

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
 Data File : PQ040160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2019 00:28
 Operator : SM\AJ
 Sample : K3020-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:19:30 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...	5.604	4.737	71419545	43189377	21.801	20.109
2)	SA Decachlor...	11.922	10.463	156.8E6	78242061	21.951	18.817
Target Compounds							
3)	L1 AR-1016-1	7.111	6.197	11257126	5553882	67.290	43.296 #
4)	L1 AR-1016-2	7.111	6.197	11257126	5553882	42.819	28.775 #
5)	L1 AR-1016-3	7.171	6.409	18663475	-7330051	109.349	N.D. #
6)	L1 AR-1016-4	7.224	6.475	39630956	2590260	286.716	30.420 #
7)	L1 AR-1016-5	7.646	6.751	12819309	7552740	92.408	65.596 #
8)	L2 AR-1221-1	0.000	5.035	0	546051	N.D.	22.282 #
9)	L2 AR-1221-2	0.000	5.157	0	1720586	N.D.	105.637 #
10)	L2 AR-1221-3	0.000	5.256	0	302137	N.D.	4.969 #
11)	L3 AR-1232-1	0.000	5.256	0	302137	N.D.	6.594 #
12)	L3 AR-1232-2	0.000	6.197	0	5553882	N.D.	92.586 #
14)	L3 AR-1232-4	7.224	6.548	39630956	9985558	948.145	337.941 #
15)	L3 AR-1232-5	7.357	6.751	11946216	7552740	376.942	250.885 #
16)	L4 AR-1242-1	7.111	6.197	11257126	5553882	116.106	75.105 #
17)	L4 AR-1242-2	7.111	6.197	11257126	5553882	77.894	52.169 #
18)	L4 AR-1242-3	7.171	6.409	18663475	-7330051	200.487	N.D. #
19)	L4 AR-1242-4	7.224	6.548	39630956	9985558	526.933	167.542 #
20)	L4 AR-1242-5	8.043	7.124	140.9E6	37288828	1625.013	462.707 #
21)	L5 AR-1248-1	7.111	6.197	11257126	5553882	145.436	96.382 #
22)	L5 AR-1248-2	7.357	6.475	11946216	2590260	106.064	29.462 #
23)	L5 AR-1248-3	7.646	6.548	12819309	9985558	92.875	110.358
24)	L5 AR-1248-4	8.043	6.751	140.9E6	7552740	933.156	68.394 #
25)	L5 AR-1248-5	8.043	7.183	140.9E6	10538770	935.704	92.824 #
26)	L6 AR-1254-1	8.043	7.124	140.9E6	37288828	807.815	194.683 #
27)	L6 AR-1254-2	8.254	7.330	57700280	42366567	208.641	243.864
28)	L6 AR-1254-3	8.665	7.768	81119999	23522849	273.330	81.399 #
29)	L6 AR-1254-4	0.000	8.001	0	17840832	N.D.	99.922 #
30)	L6 AR-1254-5	9.398	8.442	11482016	3974866	39.869	15.429 #
31)	L7 AR-1260-1	8.839	7.906	14483220	43377187	43.570	158.231 #
32)	L7 AR-1260-2	9.085	8.097	10501191	4747490	25.995	13.724 #
33)	L7 AR-1260-3	9.398	8.256	11482016	1874868	34.806	5.846 #
34)	L7 AR-1260-4	0.000	8.753	0	774142	N.D.	2.849 #
35)	L7 AR-1260-5	0.000	9.006	0	3401882	N.D.	5.061 #
36)	L8 AR-1262-1	0.000	8.516	0	685441	N.D.	6.037 #
37)	L8 AR-1262-2	0.000	9.006	0	3401882	N.D.	6.857 #
38)	L8 AR-1262-3	0.000	9.322	0	908894	N.D.	4.323 #
39)	L8 AR-1262-4	0.000	9.363	0	1465253	N.D.	3.870 #
40)	L8 AR-1262-5	0.000	9.887	0	833692	N.D.	5.142 #
41)	L9 AR-1268-1	0.000	9.322	0	908894	N.D.	1.992 #
42)	L9 AR-1268-2	0.000	9.363	0	1465253	N.D.	3.352 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
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 Acq On : 24 May 2019 00:28
 Operator : SM\AJ
 Sample : K3020-21
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMM7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:19:30 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
43) L9	AR-1268-3	0.000	9.573	0	619111	N.D.	1.649 #
44) L9	AR-1268-4	0.000	9.887	0	833692	N.D.	6.051 #
45) L9	AR-1268-5	0.000	10.196	0	1430863	N.D.	1.212 #

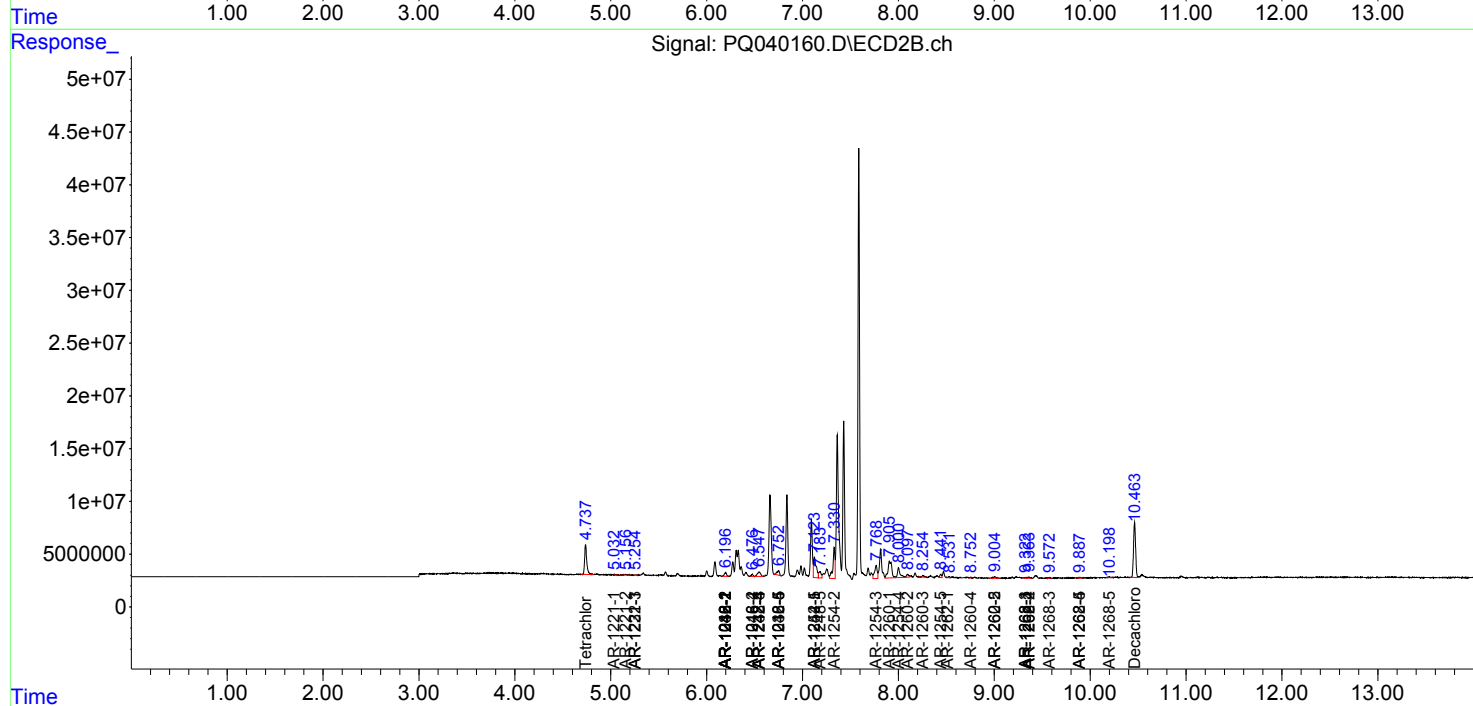
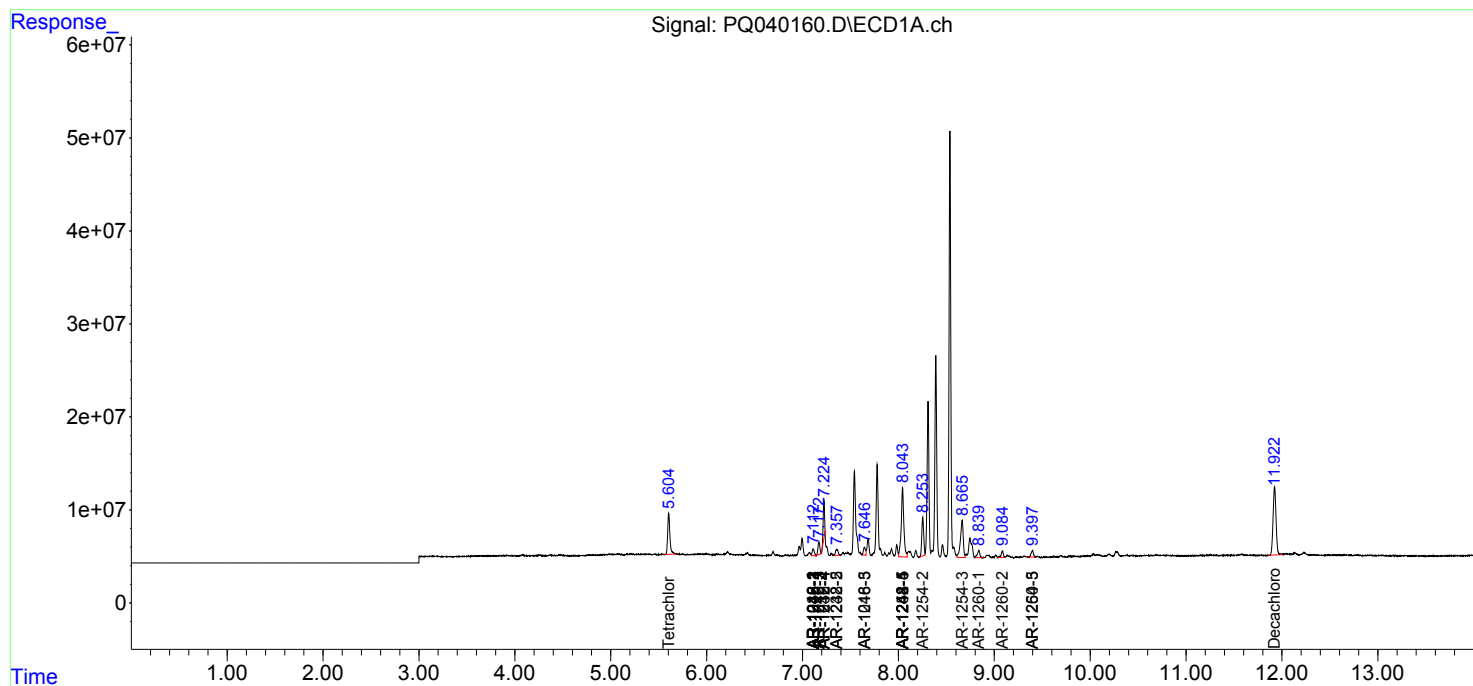
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

