

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072221\
 Data File : PQ054060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2021 22:39
 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12543102

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 04:30:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 08 09:32:57 2021
 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...	5.208	4.217	446.6E6	251.3E6	18.716	20.338
2) SA Decachlor...	11.380	9.549	595.8E6	471.8E6	35.941	40.055
Target Compounds						
3) L1 AR-1016-1	0.000	5.477	0	2766441	N.D.	6.722 #
4) L1 AR-1016-2	0.000	5.498	0	1972646	N.D.	3.053 #
5) L1 AR-1016-3	0.000	5.739f	0	85114517	N.D.	264.642 #
6) L1 AR-1016-4	0.000	5.739	0	85114517	N.D.	331.239 #
7) L1 AR-1016-5	7.043	5.970	73583327	39911351	136.316	122.806
9) L2 AR-1221-2	5.564	4.573	5978806	2736037	36.063	31.954
12) L3 AR-1232-2	0.000	5.498	0	1972646	N.D.	7.135 #
13) L3 AR-1232-3	0.000	5.739f	0	85114517	N.D.	643.633 #
14) L3 AR-1232-4	0.000	5.783	0	25113118	N.D.	223.318 #
15) L3 AR-1232-5	6.823	5.970	122.9E6	39911351	733.181	327.240 #
16) L4 AR-1242-1	0.000	5.477	0	2766441	N.D.	9.702 #
17) L4 AR-1242-2	0.000	5.498	0	1972646	N.D.	4.478 #
18) L4 AR-1242-3	0.000	5.739f	0	85114517	N.D.	378.551 #
19) L4 AR-1242-4	0.000	5.783	0	25113118	N.D.	117.007 #
20) L4 AR-1242-5	7.513	6.348	88982826	225.9E6	215.418	779.803 #
21) L5 AR-1248-1	0.000	5.477	0	2766441	N.D.	11.845 #
22) L5 AR-1248-2	6.823	5.739	122.9E6	85114517	201.768	250.911
23) L5 AR-1248-3	7.043	5.783	73583327	25113118	107.404	71.578 #
24) L5 AR-1248-4	7.471	5.970	117.3E6	39911351	151.077	95.506 #
25) L5 AR-1248-5	7.513	6.392	88982826	27436115	115.437	63.186 #
26) L6 AR-1254-1	7.440	6.348	237.3E6	225.9E6	393.501	427.010
27) L6 AR-1254-2	7.668	6.507	351.6E6	201.7E6	381.385	430.382
28) L6 AR-1254-3	8.051	6.927	369.1E6	319.3E6	371.812	429.533
29) L6 AR-1254-4	8.346	7.166	260.9E6	214.7E6	360.419	423.442
30) L6 AR-1254-5	8.774	7.595	267.6E6	275.8E6	356.156	406.211
31) L7 AR-1260-1	8.216	7.064	136.4E6	154.5E6	153.723	237.439 #
32) L7 AR-1260-2	8.479	7.260	155.3E6	146.2E6	142.709	161.647
33) L7 AR-1260-3	8.774	7.414	267.6E6	122.4E6	213.957	162.314
34) L7 AR-1260-4	9.083	7.898	99791993	12142308	109.155	18.664 #
35) L7 AR-1260-5	9.432	8.143	42750484	34005842	23.155	19.009
36) L8 AR-1262-1	8.837	7.595	32759708	275.8E6	24.605	492.301 #
37) L8 AR-1262-2	9.432	8.143	42750484	34005842	17.300	14.618
38) L8 AR-1262-3	9.790	8.491f	25603373	28789954	24.512	30.870 #
39) L8 AR-1262-4	9.790f	8.491	25603373	28789954	41.781	18.196 #
41) L9 AR-1268-1	9.790	8.491f	25603373	28789954	7.923	9.065
42) L9 AR-1268-2	0.000	8.491	0	28789954	N.D.	10.607 #
45) L9 AR-1268-5	0.000	9.292	0	3587251	N.D.	0.548 #

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

Instrument :

ECD_Q

ClientSampleId :

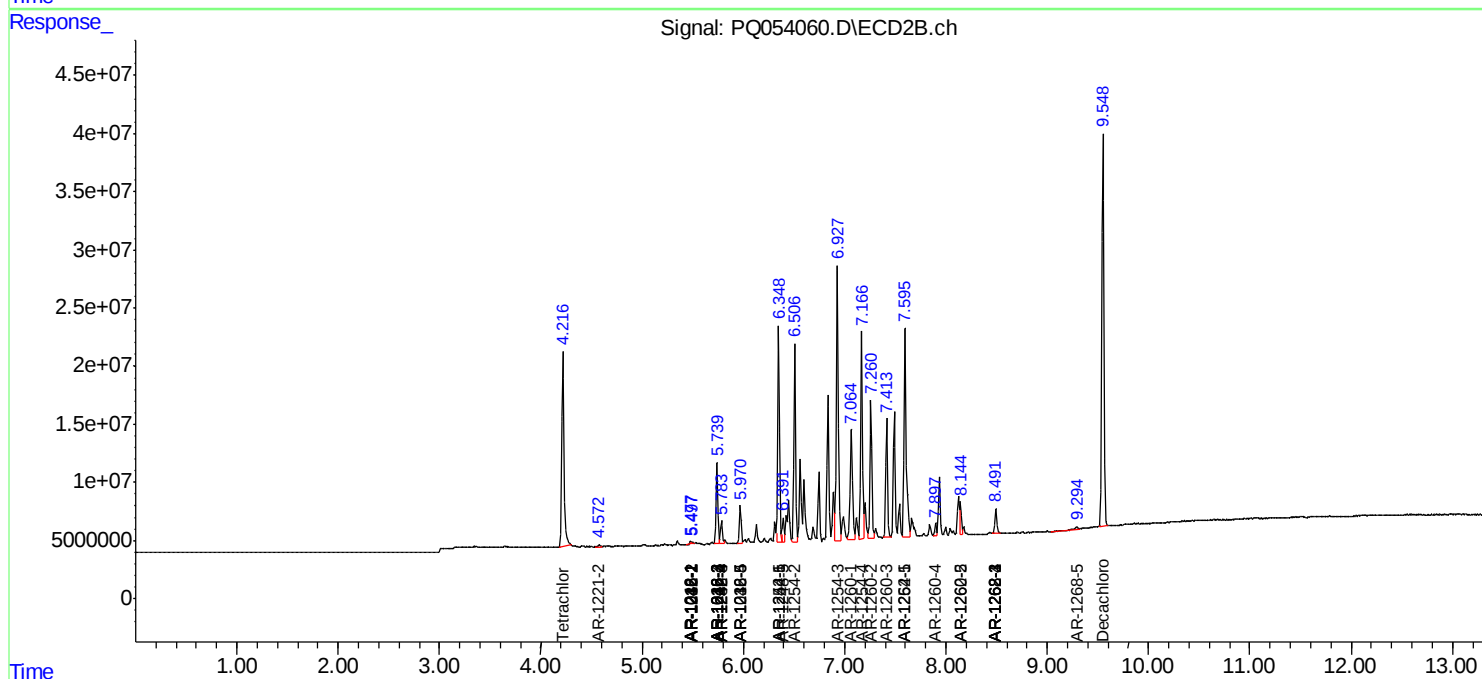
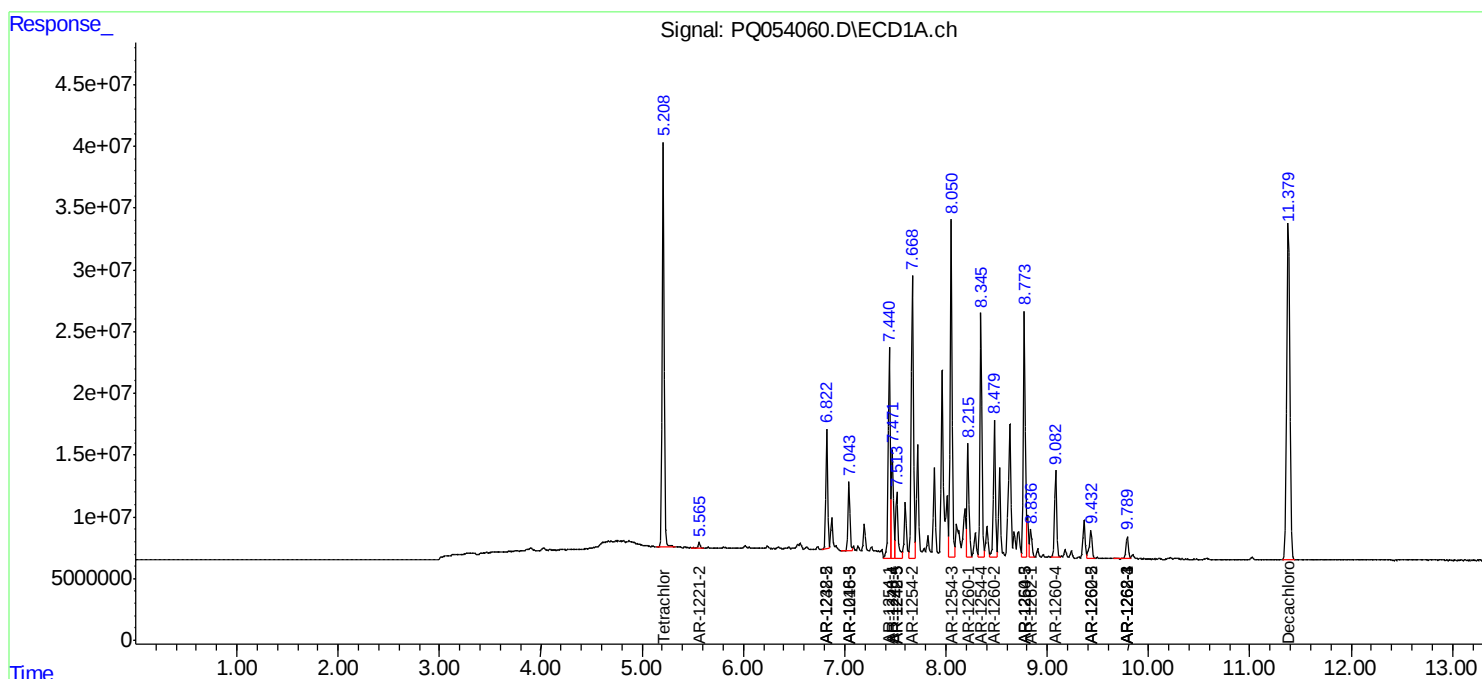
AR12543102

