

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
 Data File : PQ041912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 05:47
 Operator : SM\AJ
 Sample : K4029-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENT8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 06:47:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.695	4.754	19788970	16816625	8.629	8.726
2)	SA Decachlor...	12.088	10.508	126.7E6	77327497	15.024	15.985
Target Compounds							
3)	L1 AR-1016-1	0.000	6.206	0	2813224	N.D.	27.110 #
4)	L1 AR-1016-2	0.000	6.228	0	3505560	N.D.	24.468 #
5)	L1 AR-1016-3	0.000	6.444	0	2375187	N.D.	31.851 #
6)	L1 AR-1016-4	0.000	6.497	0	8796269	N.D.	141.852 #
7)	L1 AR-1016-5	7.683	6.749	6158611	4997407	78.344	61.391
10)	L2 AR-1221-3	0.000	5.352	0	12032900	N.D.	220.658 #
11)	L3 AR-1232-1	0.000	5.352	0	12032900	N.D.	249.192 #
12)	L3 AR-1232-2	0.000	6.228	0	3505560	N.D.	61.471 #
13)	L3 AR-1232-3	0.000	6.444	0	2375187	N.D.	79.652 #
14)	L3 AR-1232-4	0.000	6.544	0	6245237	N.D.	233.933 #
15)	L3 AR-1232-5	7.454	6.749	8908623	4997407	414.542	170.408 #
16)	L4 AR-1242-1	0.000	6.206	0	2813224	N.D.	34.375 #
17)	L4 AR-1242-2	0.000	6.228	0	3505560	N.D.	31.040 #
18)	L4 AR-1242-3	0.000	6.444	0	2375187	N.D.	40.208 #
19)	L4 AR-1242-4	0.000	6.544	0	6245237	N.D.	105.321 #
20)	L4 AR-1242-5	8.173	7.157	13123389	21009285	147.909	236.606 #
21)	L5 AR-1248-1	0.000	6.206	0	2813224	N.D.	42.429 #
22)	L5 AR-1248-2	7.454	6.497	8908623	8796269	96.557	100.889
23)	L5 AR-1248-3	7.683	6.544	6158611	6245237	54.967	69.970 #
24)	L5 AR-1248-4	8.131	6.749	5091335	4997407	32.562	45.373 #
25)	L5 AR-1248-5	8.173	7.204	13123389	8059533	86.724	62.879 #
26)	L6 AR-1254-1	8.100	7.157	17962735	21009285	129.122	114.877
27)	L6 AR-1254-2	8.338	7.326	28957841	17416052	126.518	107.592
28)	L6 AR-1254-3	8.731	7.772	38205671	46475891	139.729	161.147
29)	L6 AR-1254-4	9.033	8.021	12824722	13260596	52.096	61.088
30)	L6 AR-1254-5	9.471	8.467	23014352	22916262	84.972	76.192
31)	L7 AR-1260-1	8.903	7.914	11817781	21232137	66.435	117.027 #
32)	L7 AR-1260-2	9.172	8.117	20709163	13666514	82.090	55.705 #
33)	L7 AR-1260-3	9.547	8.281	6666160	13420244	29.093	63.072 #
34)	L7 AR-1260-4	9.785	8.779	18528271	5192037	72.562	25.666 #
35)	L7 AR-1260-5	10.137	9.031	22984953	15155727	34.123	25.679
36)	L8 AR-1262-1	9.547	8.564	6666160	2938111	43.373	20.480 #
37)	L8 AR-1262-2	10.137	9.031	22984953	15155727	26.256	20.452
38)	L8 AR-1262-3	10.496	9.324	25771672	8533118	40.585	26.972 #
39)	L8 AR-1262-4	10.572	9.391	23179242	13542957	46.293	24.082 #
40)	L8 AR-1262-5	11.281	9.915	7365566	6521713	18.092	22.835 #
41)	L9 AR-1268-1	10.496	9.324	25771672	8533118	18.091	7.464 #
42)	L9 AR-1268-2	10.572	9.391	23179242	13542957	17.574	13.193
43)	L9 AR-1268-3	0.000	9.603	0	3994793	N.D.	4.597 #
44)	L9 AR-1268-4	11.281	9.915	7365566	6521713	13.529	16.954 #

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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_Q
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BENT8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:47:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
45) L9	AR-1268-5	11.726	10.230	12976706	9896898	3.202	3.810

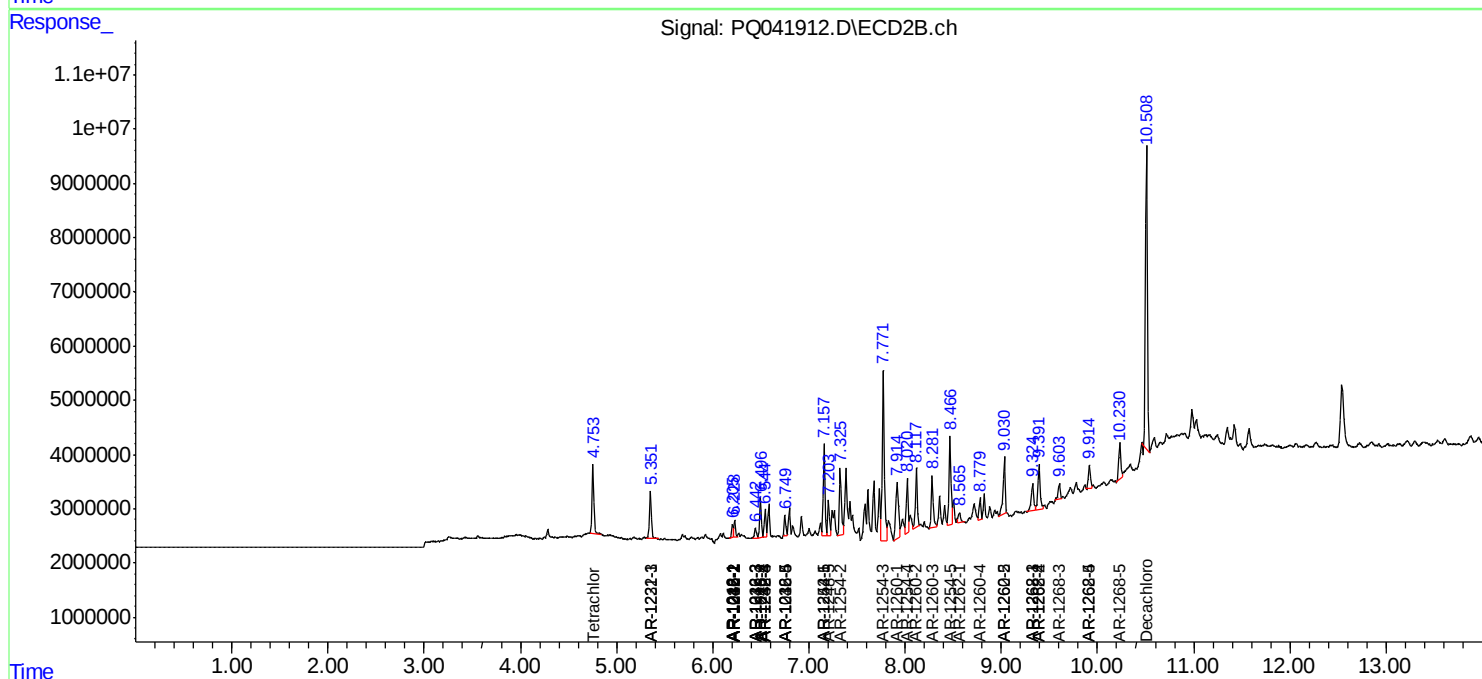
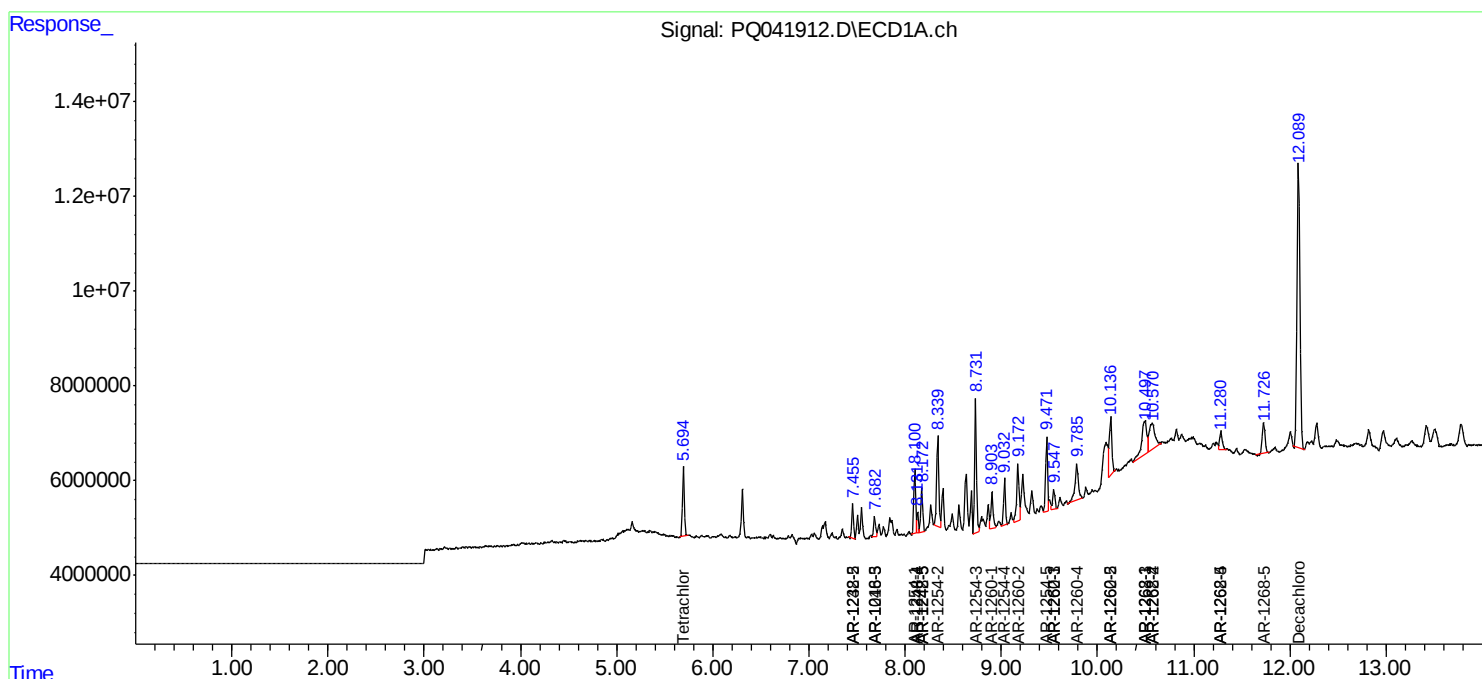
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