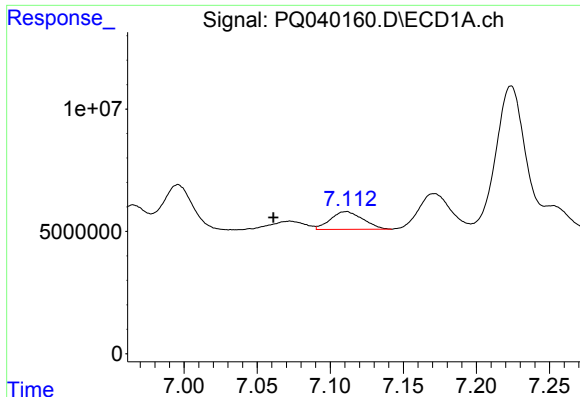
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052319\
Data File : PQ040160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2019 00:28
Operator : SM\AJ
Sample : K3020-21
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETMM7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 01:19:30 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

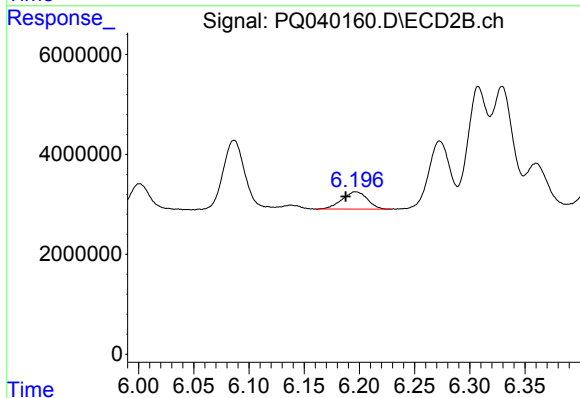




#3 AR-1016-1

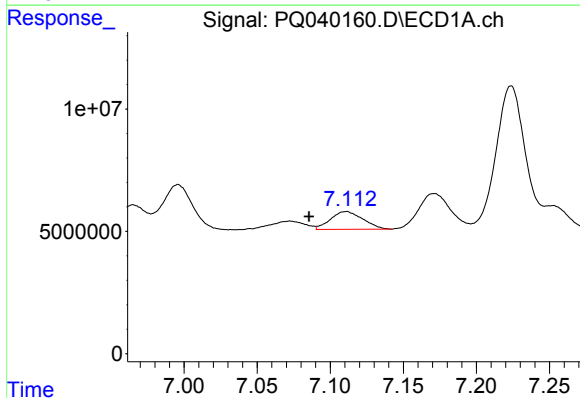
R.T.: 7.111 min
Delta R.T.: 0.050 min
Response: 11257126
Conc: 67.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



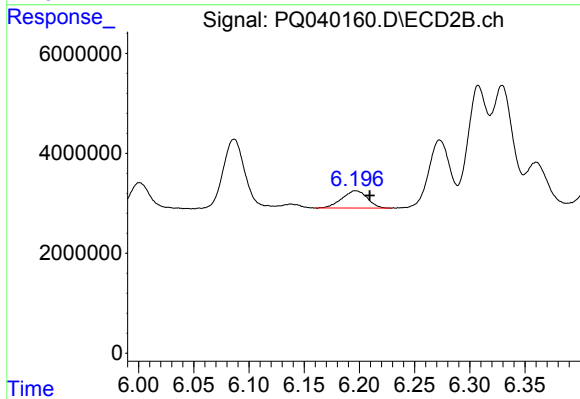
#3 AR-1016-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 5553882
Conc: 43.30 ng/ml



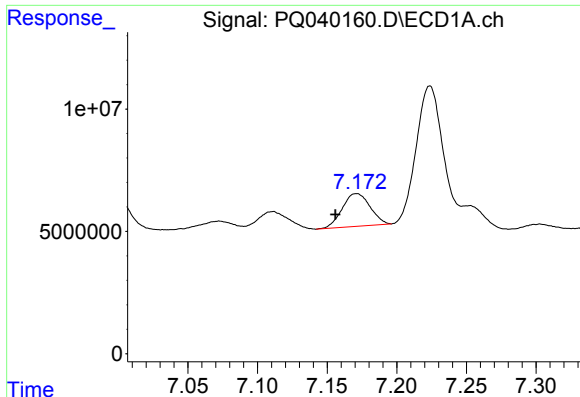
#4 AR-1016-2

R.T.: 7.111 min
Delta R.T.: 0.025 min
Response: 11257126
Conc: 42.82 ng/ml



#4 AR-1016-2

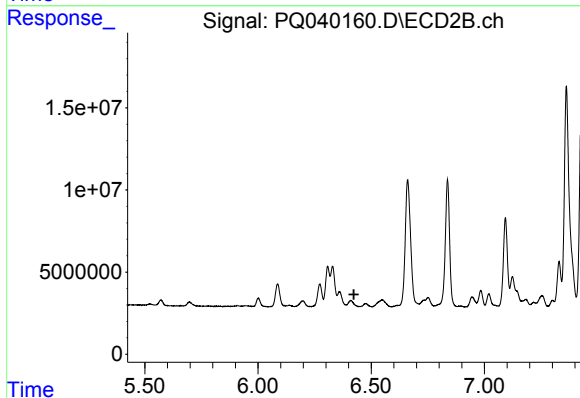
R.T.: 6.197 min
Delta R.T.: -0.012 min
Response: 5553882
Conc: 28.77 ng/ml



#5 AR-1016-3

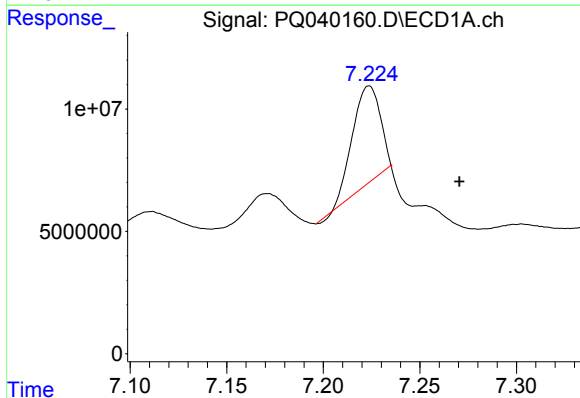
R.T.: 7.171 min
Delta R.T.: 0.015 min
Response: 18663475
Conc: 109.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



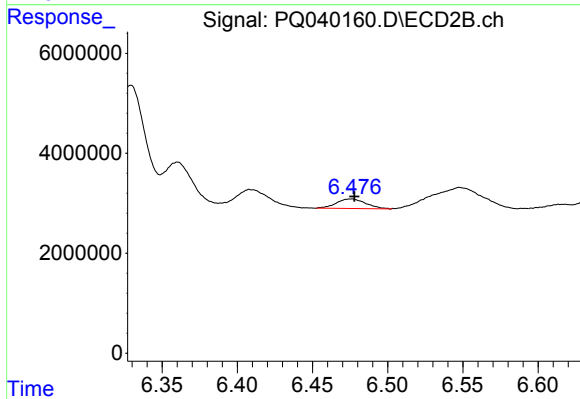
#5 AR-1016-3

R.T.: 6.409 min
Delta R.T.: -0.014 min
Response: -7330051
Conc: N.D.



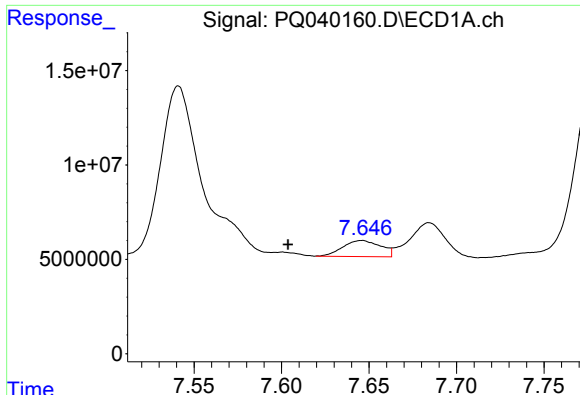
#6 AR-1016-4

R.T.: 7.224 min
Delta R.T.: -0.047 min
Response: 39630956
Conc: 286.72 ng/ml



#6 AR-1016-4

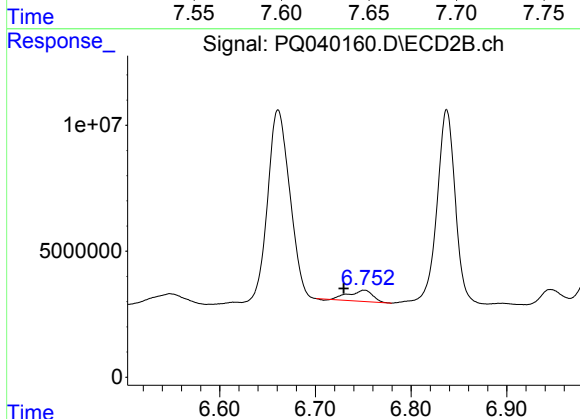
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 2590260
Conc: 30.42 ng/ml



#7 AR-1016-5

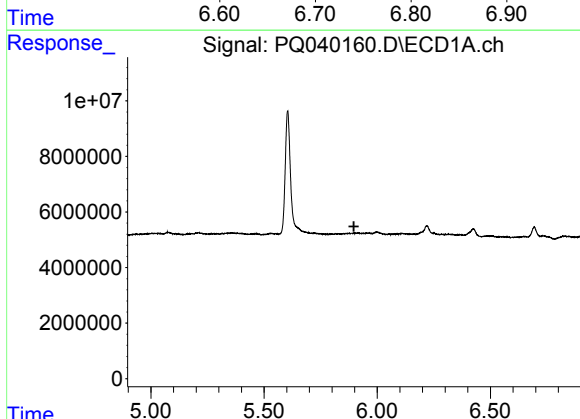
R.T.: 7.646 min
Delta R.T.: 0.042 min
Response: 12819309
Conc: 92.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



