

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041525.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 10:06
 Operator : SM\AJ
 Sample : PB121664BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:39:51 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...	5.702	4.759	77646444	64105117	20.283	21.325
2)	SA Decachlor...	12.111	10.525	383.1E6	190.7E6	37.039	41.846
Target Compounds							
3)	L1 AR-1016-1	7.149	6.213	21919644	20118382	125.591	137.503
4)	L1 AR-1016-2	7.174	6.236	30695665	27252237	116.394	130.931
5)	L1 AR-1016-3	7.244	6.450	19223982	14358776	118.833	127.175
6)	L1 AR-1016-4	7.357	6.504	15383612	11787129	114.148	129.294
7)	L1 AR-1016-5	7.691	6.756	16826967	14894829	126.452	123.937
9)	L2 AR-1221-2	0.000	5.183	0	2271562	N.D.	71.769 #
10)	L2 AR-1221-3	6.187	5.289	8974511	7952619	74.431	75.064
11)	L3 AR-1232-1	6.187	5.289	8974511	7952619	100.026	104.829
12)	L3 AR-1232-2	6.831	6.236	13129561	27252237	265.890	291.716
13)	L3 AR-1232-3	7.174	6.450	30695665	14358776	271.208	298.314
14)	L3 AR-1232-4	7.357	6.553	15383612	14540989	260.263	337.263 #
15)	L3 AR-1232-5	7.463	6.756	12366877	14894829	335.101	307.925
16)	L4 AR-1242-1	7.149	6.213	21919644	20118382	174.995	190.626
17)	L4 AR-1242-2	7.174	6.236	30695665	27252237	161.188	175.745
18)	L4 AR-1242-3	7.244	6.450	19223982	14358776	162.593	172.059
19)	L4 AR-1242-4	7.357	6.553	15383612	14540989	156.947	178.527
20)	L4 AR-1242-5	0.000	7.166	0	13298086	N.D.	106.530 #
21)	L5 AR-1248-1	7.149	6.213	21919644	20118382	236.309	250.484
22)	L5 AR-1248-2	7.463	6.504	12366877	11787129	100.496	105.228
23)	L5 AR-1248-3	7.691	6.553	16826967	14540989	107.154	125.975
24)	L5 AR-1248-4	8.109	6.756	9325613	14894829	43.172	102.896 #
25)	L5 AR-1248-5	0.000	7.212	0	2286353	N.D.	13.586 #
26)	L6 AR-1254-1	8.109	7.166	9325613	13298086	46.007	52.292
27)	L6 AR-1254-2	8.346	7.334	14393570	13318881	41.673	58.215 #
28)	L6 AR-1254-3	8.742	7.797	9723286	24567447	23.464	60.527 #
29)	L6 AR-1254-4	9.044	8.030	7294595	2926464	20.155	10.712 #
30)	L6 AR-1254-5	9.484	8.477	64350816	55493148	160.264	138.985
31)	L7 AR-1260-1	8.915	7.923	37380032	36042863	123.729	135.523
32)	L7 AR-1260-2	9.187	8.126	52515274	49301343	114.570	135.873
33)	L7 AR-1260-3	9.561	8.291	39656699	41630666	93.400	132.573 #
34)	L7 AR-1260-4	9.804	8.791	44790390	32169430	106.404	113.002
35)	L7 AR-1260-5	10.152	9.042	108.8E6	93060366	101.793	125.151
36)	L8 AR-1262-1	9.622	8.575	22454919	24707587	91.460	128.458 #
37)	L8 AR-1262-2	10.152	9.042	108.8E6	93060366	89.568	110.766
38)	L8 AR-1262-3	10.508	9.337	70656220	20548717	84.782	58.423 #
39)	L8 AR-1262-4	10.568	9.402	40011130	62935376	61.417	107.086 #
40)	L8 AR-1262-5	11.299	9.927	44053693	19248306	96.372	80.217
41)	L9 AR-1268-1	10.508	9.337	70656220	20548717	39.153	17.984 #
42)	L9 AR-1268-2	10.568	9.402	40011130	62935376	25.075	64.765 #

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 Acq On : 25 Jul 2019 10:06
 Operator : SM\AJ
 Sample : PB121664BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

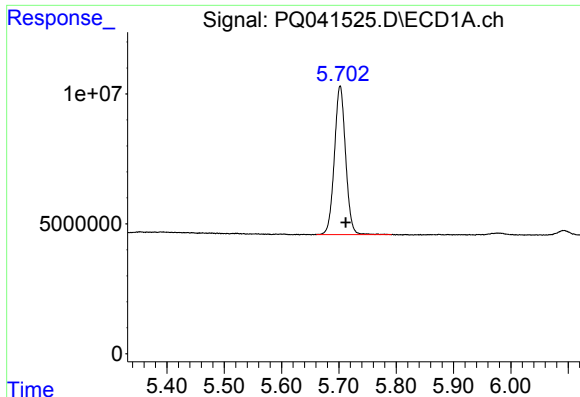
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:39:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.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
43) L9	AR-1268-3	10.838	9.619	4114598	2693582	2.927	3.374
44) L9	AR-1268-4	11.299	9.927	44053693	19248306	77.608	62.724
45) L9	AR-1268-5	11.747	10.245	11884566	6847421	2.743	3.466 #

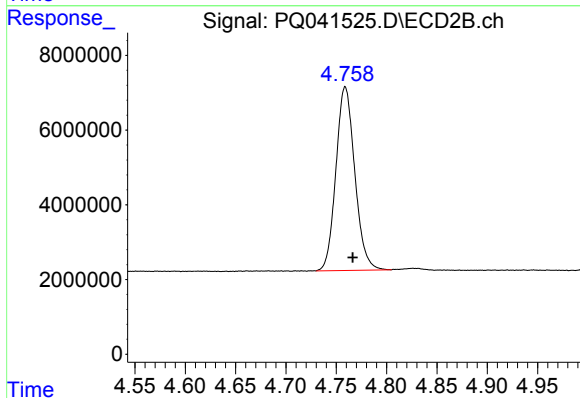
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

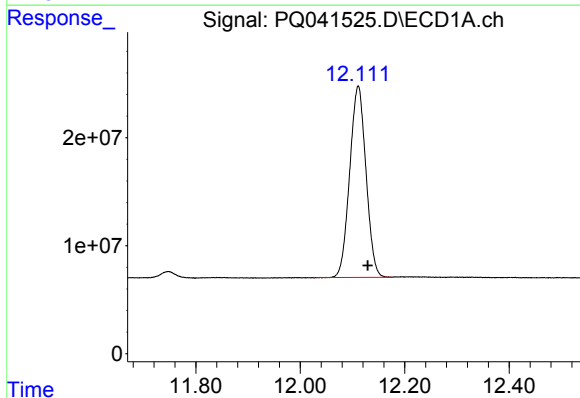
R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 77646444
Conc: 20.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



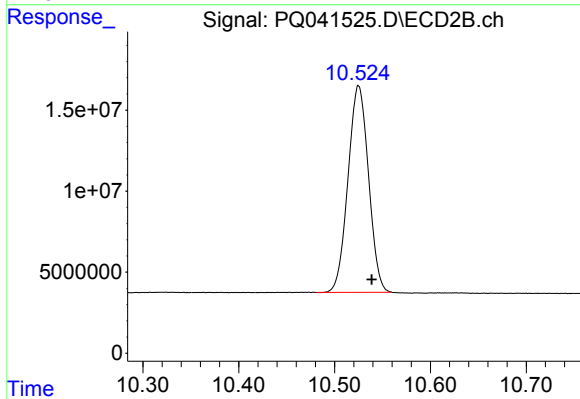
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.008 min
Response: 64105117
Conc: 21.33 ng/ml



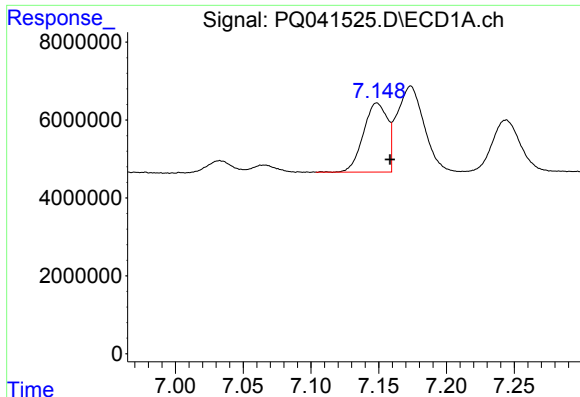
#2 Decachlorobiphenyl

R.T.: 12.111 min
Delta R.T.: -0.018 min
Response: 383121742
Conc: 37.04 ng/ml



#2 Decachlorobiphenyl

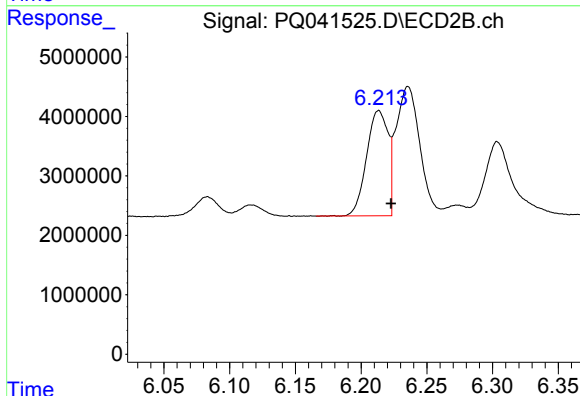
R.T.: 10.525 min
Delta R.T.: -0.014 min
Response: 190679727
Conc: 41.85 ng/ml



#3 AR-1016-1

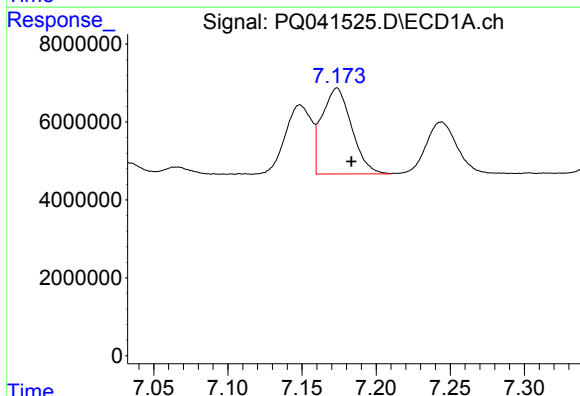
R.T.: 7.149 min
Delta R.T.: -0.010 min
Response: 21919644
Conc: 125.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



