 7.054 min
Delta R.T.: -0.013 min
Response: 117057733
Conc: 1126.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



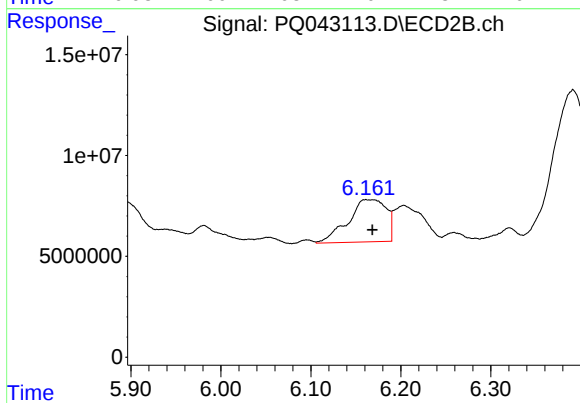
#3 AR-1016-1

R.T.: 6.161 min
Delta R.T.: 0.030 min
Response: 61681809
Conc: 625.31 ng/ml



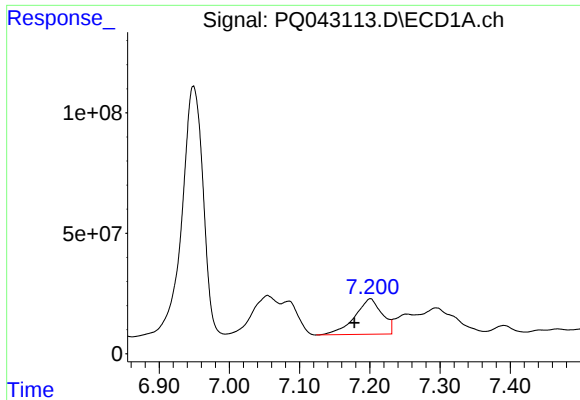
#4 AR-1016-2

R.T.: 7.085 min
Delta R.T.: -0.022 min
Response: 184688583
Conc: 1158.46 ng/ml



#4 AR-1016-2

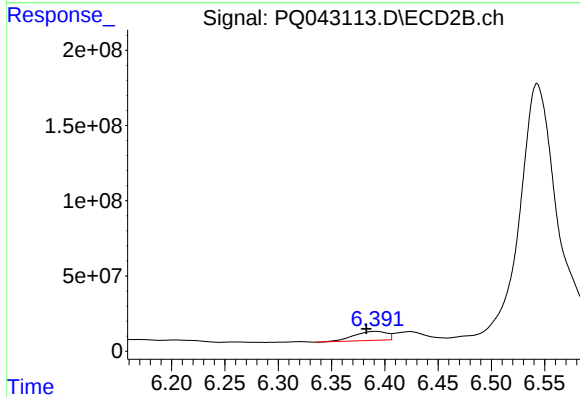
R.T.: 6.161 min
Delta R.T.: -0.007 min
Response: 61681809
Conc: 406.61 ng/ml



#5 AR-1016-3

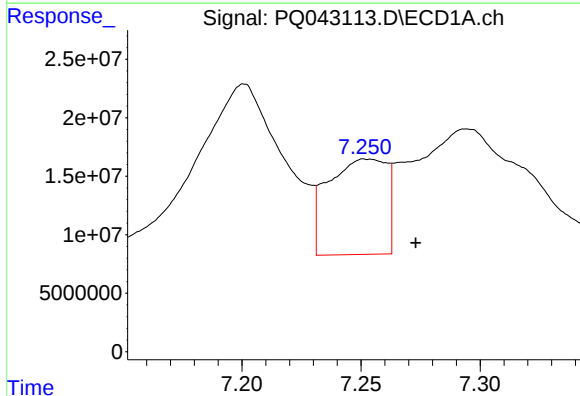
R.T.: 7.201 min
Delta R.T.: 0.023 min
Response: 400505154
Conc: 3942.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



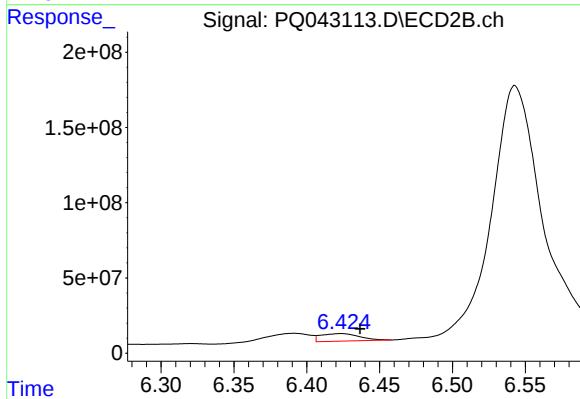
#5 AR-1016-3

R.T.: 6.391 min
Delta R.T.: 0.009 min
Response: 128416458
Conc: 1708.49 ng/ml



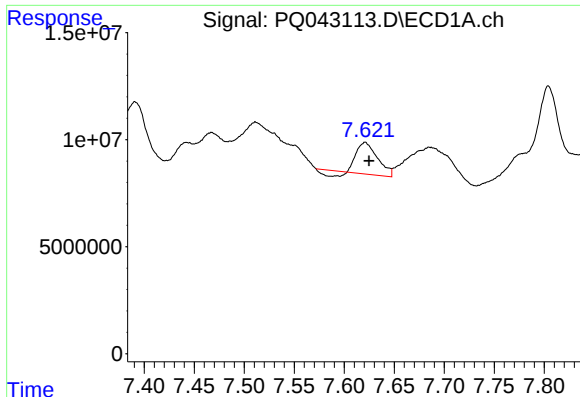
#6 AR-1016-4

R.T.: 7.252 min
Delta R.T.: -0.021 min
Response: 139560374
Conc: 1741.95 ng/ml



#6 AR-1016-4

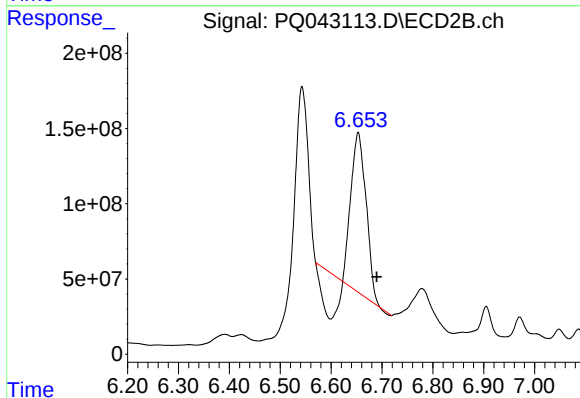
R.T.: 6.424 min
Delta R.T.: -0.013 min
Response: 91765502
Conc: 1320.93 ng/ml



#7 AR-1016-5

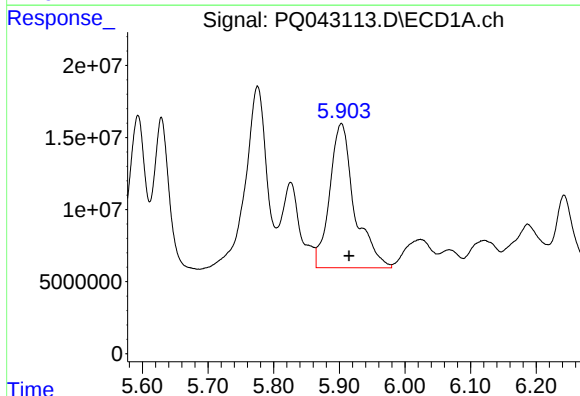
R.T.: 7.621 min
Delta R.T.: -0.004 min
Response: 19587333
Conc: 239.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



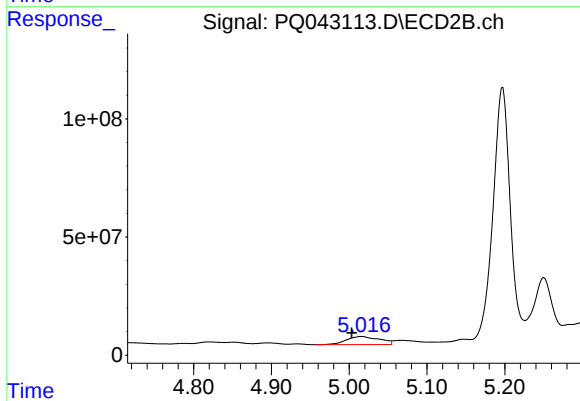
#7 AR-1016-5

R.T.: 6.653 min
Delta R.T.: -0.036 min
Response: 1675860019
Conc: 18599.20 ng/ml



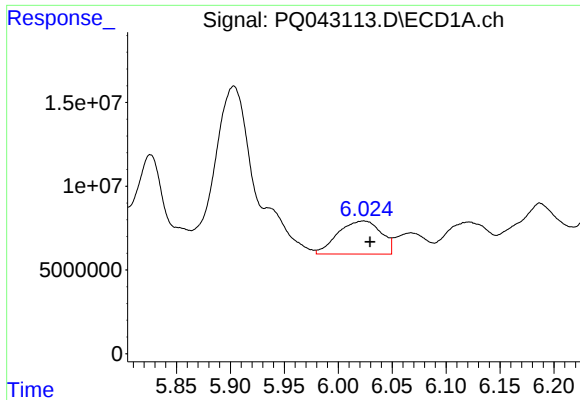
#8 AR-1221-1

R.T.: 5.903 min
Delta R.T.: -0.012 min
Response: 263293423
Conc: 7771.66 ng/ml



#8 AR-1221-1

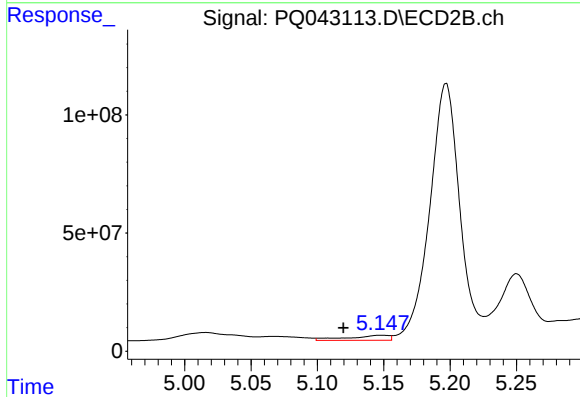
R.T.: 5.016 min
Delta R.T.: 0.013 min
Response: 100880253
Conc: 3117.45 ng/ml



