

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 00:46
 Operator : SM\AJ
 Sample : K3020-22
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:20:08 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...	5.605	4.738	105.4E6	63291592	32.164	29.468
2)	SA Decachlor...	11.921	10.462	266.5E6	135.9E6	37.306	32.683
Target Compounds							
3)	L1 AR-1016-1	7.110	6.198	10207876	3954472	61.018	30.827 #
4)	L1 AR-1016-2	7.110	6.198	10207876	3954472	38.828	20.488 #
5)	L1 AR-1016-3	7.172	6.413	7328872	-2575746	42.940	N.D. #
6)	L1 AR-1016-4	7.225	6.475	18514904	2919733	133.949	34.290 #
7)	L1 AR-1016-5	7.645	6.752	7727650	6619656	55.705	57.492
8)	L2 AR-1221-1	0.000	5.013	0	1793328	N.D.	73.177 #
9)	L2 AR-1221-2	0.000	5.156	0	1727684	N.D.	106.073 #
10)	L2 AR-1221-3	0.000	5.251	0	600560	N.D.	9.877 #
11)	L3 AR-1232-1	0.000	5.251	0	600560	N.D.	13.106 #
12)	L3 AR-1232-2	0.000	6.198	0	3954472	N.D.	65.923 #
13)	L3 AR-1232-3	7.110	6.413	10207876	-2575746	126.316	N.D. #
14)	L3 AR-1232-4	7.225	6.553	18514904	7462428	442.957	252.551 #
15)	L3 AR-1232-5	0.000	6.752	0	6619656	N.D.	219.890 #
16)	L4 AR-1242-1	7.110	6.198	10207876	3954472	105.284	53.476 #
17)	L4 AR-1242-2	7.110	6.198	10207876	3954472	70.634	37.145 #
18)	L4 AR-1242-3	7.172	6.413	7328872	-2575746	78.728	N.D. #
19)	L4 AR-1242-4	7.225	6.553	18514904	7462428	246.174	125.208 #
20)	L4 AR-1242-5	8.044	7.123	82323704	25553338	949.594	317.085 #
21)	L5 AR-1248-1	7.110	6.198	10207876	3954472	131.881	68.626 #
22)	L5 AR-1248-2	0.000	6.475	0	2919733	N.D.	33.209 #
23)	L5 AR-1248-3	7.645	6.553	7727650	7462428	55.986	82.473 #
24)	L5 AR-1248-4	8.044	6.752	82323704	6619656	545.299	59.945 #
25)	L5 AR-1248-5	8.044	7.183	82323704	5843219	546.789	51.466 #
26)	L6 AR-1254-1	8.044	7.123	82323704	25553338	472.055	133.413 #
27)	L6 AR-1254-2	8.253	7.301	29160841	3753611	105.444	21.606 #
28)	L6 AR-1254-3	8.662	7.766	31616962	10838455	106.532	37.506 #
29)	L6 AR-1254-4	0.000	8.001	0	7845443	N.D.	43.940 #
30)	L6 AR-1254-5	0.000	8.441	0	3214430	N.D.	12.477 #
31)	L7 AR-1260-1	0.000	7.905	0	14838763	N.D.	54.129 #
32)	L7 AR-1260-2	0.000	8.094	0	3769350	N.D.	10.897 #
33)	L7 AR-1260-3	0.000	8.255	0	1769826	N.D.	5.519 #
34)	L7 AR-1260-4	0.000	8.751	0	640176	N.D.	2.356 #
35)	L7 AR-1260-5	0.000	9.006	0	2420382	N.D.	3.601 #
36)	L8 AR-1262-1	0.000	8.534	0	548798	N.D.	4.833 #
37)	L8 AR-1262-2	0.000	9.006	0	2420382	N.D.	4.878 #
38)	L8 AR-1262-3	0.000	9.363	0	1287543	N.D.	6.124 #
39)	L8 AR-1262-4	0.000	9.363	0	1287543	N.D.	3.401 #
40)	L8 AR-1262-5	0.000	9.887	0	1236535	N.D.	7.627 #
41)	L9 AR-1268-1	0.000	9.363	0	1287543	N.D.	2.821 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
Data File : PQ040161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 00:46
Operator : SM\AJ
Sample : K3020-22
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETMM8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 01:20:08 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
42)	L9 AR-1268-2	0.000	9.363	0	1287543	N.D.	2.945 #
43)	L9 AR-1268-3	0.000	9.572	0	1079878	N.D.	2.877 #
44)	L9 AR-1268-4	0.000	9.887	0	1236535	N.D.	8.974 #
45)	L9 AR-1268-5	0.000	10.195	0	1567434	N.D.	1.328 #

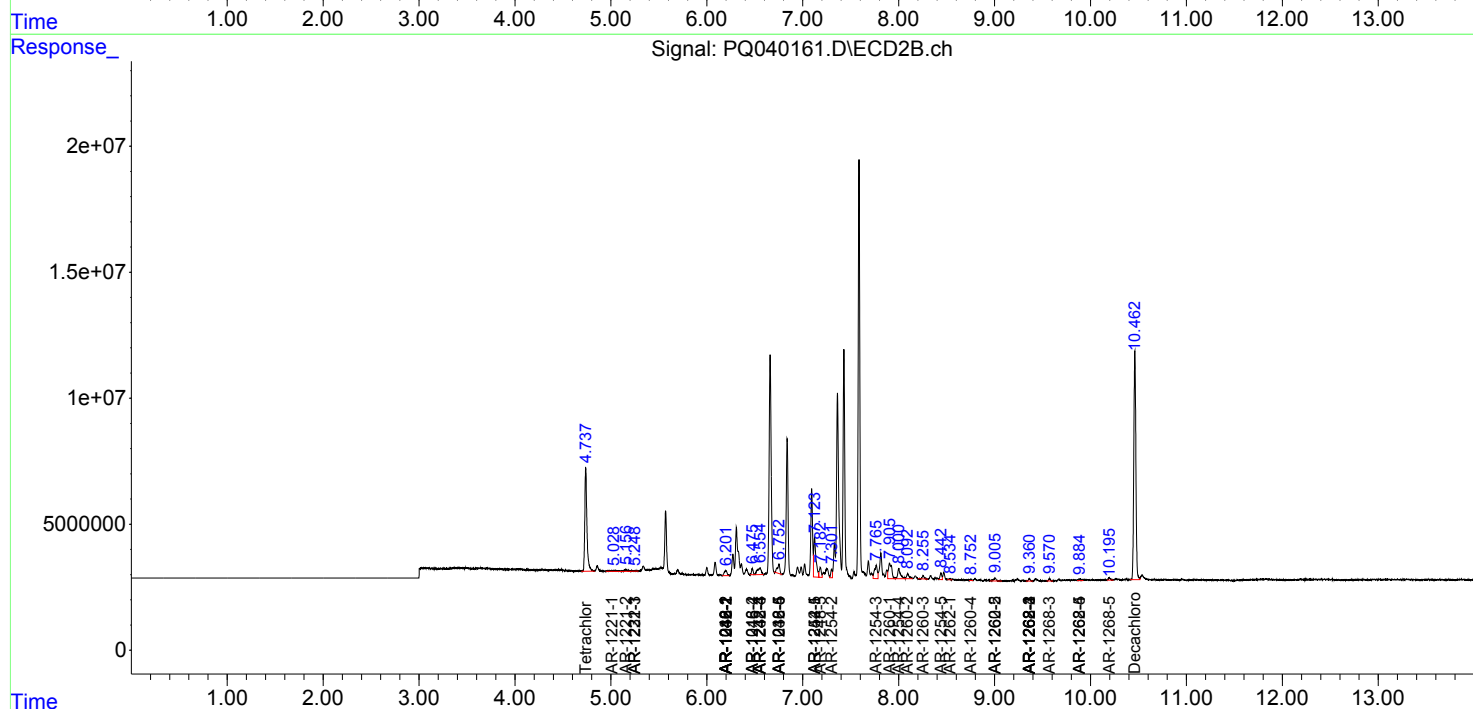
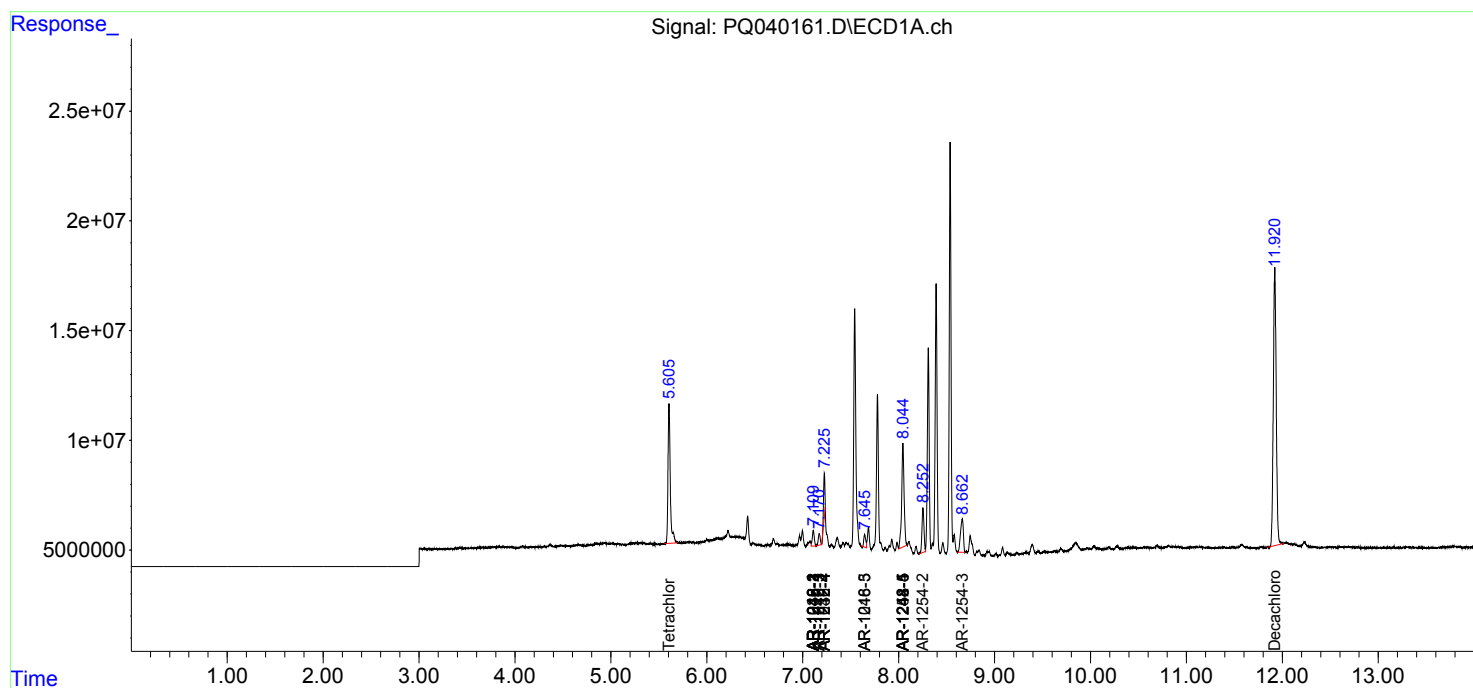
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

