

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052419\
 Data File : PQ040199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 17:46
 Operator : SM\AJ
 Sample : K3021-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMN2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 23:08:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 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...	5.602	4.737	65533900	42267335	20.005	19.680
2)	SA Decachlor...	11.920	10.464	209.1E6	104.8E6	29.277	25.202
Target Compounds							
3)	L1 AR-1016-1	7.107	6.138	14089631	1865321	84.222	14.541 #
4)	L1 AR-1016-2	7.107	6.268	14089631	4869516	53.593	25.229 #
5)	L1 AR-1016-3	7.107	6.407	14089631	-1946455	82.551	N.D. #
6)	L1 AR-1016-4	7.223	6.474	49991147	3170680	361.668	37.237 #
7)	L1 AR-1016-5	7.643	6.750	19800878	14119750	142.735	122.631
8)	L2 AR-1221-1	0.000	5.065	0	229884	N.D.	9.380 #
9)	L2 AR-1221-2	0.000	5.154	0	1123566	N.D.	68.982 #
10)	L2 AR-1221-3	0.000	5.272	0	99409	N.D.	1.635 #
11)	L3 AR-1232-1	0.000	5.272	0	99409	N.D.	2.169 #
12)	L3 AR-1232-2	6.691	6.268	5915239	4869516	149.195	81.177 #
13)	L3 AR-1232-3	7.107	6.407	14089631	-1946455	174.350	N.D. #
14)	L3 AR-1232-4	7.223	6.548	49991147	6407644	1196.006	216.854 #
15)	L3 AR-1232-5	7.355	6.750	13059343	14119750	412.064	469.026
16)	L4 AR-1242-1	7.107	6.138	14089631	1865321	145.320	25.225 #
17)	L4 AR-1242-2	7.107	6.268	14089631	4869516	97.494	45.741 #
18)	L4 AR-1242-3	7.107	6.407	14089631	-1946455	151.354	N.D. #
19)	L4 AR-1242-4	7.223	6.548	49991147	6407644	664.682	107.510 #
20)	L4 AR-1242-5	8.106	7.122	20825956	40496900	240.225	502.515 #
21)	L5 AR-1248-1	7.107	6.138	14089631	1865321	182.031	32.371 #
22)	L5 AR-1248-2	7.355	6.474	13059343	3170680	115.947	36.063 #
23)	L5 AR-1248-3	7.643	6.548	19800878	6407644	143.456	70.816 #
24)	L5 AR-1248-4	8.042	6.750	270.7E6	14119750	1792.858	127.862 #
25)	L5 AR-1248-5	8.106	7.183	20825956	9943437	138.325	87.580 #
26)	L6 AR-1254-1	8.042	7.122	270.7E6	40496900	1552.042	211.432 #
27)	L6 AR-1254-2	8.256	7.299	18409137	5887259	66.566	33.887 #
28)	L6 AR-1254-3	8.649	7.753	17010257	5685739	57.315	19.675 #
29)	L6 AR-1254-4	0.000	8.020	0	3721426	N.D.	20.843 #
30)	L6 AR-1254-5	0.000	8.441	0	3866326	N.D.	15.007 #
31)	L7 AR-1260-1	0.000	7.878	0	8365848	N.D.	30.517 #
32)	L7 AR-1260-2	9.082	8.092	5880343	3166190	14.556	9.153 #
33)	L7 AR-1260-3	0.000	8.256	0	1920062	N.D.	5.987 #
34)	L7 AR-1260-4	0.000	8.753	0	1421476	N.D.	5.231 #
35)	L7 AR-1260-5	0.000	9.008	0	4883327	N.D.	7.265 #
36)	L8 AR-1262-1	0.000	8.535	0	1198271	N.D.	10.553 #
37)	L8 AR-1262-2	0.000	9.008	0	4883327	N.D.	9.843 #
38)	L8 AR-1262-3	0.000	9.297	0	249060	N.D.	1.185 #
39)	L8 AR-1262-4	0.000	9.365	0	2659965	N.D.	7.025 #
40)	L8 AR-1262-5	0.000	9.887	0	1648491	N.D.	10.168 #
41)	L9 AR-1268-1	0.000	9.297	0	249060	N.D.	0.546 #

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 Acq On : 24 May 2019 17:46
 Operator : SM\AJ
 Sample : K3021-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

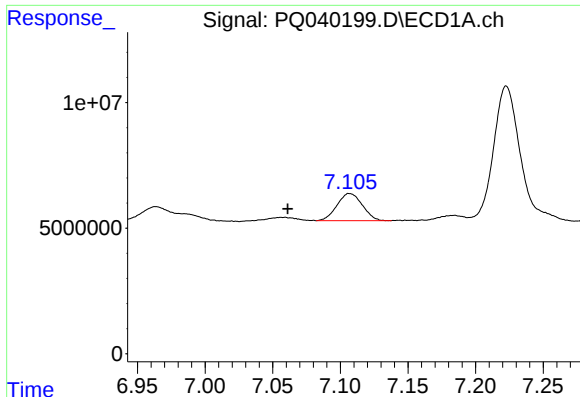
Instrument :
 ECD_Q
 ClientSampleId :
 ETMN2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 23:08:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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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
42) L9	AR-1268-2	0.000	9.365	0	2659965	N.D.	6.084 #
43) L9	AR-1268-3	0.000	9.575	0	1286020	N.D.	3.426 #
44) L9	AR-1268-4	0.000	9.887	0	1648491	N.D.	11.964 #
45) L9	AR-1268-5	0.000	10.198	0	1804981	N.D.	1.529 #

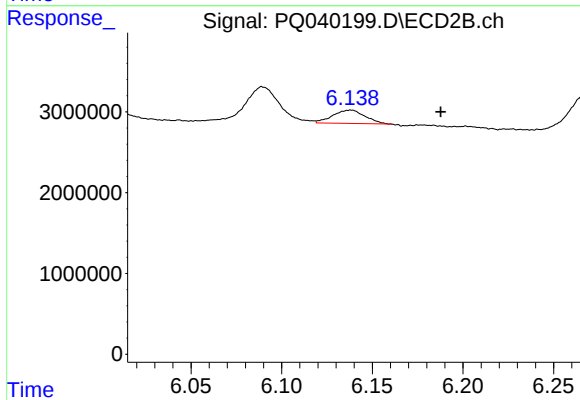
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

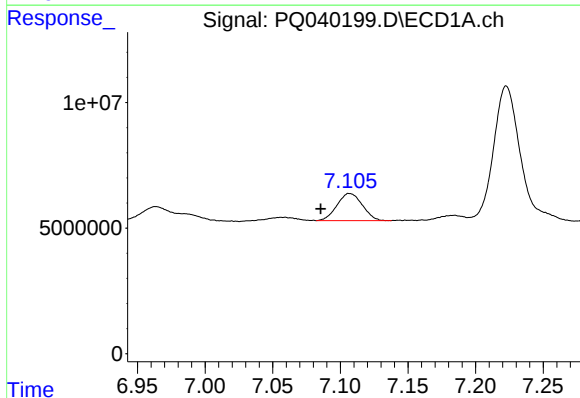
R.T.: 7.107 min
Delta R.T.: 0.046 min
Response: 14089631
Conc: 84.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



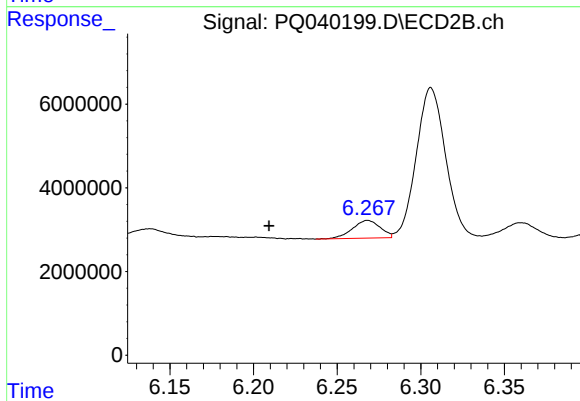
#3 AR-1016-1

R.T.: 6.138 min
Delta R.T.: -0.050 min
Response: 1865321
Conc: 14.54 ng/ml



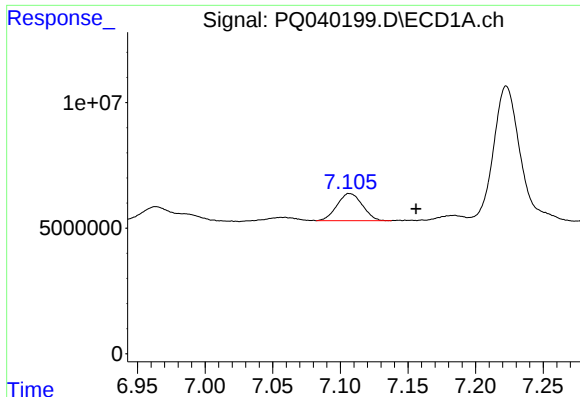
#4 AR-1016-2

R.T.: 7.107 min
Delta R.T.: 0.021 min
Response: 14089631
Conc: 53.59 ng/ml



#4 AR-1016-2

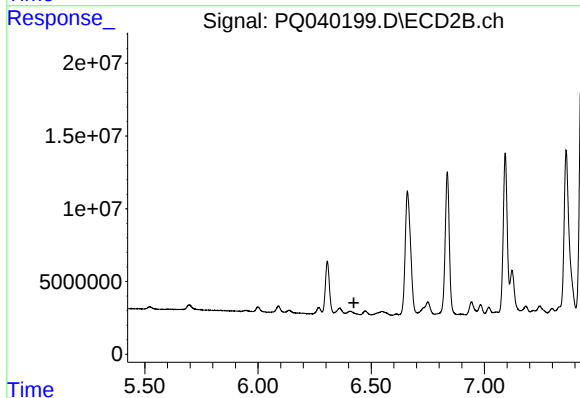
R.T.: 6.268 min
Delta R.T.: 0.059 min
Response: 4869516
Conc: 25.23 ng/ml



