

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
 Data File : PQ051318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2020 21:23
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 08:02:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 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...	5.234	4.253	462.9E6	125.6E6	20.443	21.073
2)	SA Decachlor...	11.431	9.609	692.4E6	222.3E6	42.199	43.521
Target Compounds							
3)	L1 AR-1016-1	6.558	5.515	250.4E6	73037660	333.071	344.621
4)	L1 AR-1016-2	6.582	5.536	366.0E6	102.7E6	336.726	344.664
5)	L1 AR-1016-3	6.649	5.729	216.1E6	52305816	336.044	341.882
6)	L1 AR-1016-4	6.757	5.779	182.5E6	38870452	336.973	320.399
7)	L1 AR-1016-5	7.071	6.008	178.1E6	49445480	342.144	316.122
8)	L2 AR-1221-1	5.481	4.510	23010754	6775323	104.053	110.128
9)	L2 AR-1221-2	5.583	4.611	30322544	8688781	197.528	203.133
10)	L2 AR-1221-3	5.671	4.700	125.7E6	35470355	240.573	241.856
11)	L3 AR-1232-1	5.671	4.700	125.7E6	35470355	294.984	297.910
12)	L3 AR-1232-2	6.263	5.536	171.5E6	102.7E6	763.195	824.649
13)	L3 AR-1232-3	6.582	5.729	366.0E6	52305816	788.179	824.234
14)	L3 AR-1232-4	6.757	5.824	182.5E6	50431224	787.095	914.824
15)	L3 AR-1232-5	6.851	6.008	142.6E6	49445480	852.944	826.921
16)	L4 AR-1242-1	6.558	5.515	250.4E6	73037660	414.203	434.223
17)	L4 AR-1242-2	6.582	5.536	366.0E6	102.7E6	422.804	439.901
18)	L4 AR-1242-3	6.649	5.729	216.1E6	52305816	418.418	432.336
19)	L4 AR-1242-4	6.757	5.824	182.5E6	50431224	423.122	432.257
20)	L4 AR-1242-5	7.539	6.388	196.0E6	70103197	417.832	443.086
21)	L5 AR-1248-1	6.558	5.515	250.4E6	73037660	580.662	616.225
22)	L5 AR-1248-2	6.851	5.779	142.6E6	38870452	236.741	236.030
23)	L5 AR-1248-3	7.071	5.824	178.1E6	50431224	256.507	295.480
24)	L5 AR-1248-4	7.498	6.008	187.2E6	49445480	231.112	239.633
25)	L5 AR-1248-5	7.539	6.432	196.0E6	60276751	249.489	281.027
26)	L6 AR-1254-1	7.469	6.388	145.3E6	70103197	169.399	195.729
27)	L6 AR-1254-2	7.705	6.547	163.9E6	20145138	122.954	65.020 #
28)	L6 AR-1254-3	8.081	6.969	71710476	20666855	49.518	39.994
29)	L6 AR-1254-4	8.375	7.207	51436609	17340889	49.108	53.270
30)	L6 AR-1254-5	8.804	7.638	10092822	6595038	9.149	14.534 #
31)	L7 AR-1260-1	8.211f	7.118	34402151	7910707	39.481	25.704 #
32)	L7 AR-1260-2	8.505	7.301	10252782	2615321	10.010	6.740 #
33)	L7 AR-1260-3	0.000	7.456	0	3575221	N.D.	9.897 #
34)	L7 AR-1260-4	0.000	7.943	0	682719	N.D.	2.180 #
35)	L7 AR-1260-5	0.000	8.187	0	464270	N.D.	0.591 #
36)	L8 AR-1262-1	0.000	7.638	0	6595038	N.D.	28.352 #
37)	L8 AR-1262-2	0.000	8.187	0	464270	N.D.	0.540 #
38)	L8 AR-1262-3	0.000	8.470	0	1290198	N.D.	4.117 #
39)	L8 AR-1262-4	0.000	8.539	0	802417	N.D.	1.307 #
40)	L8 AR-1262-5	0.000	9.050	0	792464	N.D.	2.852 #
41)	L9 AR-1268-1	0.000	8.470	0	1290198	N.D.	1.371 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
Data File : PQ051318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2020 21:23
Operator : DD\AJ
Sample : AR1242CCC400
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 08:02:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 19 05:59:02 2020
Response via : Initial Calibration
Integrator: ChemStation

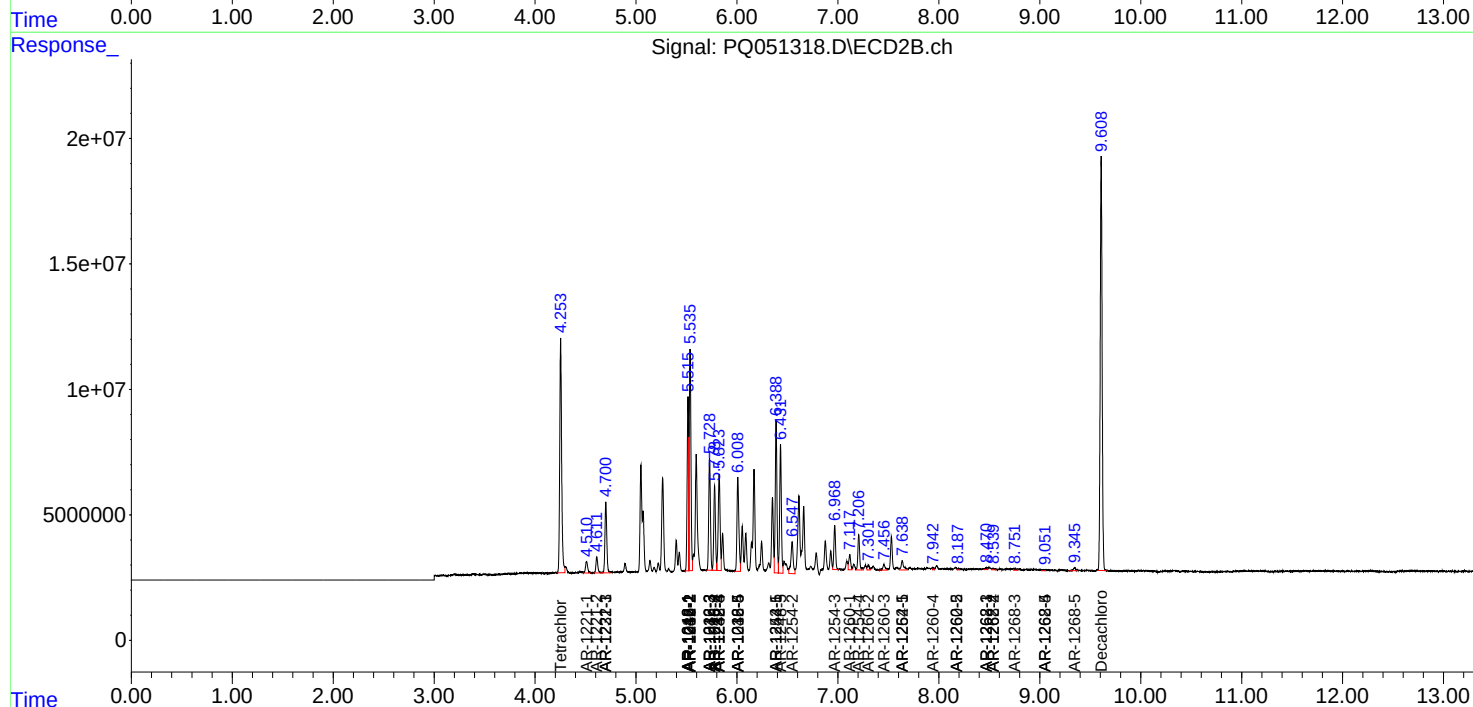
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

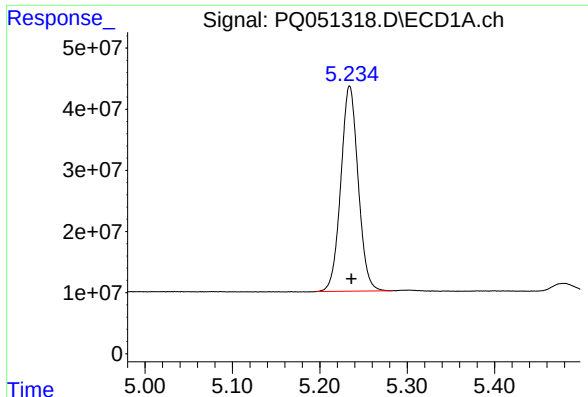
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	0.000	8.539	0	802417	N.D.	0.903 #
43)	L9 AR-1268-3	0.000	8.753	0	1207371	N.D.	1.612 #
44)	L9 AR-1268-4	0.000	9.050	0	792464	N.D.	2.526 #
45)	L9 AR-1268-5	0.000	9.346	0	2074408	N.D.	0.852 #

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

Instrument :
ECD_Q
ClientSampleId :

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

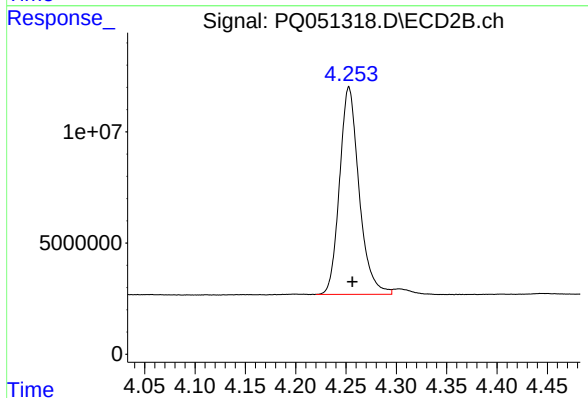




#1 Tetrachloro-m-xylene

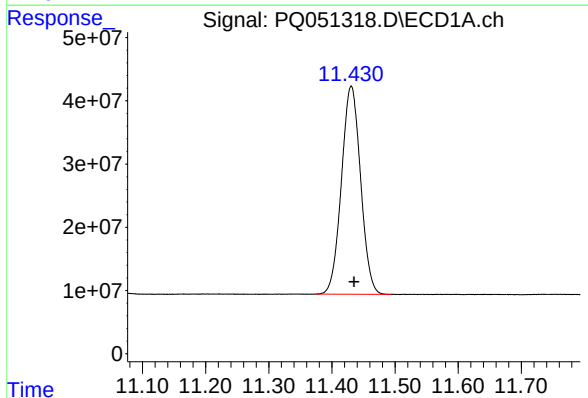
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 462870399
Conc: 20.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



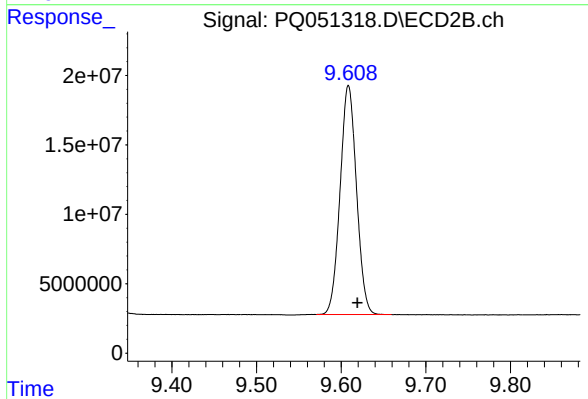
#1 Tetrachloro-m-xylene

R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 125635957
Conc: 21.07 ng/ml