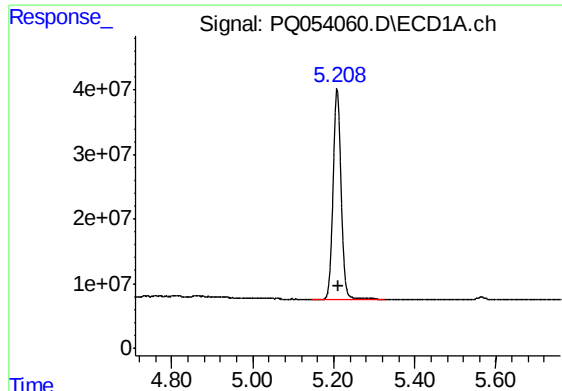
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072221\
Data File : PQ054060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2021 22:39
Operator : AJ\MA
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
AR12543102

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 04:30:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 08 09:32:57 2021
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

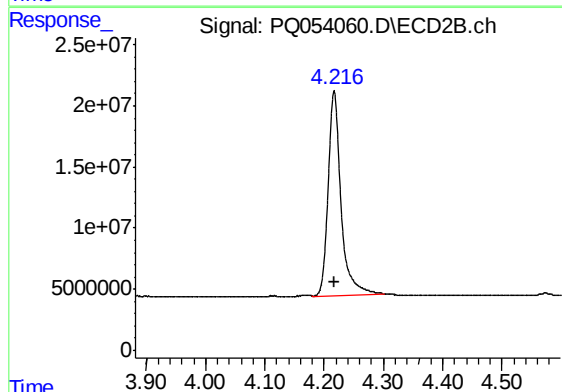




#1 Tetrachloro-m-xylene

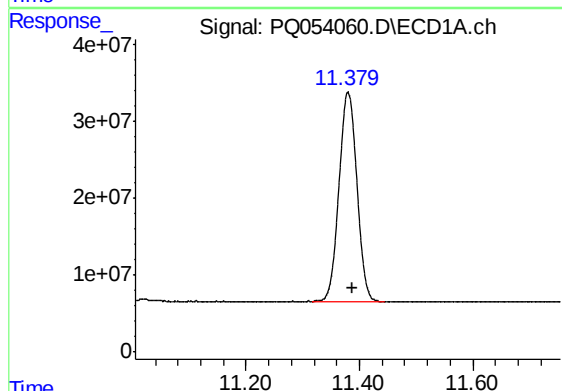
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 446609603
Conc: 18.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



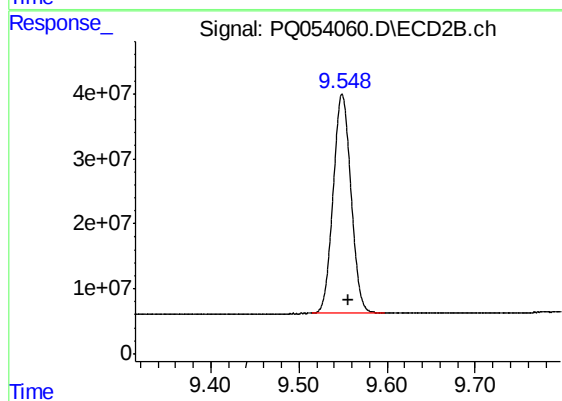
#1 Tetrachloro-m-xylene

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 251296543
Conc: 20.34 ng/ml



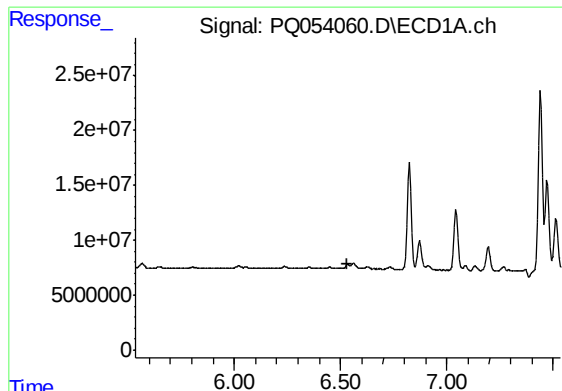
#2 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: -0.008 min
Response: 595776091
Conc: 35.94 ng/ml



#2 Decachlorobiphenyl

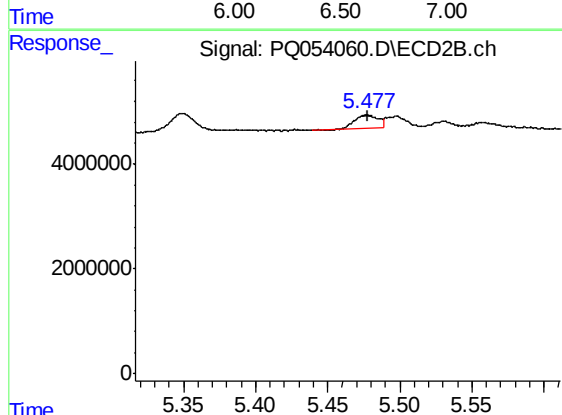
R.T.: 9.549 min
Delta R.T.: -0.007 min
Response: 471771968
Conc: 40.05 ng/ml



#3 AR-1016-1

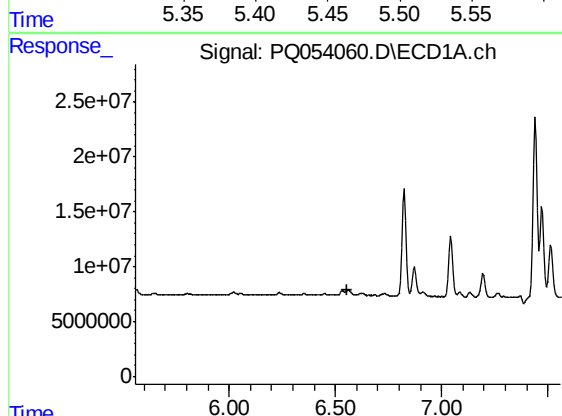
R.T.: 0.000 min
Exp R.T. : 6.535 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



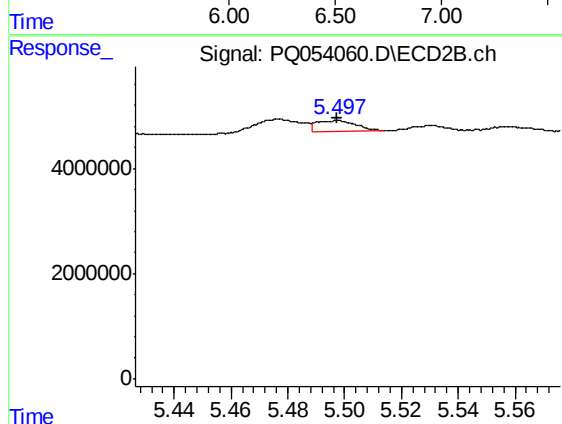
#3 AR-1016-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 2766441
Conc: 6.72 ng/ml



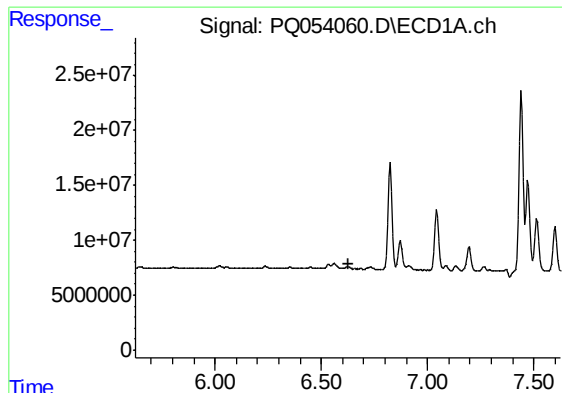
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 6.559 min
Response: 0
Conc: N.D.