#9 AR-1221-2

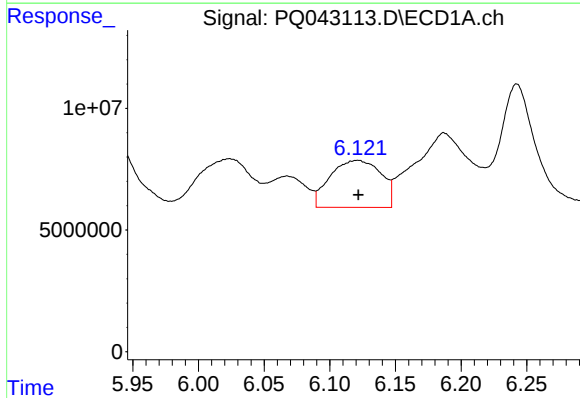
R.T.: 6.024 min
Delta R.T.: -0.006 min
Response: 55165634
Conc: 2333.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



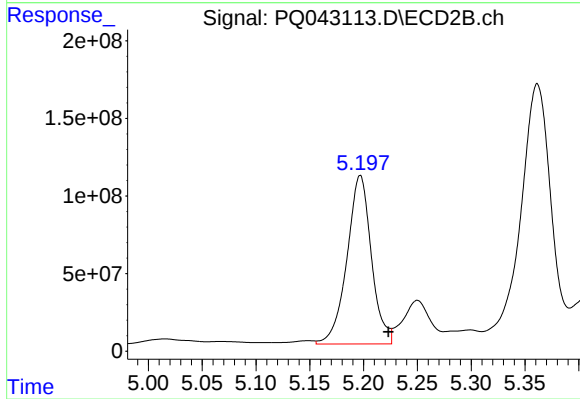
#9 AR-1221-2

R.T.: 5.148 min
Delta R.T.: 0.029 min
Response: 45676488
Conc: 1817.26 ng/ml



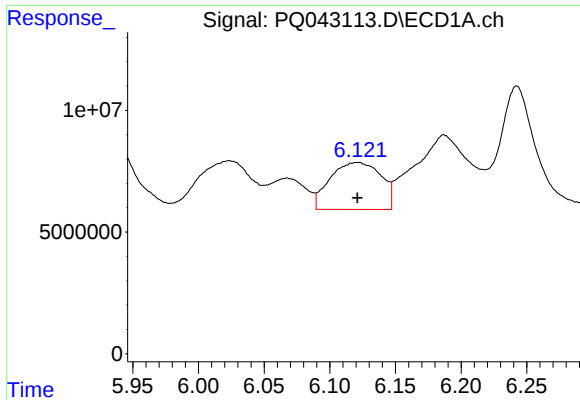
#10 AR-1221-3

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 51965554
Conc: 630.18 ng/ml



#10 AR-1221-3

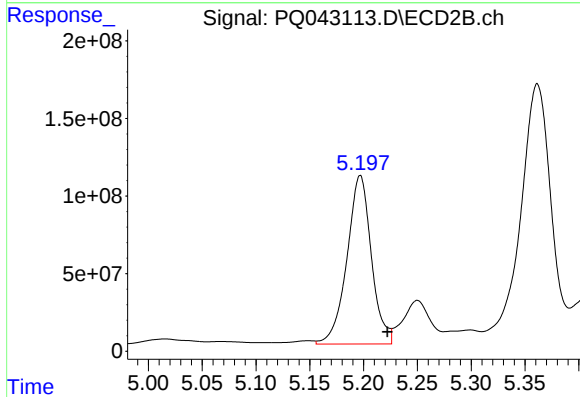
R.T.: 5.197 min
Delta R.T.: -0.026 min
Response: 1714990662
Conc: 20616.94 ng/ml



#11 AR-1232-1

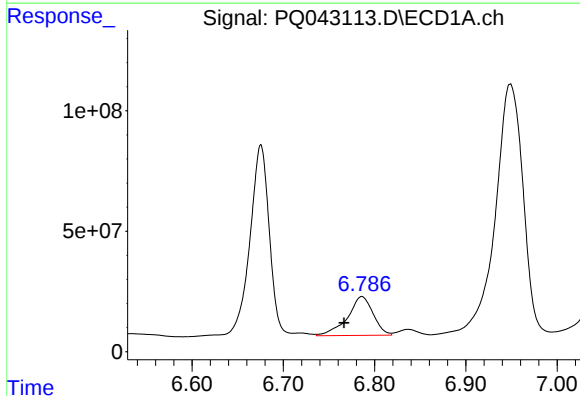
R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 51965554
Conc: 727.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



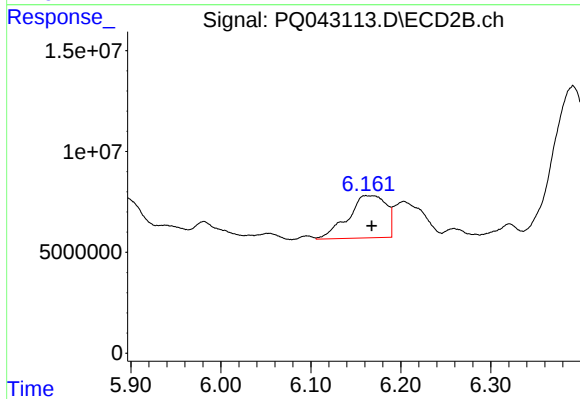
#11 AR-1232-1

R.T.: 5.197 min
Delta R.T.: -0.025 min
Response: 1714990662
Conc: 22630.98 ng/ml



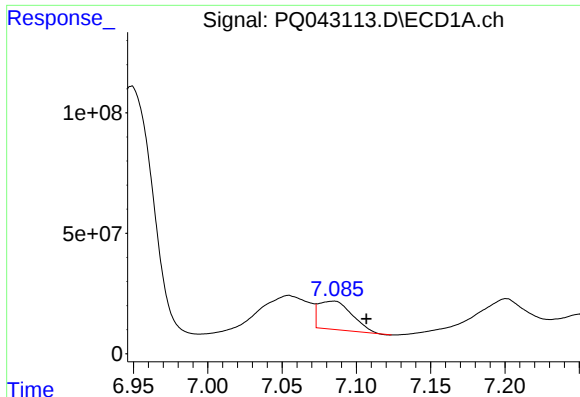
#12 AR-1232-2

R.T.: 6.786 min
Delta R.T.: 0.019 min
Response: 314762577
Conc: 7977.44 ng/ml



#12 AR-1232-2

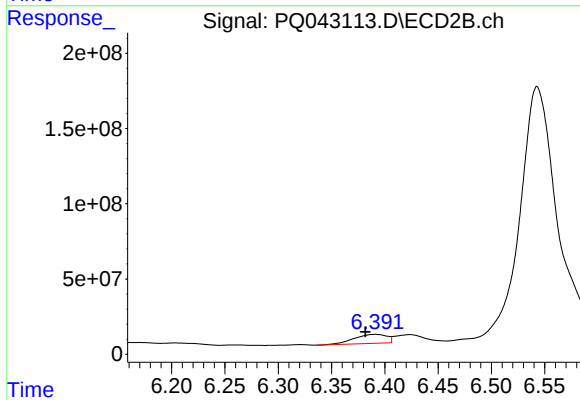
R.T.: 6.161 min
Delta R.T.: -0.006 min
Response: 61681809
Conc: 736.48 ng/ml



#13 AR-1232-3

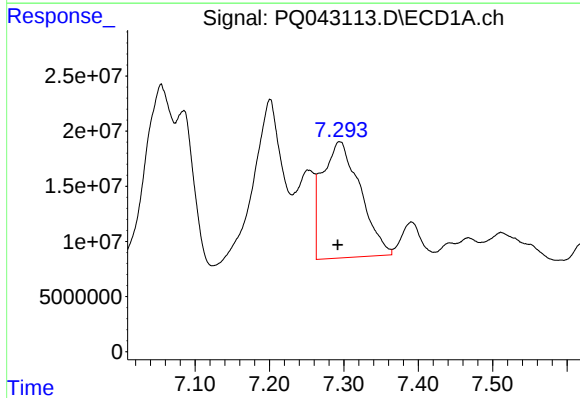
R.T.: 7.085 min
Delta R.T.: -0.022 min
Response: 184688583
Conc: 2226.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