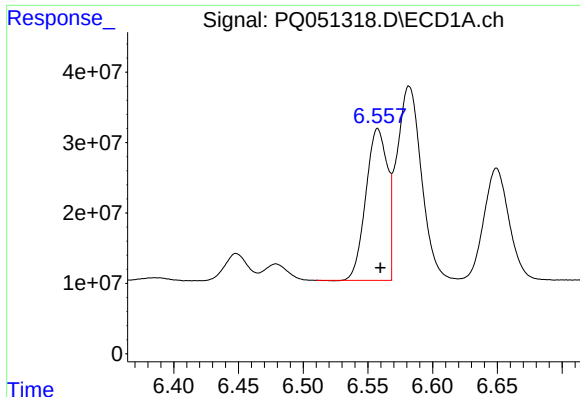
#2 Decachlorobiphenyl

R.T.: 11.431 min
Delta R.T.: -0.004 min
Response: 692440428
Conc: 42.20 ng/ml



#2 Decachlorobiphenyl

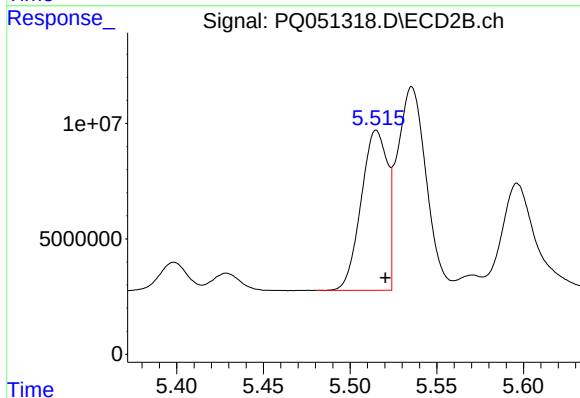
R.T.: 9.609 min
Delta R.T.: -0.011 min
Response: 222251635
Conc: 43.52 ng/ml



#3 AR-1016-1

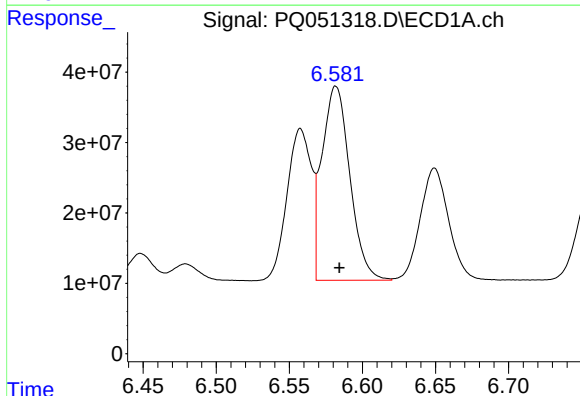
R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 250403834
Conc: 333.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



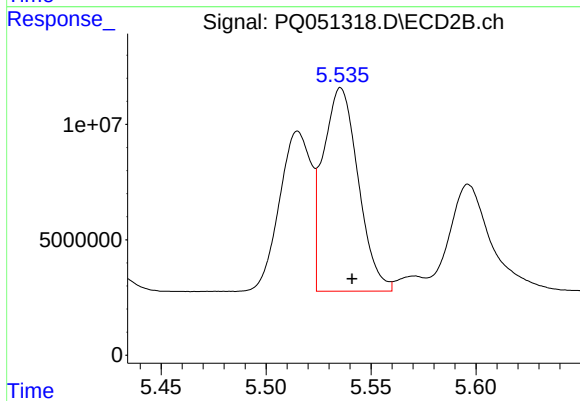
#3 AR-1016-1

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 73037660
Conc: 344.62 ng/ml



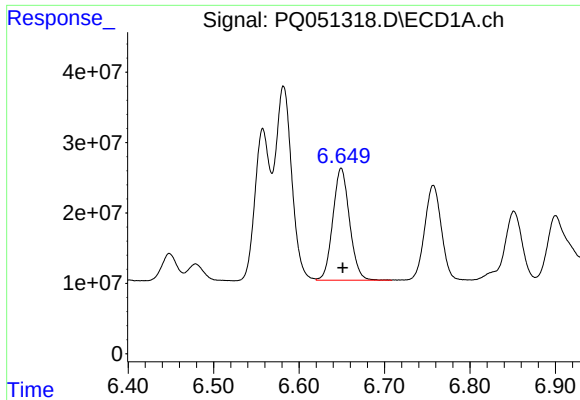
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 366024634
Conc: 336.73 ng/ml



#4 AR-1016-2

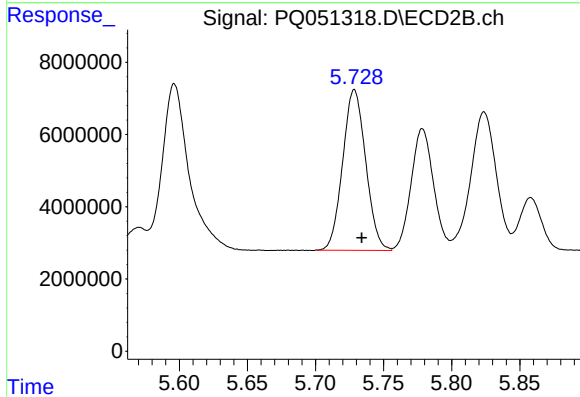
R.T.: 5.536 min
Delta R.T.: -0.005 min
Response: 102721267
Conc: 344.66 ng/ml



#5 AR-1016-3

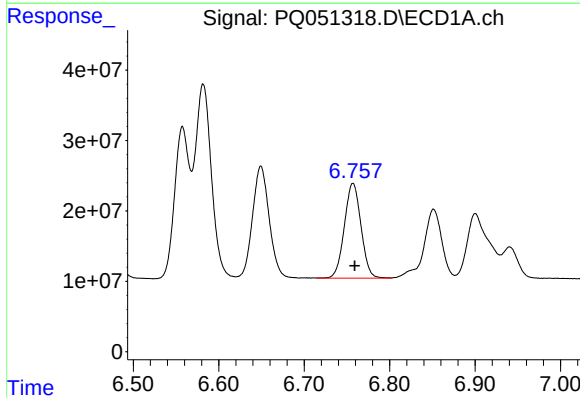
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 216098464
Conc: 336.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



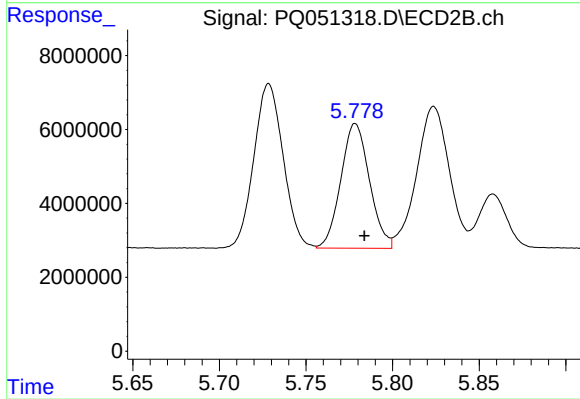
#5 AR-1016-3

R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 52305816
Conc: 341.88 ng/ml



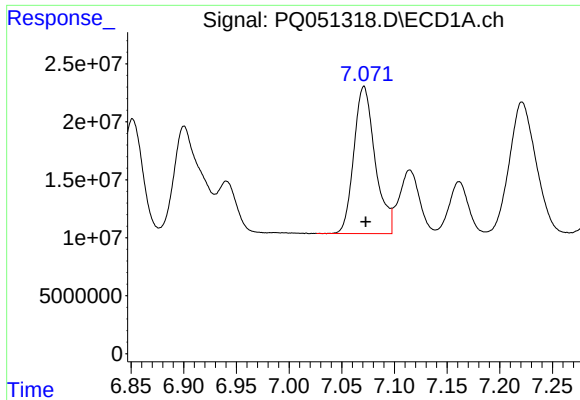
#6 AR-1016-4

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 182514883
Conc: 336.97 ng/ml



#6 AR-1016-4

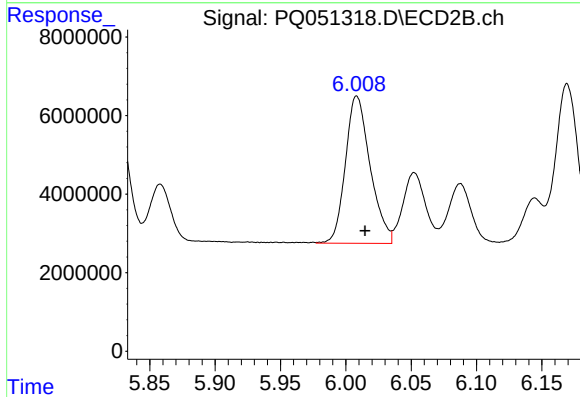
R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 38870452
Conc: 320.40 ng/ml



#7 AR-1016-5

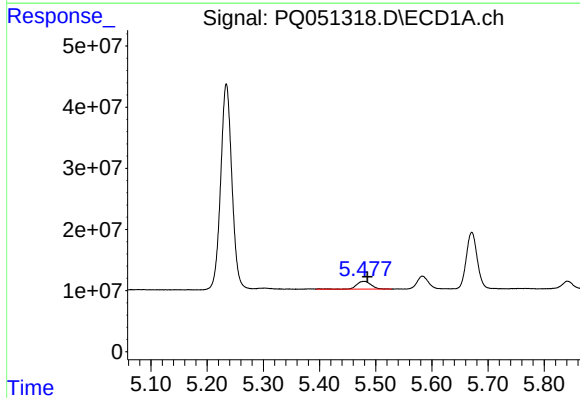
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 178115961
Conc: 342.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