#4 AR-1016-2

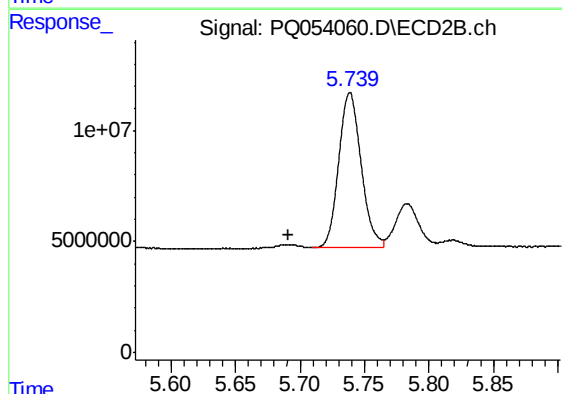
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 1972646
Conc: 3.05 ng/ml



#5 AR-1016-3

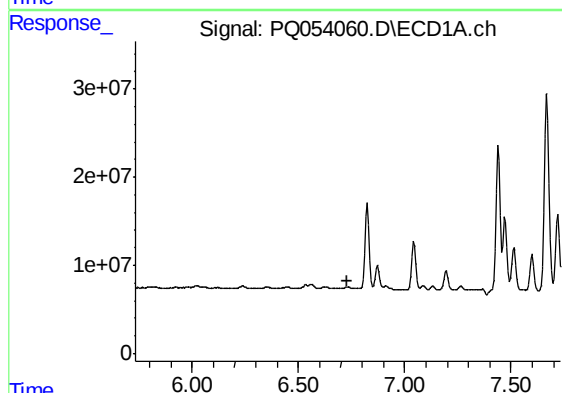
R.T.: 0.000 min
Exp R.T. : 6.625 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



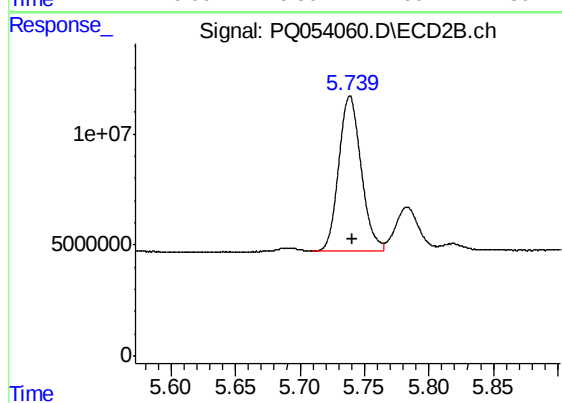
#5 AR-1016-3

R.T.: 5.739 min
Delta R.T.: 0.048 min
Response: 85114517
Conc: 264.64 ng/ml



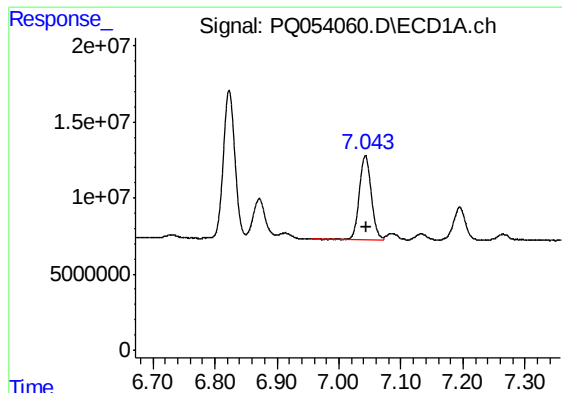
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



#6 AR-1016-4

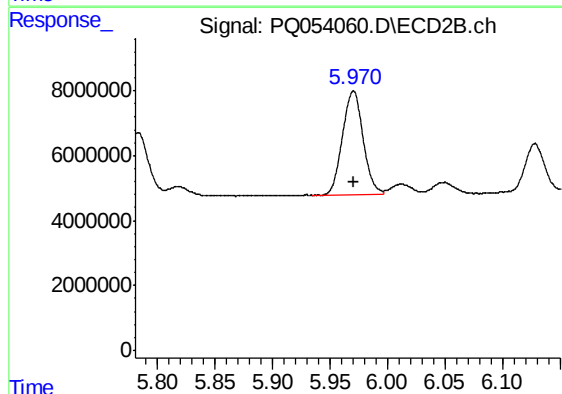
R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 85114517
Conc: 331.24 ng/ml



#7 AR-1016-5

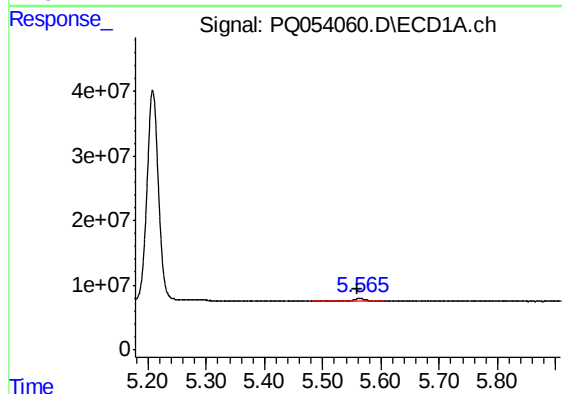
R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 73583327
Conc: 136.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



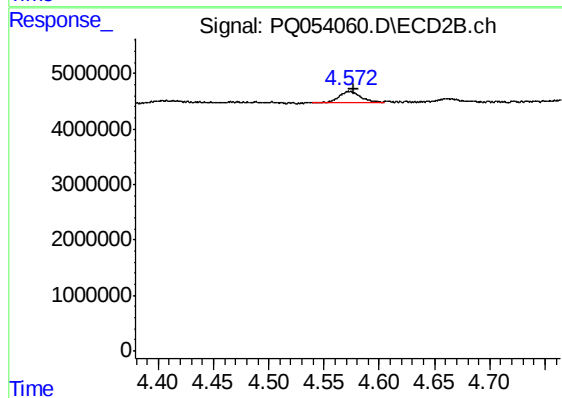
#7 AR-1016-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 39911351
Conc: 122.81 ng/ml



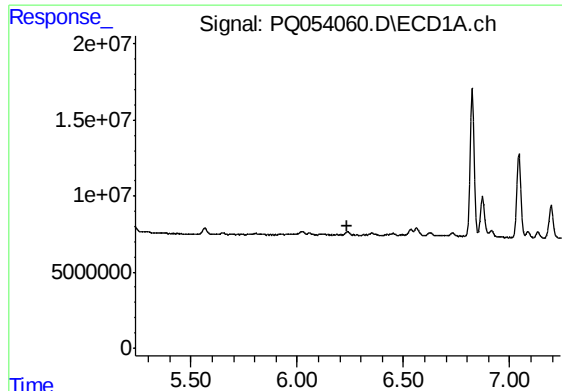
#9 AR-1221-2

R.T.: 5.564 min
Delta R.T.: 0.004 min
Response: 5978806
Conc: 36.06 ng/ml



#9 AR-1221-2

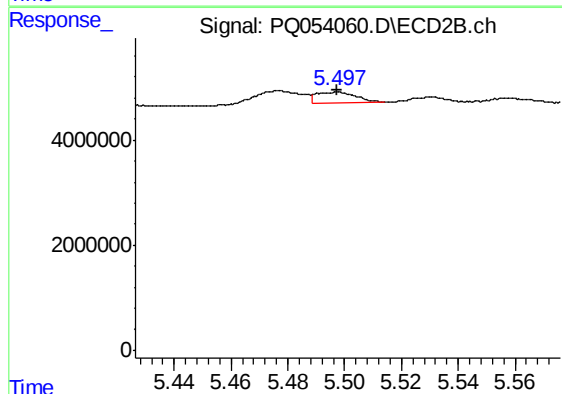
R.T.: 4.573 min
Delta R.T.: -0.004 min
Response: 2736037
Conc: 31.95 ng/ml



#12 AR-1232-2

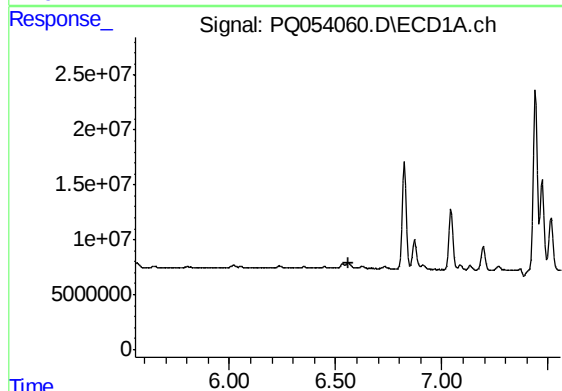
R.T.: 0.000 min
Exp R.T. : 6.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



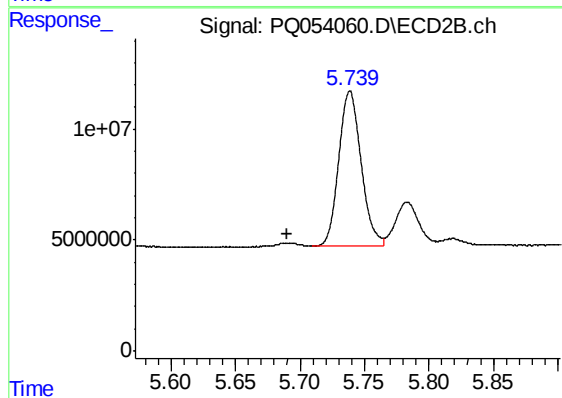
#12 AR-1232-2

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 1972646
Conc: 7.13 ng/ml



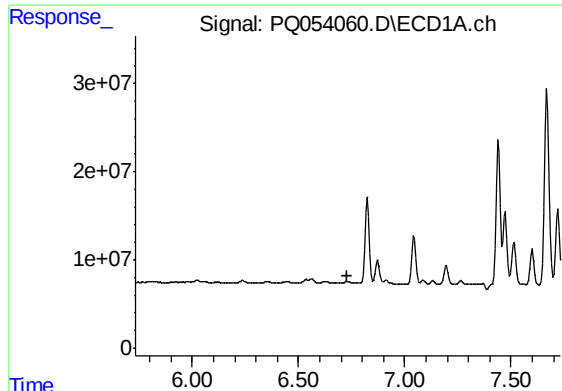
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.558 min
Response: 0
Conc: N.D.