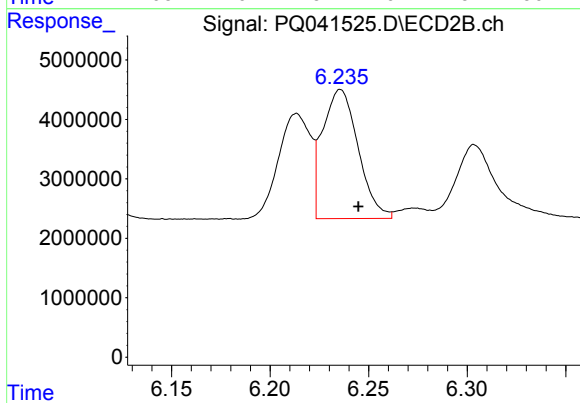
#3 AR-1016-1

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 20118382
Conc: 137.50 ng/ml



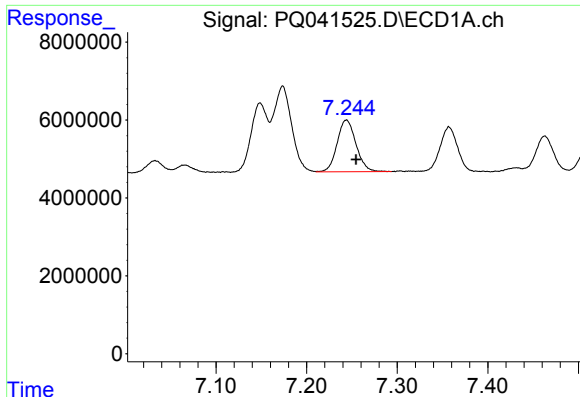
#4 AR-1016-2

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 30695665
Conc: 116.39 ng/ml



#4 AR-1016-2

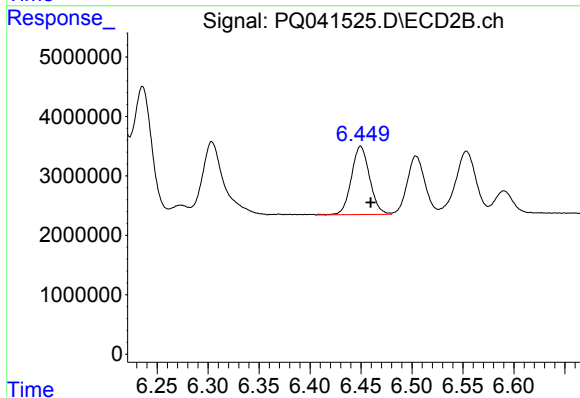
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 27252237
Conc: 130.93 ng/ml



#5 AR-1016-3

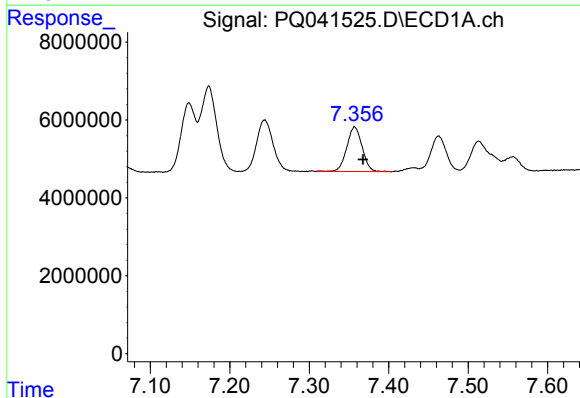
R.T.: 7.244 min
Delta R.T.: -0.011 min
Response: 19223982
Conc: 118.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



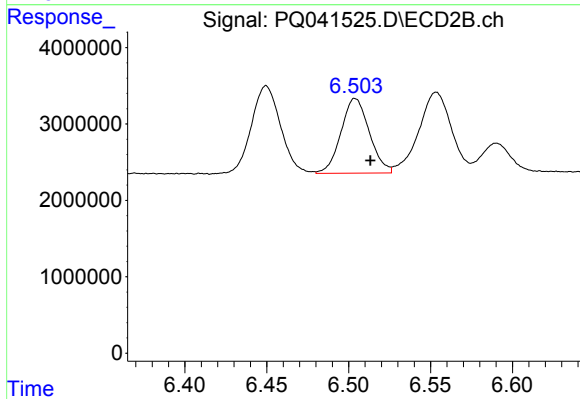
#5 AR-1016-3

R.T.: 6.450 min
Delta R.T.: -0.010 min
Response: 14358776
Conc: 127.17 ng/ml



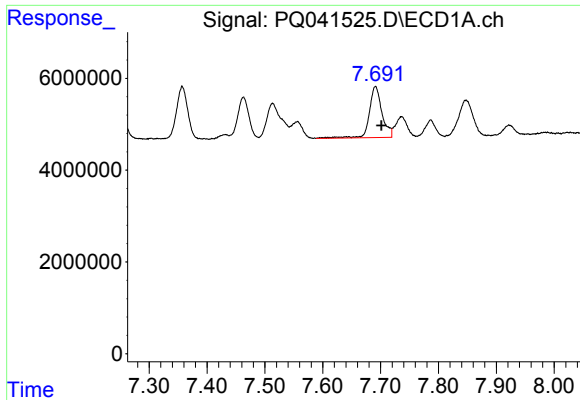
#6 AR-1016-4

R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 15383612
Conc: 114.15 ng/ml



#6 AR-1016-4

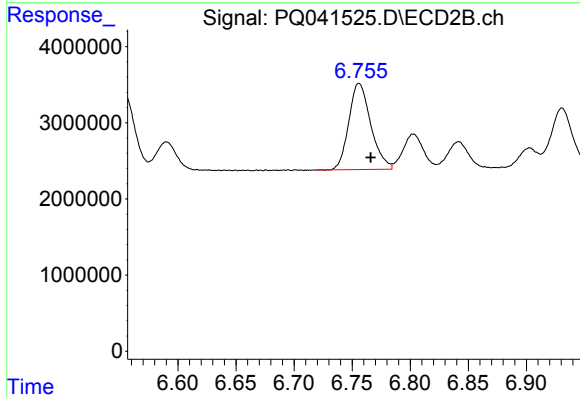
R.T.: 6.504 min
Delta R.T.: -0.010 min
Response: 11787129
Conc: 129.29 ng/ml



#7 AR-1016-5

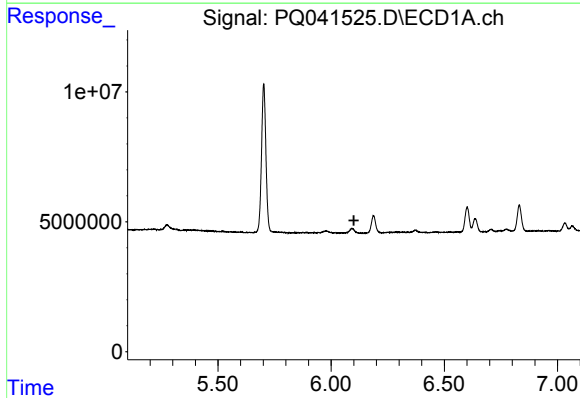
R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 16826967
Conc: 126.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



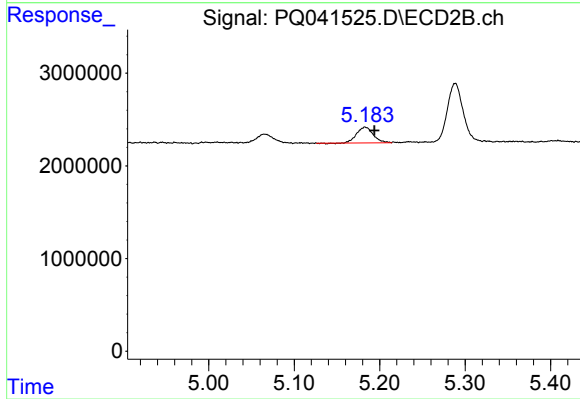
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 14894829
Conc: 123.94 ng/ml



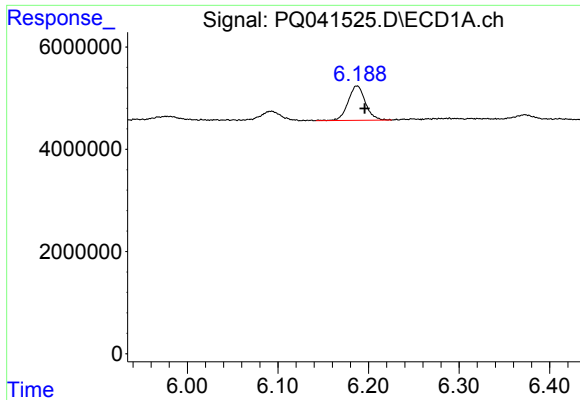
#9 AR-1221-2

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



#9 AR-1221-2

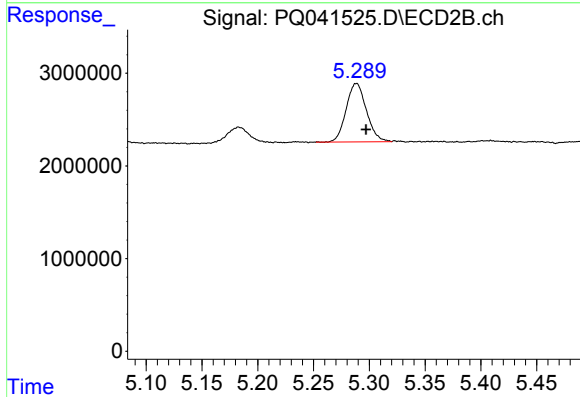
R.T.: 5.183 min
Delta R.T.: -0.011 min
Response: 2271562
Conc: 71.77 ng/ml