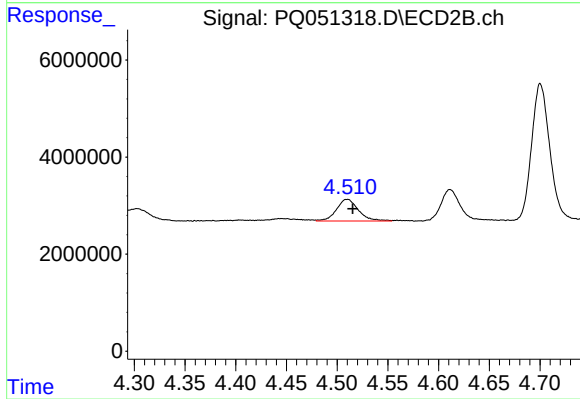
#7 AR-1016-5

R.T.: 6.008 min
Delta R.T.: -0.006 min
Response: 49445480
Conc: 316.12 ng/ml



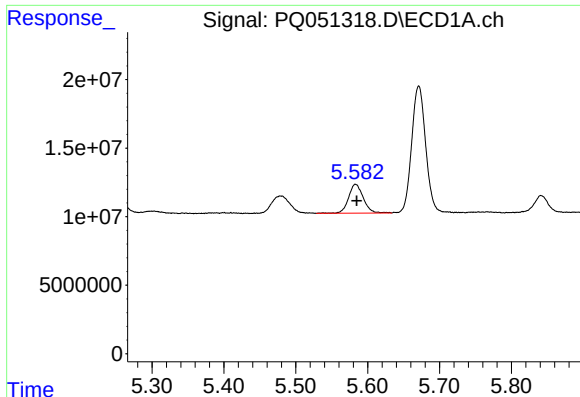
#8 AR-1221-1

R.T.: 5.481 min
Delta R.T.: -0.004 min
Response: 23010754
Conc: 104.05 ng/ml



#8 AR-1221-1

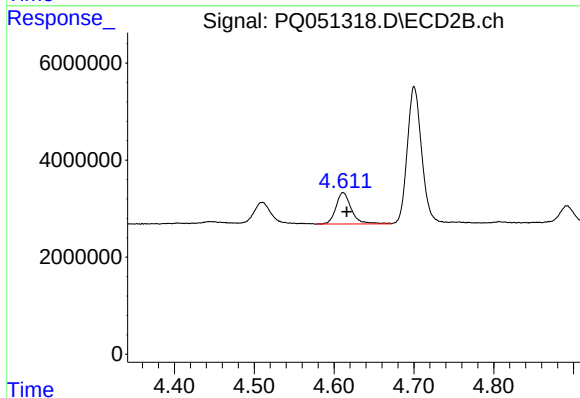
R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 6775323
Conc: 110.13 ng/ml



#9 AR-1221-2

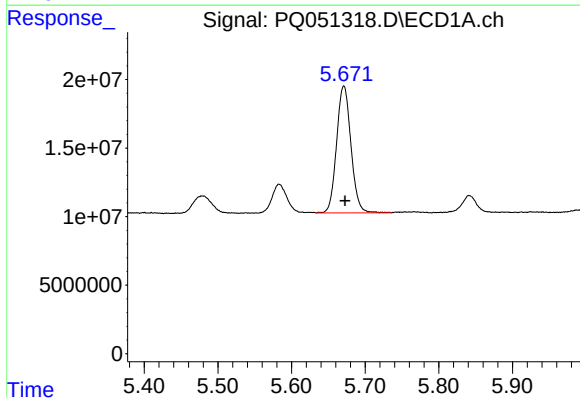
R.T.: 5.583 min
Delta R.T.: -0.002 min
Response: 30322544
Conc: 197.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



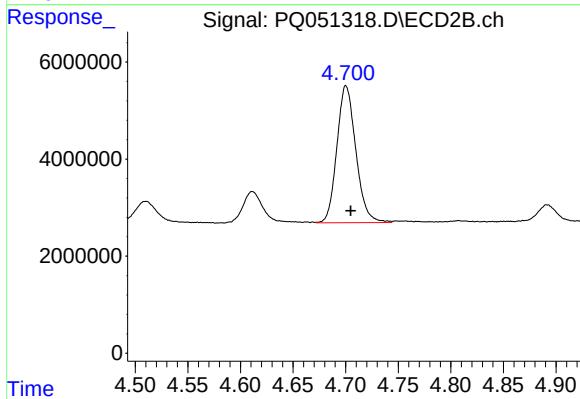
#9 AR-1221-2

R.T.: 4.611 min
Delta R.T.: -0.005 min
Response: 8688781
Conc: 203.13 ng/ml



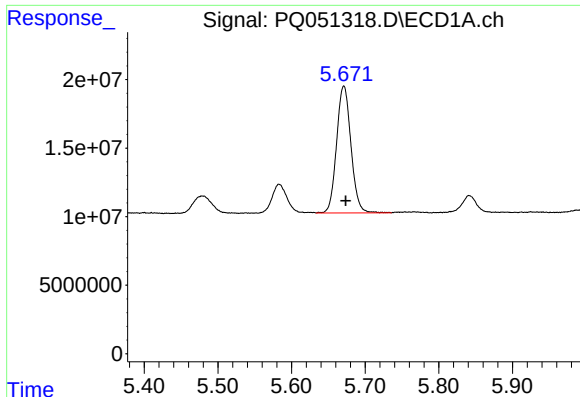
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 125730002
Conc: 240.57 ng/ml



#10 AR-1221-3

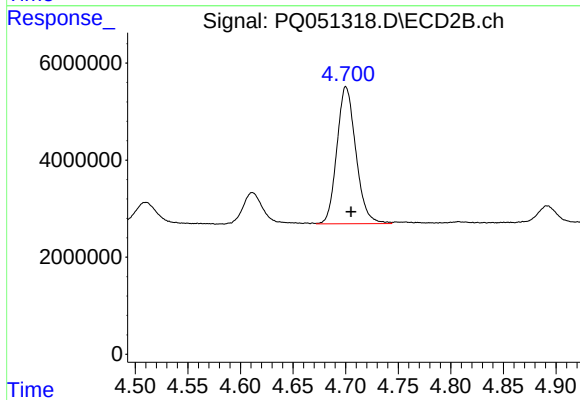
R.T.: 4.700 min
Delta R.T.: -0.005 min
Response: 35470355
Conc: 241.86 ng/ml



#11 AR-1232-1

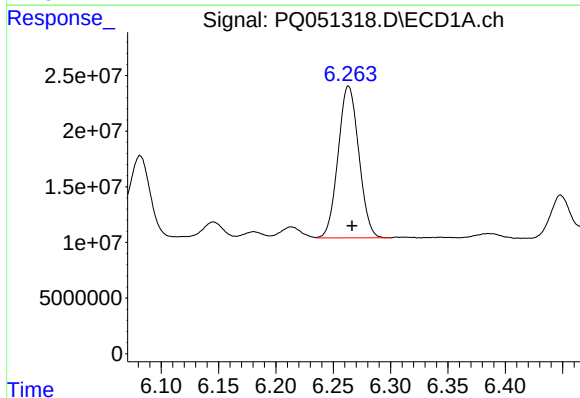
R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 125730002
Conc: 294.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



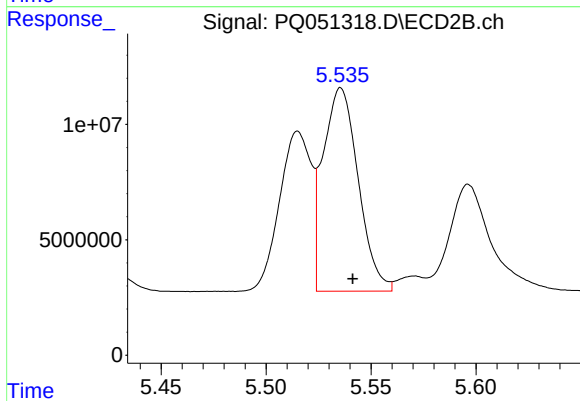
#11 AR-1232-1

R.T.: 4.700 min
Delta R.T.: -0.005 min
Response: 35470355
Conc: 297.91 ng/ml



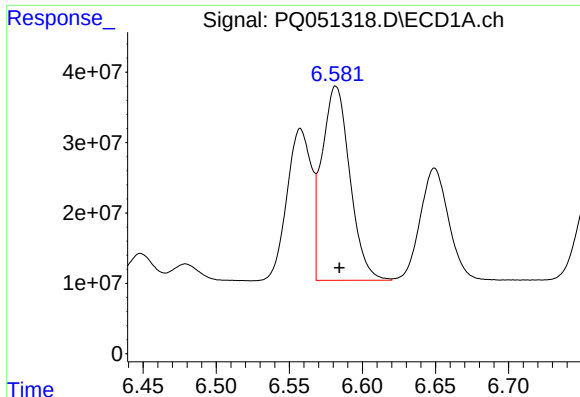
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 171529490
Conc: 763.20 ng/ml



#12 AR-1232-2

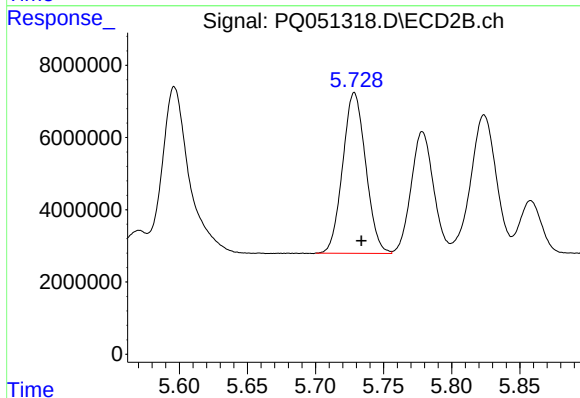
R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 102721267
Conc: 824.65 ng/ml



#13 AR-1232-3

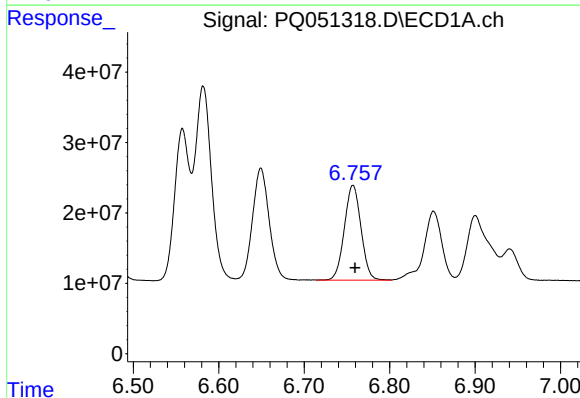
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 366024634
Conc: 788.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



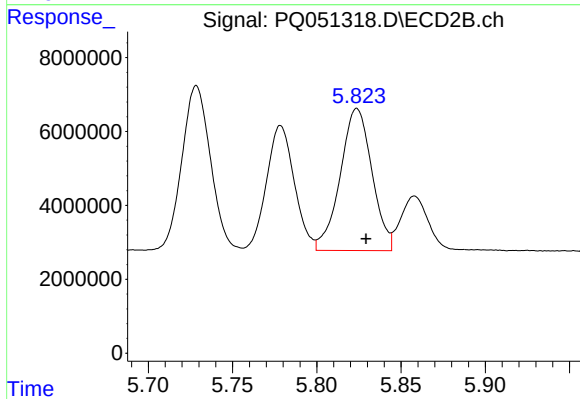
#13 AR-1232-3

R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 52305816
Conc: 824.23 ng/ml



