

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 19:57
 Operator : SM\AJ
 Sample : K4022-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:21:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 23 11:02:25 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...	5.705	4.762	46242127	35337640	12.080	11.755
2)	SA Decachlor...	12.106	10.521	146.1E6	75811899	14.120	16.637
Target Compounds							
3)	L1 AR-1016-1	7.149	6.217	36870860	32186361	211.255	219.983
4)	L1 AR-1016-2	7.175	6.239	64510996	54096712	244.618	259.903
5)	L1 AR-1016-3	7.250	6.452	4706070	23715930	29.090	210.050 #
6)	L1 AR-1016-4	7.358	6.506	29051150	79728493	215.563	874.549 #
7)	L1 AR-1016-5	7.692	6.759	83530240	75439922	627.717	627.721
10)	L2 AR-1221-3	0.000	5.360	0	6063002	N.D.	57.228 #
11)	L3 AR-1232-1	0.000	5.360	0	6063002	N.D.	79.920 #
12)	L3 AR-1232-2	6.833	6.239	6200827	54096712	125.575	579.067 #
13)	L3 AR-1232-3	7.175	6.452	64510996	23715930	569.980	492.716
14)	L3 AR-1232-4	7.358	6.555	29051150	75118638	491.493	1742.299 #
15)	L3 AR-1232-5	7.464	6.759	88590708	75439922	2400.514	1559.592 #
16)	L4 AR-1242-1	7.149	6.217	36870860	32186361	294.357	304.973
17)	L4 AR-1242-2	7.175	6.239	64510996	54096712	338.758	348.861
18)	L4 AR-1242-3	7.250	6.452	4706070	23715930	39.803	284.184 #
19)	L4 AR-1242-4	7.358	6.555	29051150	75118638	296.386	922.268 #
20)	L4 AR-1242-5	8.181	7.168	245.0E6	213.3E6	1847.768	1708.786
21)	L5 AR-1248-1	7.149	6.217	36870860	32186361	397.494	400.736
22)	L5 AR-1248-2	7.464	6.506	88590708	79728493	719.910	711.766
23)	L5 AR-1248-3	7.692	6.555	83530240	75118638	531.919	650.786
24)	L5 AR-1248-4	8.140	6.759	221.6E6	75439922	1025.812	521.153 #
25)	L5 AR-1248-5	8.181	7.214	245.0E6	209.3E6	1150.317	1243.710
26)	L6 AR-1254-1	8.108	7.168	141.3E6	213.3E6	697.196	838.784
27)	L6 AR-1254-2	8.350	7.335	220.9E6	73313133	639.666	320.442 #
28)	L6 AR-1254-3	8.741	7.783	167.2E6	159.5E6	403.518	392.855
29)	L6 AR-1254-4	9.043	8.031	127.5E6	111.5E6	352.294	408.299
30)	L6 AR-1254-5	9.504	8.477	475.9E6	423.5E6	1185.152	1060.799
31)	L7 AR-1260-1	8.914	7.937	24319329	25564070	80.497	96.122
32)	L7 AR-1260-2	9.178	8.127	311.3E6	30546446	679.226	84.185 #
33)	L7 AR-1260-3	9.555	8.291	18594020	28058178	43.793	89.351 #
34)	L7 AR-1260-4	9.794	8.790	36179960	15592905	85.949	54.773 #
35)	L7 AR-1260-5	10.149	9.040	38202721	41480941	35.751	55.785 #
36)	L8 AR-1262-1	9.620	8.571	8698682	14968568	35.430	77.824 #
37)	L8 AR-1262-2	10.149	9.040	38202721	41480941	31.457	49.373 #
38)	L8 AR-1262-3	10.505	9.335	28990465	7800333	34.786	22.178 #
39)	L8 AR-1262-4	10.585	9.400	6860667	23011087	10.531	39.154 #
40)	L8 AR-1262-5	11.294	9.925	10027587	7205807	21.936	30.030 #
41)	L9 AR-1268-1	10.505	9.335	28990465	7800333	16.065	6.827 #
42)	L9 AR-1268-2	10.585	9.400	6860667	23011087	4.300	23.680 #
43)	L9 AR-1268-3	0.000	9.616	0	2008402	N.D.	2.516 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
 Data File : PQ041618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2019 19:57
 Operator : SM\AJ
 Sample : K4022-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

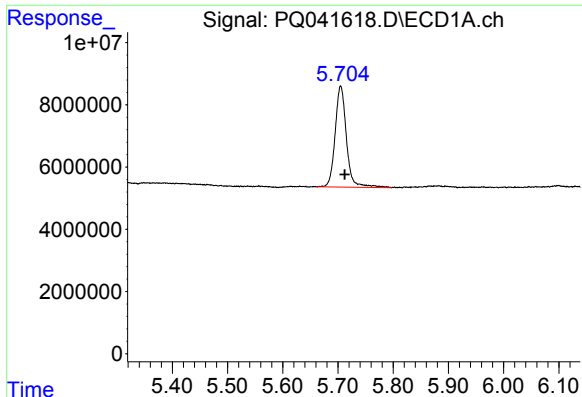
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 00:21:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
44) L9	AR-1268-4	11.294	9.925	10027587	7205807	17.665	23.481 #
45) L9	AR-1268-5	11.742	10.206	5344752	1656459	1.234	0.838 #

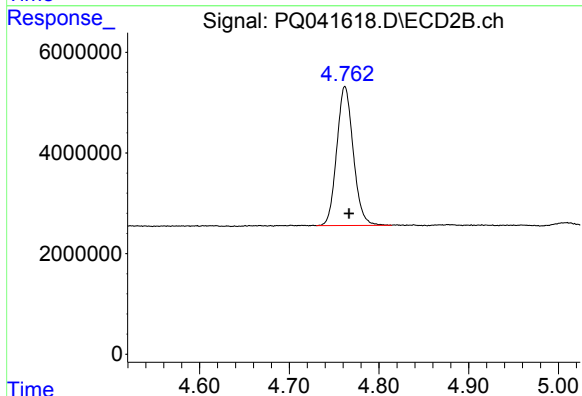
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

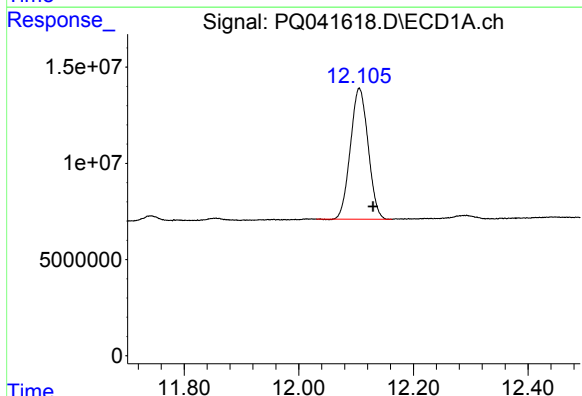
R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 46242127
Conc: 12.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



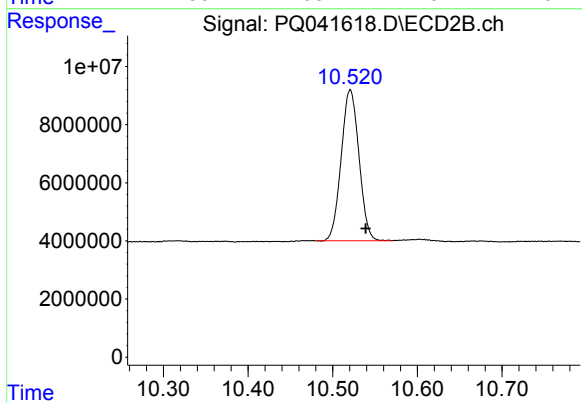
#1 Tetrachloro-m-xylene

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 35337640
Conc: 11.76 ng/ml



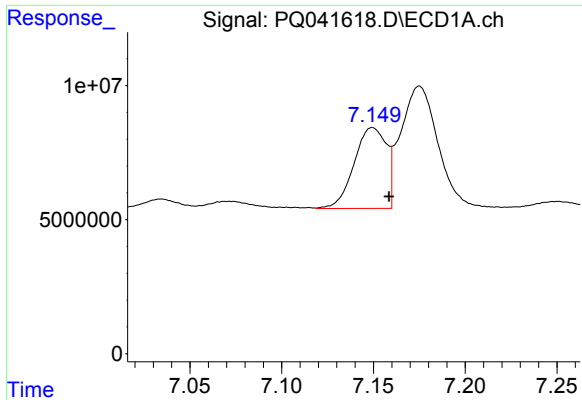
#2 Decachlorobiphenyl

R.T.: 12.106 min
Delta R.T.: -0.024 min
Response: 146050250
Conc: 14.12 ng/ml



#2 Decachlorobiphenyl

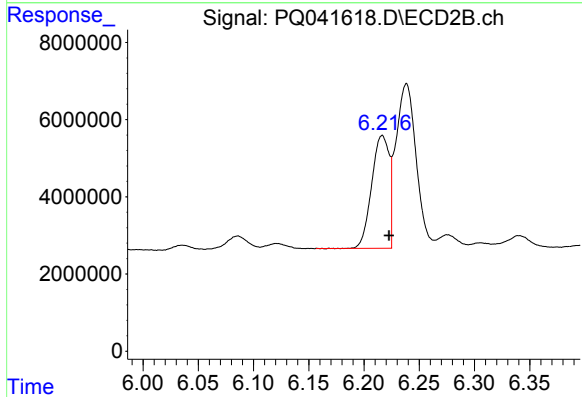
R.T.: 10.521 min
Delta R.T.: -0.018 min
Response: 75811899
Conc: 16.64 ng/ml



#3 AR-1016-1

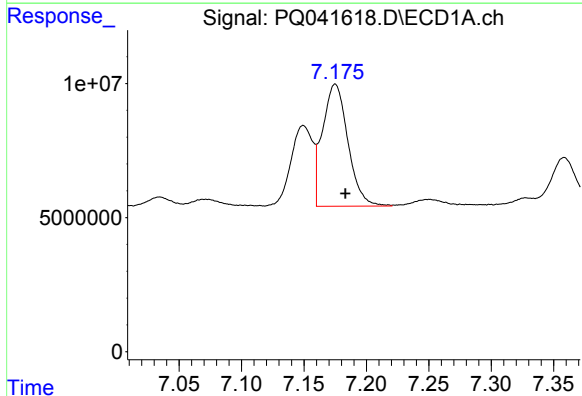
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 36870860
Conc: 211.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