#5 AR-1016-3

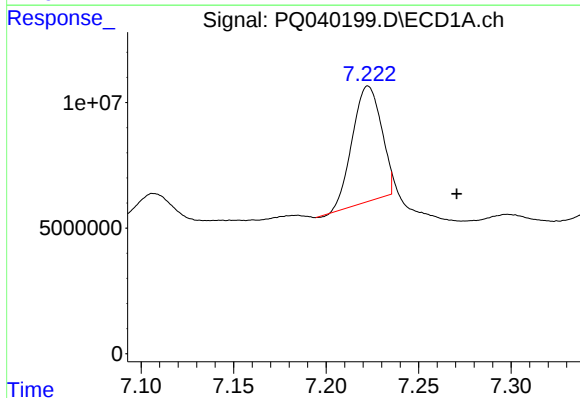
R.T.: 7.107 min
Delta R.T.: -0.049 min
Response: 14089631
Conc: 82.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



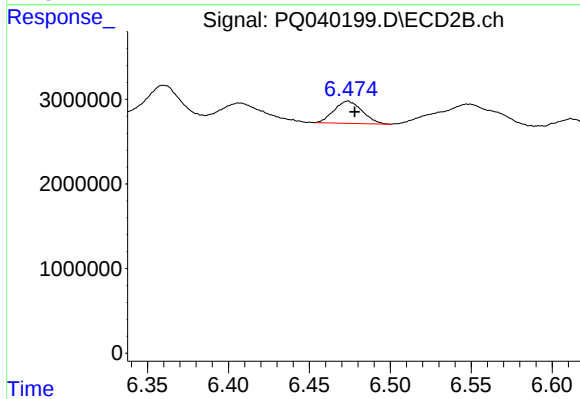
#5 AR-1016-3

R.T.: 6.407 min
Delta R.T.: -0.017 min
Response: -1946455
Conc: N.D.



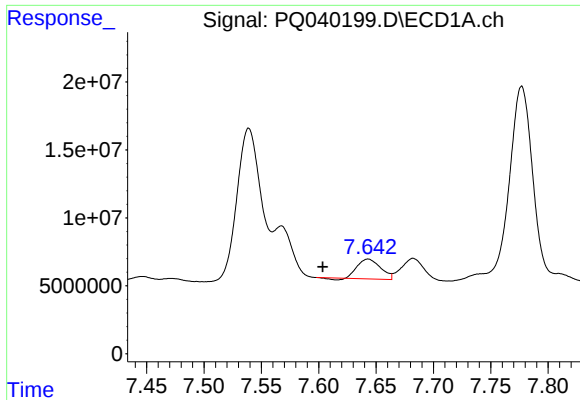
#6 AR-1016-4

R.T.: 7.223 min
Delta R.T.: -0.048 min
Response: 49991147
Conc: 361.67 ng/ml



#6 AR-1016-4

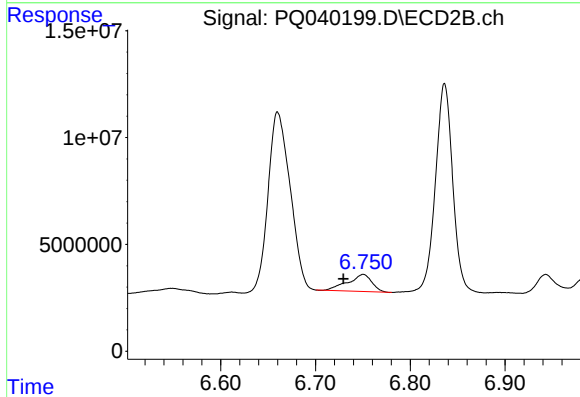
R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 3170680
Conc: 37.24 ng/ml



#7 AR-1016-5

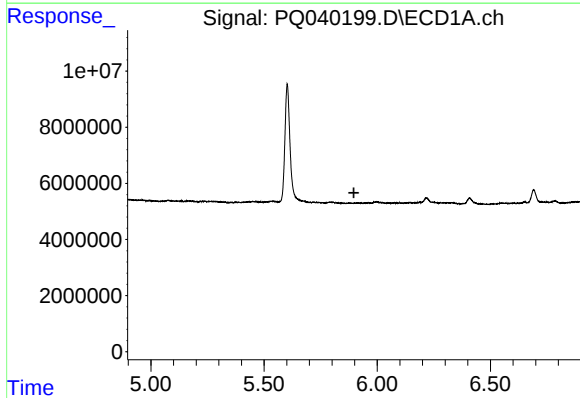
R.T.: 7.643 min
Delta R.T.: 0.039 min
Response: 19800878
Conc: 142.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



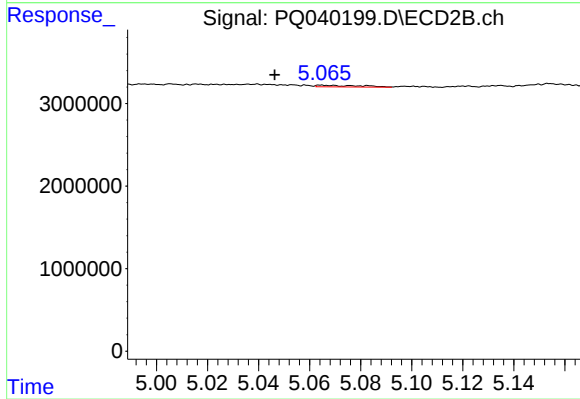
#7 AR-1016-5

R.T.: 6.750 min
Delta R.T.: 0.021 min
Response: 14119750
Conc: 122.63 ng/ml



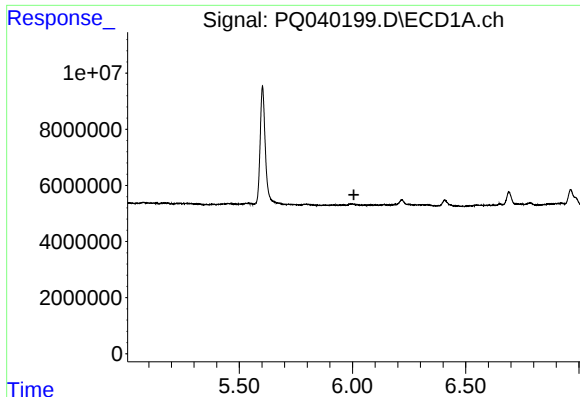
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.897 min
Response: 0
Conc: N.D.



#8 AR-1221-1

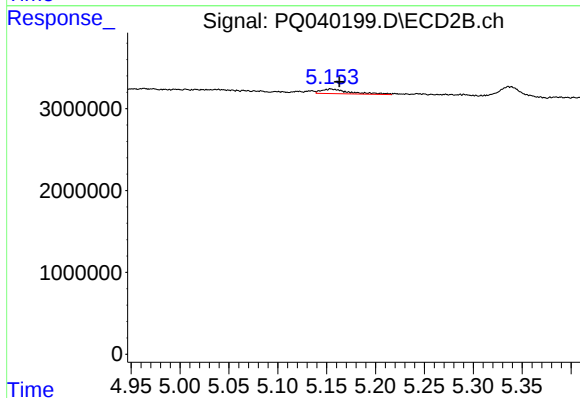
R.T.: 5.065 min
Delta R.T.: 0.019 min
Response: 229884
Conc: 9.38 ng/ml



#9 AR-1221-2

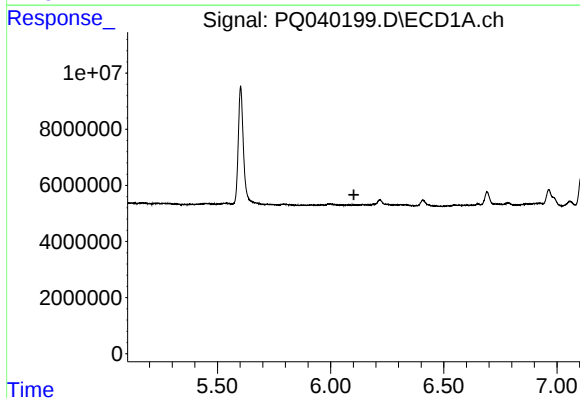
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



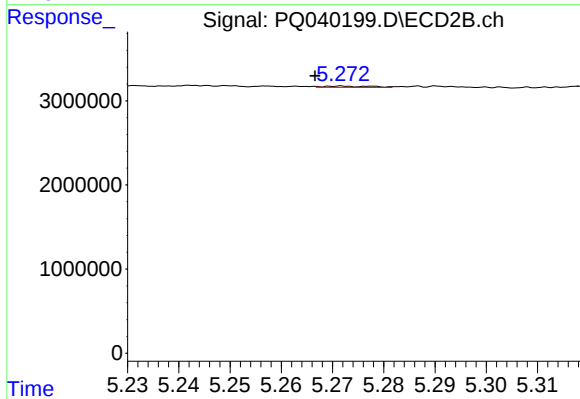
#9 AR-1221-2

R.T.: 5.154 min
Delta R.T.: -0.009 min
Response: 1123566
Conc: 68.98 ng/ml



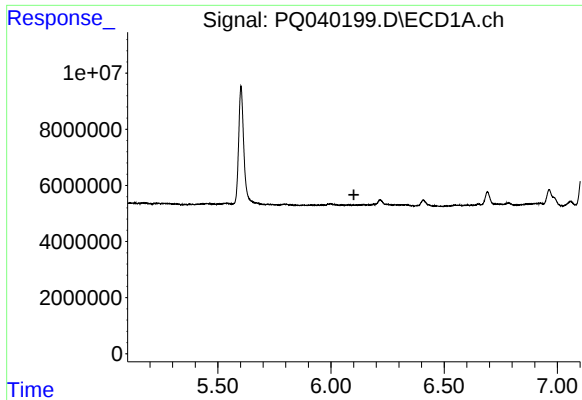
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 6.103 min
Response: 0
Conc: N.D.