#13 AR-1232-3

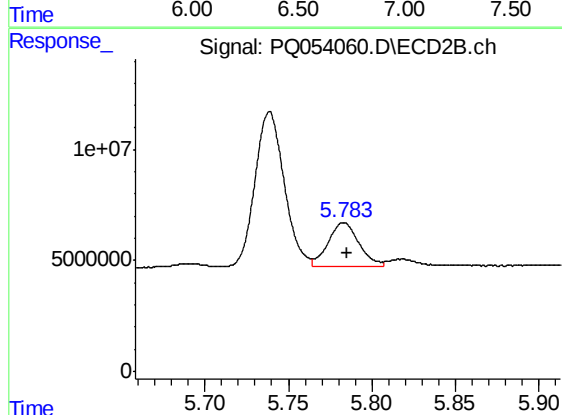
R.T.: 5.739 min
Delta R.T.: 0.049 min
Response: 85114517
Conc: 643.63 ng/ml



#14 AR-1232-4

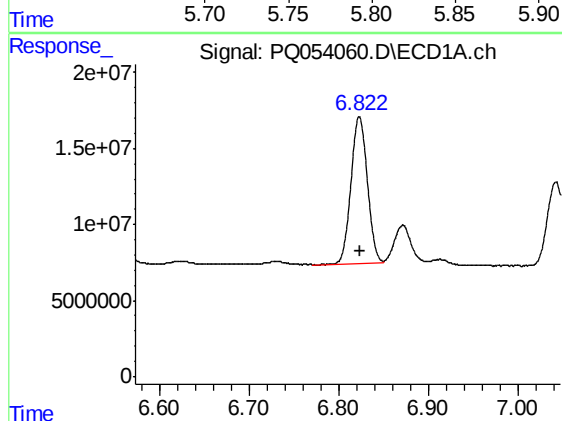
R.T.: 0.000 min
Exp R.T.: 6.733 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



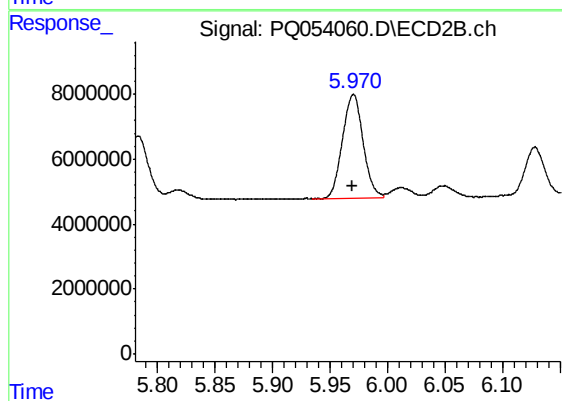
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 25113118
Conc: 223.32 ng/ml



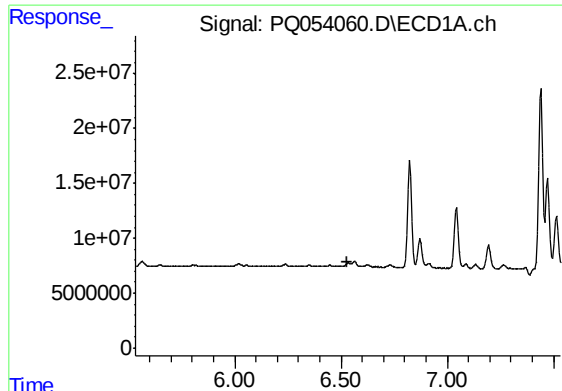
#15 AR-1232-5

R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 122945451
Conc: 733.18 ng/ml



#15 AR-1232-5

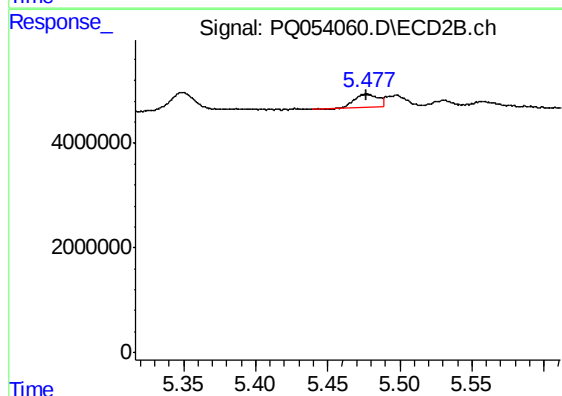
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 39911351
Conc: 327.24 ng/ml



#16 AR-1242-1

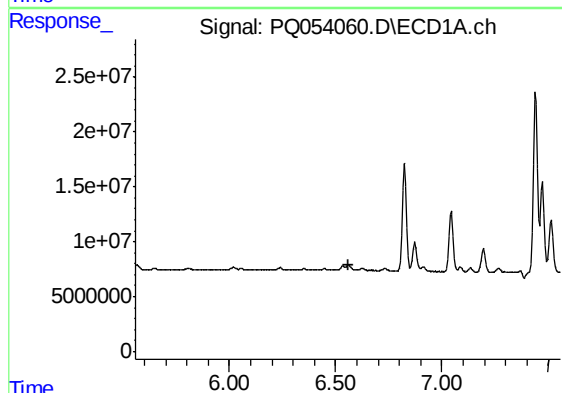
R.T.: 0.000 min
Exp R.T. : 6.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



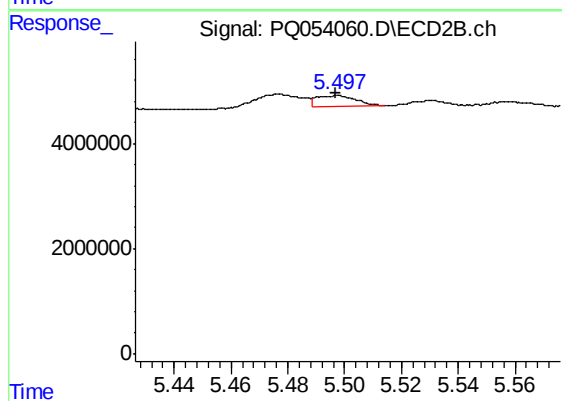
#16 AR-1242-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 2766441
Conc: 9.70 ng/ml



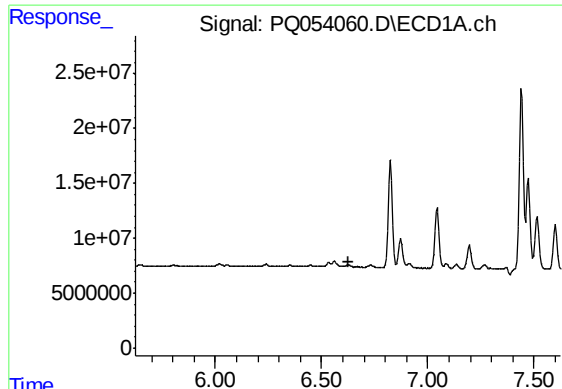
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.558 min
Response: 0
Conc: N.D.



#17 AR-1242-2

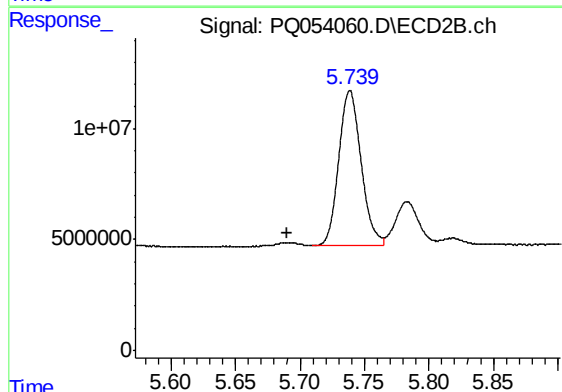
R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 1972646
Conc: 4.48 ng/ml



#18 AR-1242-3

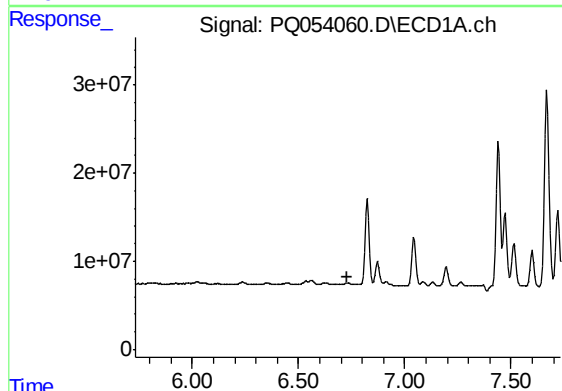
R.T.: 0.000 min
Exp R.T. : 6.624 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



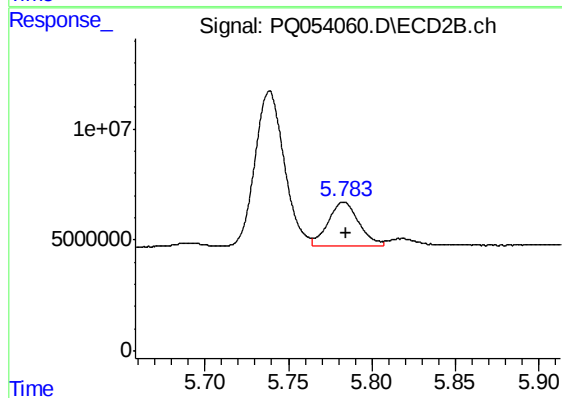
#18 AR-1242-3

R.T.: 5.739 min
Delta R.T.: 0.049 min
Response: 85114517
Conc: 378.55 ng/ml



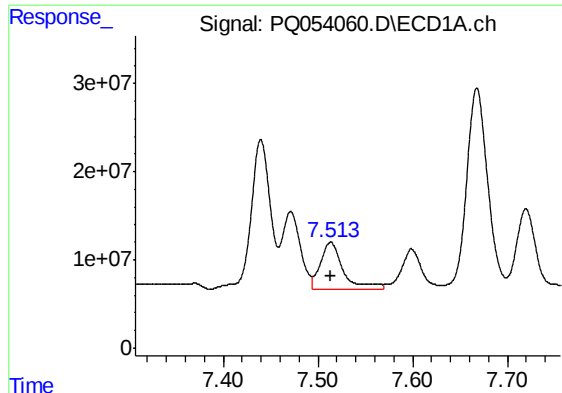
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



#19 AR-1242-4

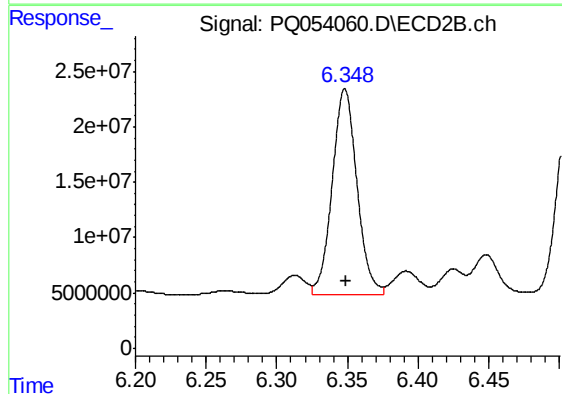
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 25113118
Conc: 117.01 ng/ml