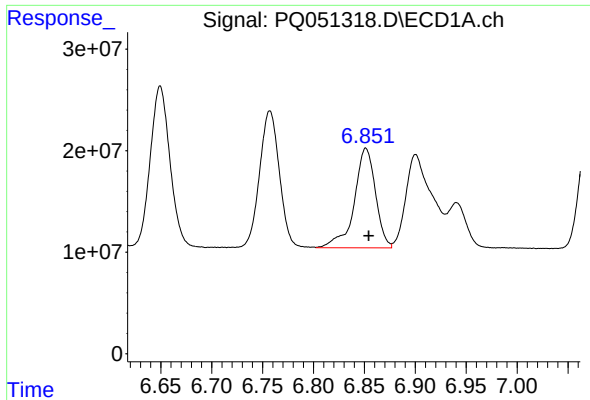
#14 AR-1232-4

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 182514883
Conc: 787.10 ng/ml



#14 AR-1232-4

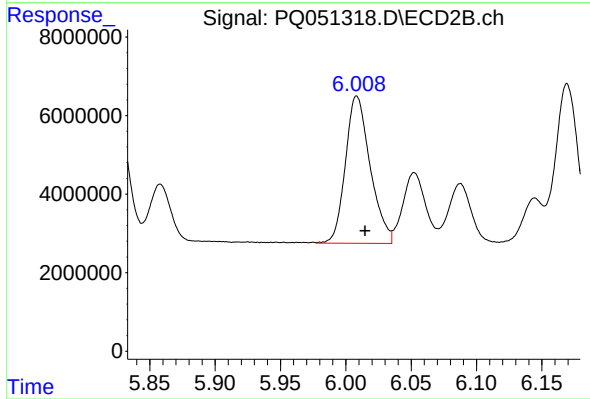
R.T.: 5.824 min
Delta R.T.: -0.005 min
Response: 50431224
Conc: 914.82 ng/ml



#15 AR-1232-5

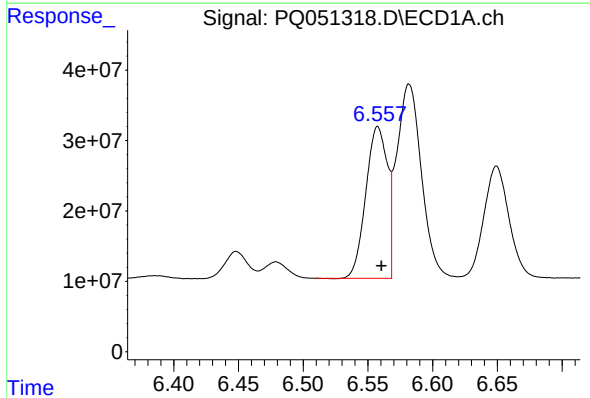
R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 142572186
Conc: 852.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



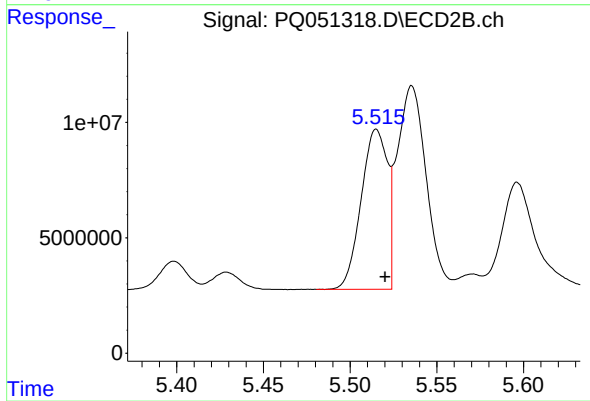
#15 AR-1232-5

R.T.: 6.008 min
Delta R.T.: -0.006 min
Response: 49445480
Conc: 826.92 ng/ml



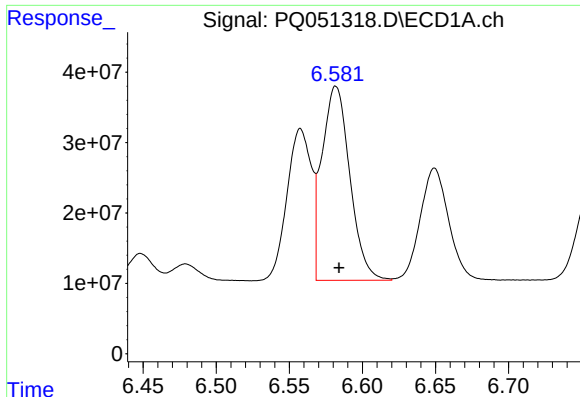
#16 AR-1242-1

R.T.: 6.558 min
Delta R.T.: -0.003 min
Response: 250403834
Conc: 414.20 ng/ml



#16 AR-1242-1

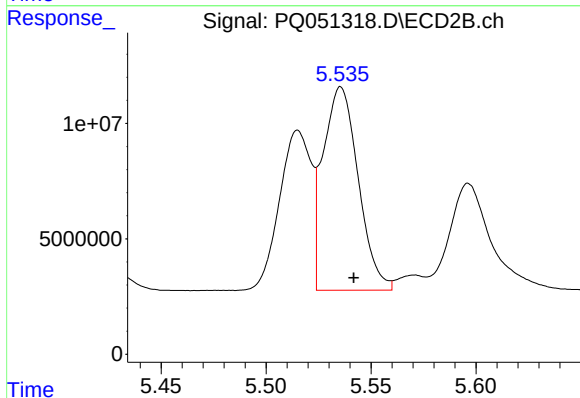
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 73037660
Conc: 434.22 ng/ml



#17 AR-1242-2

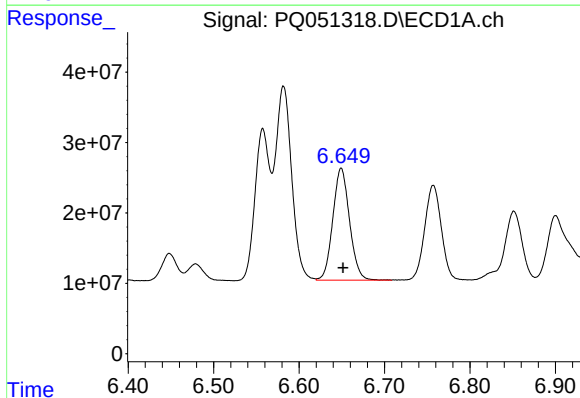
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 366024634
Conc: 422.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



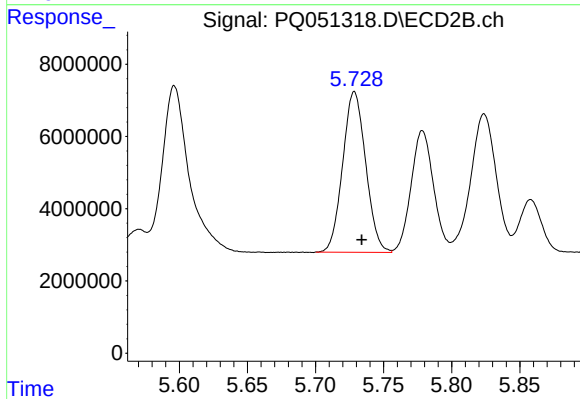
#17 AR-1242-2

R.T.: 5.536 min
Delta R.T.: -0.006 min
Response: 102721267
Conc: 439.90 ng/ml



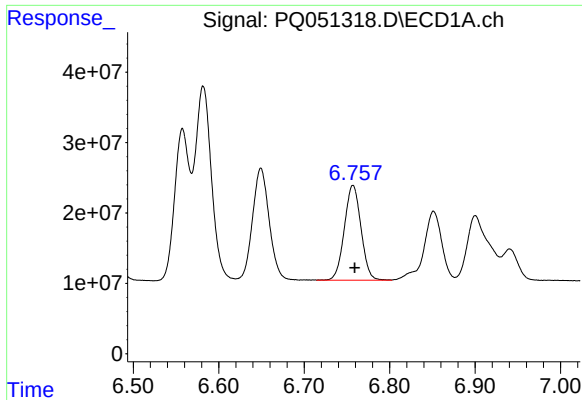
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 216098464
Conc: 418.42 ng/ml



#18 AR-1242-3

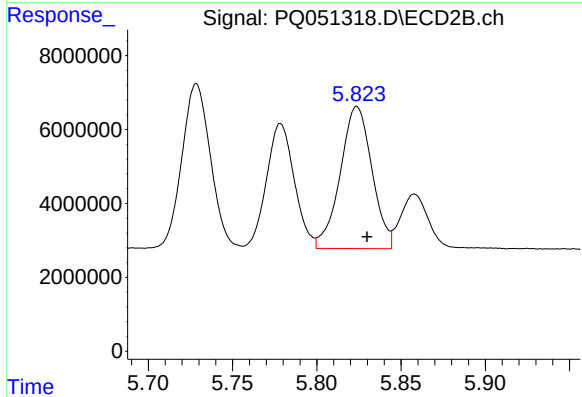
R.T.: 5.729 min
Delta R.T.: -0.005 min
Response: 52305816
Conc: 432.34 ng/ml



#19 AR-1242-4

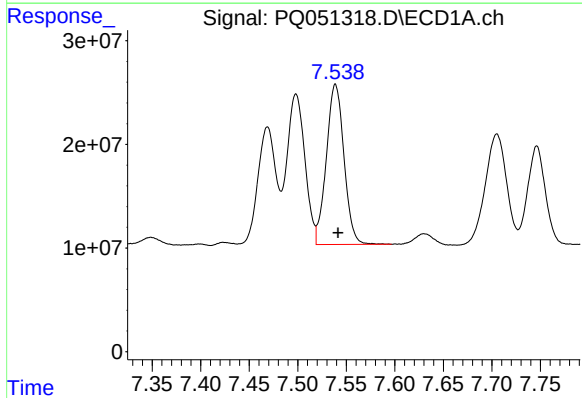
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 182514883
Conc: 423.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



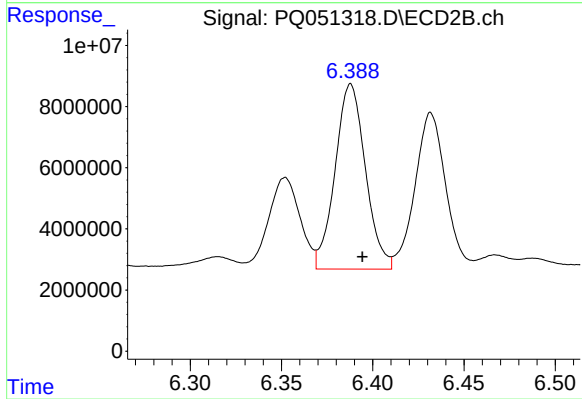
#19 AR-1242-4

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 50431224
Conc: 432.26 ng/ml



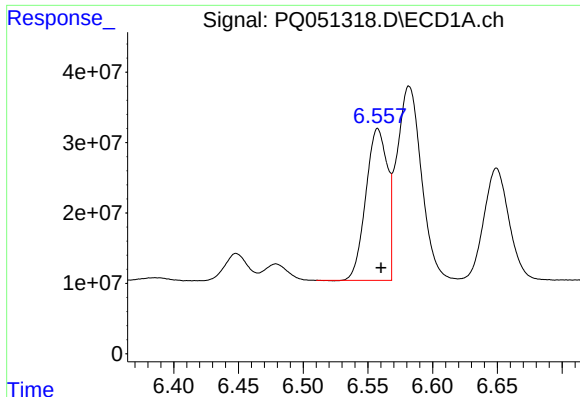
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 195973798
Conc: 417.83 ng/ml