#10 AR-1221-3

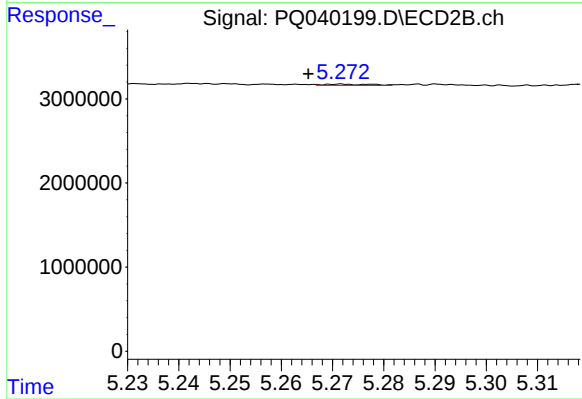
R.T.: 5.272 min
Delta R.T.: 0.005 min
Response: 99409
Conc: 1.63 ng/ml



#11 AR-1232-1

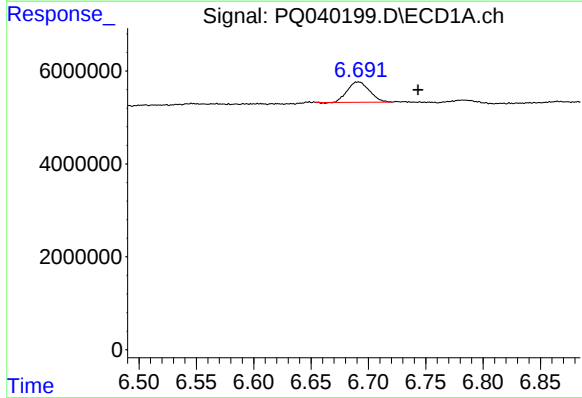
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



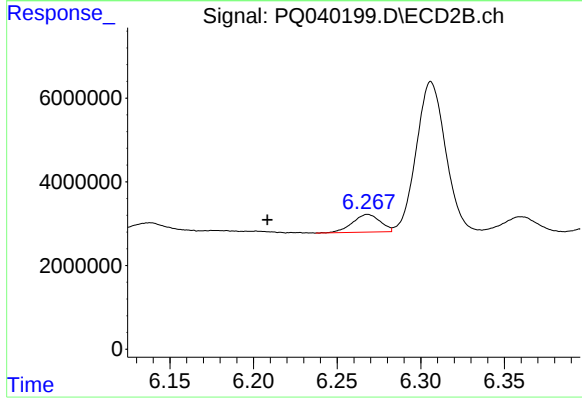
#11 AR-1232-1

R.T.: 5.272 min
Delta R.T.: 0.007 min
Response: 99409
Conc: 2.17 ng/ml



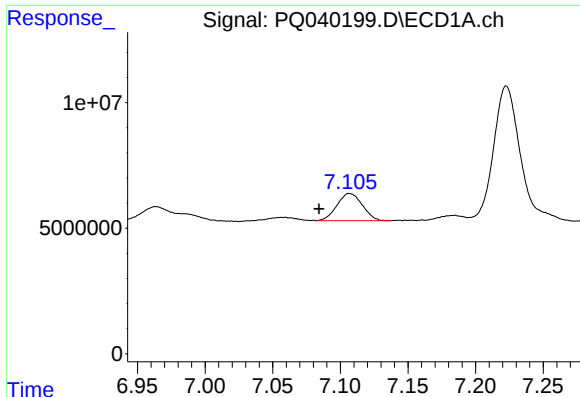
#12 AR-1232-2

R.T.: 6.691 min
Delta R.T.: -0.052 min
Response: 5915239
Conc: 149.20 ng/ml



#12 AR-1232-2

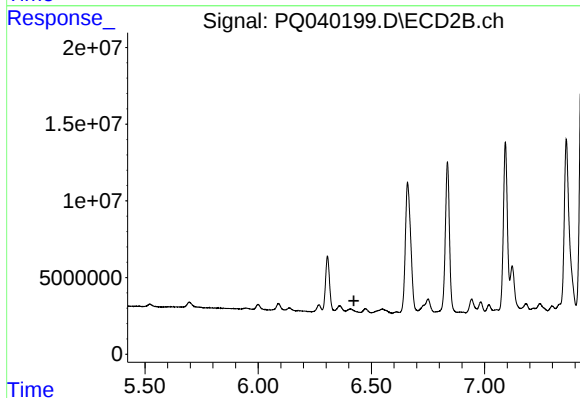
R.T.: 6.268 min
Delta R.T.: 0.060 min
Response: 4869516
Conc: 81.18 ng/ml



#13 AR-1232-3

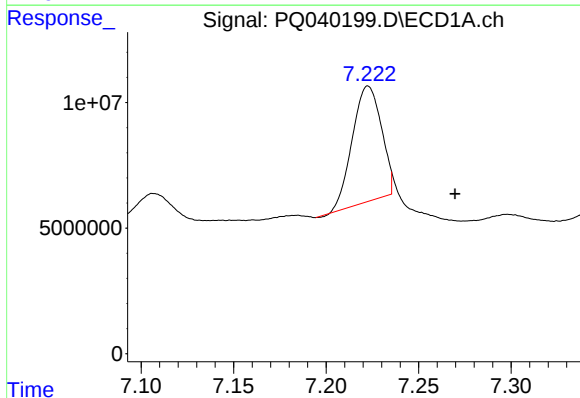
R.T.: 7.107 min
Delta R.T.: 0.023 min
Response: 14089631
Conc: 174.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



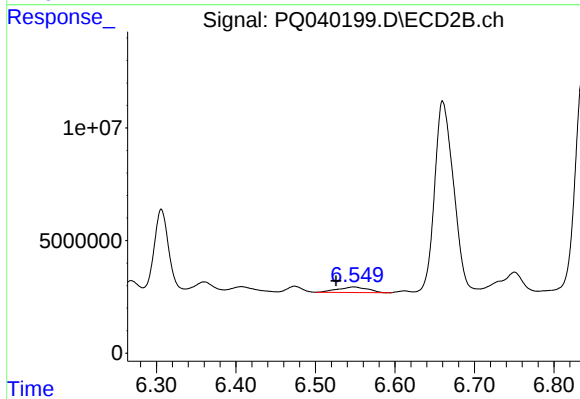
#13 AR-1232-3

R.T.: 6.407 min
Delta R.T.: -0.016 min
Response: -1946455
Conc: N.D.



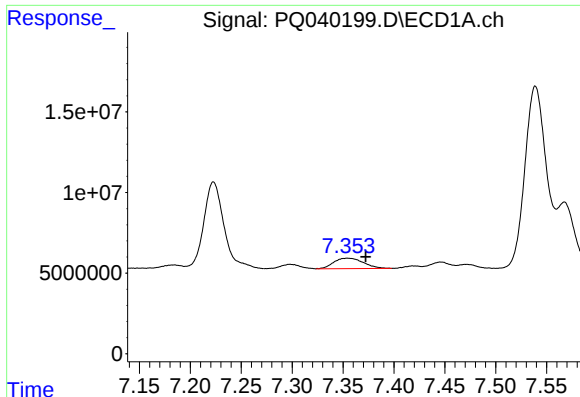
#14 AR-1232-4

R.T.: 7.223 min
Delta R.T.: -0.047 min
Response: 49991147
Conc: 1196.01 ng/ml



#14 AR-1232-4

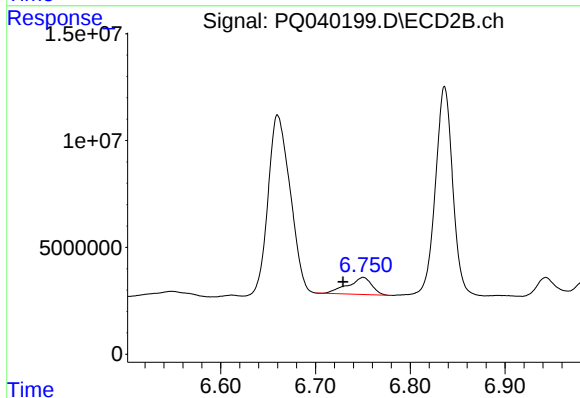
R.T.: 6.548 min
Delta R.T.: 0.022 min
Response: 6407644
Conc: 216.85 ng/ml



#15 AR-1232-5

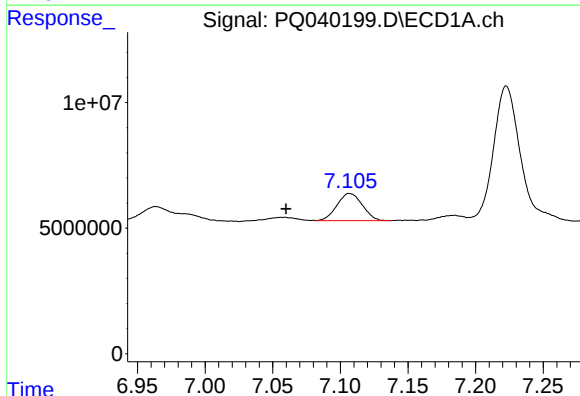
R.T.: 7.355 min
Delta R.T.: -0.018 min
Response: 13059343
Conc: 412.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



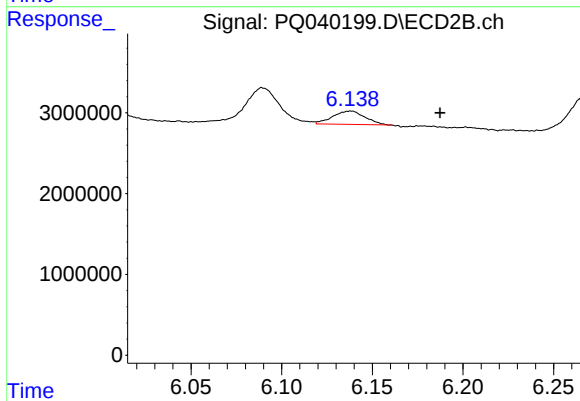
#15 AR-1232-5

R.T.: 6.750 min
Delta R.T.: 0.021 min
Response: 14119750
Conc: 469.03 ng/ml



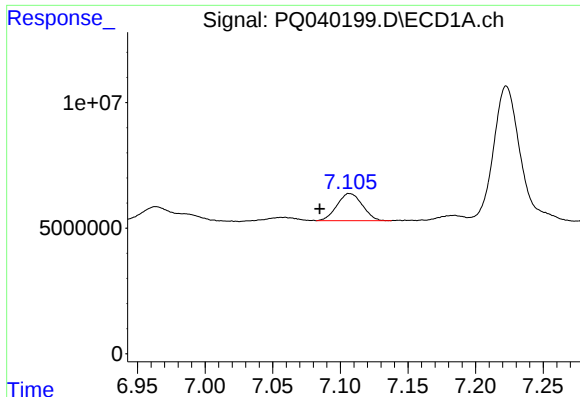
#16 AR-1242-1

R.T.: 7.107 min
Delta R.T.: 0.047 min
Response: 14089631
Conc: 145.32 ng/ml



#16 AR-1242-1

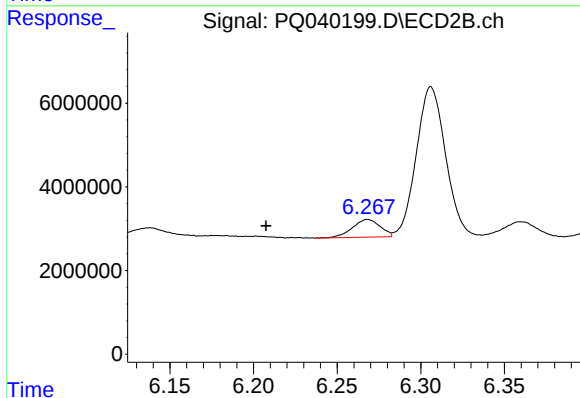
R.T.: 6.138 min
Delta R.T.: -0.050 min
Response: 1865321
Conc: 25.22 ng/ml