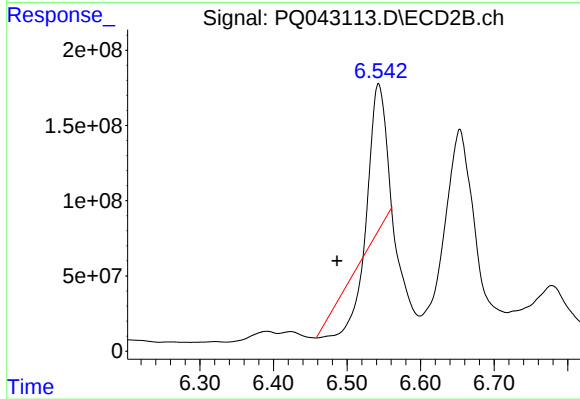
#13 AR-1232-3

R.T.: 6.391 min
Delta R.T.: 0.009 min
Response: 128416458
Conc: 2984.32 ng/ml



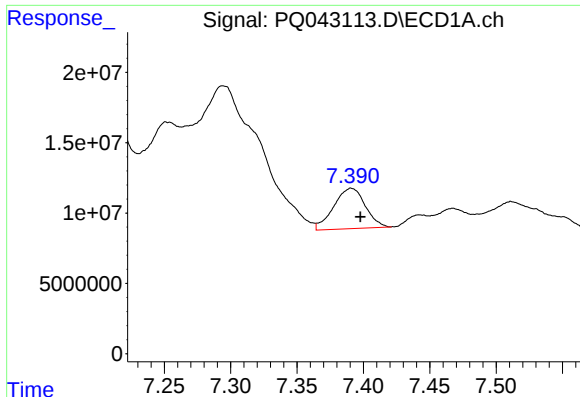
#14 AR-1232-4

R.T.: 7.294 min
Delta R.T.: 0.003 min
Response: 373547629
Conc: 8677.27 ng/ml



#14 AR-1232-4

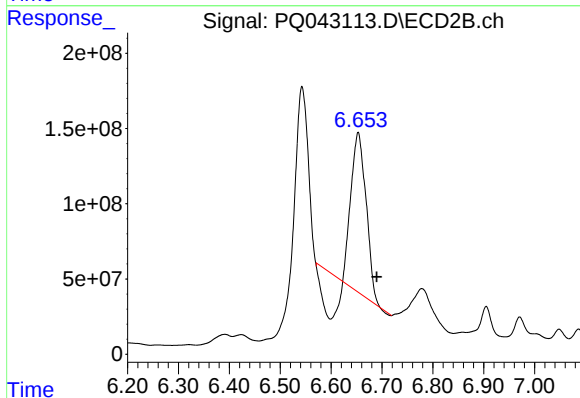
R.T.: 6.543 min
Delta R.T.: 0.057 min
Response: 721471769
Conc: 16829.50 ng/ml



#15 AR-1232-5

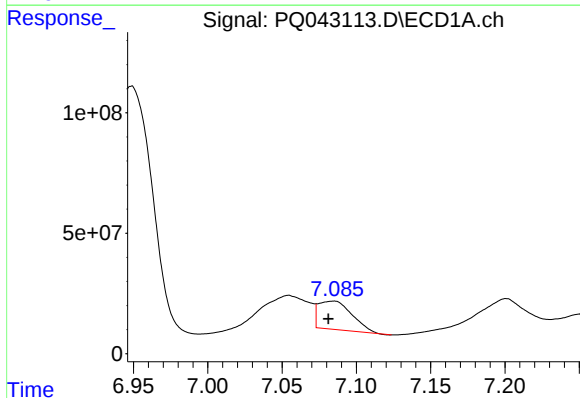
R.T.: 7.391 min
Delta R.T.: -0.007 min
Response: 47620181
Conc: 1664.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



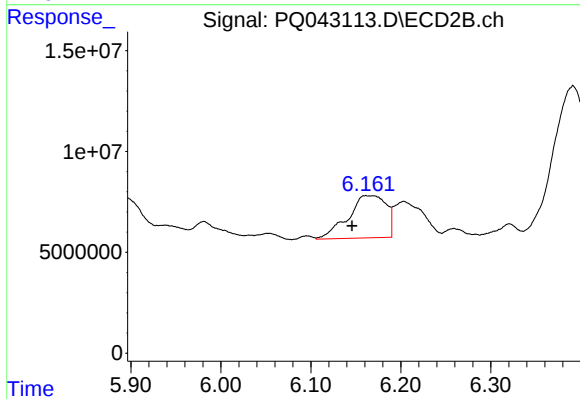
#15 AR-1232-5

R.T.: 6.653 min
Delta R.T.: -0.036 min
Response: 1675860019
Conc: 37045.44 ng/ml



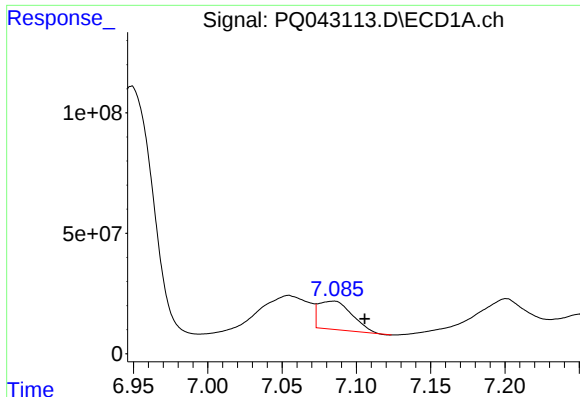
#16 AR-1242-1

R.T.: 7.085 min
Delta R.T.: 0.004 min
Response: 184688583
Conc: 1815.19 ng/ml



#16 AR-1242-1

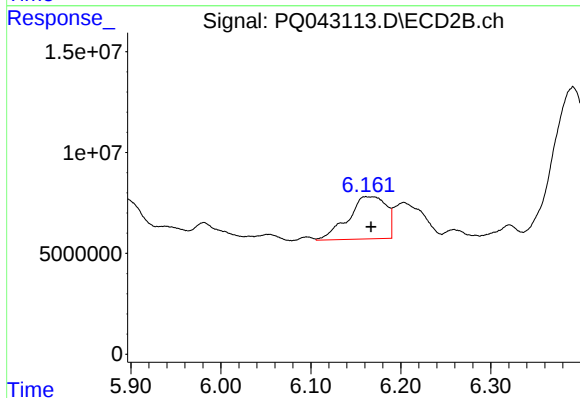
R.T.: 6.161 min
Delta R.T.: 0.015 min
Response: 61681809
Conc: 626.64 ng/ml



#17 AR-1242-2

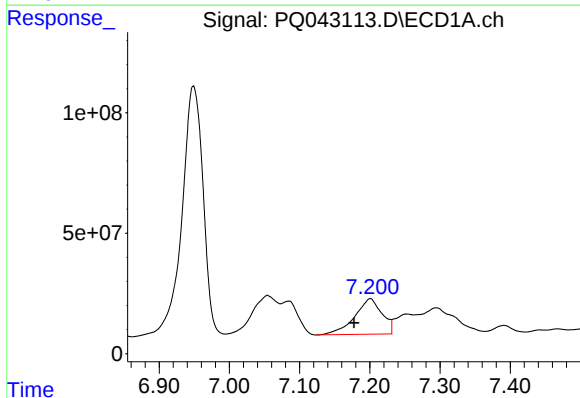
R.T.: 7.085 min
Delta R.T.: -0.021 min
Response: 184688583
Conc: 1212.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



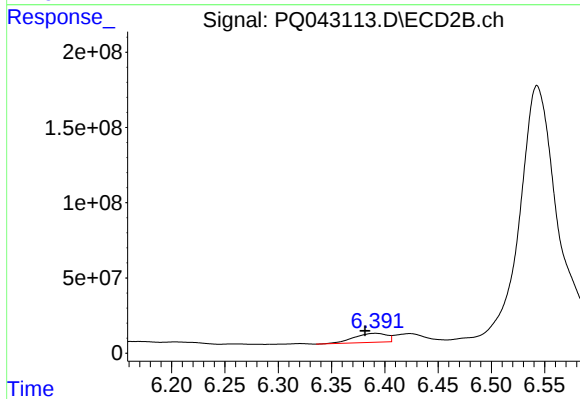
#17 AR-1242-2

R.T.: 6.161 min
Delta R.T.: -0.006 min
Response: 61681809
Conc: 415.23 ng/ml



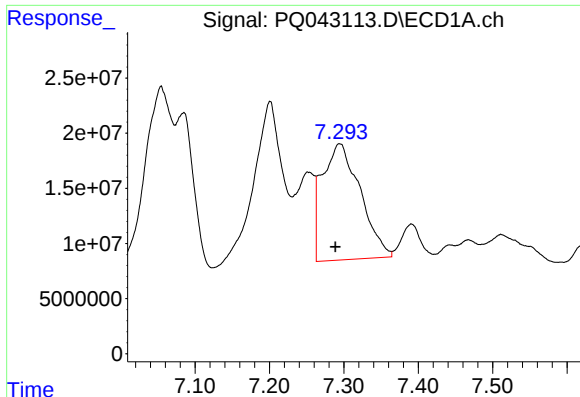
#18 AR-1242-3

R.T.: 7.201 min
Delta R.T.: 0.023 min
Response: 400505154
Conc: 4196.98 ng/ml



#18 AR-1242-3

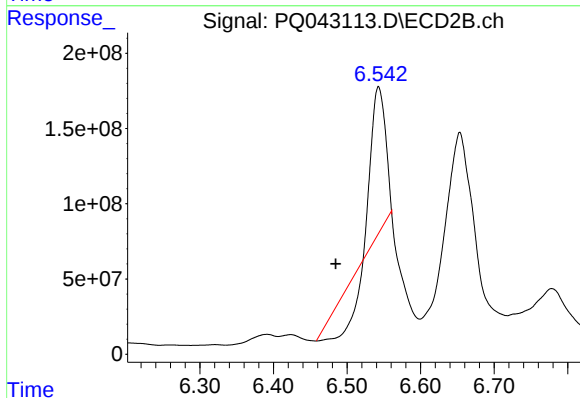
R.T.: 6.391 min
Delta R.T.: 0.010 min
Response: 128416458
Conc: 1689.76 ng/ml