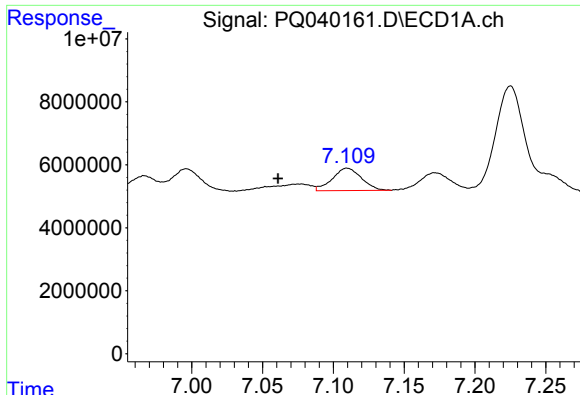
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
Data File : PQ040161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 00:46
Operator : SM\AJ
Sample : K3020-22
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :
ETMM8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 01:20:08 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

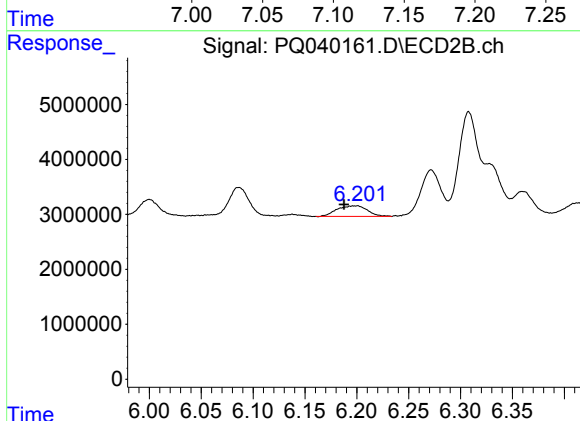




#3 AR-1016-1

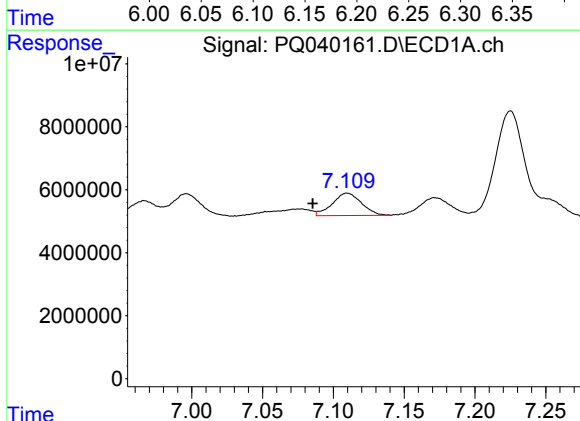
R.T.: 7.110 min
Delta R.T.: 0.049 min
Response: 10207876
Conc: 61.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



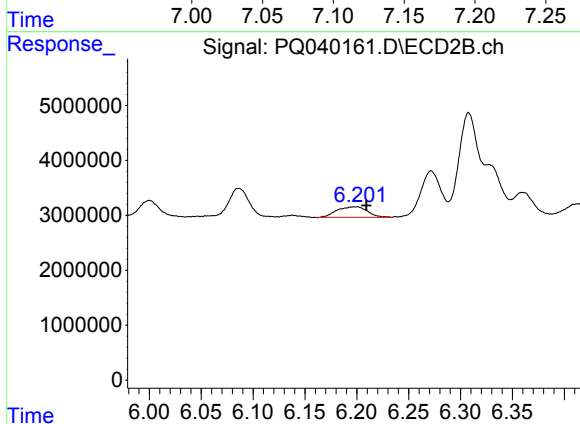
#3 AR-1016-1

R.T.: 6.198 min
Delta R.T.: 0.010 min
Response: 3954472
Conc: 30.83 ng/ml



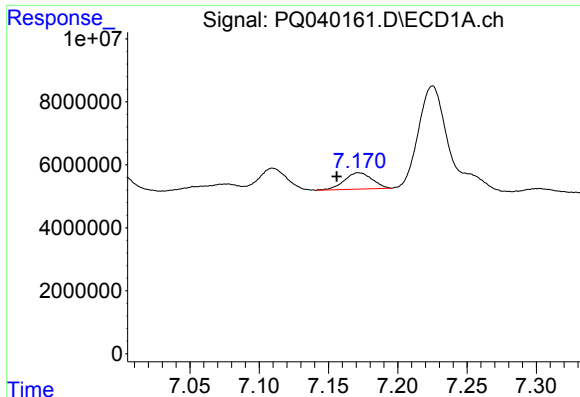
#4 AR-1016-2

R.T.: 7.110 min
Delta R.T.: 0.024 min
Response: 10207876
Conc: 38.83 ng/ml



#4 AR-1016-2

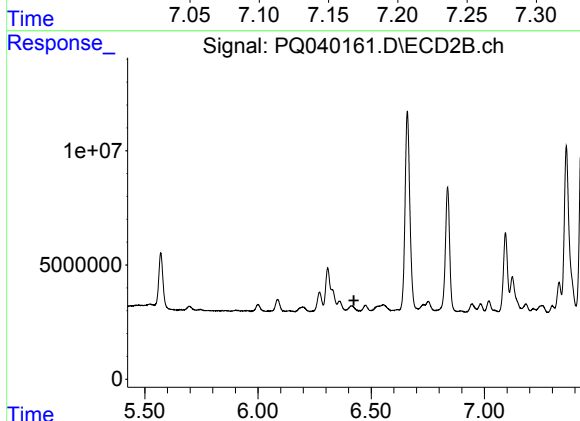
R.T.: 6.198 min
Delta R.T.: -0.011 min
Response: 3954472
Conc: 20.49 ng/ml



#5 AR-1016-3

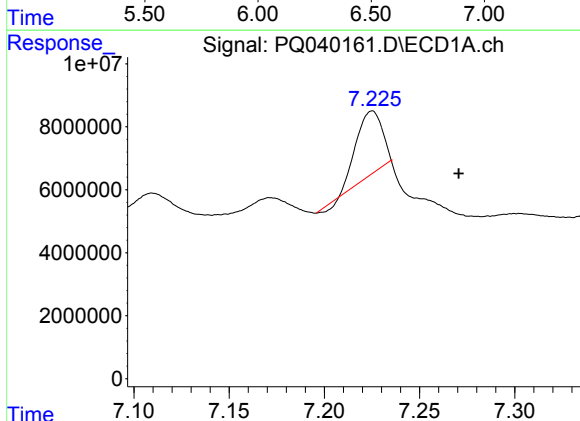
R.T.: 7.172 min
Delta R.T.: 0.016 min
Response: 7328872
Conc: 42.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



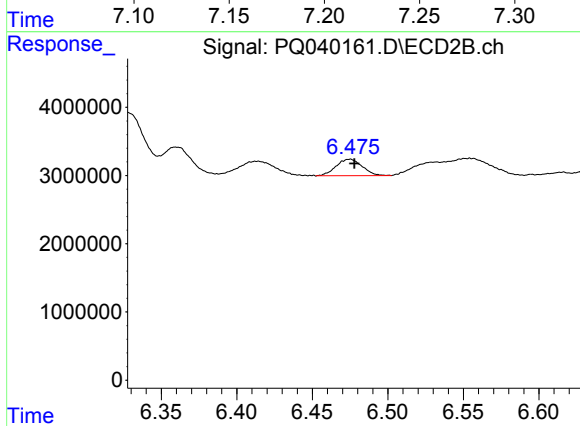
#5 AR-1016-3

R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: -2575746
Conc: N.D.



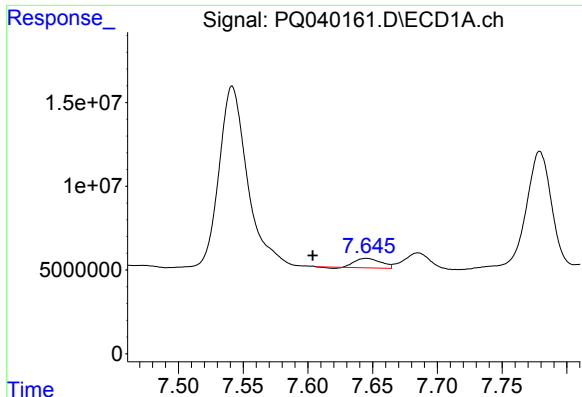
#6 AR-1016-4

R.T.: 7.225 min
Delta R.T.: -0.045 min
Response: 18514904
Conc: 133.95 ng/ml



#6 AR-1016-4

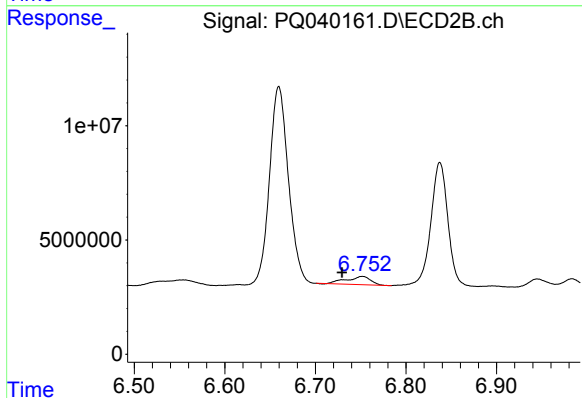
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 2919733
Conc: 34.29 ng/ml



#7 AR-1016-5

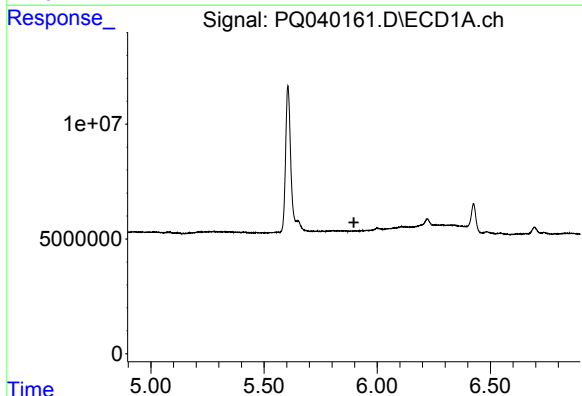
R.T.: 7.645 min
Delta R.T.: 0.042 min
Response: 7727650
Conc: 55.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