#20 AR-1242-5

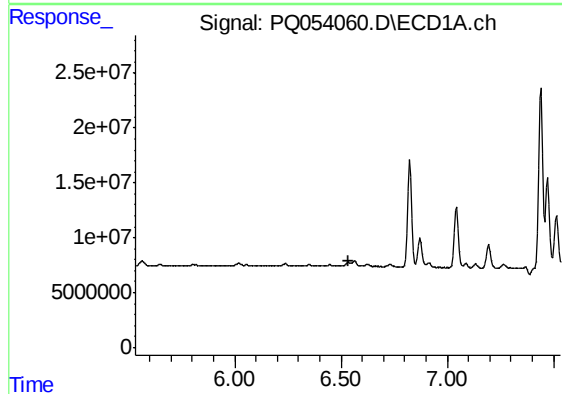
R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 88982826
Conc: 215.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



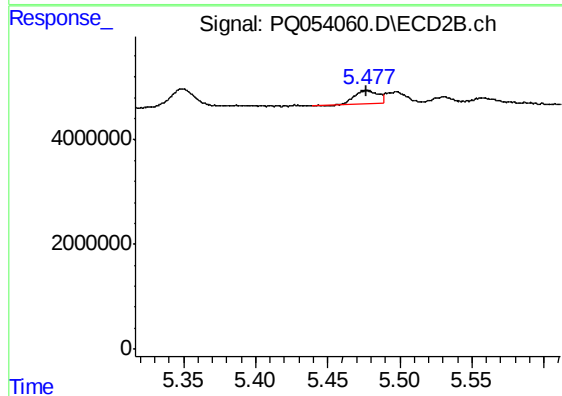
#20 AR-1242-5

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 225903686
Conc: 779.80 ng/ml



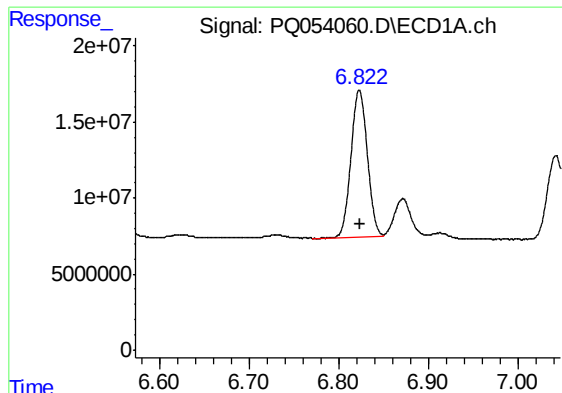
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.533 min
Response: 0
Conc: N.D.



#21 AR-1248-1

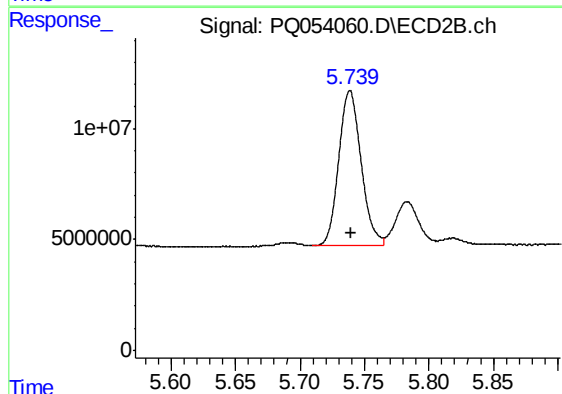
R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 2766441
Conc: 11.85 ng/ml



#22 AR-1248-2

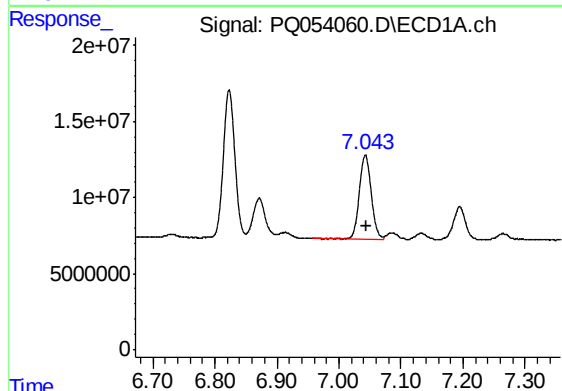
R.T.: 6.823 min
Delta R.T.: -0.001 min
Response: 122945451
Conc: 201.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



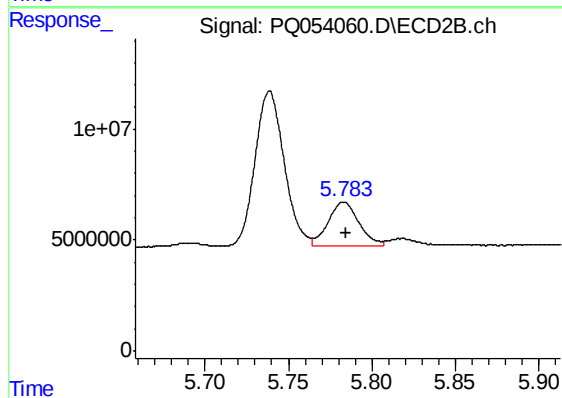
#22 AR-1248-2

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 85114517
Conc: 250.91 ng/ml



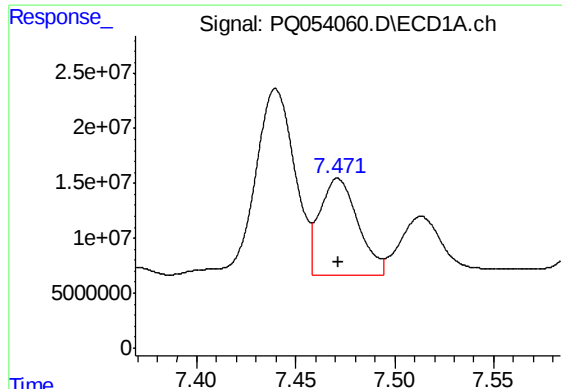
#23 AR-1248-3

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 73583327
Conc: 107.40 ng/ml



#23 AR-1248-3

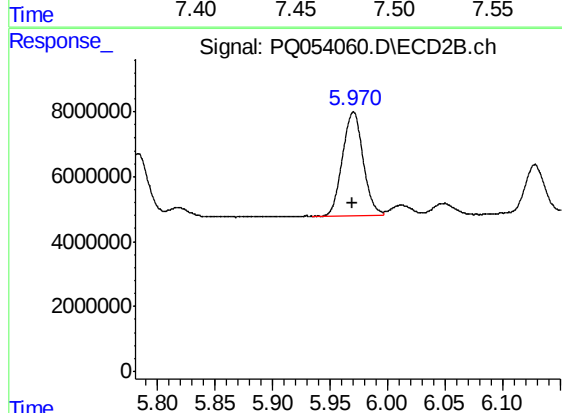
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 25113118
Conc: 71.58 ng/ml



#24 AR-1248-4

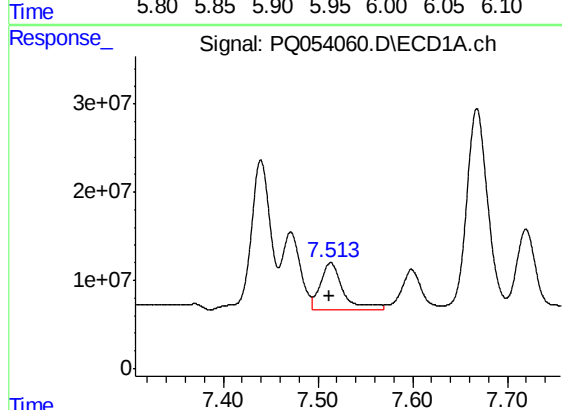
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 117305654
Conc: 151.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



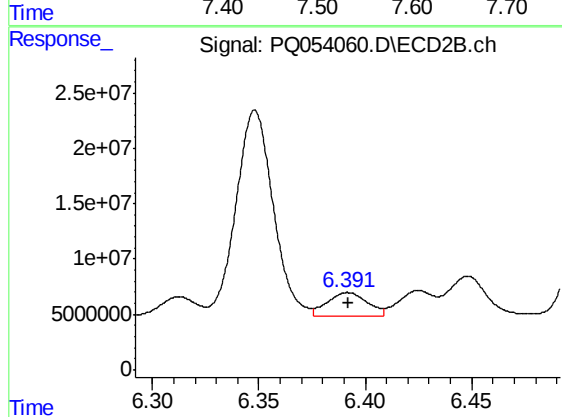
#24 AR-1248-4

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 39911351
Conc: 95.51 ng/ml



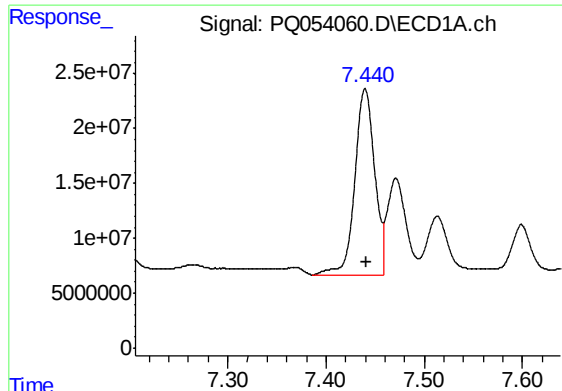
#25 AR-1248-5

R.T.: 7.513 min
Delta R.T.: 0.002 min
Response: 88982826
Conc: 115.44 ng/ml



#25 AR-1248-5

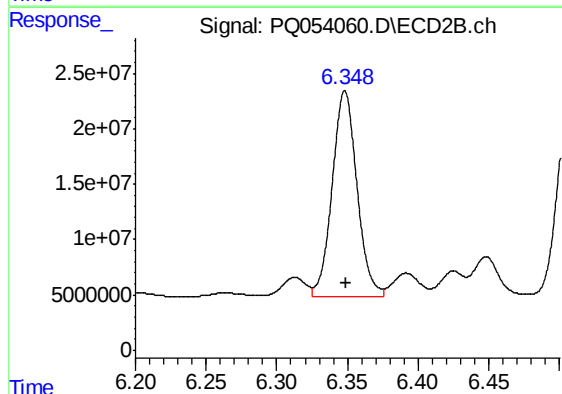
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 27436115
Conc: 63.19 ng/ml