#20 AR-1242-5

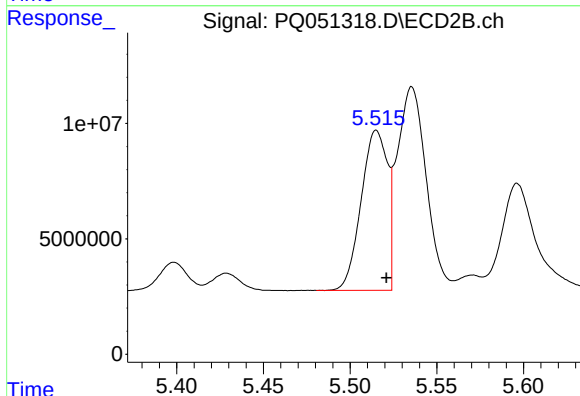
R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 70103197
Conc: 443.09 ng/ml



#21 AR-1248-1

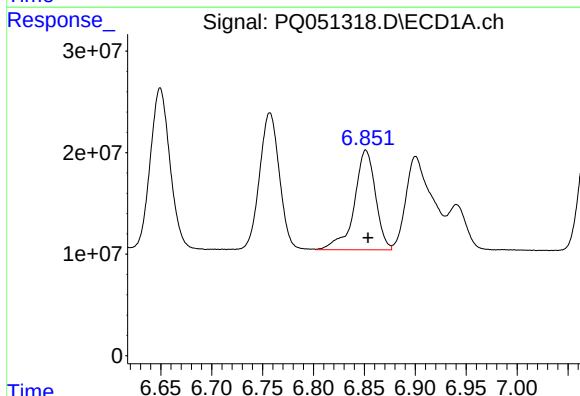
R.T.: 6.558 min
Delta R.T.: -0.003 min
Response: 250403834
Conc: 580.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



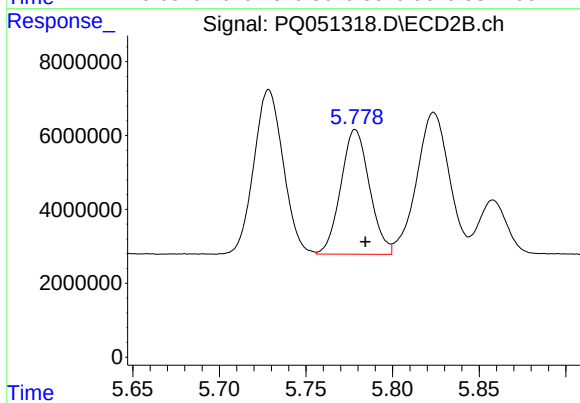
#21 AR-1248-1

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 73037660
Conc: 616.23 ng/ml



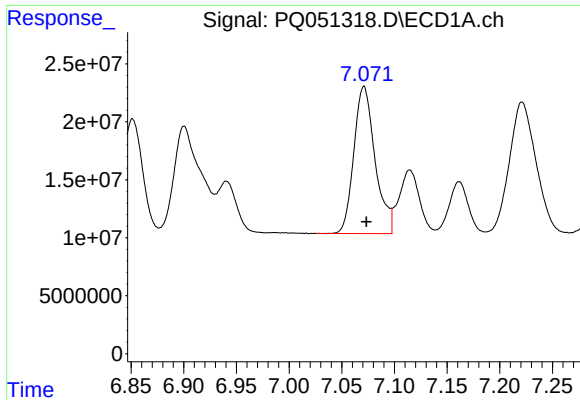
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 142572186
Conc: 236.74 ng/ml



#22 AR-1248-2

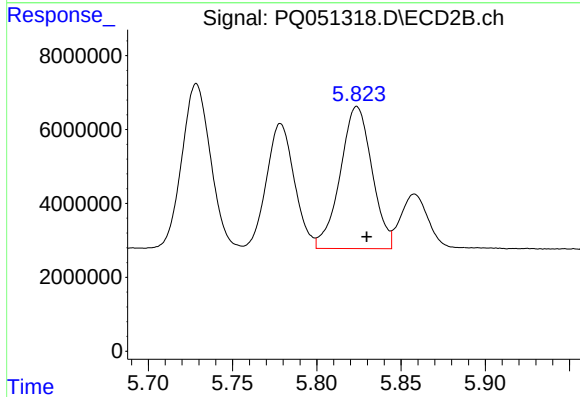
R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 38870452
Conc: 236.03 ng/ml



#23 AR-1248-3

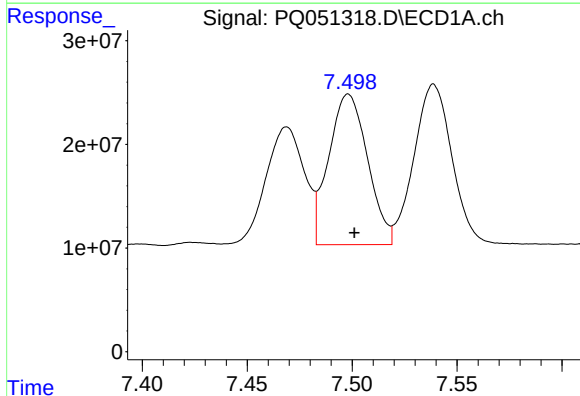
R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 178115961
Conc: 256.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



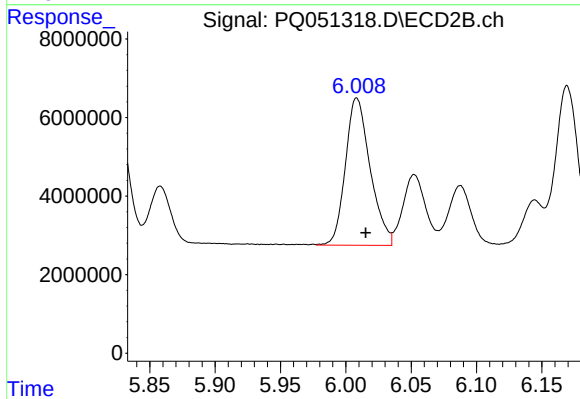
#23 AR-1248-3

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 50431224
Conc: 295.48 ng/ml



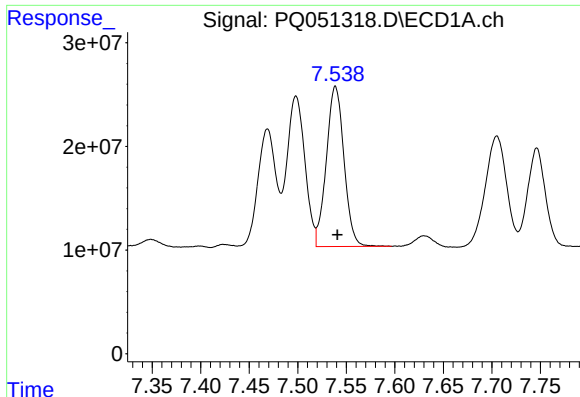
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 187199240
Conc: 231.11 ng/ml



#24 AR-1248-4

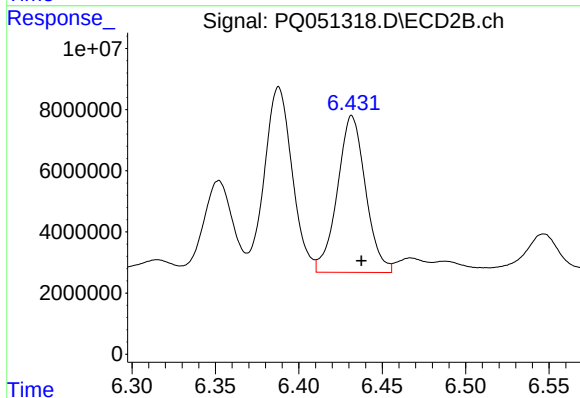
R.T.: 6.008 min
Delta R.T.: -0.007 min
Response: 49445480
Conc: 239.63 ng/ml



#25 AR-1248-5

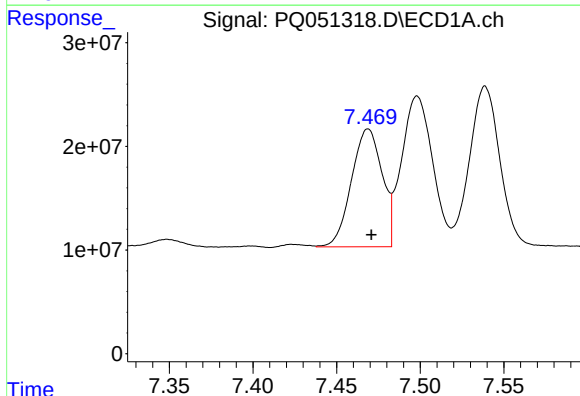
R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 195973798
Conc: 249.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



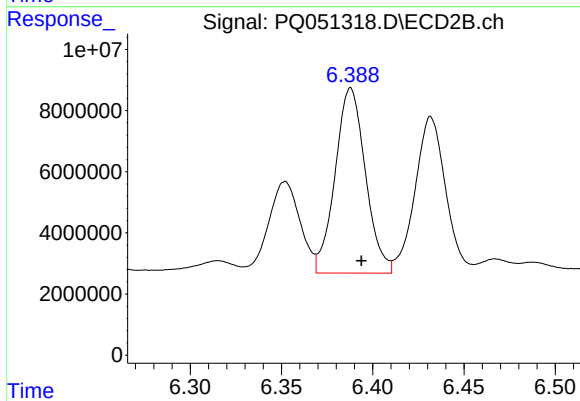
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: -0.006 min
Response: 60276751
Conc: 281.03 ng/ml



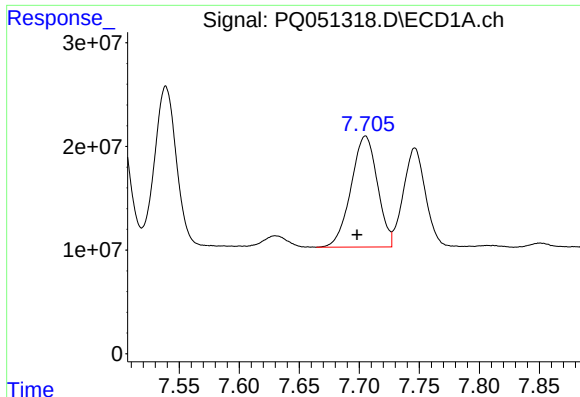
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 145274183
Conc: 169.40 ng/ml