#17 AR-1242-2

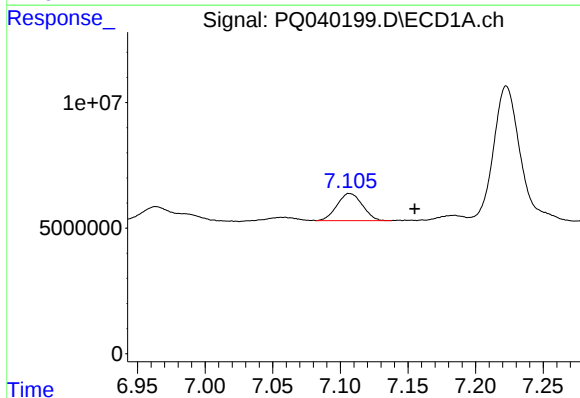
R.T.: 7.107 min
Delta R.T.: 0.022 min
Response: 14089631
Conc: 97.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



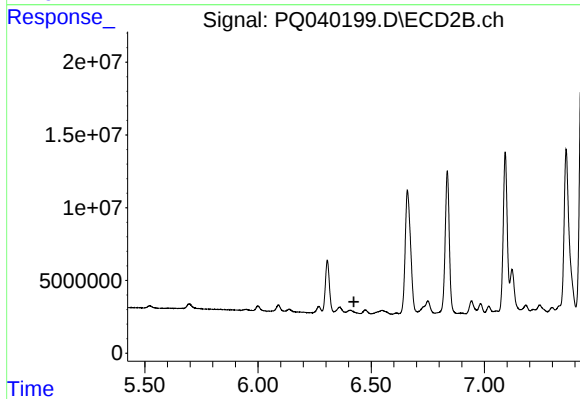
#17 AR-1242-2

R.T.: 6.268 min
Delta R.T.: 0.061 min
Response: 4869516
Conc: 45.74 ng/ml



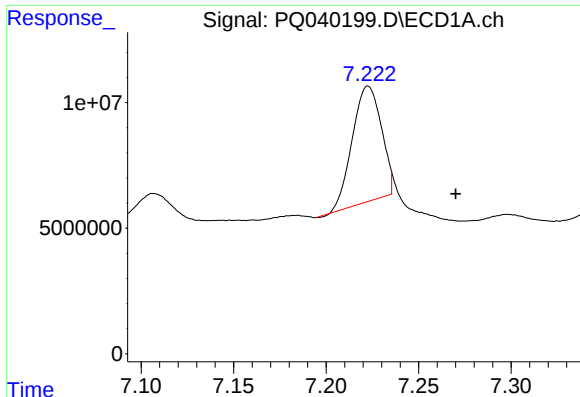
#18 AR-1242-3

R.T.: 7.107 min
Delta R.T.: -0.048 min
Response: 14089631
Conc: 151.35 ng/ml



#18 AR-1242-3

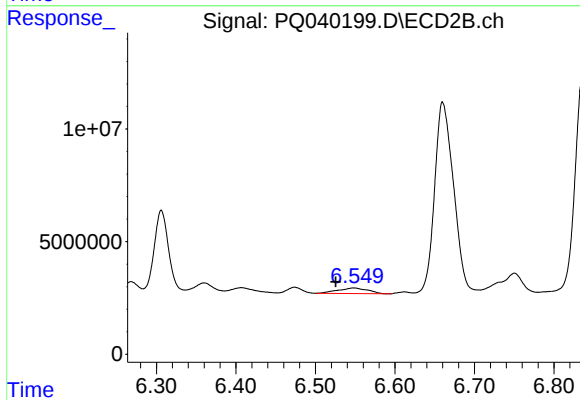
R.T.: 6.407 min
Delta R.T.: -0.017 min
Response: -1946455
Conc: N.D.



#19 AR-1242-4

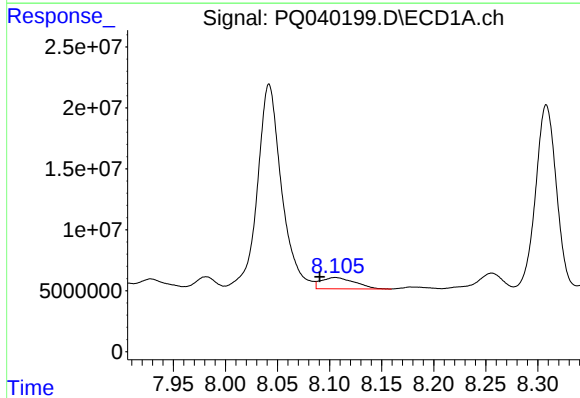
R.T.: 7.223 min
Delta R.T.: -0.047 min
Response: 49991147
Conc: 664.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



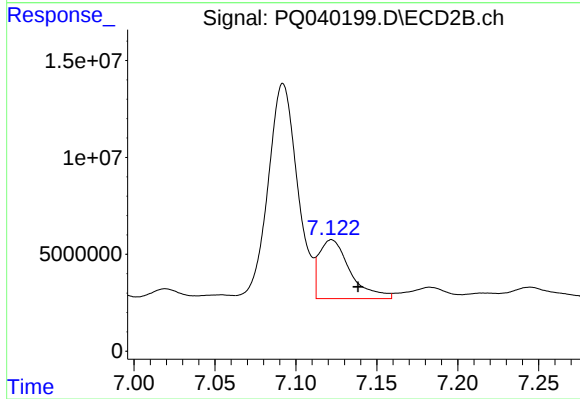
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: 0.023 min
Response: 6407644
Conc: 107.51 ng/ml



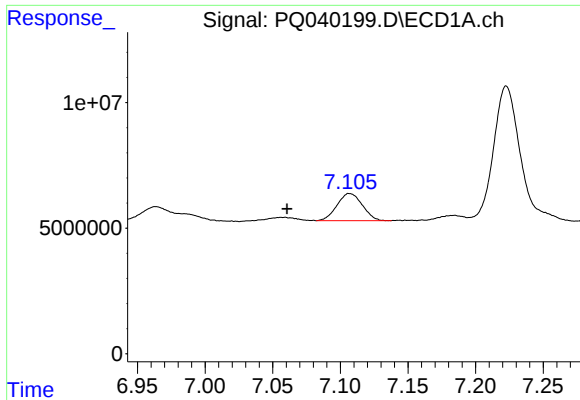
#20 AR-1242-5

R.T.: 8.106 min
Delta R.T.: 0.015 min
Response: 20825956
Conc: 240.22 ng/ml



#20 AR-1242-5

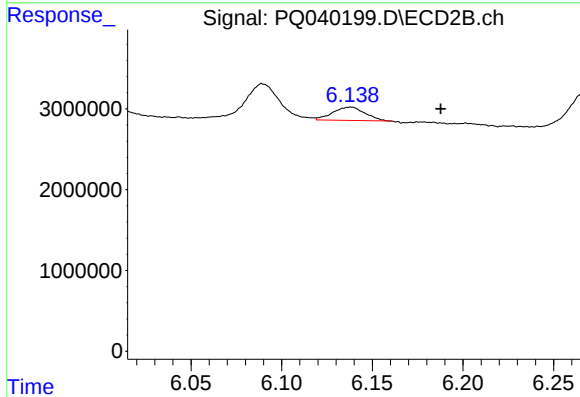
R.T.: 7.122 min
Delta R.T.: -0.016 min
Response: 40496900
Conc: 502.52 ng/ml



#21 AR-1248-1

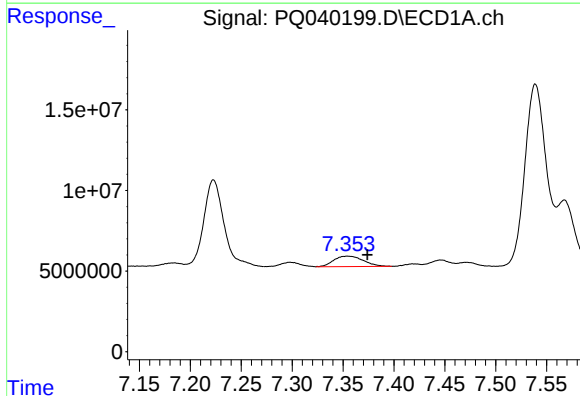
R.T.: 7.107 min
Delta R.T.: 0.046 min
Response: 14089631
Conc: 182.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