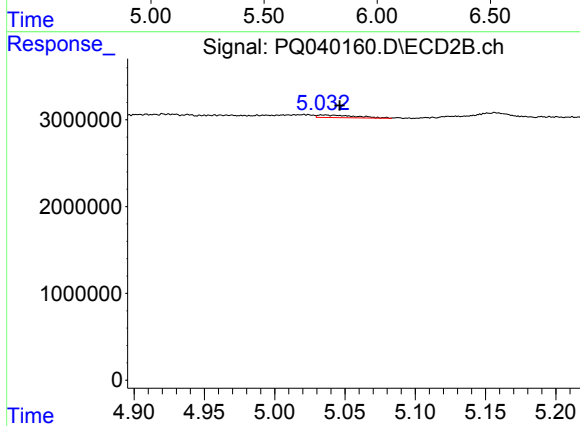
#7 AR-1016-5

R.T.: 6.751 min
Delta R.T.: 0.021 min
Response: 7552740
Conc: 65.60 ng/ml



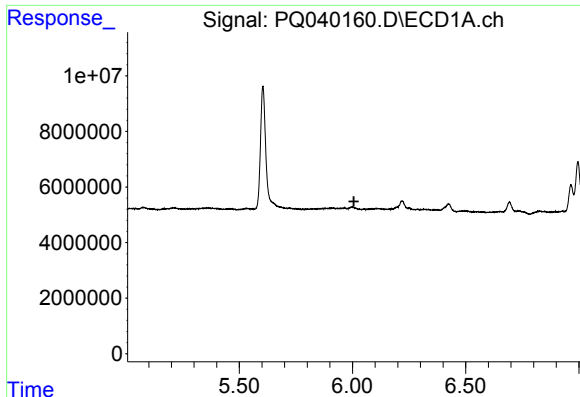
#8 AR-1221-1

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



#8 AR-1221-1

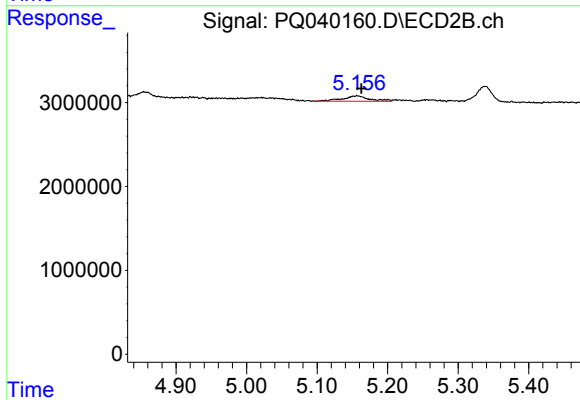
R.T.: 5.035 min
Delta R.T.: -0.011 min
Response: 546051
Conc: 22.28 ng/ml



#9 AR-1221-2

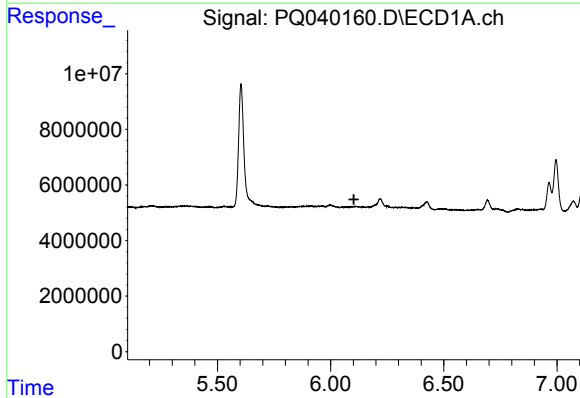
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



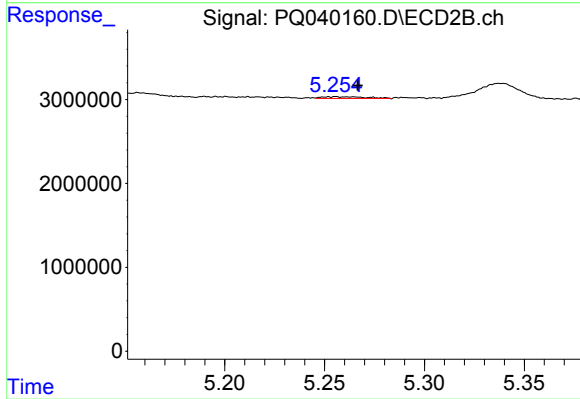
#9 AR-1221-2

R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 1720586
Conc: 105.64 ng/ml



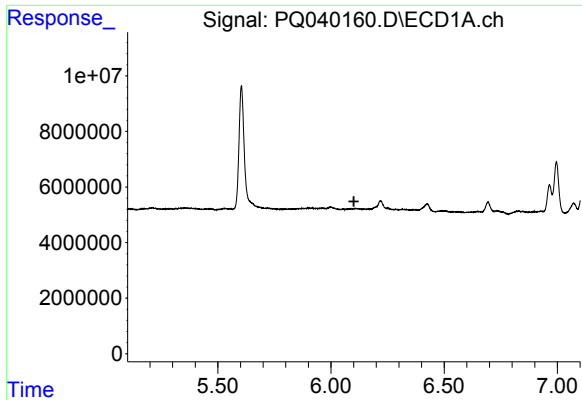
#10 AR-1221-3

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



#10 AR-1221-3

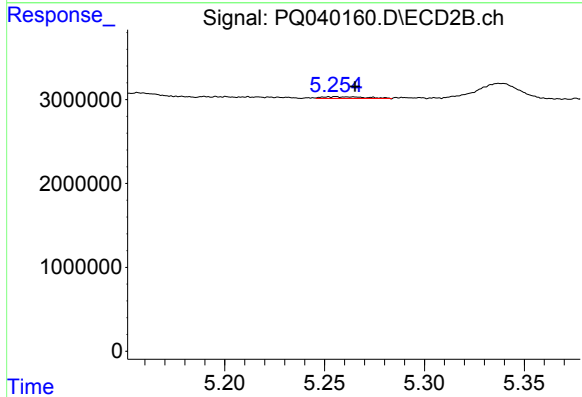
R.T.: 5.256 min
Delta R.T.: -0.011 min
Response: 302137
Conc: 4.97 ng/ml



#11 AR-1232-1

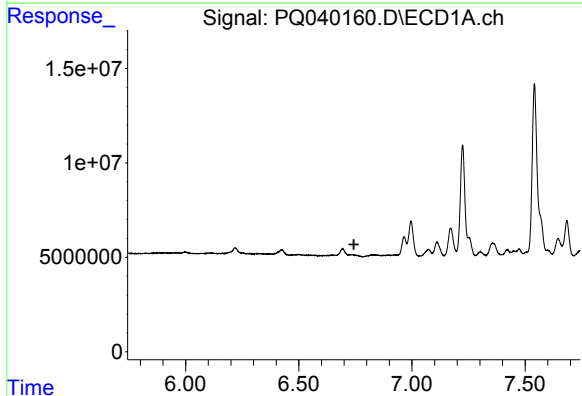
R.T.: 0.000 min
Exp R.T.: 6.101 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



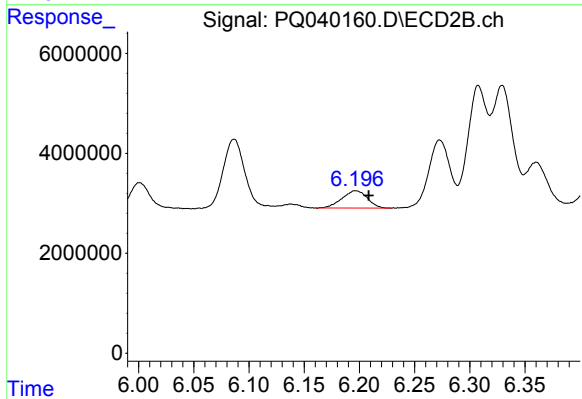
#11 AR-1232-1

R.T.: 5.256 min
Delta R.T.: -0.010 min
Response: 302137
Conc: 6.59 ng/ml



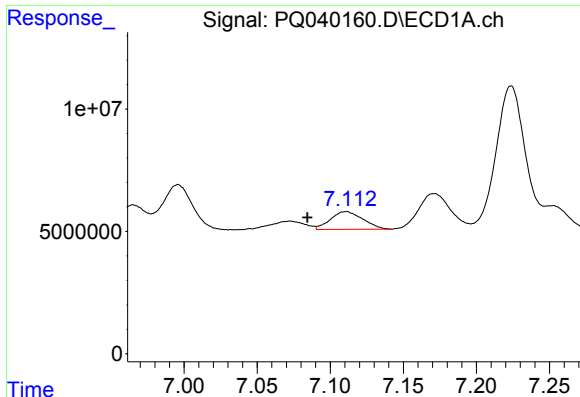
#12 AR-1232-2

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



#12 AR-1232-2

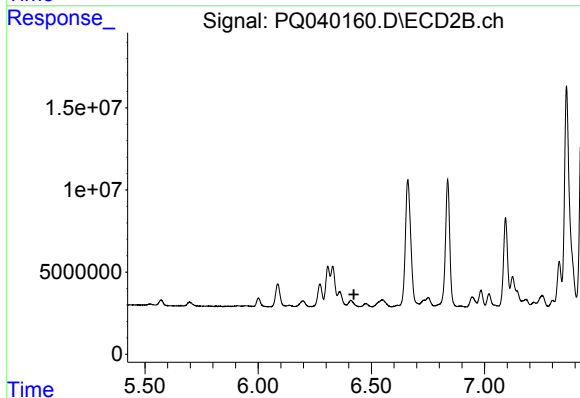
R.T.: 6.197 min
Delta R.T.: -0.011 min
Response: 5553882
Conc: 92.59 ng/ml



#13 AR-1232-3

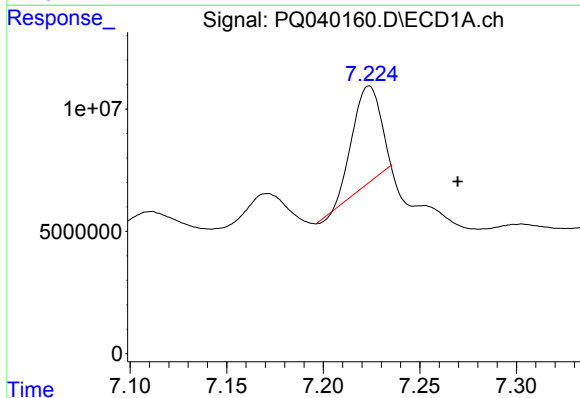
R.T.: 7.111 min
Delta R.T.: 0.027 min
Response: 11257126
Conc: 139.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



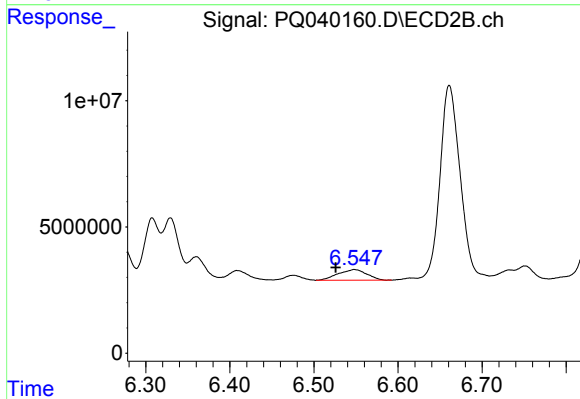
#13 AR-1232-3

R.T.: 6.409 min
Delta R.T.: -0.014 min
Response: -7330051
Conc: N.D.