#19 AR-1242-4

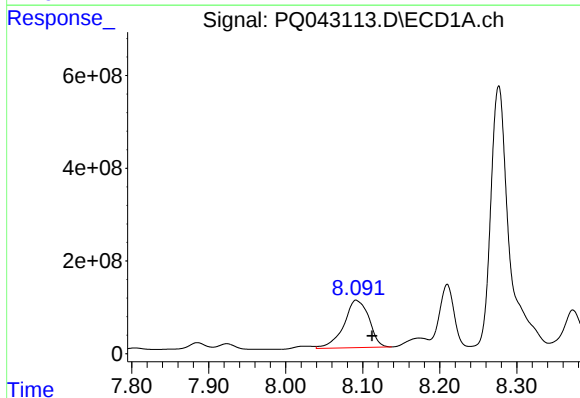
R.T.: 7.294 min
Delta R.T.: 0.006 min
Response: 373547629
Conc: 4852.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



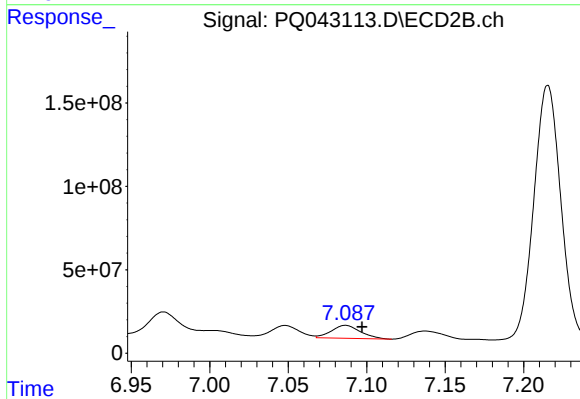
#19 AR-1242-4

R.T.: 6.543 min
Delta R.T.: 0.058 min
Response: 721471769
Conc: 8649.50 ng/ml



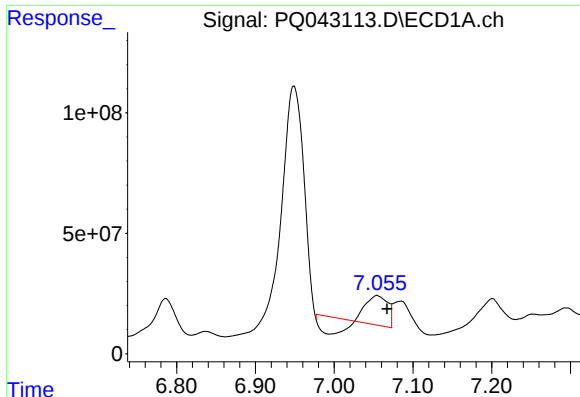
#20 AR-1242-5

R.T.: 8.091 min
Delta R.T.: -0.021 min
Response: 2319600985
Conc: 24222.78 ng/ml



#20 AR-1242-5

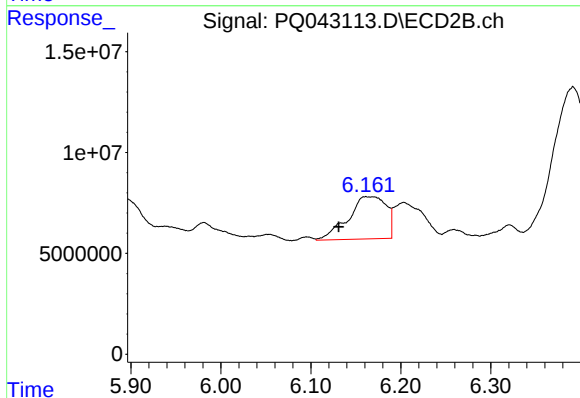
R.T.: 7.087 min
Delta R.T.: -0.011 min
Response: 99819325
Conc: 876.10 ng/ml



#21 AR-1248-1

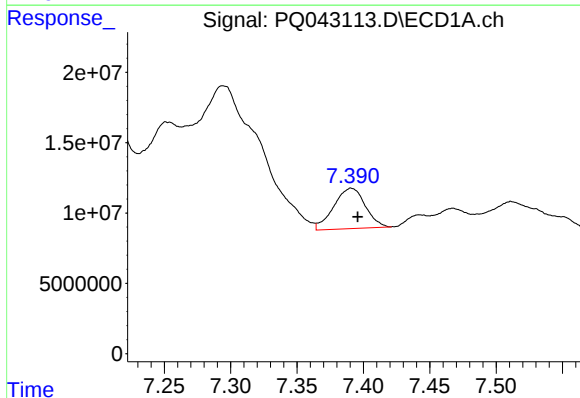
R.T.: 7.054 min
Delta R.T.: -0.013 min
Response: 117057733
Conc: 1480.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



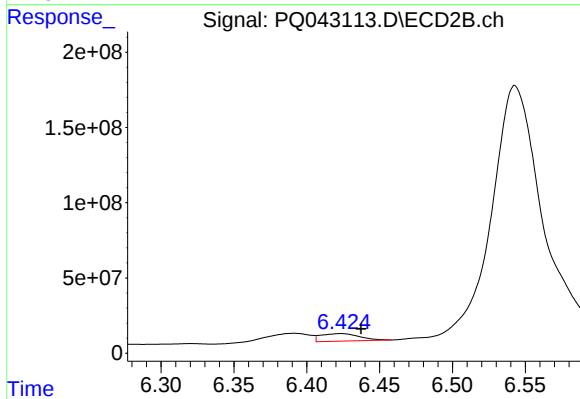
#21 AR-1248-1

R.T.: 6.161 min
Delta R.T.: 0.030 min
Response: 61681809
Conc: 778.13 ng/ml



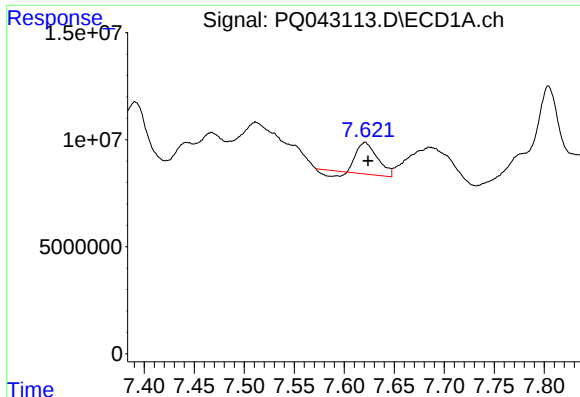
#22 AR-1248-2

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 47620181
Conc: 420.74 ng/ml



#22 AR-1248-2

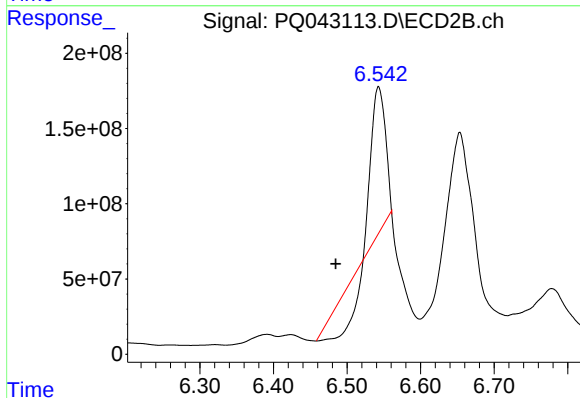
R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 91765502
Conc: 775.20 ng/ml



#23 AR-1248-3

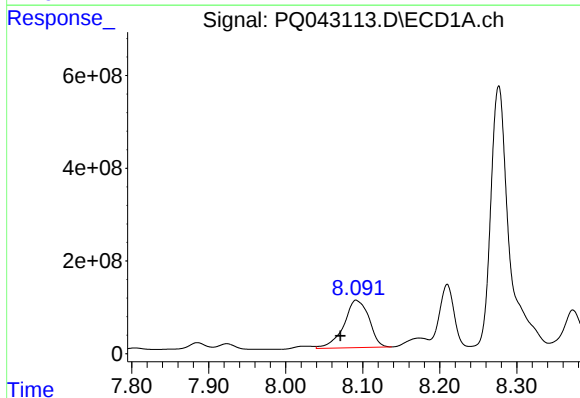
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 19587333
Conc: 144.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