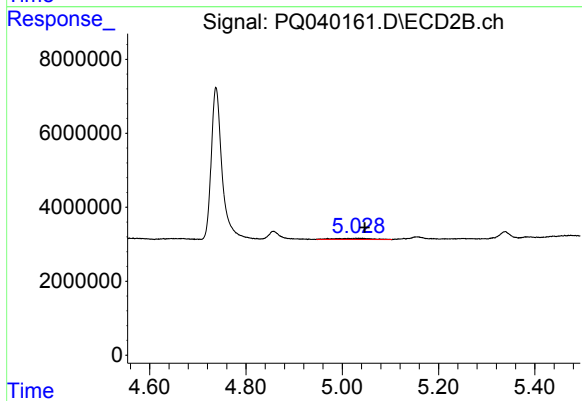
#7 AR-1016-5

R.T.: 6.752 min
Delta R.T.: 0.022 min
Response: 6619656
Conc: 57.49 ng/ml



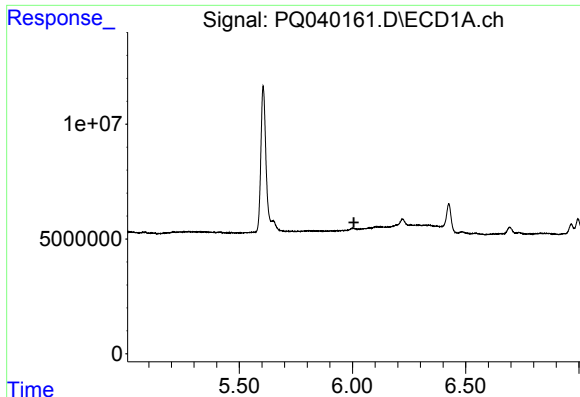
#8 AR-1221-1

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



#8 AR-1221-1

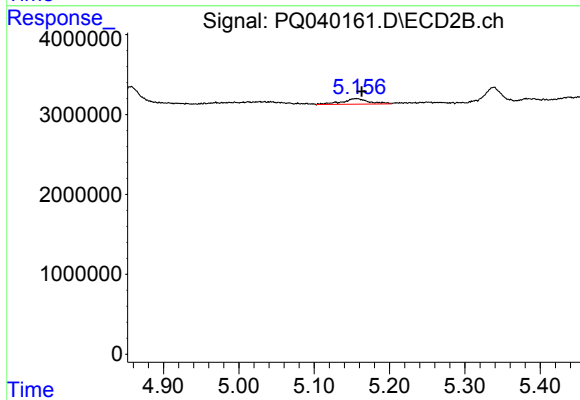
R.T.: 5.013 min
Delta R.T.: -0.033 min
Response: 1793328
Conc: 73.18 ng/ml



#9 AR-1221-2

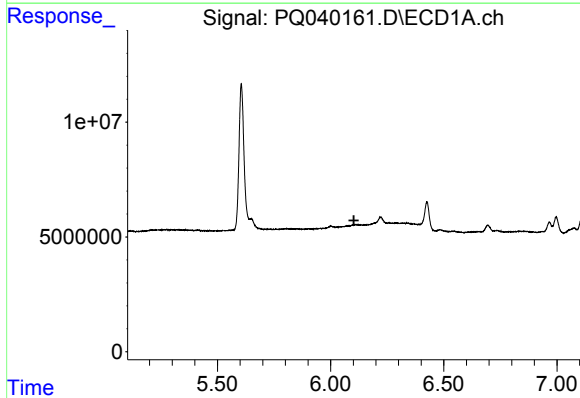
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



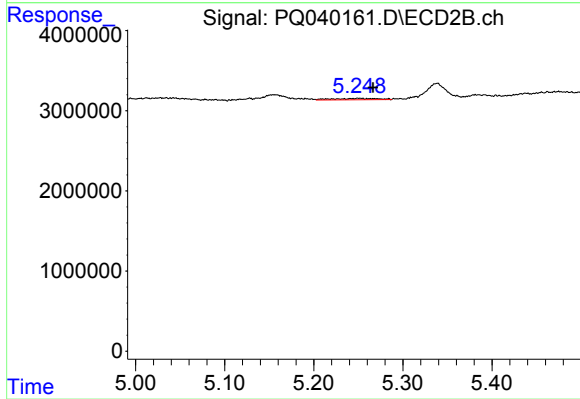
#9 AR-1221-2

R.T.: 5.156 min
Delta R.T.: -0.008 min
Response: 1727684
Conc: 106.07 ng/ml



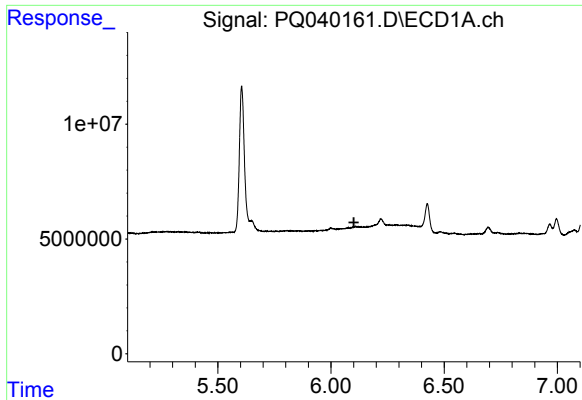
#10 AR-1221-3

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



#10 AR-1221-3

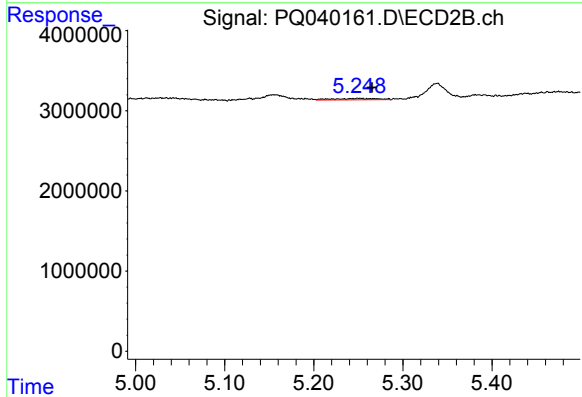
R.T.: 5.251 min
Delta R.T.: -0.016 min
Response: 600560
Conc: 9.88 ng/ml



#11 AR-1232-1

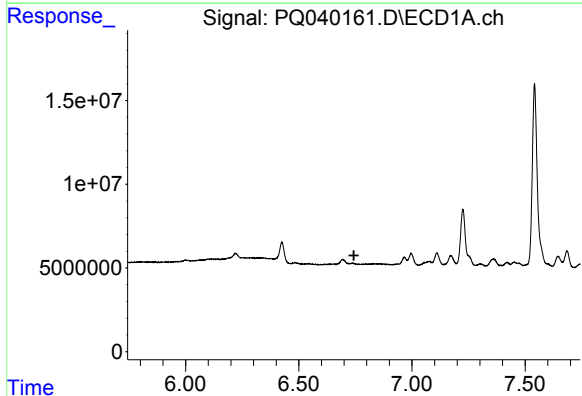
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



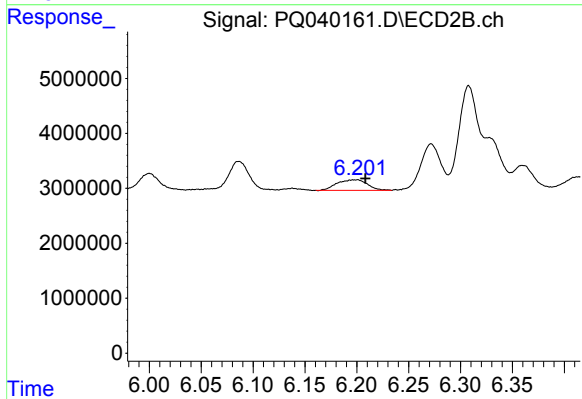
#11 AR-1232-1

R.T.: 5.251 min
Delta R.T.: -0.014 min
Response: 600560
Conc: 13.11 ng/ml



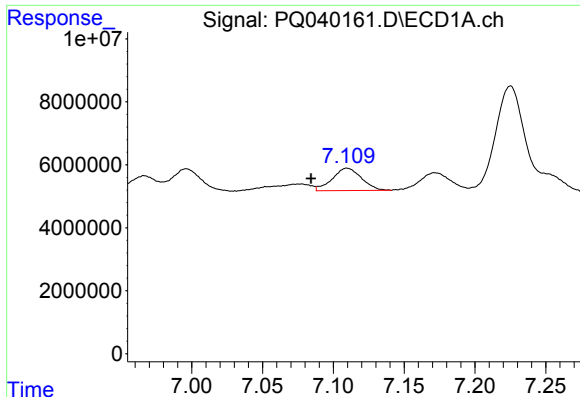
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.



#12 AR-1232-2

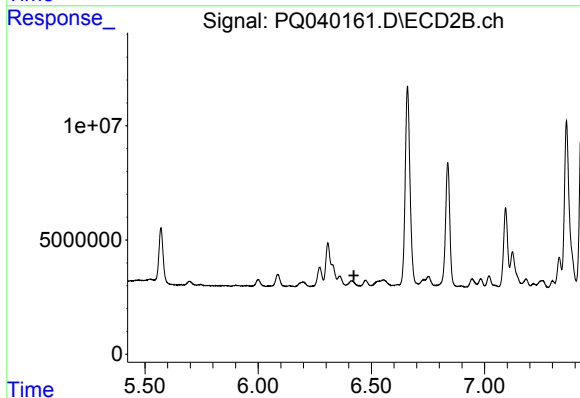
R.T.: 6.198 min
Delta R.T.: -0.010 min
Response: 3954472
Conc: 65.92 ng/ml



#13 AR-1232-3

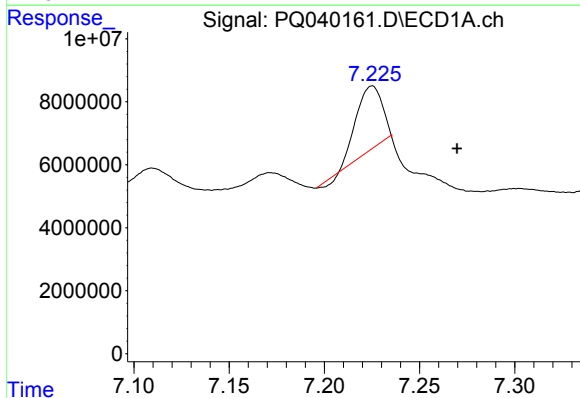
R.T.: 7.110 min
Delta R.T.: 0.025 min
Response: 10207876
Conc: 126.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



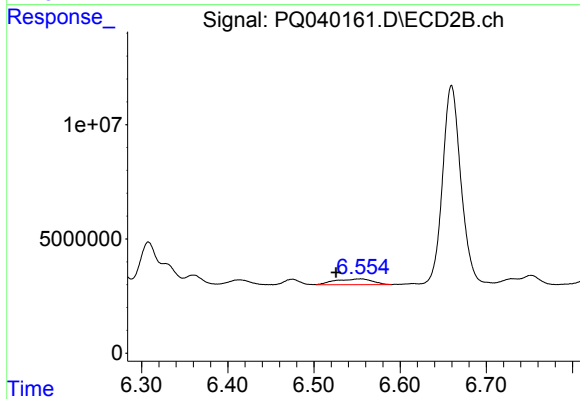
#13 AR-1232-3

R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: -2575746
Conc: N.D.