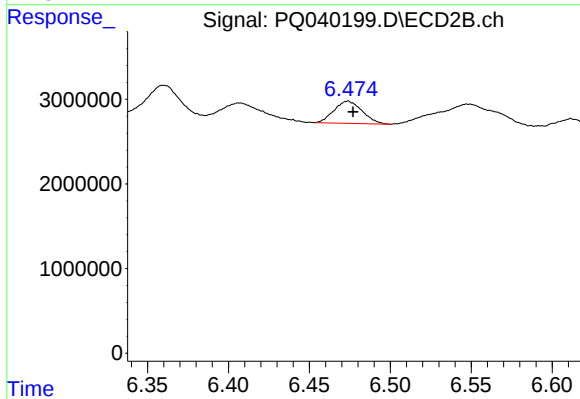
#21 AR-1248-1

R.T.: 6.138 min
Delta R.T.: -0.050 min
Response: 1865321
Conc: 32.37 ng/ml



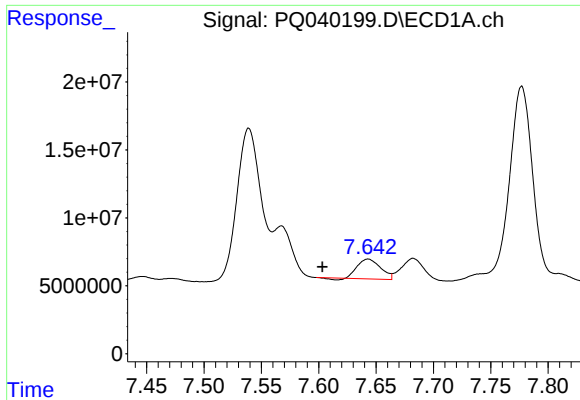
#22 AR-1248-2

R.T.: 7.355 min
Delta R.T.: -0.019 min
Response: 13059343
Conc: 115.95 ng/ml



#22 AR-1248-2

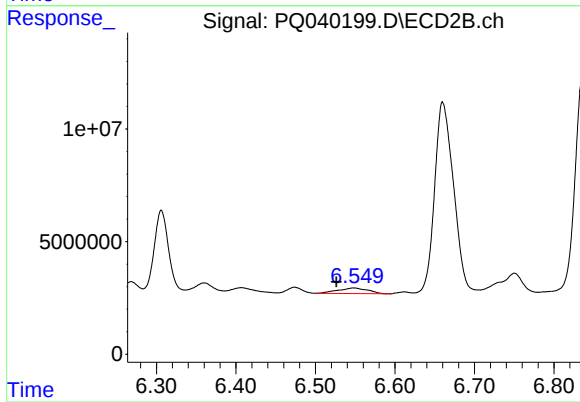
R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 3170680
Conc: 36.06 ng/ml



#23 AR-1248-3

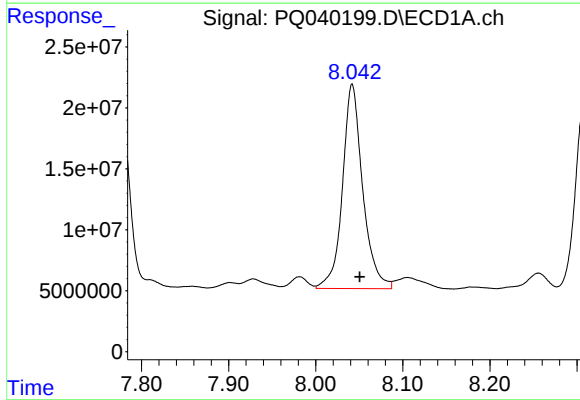
R.T.: 7.643 min
Delta R.T.: 0.040 min
Response: 19800878
Conc: 143.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



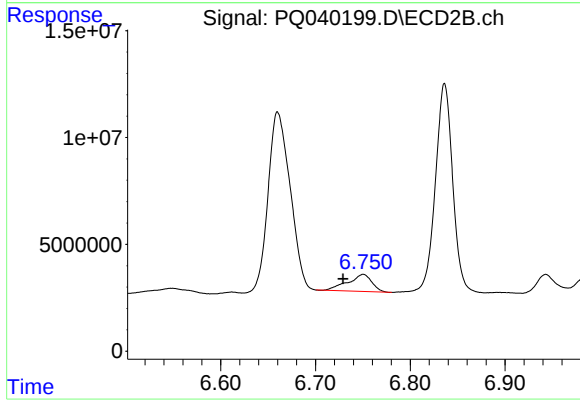
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: 0.022 min
Response: 6407644
Conc: 70.82 ng/ml



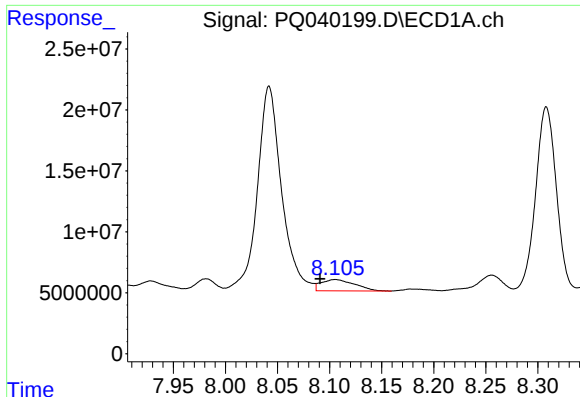
#24 AR-1248-4

R.T.: 8.042 min
Delta R.T.: -0.009 min
Response: 270667204
Conc: 1792.86 ng/ml



#24 AR-1248-4

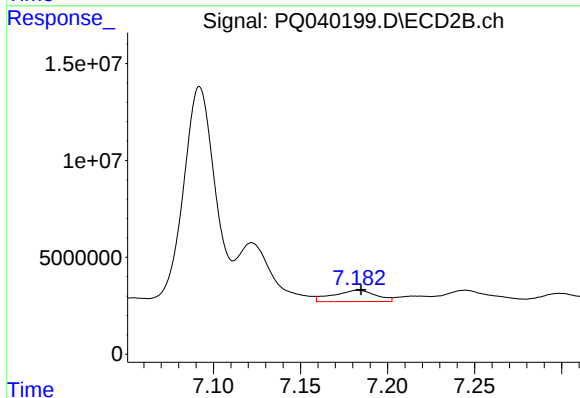
R.T.: 6.750 min
Delta R.T.: 0.021 min
Response: 14119750
Conc: 127.86 ng/ml



#25 AR-1248-5

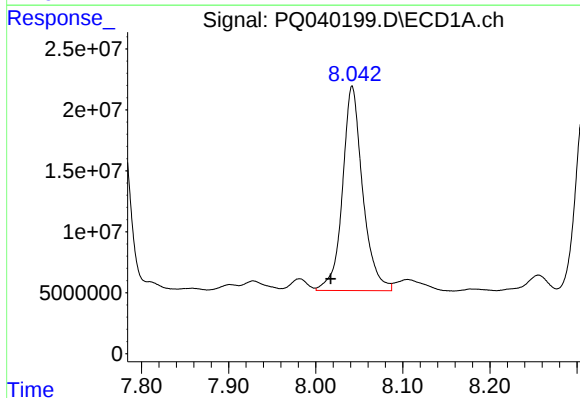
R.T.: 8.106 min
Delta R.T.: 0.015 min
Response: 20825956
Conc: 138.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



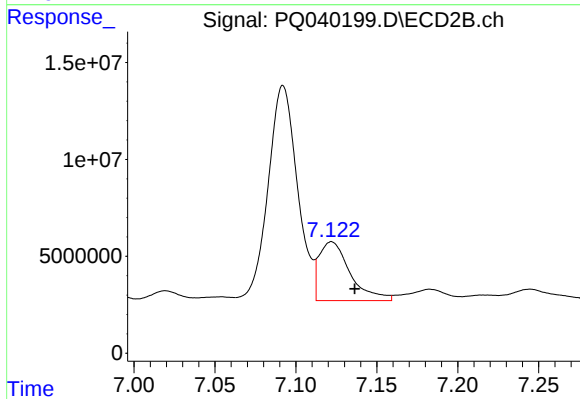
#25 AR-1248-5

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 9943437
Conc: 87.58 ng/ml



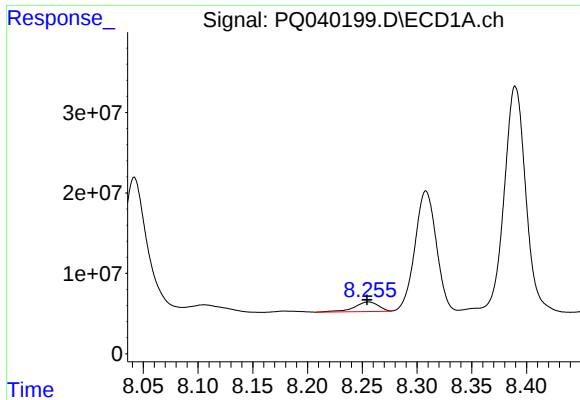
#26 AR-1254-1

R.T.: 8.042 min
Delta R.T.: 0.025 min
Response: 270667204
Conc: 1552.04 ng/ml



#26 AR-1254-1

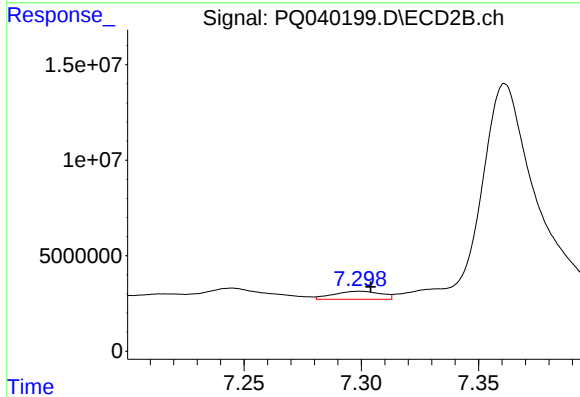
R.T.: 7.122 min
Delta R.T.: -0.014 min
Response: 40496900
Conc: 211.43 ng/ml



#27 AR-1254-2

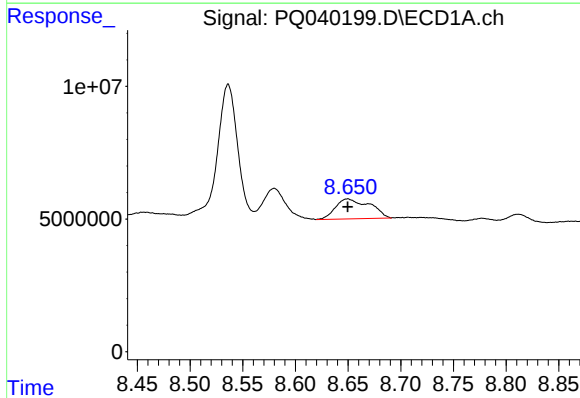
R.T.: 8.256 min
Delta R.T.: 0.001 min
Response: 18409137
Conc: 66.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMN2