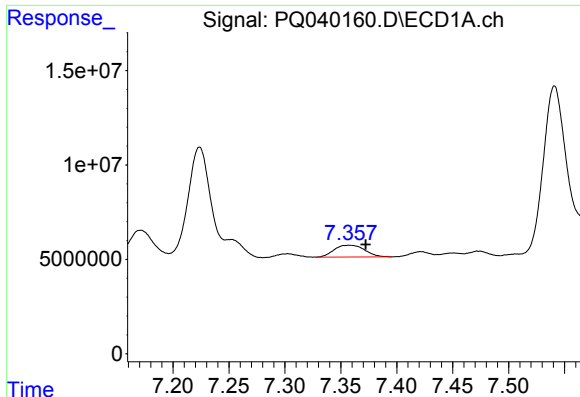
#14 AR-1232-4

R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 39630956
Conc: 948.15 ng/ml



#14 AR-1232-4

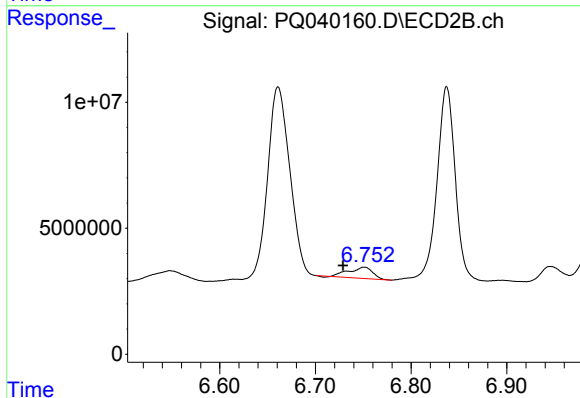
R.T.: 6.548 min
Delta R.T.: 0.023 min
Response: 9985558
Conc: 337.94 ng/ml



#15 AR-1232-5

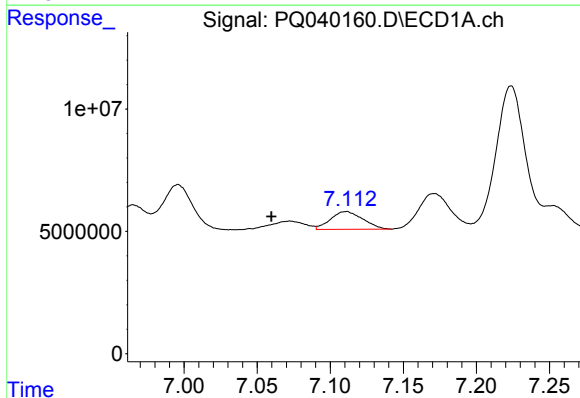
R.T.: 7.357 min
Delta R.T.: -0.015 min
Response: 11946216
Conc: 376.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



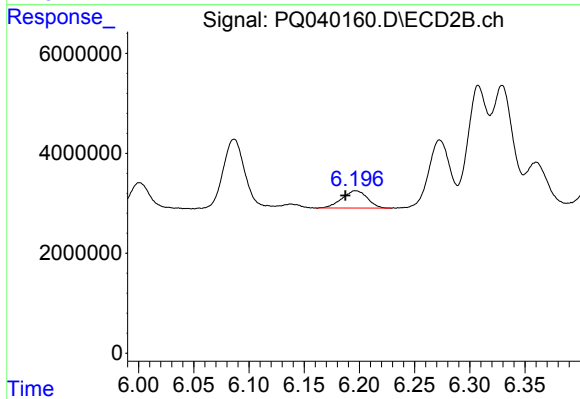
#15 AR-1232-5

R.T.: 6.751 min
Delta R.T.: 0.022 min
Response: 7552740
Conc: 250.89 ng/ml



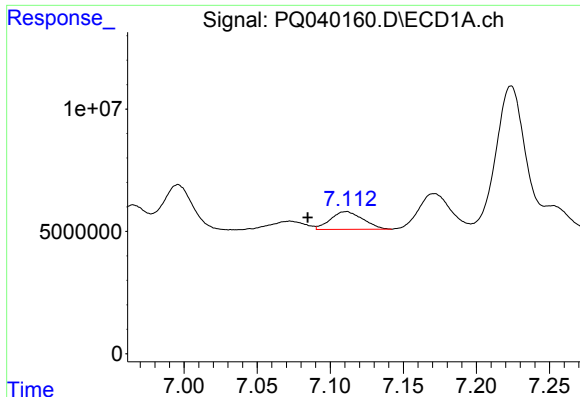
#16 AR-1242-1

R.T.: 7.111 min
Delta R.T.: 0.051 min
Response: 11257126
Conc: 116.11 ng/ml



#16 AR-1242-1

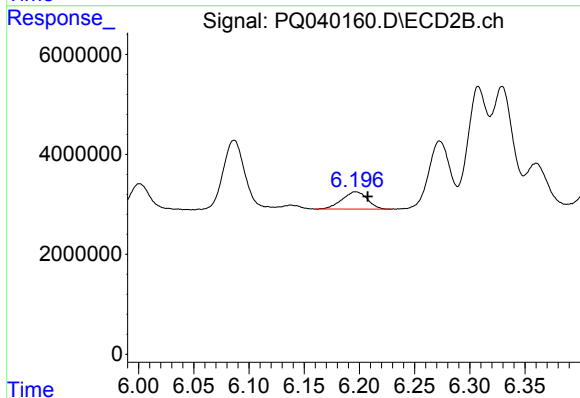
R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 5553882
Conc: 75.11 ng/ml



#17 AR-1242-2

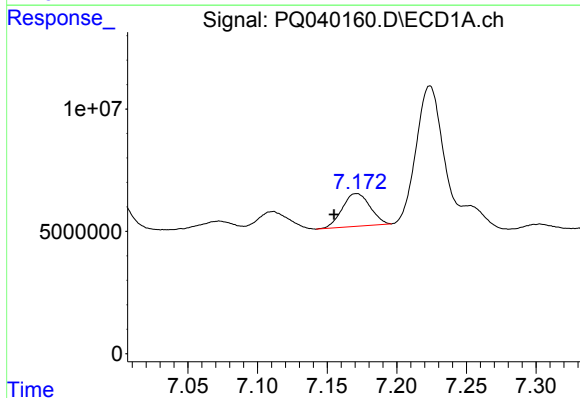
R.T.: 7.111 min
Delta R.T.: 0.026 min
Response: 11257126
Conc: 77.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



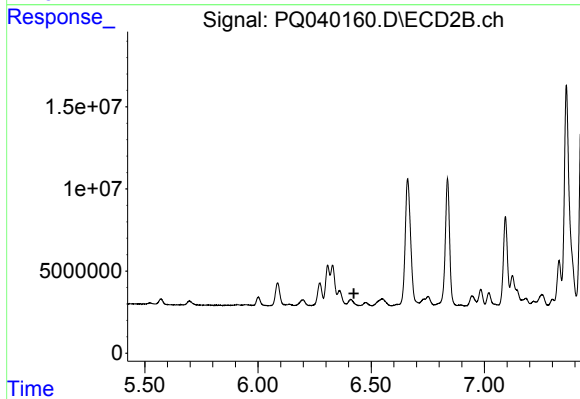
#17 AR-1242-2

R.T.: 6.197 min
Delta R.T.: -0.011 min
Response: 5553882
Conc: 52.17 ng/ml



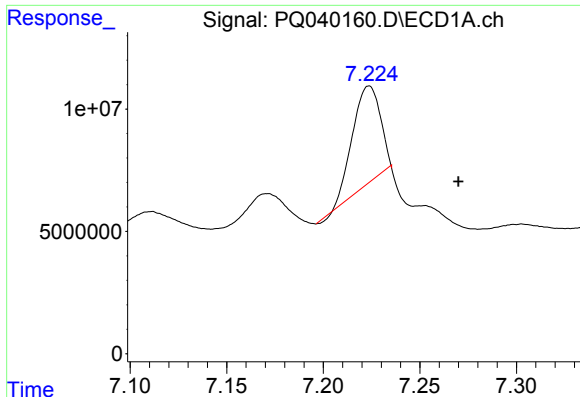
#18 AR-1242-3

R.T.: 7.171 min
Delta R.T.: 0.016 min
Response: 18663475
Conc: 200.49 ng/ml



#18 AR-1242-3

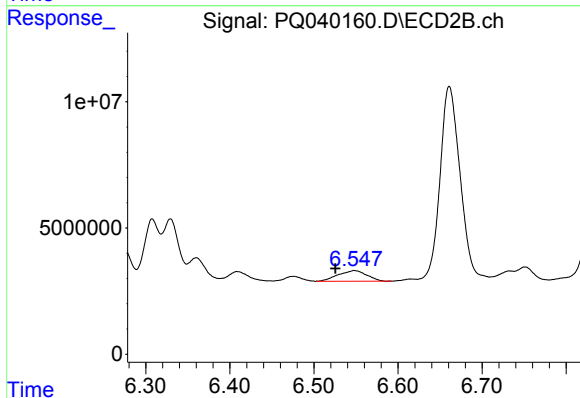
R.T.: 6.409 min
Delta R.T.: -0.014 min
Response: -7330051
Conc: N.D.



#19 AR-1242-4

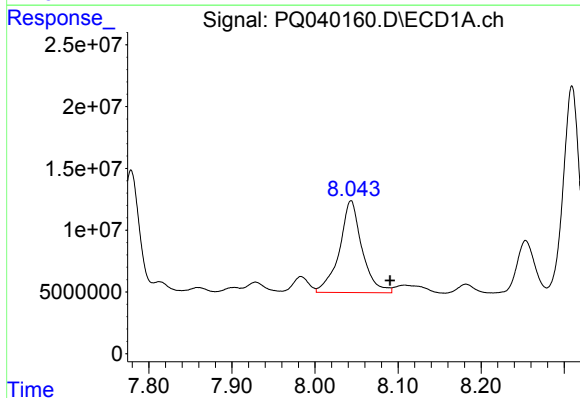
R.T.: 7.224 min
Delta R.T.: -0.046 min
Response: 39630956
Conc: 526.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



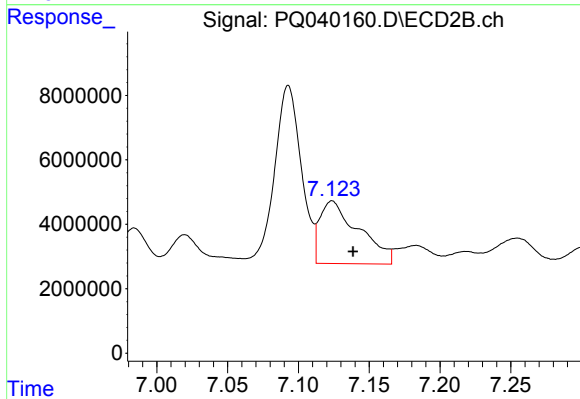
#19 AR-1242-4

R.T.: 6.548 min
Delta R.T.: 0.023 min
Response: 9985558
Conc: 167.54 ng/ml



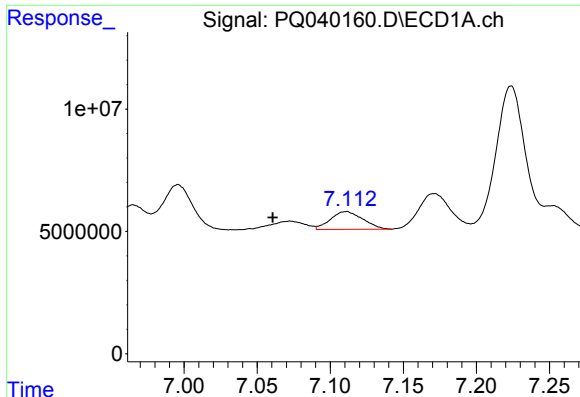
#20 AR-1242-5

R.T.: 8.043 min
Delta R.T.: -0.047 min
Response: 140878278
Conc: 1625.01 ng/ml



#20 AR-1242-5

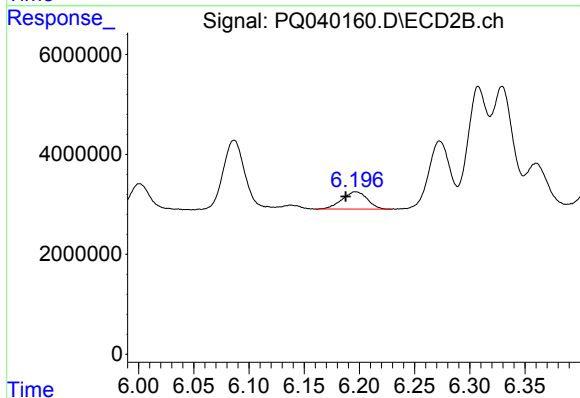
R.T.: 7.124 min
Delta R.T.: -0.015 min
Response: 37288828
Conc: 462.71 ng/ml