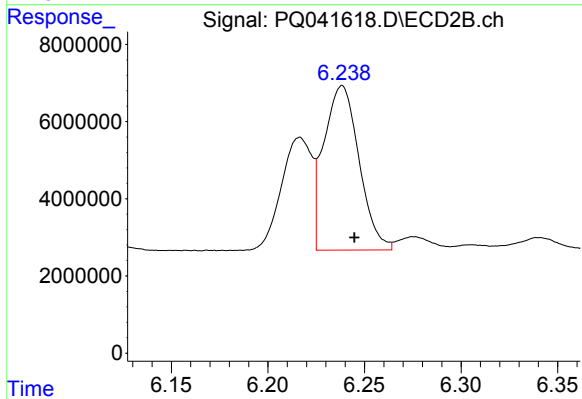
#3 AR-1016-1

R.T.: 6.217 min
Delta R.T.: -0.006 min
Response: 32186361
Conc: 219.98 ng/ml



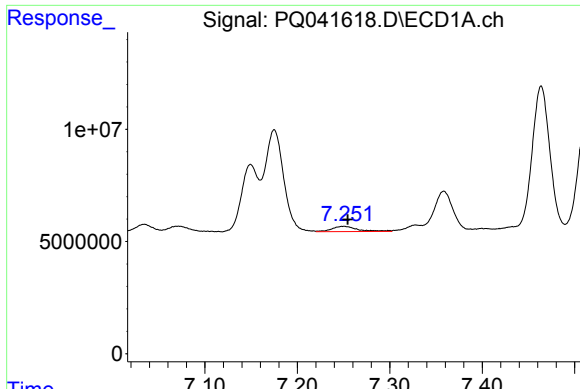
#4 AR-1016-2

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 64510996
Conc: 244.62 ng/ml



#4 AR-1016-2

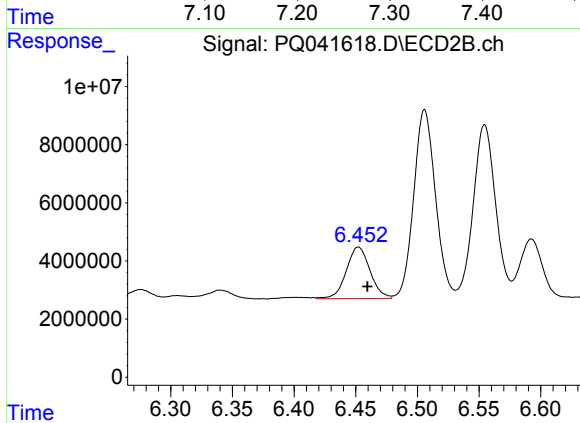
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 54096712
Conc: 259.90 ng/ml



#5 AR-1016-3

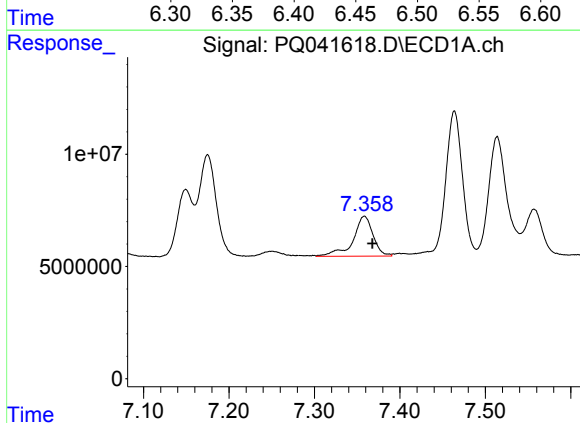
R.T.: 7.250 min
Delta R.T.: -0.004 min
Response: 4706070
Conc: 29.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



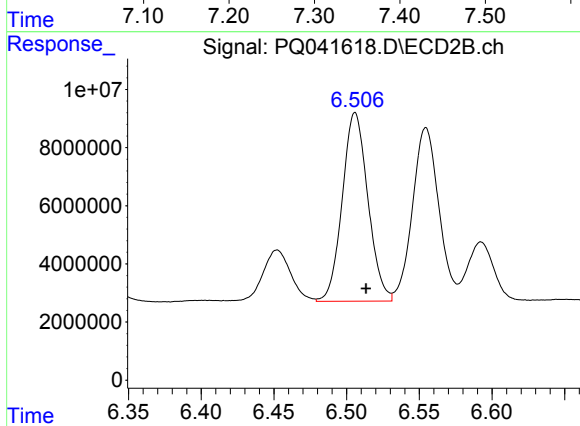
#5 AR-1016-3

R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 23715930
Conc: 210.05 ng/ml



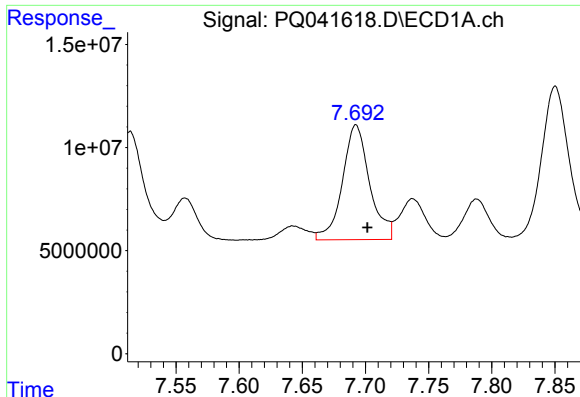
#6 AR-1016-4

R.T.: 7.358 min
Delta R.T.: -0.009 min
Response: 29051150
Conc: 215.56 ng/ml



#6 AR-1016-4

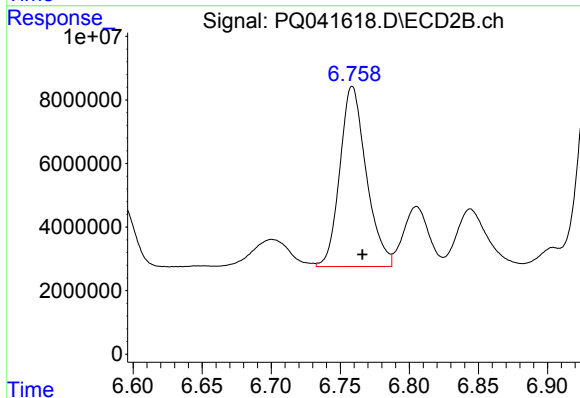
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 79728493
Conc: 874.55 ng/ml



#7 AR-1016-5

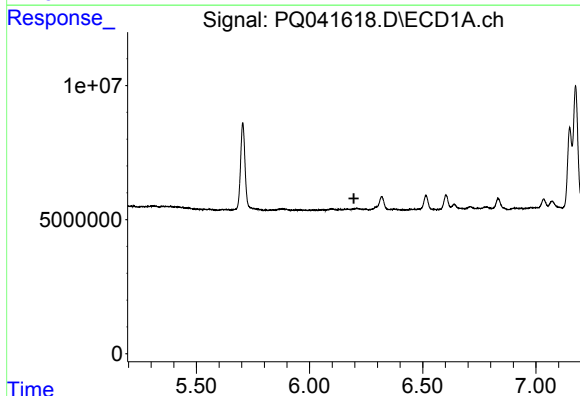
R.T.: 7.692 min
Delta R.T.: -0.009 min
Response: 83530240
Conc: 627.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



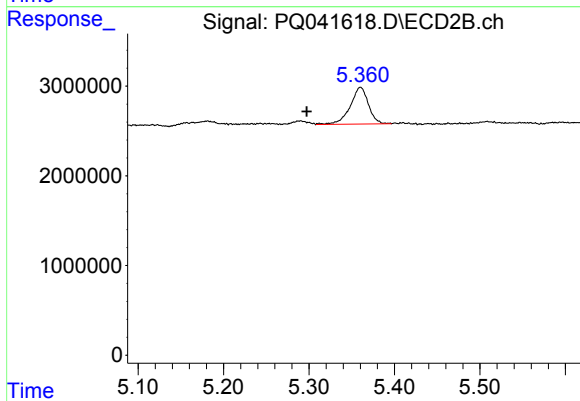
#7 AR-1016-5

R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 75439922
Conc: 627.72 ng/ml



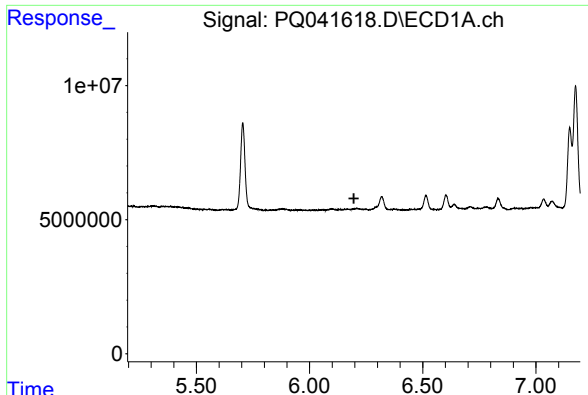
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.196 min
Response: 0
Conc: N.D.