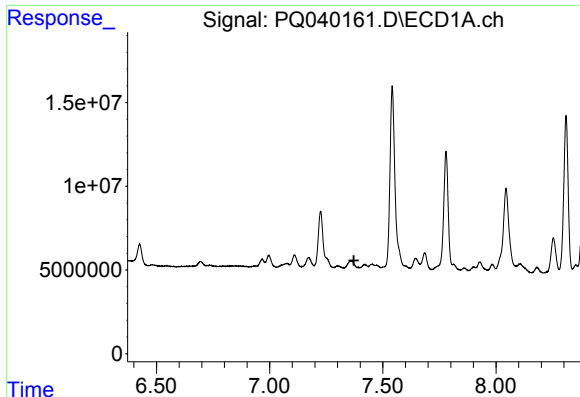
#14 AR-1232-4

R.T.: 7.225 min
Delta R.T.: -0.045 min
Response: 18514904
Conc: 442.96 ng/ml



#14 AR-1232-4

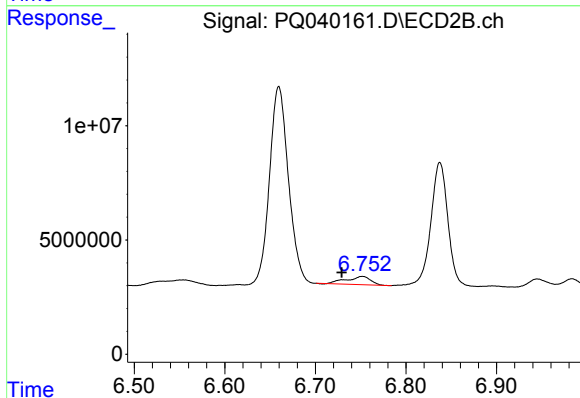
R.T.: 6.553 min
Delta R.T.: 0.028 min
Response: 7462428
Conc: 252.55 ng/ml



#15 AR-1232-5

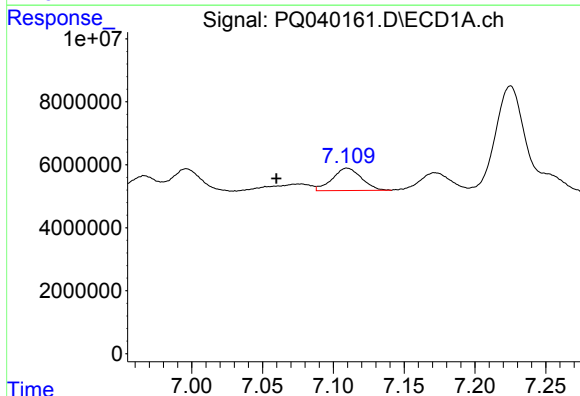
R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



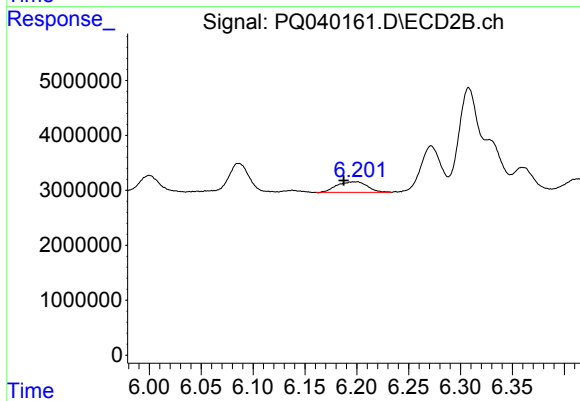
#15 AR-1232-5

R.T.: 6.752 min
Delta R.T.: 0.023 min
Response: 6619656
Conc: 219.89 ng/ml



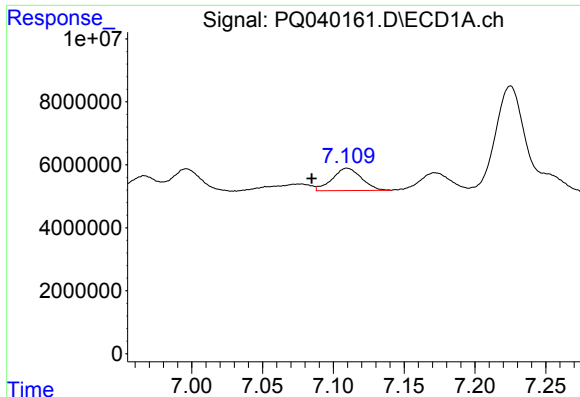
#16 AR-1242-1

R.T.: 7.110 min
Delta R.T.: 0.050 min
Response: 10207876
Conc: 105.28 ng/ml



#16 AR-1242-1

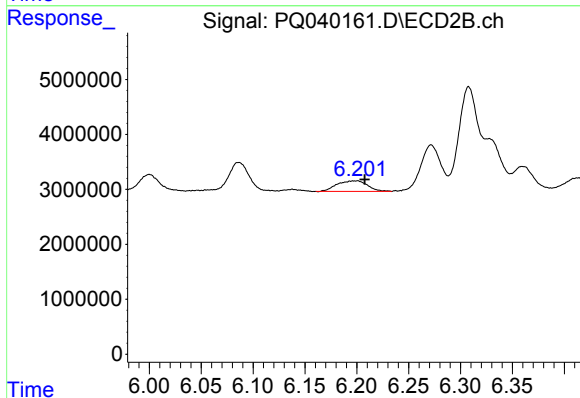
R.T.: 6.198 min
Delta R.T.: 0.011 min
Response: 3954472
Conc: 53.48 ng/ml



#17 AR-1242-2

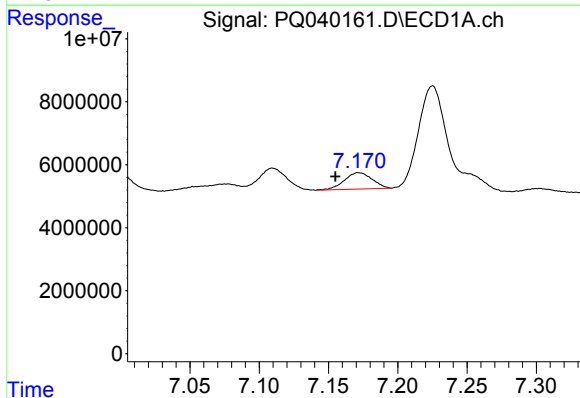
R.T.: 7.110 min
Delta R.T.: 0.025 min
Response: 10207876
Conc: 70.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



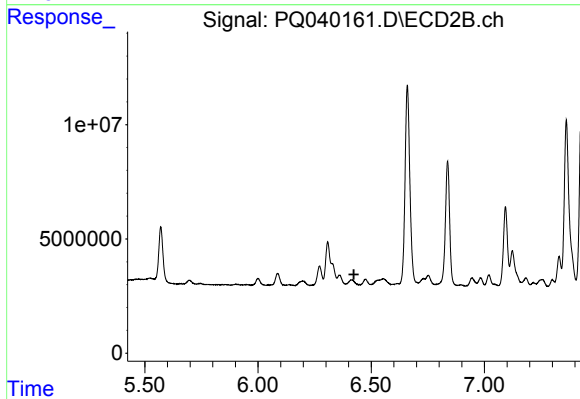
#17 AR-1242-2

R.T.: 6.198 min
Delta R.T.: -0.009 min
Response: 3954472
Conc: 37.15 ng/ml



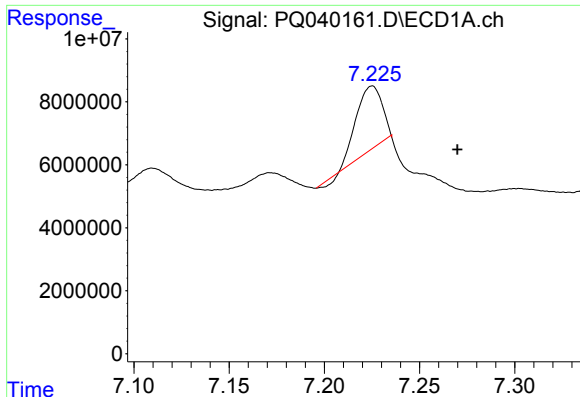
#18 AR-1242-3

R.T.: 7.172 min
Delta R.T.: 0.017 min
Response: 7328872
Conc: 78.73 ng/ml



#18 AR-1242-3

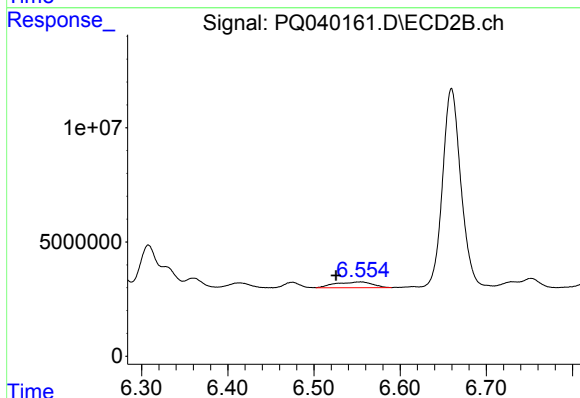
R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: -2575746
Conc: N.D.



#19 AR-1242-4

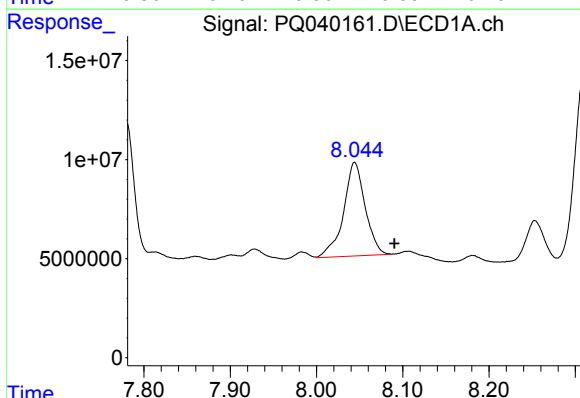
R.T.: 7.225 min
Delta R.T.: -0.045 min
Response: 18514904
Conc: 246.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