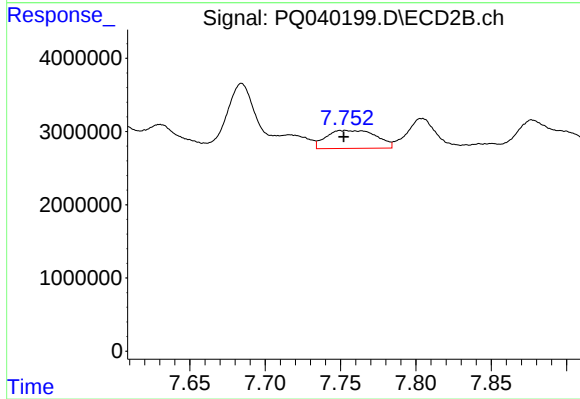
#27 AR-1254-2

R.T.: 7.299 min
Delta R.T.: -0.005 min
Response: 5887259
Conc: 33.89 ng/ml



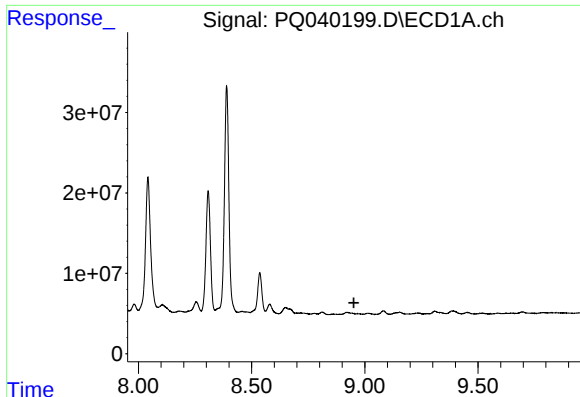
#28 AR-1254-3

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 17010257
Conc: 57.32 ng/ml



#28 AR-1254-3

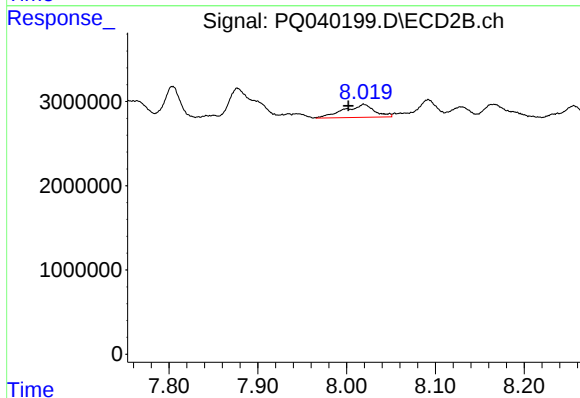
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 5685739
Conc: 19.68 ng/ml



#29 AR-1254-4

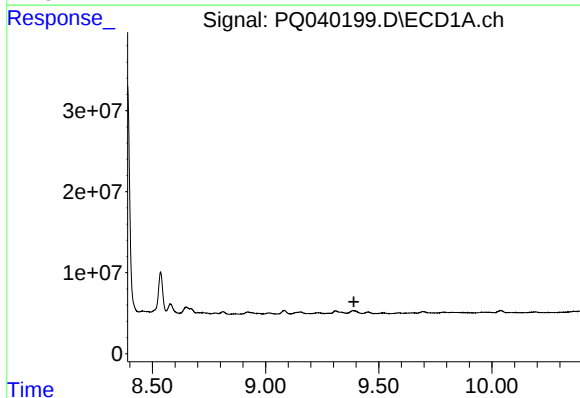
R.T.: 0.000 min
Exp R.T. : 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



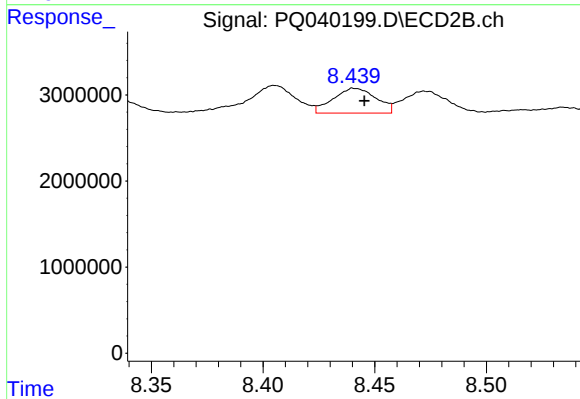
#29 AR-1254-4

R.T.: 8.020 min
Delta R.T.: 0.018 min
Response: 3721426
Conc: 20.84 ng/ml



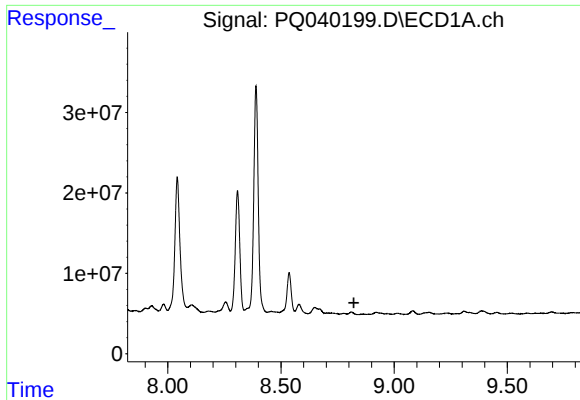
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 9.390 min
Response: 0
Conc: N.D.



#30 AR-1254-5

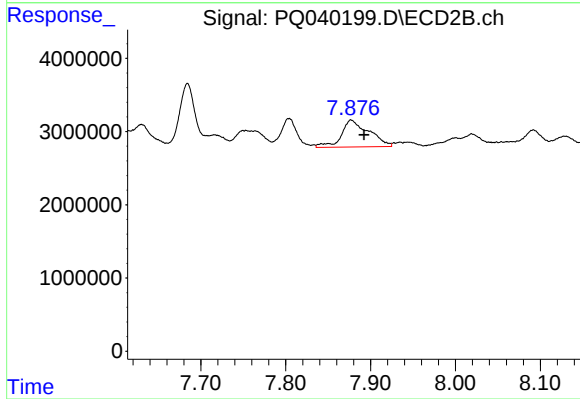
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 3866326
Conc: 15.01 ng/ml



#31 AR-1260-1

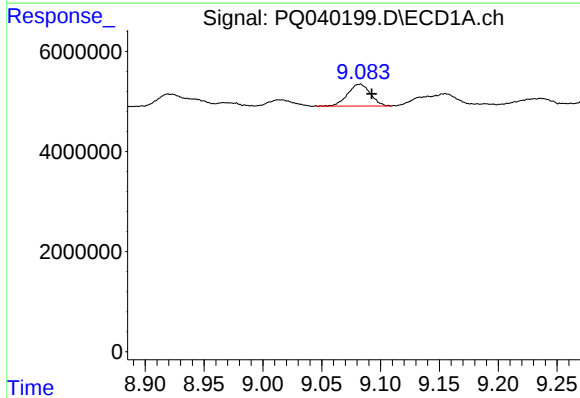
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



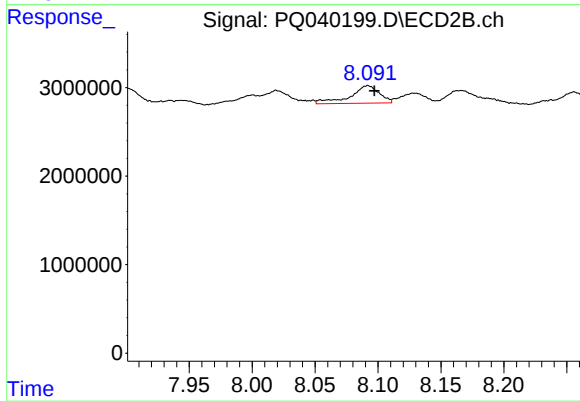
#31 AR-1260-1

R.T.: 7.878 min
Delta R.T.: -0.015 min
Response: 8365848
Conc: 30.52 ng/ml



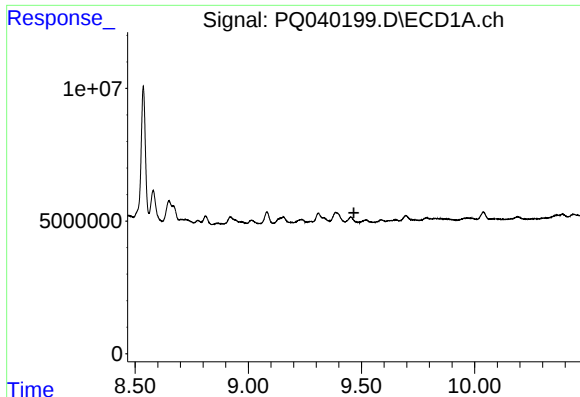
#32 AR-1260-2

R.T.: 9.082 min
Delta R.T.: -0.010 min
Response: 5880343
Conc: 14.56 ng/ml



#32 AR-1260-2

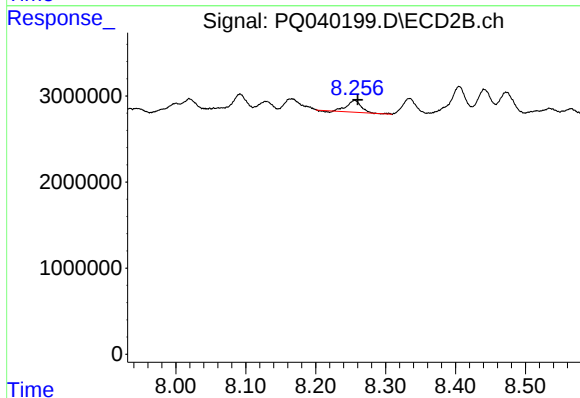
R.T.: 8.092 min
Delta R.T.: -0.005 min
Response: 3166190
Conc: 9.15 ng/ml



#33 AR-1260-3

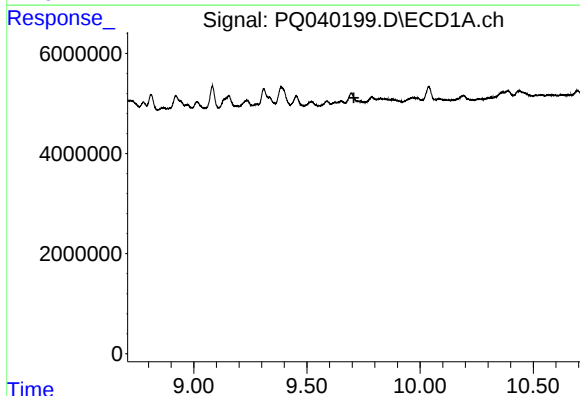
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