#10 AR-1221-3

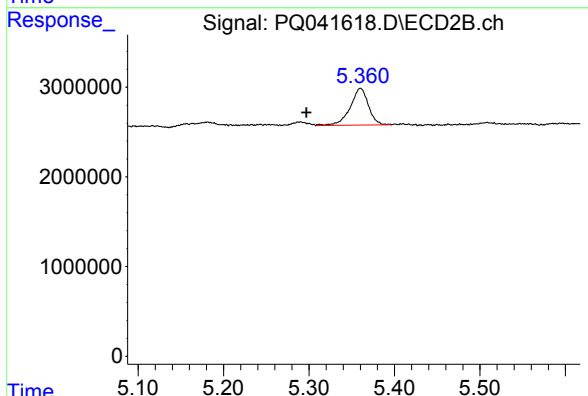
R.T.: 5.360 min
Delta R.T.: 0.063 min
Response: 6063002
Conc: 57.23 ng/ml



#11 AR-1232-1

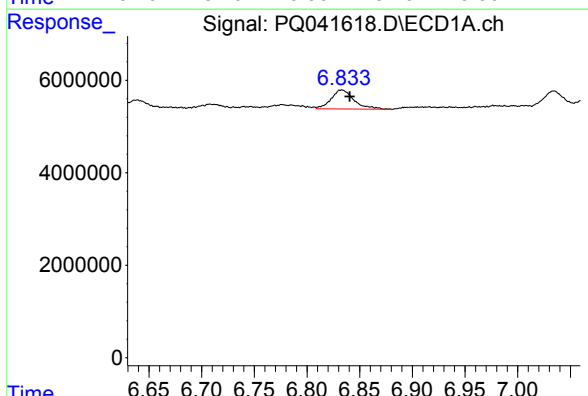
R.T.: 0.000 min
Exp R.T.: 6.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



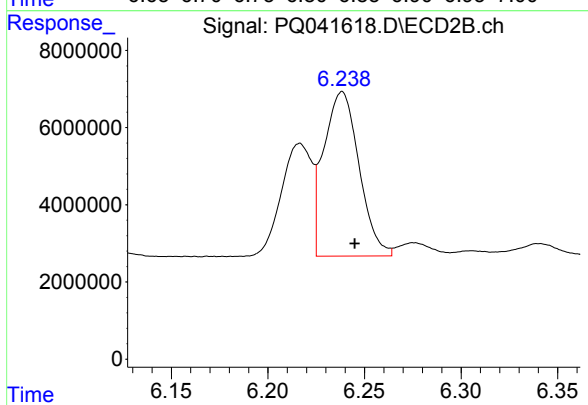
#11 AR-1232-1

R.T.: 5.360 min
Delta R.T.: 0.063 min
Response: 6063002
Conc: 79.92 ng/ml



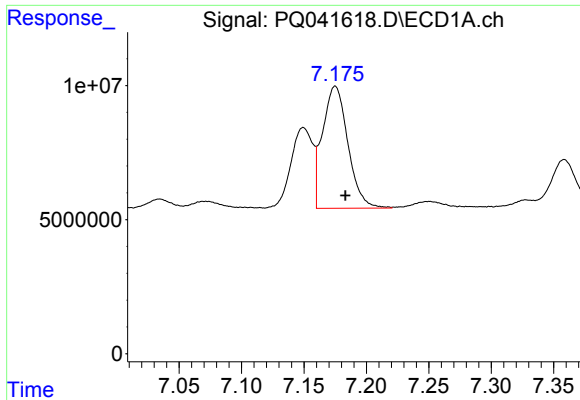
#12 AR-1232-2

R.T.: 6.833 min
Delta R.T.: -0.008 min
Response: 6200827
Conc: 125.57 ng/ml



#12 AR-1232-2

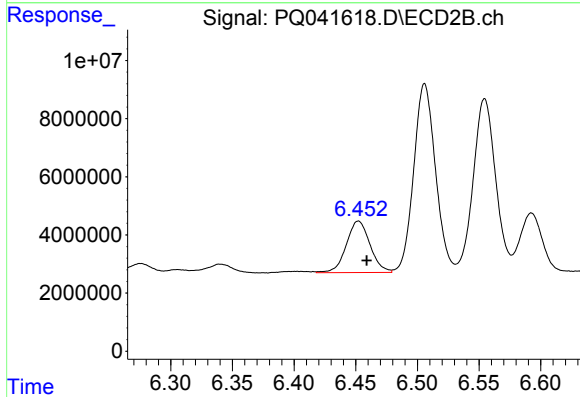
R.T.: 6.239 min
Delta R.T.: -0.006 min
Response: 54096712
Conc: 579.07 ng/ml



#13 AR-1232-3

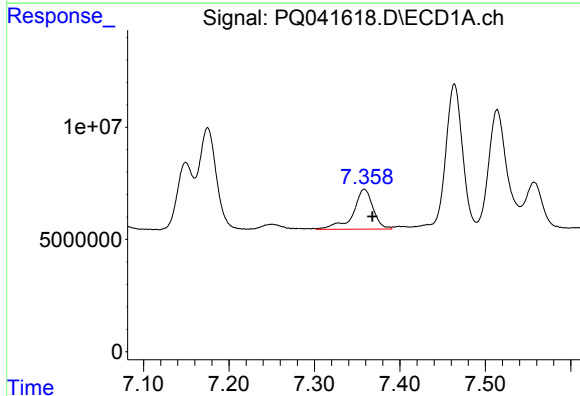
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 64510996
Conc: 569.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



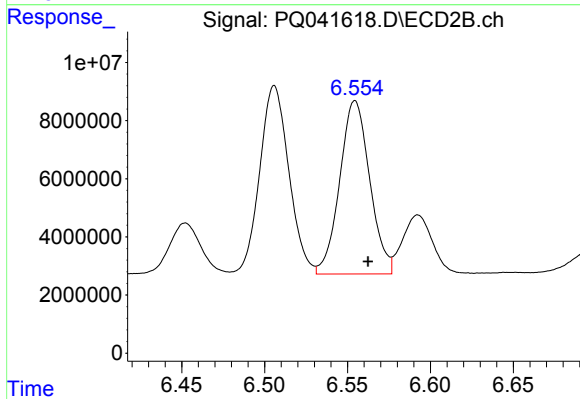
#13 AR-1232-3

R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 23715930
Conc: 492.72 ng/ml



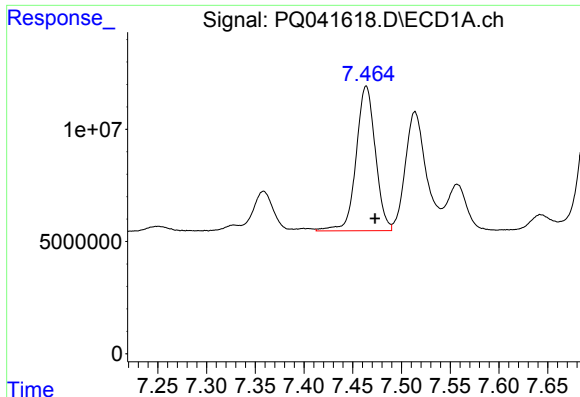
#14 AR-1232-4

R.T.: 7.358 min
Delta R.T.: -0.009 min
Response: 29051150
Conc: 491.49 ng/ml



#14 AR-1232-4

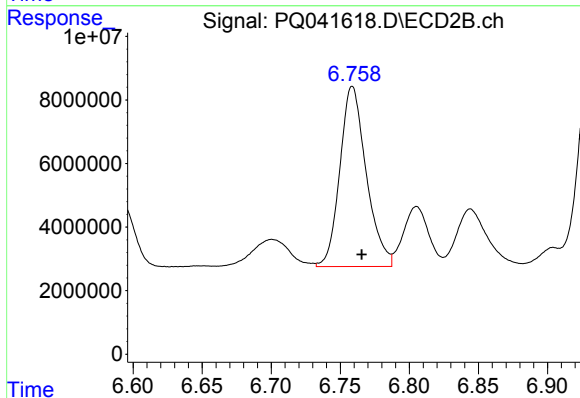
R.T.: 6.555 min
Delta R.T.: -0.008 min
Response: 75118638
Conc: 1742.30 ng/ml



#15 AR-1232-5

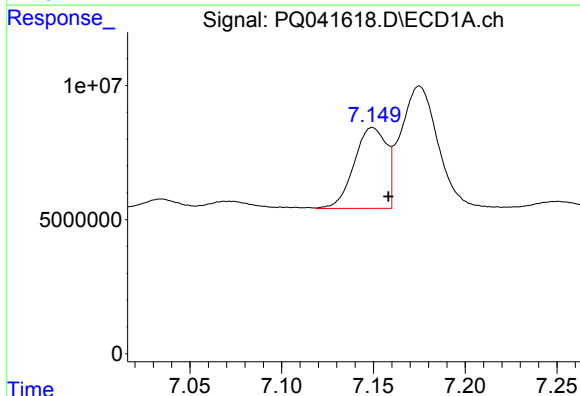
R.T.: 7.464 min
Delta R.T.: -0.009 min
Response: 88590708
Conc: 2400.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



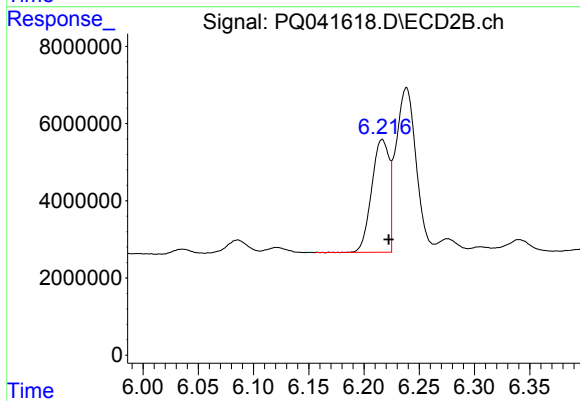
#15 AR-1232-5

R.T.: 6.759 min
Delta R.T.: -0.007 min
Response: 75439922
Conc: 1559.59 ng/ml



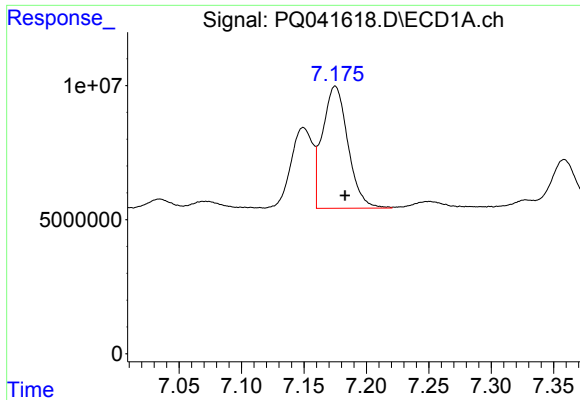
#16 AR-1242-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 36870860
Conc: 294.36 ng/ml



#16 AR-1242-1

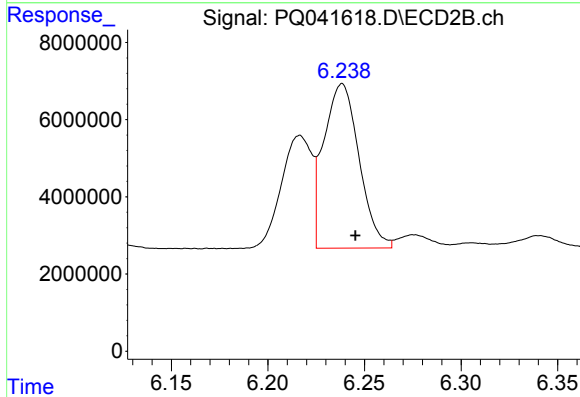
R.T.: 6.217 min
Delta R.T.: -0.006 min
Response: 32186361
Conc: 304.97 ng/ml