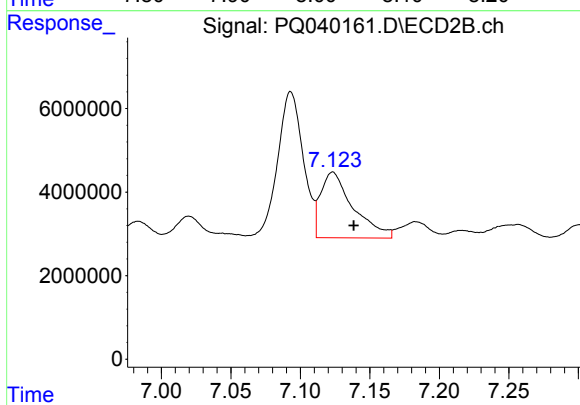
#19 AR-1242-4

R.T.: 6.553 min
Delta R.T.: 0.028 min
Response: 7462428
Conc: 125.21 ng/ml



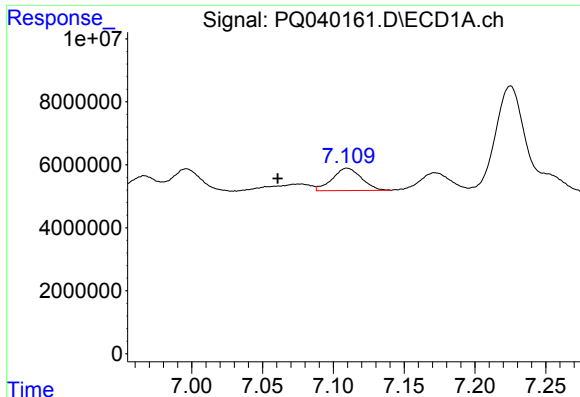
#20 AR-1242-5

R.T.: 8.044 min
Delta R.T.: -0.046 min
Response: 82323704
Conc: 949.59 ng/ml



#20 AR-1242-5

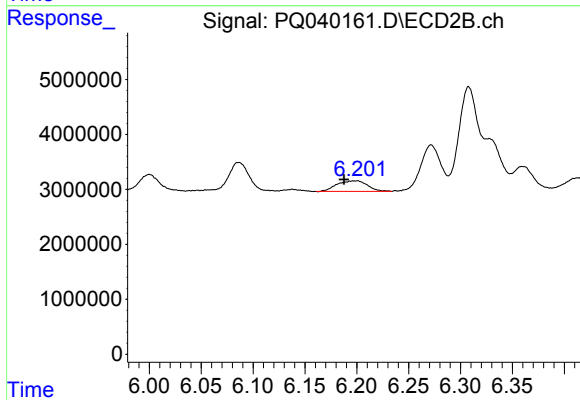
R.T.: 7.123 min
Delta R.T.: -0.015 min
Response: 25553338
Conc: 317.08 ng/ml



#21 AR-1248-1

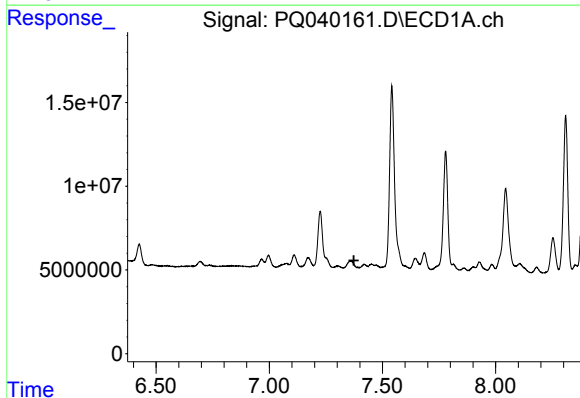
R.T.: 7.110 min
Delta R.T.: 0.049 min
Response: 10207876
Conc: 131.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



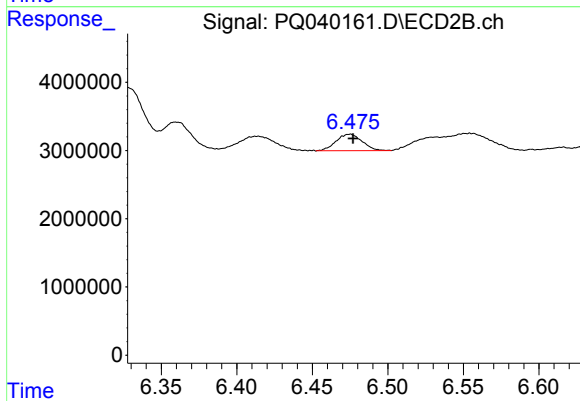
#21 AR-1248-1

R.T.: 6.198 min
Delta R.T.: 0.010 min
Response: 3954472
Conc: 68.63 ng/ml



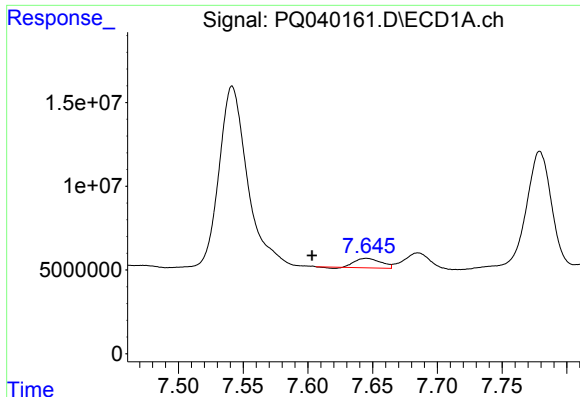
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 7.374 min
Response: 0
Conc: N.D.



#22 AR-1248-2

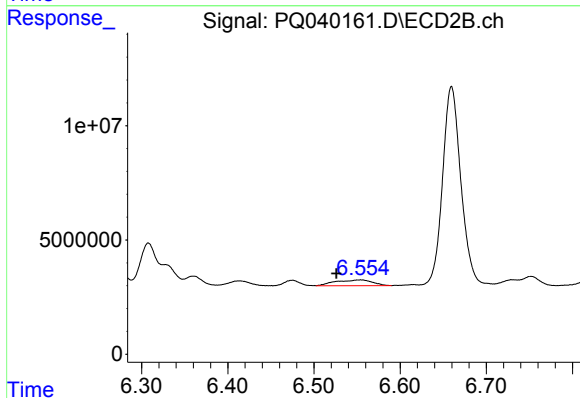
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 2919733
Conc: 33.21 ng/ml



#23 AR-1248-3

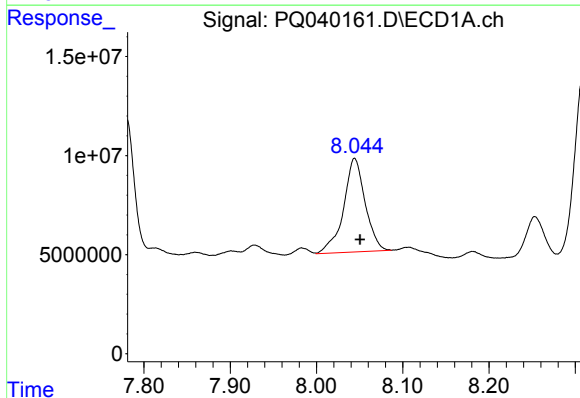
R.T.: 7.645 min
Delta R.T.: 0.042 min
Response: 7727650
Conc: 55.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



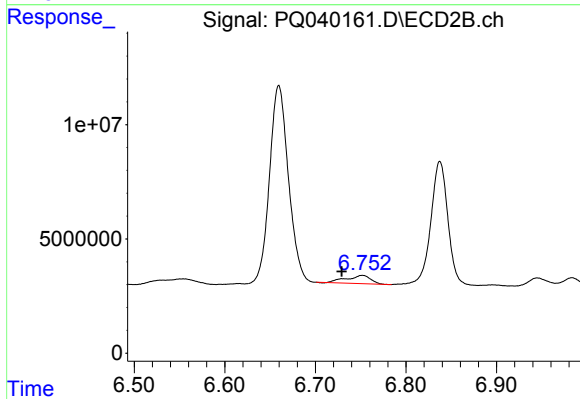
#23 AR-1248-3

R.T.: 6.553 min
Delta R.T.: 0.027 min
Response: 7462428
Conc: 82.47 ng/ml



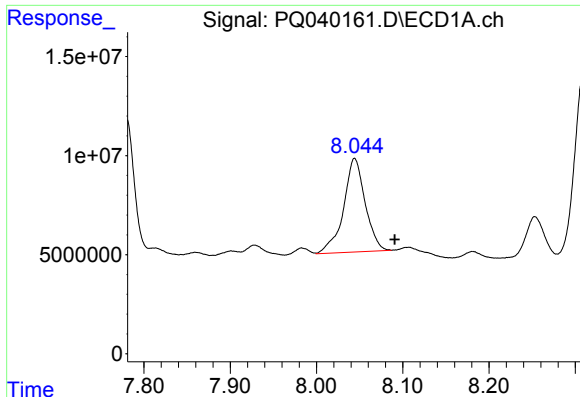
#24 AR-1248-4

R.T.: 8.044 min
Delta R.T.: -0.006 min
Response: 82323704
Conc: 545.30 ng/ml



#24 AR-1248-4

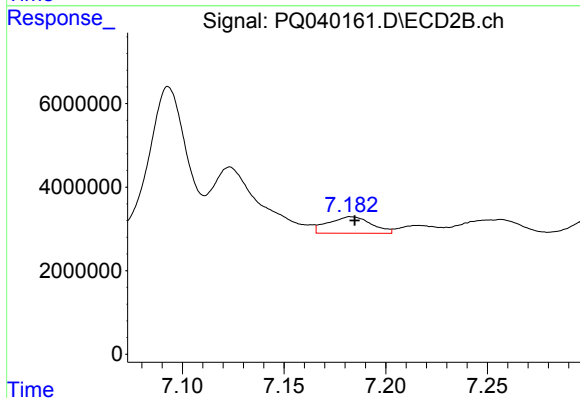
R.T.: 6.752 min
Delta R.T.: 0.023 min
Response: 6619656
Conc: 59.94 ng/ml



#25 AR-1248-5

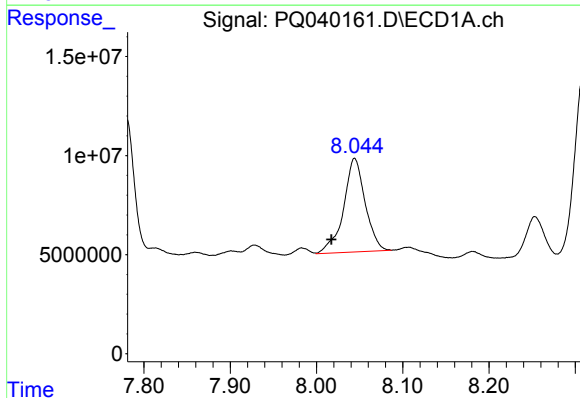
R.T.: 8.044 min
Delta R.T.: -0.047 min
Response: 82323704
Conc: 546.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



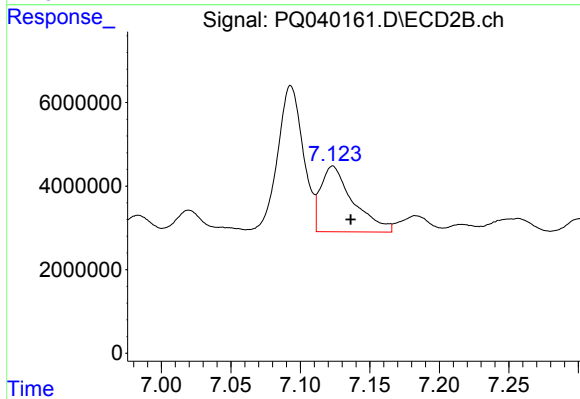
#25 AR-1248-5

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 5843219
Conc: 51.47 ng/ml



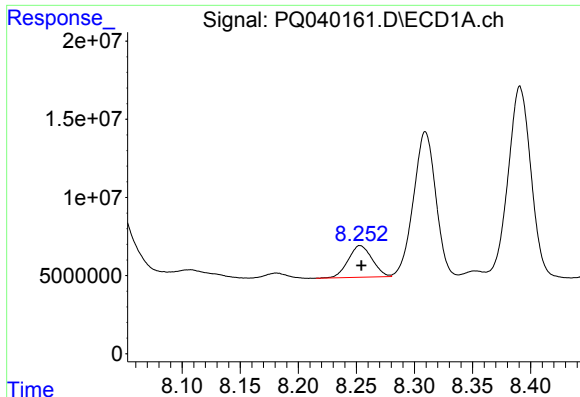
#26 AR-1254-1

R.T.: 8.044 min
Delta R.T.: 0.027 min
Response: 82323704
Conc: 472.06 ng/ml



#26 AR-1254-1

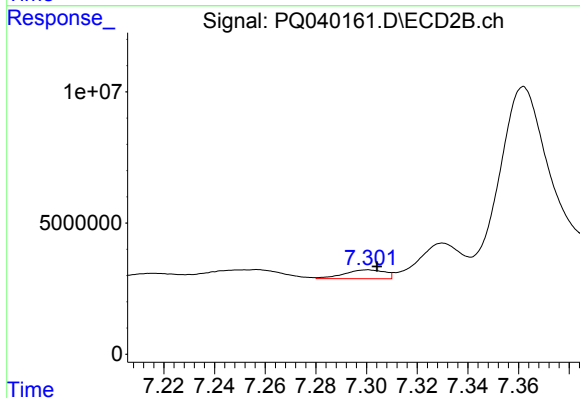
R.T.: 7.123 min
Delta R.T.: -0.013 min
Response: 25553338
Conc: 133.41 ng/ml