#26 AR-1254-1

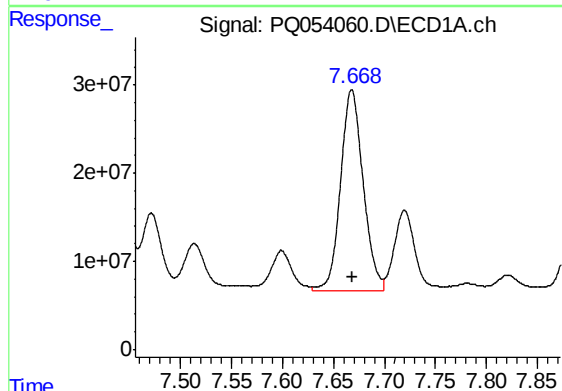
R.T.: 7.440 min
Delta R.T.: -0.001 min
Response: 237284730
Conc: 393.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



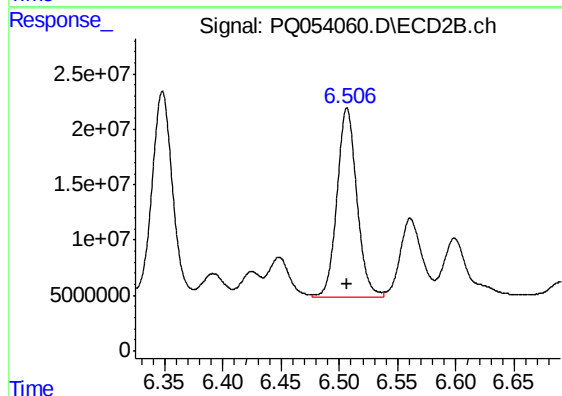
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 225903686
Conc: 427.01 ng/ml



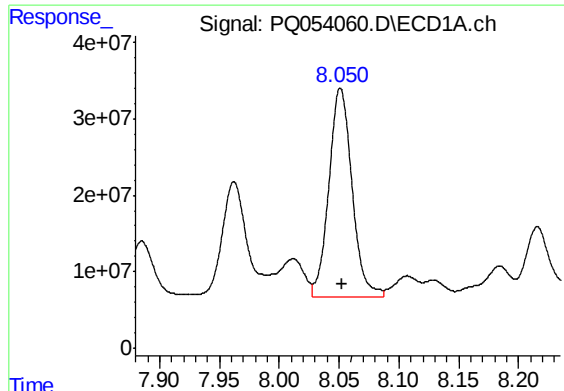
#27 AR-1254-2

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 351588850
Conc: 381.39 ng/ml



#27 AR-1254-2

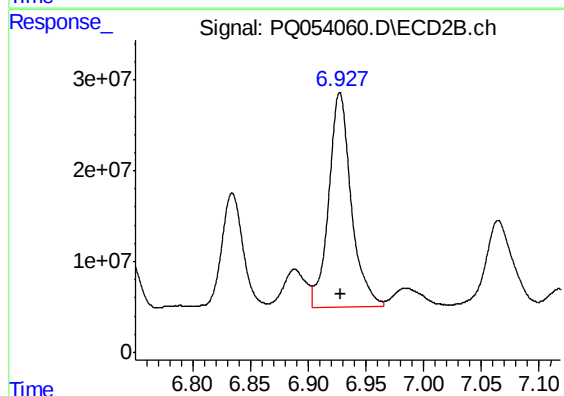
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 201687881
Conc: 430.38 ng/ml



#28 AR-1254-3

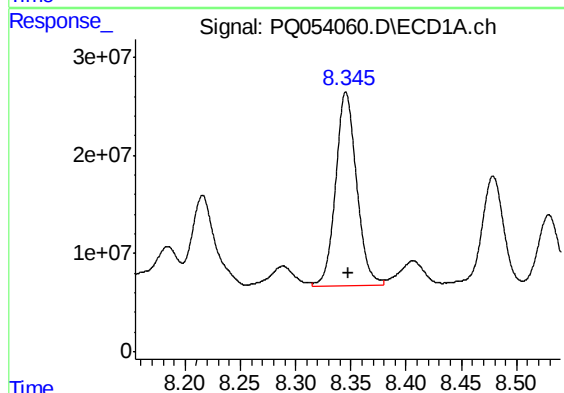
R.T.: 8.051 min
Delta R.T.: -0.001 min
Response: 369092211
Conc: 371.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



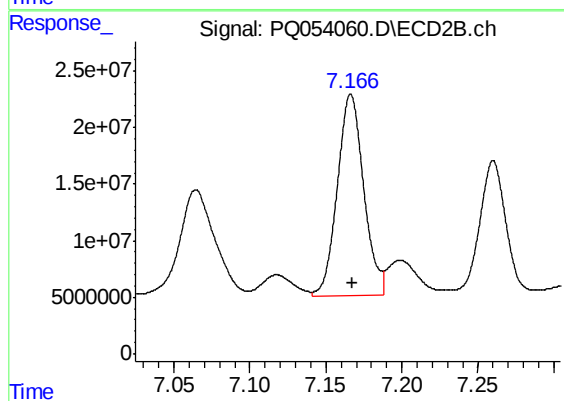
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 319251196
Conc: 429.53 ng/ml



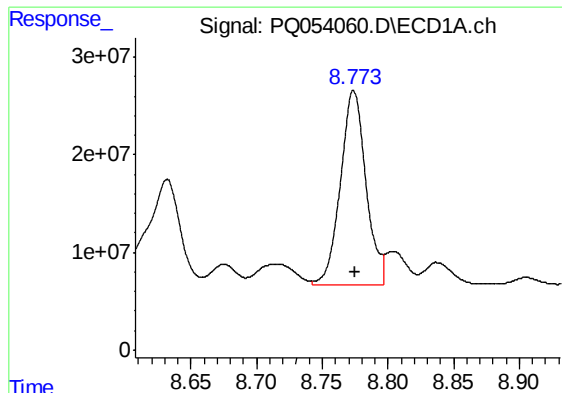
#29 AR-1254-4

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 260869769
Conc: 360.42 ng/ml



#29 AR-1254-4

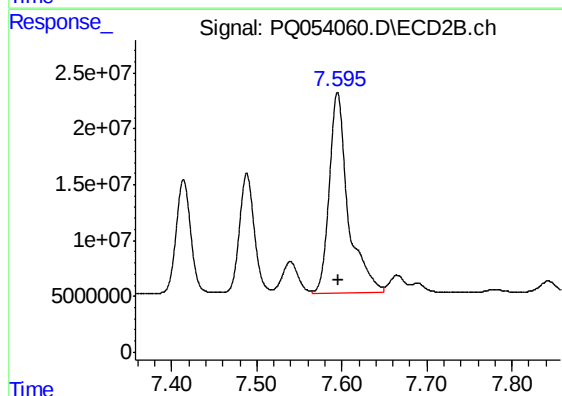
R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 214692112
Conc: 423.44 ng/ml



#30 AR-1254-5

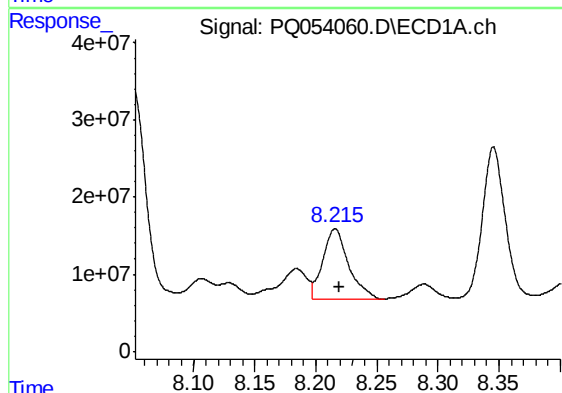
R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 267649629
Conc: 356.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



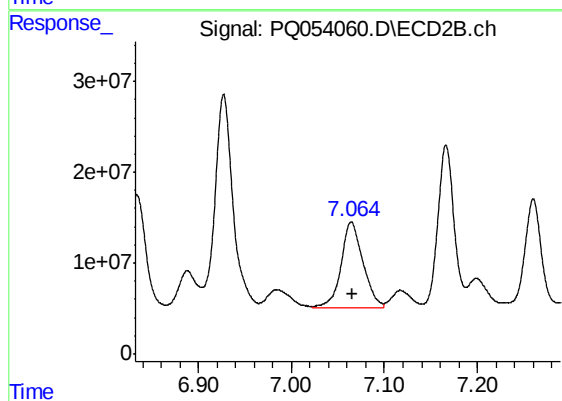
#30 AR-1254-5

R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 275827668
Conc: 406.21 ng/ml