#17 AR-1242-2

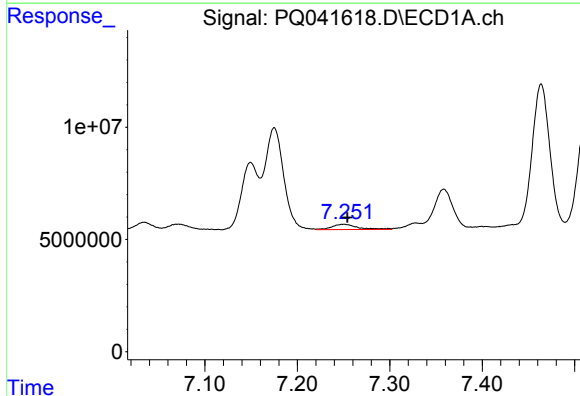
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 64510996
Conc: 338.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



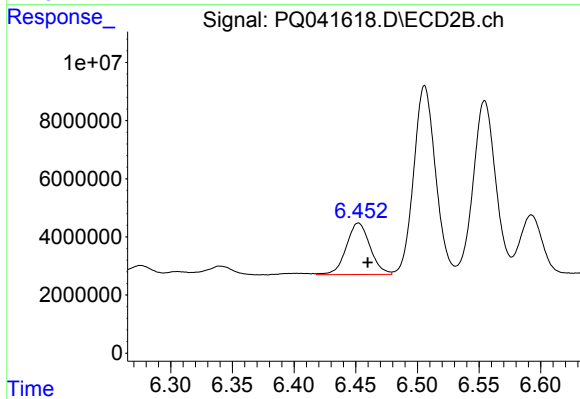
#17 AR-1242-2

R.T.: 6.239 min
Delta R.T.: -0.007 min
Response: 54096712
Conc: 348.86 ng/ml



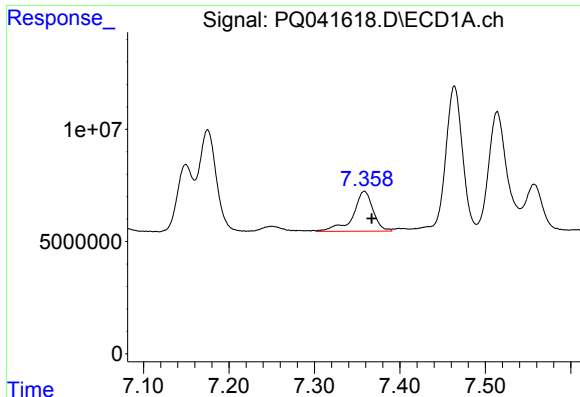
#18 AR-1242-3

R.T.: 7.250 min
Delta R.T.: -0.004 min
Response: 4706070
Conc: 39.80 ng/ml



#18 AR-1242-3

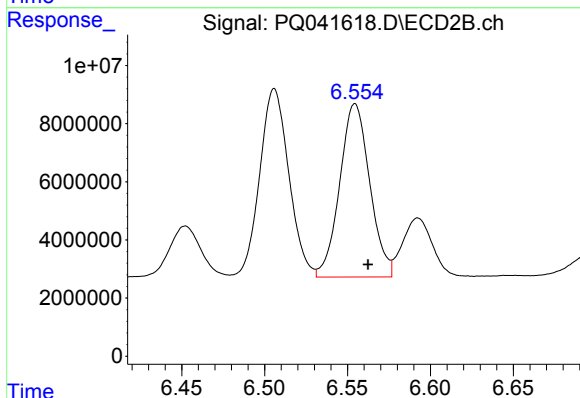
R.T.: 6.452 min
Delta R.T.: -0.007 min
Response: 23715930
Conc: 284.18 ng/ml



#19 AR-1242-4

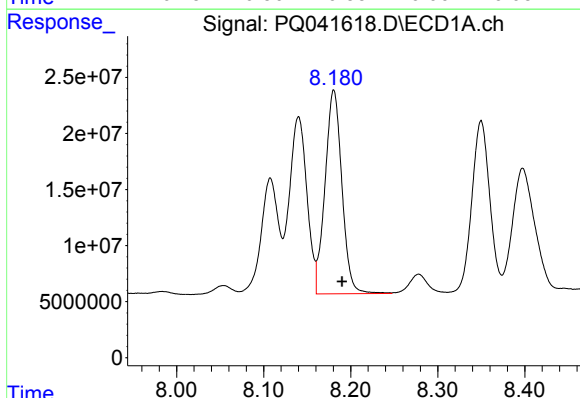
R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 29051150
Conc: 296.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



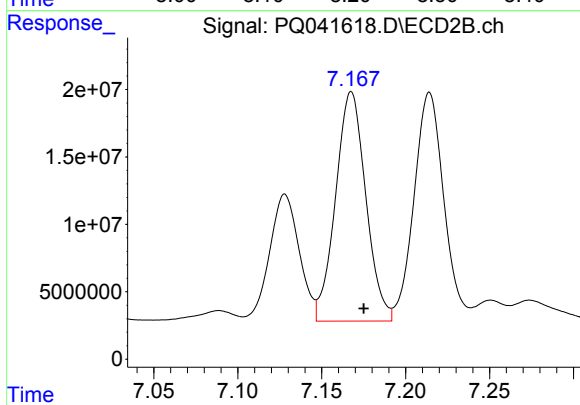
#19 AR-1242-4

R.T.: 6.555 min
Delta R.T.: -0.008 min
Response: 75118638
Conc: 922.27 ng/ml



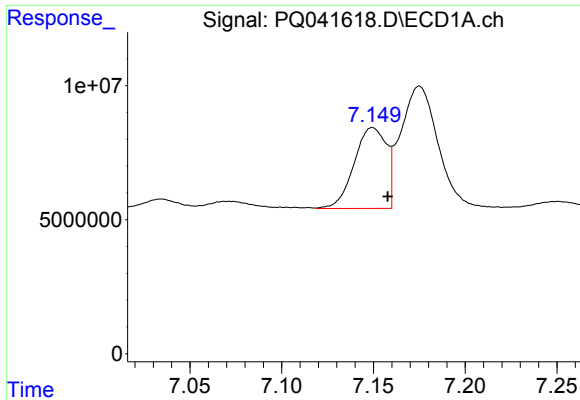
#20 AR-1242-5

R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 244970777
Conc: 1847.77 ng/ml



#20 AR-1242-5

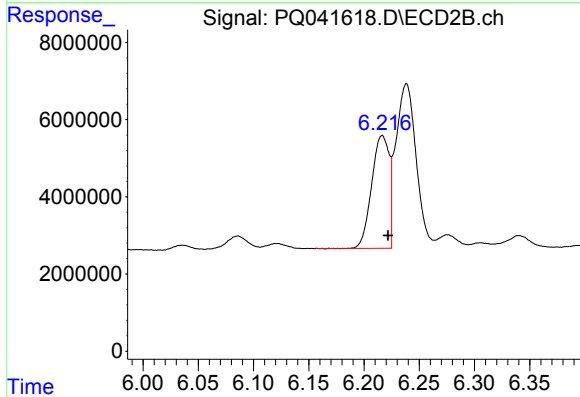
R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 213307052
Conc: 1708.79 ng/ml



#21 AR-1248-1

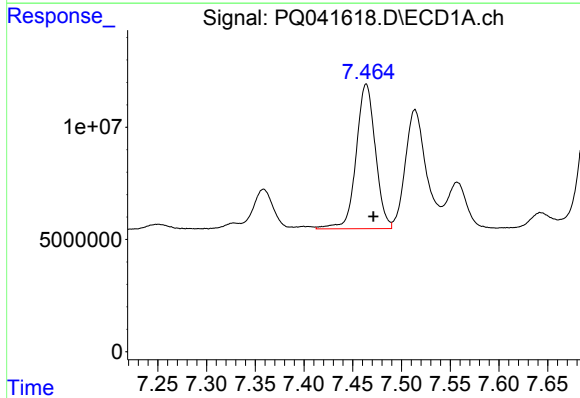
R.T.: 7.149 min
Delta R.T.: -0.008 min
Response: 36870860
Conc: 397.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



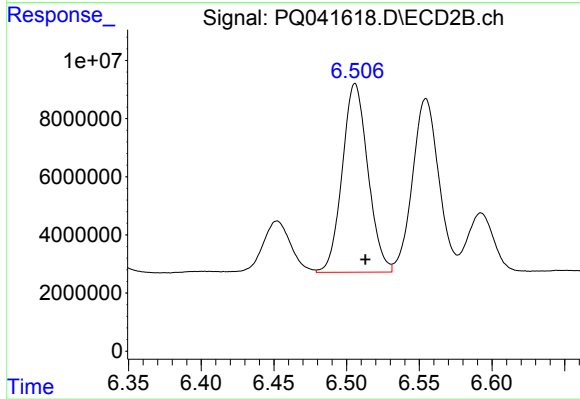
#21 AR-1248-1

R.T.: 6.217 min
Delta R.T.: -0.005 min
Response: 32186361
Conc: 400.74 ng/ml



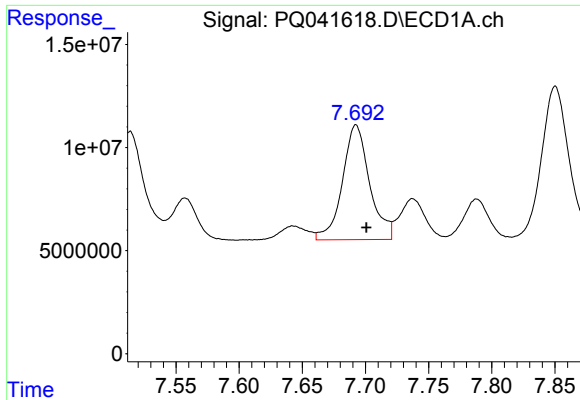
#22 AR-1248-2

R.T.: 7.464 min
Delta R.T.: -0.007 min
Response: 88590708
Conc: 719.91 ng/ml



#22 AR-1248-2

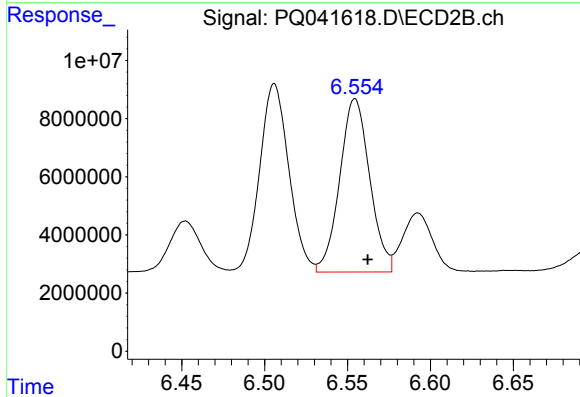
R.T.: 6.506 min
Delta R.T.: -0.007 min
Response: 79728493
Conc: 711.77 ng/ml