#27 AR-1254-2

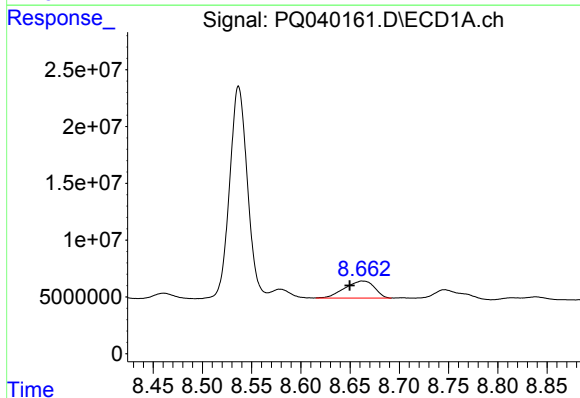
R.T.: 8.253 min
Delta R.T.: -0.001 min
Response: 29160841
Conc: 105.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM8



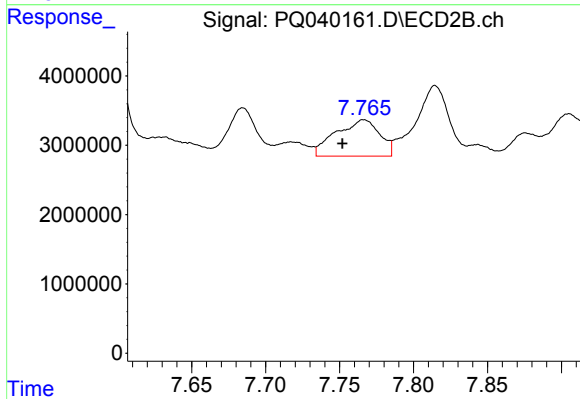
#27 AR-1254-2

R.T.: 7.301 min
Delta R.T.: -0.003 min
Response: 3753611
Conc: 21.61 ng/ml



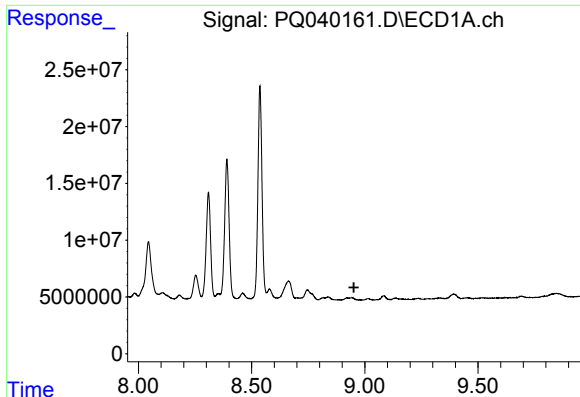
#28 AR-1254-3

R.T.: 8.662 min
Delta R.T.: 0.013 min
Response: 31616962
Conc: 106.53 ng/ml



#28 AR-1254-3

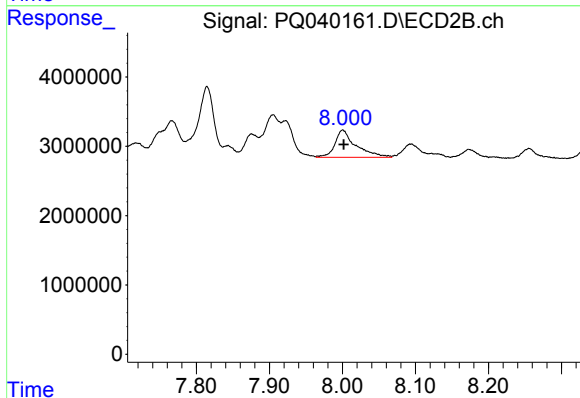
R.T.: 7.766 min
Delta R.T.: 0.014 min
Response: 10838455
Conc: 37.51 ng/ml



#29 AR-1254-4

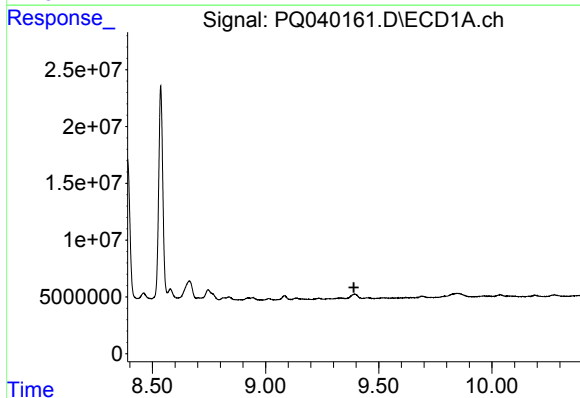
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



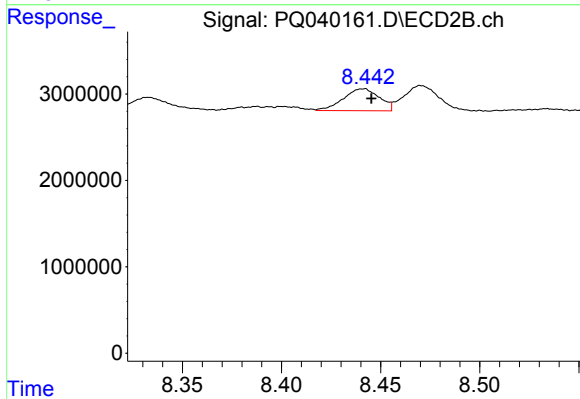
#29 AR-1254-4

R.T.: 8.001 min
Delta R.T.: -0.001 min
Response: 7845443
Conc: 43.94 ng/ml



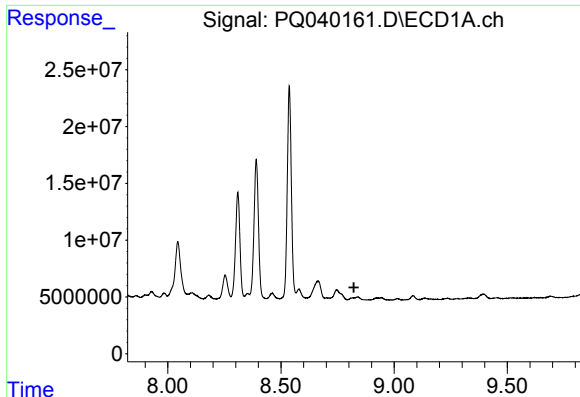
#30 AR-1254-5

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



#30 AR-1254-5

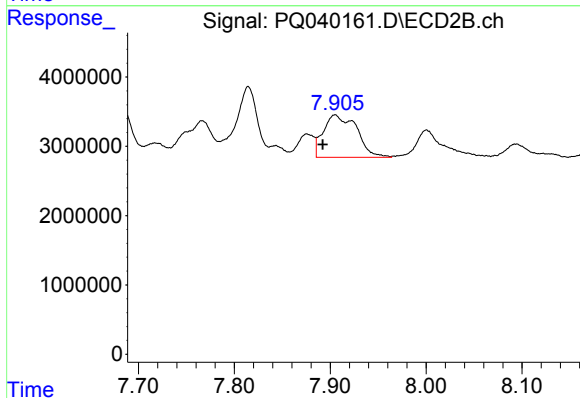
R.T.: 8.441 min
Delta R.T.: -0.004 min
Response: 3214430
Conc: 12.48 ng/ml



#31 AR-1260-1

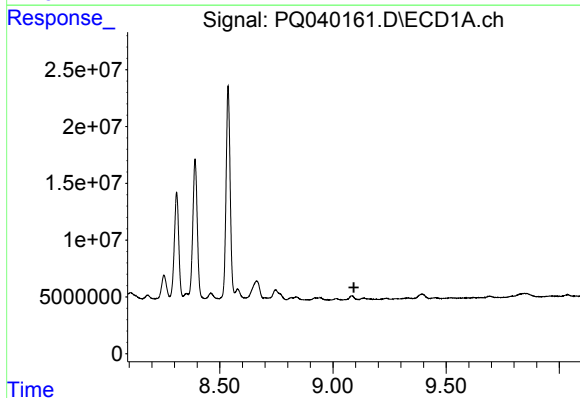
R.T.: 0.000 min
Exp R.T.: 8.822 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



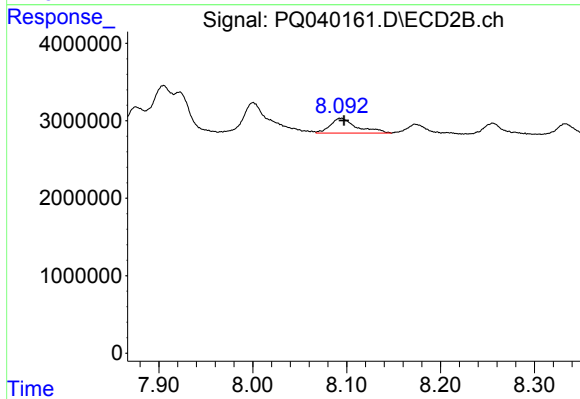
#31 AR-1260-1

R.T.: 7.905 min
Delta R.T.: 0.013 min
Response: 14838763
Conc: 54.13 ng/ml



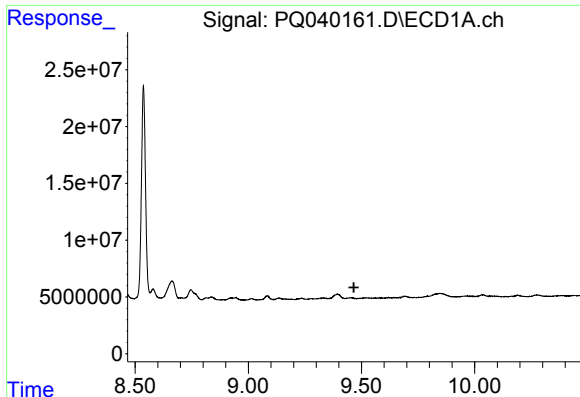
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.