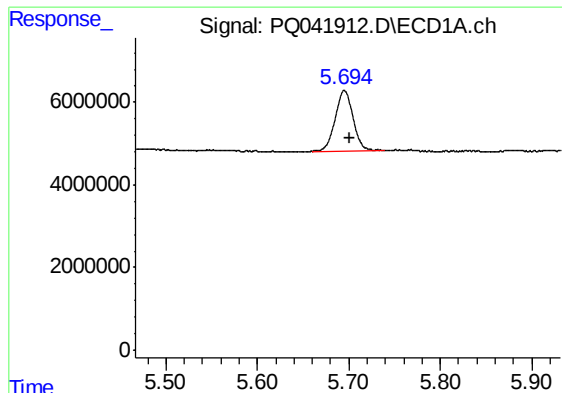
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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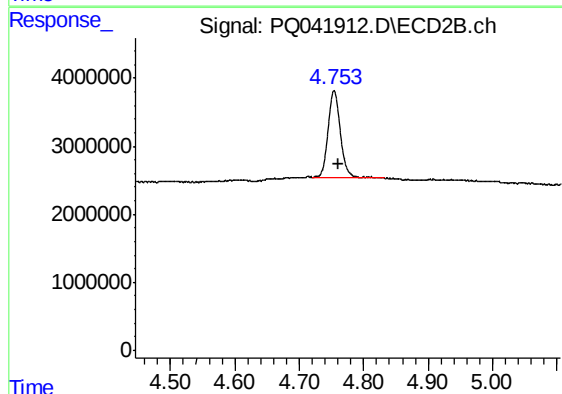




#1 Tetrachloro-m-xylene

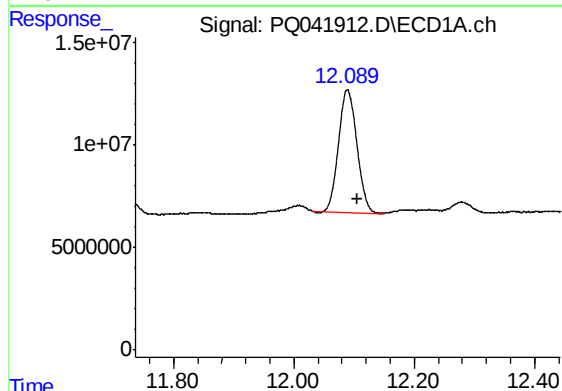
R.T.: 5.695 min
Delta R.T.: -0.006 min
Response: 19788970
Conc: 8.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



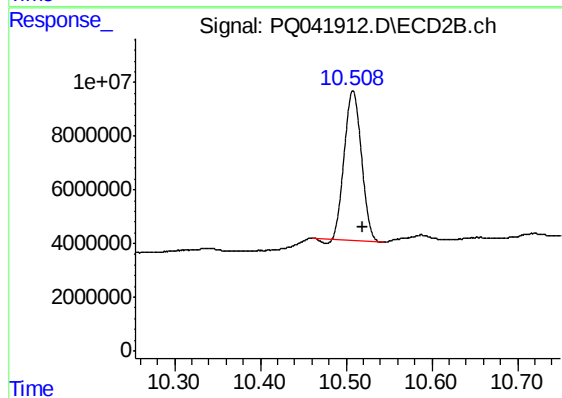
#1 Tetrachloro-m-xylene

R.T.: 4.754 min
Delta R.T.: -0.006 min
Response: 16816625
Conc: 8.73 ng/ml



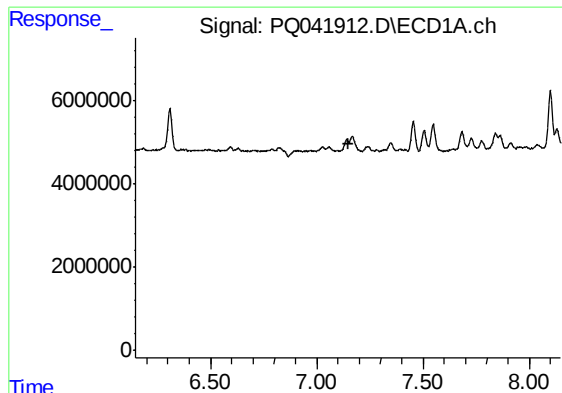
#2 Decachlorobiphenyl

R.T.: 12.088 min
Delta R.T.: -0.017 min
Response: 126670640
Conc: 15.02 ng/ml



#2 Decachlorobiphenyl

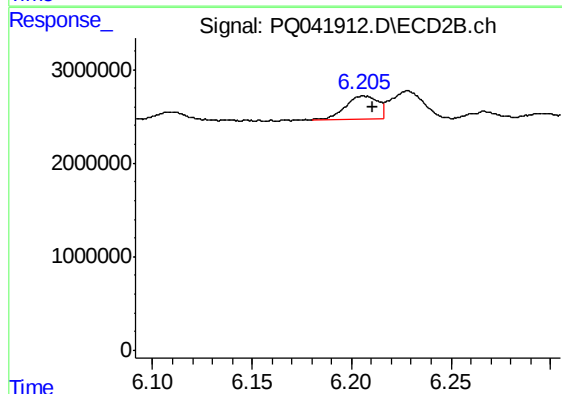
R.T.: 10.508 min
Delta R.T.: -0.012 min
Response: 77327497
Conc: 15.99 ng/ml



#3 AR-1016-1

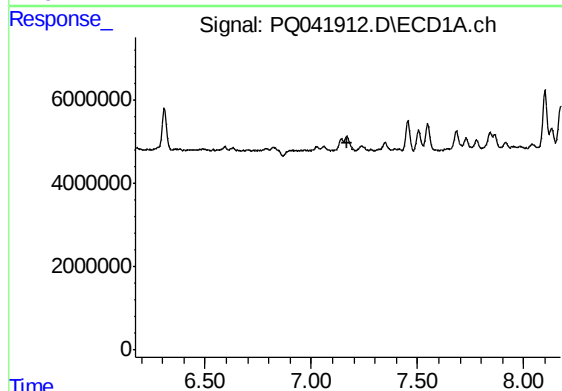
R.T.: 0.000 min
Exp R.T. : 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



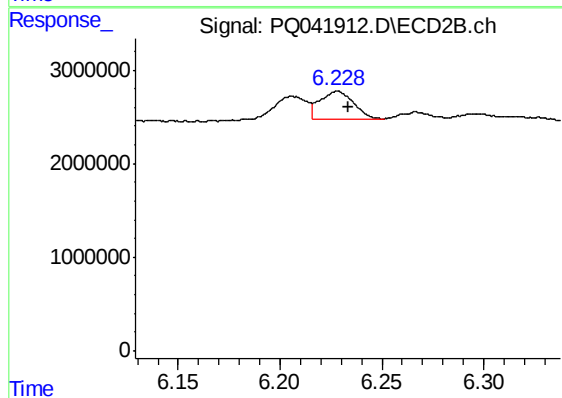
#3 AR-1016-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2813224
Conc: 27.11 ng/ml



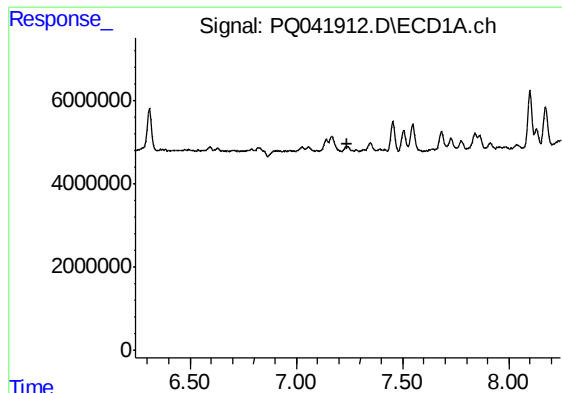
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



#4 AR-1016-2

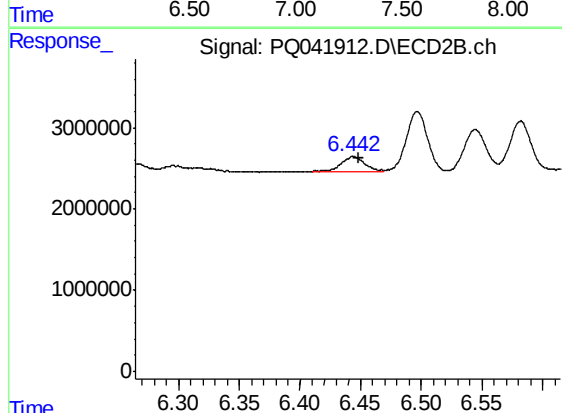
R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 3505560
Conc: 24.47 ng/ml



#5 AR-1016-3

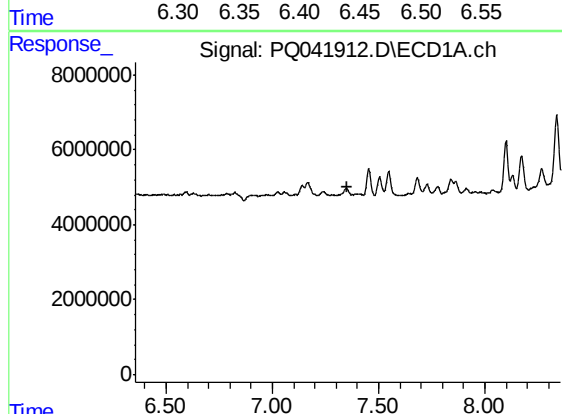
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



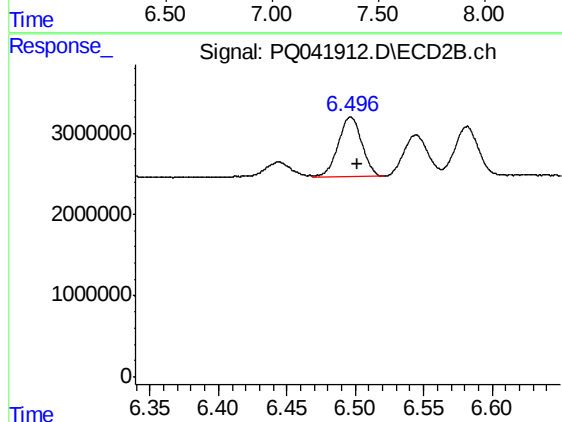
#5 AR-1016-3

R.T.: 6.444 min
Delta R.T.: -0.005 min
Response: 2375187
Conc: 31.85 ng/ml



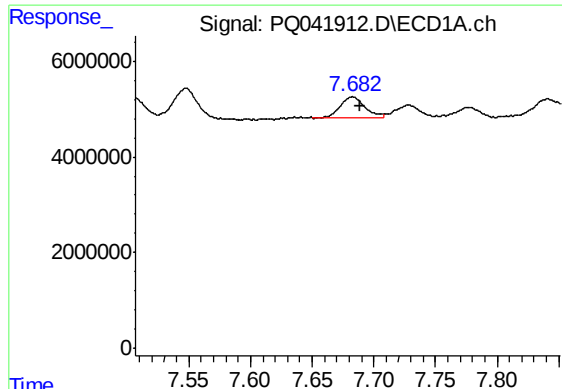
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