#23 AR-1248-3

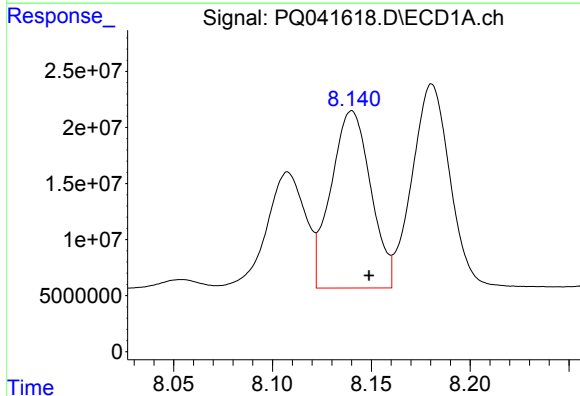
R.T.: 7.692 min
Delta R.T.: -0.008 min
Response: 83530240
Conc: 531.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



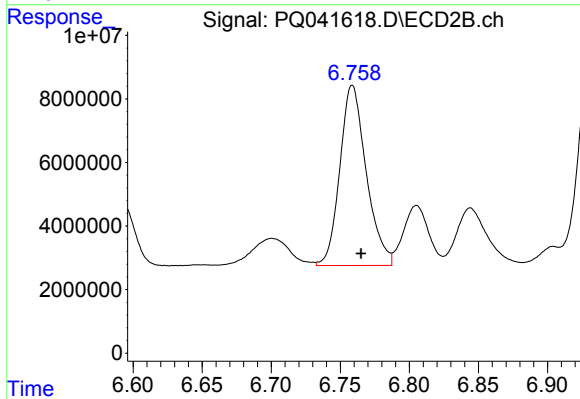
#23 AR-1248-3

R.T.: 6.555 min
Delta R.T.: -0.008 min
Response: 75118638
Conc: 650.79 ng/ml



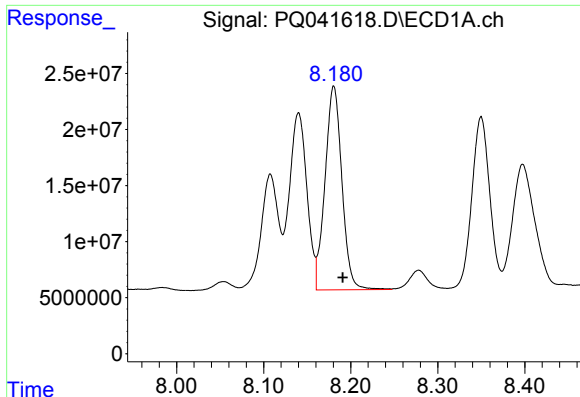
#24 AR-1248-4

R.T.: 8.140 min
Delta R.T.: -0.009 min
Response: 221584656
Conc: 1025.81 ng/ml



#24 AR-1248-4

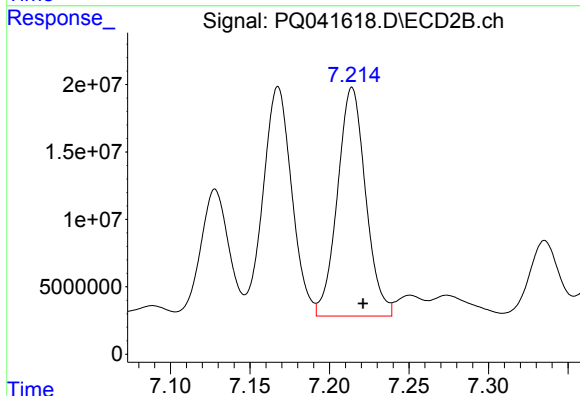
R.T.: 6.759 min
Delta R.T.: -0.006 min
Response: 75439922
Conc: 521.15 ng/ml



#25 AR-1248-5

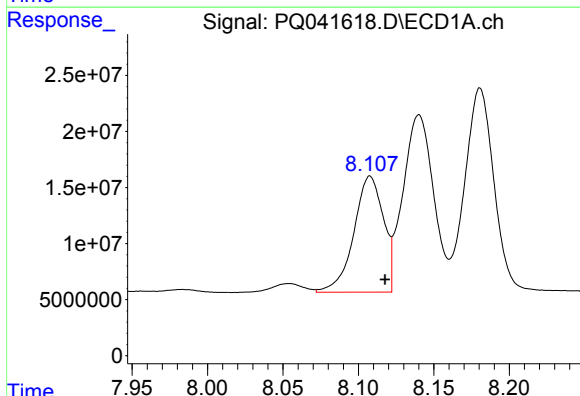
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 244970777
Conc: 1150.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



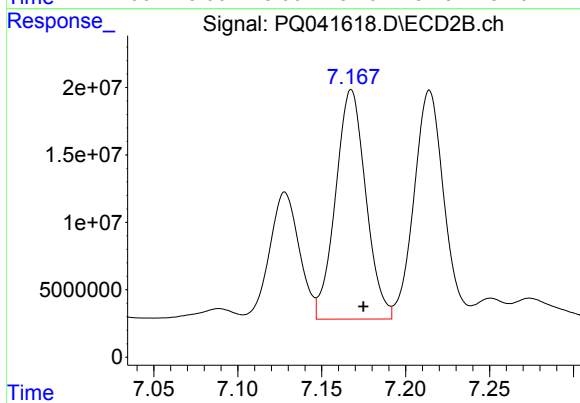
#25 AR-1248-5

R.T.: 7.214 min
Delta R.T.: -0.007 min
Response: 209293634
Conc: 1243.71 ng/ml



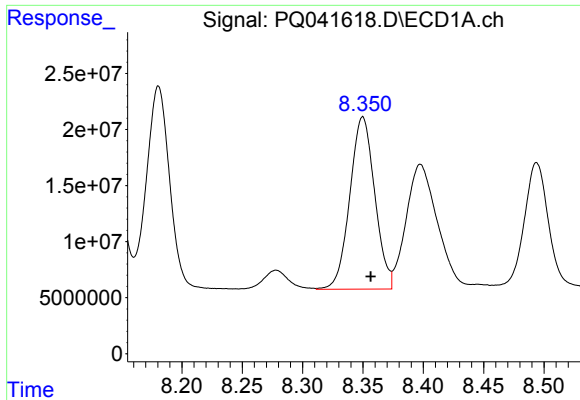
#26 AR-1254-1

R.T.: 8.108 min
Delta R.T.: -0.010 min
Response: 141322769
Conc: 697.20 ng/ml



#26 AR-1254-1

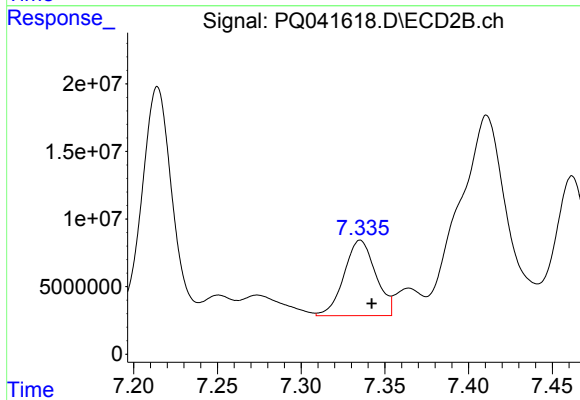
R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 213307052
Conc: 838.78 ng/ml



#27 AR-1254-2

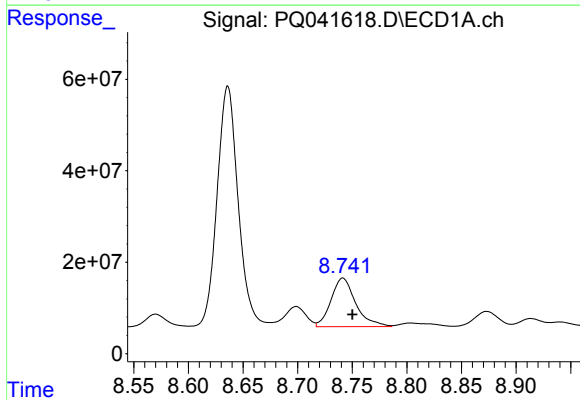
R.T.: 8.350 min
Delta R.T.: -0.007 min
Response: 220936744
Conc: 639.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



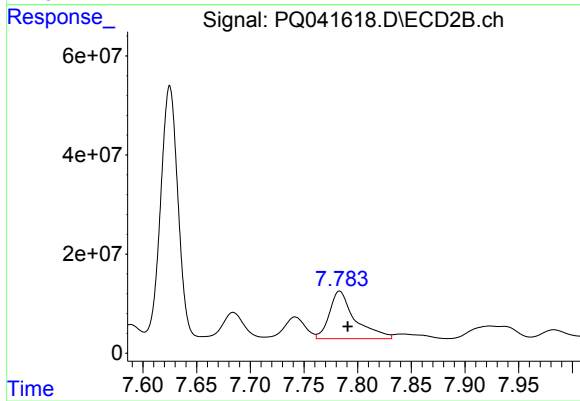
#27 AR-1254-2

R.T.: 7.335 min
Delta R.T.: -0.007 min
Response: 73313133
Conc: 320.44 ng/ml



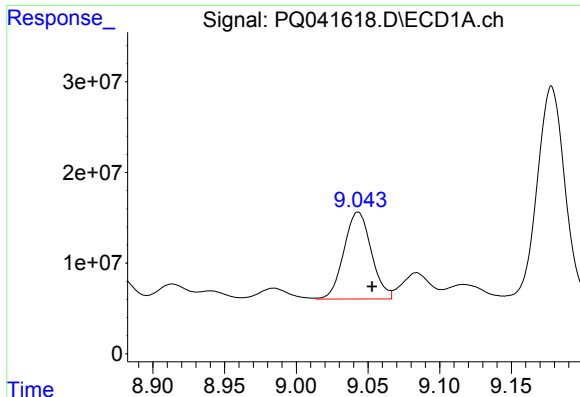
#28 AR-1254-3

R.T.: 8.741 min
Delta R.T.: -0.009 min
Response: 167211877
Conc: 403.52 ng/ml



#28 AR-1254-3

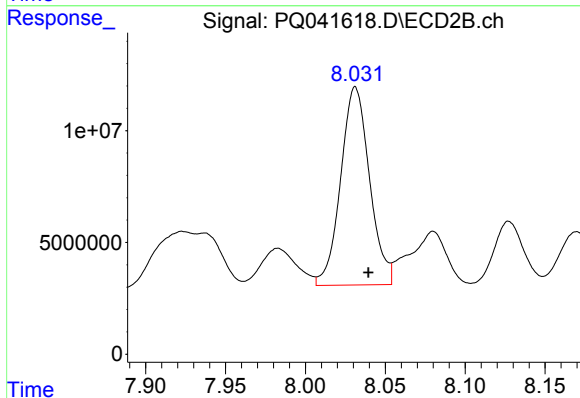
R.T.: 7.783 min
Delta R.T.: -0.008 min
Response: 159455467
Conc: 392.85 ng/ml