#32 AR-1260-2

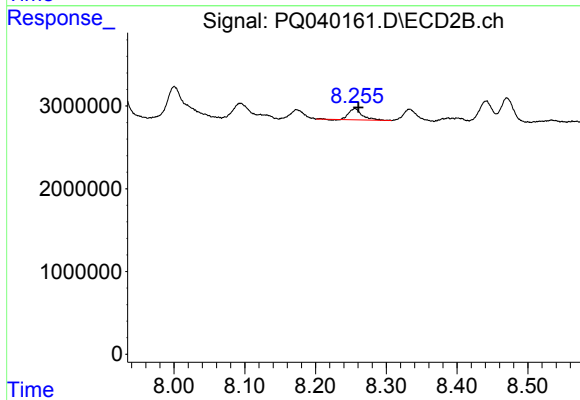
R.T.: 8.094 min
Delta R.T.: -0.003 min
Response: 3769350
Conc: 10.90 ng/ml



#33 AR-1260-3

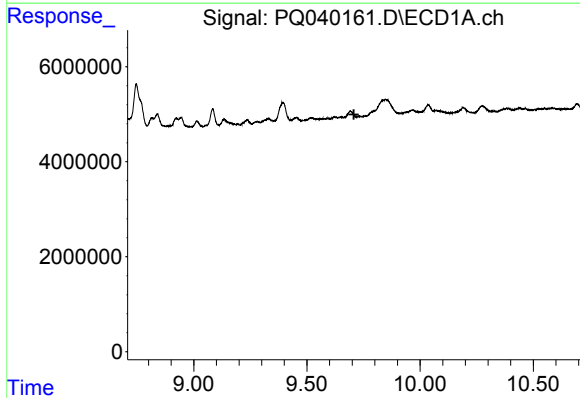
R.T.: 0.000 min
Exp R.T.: 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



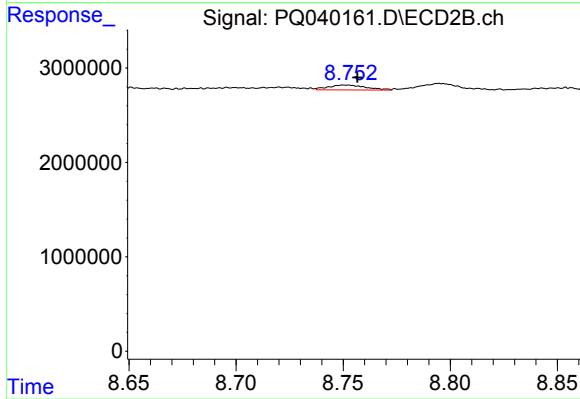
#33 AR-1260-3

R.T.: 8.255 min
Delta R.T.: -0.005 min
Response: 1769826
Conc: 5.52 ng/ml



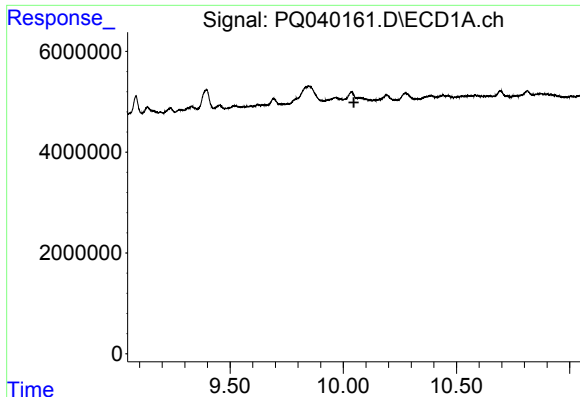
#34 AR-1260-4

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



#34 AR-1260-4

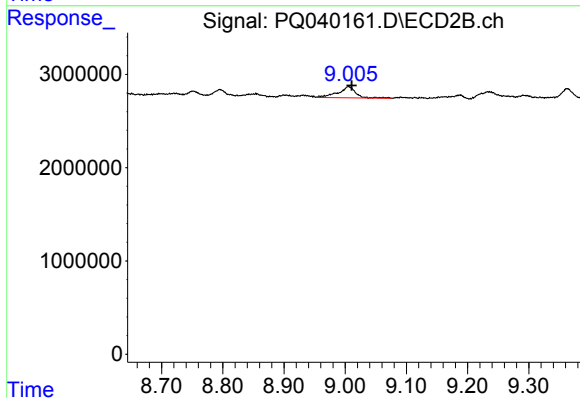
R.T.: 8.751 min
Delta R.T.: -0.005 min
Response: 640176
Conc: 2.36 ng/ml



#35 AR-1260-5

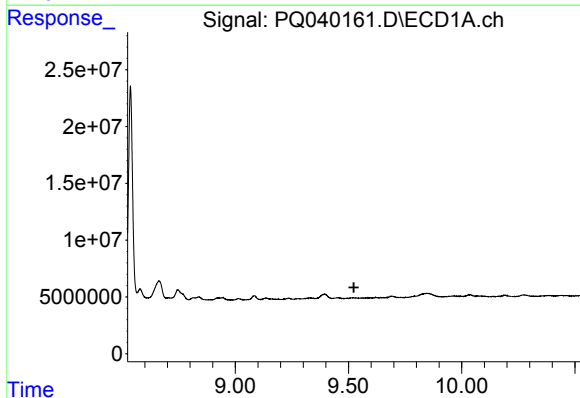
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



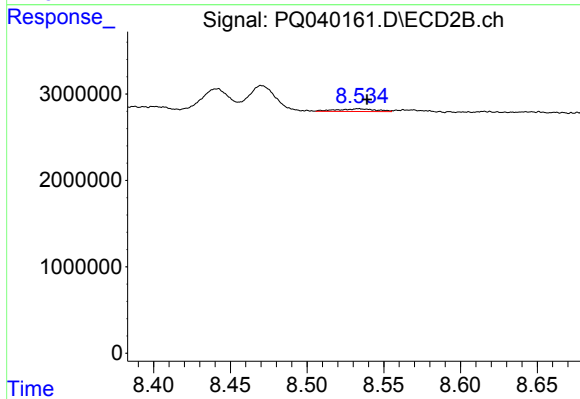
#35 AR-1260-5

R.T.: 9.006 min
Delta R.T.: -0.005 min
Response: 2420382
Conc: 3.60 ng/ml



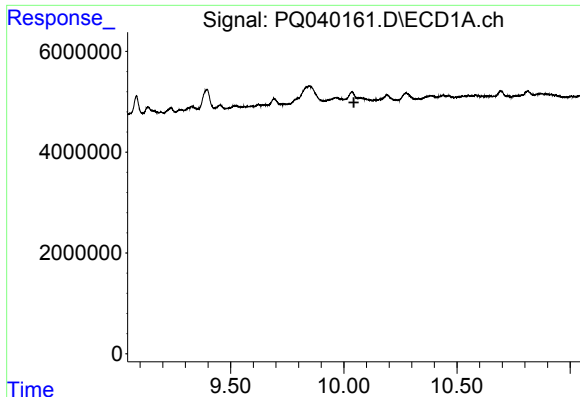
#36 AR-1262-1

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



#36 AR-1262-1

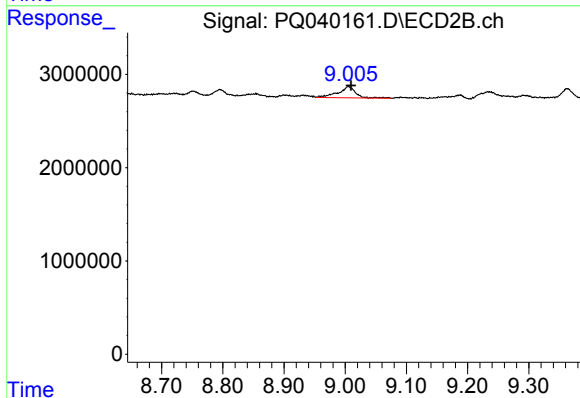
R.T.: 8.534 min
Delta R.T.: -0.005 min
Response: 548798
Conc: 4.83 ng/ml



#37 AR-1262-2

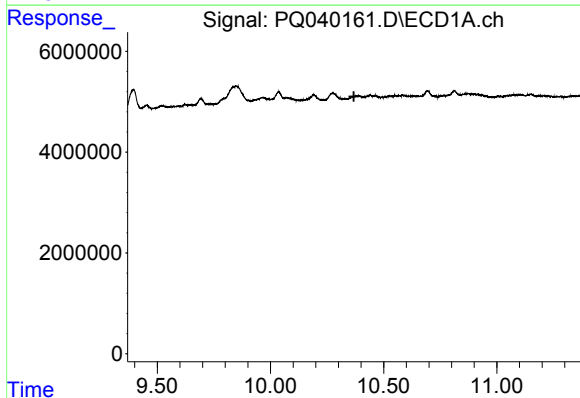
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



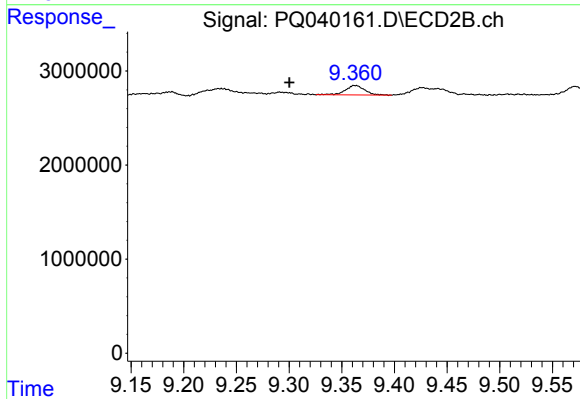
#37 AR-1262-2

R.T.: 9.006 min
Delta R.T.: -0.004 min
Response: 2420382
Conc: 4.88 ng/ml



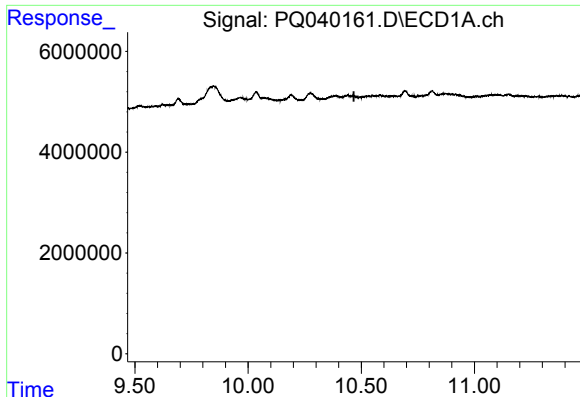
#38 AR-1262-3

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



#38 AR-1262-3

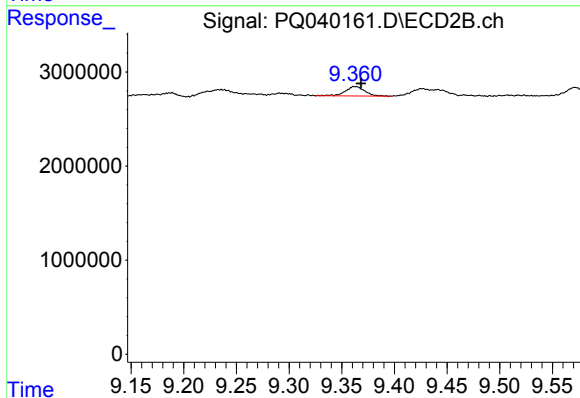
R.T.: 9.363 min
Delta R.T.: 0.063 min
Response: 1287543
Conc: 6.12 ng/ml