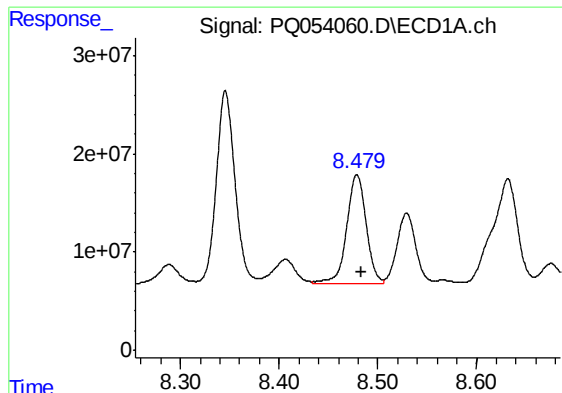
#31 AR-1260-1

R.T.: 8.216 min
Delta R.T.: -0.004 min
Response: 136407916
Conc: 153.72 ng/ml



#31 AR-1260-1

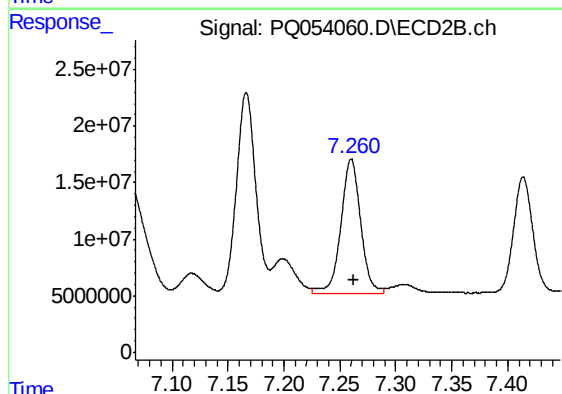
R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 154472064
Conc: 237.44 ng/ml



#32 AR-1260-2

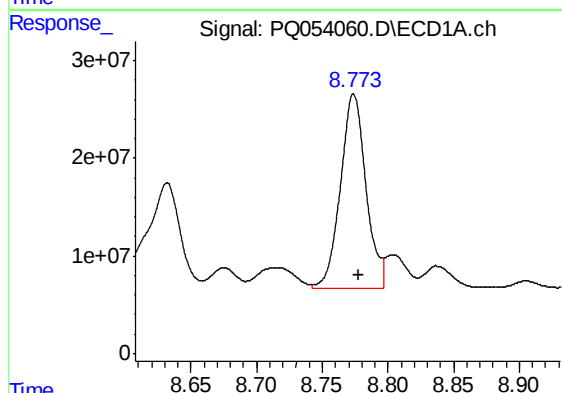
R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 155296744
Conc: 142.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



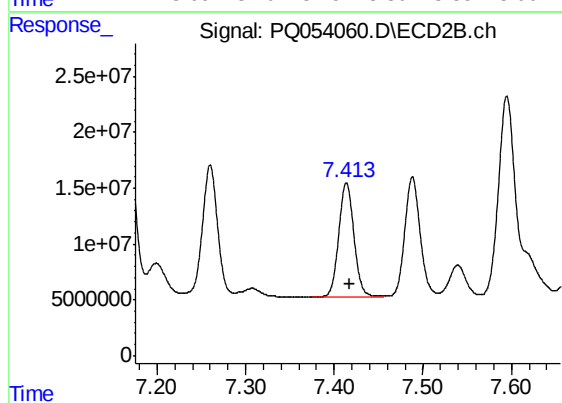
#32 AR-1260-2

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 146235435
Conc: 161.65 ng/ml



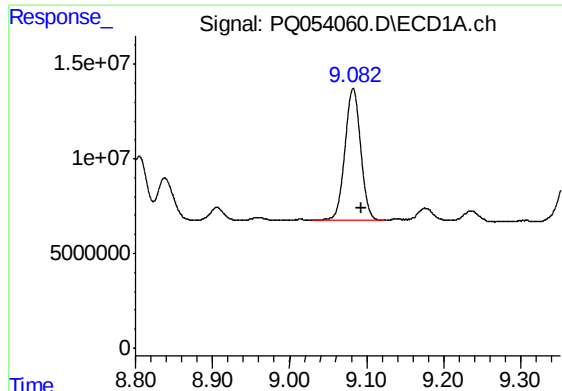
#33 AR-1260-3

R.T.: 8.774 min
Delta R.T.: -0.004 min
Response: 267649629
Conc: 213.96 ng/ml



#33 AR-1260-3

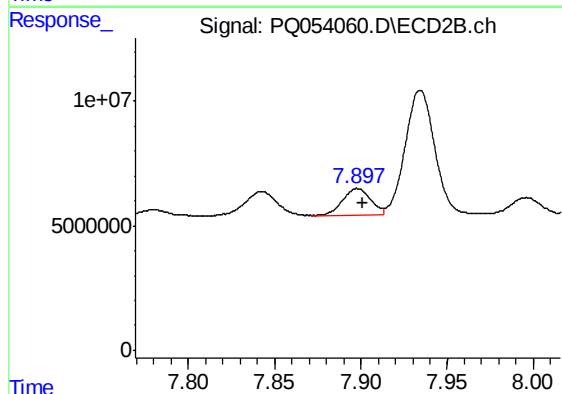
R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 122366238
Conc: 162.31 ng/ml



#34 AR-1260-4

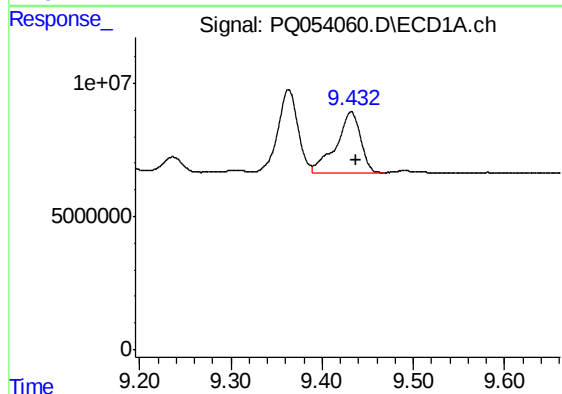
R.T.: 9.083 min
Delta R.T.: -0.010 min
Response: 99791993
Conc: 109.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



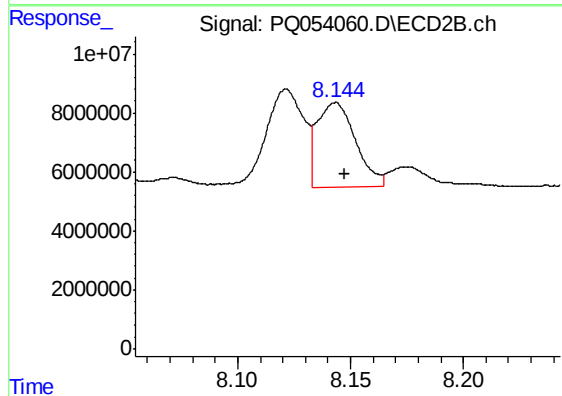
#34 AR-1260-4

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 12142308
Conc: 18.66 ng/ml



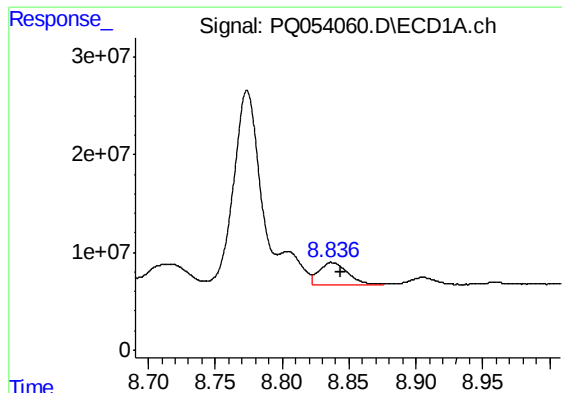
#35 AR-1260-5

R.T.: 9.432 min
Delta R.T.: -0.005 min
Response: 42750484
Conc: 23.16 ng/ml



#35 AR-1260-5

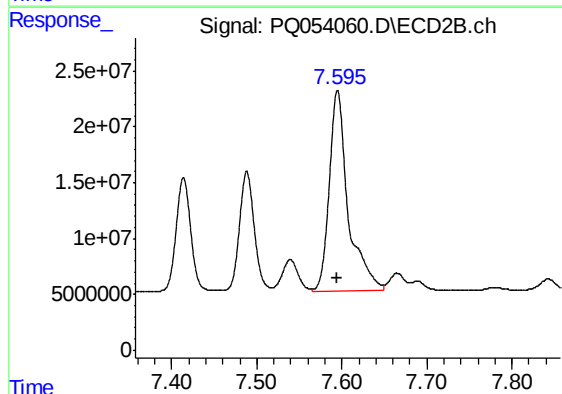
R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 34005842
Conc: 19.01 ng/ml



#36 AR-1262-1

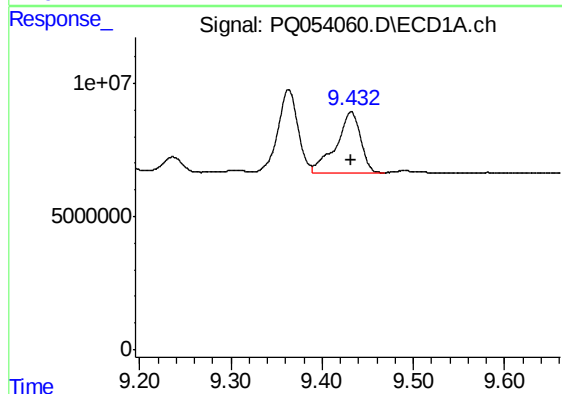
R.T.: 8.837 min
Delta R.T.: -0.007 min
Response: 32759708
Conc: 24.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