#21 AR-1248-1

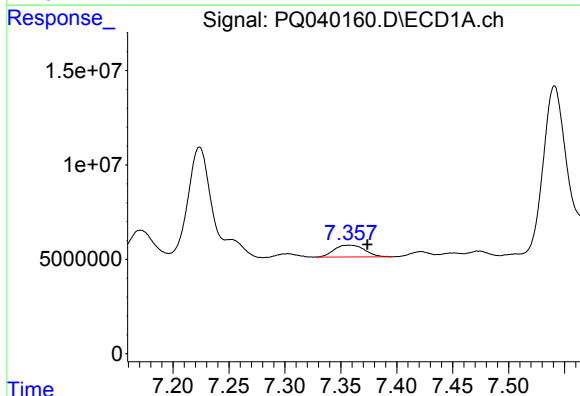
R.T.: 7.111 min
Delta R.T.: 0.050 min
Response: 11257126
Conc: 145.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



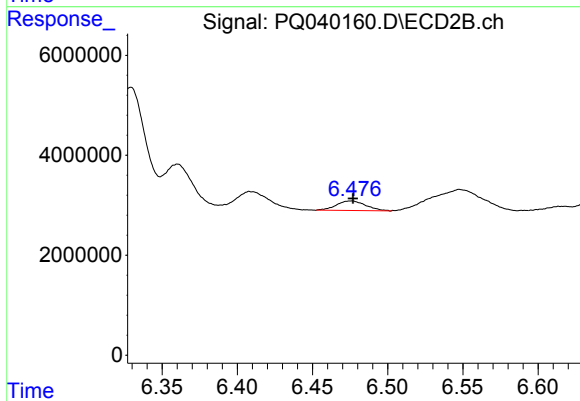
#21 AR-1248-1

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 5553882
Conc: 96.38 ng/ml



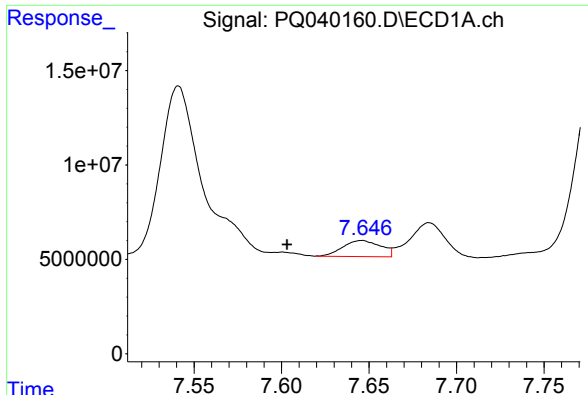
#22 AR-1248-2

R.T.: 7.357 min
Delta R.T.: -0.017 min
Response: 11946216
Conc: 106.06 ng/ml



#22 AR-1248-2

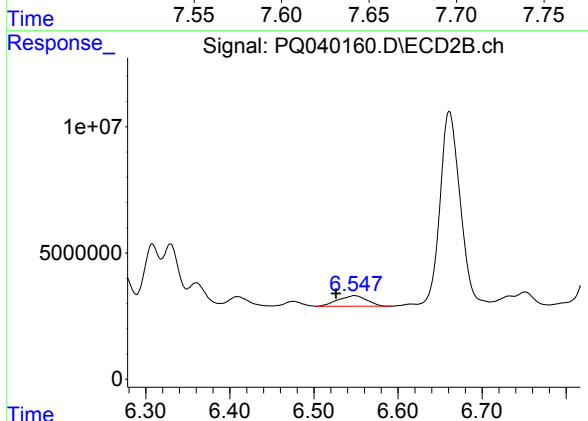
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 2590260
Conc: 29.46 ng/ml



#23 AR-1248-3

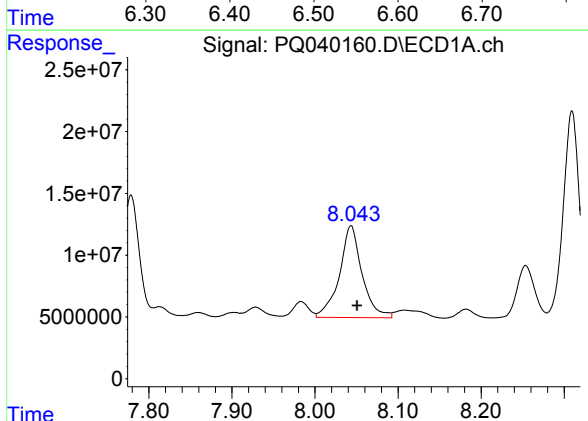
R.T.: 7.646 min
Delta R.T.: 0.043 min
Response: 12819309
Conc: 92.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



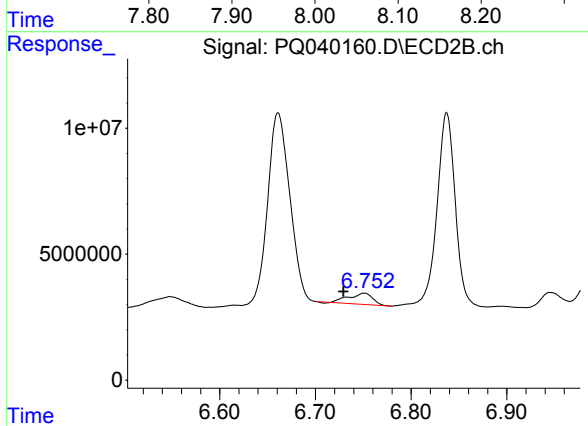
#23 AR-1248-3

R.T.: 6.548 min
Delta R.T.: 0.022 min
Response: 9985558
Conc: 110.36 ng/ml



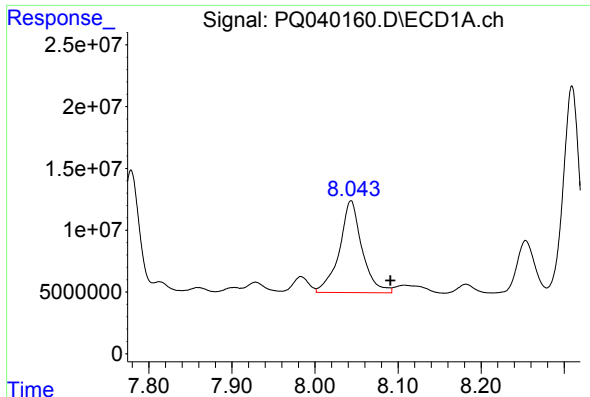
#24 AR-1248-4

R.T.: 8.043 min
Delta R.T.: -0.007 min
Response: 140878278
Conc: 933.16 ng/ml



#24 AR-1248-4

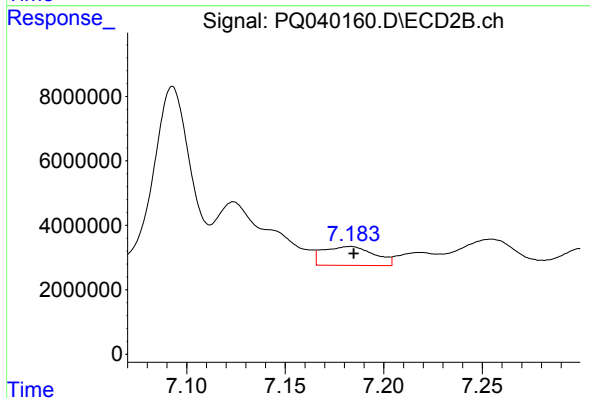
R.T.: 6.751 min
Delta R.T.: 0.022 min
Response: 7552740
Conc: 68.39 ng/ml



#25 AR-1248-5

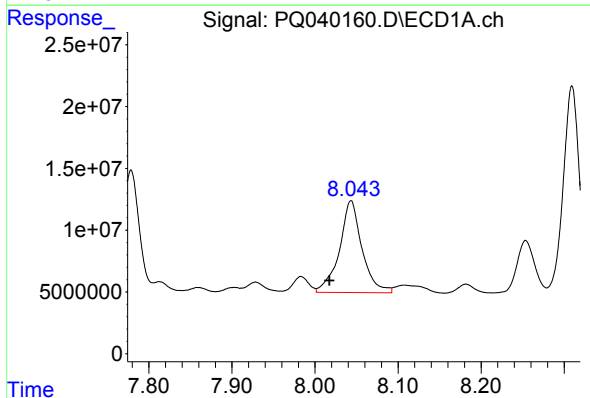
R.T.: 8.043 min
Delta R.T.: -0.047 min
Response: 140878278
Conc: 935.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



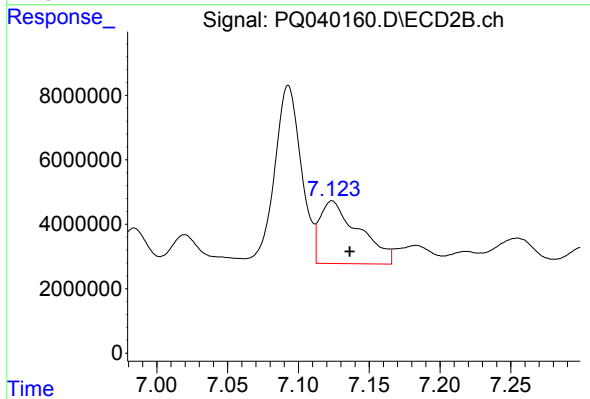
#25 AR-1248-5

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 10538770
Conc: 92.82 ng/ml



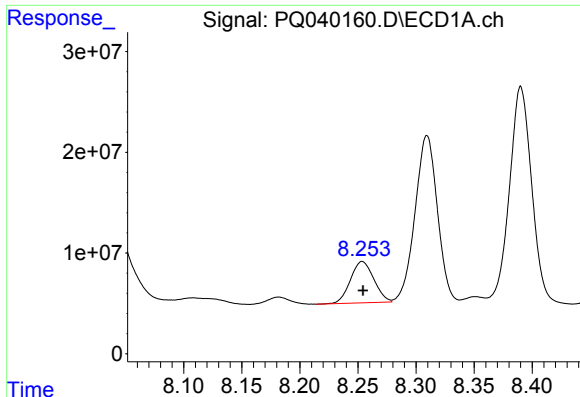
#26 AR-1254-1

R.T.: 8.043 min
Delta R.T.: 0.026 min
Response: 140878278
Conc: 807.81 ng/ml



#26 AR-1254-1

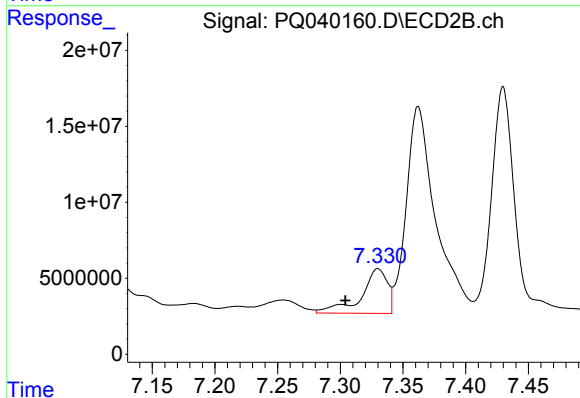
R.T.: 7.124 min
Delta R.T.: -0.013 min
Response: 37288828
Conc: 194.68 ng/ml