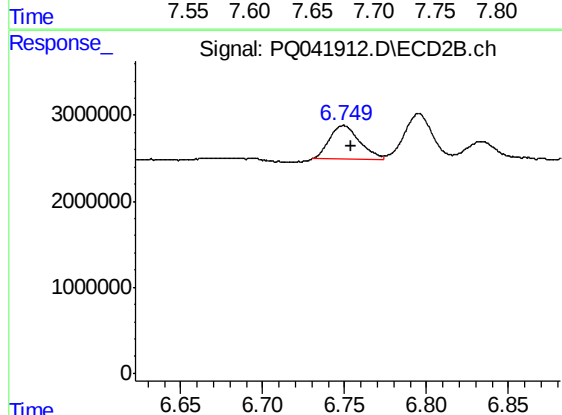
R.T.: 6.497 min
Delta R.T.: -0.006 min
Response: 8796269
Conc: 141.85 ng/ml



#7 AR-1016-5

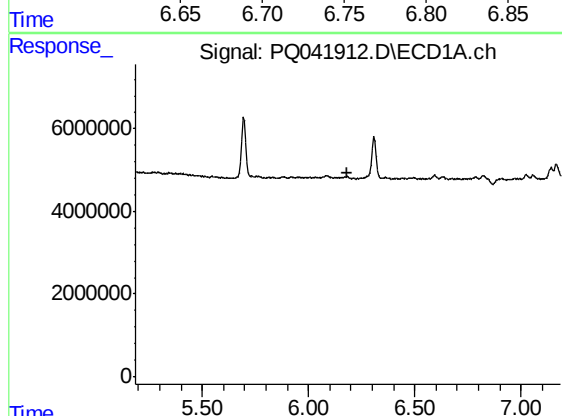
R.T.: 7.683 min
Delta R.T.: -0.007 min
Response: 6158611
Conc: 78.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



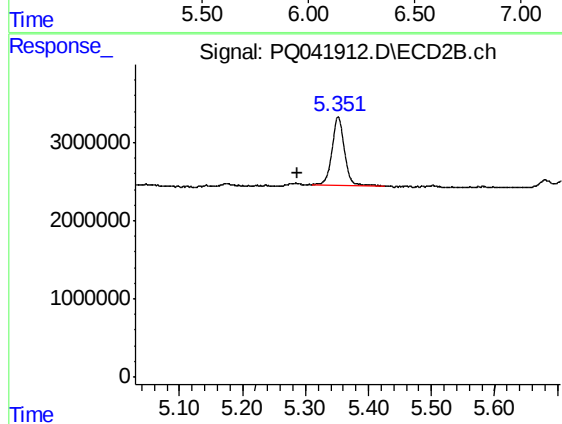
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 4997407
Conc: 61.39 ng/ml



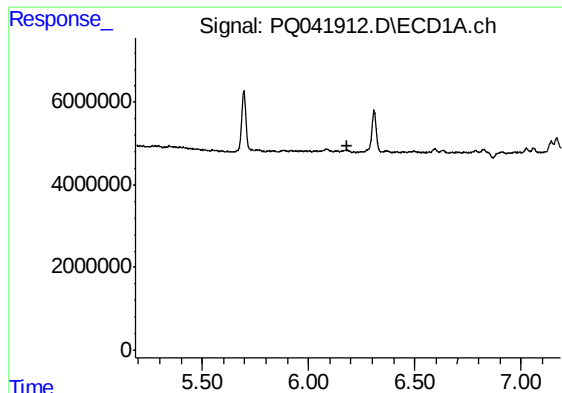
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

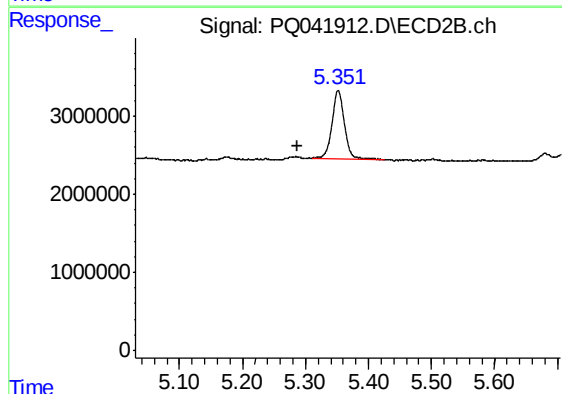
R.T.: 5.352 min
Delta R.T.: 0.065 min
Response: 12032900
Conc: 220.66 ng/ml



#11 AR-1232-1

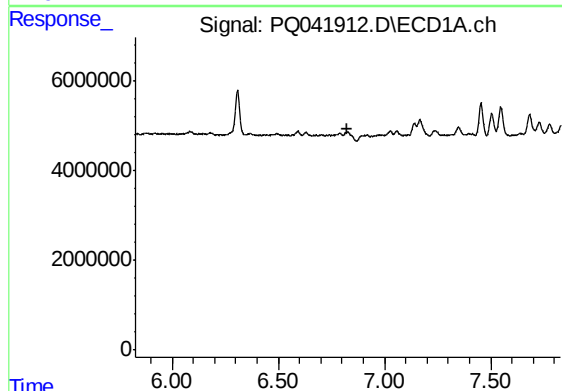
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



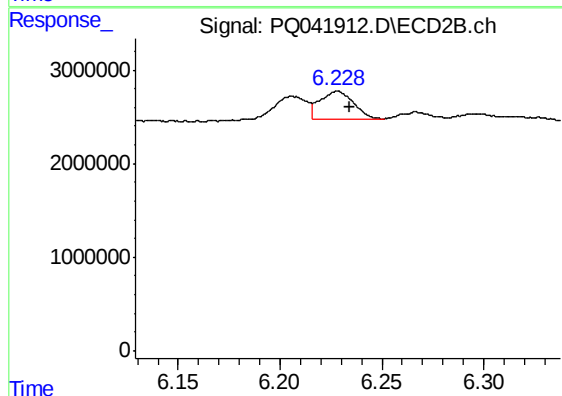
#11 AR-1232-1

R.T.: 5.352 min
Delta R.T.: 0.064 min
Response: 12032900
Conc: 249.19 ng/ml



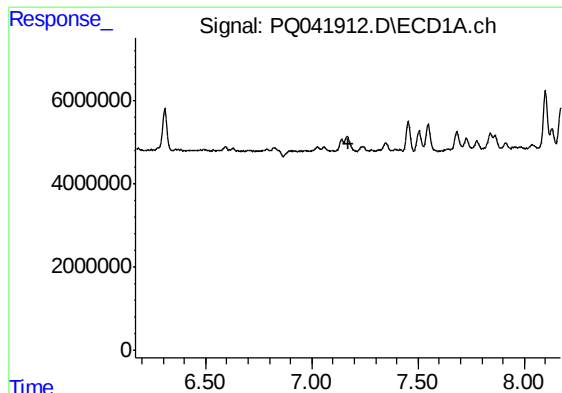
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

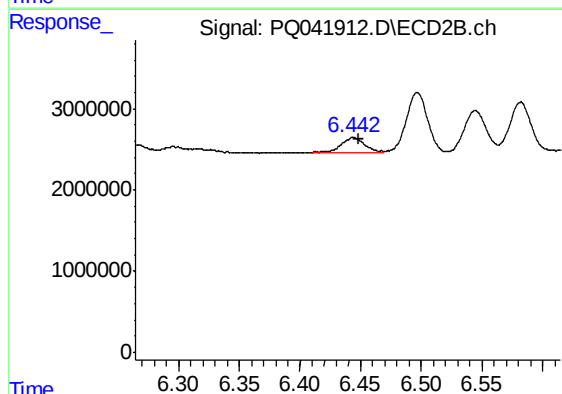
R.T.: 6.228 min
Delta R.T.: -0.006 min
Response: 3505560
Conc: 61.47 ng/ml



#13 AR-1232-3

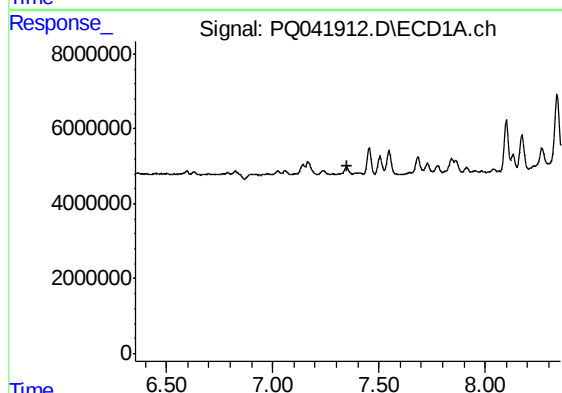
R.T.: 0.000 min
Exp R.T. : 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



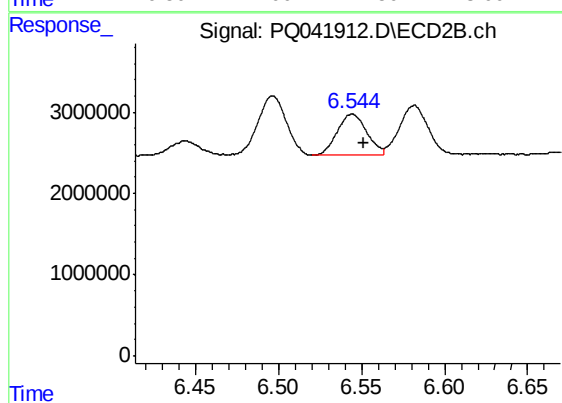
#13 AR-1232-3

R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 2375187
Conc: 79.65 ng/ml



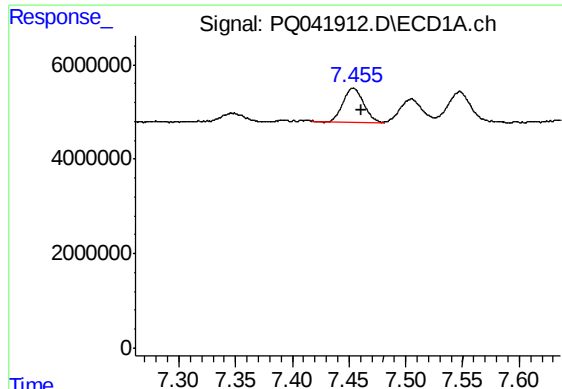
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