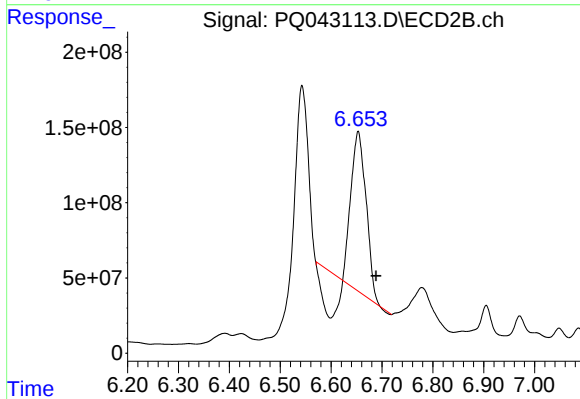
#23 AR-1248-3

R.T.: 6.543 min
Delta R.T.: 0.058 min
Response: 721471769
Conc: 5973.23 ng/ml



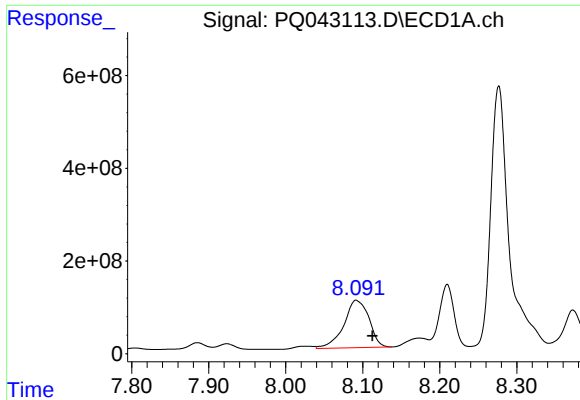
#24 AR-1248-4

R.T.: 8.091 min
Delta R.T.: 0.020 min
Response: 2319600985
Conc: 14315.20 ng/ml



#24 AR-1248-4

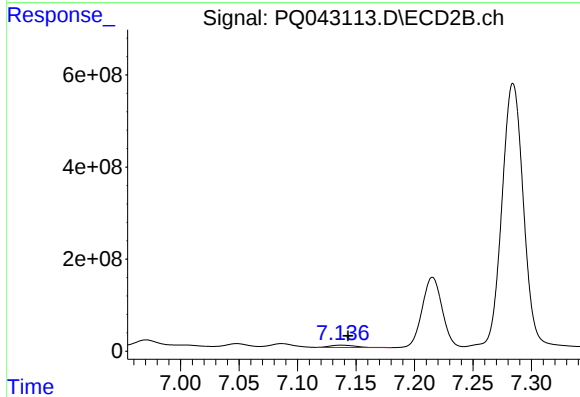
R.T.: 6.653 min
Delta R.T.: -0.035 min
Response: 1675860019
Conc: 11443.03 ng/ml



#25 AR-1248-5

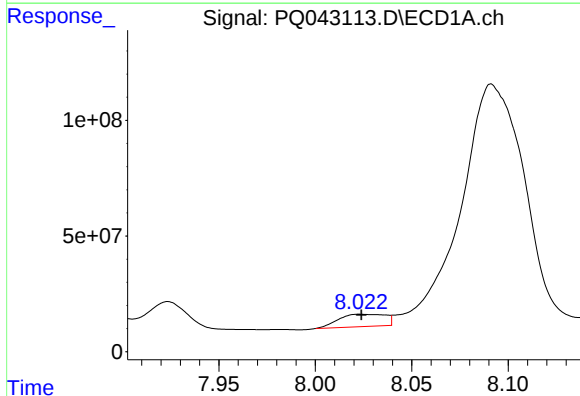
R.T.: 8.091 min
Delta R.T.: -0.021 min
Response: 2319600985
Conc: 14801.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



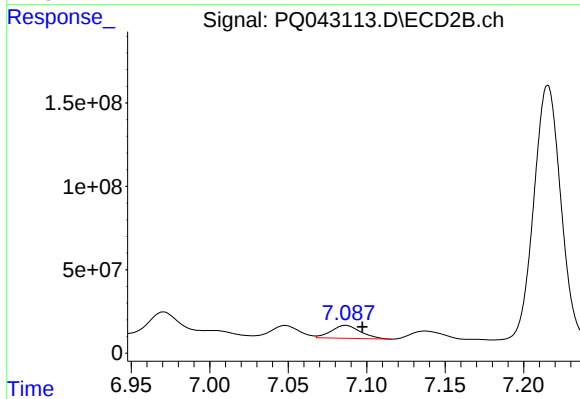
#25 AR-1248-5

R.T.: 7.137 min
Delta R.T.: -0.006 min
Response: 74137042
Conc: 475.96 ng/ml



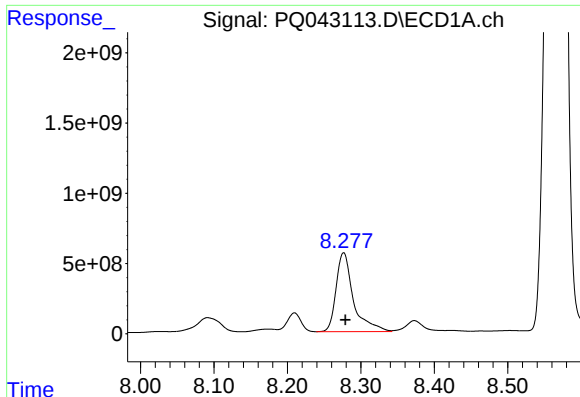
#26 AR-1254-1

R.T.: 8.023 min
Delta R.T.: -0.001 min
Response: 90214771
Conc: 539.88 ng/ml



#26 AR-1254-1

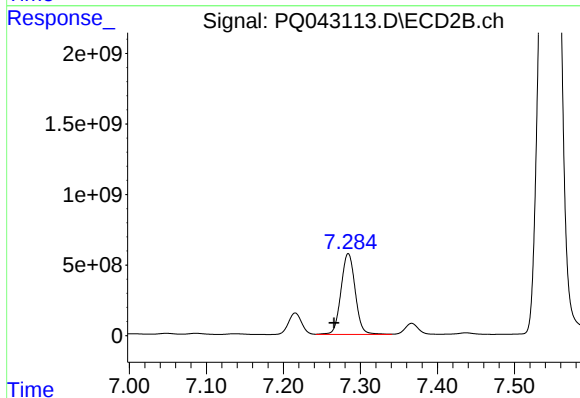
R.T.: 7.087 min
Delta R.T.: -0.011 min
Response: 99819325
Conc: 407.01 ng/ml



#27 AR-1254-2

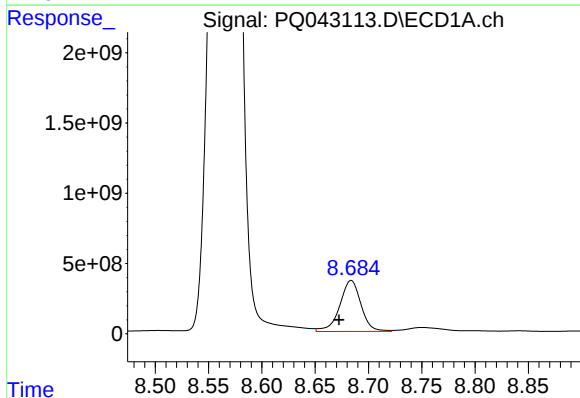
R.T.: 8.277 min
Delta R.T.: -0.003 min
Response: 9219306874
Conc: 34278.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