#27 AR-1254-2

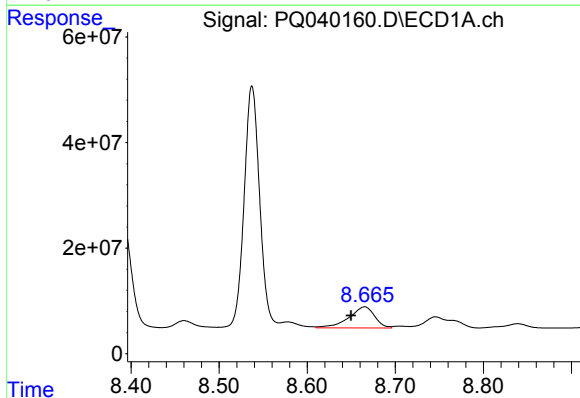
R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 57700280
Conc: 208.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



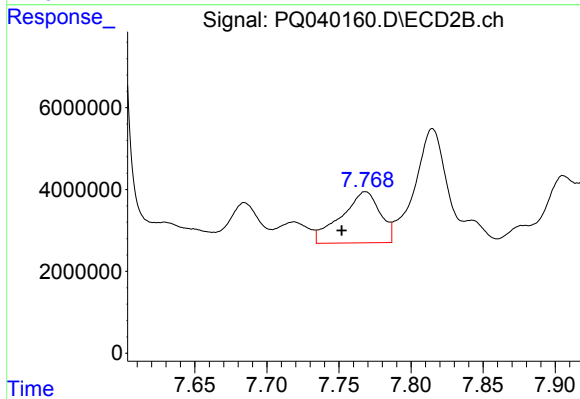
#27 AR-1254-2

R.T.: 7.330 min
Delta R.T.: 0.026 min
Response: 42366567
Conc: 243.86 ng/ml



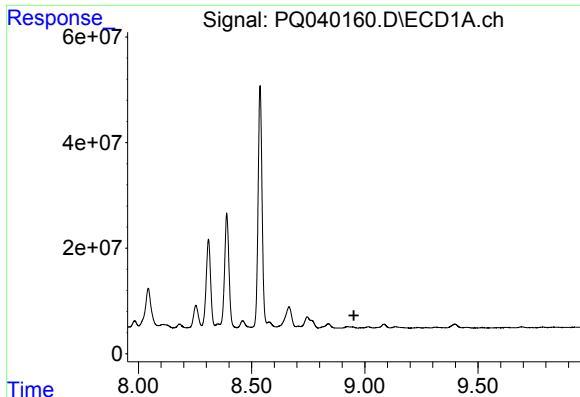
#28 AR-1254-3

R.T.: 8.665 min
Delta R.T.: 0.016 min
Response: 81119999
Conc: 273.33 ng/ml



#28 AR-1254-3

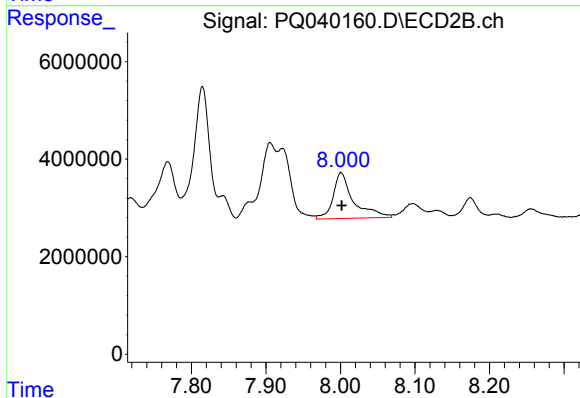
R.T.: 7.768 min
Delta R.T.: 0.016 min
Response: 23522849
Conc: 81.40 ng/ml



#29 AR-1254-4

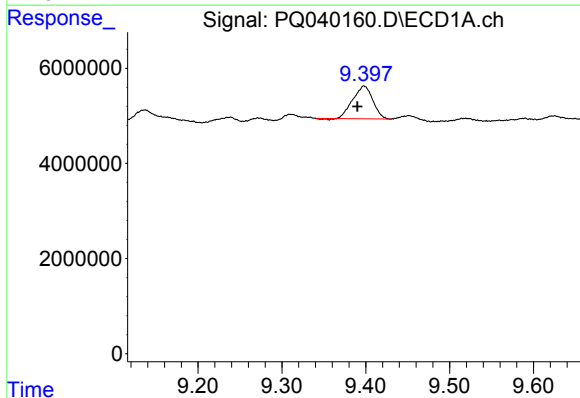
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



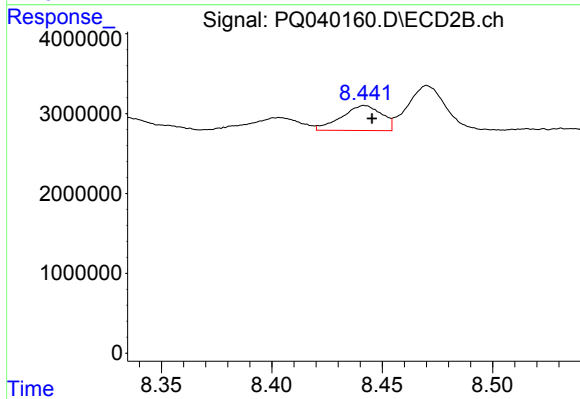
#29 AR-1254-4

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 17840832
Conc: 99.92 ng/ml



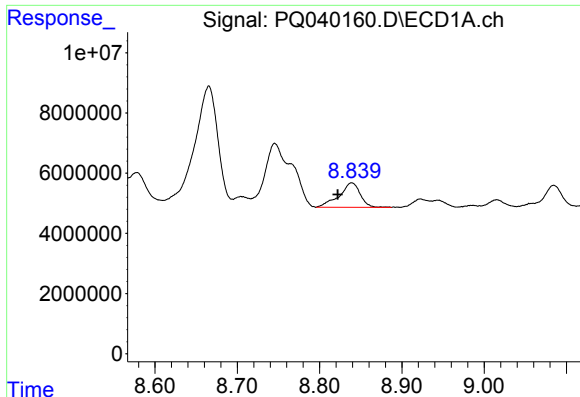
#30 AR-1254-5

R.T.: 9.398 min
Delta R.T.: 0.008 min
Response: 11482016
Conc: 39.87 ng/ml



#30 AR-1254-5

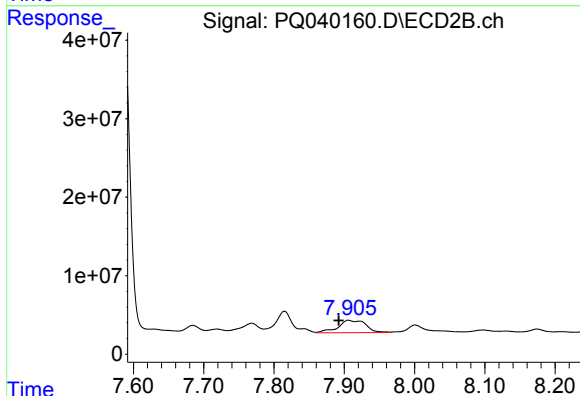
R.T.: 8.442 min
Delta R.T.: -0.003 min
Response: 3974866
Conc: 15.43 ng/ml



#31 AR-1260-1

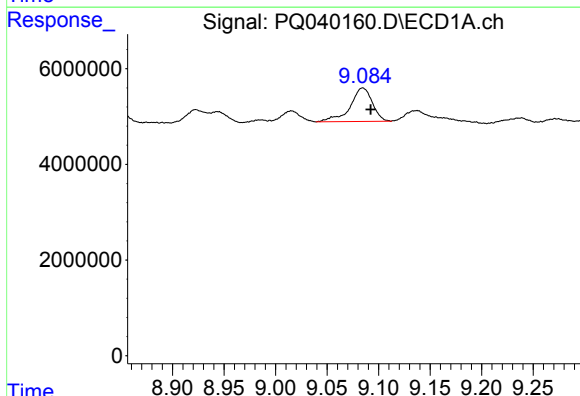
R.T.: 8.839 min
Delta R.T.: 0.017 min
Response: 14483220
Conc: 43.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



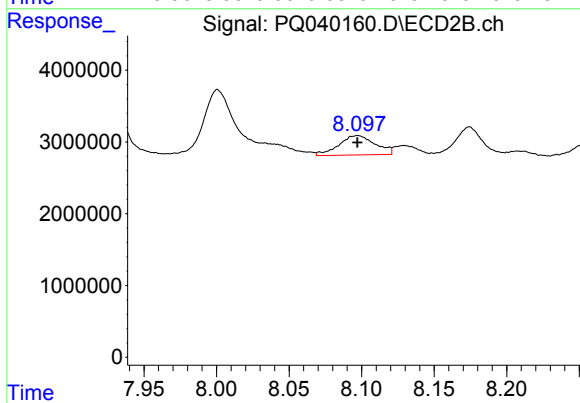
#31 AR-1260-1

R.T.: 7.906 min
Delta R.T.: 0.014 min
Response: 43377187
Conc: 158.23 ng/ml



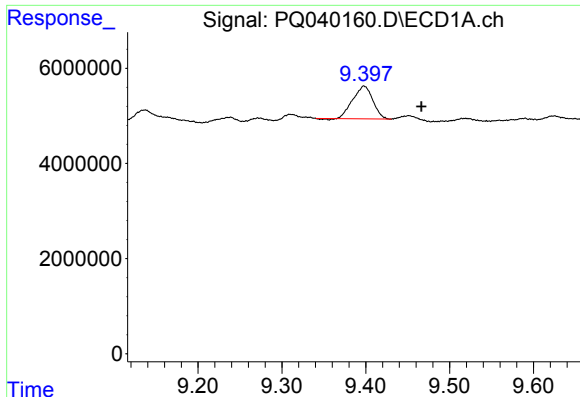
#32 AR-1260-2

R.T.: 9.085 min
Delta R.T.: -0.008 min
Response: 10501191
Conc: 26.00 ng/ml



#32 AR-1260-2

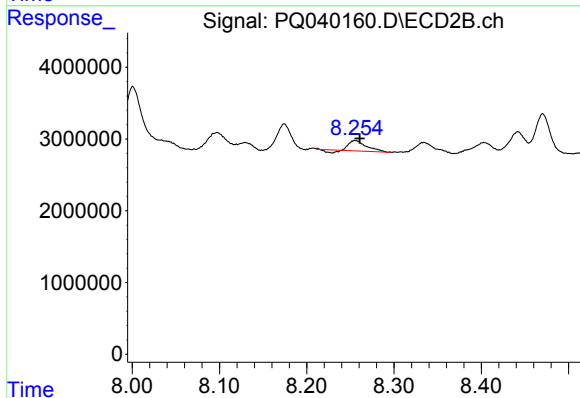
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 4747490
Conc: 13.72 ng/ml