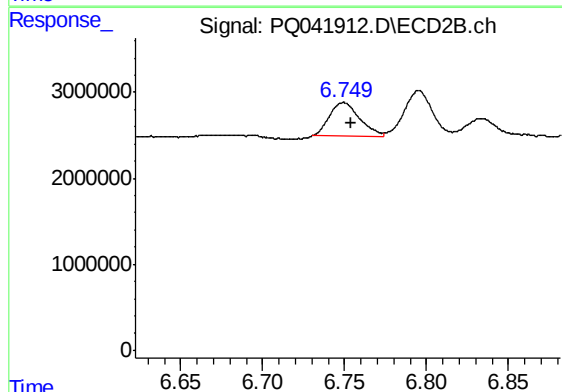
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 6245237
Conc: 233.93 ng/ml



#15 AR-1232-5

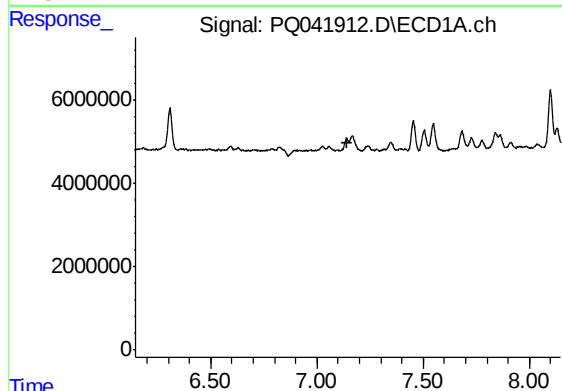
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 8908623
Conc: 414.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



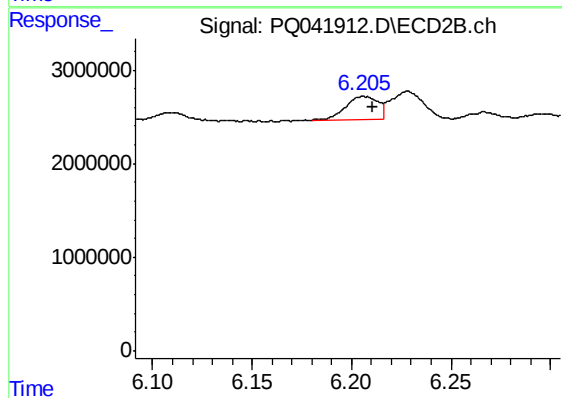
#15 AR-1232-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 4997407
Conc: 170.41 ng/ml



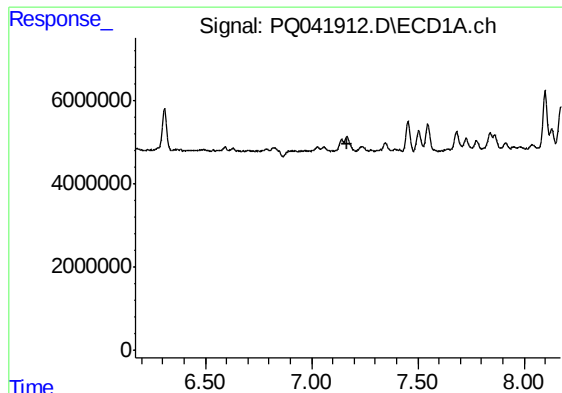
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.



#16 AR-1242-1

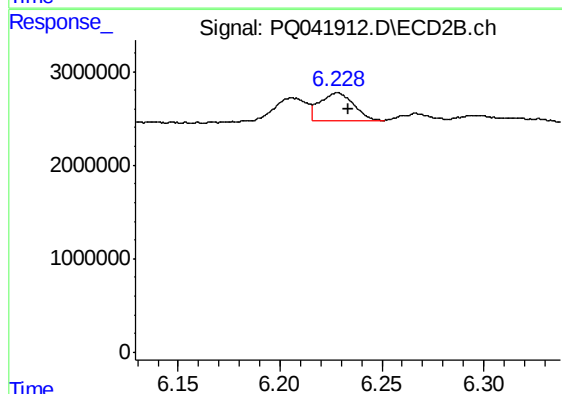
R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2813224
Conc: 34.37 ng/ml



#17 AR-1242-2

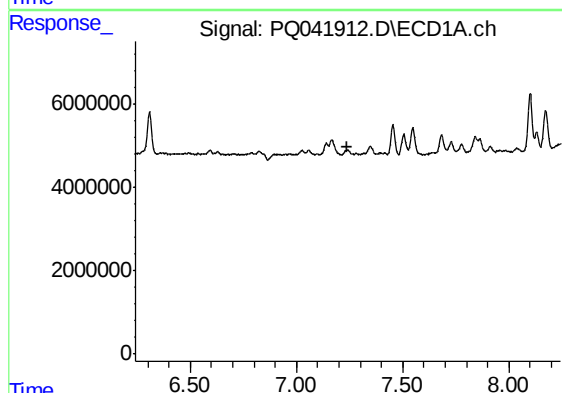
R.T.: 0.000 min
Exp R.T.: 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



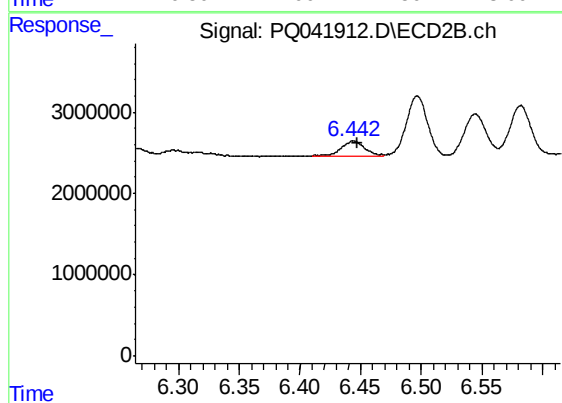
#17 AR-1242-2

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 3505560
Conc: 31.04 ng/ml



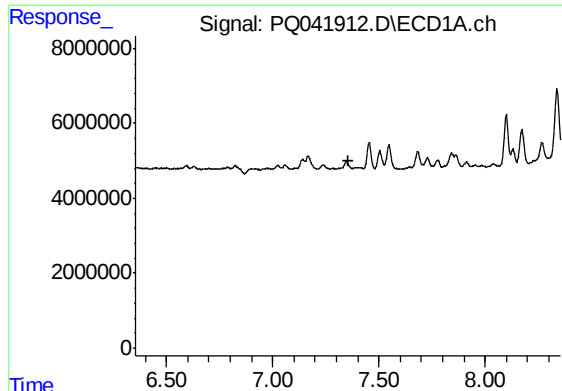
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

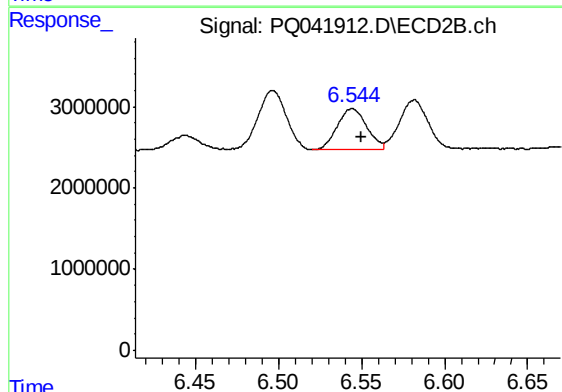
R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 2375187
Conc: 40.21 ng/ml



#19 AR-1242-4

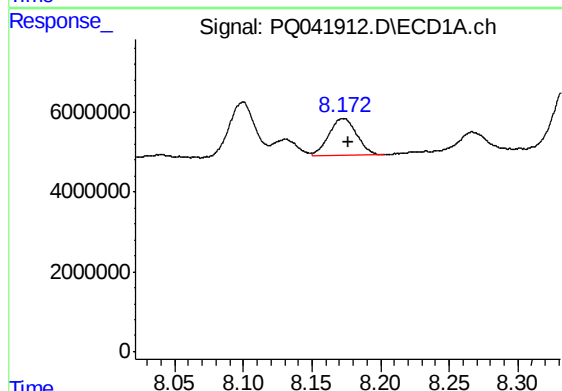
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



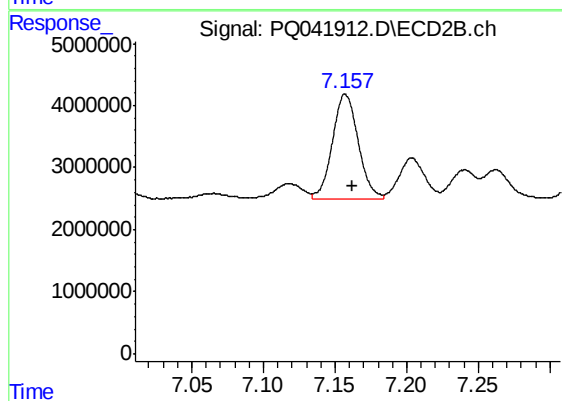
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 6245237
Conc: 105.32 ng/ml



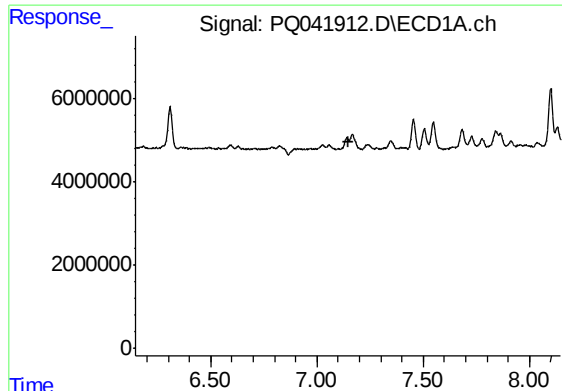
#20 AR-1242-5

R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 13123389
Conc: 147.91 ng/ml



#20 AR-1242-5

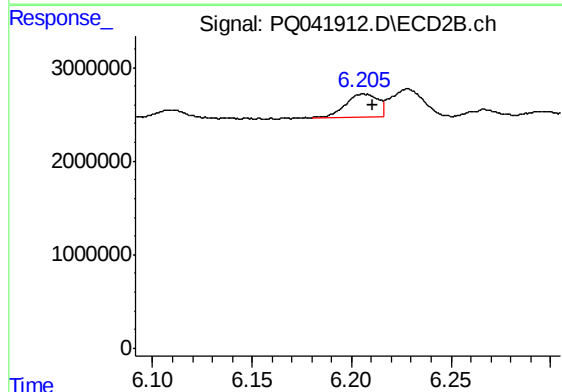
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 21009285
Conc: 236.61 ng/ml