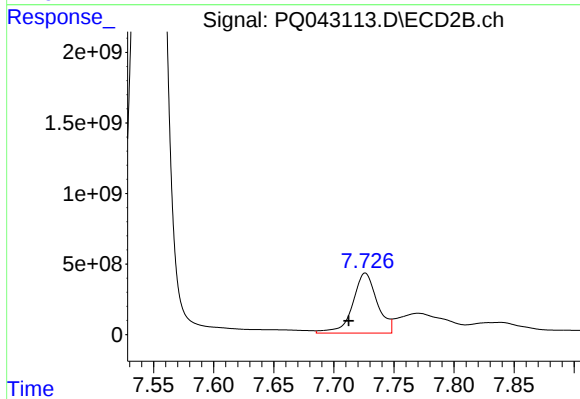
#27 AR-1254-2

R.T.: 7.284 min
Delta R.T.: 0.018 min
Response: 7378652845
Conc: 33082.12 ng/ml



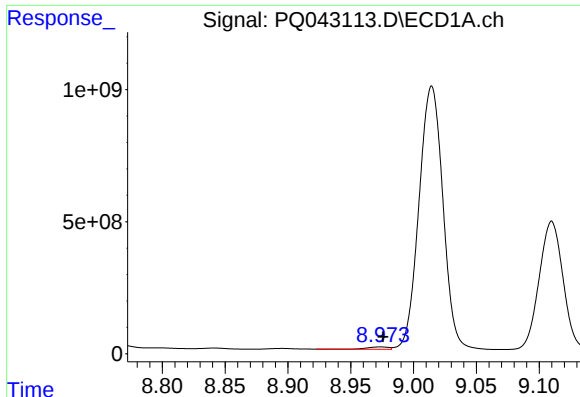
#28 AR-1254-3

R.T.: 8.684 min
Delta R.T.: 0.011 min
Response: 5044357091
Conc: 16748.74 ng/ml



#28 AR-1254-3

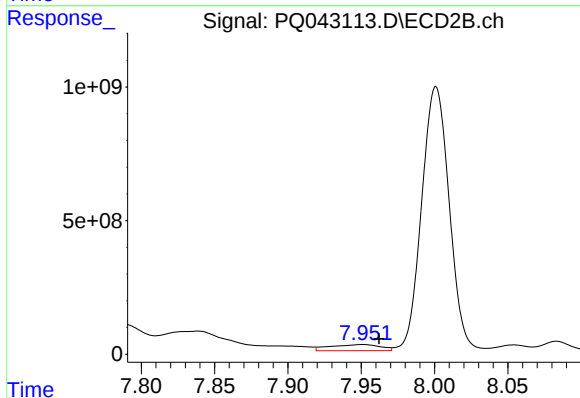
R.T.: 7.726 min
Delta R.T.: 0.014 min
Response: 6035024415
Conc: 16055.98 ng/ml



#29 AR-1254-4

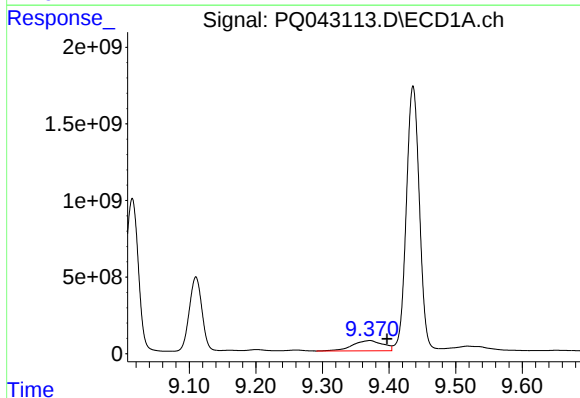
R.T.: 8.974 min
Delta R.T.: -0.002 min
Response: 100807621
Conc: 442.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



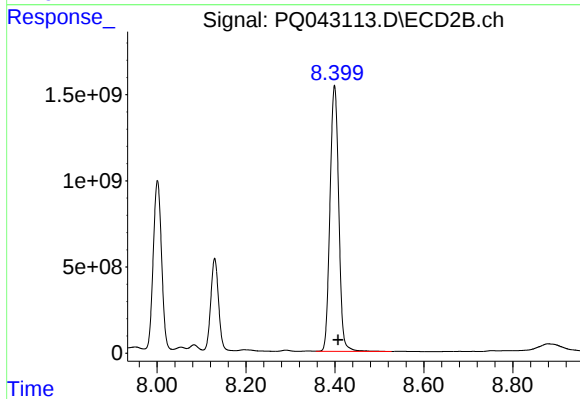
#29 AR-1254-4

R.T.: 7.951 min
Delta R.T.: -0.011 min
Response: 552220858
Conc: 2283.81 ng/ml



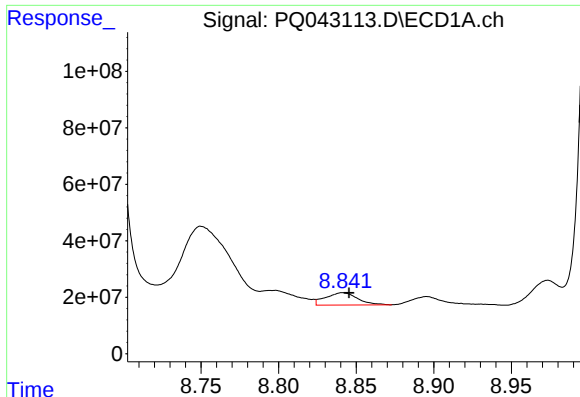
#30 AR-1254-5

R.T.: 9.371 min
Delta R.T.: -0.026 min
Response: 2108768358
Conc: 7786.45 ng/ml



#30 AR-1254-5

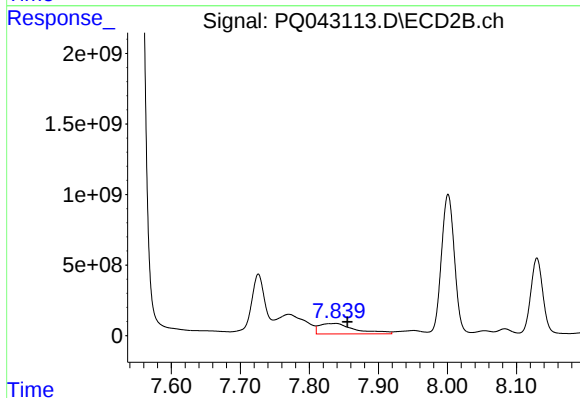
R.T.: 8.399 min
Delta R.T.: -0.008 min
Response: 21052849126
Conc: 57045.83 ng/ml



#31 AR-1260-1

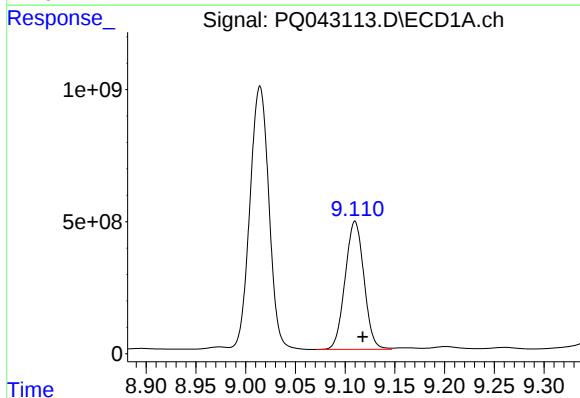
R.T.: 8.841 min
Delta R.T.: -0.004 min
Response: 62832105
Conc: 350.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



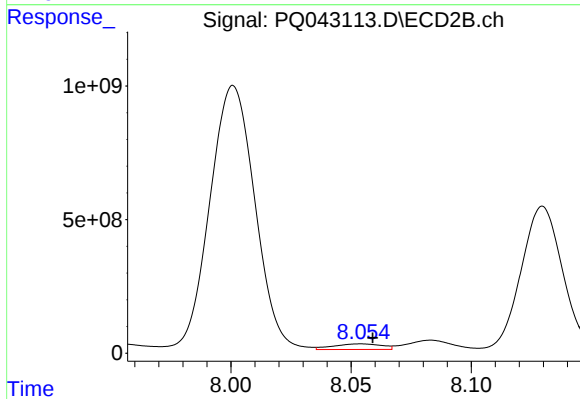
#31 AR-1260-1

R.T.: 7.839 min
Delta R.T.: -0.016 min
Response: 2680913825
Conc: 13828.68 ng/ml



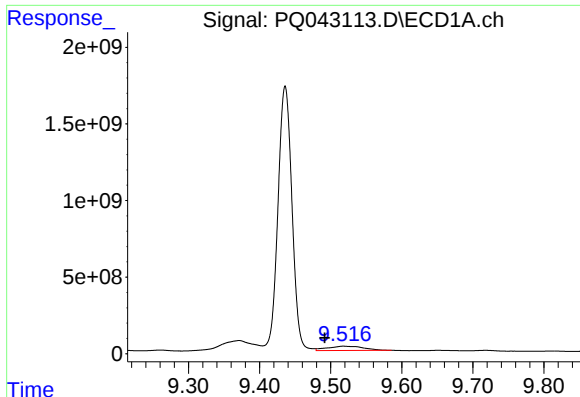
#32 AR-1260-2

R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 6406017817
Conc: 27238.81 ng/ml



#32 AR-1260-2

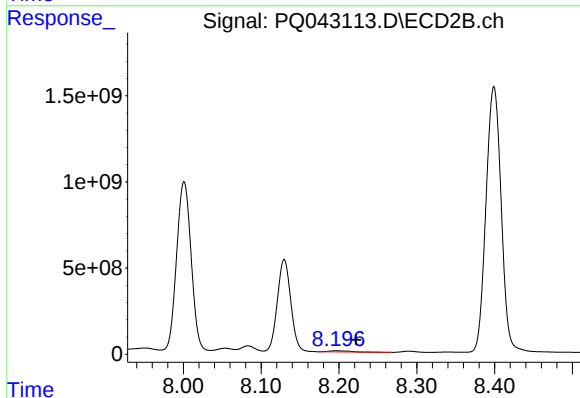
R.T.: 8.054 min
Delta R.T.: -0.005 min
Response: 292806376
Conc: 1150.08 ng/ml