#33 AR-1260-3

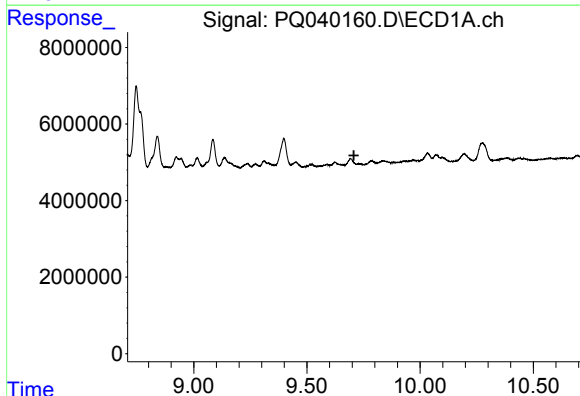
R.T.: 9.398 min
Delta R.T.: -0.069 min
Response: 11482016
Conc: 34.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMM7



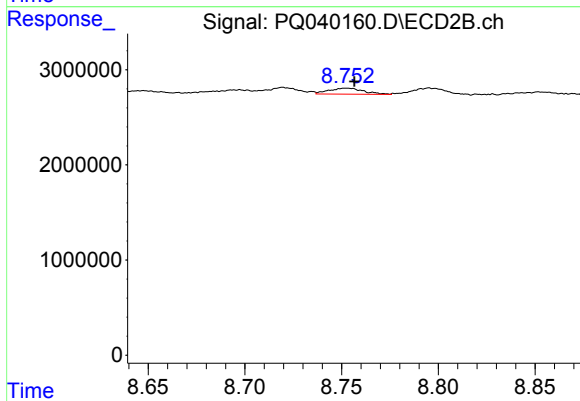
#33 AR-1260-3

R.T.: 8.256 min
Delta R.T.: -0.005 min
Response: 1874868
Conc: 5.85 ng/ml



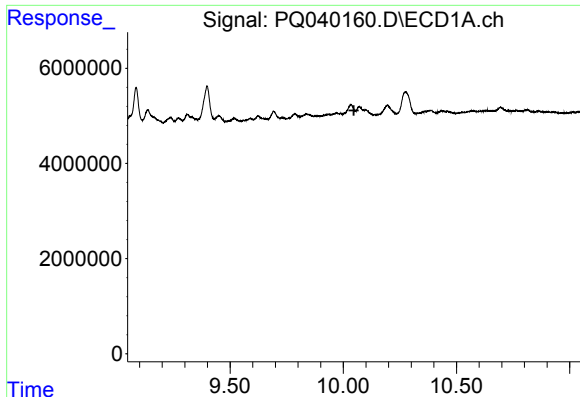
#34 AR-1260-4

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



#34 AR-1260-4

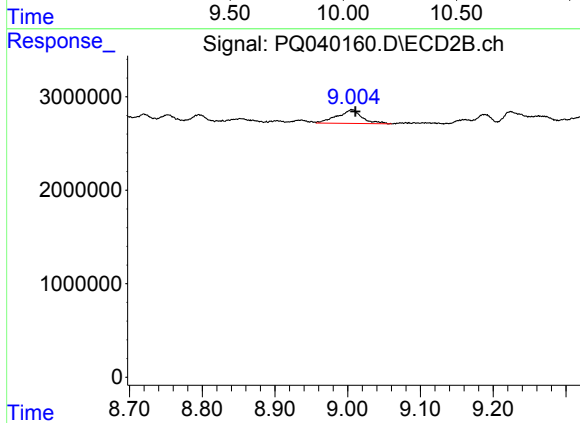
R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 774142
Conc: 2.85 ng/ml



#35 AR-1260-5

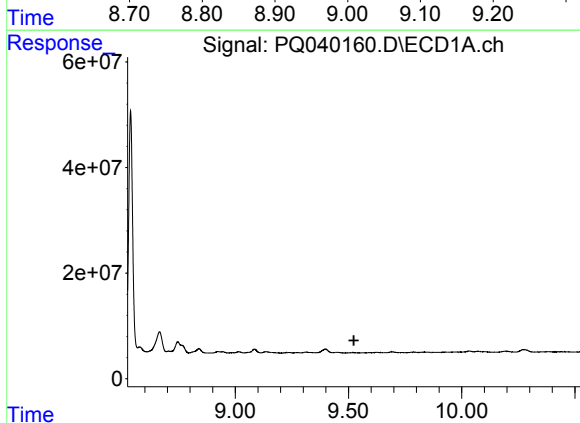
R.T.: 0.000 min
Exp R.T.: 10.047 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



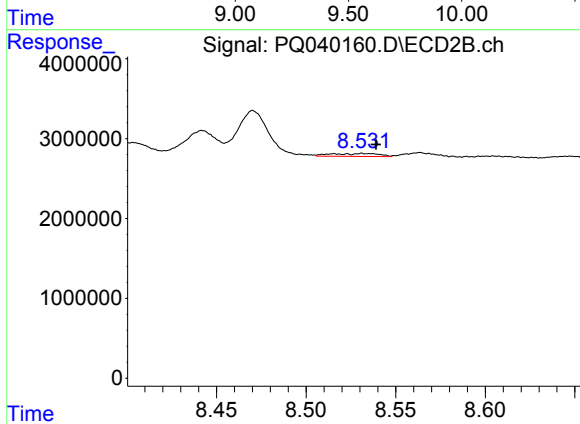
#35 AR-1260-5

R.T.: 9.006 min
Delta R.T.: -0.005 min
Response: 3401882
Conc: 5.06 ng/ml



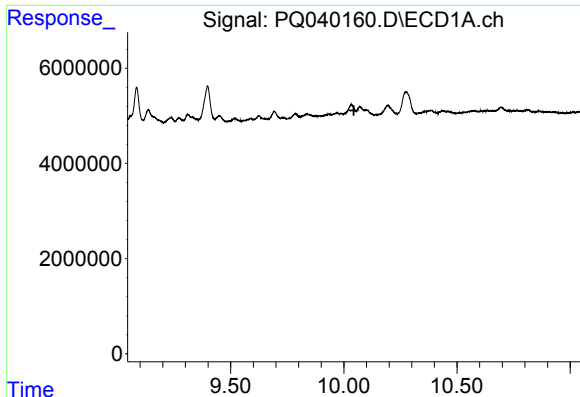
#36 AR-1262-1

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



#36 AR-1262-1

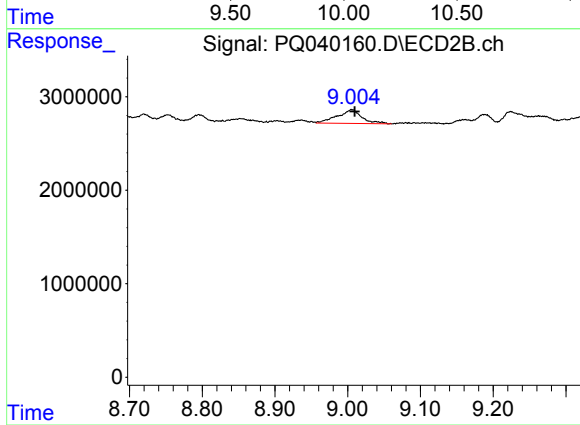
R.T.: 8.516 min
Delta R.T.: -0.023 min
Response: 685441
Conc: 6.04 ng/ml



#37 AR-1262-2

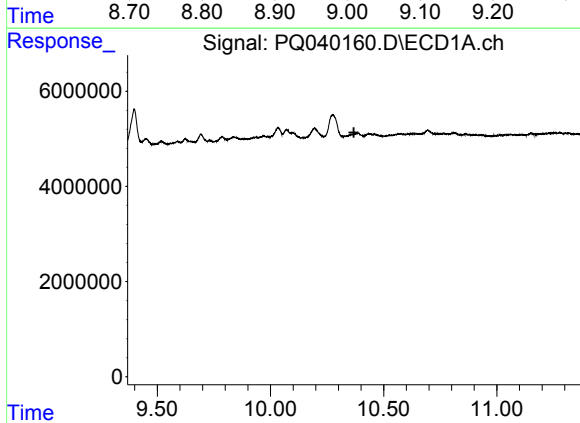
R.T.: 0.000 min
Exp R.T.: 10.045 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



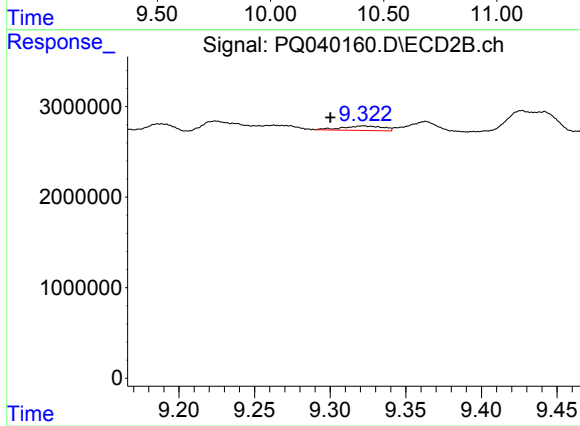
#37 AR-1262-2

R.T.: 9.006 min
Delta R.T.: -0.004 min
Response: 3401882
Conc: 6.86 ng/ml



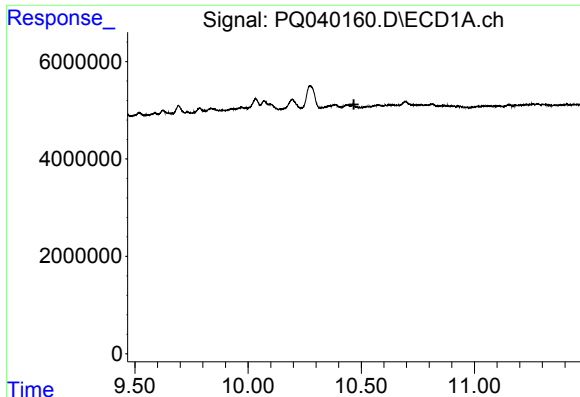
#38 AR-1262-3

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



#38 AR-1262-3

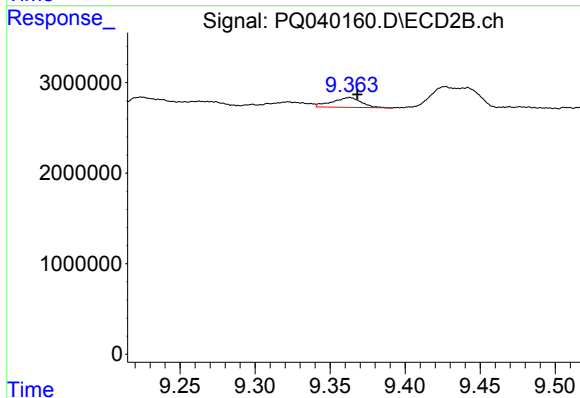
R.T.: 9.322 min
Delta R.T.: 0.022 min
Response: 908894
Conc: 4.32 ng/ml