#10 AR-1221-3

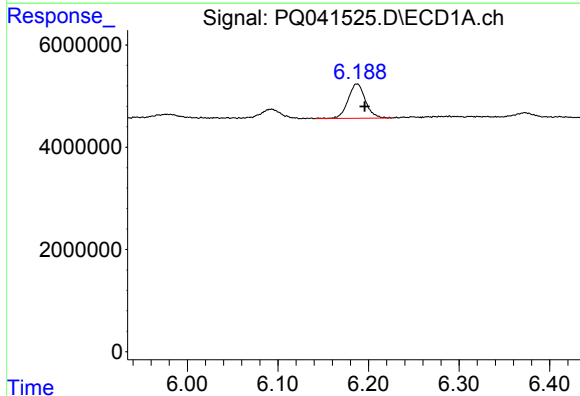
R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 8974511
Conc: 74.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



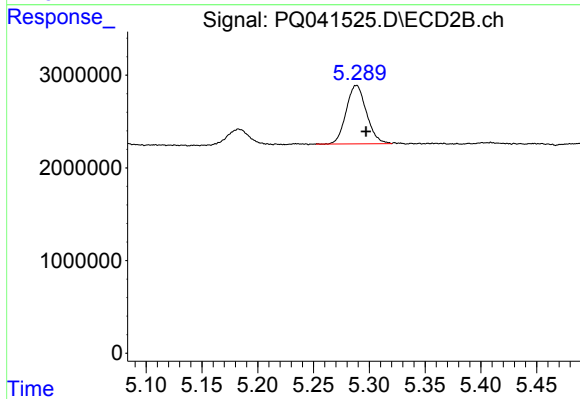
#10 AR-1221-3

R.T.: 5.289 min
Delta R.T.: -0.009 min
Response: 7952619
Conc: 75.06 ng/ml



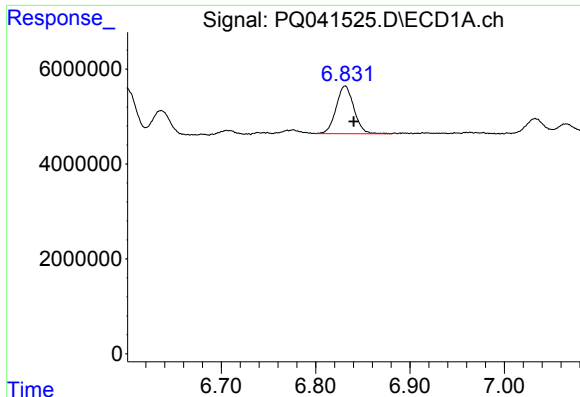
#11 AR-1232-1

R.T.: 6.187 min
Delta R.T.: -0.009 min
Response: 8974511
Conc: 100.03 ng/ml



#11 AR-1232-1

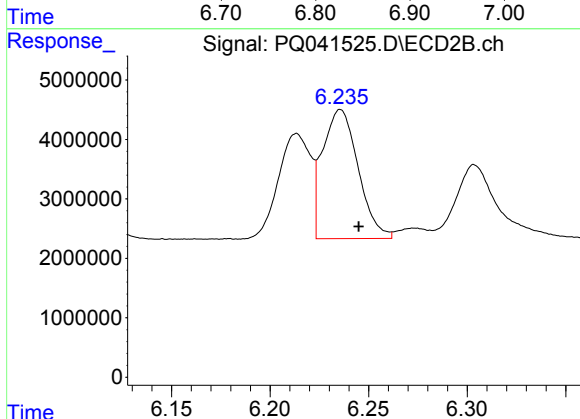
R.T.: 5.289 min
Delta R.T.: -0.008 min
Response: 7952619
Conc: 104.83 ng/ml



#12 AR-1232-2

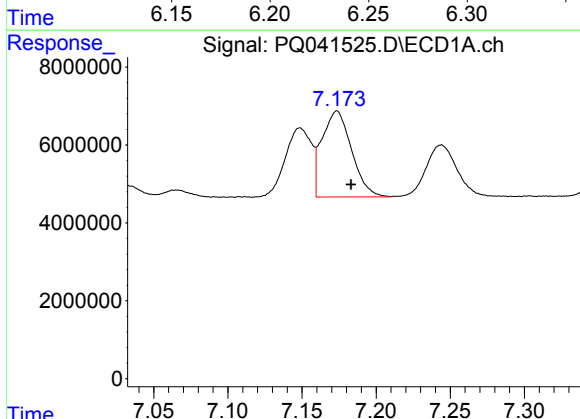
R.T.: 6.831 min
Delta R.T.: -0.009 min
Response: 13129561
Conc: 265.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



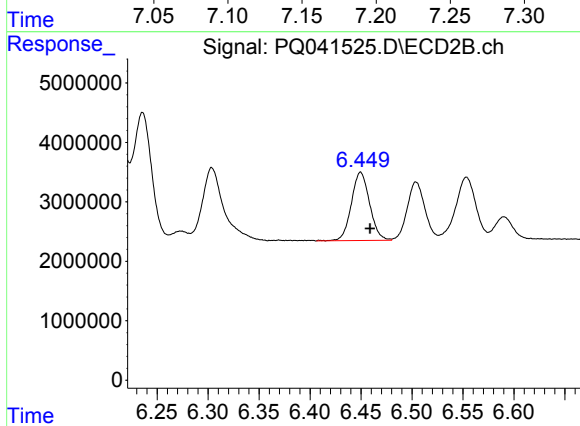
#12 AR-1232-2

R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 27252237
Conc: 291.72 ng/ml



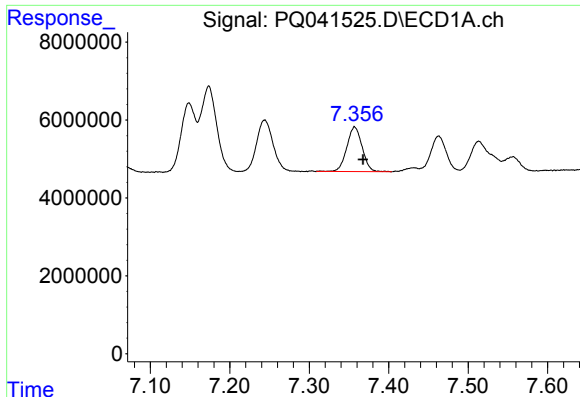
#13 AR-1232-3

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 30695665
Conc: 271.21 ng/ml



#13 AR-1232-3

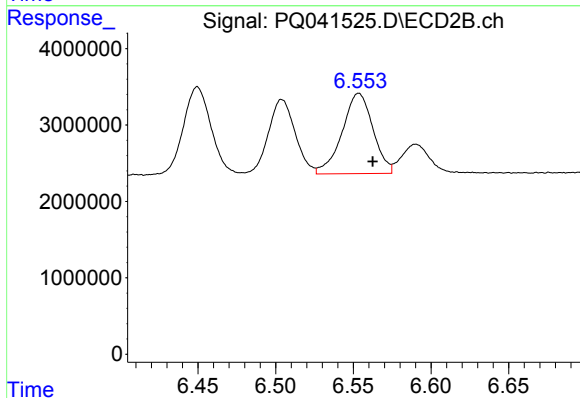
R.T.: 6.450 min
Delta R.T.: -0.009 min
Response: 14358776
Conc: 298.31 ng/ml



#14 AR-1232-4

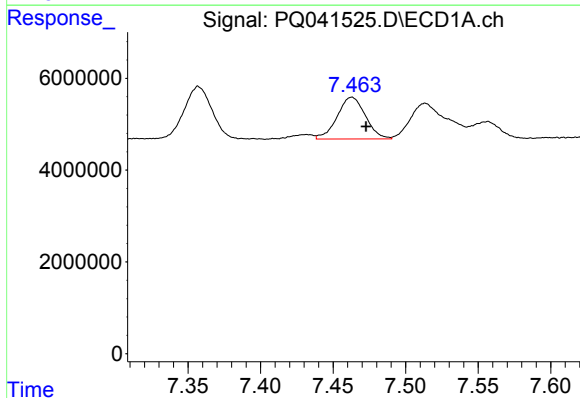
R.T.: 7.357 min
Delta R.T.: -0.011 min
Response: 15383612
Conc: 260.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



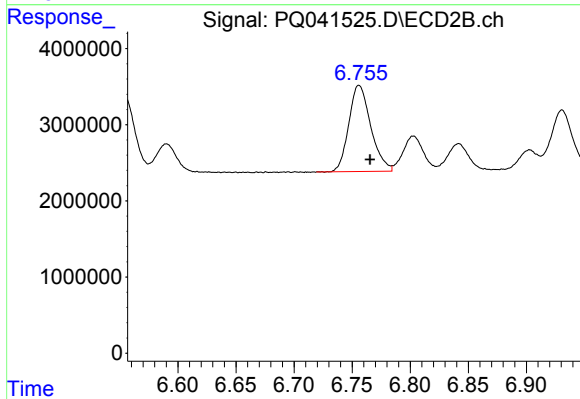
#14 AR-1232-4

R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 14540989
Conc: 337.26 ng/ml



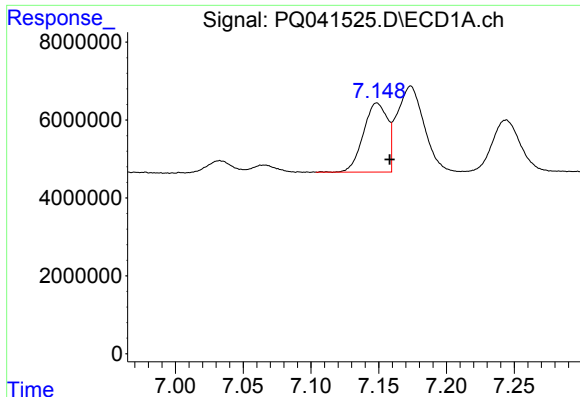
#15 AR-1232-5

R.T.: 7.463 min
Delta R.T.: -0.010 min
Response: 12366877
Conc: 335.10 ng/ml



#15 AR-1232-5

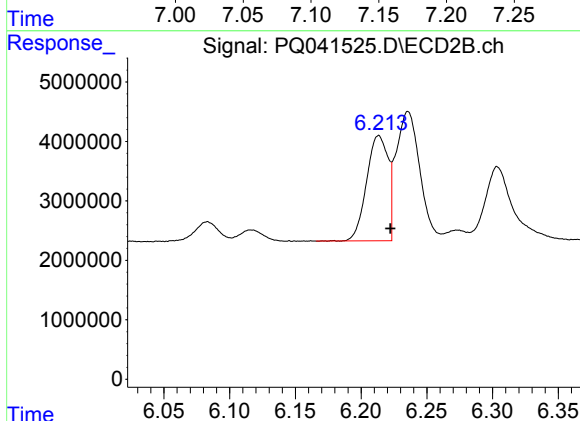
R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 14894829
Conc: 307.93 ng/ml