#26 AR-1254-1

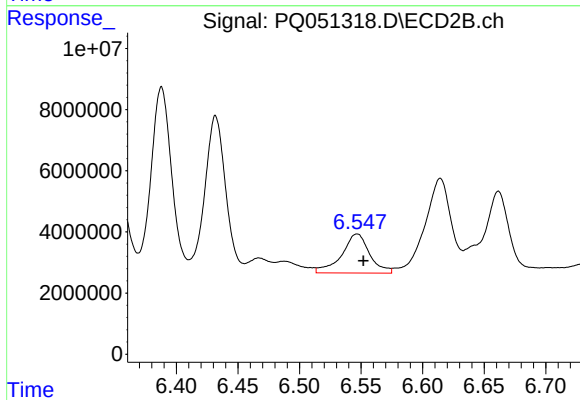
R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 70103197
Conc: 195.73 ng/ml



#27 AR-1254-2

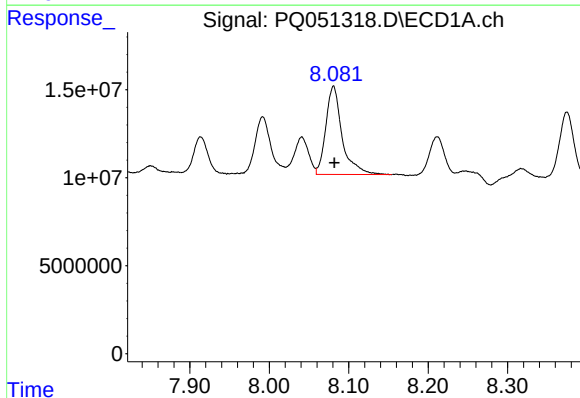
R.T.: 7.705 min
Delta R.T.: 0.007 min
Response: 163871195
Conc: 122.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



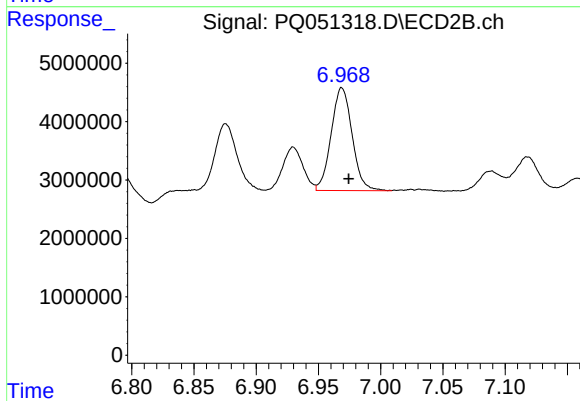
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 20145138
Conc: 65.02 ng/ml



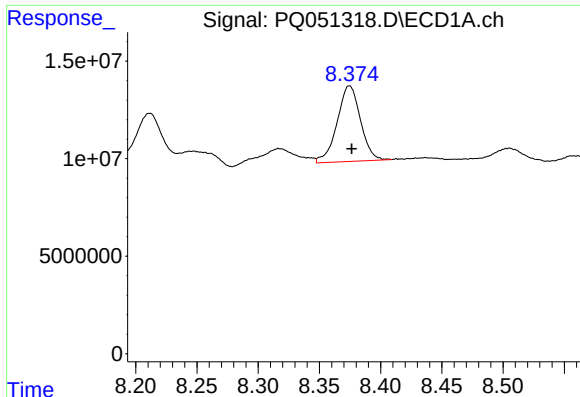
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: -0.001 min
Response: 71710476
Conc: 49.52 ng/ml



#28 AR-1254-3

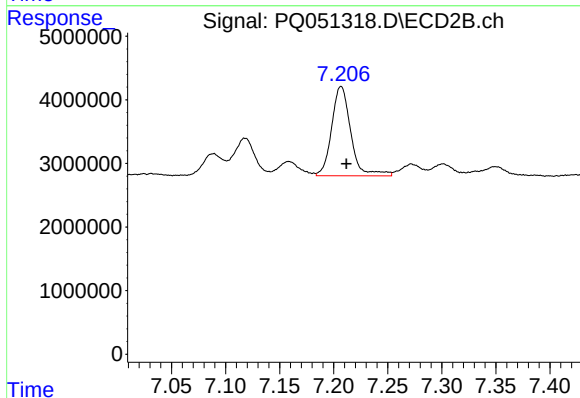
R.T.: 6.969 min
Delta R.T.: -0.005 min
Response: 20666855
Conc: 39.99 ng/ml



#29 AR-1254-4

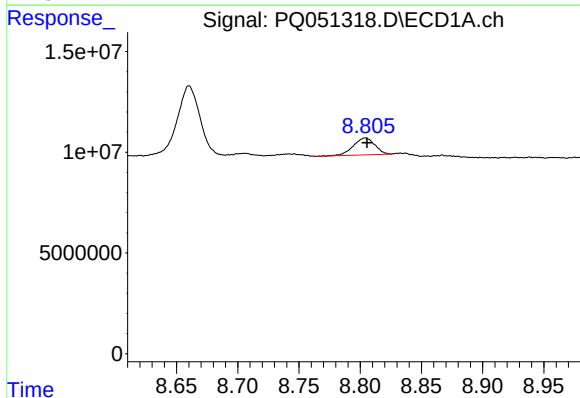
R.T.: 8.375 min
Delta R.T.: -0.002 min
Response: 51436609
Conc: 49.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



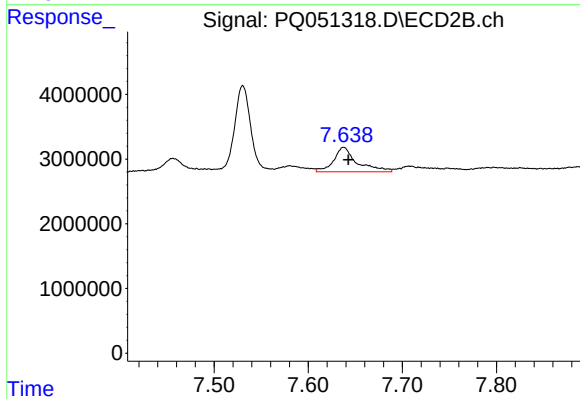
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: -0.005 min
Response: 17340889
Conc: 53.27 ng/ml



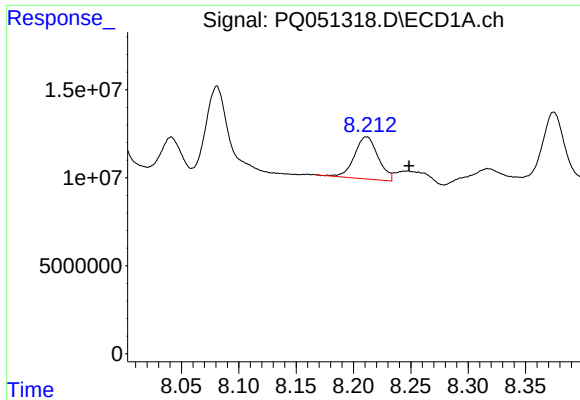
#30 AR-1254-5

R.T.: 8.804 min
Delta R.T.: -0.001 min
Response: 10092822
Conc: 9.15 ng/ml



#30 AR-1254-5

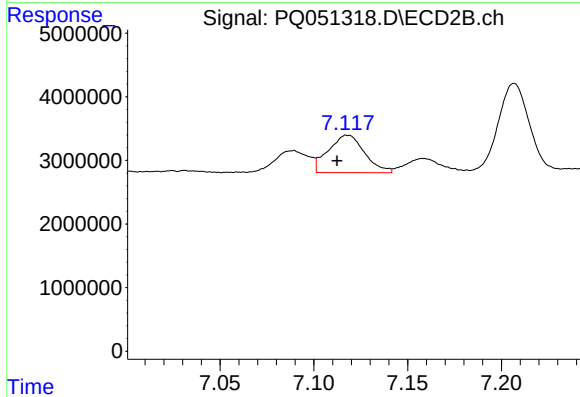
R.T.: 7.638 min
Delta R.T.: -0.005 min
Response: 6595038
Conc: 14.53 ng/ml



#31 AR-1260-1

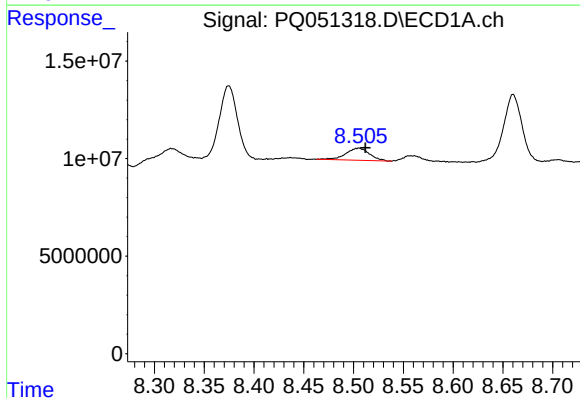
R.T.: 8.211 min
Delta R.T.: -0.037 min
Response: 34402151
Conc: 39.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



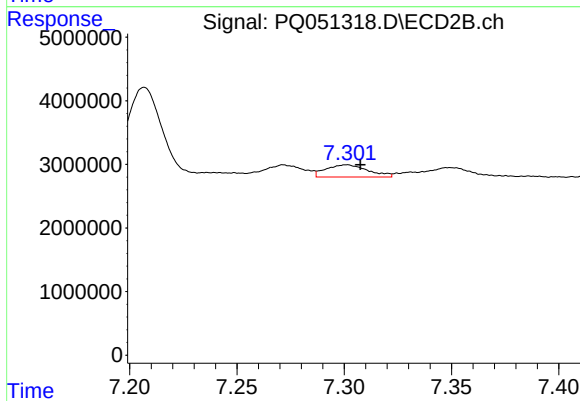
#31 AR-1260-1

R.T.: 7.118 min
Delta R.T.: 0.006 min
Response: 7910707
Conc: 25.70 ng/ml



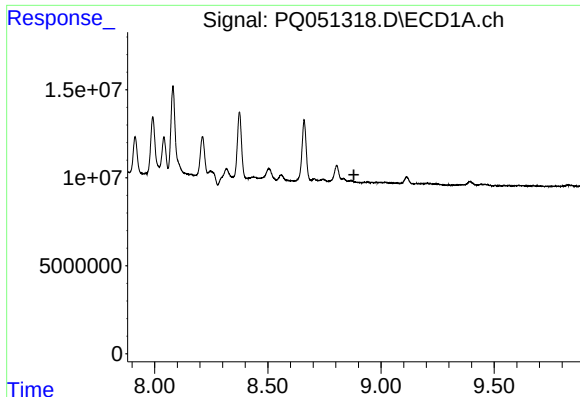
#32 AR-1260-2

R.T.: 8.505 min
Delta R.T.: -0.007 min
Response: 10252782
Conc: 10.01 ng/ml



#32 AR-1260-2

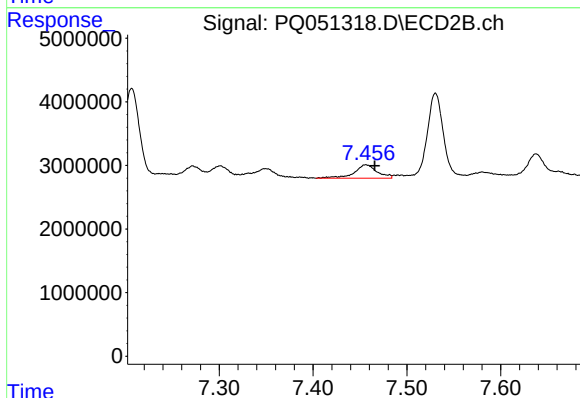
R.T.: 7.301 min
Delta R.T.: -0.006 min
Response: 2615321
Conc: 6.74 ng/ml