#21 AR-1248-1

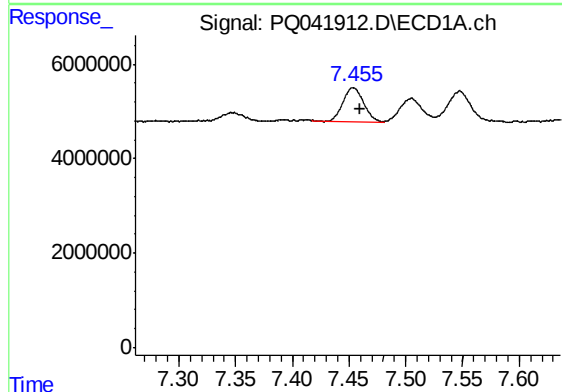
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



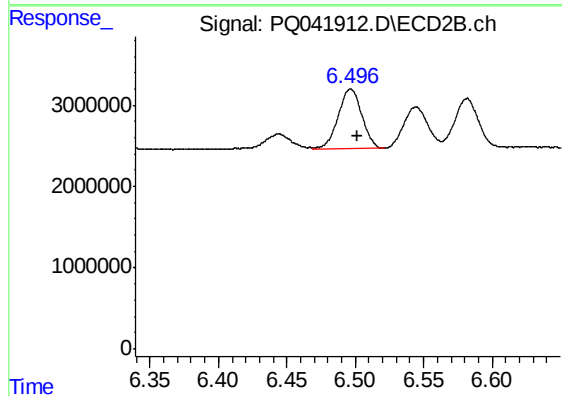
#21 AR-1248-1

R.T.: 6.206 min
Delta R.T.: -0.005 min
Response: 2813224
Conc: 42.43 ng/ml



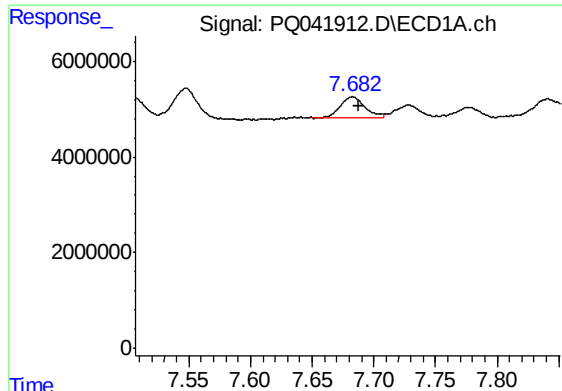
#22 AR-1248-2

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 8908623
Conc: 96.56 ng/ml



#22 AR-1248-2

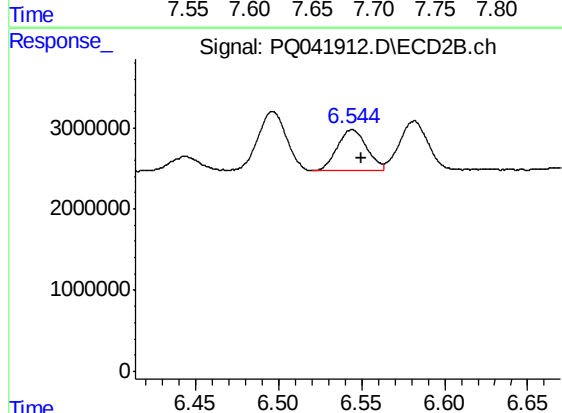
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 8796269
Conc: 100.89 ng/ml



#23 AR-1248-3

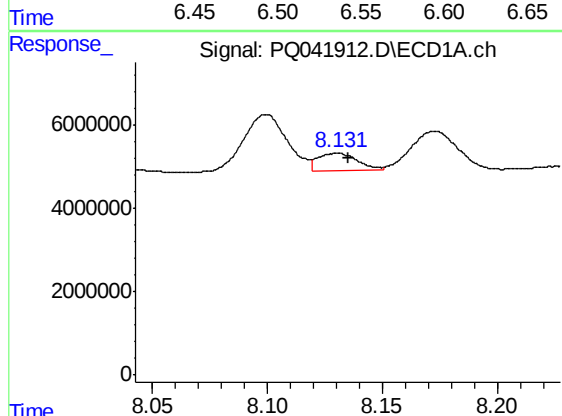
R.T.: 7.683 min
Delta R.T.: -0.005 min
Response: 6158611
Conc: 54.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



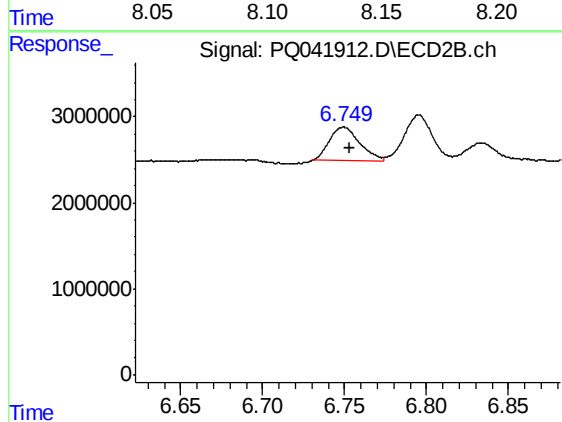
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 6245237
Conc: 69.97 ng/ml



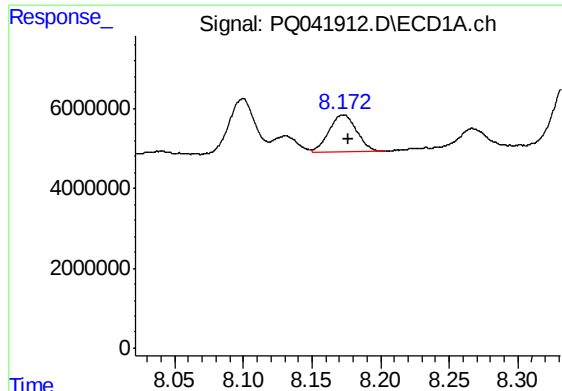
#24 AR-1248-4

R.T.: 8.131 min
Delta R.T.: -0.005 min
Response: 5091335
Conc: 32.56 ng/ml



#24 AR-1248-4

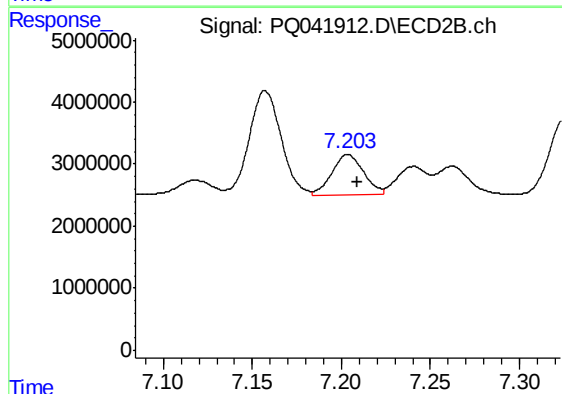
R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 4997407
Conc: 45.37 ng/ml



#25 AR-1248-5

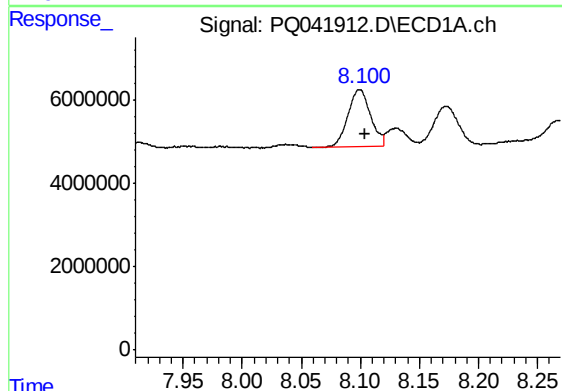
R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 13123389
Conc: 86.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



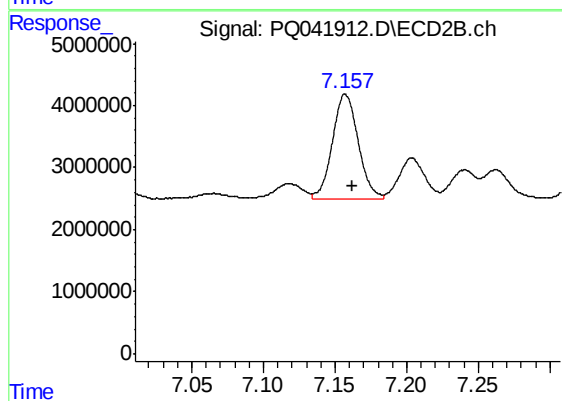
#25 AR-1248-5

R.T.: 7.204 min
Delta R.T.: -0.005 min
Response: 8059533
Conc: 62.88 ng/ml



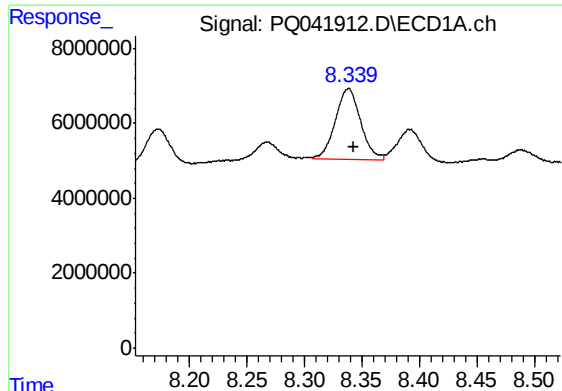
#26 AR-1254-1

R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 17962735
Conc: 129.12 ng/ml



#26 AR-1254-1

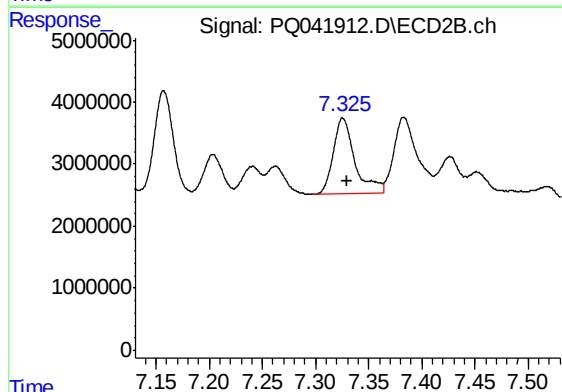
R.T.: 7.157 min
Delta R.T.: -0.005 min
Response: 21009285
Conc: 114.88 ng/ml