#29 AR-1254-4

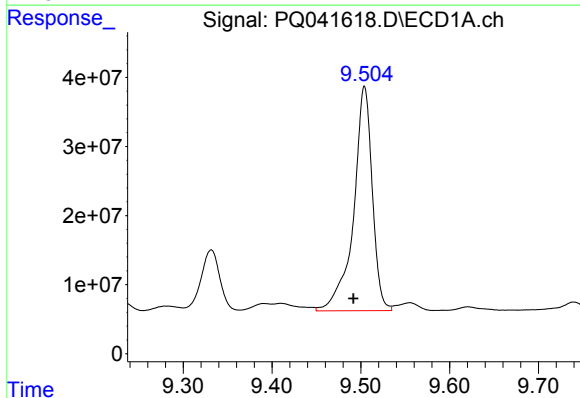
R.T.: 9.043 min
Delta R.T.: -0.010 min
Response: 127504388
Conc: 352.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



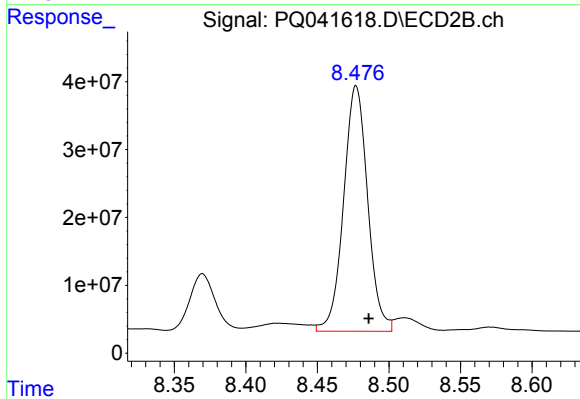
#29 AR-1254-4

R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 111543652
Conc: 408.30 ng/ml



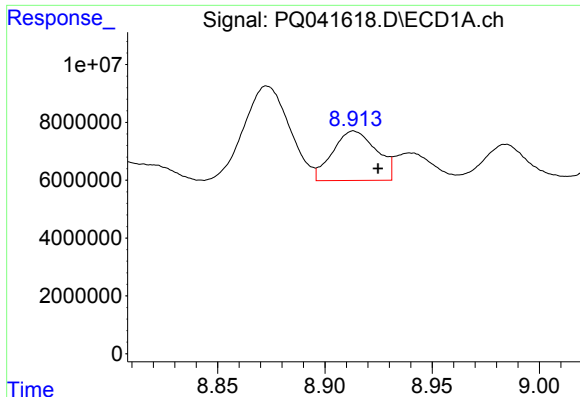
#30 AR-1254-5

R.T.: 9.504 min
Delta R.T.: 0.012 min
Response: 475873257
Conc: 1185.15 ng/ml



#30 AR-1254-5

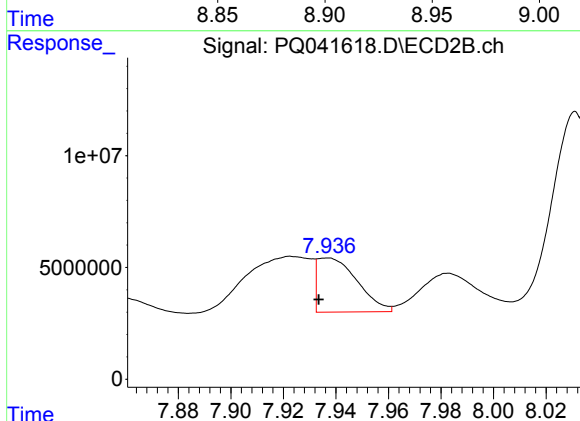
R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 423548227
Conc: 1060.80 ng/ml



#31 AR-1260-1

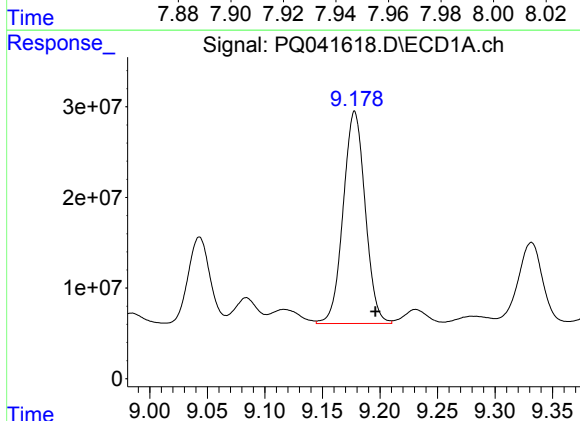
R.T.: 8.914 min
Delta R.T.: -0.011 min
Response: 24319329
Conc: 80.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



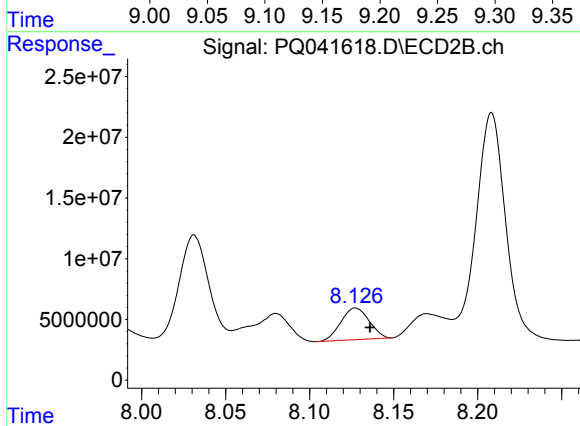
#31 AR-1260-1

R.T.: 7.937 min
Delta R.T.: 0.003 min
Response: 25564070
Conc: 96.12 ng/ml



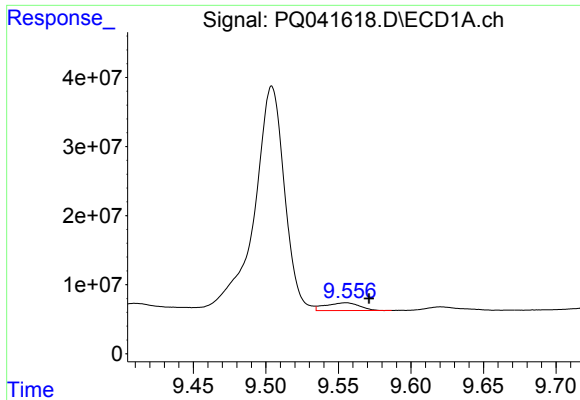
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.018 min
Response: 311335961
Conc: 679.23 ng/ml



#32 AR-1260-2

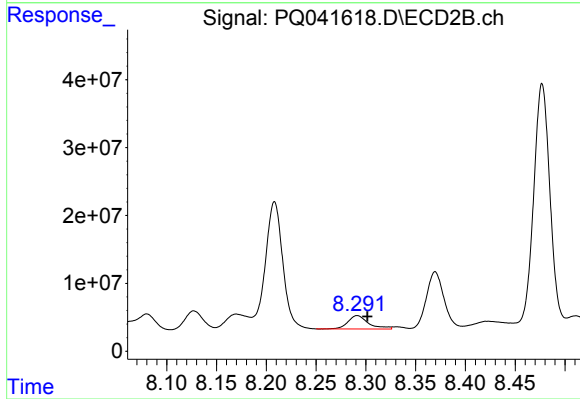
R.T.: 8.127 min
Delta R.T.: -0.009 min
Response: 30546446
Conc: 84.18 ng/ml



#33 AR-1260-3

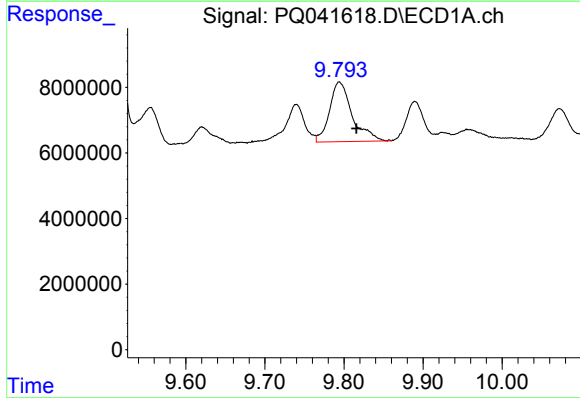
R.T.: 9.555 min
Delta R.T.: -0.016 min
Response: 18594020
Conc: 43.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