#16 AR-1242-1

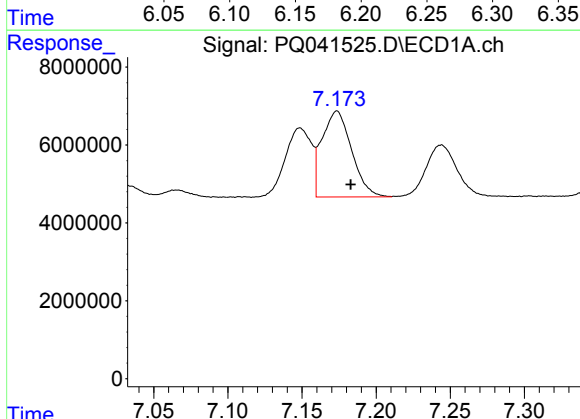
R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 21919644
Conc: 174.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



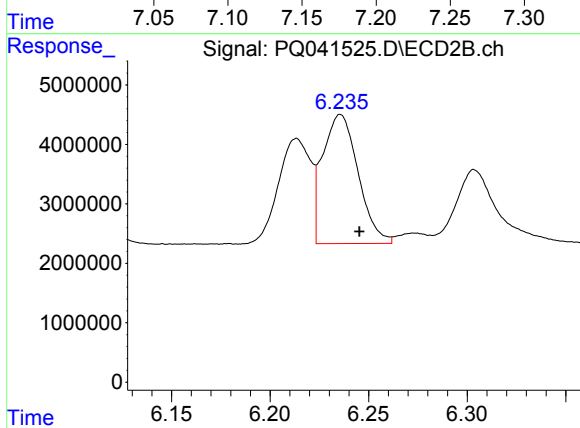
#16 AR-1242-1

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 20118382
Conc: 190.63 ng/ml



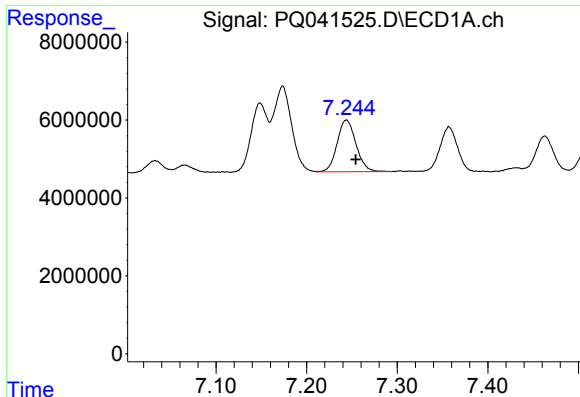
#17 AR-1242-2

R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 30695665
Conc: 161.19 ng/ml



#17 AR-1242-2

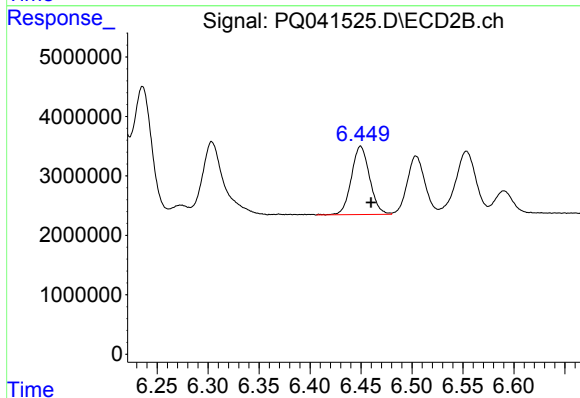
R.T.: 6.236 min
Delta R.T.: -0.010 min
Response: 27252237
Conc: 175.75 ng/ml



#18 AR-1242-3

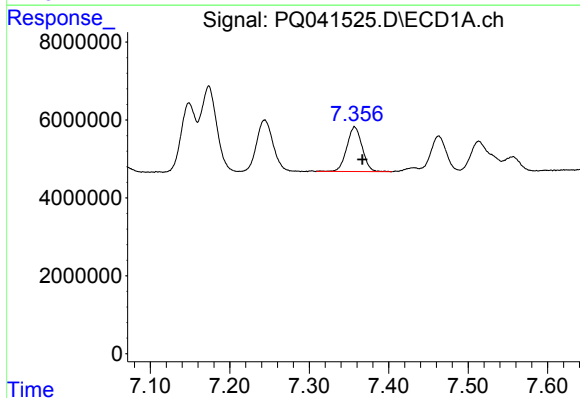
R.T.: 7.244 min
Delta R.T.: -0.010 min
Response: 19223982
Conc: 162.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



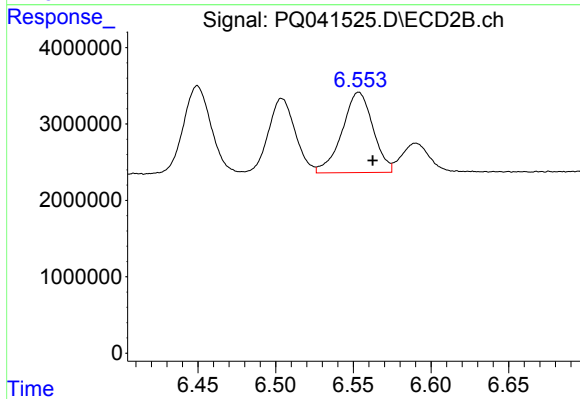
#18 AR-1242-3

R.T.: 6.450 min
Delta R.T.: -0.010 min
Response: 14358776
Conc: 172.06 ng/ml



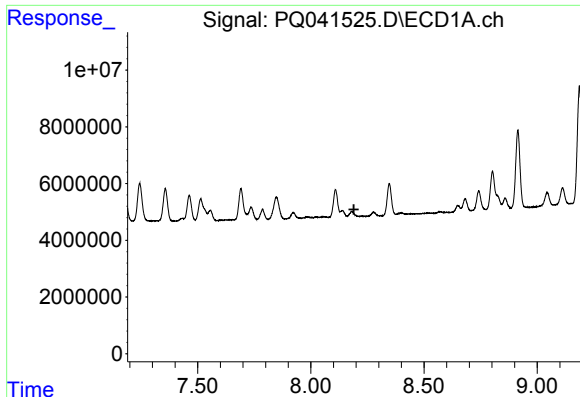
#19 AR-1242-4

R.T.: 7.357 min
Delta R.T.: -0.010 min
Response: 15383612
Conc: 156.95 ng/ml



#19 AR-1242-4

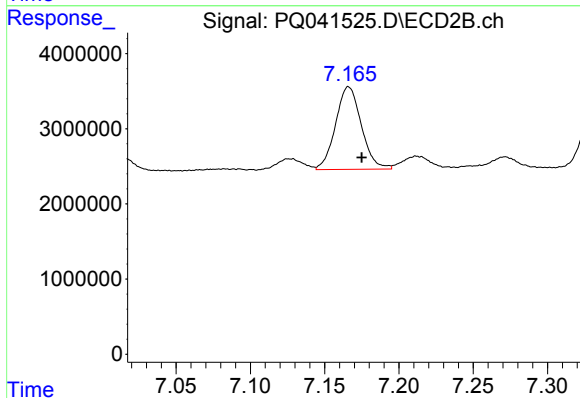
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 14540989
Conc: 178.53 ng/ml



#20 AR-1242-5

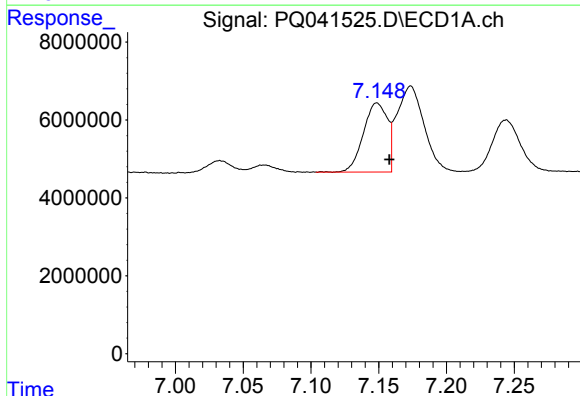
R.T.: 0.000 min
Exp R.T.: 8.190 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



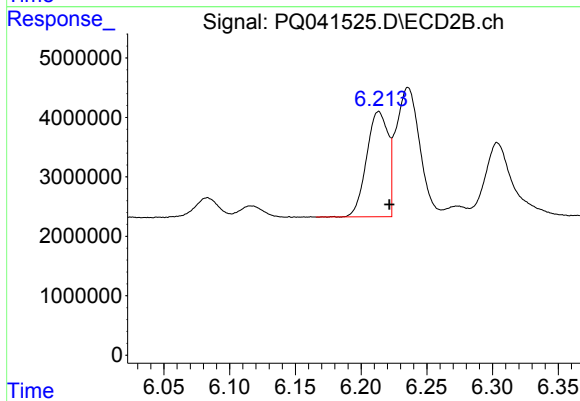
#20 AR-1242-5

R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 13298086
Conc: 106.53 ng/ml