#33 AR-1260-3

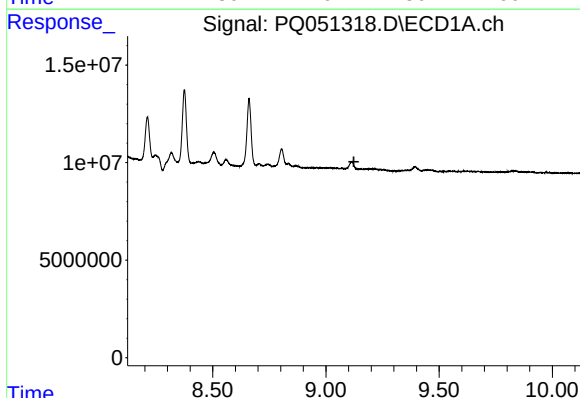
R.T.: 0.000 min
Exp R.T.: 8.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



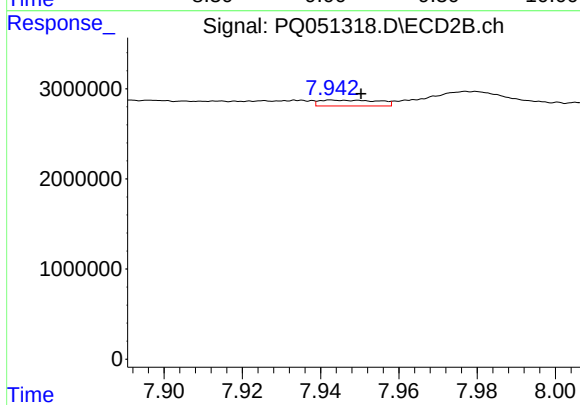
#33 AR-1260-3

R.T.: 7.456 min
Delta R.T.: -0.009 min
Response: 3575221
Conc: 9.90 ng/ml



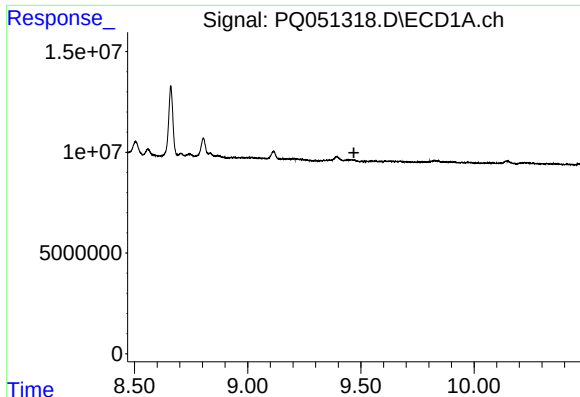
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.124 min
Response: 0
Conc: N.D.



#34 AR-1260-4

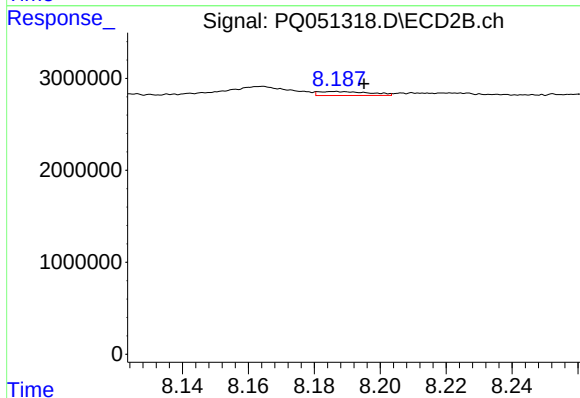
R.T.: 7.943 min
Delta R.T.: -0.007 min
Response: 682719
Conc: 2.18 ng/ml



#35 AR-1260-5

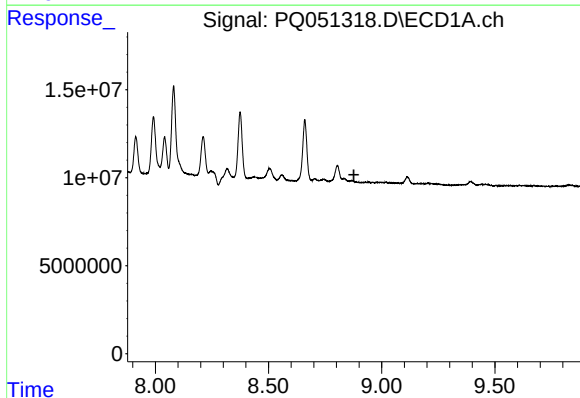
R.T.: 0.000 min
Exp R.T.: 9.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



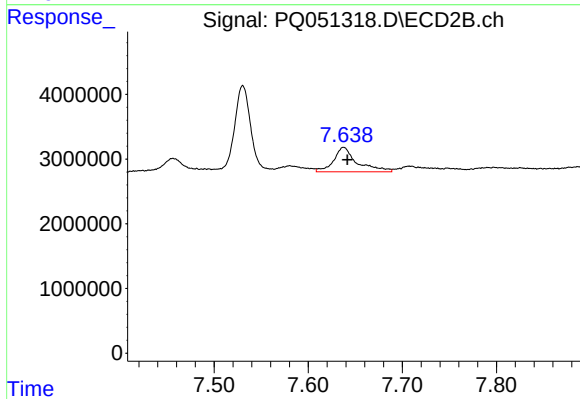
#35 AR-1260-5

R.T.: 8.187 min
Delta R.T.: -0.008 min
Response: 464270
Conc: 0.59 ng/ml



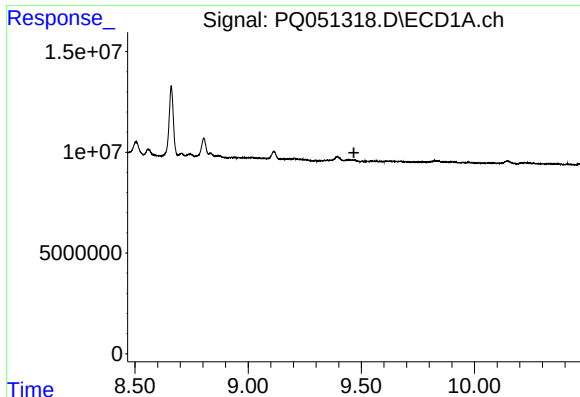
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.877 min
Response: 0
Conc: N.D.



#36 AR-1262-1

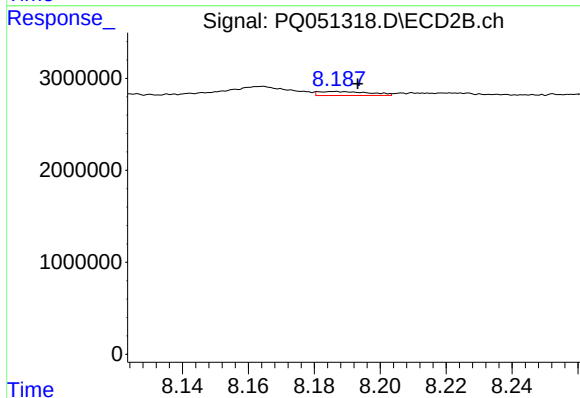
R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 6595038
Conc: 28.35 ng/ml



#37 AR-1262-2

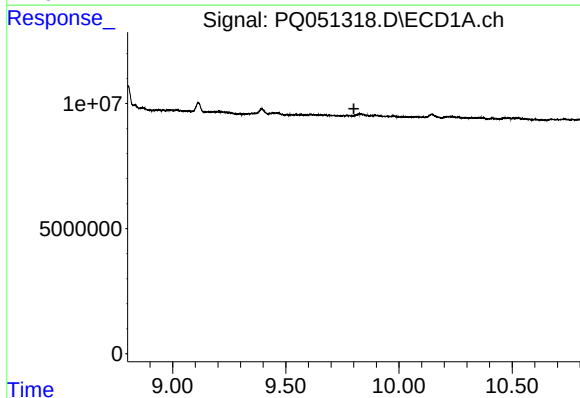
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



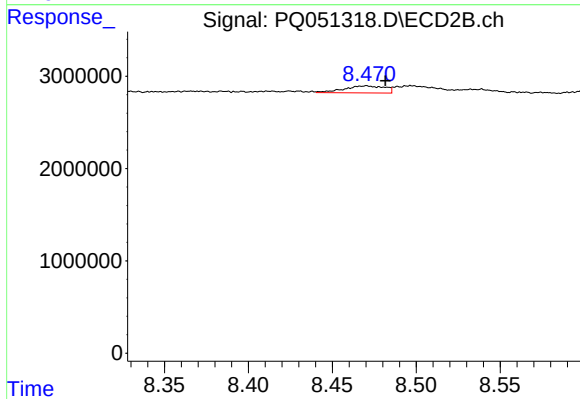
#37 AR-1262-2

R.T.: 8.187 min
Delta R.T.: -0.007 min
Response: 464270
Conc: 0.54 ng/ml



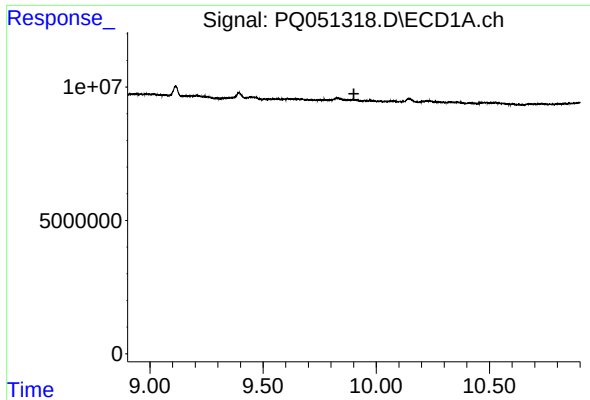
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.801 min
Response: 0
Conc: N.D.