#33 AR-1260-3

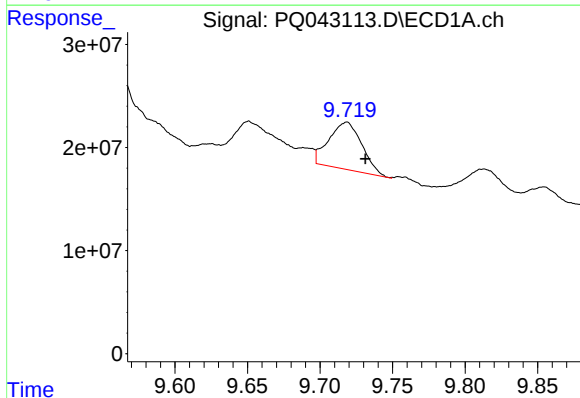
R.T.: 9.518 min
Delta R.T.: 0.026 min
Response: 985064968
Conc: 4609.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



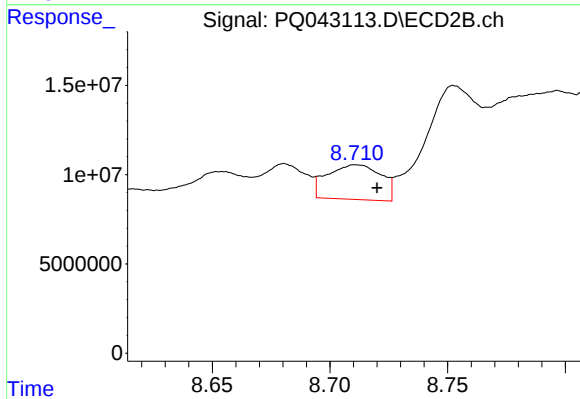
#33 AR-1260-3

R.T.: 8.196 min
Delta R.T.: -0.026 min
Response: 108003142
Conc: 474.05 ng/ml



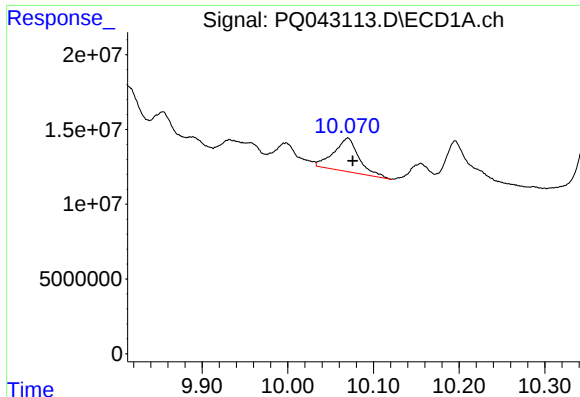
#34 AR-1260-4

R.T.: 9.718 min
Delta R.T.: -0.013 min
Response: 72414261
Conc: 307.13 ng/ml



#34 AR-1260-4

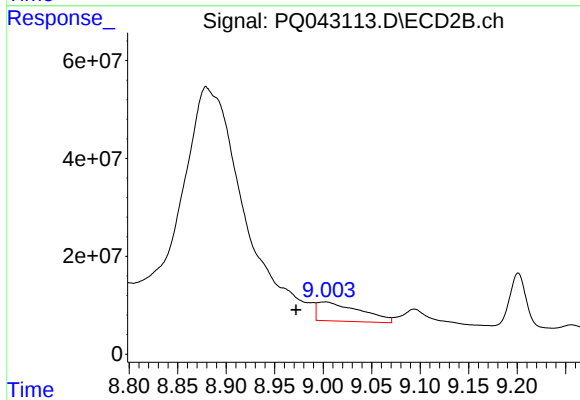
R.T.: 8.711 min
Delta R.T.: -0.009 min
Response: 30836070
Conc: 142.92 ng/ml



#35 AR-1260-5

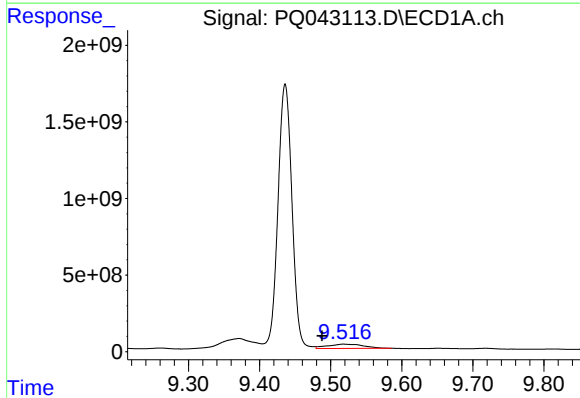
R.T.: 10.070 min
Delta R.T.: -0.005 min
Response: 45835136
Conc: 80.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



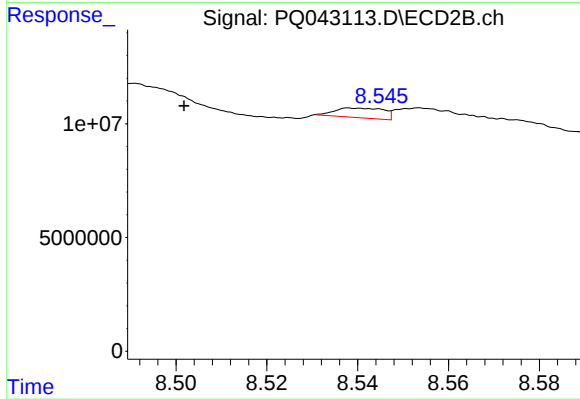
#35 AR-1260-5

R.T.: 9.003 min
Delta R.T.: 0.030 min
Response: 118510783
Conc: 203.23 ng/ml



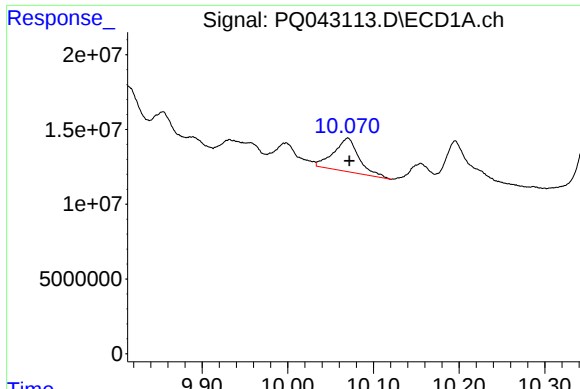
#36 AR-1262-1

R.T.: 9.518 min
Delta R.T.: 0.030 min
Response: 985064968
Conc: 2451.87 ng/ml



#36 AR-1262-1

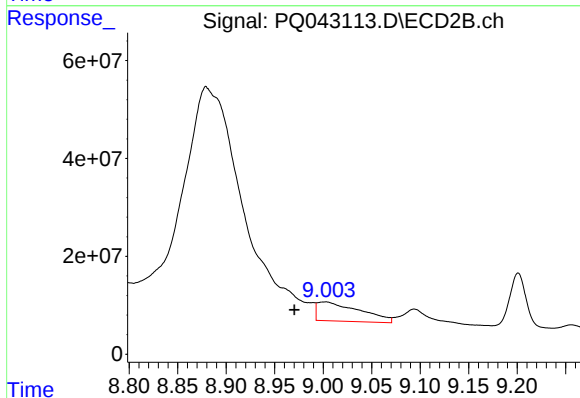
R.T.: 8.540 min
Delta R.T.: 0.038 min
Response: 3175951
Conc: 17.15 ng/ml



#37 AR-1262-2

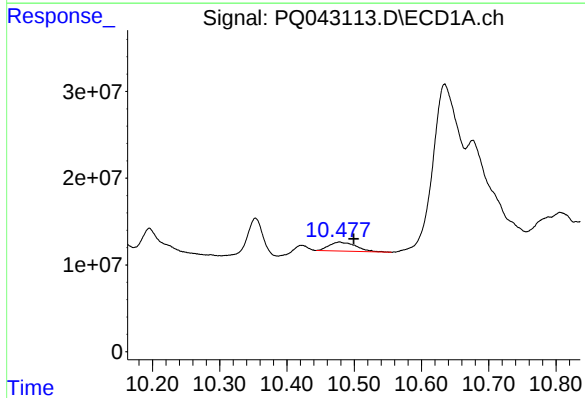
R.T.: 10.070 min
Delta R.T.: -0.002 min
Response: 45835136
Conc: 57.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