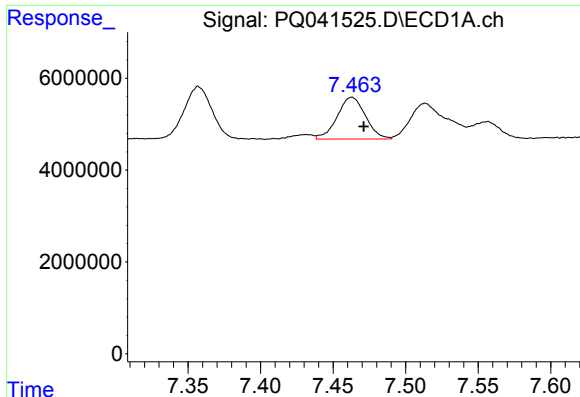
#21 AR-1248-1

R.T.: 7.149 min
Delta R.T.: -0.009 min
Response: 21919644
Conc: 236.31 ng/ml



#21 AR-1248-1

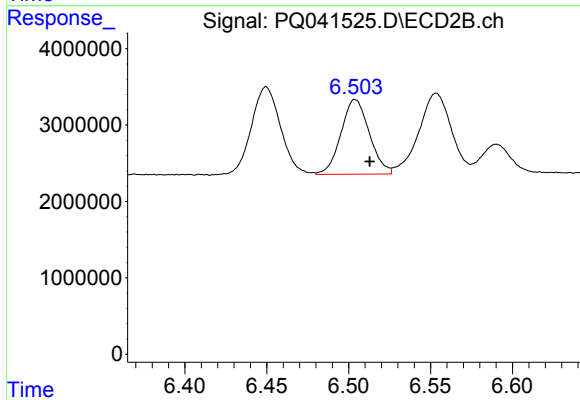
R.T.: 6.213 min
Delta R.T.: -0.008 min
Response: 20118382
Conc: 250.48 ng/ml



#22 AR-1248-2

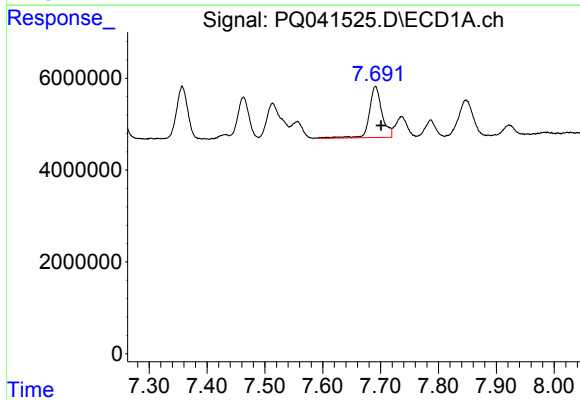
R.T.: 7.463 min
Delta R.T.: -0.008 min
Response: 12366877
Conc: 100.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



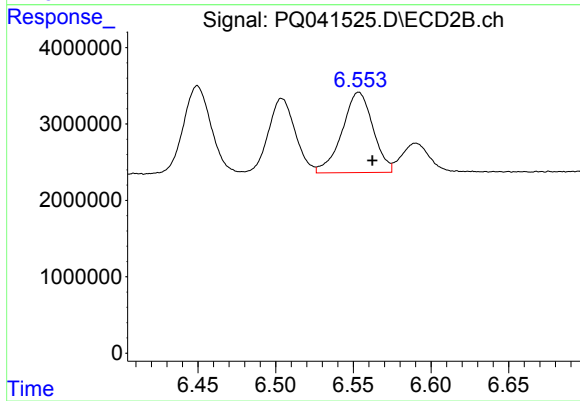
#22 AR-1248-2

R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 11787129
Conc: 105.23 ng/ml



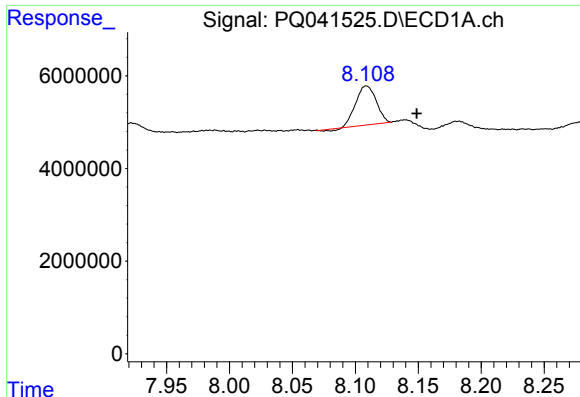
#23 AR-1248-3

R.T.: 7.691 min
Delta R.T.: -0.010 min
Response: 16826967
Conc: 107.15 ng/ml



#23 AR-1248-3

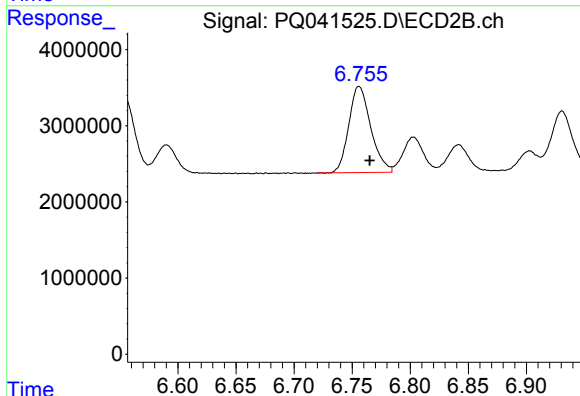
R.T.: 6.553 min
Delta R.T.: -0.009 min
Response: 14540989
Conc: 125.98 ng/ml



#24 AR-1248-4

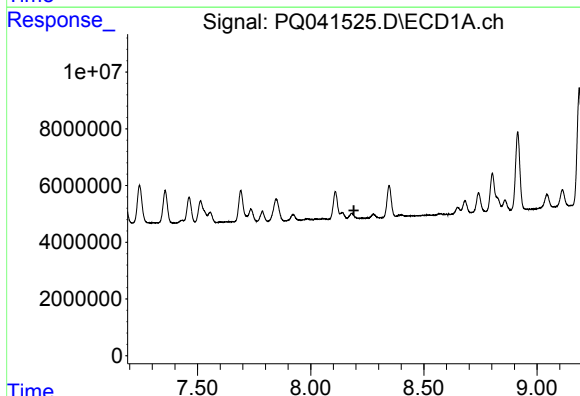
R.T.: 8.109 min
Delta R.T.: -0.040 min
Response: 9325613
Conc: 43.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



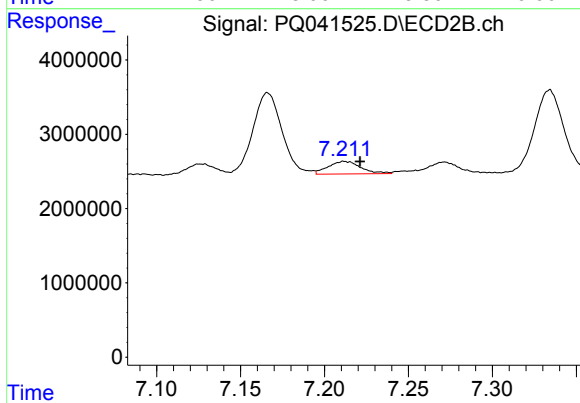
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 14894829
Conc: 102.90 ng/ml



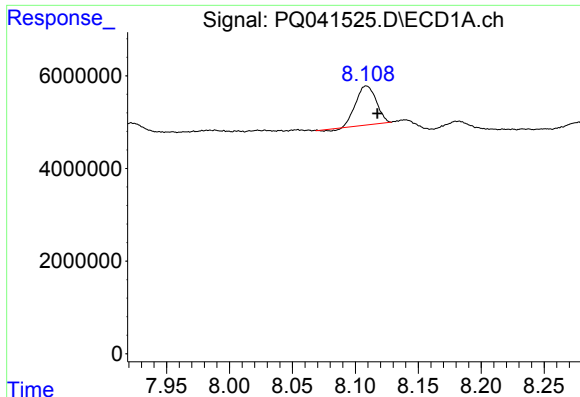
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 8.191 min
Response: 0
Conc: N.D.



#25 AR-1248-5

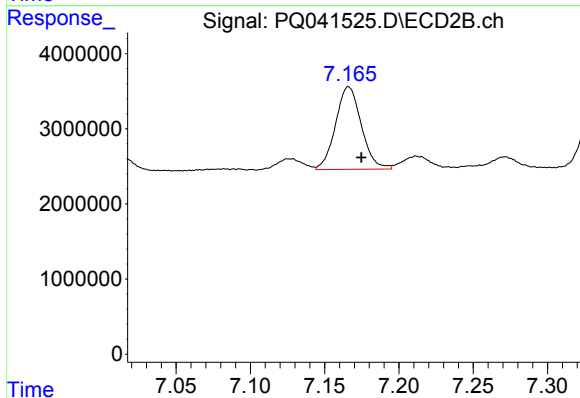
R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 2286353
Conc: 13.59 ng/ml



#26 AR-1254-1

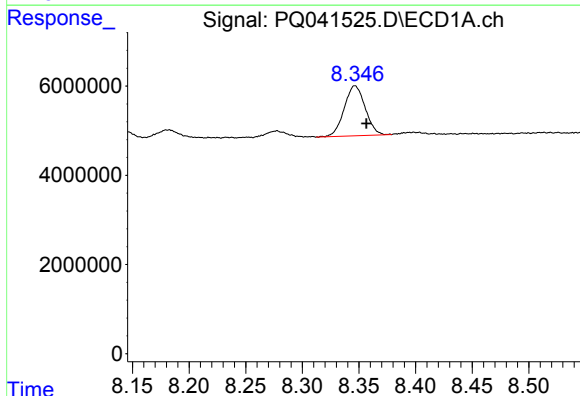
R.T.: 8.109 min
Delta R.T.: -0.009 min
Response: 9325613
Conc: 46.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