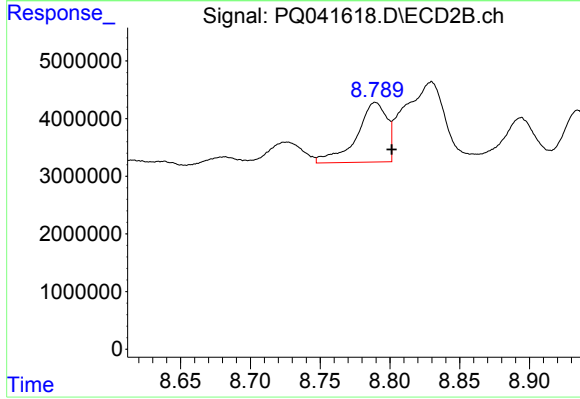
#33 AR-1260-3

R.T.: 8.291 min
Delta R.T.: -0.010 min
Response: 28058178
Conc: 89.35 ng/ml



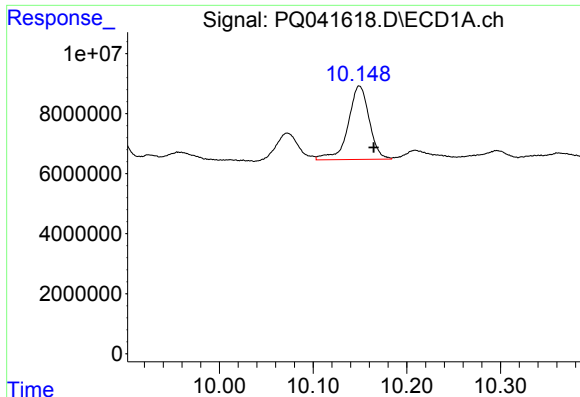
#34 AR-1260-4

R.T.: 9.794 min
Delta R.T.: -0.022 min
Response: 36179960
Conc: 85.95 ng/ml



#34 AR-1260-4

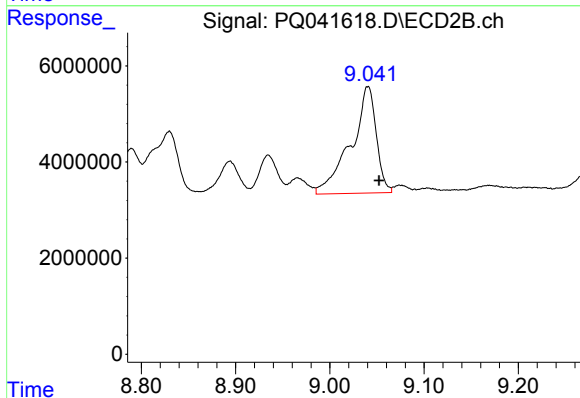
R.T.: 8.790 min
Delta R.T.: -0.012 min
Response: 15592905
Conc: 54.77 ng/ml



#35 AR-1260-5

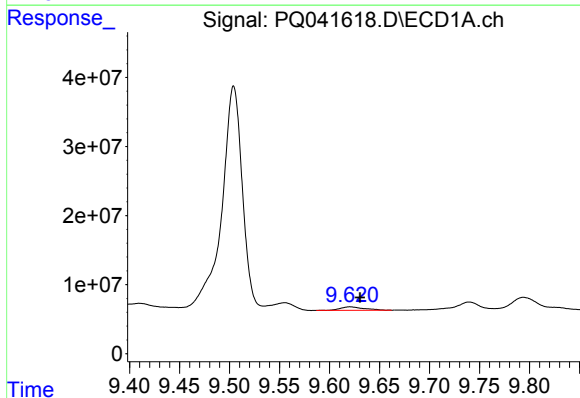
R.T.: 10.149 min
Delta R.T.: -0.015 min
Response: 38202721
Conc: 35.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



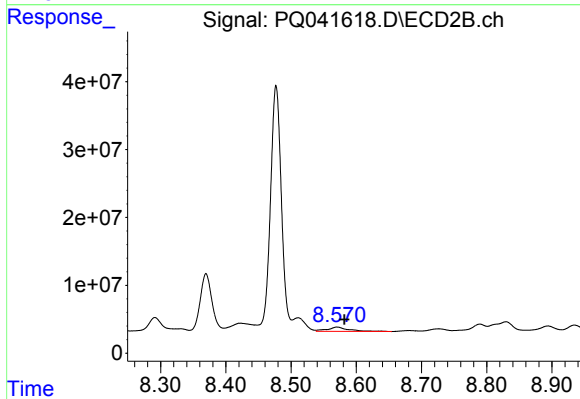
#35 AR-1260-5

R.T.: 9.040 min
Delta R.T.: -0.012 min
Response: 41480941
Conc: 55.79 ng/ml



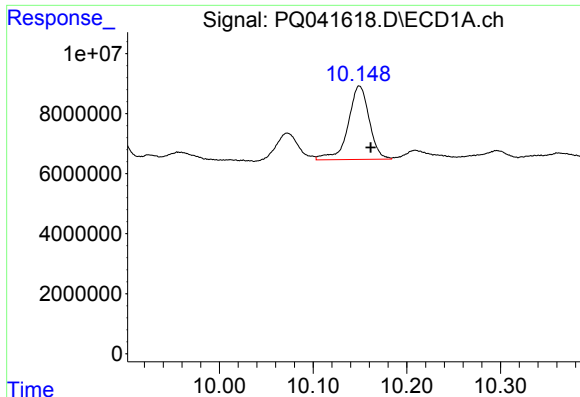
#36 AR-1262-1

R.T.: 9.620 min
Delta R.T.: -0.010 min
Response: 8698682
Conc: 35.43 ng/ml



#36 AR-1262-1

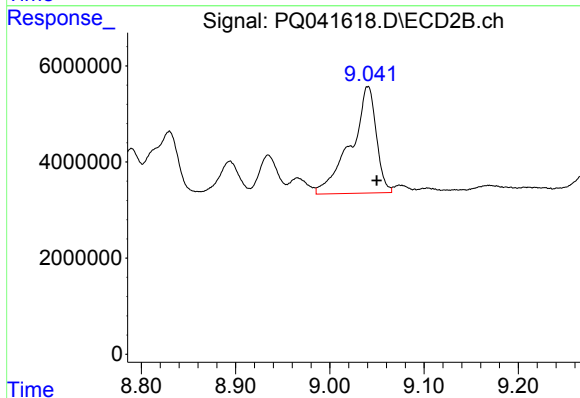
R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 14968568
Conc: 77.82 ng/ml



#37 AR-1262-2

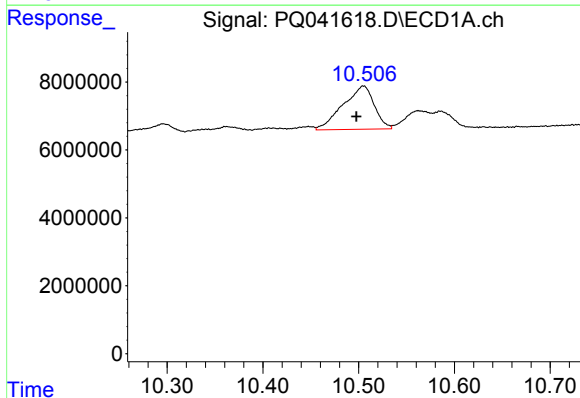
R.T.: 10.149 min
Delta R.T.: -0.012 min
Response: 38202721
Conc: 31.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



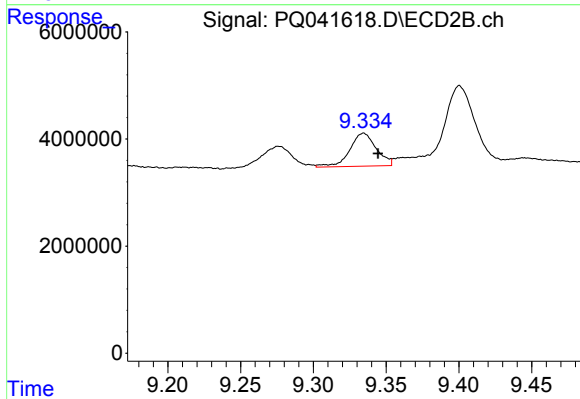
#37 AR-1262-2

R.T.: 9.040 min
Delta R.T.: -0.009 min
Response: 41480941
Conc: 49.37 ng/ml



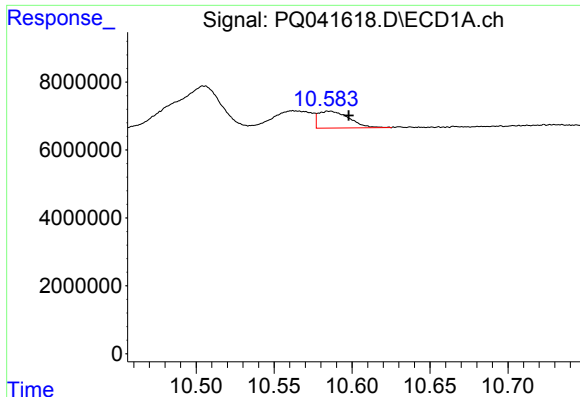
#38 AR-1262-3

R.T.: 10.505 min
Delta R.T.: 0.007 min
Response: 28990465
Conc: 34.79 ng/ml



#38 AR-1262-3

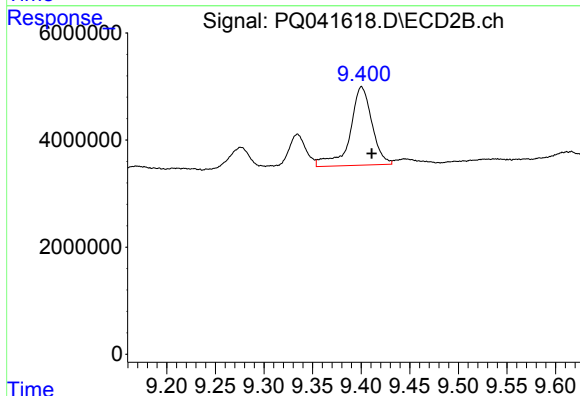
R.T.: 9.335 min
Delta R.T.: -0.010 min
Response: 7800333
Conc: 22.18 ng/ml



#39 AR-1262-4

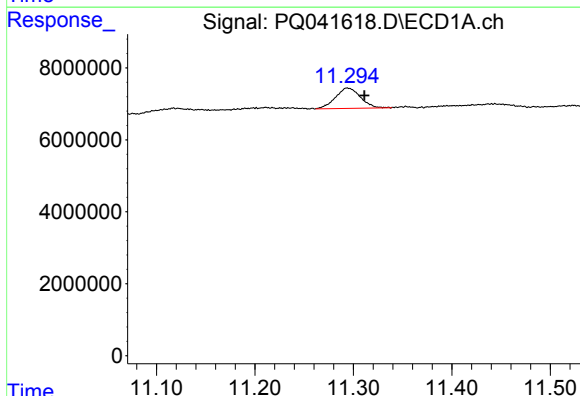
R.T.: 10.585 min
Delta R.T.: -0.012 min
Response: 6860667
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