#38 AR-1262-3

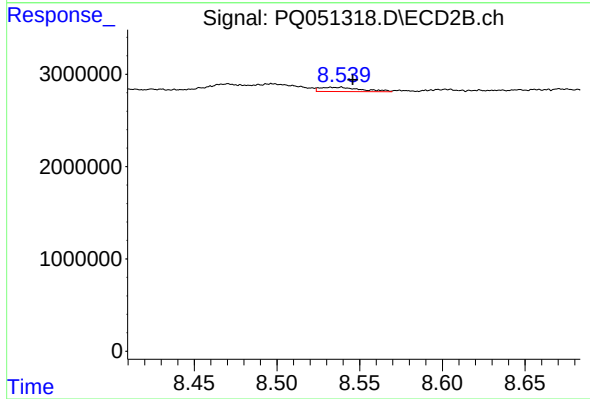
R.T.: 8.470 min
Delta R.T.: -0.011 min
Response: 1290198
Conc: 4.12 ng/ml



#39 AR-1262-4

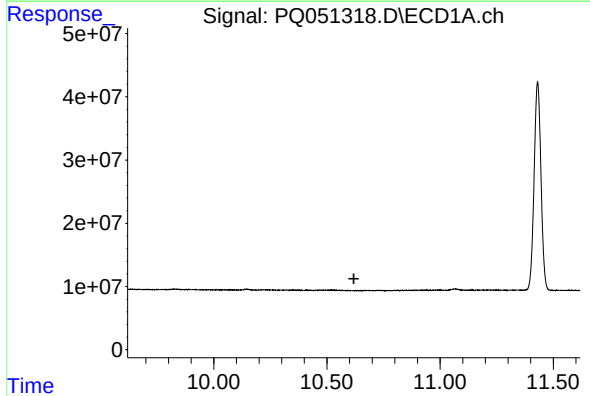
R.T.: 0.000 min
Exp R.T. : 9.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



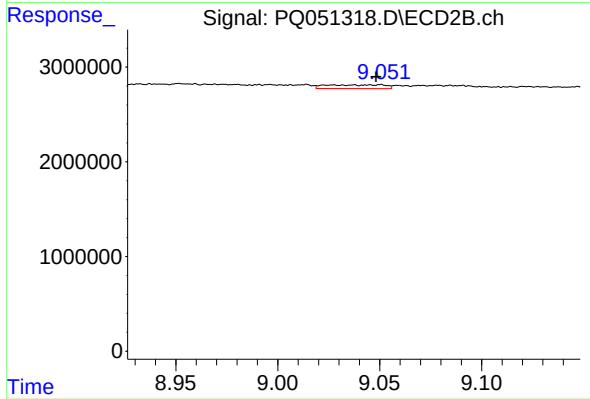
#39 AR-1262-4

R.T.: 8.539 min
Delta R.T.: -0.007 min
Response: 802417
Conc: 1.31 ng/ml



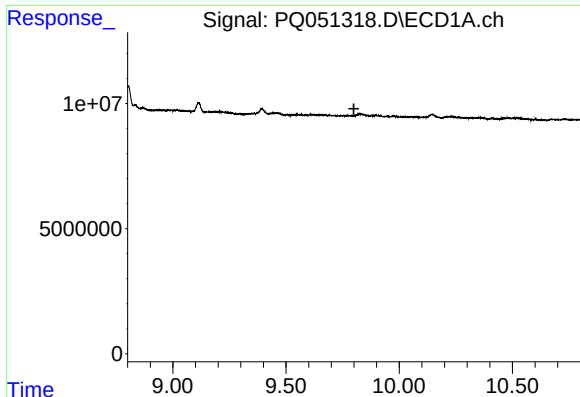
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.619 min
Response: 0
Conc: N.D.



#40 AR-1262-5

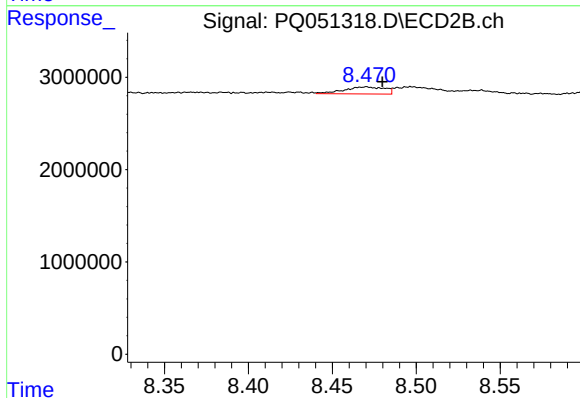
R.T.: 9.050 min
Delta R.T.: 0.002 min
Response: 792464
Conc: 2.85 ng/ml



#41 AR-1268-1

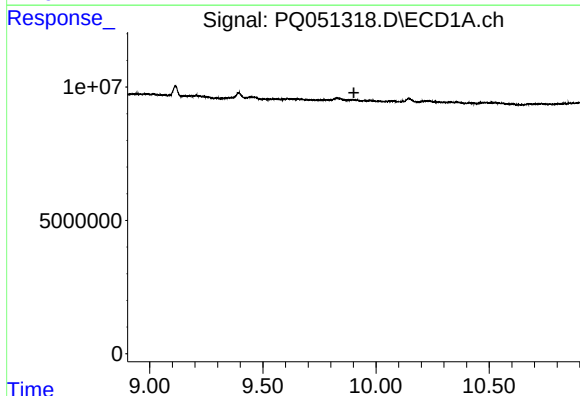
R.T.: 0.000 min
Exp R.T.: 9.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



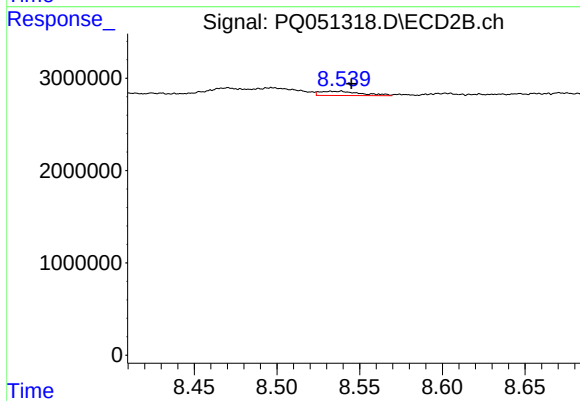
#41 AR-1268-1

R.T.: 8.470 min
Delta R.T.: -0.010 min
Response: 1290198
Conc: 1.37 ng/ml



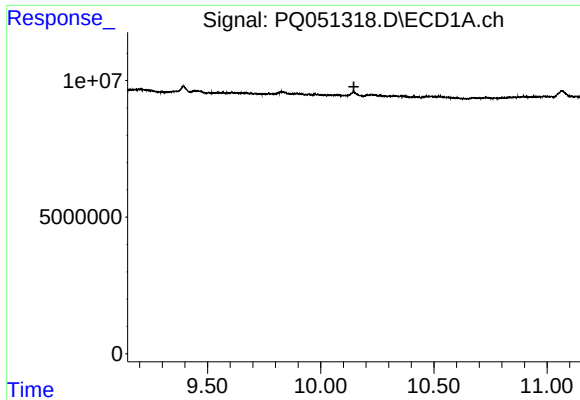
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

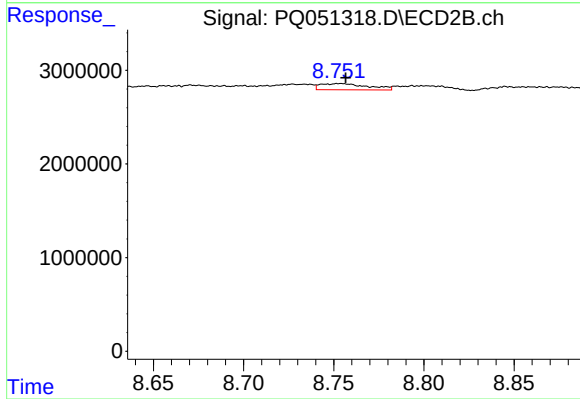
R.T.: 8.539 min
Delta R.T.: -0.007 min
Response: 802417
Conc: 0.90 ng/ml



#43 AR-1268-3

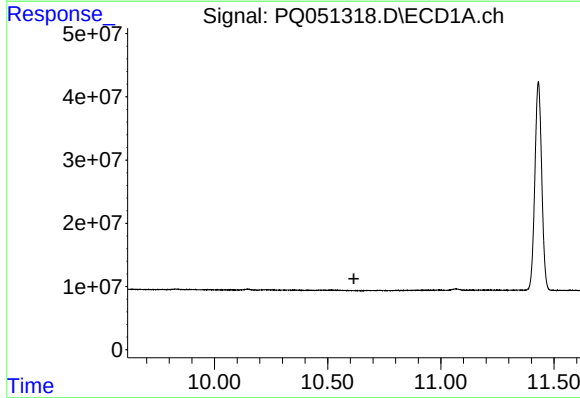
R.T.: 0.000 min
Exp R.T.: 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



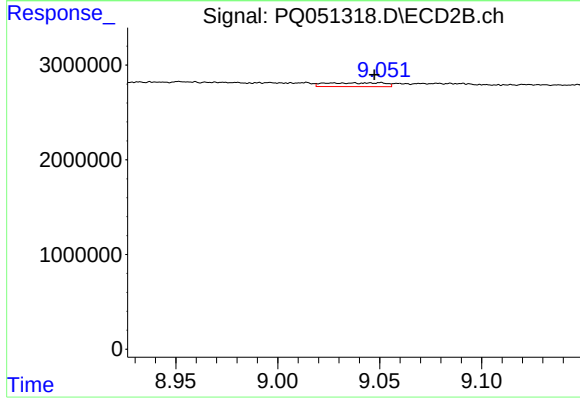
#43 AR-1268-3

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 1207371
Conc: 1.61 ng/ml



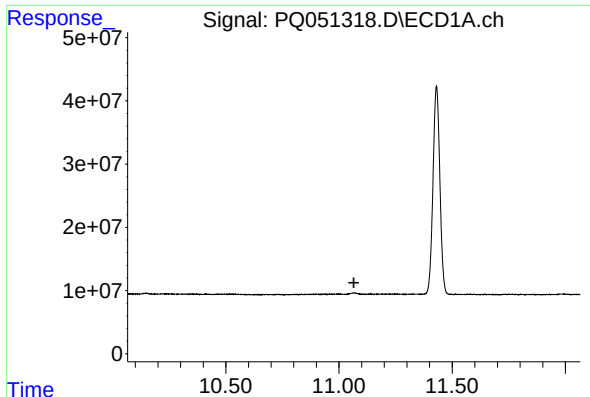
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.616 min
Response: 0
Conc: N.D.



#44 AR-1268-4

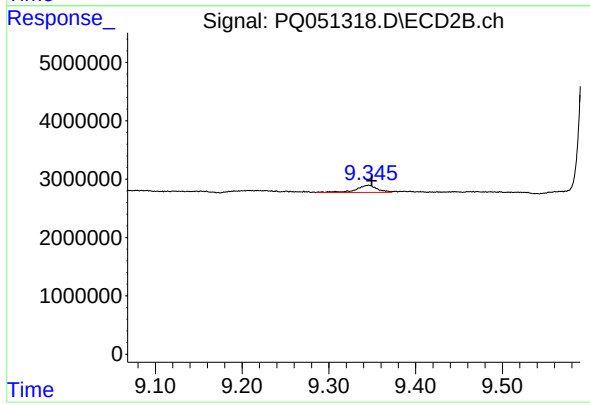
R.T.: 9.050 min
Delta R.T.: 0.003 min
Response: 792464
Conc: 2.53 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: -0.003 min
Response: 2074408
Conc: 0.85 ng/ml