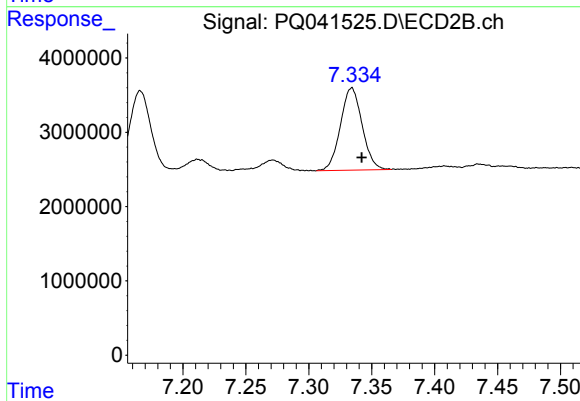
#26 AR-1254-1

R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 13298086
Conc: 52.29 ng/ml



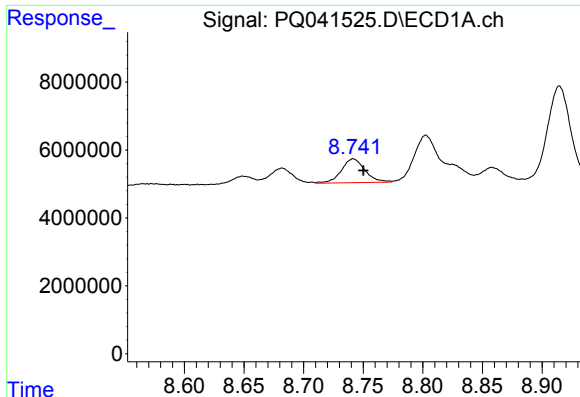
#27 AR-1254-2

R.T.: 8.346 min
Delta R.T.: -0.010 min
Response: 14393570
Conc: 41.67 ng/ml



#27 AR-1254-2

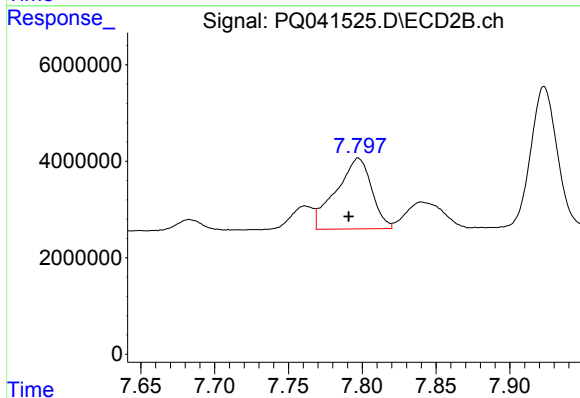
R.T.: 7.334 min
Delta R.T.: -0.008 min
Response: 13318881
Conc: 58.22 ng/ml



#28 AR-1254-3

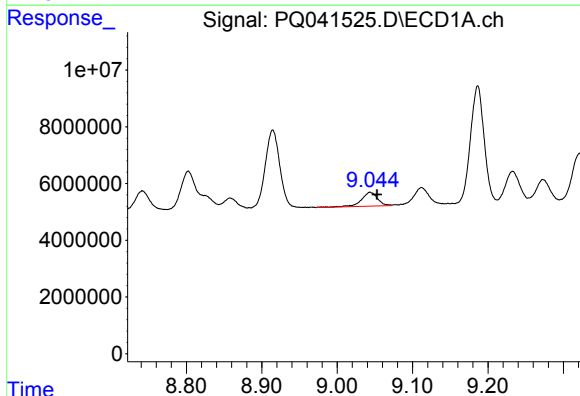
R.T.: 8.742 min
Delta R.T.: -0.008 min
Response: 9723286
Conc: 23.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



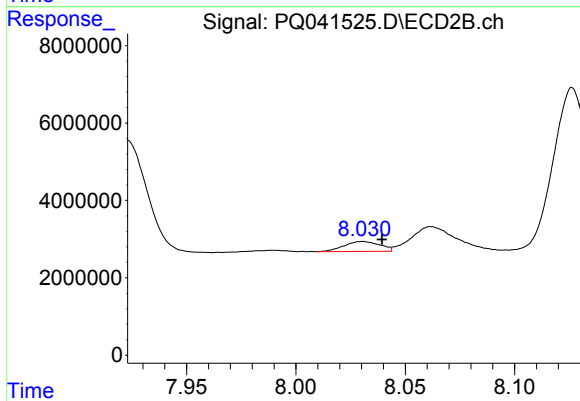
#28 AR-1254-3

R.T.: 7.797 min
Delta R.T.: 0.006 min
Response: 24567447
Conc: 60.53 ng/ml



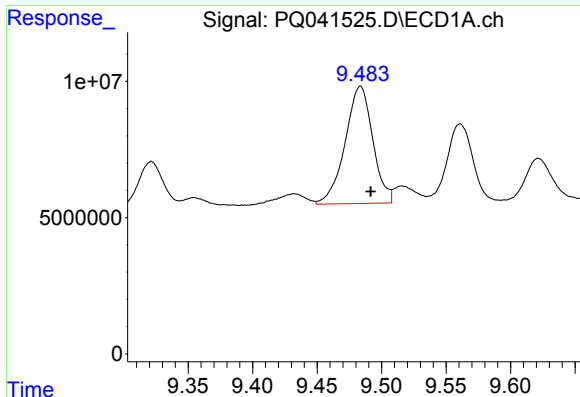
#29 AR-1254-4

R.T.: 9.044 min
Delta R.T.: -0.009 min
Response: 7294595
Conc: 20.15 ng/ml



#29 AR-1254-4

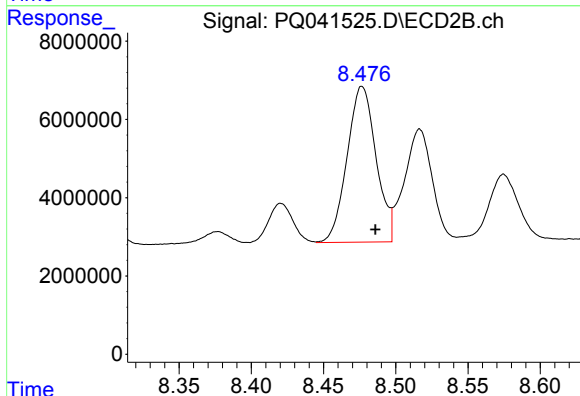
R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 2926464
Conc: 10.71 ng/ml



#30 AR-1254-5

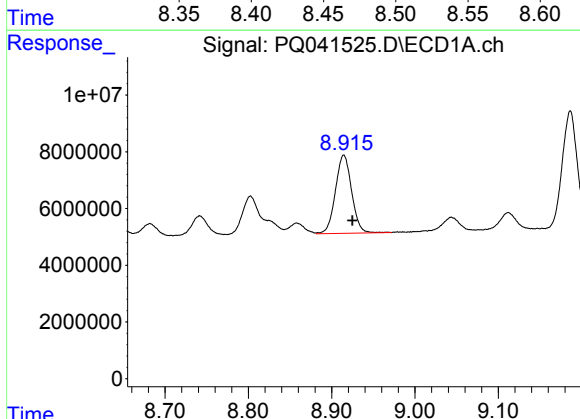
R.T.: 9.484 min
Delta R.T.: -0.008 min
Response: 64350816
Conc: 160.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



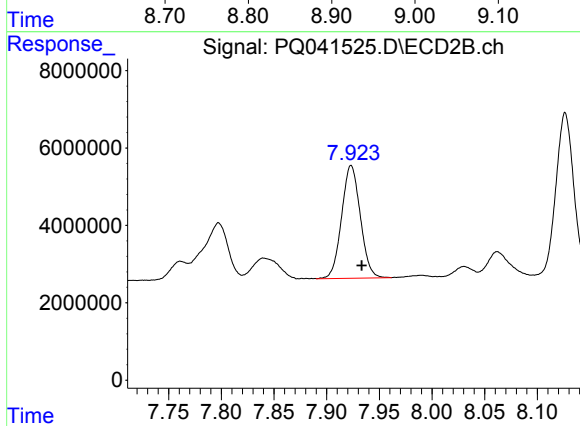
#30 AR-1254-5

R.T.: 8.477 min
Delta R.T.: -0.009 min
Response: 55493148
Conc: 138.99 ng/ml



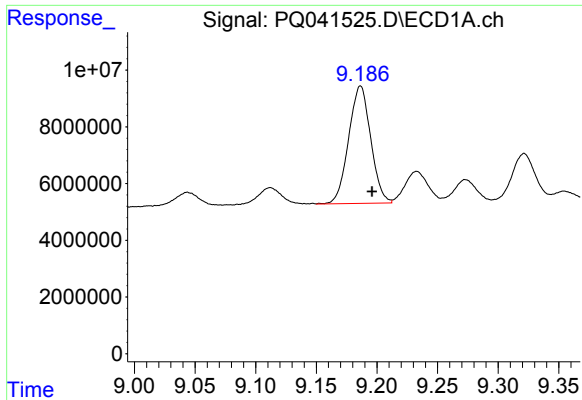
#31 AR-1260-1

R.T.: 8.915 min
Delta R.T.: -0.010 min
Response: 37380032
Conc: 123.73 ng/ml



#31 AR-1260-1

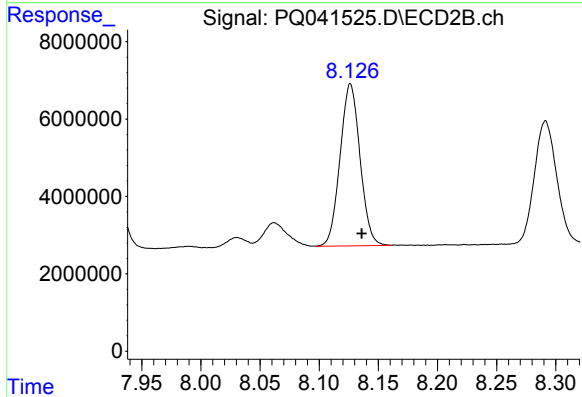
R.T.: 7.923 min
Delta R.T.: -0.010 min
Response: 36042863
Conc: 135.52 ng/ml