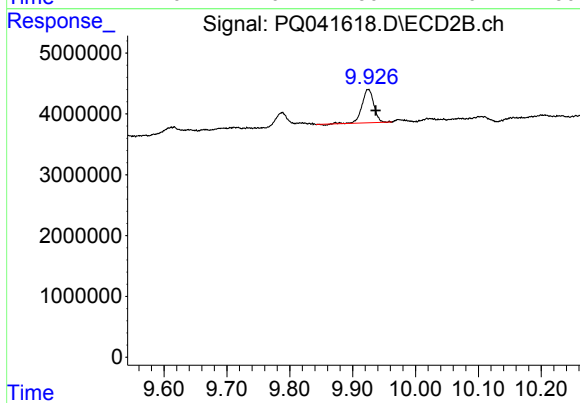
#39 AR-1262-4

R.T.: 9.400 min
Delta R.T.: -0.010 min
Response: 23011087
Conc: 39.15 ng/ml



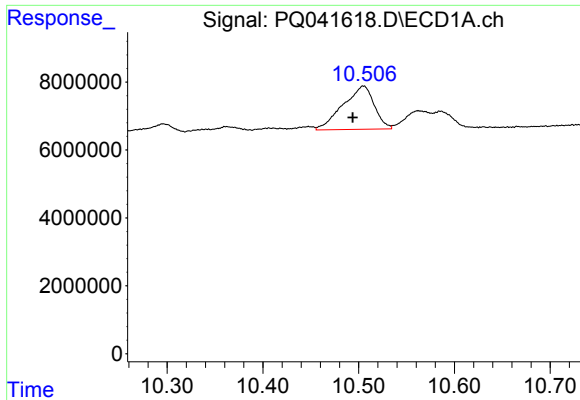
#40 AR-1262-5

R.T.: 11.294 min
Delta R.T.: -0.017 min
Response: 10027587
Conc: 21.94 ng/ml



#40 AR-1262-5

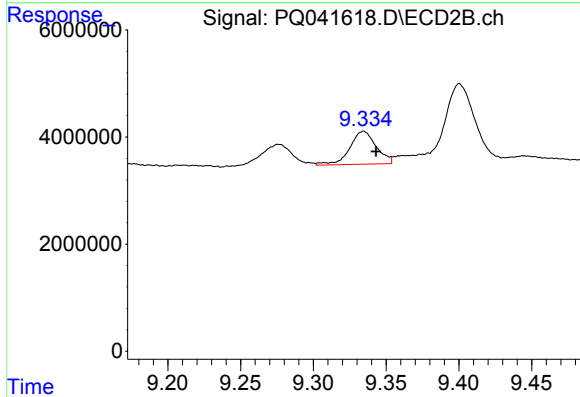
R.T.: 9.925 min
Delta R.T.: -0.012 min
Response: 7205807
Conc: 30.03 ng/ml



#41 AR-1268-1

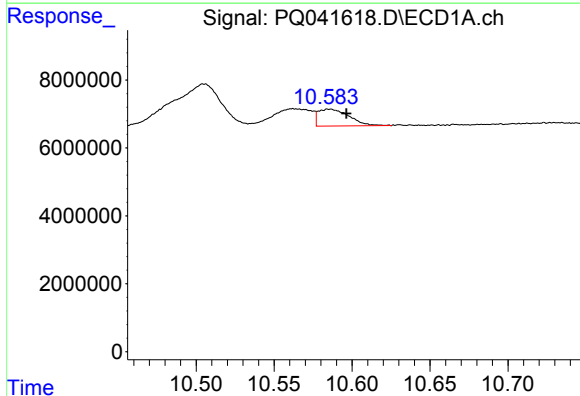
R.T.: 10.505 min
Delta R.T.: 0.011 min
Response: 28990465
Conc: 16.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



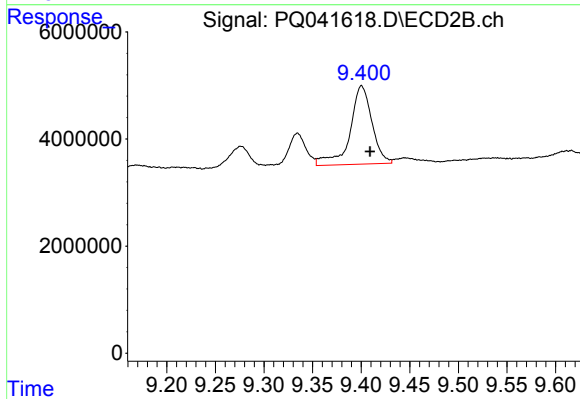
#41 AR-1268-1

R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 7800333
Conc: 6.83 ng/ml



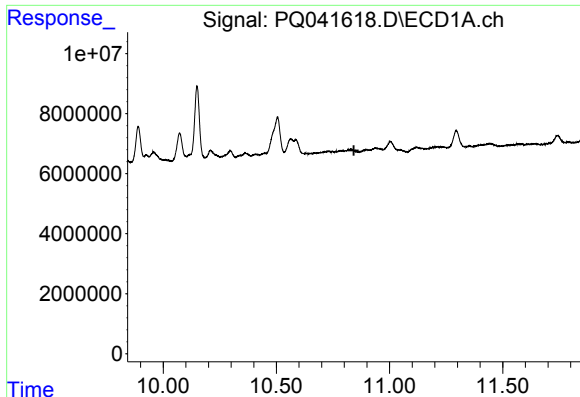
#42 AR-1268-2

R.T.: 10.585 min
Delta R.T.: -0.011 min
Response: 6860667
Conc: 4.30 ng/ml



#42 AR-1268-2

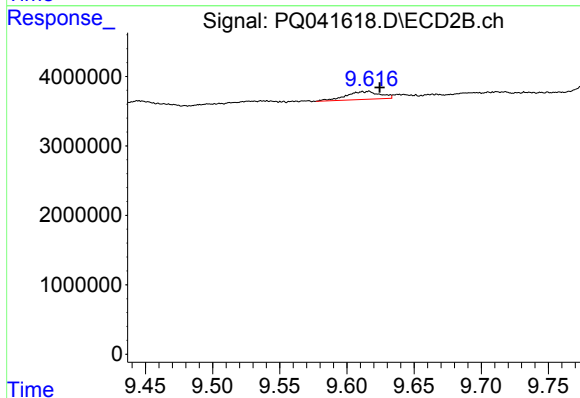
R.T.: 9.400 min
Delta R.T.: -0.009 min
Response: 23011087
Conc: 23.68 ng/ml



#43 AR-1268-3

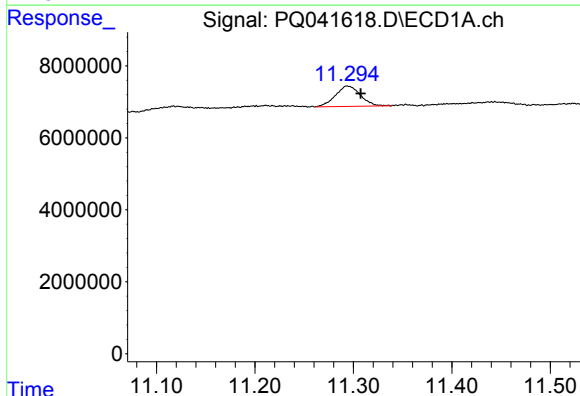
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



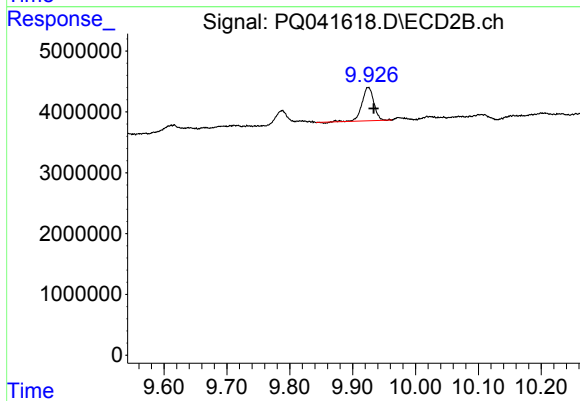
#43 AR-1268-3

R.T.: 9.616 min
Delta R.T.: -0.008 min
Response: 2008402
Conc: 2.52 ng/ml



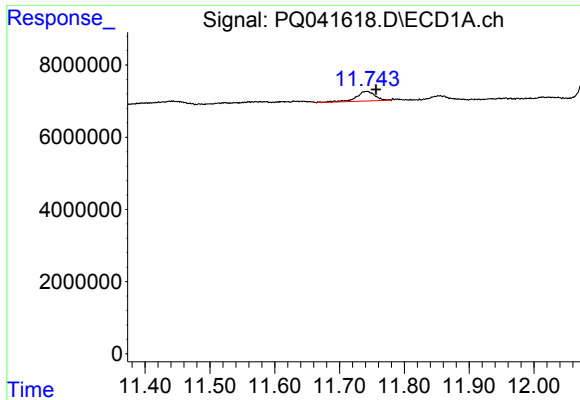
#44 AR-1268-4

R.T.: 11.294 min
Delta R.T.: -0.013 min
Response: 10027587
Conc: 17.67 ng/ml



#44 AR-1268-4

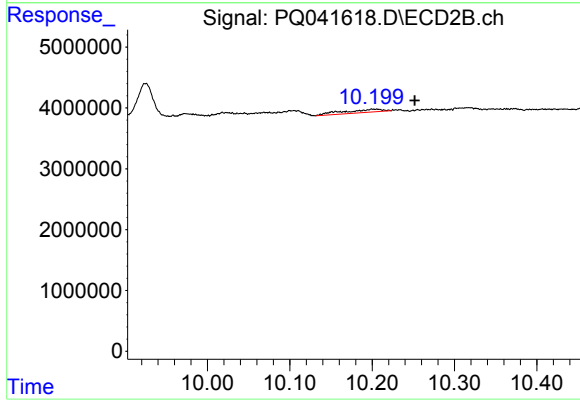
R.T.: 9.925 min
Delta R.T.: -0.009 min
Response: 7205807
Conc: 23.48 ng/ml



#45 AR-1268-5

R.T.: 11.742 min
Delta R.T.: -0.014 min
Response: 5344752
Conc: 1.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.206 min
Delta R.T.: -0.046 min
Response: 1656459
Conc: 0.84 ng/ml