#39 AR-1262-4

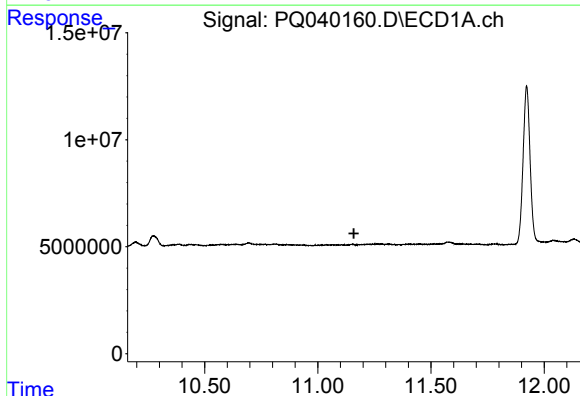
R.T.: 0.000 min
Exp R.T.: 10.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



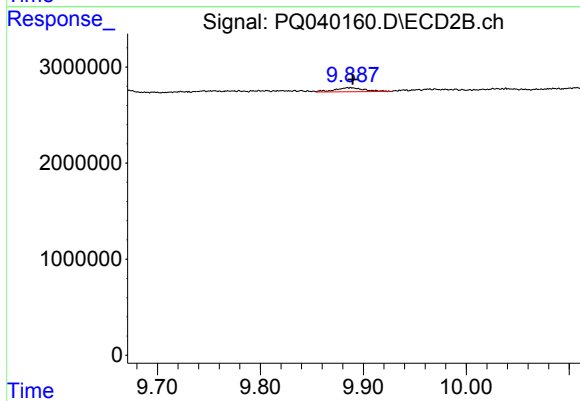
#39 AR-1262-4

R.T.: 9.363 min
Delta R.T.: -0.005 min
Response: 1465253
Conc: 3.87 ng/ml



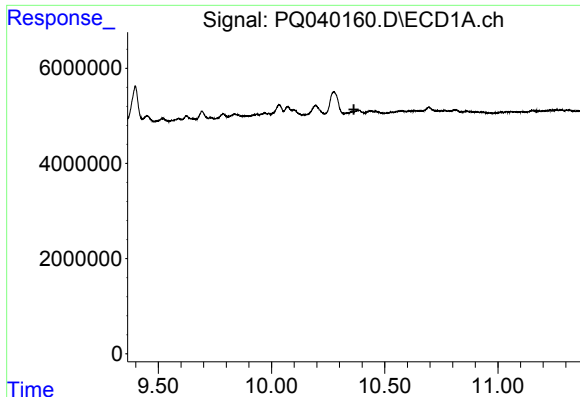
#40 AR-1262-5

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



#40 AR-1262-5

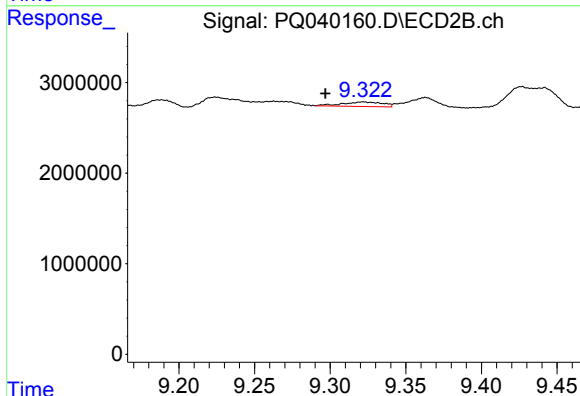
R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 833692
Conc: 5.14 ng/ml



#41 AR-1268-1

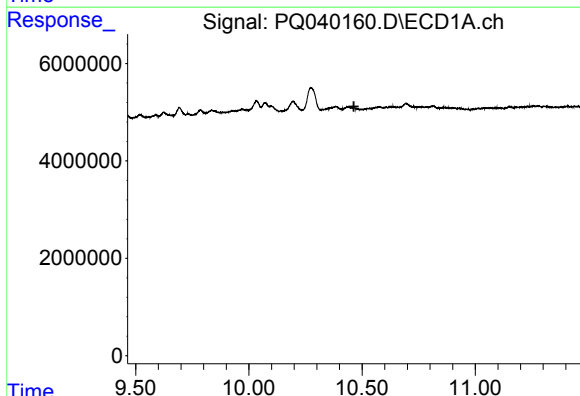
R.T.: 0.000 min
Exp R.T.: 10.364 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



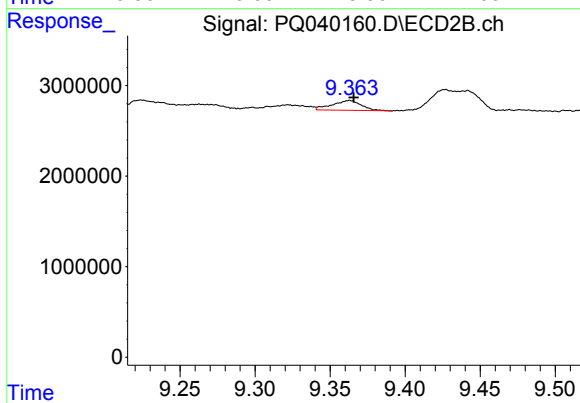
#41 AR-1268-1

R.T.: 9.322 min
Delta R.T.: 0.026 min
Response: 908894
Conc: 1.99 ng/ml



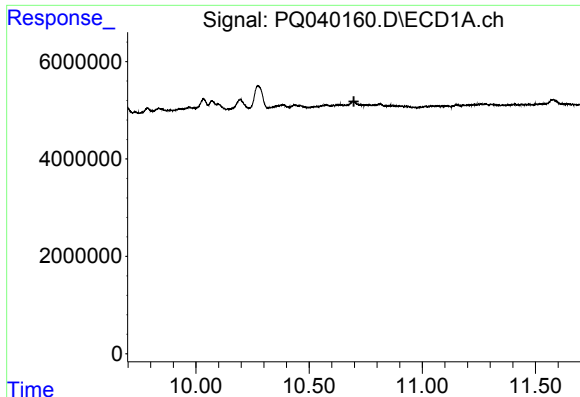
#42 AR-1268-2

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



#42 AR-1268-2

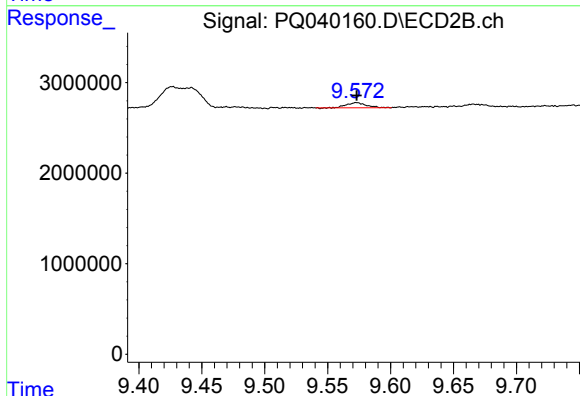
R.T.: 9.363 min
Delta R.T.: -0.003 min
Response: 1465253
Conc: 3.35 ng/ml



#43 AR-1268-3

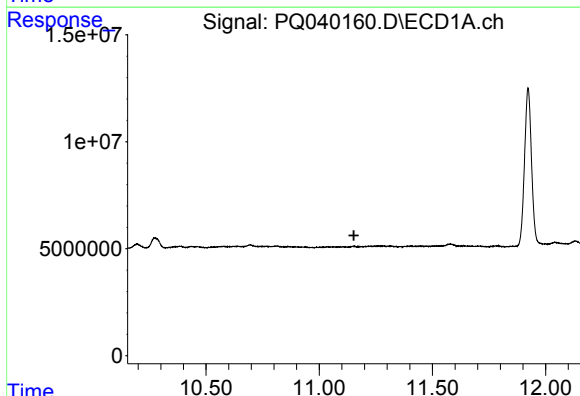
R.T.: 0.000 min
Exp R.T. : 10.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMM7



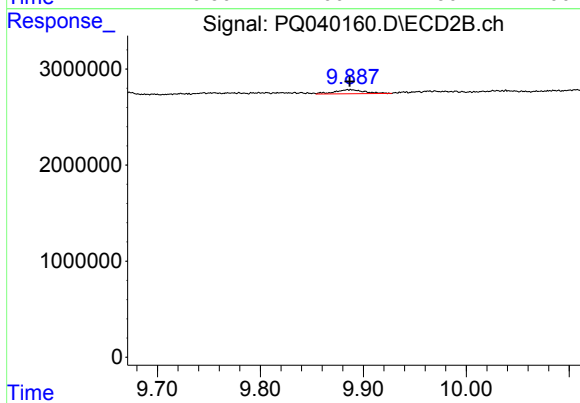
#43 AR-1268-3

R.T.: 9.573 min
Delta R.T.: 0.000 min
Response: 619111
Conc: 1.65 ng/ml



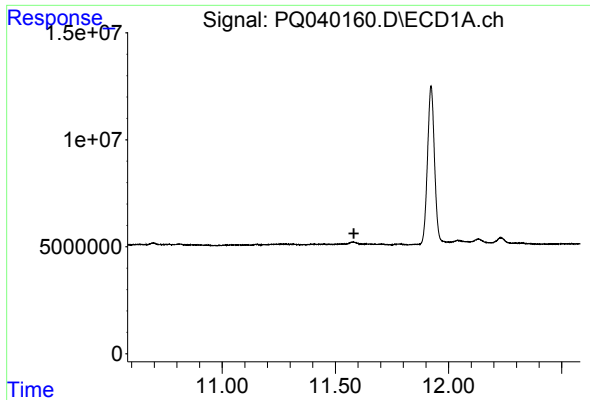
#44 AR-1268-4

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



#44 AR-1268-4

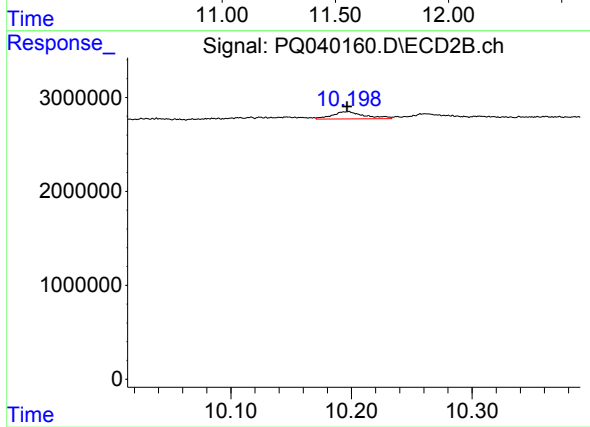
R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 833692
Conc: 6.05 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_Q
ClientSampleId :
ETMM7



#45 AR-1268-5

R.T.: 10.196 min
Delta R.T.: 0.000 min
Response: 1430863
Conc: 1.21 ng/ml