#39 AR-1262-4

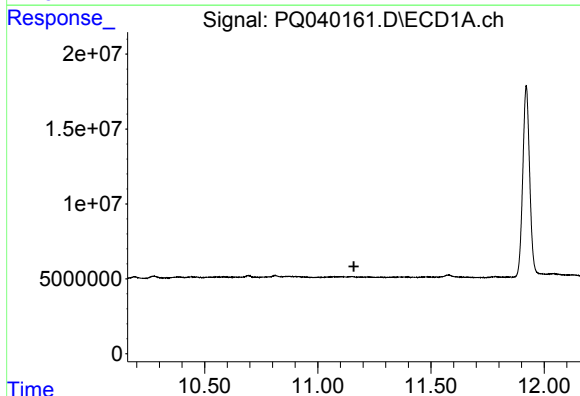
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



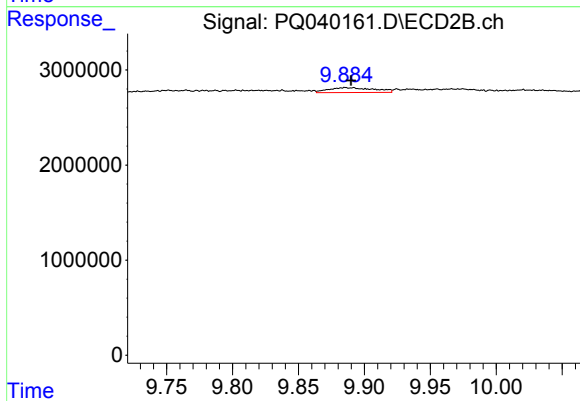
#39 AR-1262-4

R.T.: 9.363 min
Delta R.T.: -0.005 min
Response: 1287543
Conc: 3.40 ng/ml



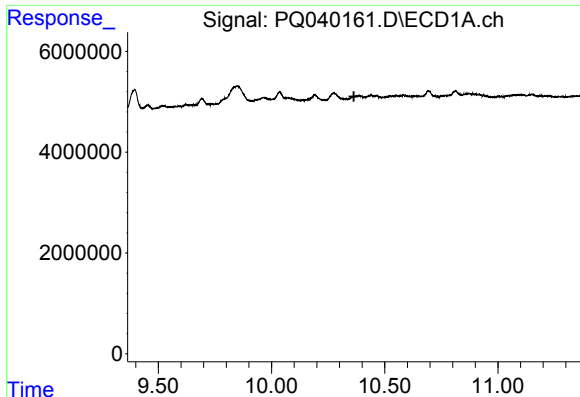
#40 AR-1262-5

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



#40 AR-1262-5

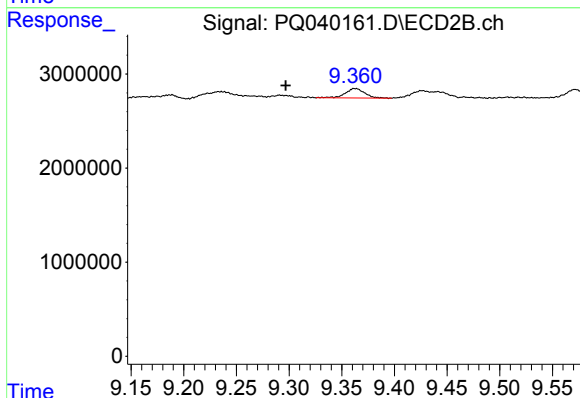
R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 1236535
Conc: 7.63 ng/ml



#41 AR-1268-1

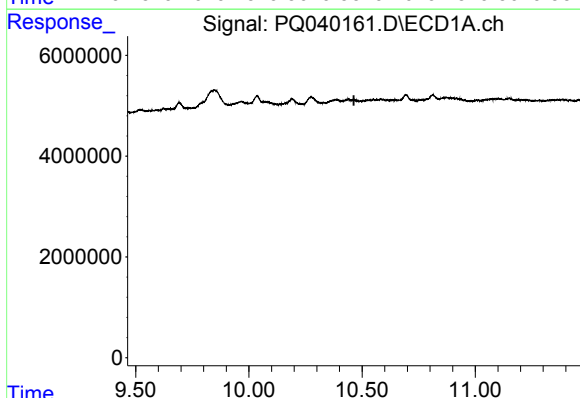
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



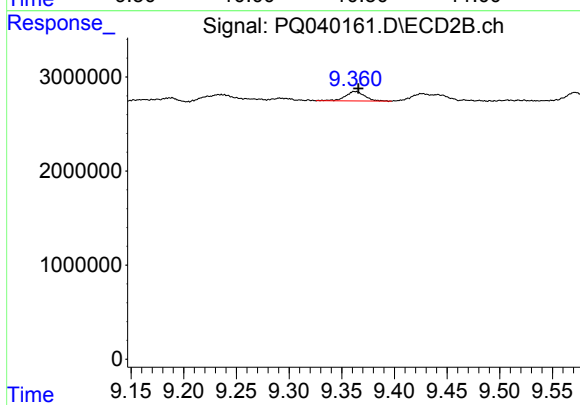
#41 AR-1268-1

R.T.: 9.363 min
Delta R.T.: 0.066 min
Response: 1287543
Conc: 2.82 ng/ml



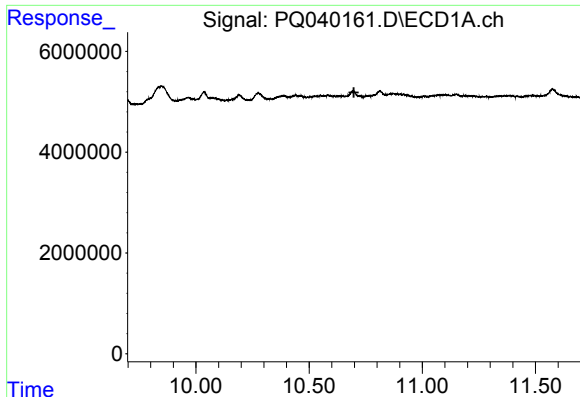
#42 AR-1268-2

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



#42 AR-1268-2

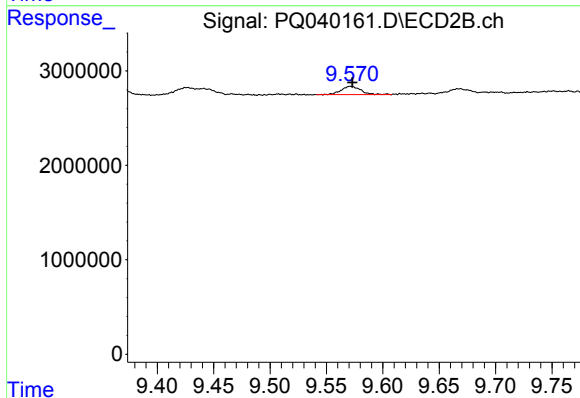
R.T.: 9.363 min
Delta R.T.: -0.003 min
Response: 1287543
Conc: 2.95 ng/ml



#43 AR-1268-3

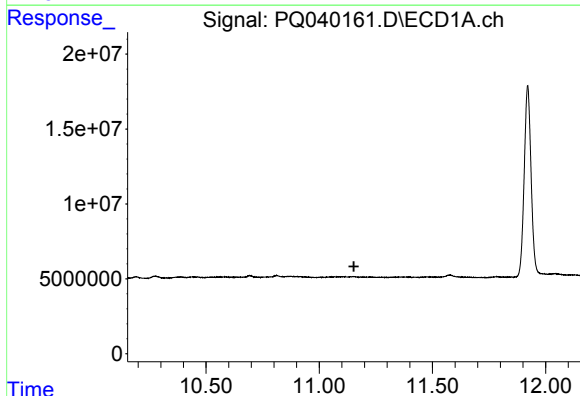
R.T.: 0.000 min
Exp R.T.: 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM8



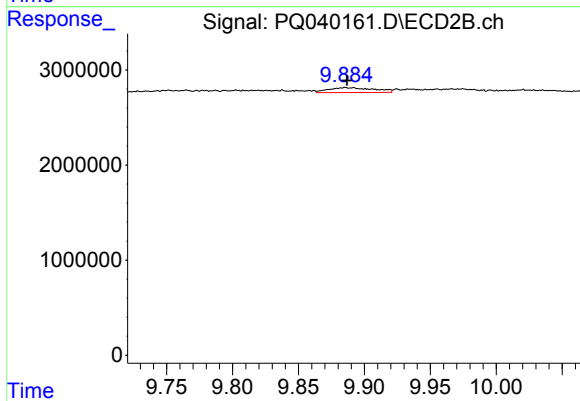
#43 AR-1268-3

R.T.: 9.572 min
Delta R.T.: -0.001 min
Response: 1079878
Conc: 2.88 ng/ml



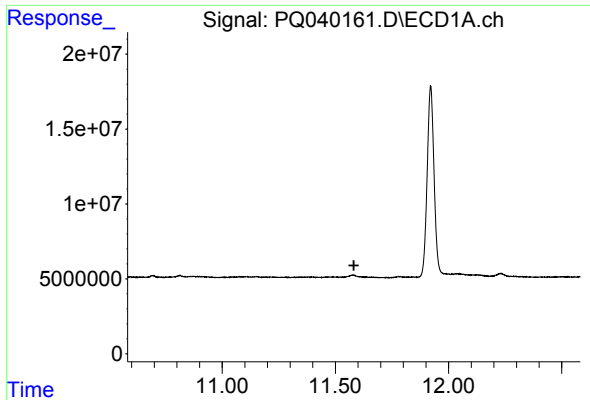
#44 AR-1268-4

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



#44 AR-1268-4

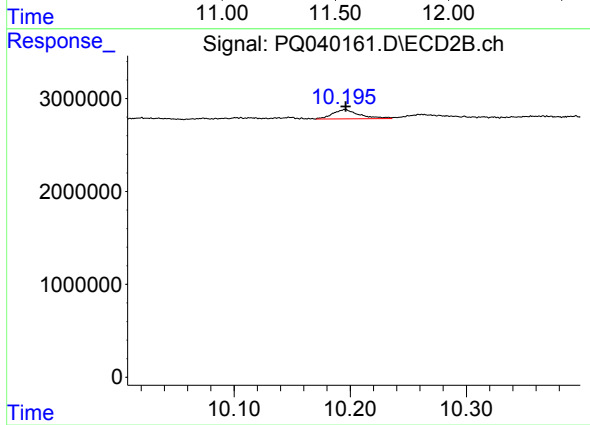
R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 1236535
Conc: 8.97 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
ETMM8



#45 AR-1268-5

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 1567434
Conc: 1.33 ng/ml