#27 AR-1254-2

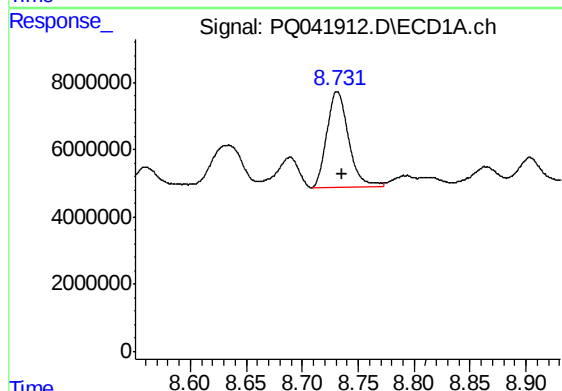
R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 28957841
Conc: 126.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



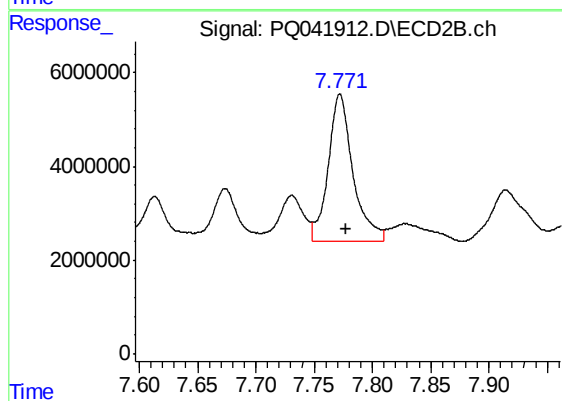
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 17416052
Conc: 107.59 ng/ml



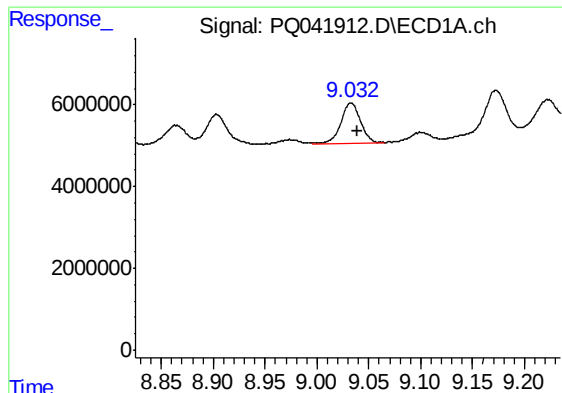
#28 AR-1254-3

R.T.: 8.731 min
Delta R.T.: -0.004 min
Response: 38205671
Conc: 139.73 ng/ml



#28 AR-1254-3

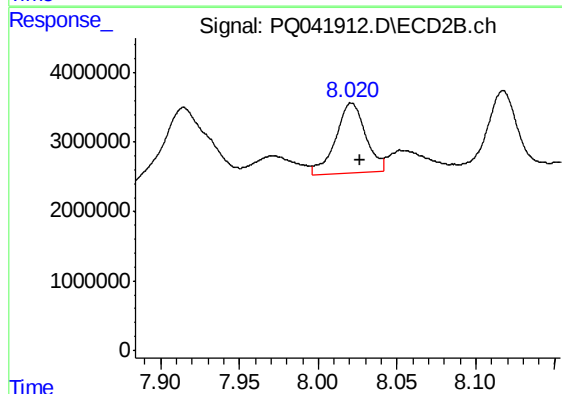
R.T.: 7.772 min
Delta R.T.: -0.006 min
Response: 46475891
Conc: 161.15 ng/ml



#29 AR-1254-4

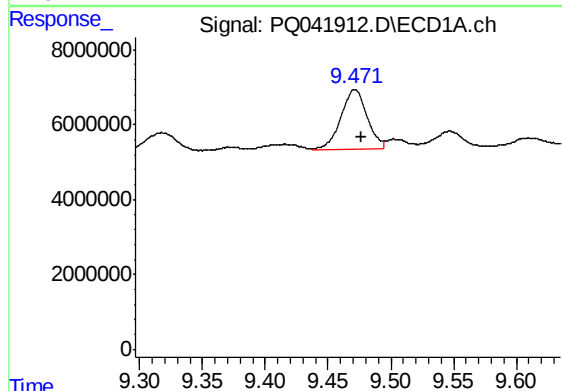
R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 12824722
Conc: 52.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



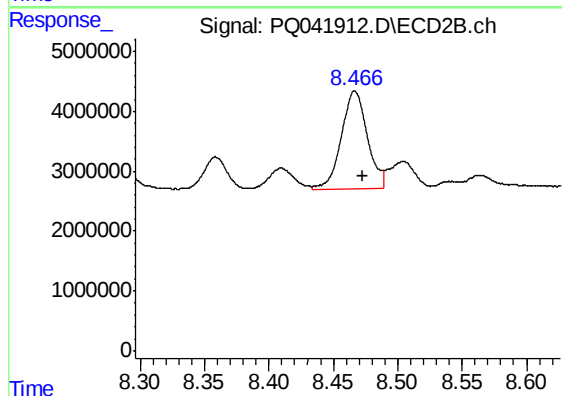
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 13260596
Conc: 61.09 ng/ml



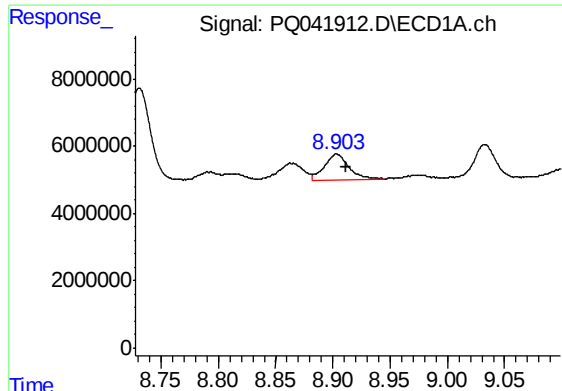
#30 AR-1254-5

R.T.: 9.471 min
Delta R.T.: -0.006 min
Response: 23014352
Conc: 84.97 ng/ml



#30 AR-1254-5

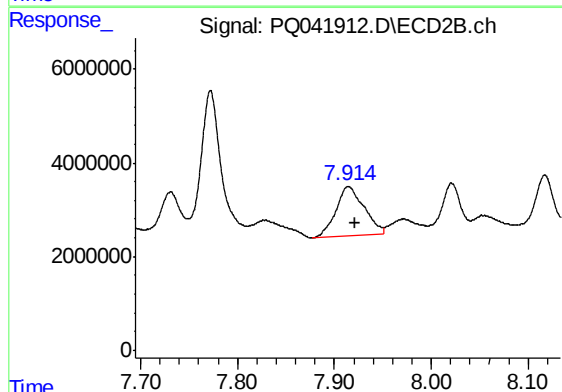
R.T.: 8.467 min
Delta R.T.: -0.006 min
Response: 22916262
Conc: 76.19 ng/ml



#31 AR-1260-1

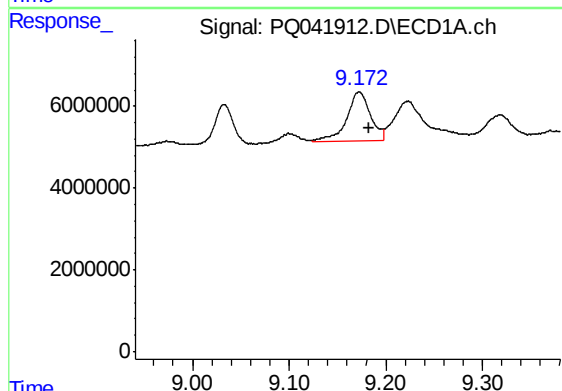
R.T.: 8.903 min
Delta R.T.: -0.008 min
Response: 11817781
Conc: 66.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



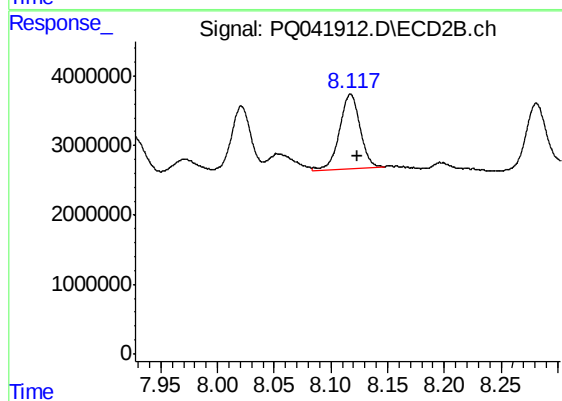
#31 AR-1260-1

R.T.: 7.914 min
Delta R.T.: -0.007 min
Response: 21232137
Conc: 117.03 ng/ml



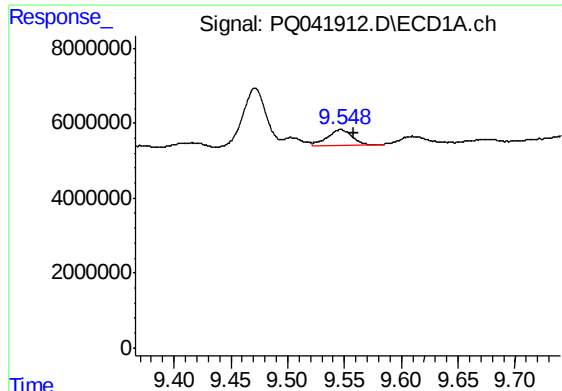
#32 AR-1260-2

R.T.: 9.172 min
Delta R.T.: -0.010 min
Response: 20709163
Conc: 82.09 ng/ml



#32 AR-1260-2

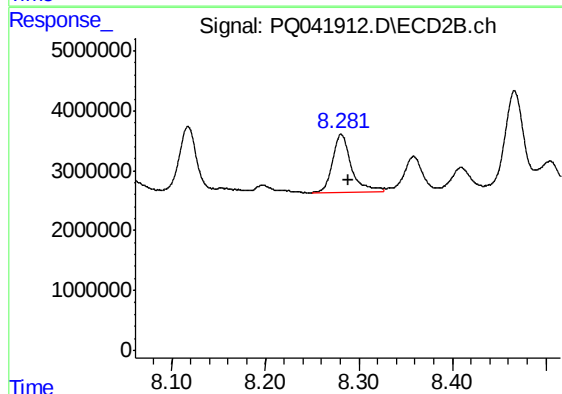
R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 13666514
Conc: 55.71 ng/ml