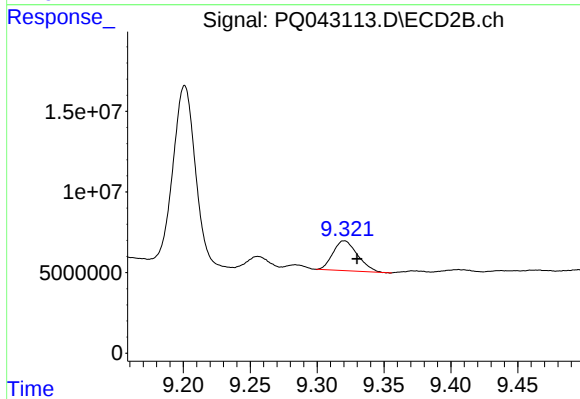
#37 AR-1262-2

R.T.: 9.003 min
Delta R.T.: 0.032 min
Response: 118510783
Conc: 137.20 ng/ml



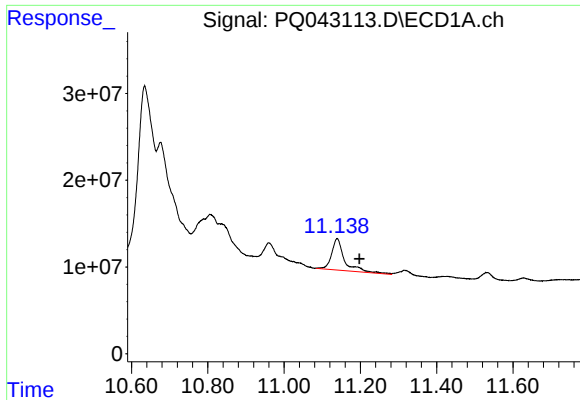
#39 AR-1262-4

R.T.: 10.478 min
Delta R.T.: -0.021 min
Response: 28566524
Conc: 57.36 ng/ml



#39 AR-1262-4

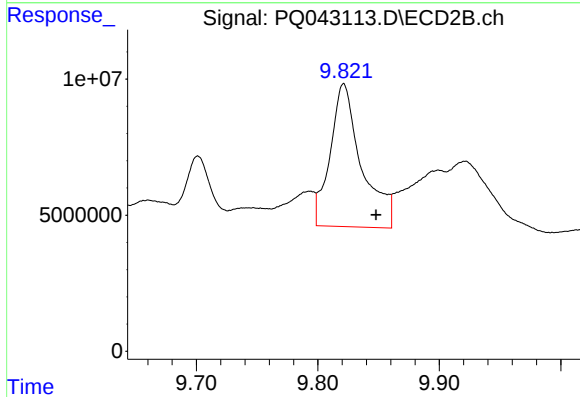
R.T.: 9.320 min
Delta R.T.: -0.009 min
Response: 23773105
Conc: 34.63 ng/ml



#40 AR-1262-5

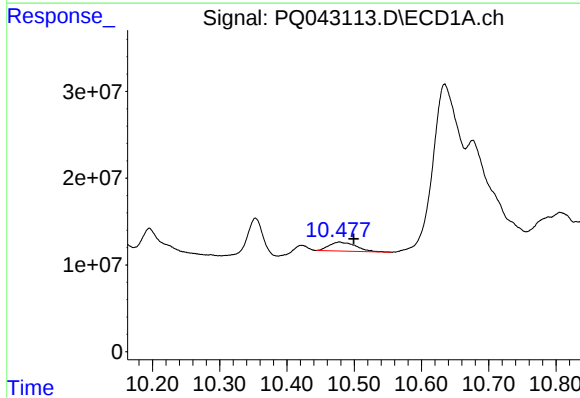
R.T.: 11.139 min
Delta R.T.: -0.058 min
Response: 85246098
Conc: 228.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



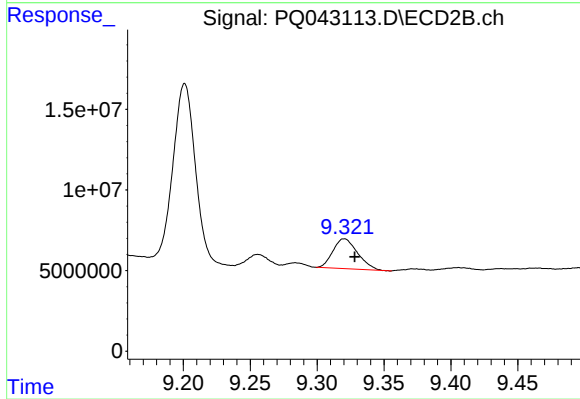
#40 AR-1262-5

R.T.: 9.821 min
Delta R.T.: -0.027 min
Response: 94407646
Conc: 287.28 ng/ml



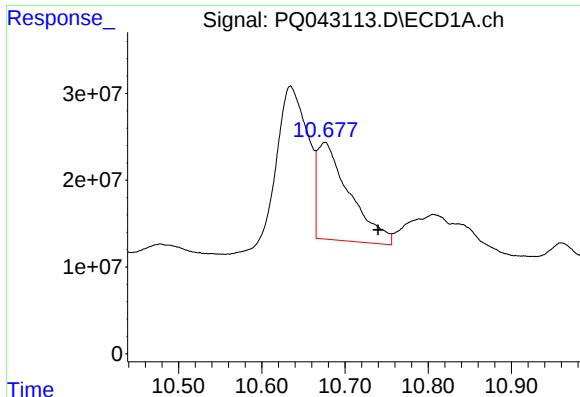
#42 AR-1268-2

R.T.: 10.478 min
Delta R.T.: -0.021 min
Response: 28566524
Conc: 27.22 ng/ml



#42 AR-1268-2

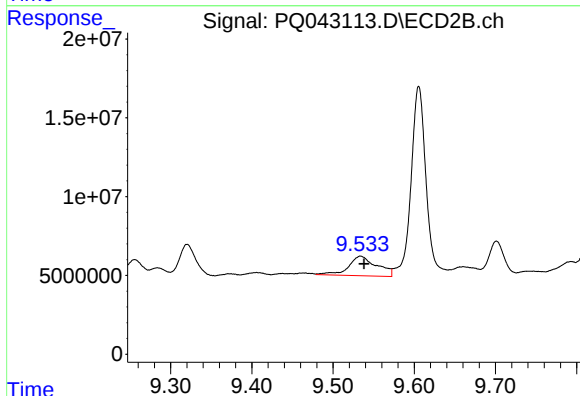
R.T.: 9.320 min
Delta R.T.: -0.008 min
Response: 23773105
Conc: 23.14 ng/ml



#43 AR-1268-3

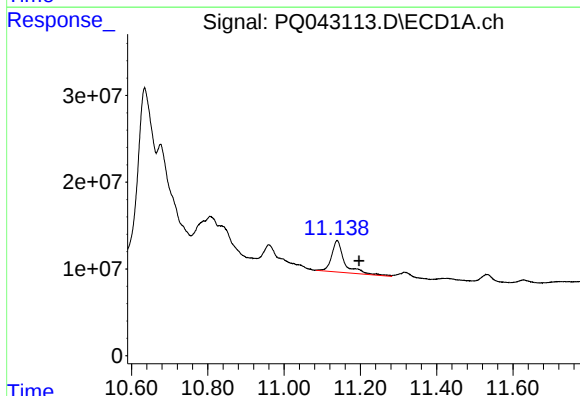
R.T.: 10.676 min
Delta R.T.: -0.064 min
Response: 301062938
Conc: 314.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



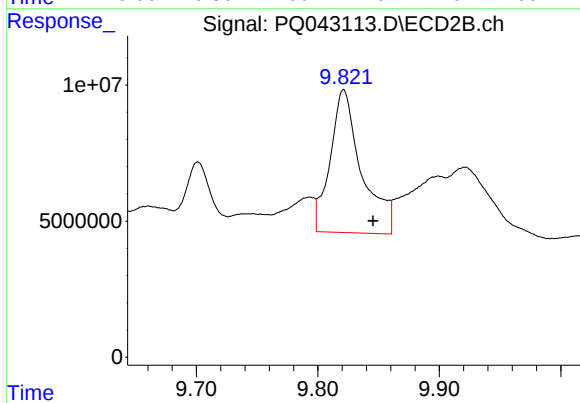
#43 AR-1268-3

R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 30266643
Conc: 34.31 ng/ml



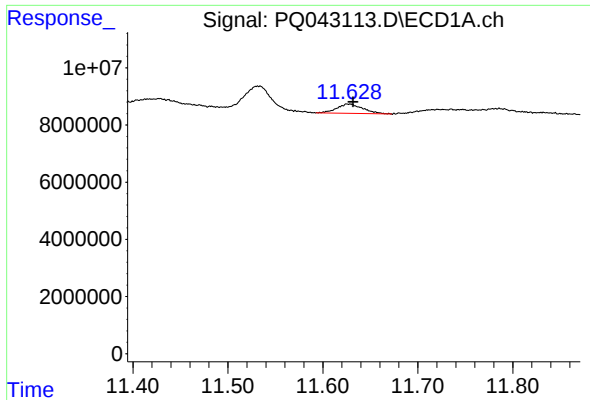
#44 AR-1268-4

R.T.: 11.139 min
Delta R.T.: -0.057 min
Response: 85246098
Conc: 212.51 ng/ml



#44 AR-1268-4

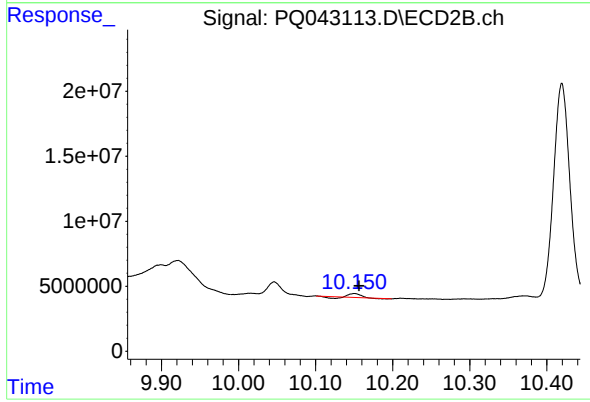
R.T.: 9.821 min
Delta R.T.: -0.024 min
Response: 94407646
Conc: 264.95 ng/ml



#45 AR-1268-5

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 6184867
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AQ8



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.006 min
Response: 1832616
Conc: 0.66 ng/ml