#32 AR-1260-2

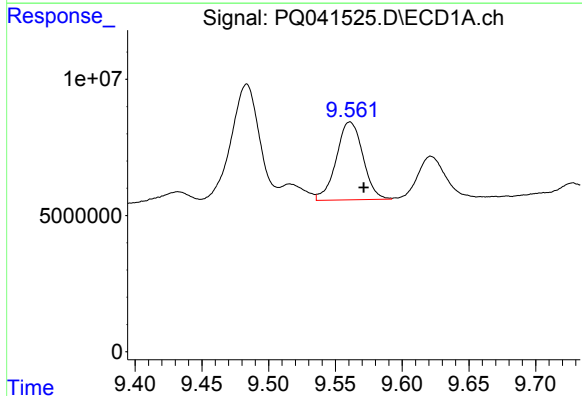
R.T.: 9.187 min
Delta R.T.: -0.009 min
Response: 52515274
Conc: 114.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



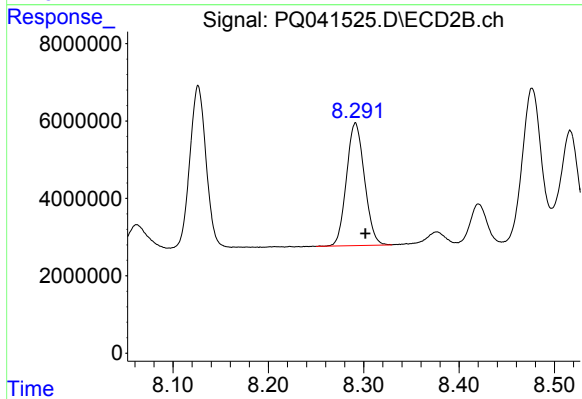
#32 AR-1260-2

R.T.: 8.126 min
Delta R.T.: -0.010 min
Response: 49301343
Conc: 135.87 ng/ml



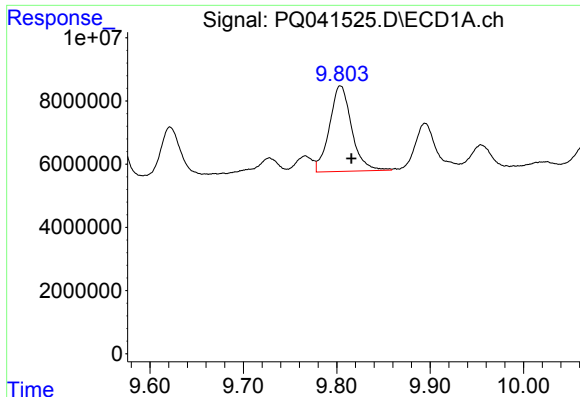
#33 AR-1260-3

R.T.: 9.561 min
Delta R.T.: -0.010 min
Response: 39656699
Conc: 93.40 ng/ml



#33 AR-1260-3

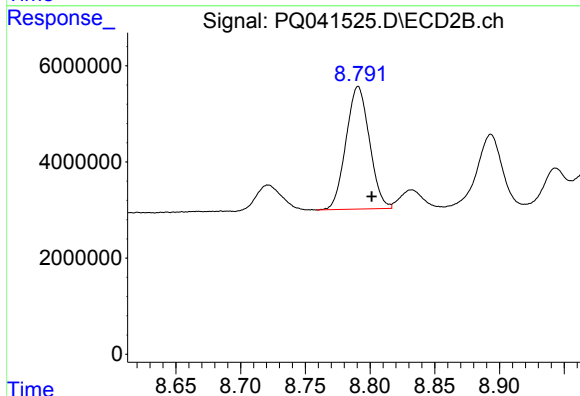
R.T.: 8.291 min
Delta R.T.: -0.010 min
Response: 41630666
Conc: 132.57 ng/ml



#34 AR-1260-4

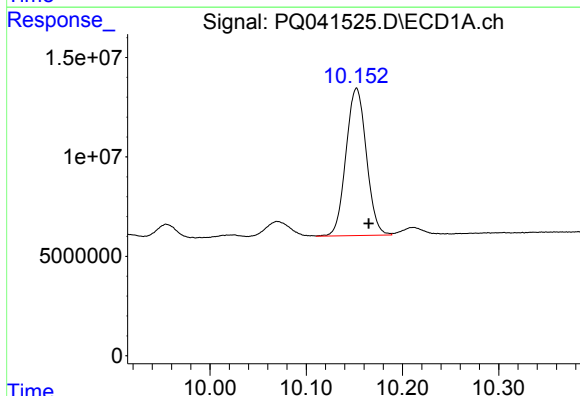
R.T.: 9.804 min
Delta R.T.: -0.012 min
Response: 44790390
Conc: 106.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



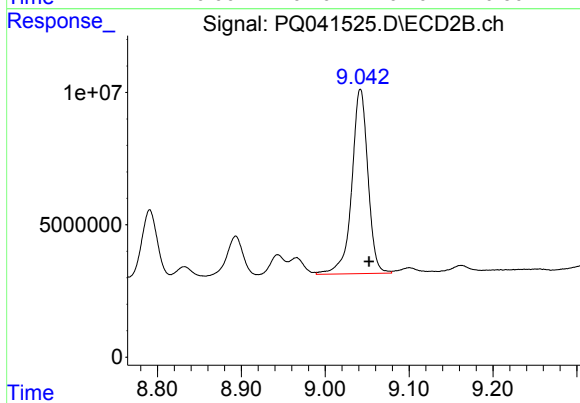
#34 AR-1260-4

R.T.: 8.791 min
Delta R.T.: -0.010 min
Response: 32169430
Conc: 113.00 ng/ml



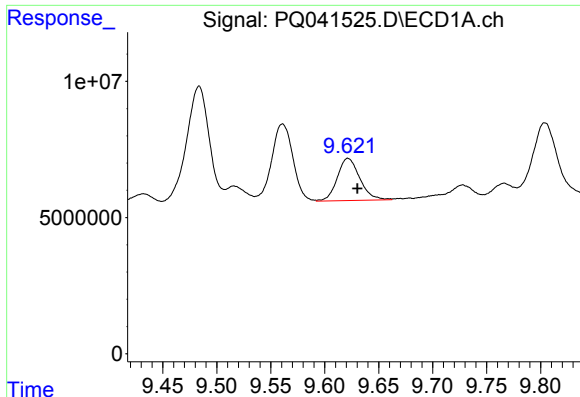
#35 AR-1260-5

R.T.: 10.152 min
Delta R.T.: -0.013 min
Response: 108774051
Conc: 101.79 ng/ml



#35 AR-1260-5

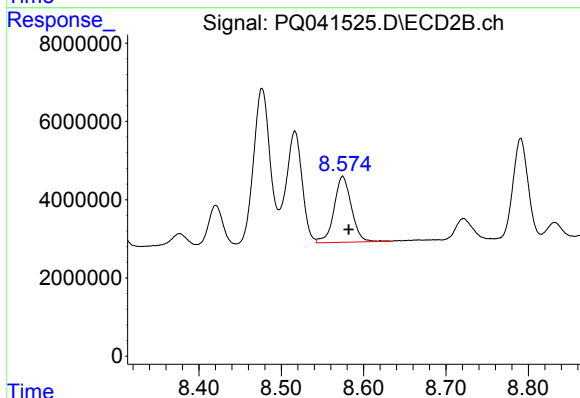
R.T.: 9.042 min
Delta R.T.: -0.010 min
Response: 93060366
Conc: 125.15 ng/ml



#36 AR-1262-1

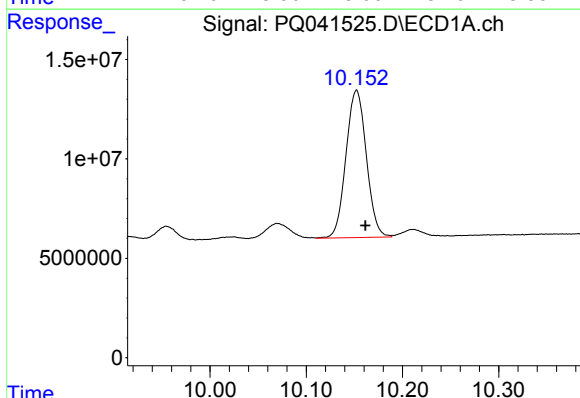
R.T.: 9.622 min
Delta R.T.: -0.009 min
Response: 22454919
Conc: 91.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



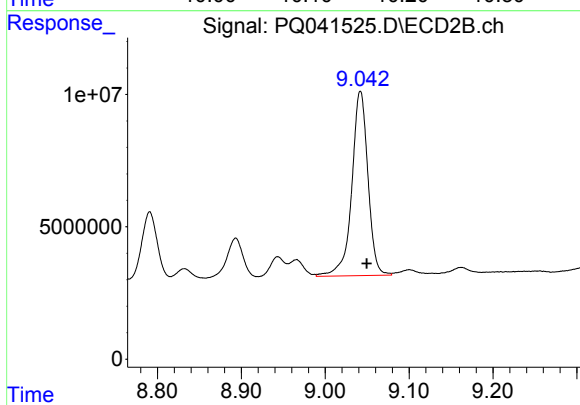
#36 AR-1262-1

R.T.: 8.575 min
Delta R.T.: -0.007 min
Response: 24707587
Conc: 128.46 ng/ml



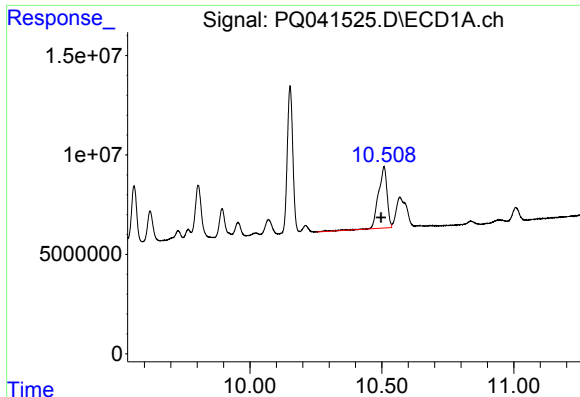
#37 AR-1262-2

R.T.: 10.152 min
Delta R.T.: -0.009 min
Response: 108774051
Conc: 89.57 ng/ml



#37 AR-1262-2

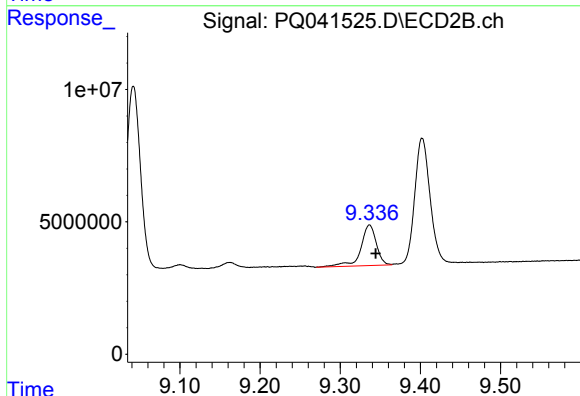
R.T.: 9.042 min
Delta R.T.: -0.008 min
Response: 93060366
Conc: 110.77 ng/ml