#33 AR-1260-3

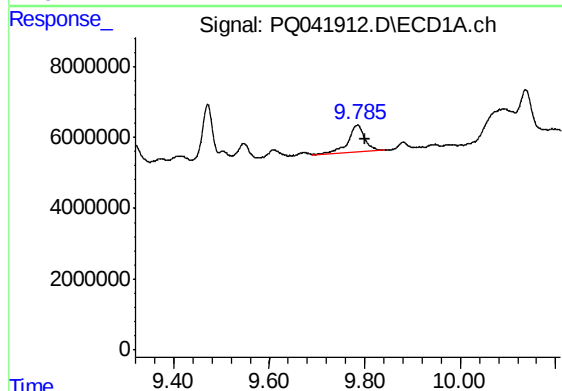
R.T.: 9.547 min
Delta R.T.: -0.012 min
Response: 6666160
Conc: 29.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



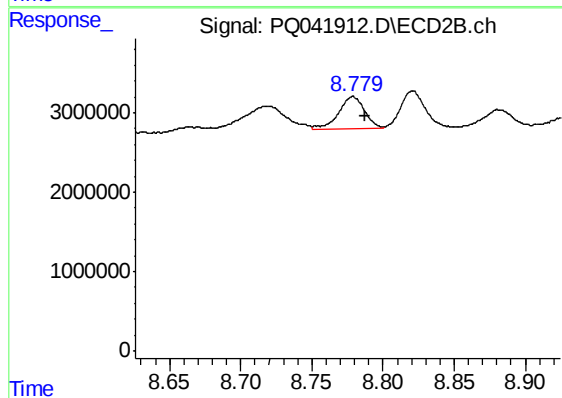
#33 AR-1260-3

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 13420244
Conc: 63.07 ng/ml



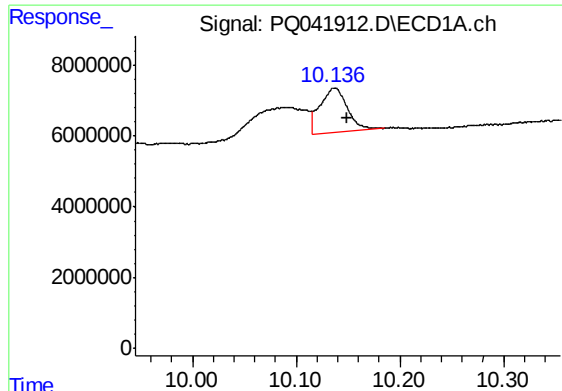
#34 AR-1260-4

R.T.: 9.785 min
Delta R.T.: -0.017 min
Response: 18528271
Conc: 72.56 ng/ml



#34 AR-1260-4

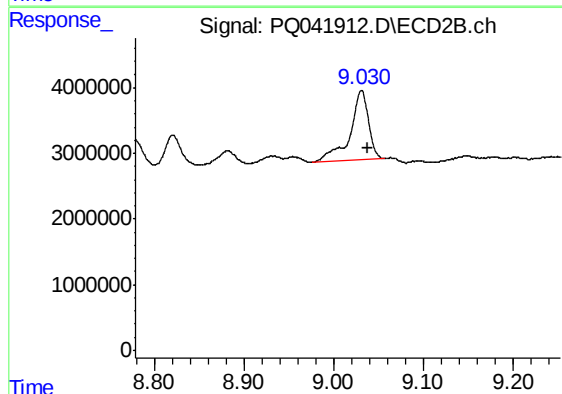
R.T.: 8.779 min
Delta R.T.: -0.009 min
Response: 5192037
Conc: 25.67 ng/ml



#35 AR-1260-5

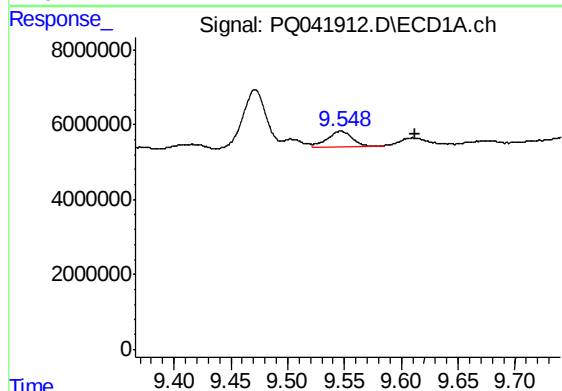
R.T.: 10.137 min
Delta R.T.: -0.012 min
Response: 22984953
Conc: 34.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



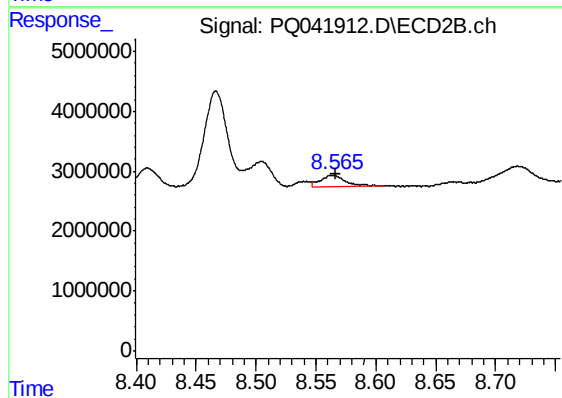
#35 AR-1260-5

R.T.: 9.031 min
Delta R.T.: -0.008 min
Response: 15155727
Conc: 25.68 ng/ml



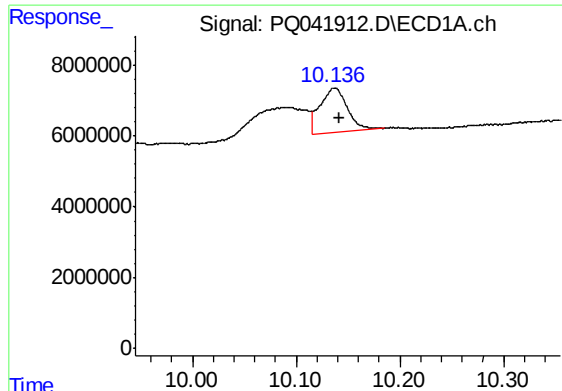
#36 AR-1262-1

R.T.: 9.547 min
Delta R.T.: -0.066 min
Response: 6666160
Conc: 43.37 ng/ml



#36 AR-1262-1

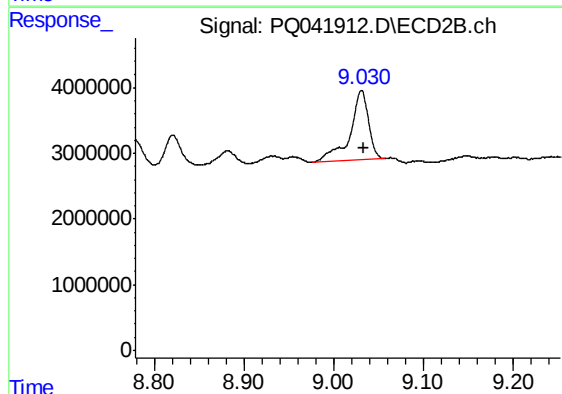
R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 2938111
Conc: 20.48 ng/ml



#37 AR-1262-2

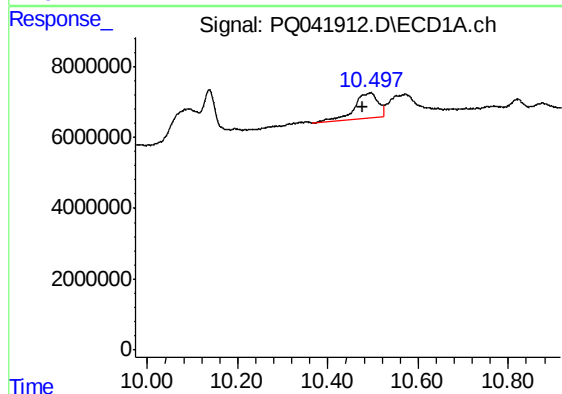
R.T.: 10.137 min
Delta R.T.: -0.005 min
Response: 22984953
Conc: 26.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



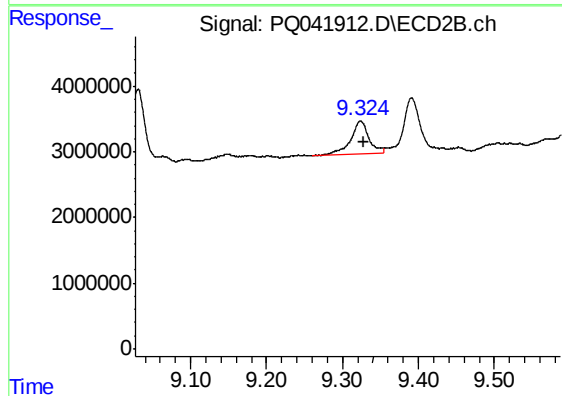
#37 AR-1262-2

R.T.: 9.031 min
Delta R.T.: -0.003 min
Response: 15155727
Conc: 20.45 ng/ml



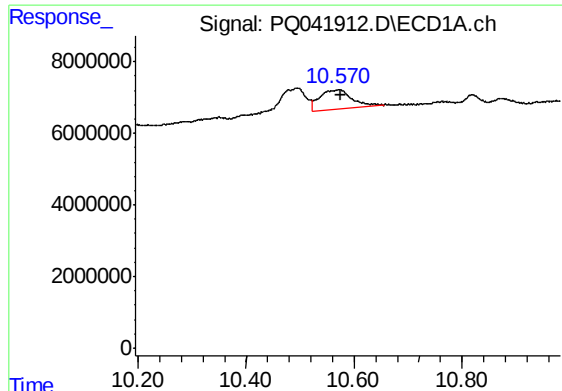
#38 AR-1262-3

R.T.: 10.496 min
Delta R.T.: 0.019 min
Response: 25771672
Conc: 40.58 ng/ml



#38 AR-1262-3

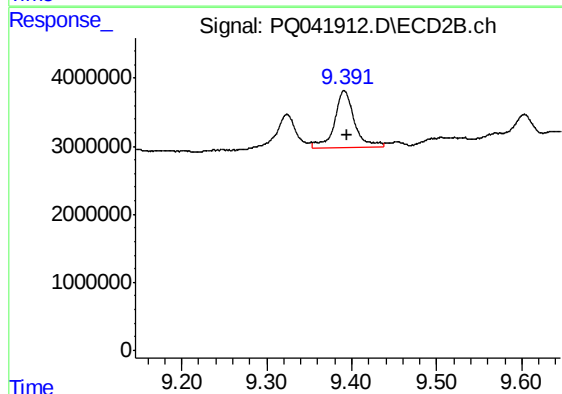
R.T.: 9.324 min
Delta R.T.: -0.004 min
Response: 8533118
Conc: 26.97 ng/ml