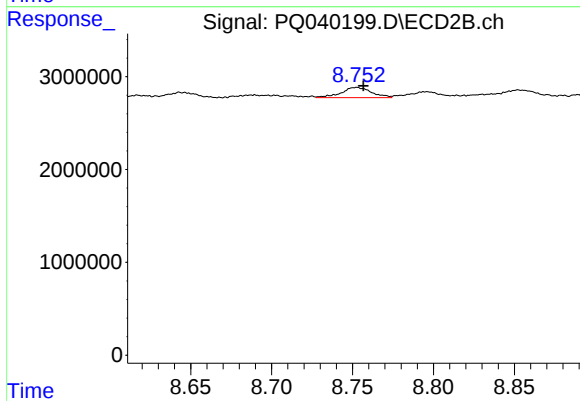
#33 AR-1260-3

R.T.: 8.256 min
Delta R.T.: -0.005 min
Response: 1920062
Conc: 5.99 ng/ml



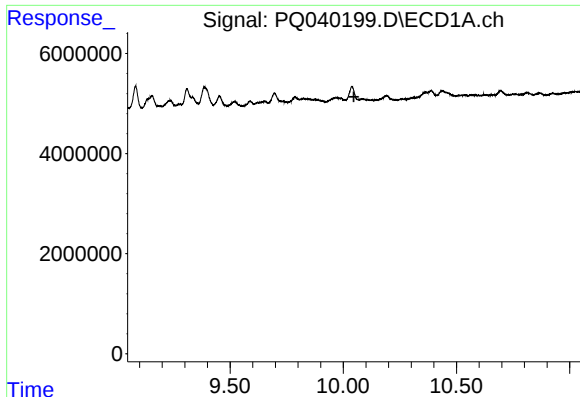
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.707 min
Response: 0
Conc: N.D.



#34 AR-1260-4

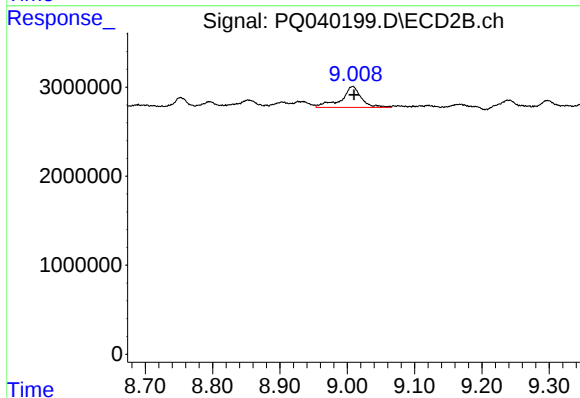
R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 1421476
Conc: 5.23 ng/ml



#35 AR-1260-5

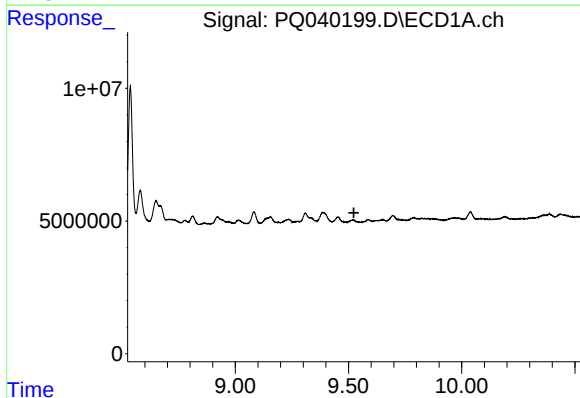
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



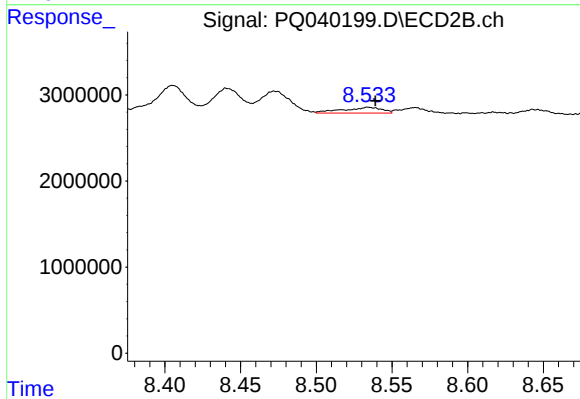
#35 AR-1260-5

R.T.: 9.008 min
Delta R.T.: -0.003 min
Response: 4883327
Conc: 7.26 ng/ml



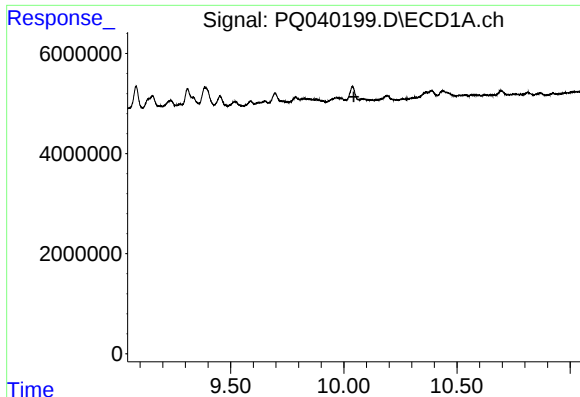
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 9.524 min
Response: 0
Conc: N.D.



#36 AR-1262-1

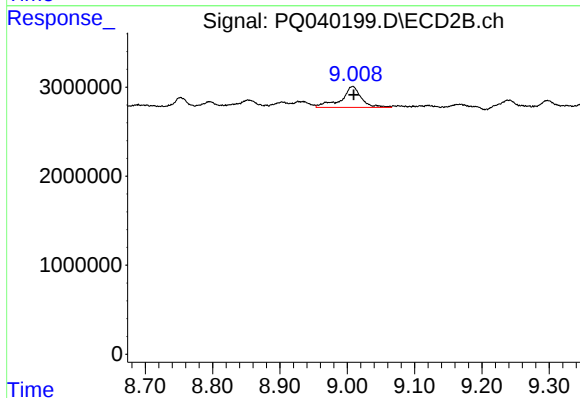
R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 1198271
Conc: 10.55 ng/ml



#37 AR-1262-2

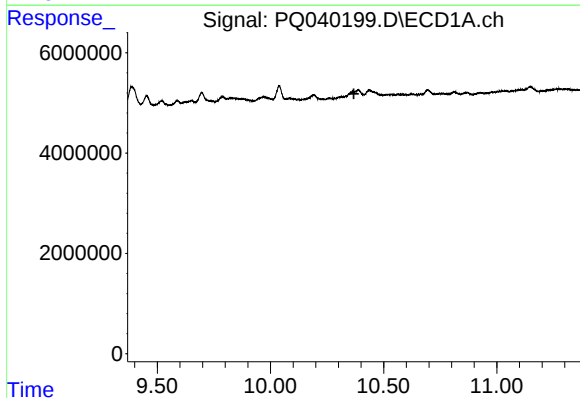
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



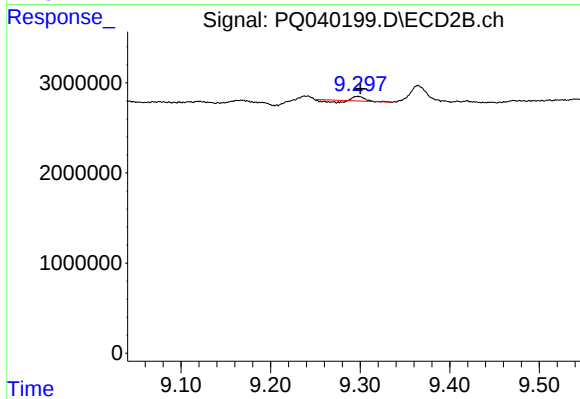
#37 AR-1262-2

R.T.: 9.008 min
Delta R.T.: -0.002 min
Response: 4883327
Conc: 9.84 ng/ml



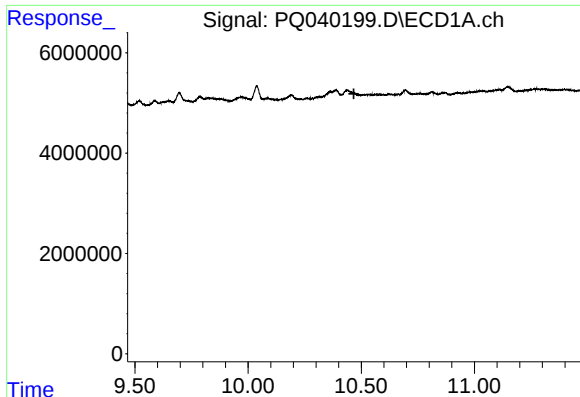
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.