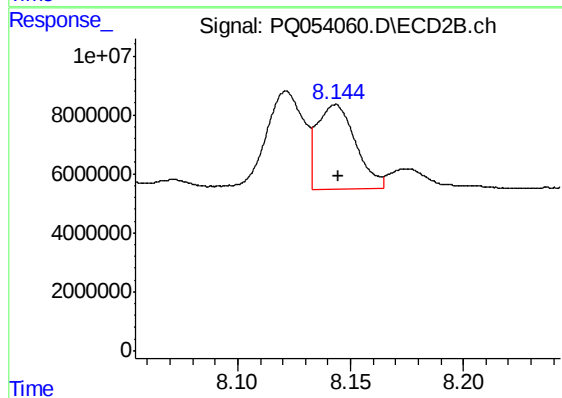
#36 AR-1262-1

R.T.: 7.595 min
Delta R.T.: 0.001 min
Response: 275827668
Conc: 492.30 ng/ml



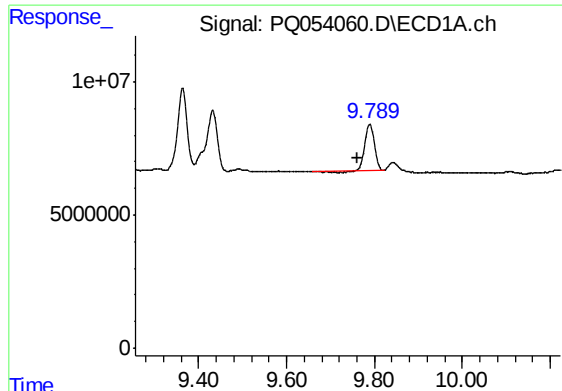
#37 AR-1262-2

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 42750484
Conc: 17.30 ng/ml



#37 AR-1262-2

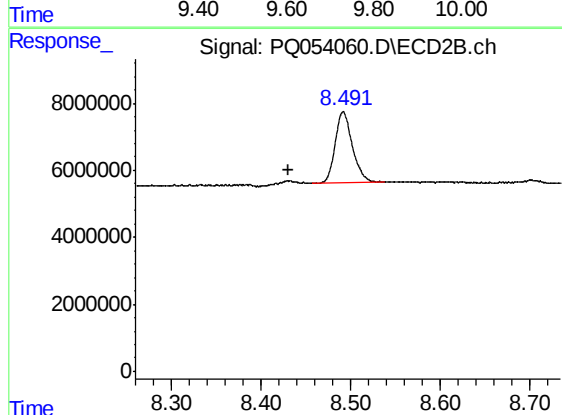
R.T.: 8.143 min
Delta R.T.: -0.001 min
Response: 34005842
Conc: 14.62 ng/ml



#38 AR-1262-3

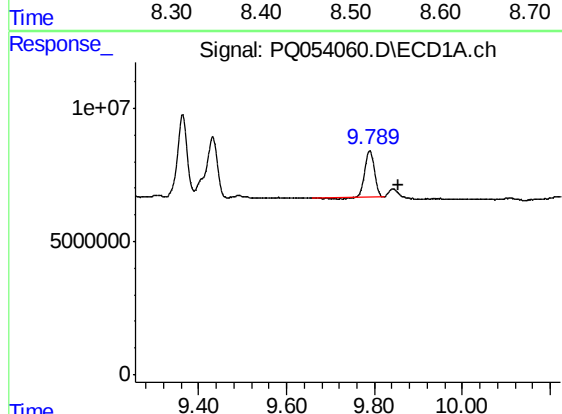
R.T.: 9.790 min
Delta R.T.: 0.029 min
Response: 25603373
Conc: 24.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



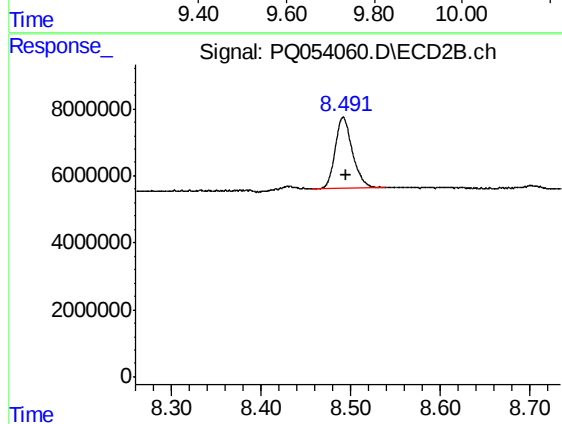
#38 AR-1262-3

R.T.: 8.491 min
Delta R.T.: 0.061 min
Response: 28789954
Conc: 30.87 ng/ml



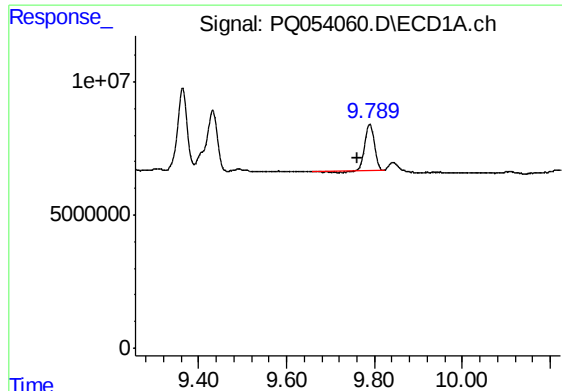
#39 AR-1262-4

R.T.: 9.790 min
Delta R.T.: -0.065 min
Response: 25603373
Conc: 41.78 ng/ml



#39 AR-1262-4

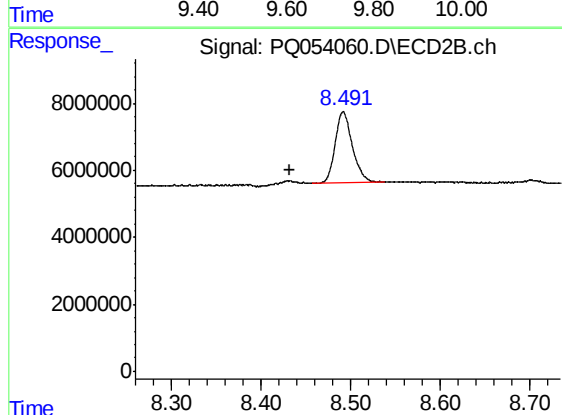
R.T.: 8.491 min
Delta R.T.: -0.004 min
Response: 28789954
Conc: 18.20 ng/ml



#41 AR-1268-1

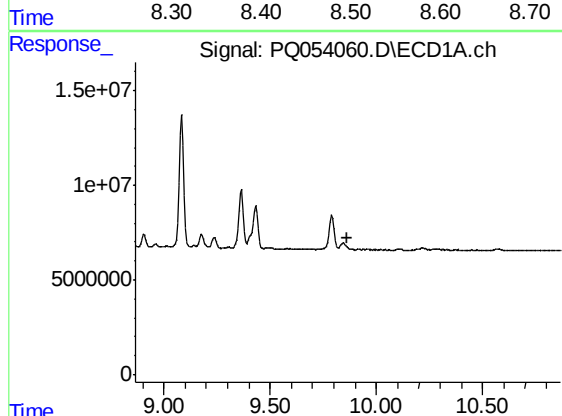
R.T.: 9.790 min
Delta R.T.: 0.028 min
Response: 25603373
Conc: 7.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543102



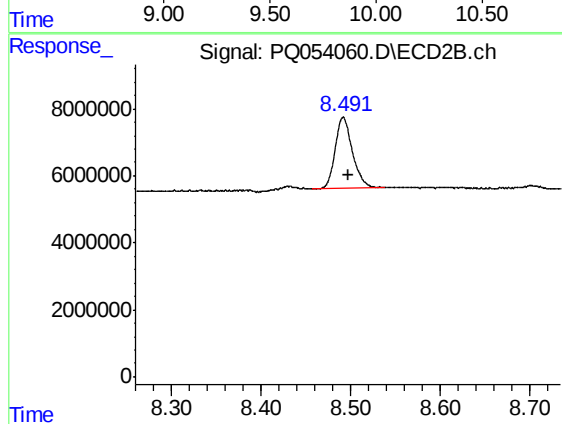
#41 AR-1268-1

R.T.: 8.491 min
Delta R.T.: 0.060 min
Response: 28789954
Conc: 9.06 ng/ml



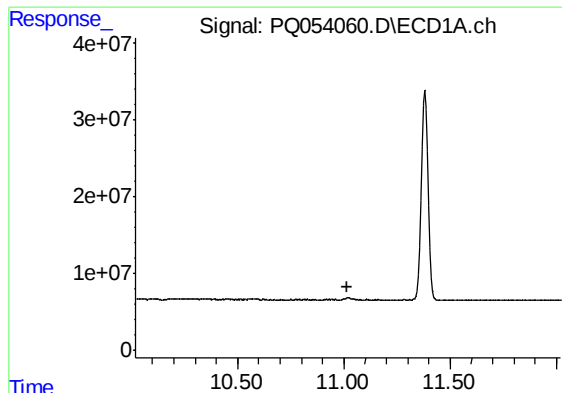
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.866 min
Response: 0
Conc: N.D.



#42 AR-1268-2

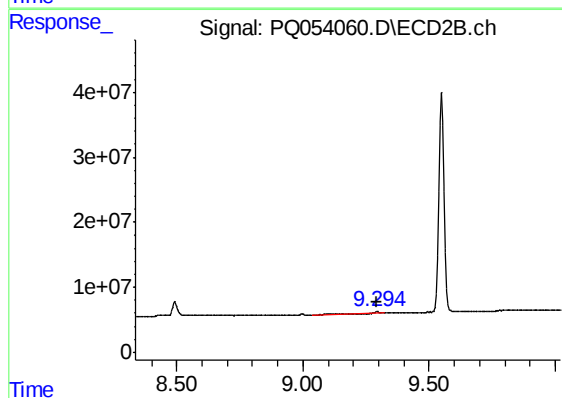
R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 28789954
Conc: 10.61 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 11.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
AR12543102



#45 AR-1268-5

R.T.: 9.292 min
Delta R.T.: -0.001 min
Response: 3587251
Conc: 0.55 ng/ml