#39 AR-1262-4

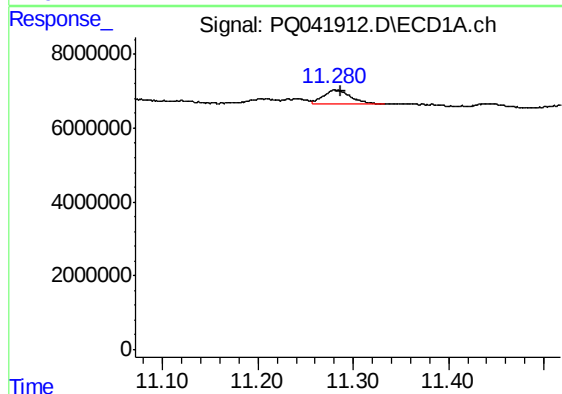
R.T.: 10.572 min
Delta R.T.: -0.004 min
Response: 23179242
Conc: 46.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



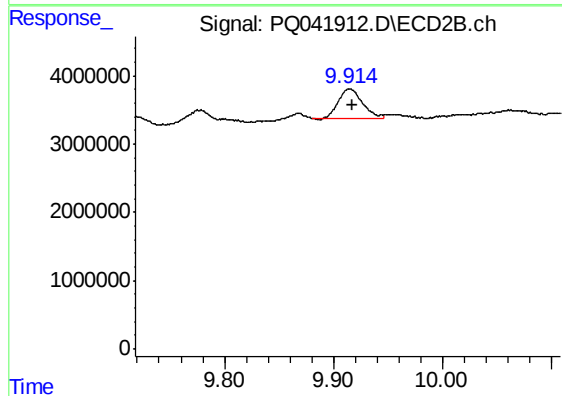
#39 AR-1262-4

R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 13542957
Conc: 24.08 ng/ml



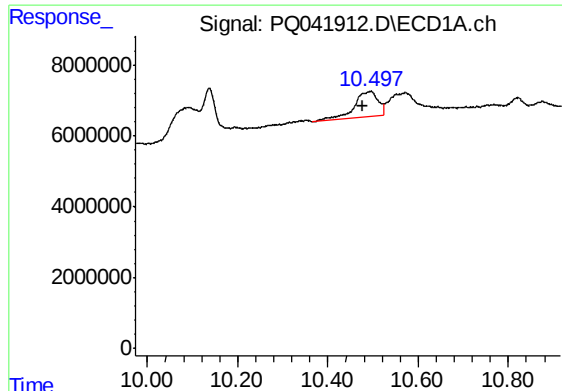
#40 AR-1262-5

R.T.: 11.281 min
Delta R.T.: -0.006 min
Response: 7365566
Conc: 18.09 ng/ml



#40 AR-1262-5

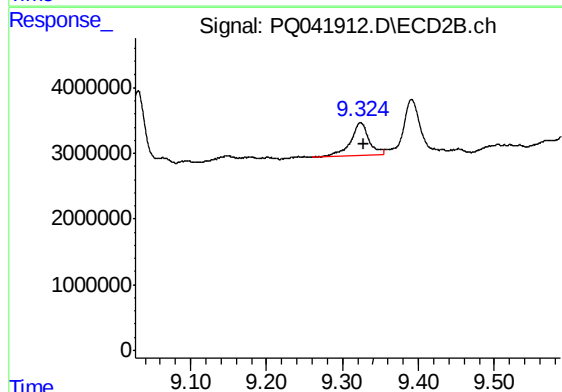
R.T.: 9.915 min
Delta R.T.: -0.003 min
Response: 6521713
Conc: 22.83 ng/ml



#41 AR-1268-1

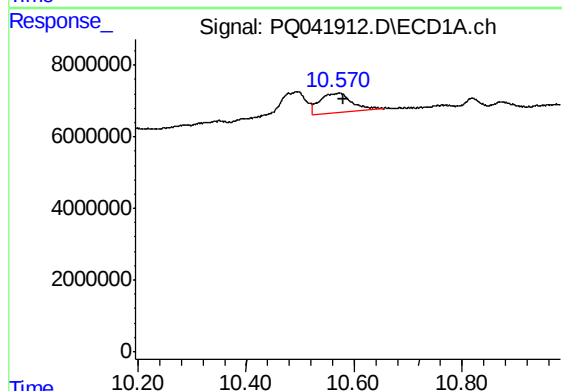
R.T.: 10.496 min
Delta R.T.: 0.018 min
Response: 25771672
Conc: 18.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



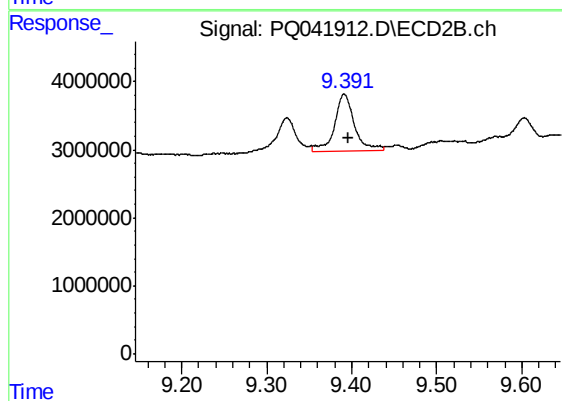
#41 AR-1268-1

R.T.: 9.324 min
Delta R.T.: -0.005 min
Response: 8533118
Conc: 7.46 ng/ml



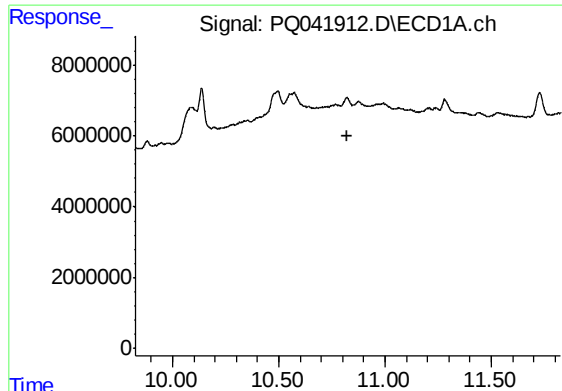
#42 AR-1268-2

R.T.: 10.572 min
Delta R.T.: -0.009 min
Response: 23179242
Conc: 17.57 ng/ml



#42 AR-1268-2

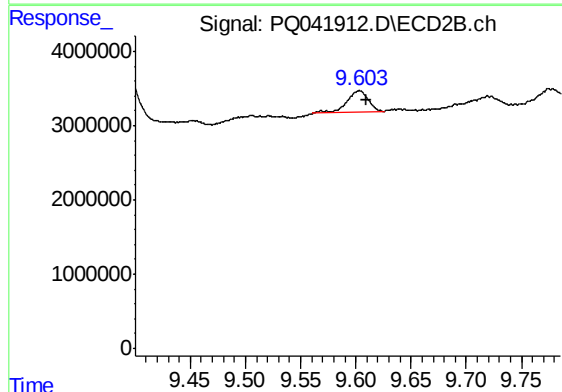
R.T.: 9.391 min
Delta R.T.: -0.004 min
Response: 13542957
Conc: 13.19 ng/ml



#43 AR-1268-3

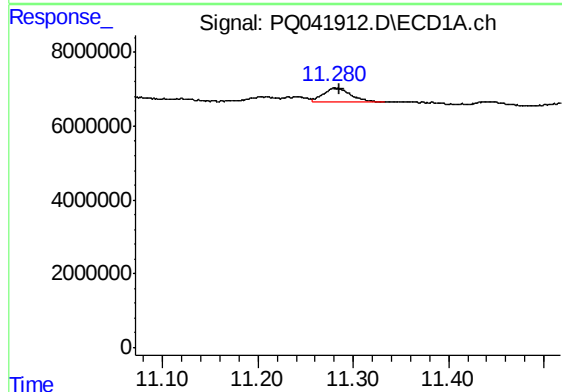
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENT8



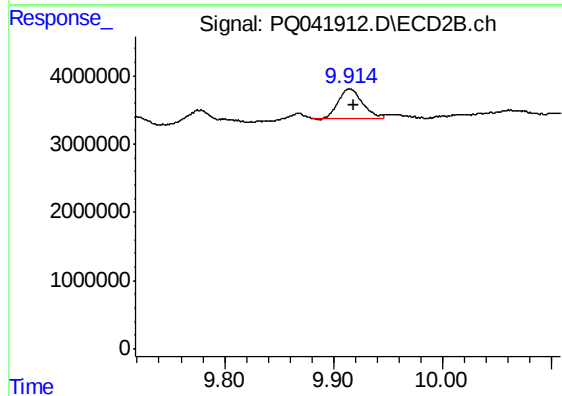
#43 AR-1268-3

R.T.: 9.603 min
Delta R.T.: -0.006 min
Response: 3994793
Conc: 4.60 ng/ml



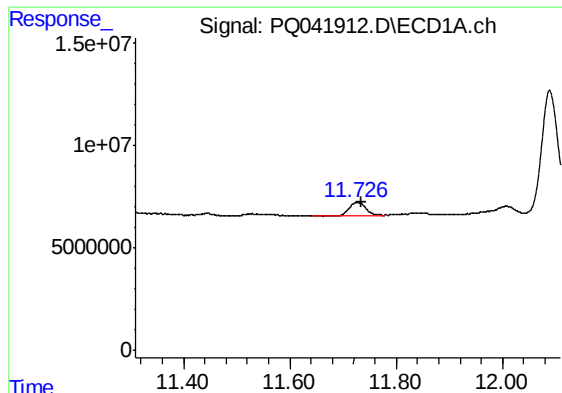
#44 AR-1268-4

R.T.: 11.281 min
Delta R.T.: -0.006 min
Response: 7365566
Conc: 13.53 ng/ml



#44 AR-1268-4

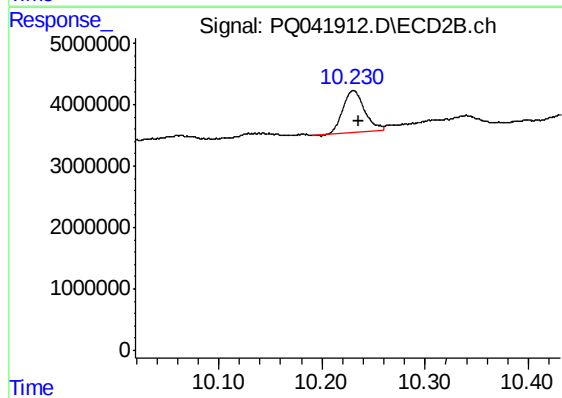
R.T.: 9.915 min
Delta R.T.: -0.004 min
Response: 6521713
Conc: 16.95 ng/ml



#45 AR-1268-5

R.T.: 11.726 min
Delta R.T.: -0.009 min
Response: 12976706
Conc: 3.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENT8



#45 AR-1268-5

R.T.: 10.230 min
Delta R.T.: -0.006 min
Response: 9896898
Conc: 3.81 ng/ml