#38 AR-1262-3

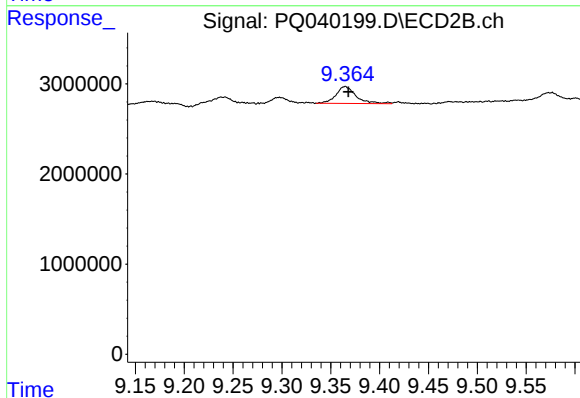
R.T.: 9.297 min
Delta R.T.: -0.003 min
Response: 249060
Conc: 1.18 ng/ml



#39 AR-1262-4

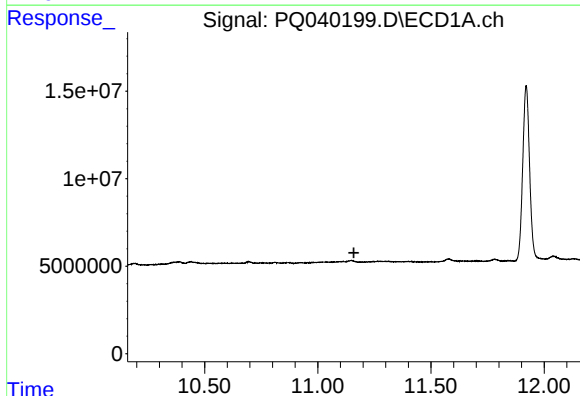
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



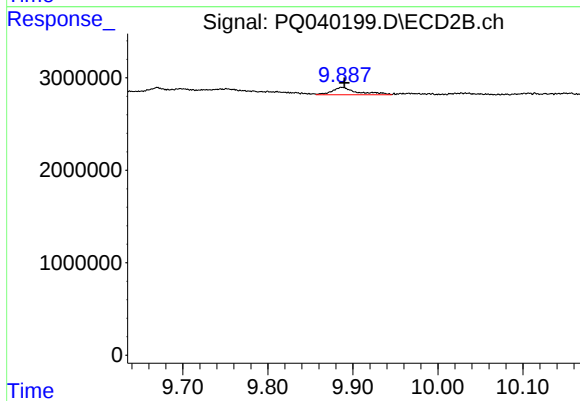
#39 AR-1262-4

R.T.: 9.365 min
Delta R.T.: -0.003 min
Response: 2659965
Conc: 7.03 ng/ml



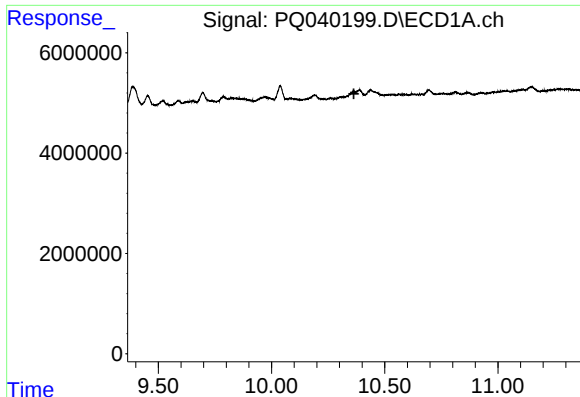
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.159 min
Response: 0
Conc: N.D.



#40 AR-1262-5

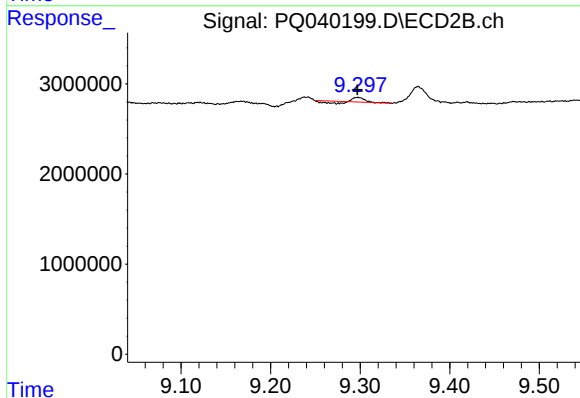
R.T.: 9.887 min
Delta R.T.: -0.002 min
Response: 1648491
Conc: 10.17 ng/ml



#41 AR-1268-1

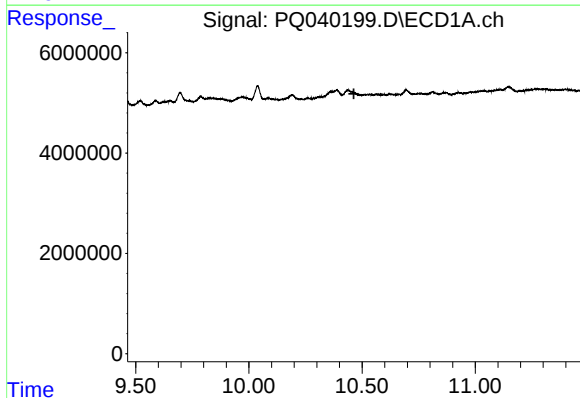
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



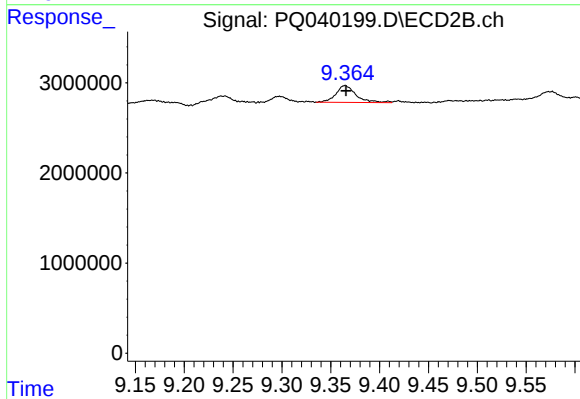
#41 AR-1268-1

R.T.: 9.297 min
Delta R.T.: 0.000 min
Response: 249060
Conc: 0.55 ng/ml



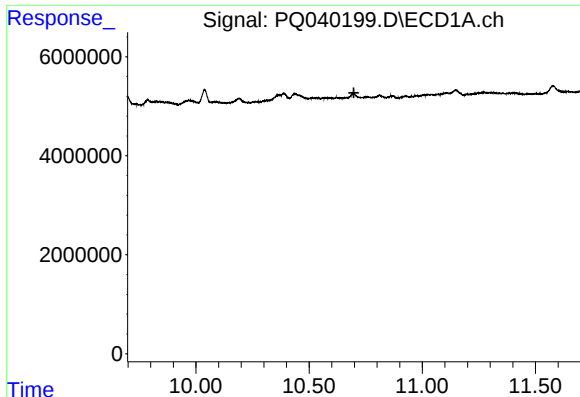
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 10.464 min
Response: 0
Conc: N.D.



#42 AR-1268-2

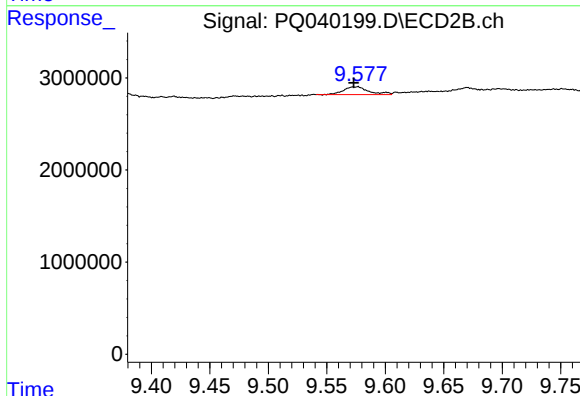
R.T.: 9.365 min
Delta R.T.: 0.000 min
Response: 2659965
Conc: 6.08 ng/ml



#43 AR-1268-3

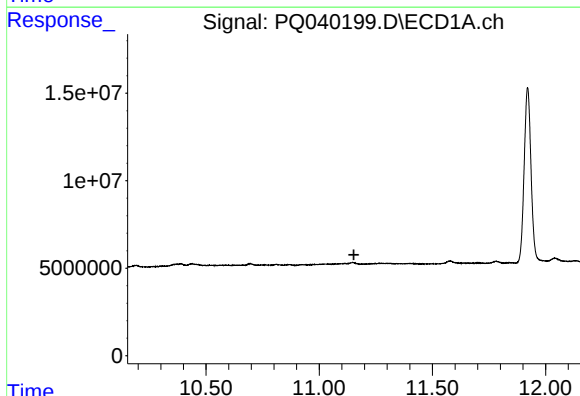
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



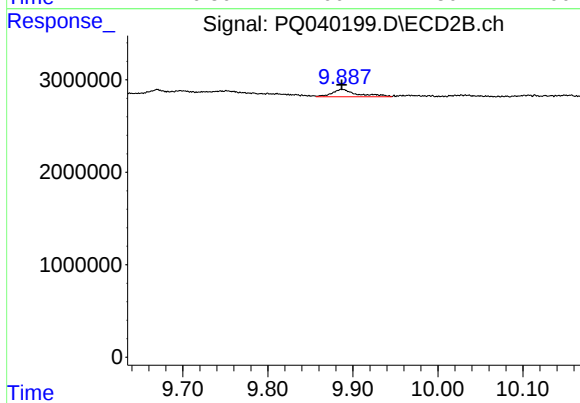
#43 AR-1268-3

R.T.: 9.575 min
Delta R.T.: 0.002 min
Response: 1286020
Conc: 3.43 ng/ml



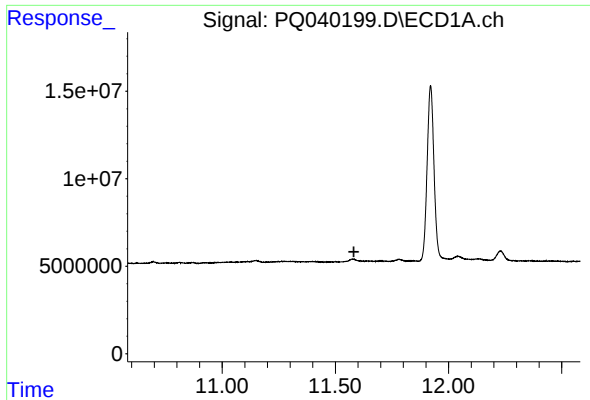
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.153 min
Response: 0
Conc: N.D.



#44 AR-1268-4

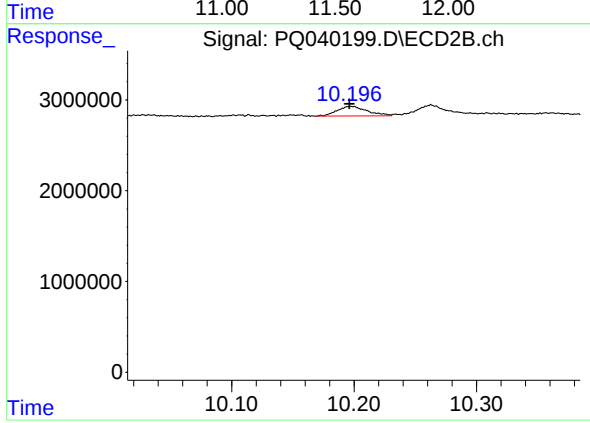
R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 1648491
Conc: 11.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.582 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMN2



#45 AR-1268-5

R.T.: 10.198 min
Delta R.T.: 0.001 min
Response: 1804981
Conc: 1.53 ng/ml