#38 AR-1262-3

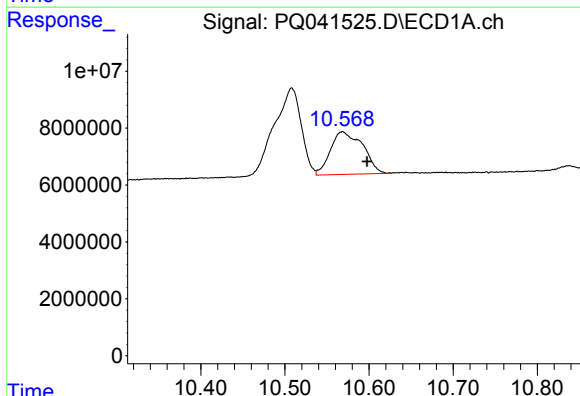
R.T.: 10.508 min
Delta R.T.: 0.010 min
Response: 70656220
Conc: 84.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



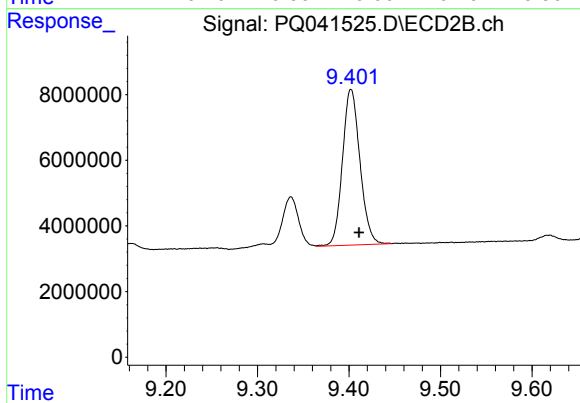
#38 AR-1262-3

R.T.: 9.337 min
Delta R.T.: -0.008 min
Response: 20548717
Conc: 58.42 ng/ml



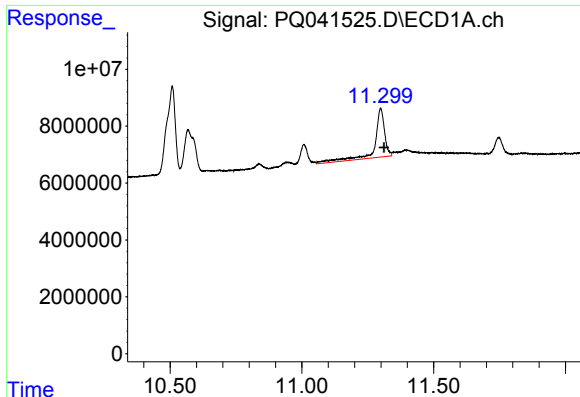
#39 AR-1262-4

R.T.: 10.568 min
Delta R.T.: -0.029 min
Response: 40011130
Conc: 61.42 ng/ml



#39 AR-1262-4

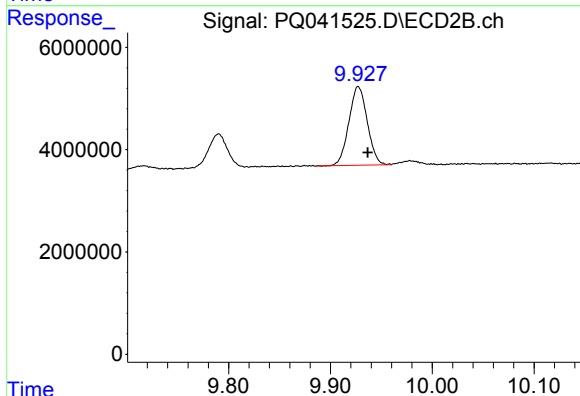
R.T.: 9.402 min
Delta R.T.: -0.009 min
Response: 62935376
Conc: 107.09 ng/ml



#40 AR-1262-5

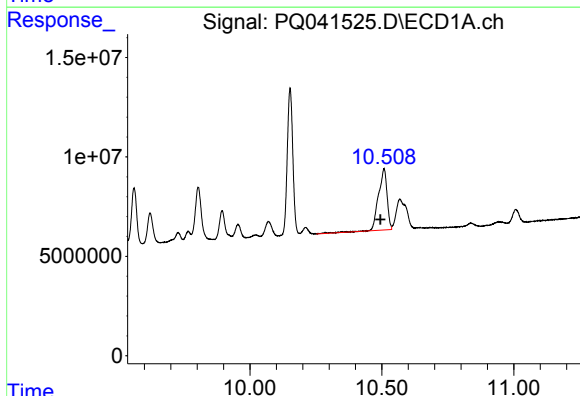
R.T.: 11.299 min
Delta R.T.: -0.012 min
Response: 44053693
Conc: 96.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



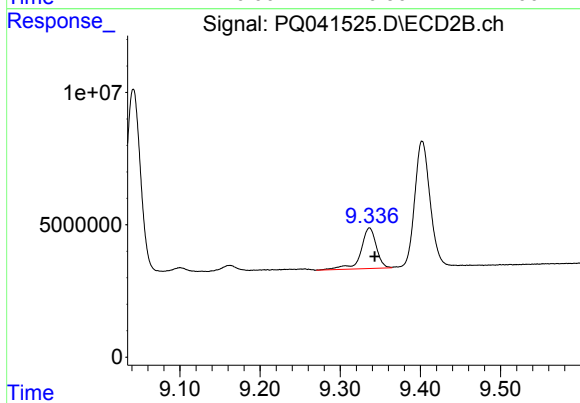
#40 AR-1262-5

R.T.: 9.927 min
Delta R.T.: -0.009 min
Response: 19248306
Conc: 80.22 ng/ml



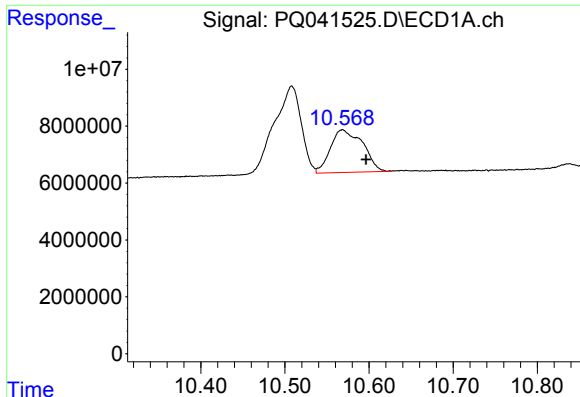
#41 AR-1268-1

R.T.: 10.508 min
Delta R.T.: 0.014 min
Response: 70656220
Conc: 39.15 ng/ml



#41 AR-1268-1

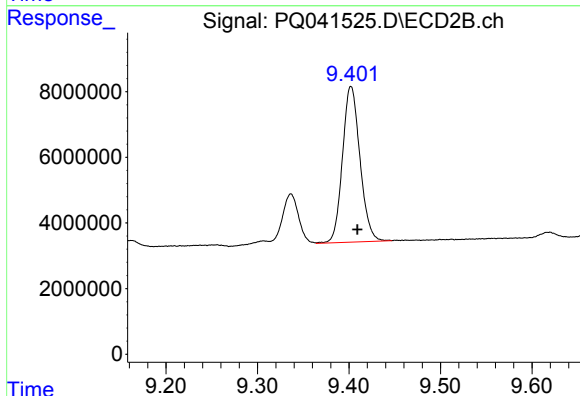
R.T.: 9.337 min
Delta R.T.: -0.007 min
Response: 20548717
Conc: 17.98 ng/ml



#42 AR-1268-2

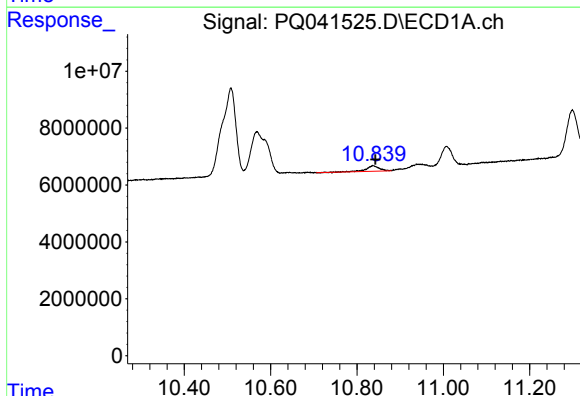
R.T.: 10.568 min
Delta R.T.: -0.028 min
Response: 40011130
Conc: 25.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



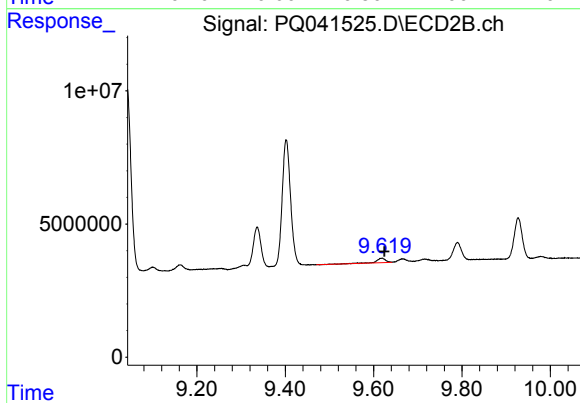
#42 AR-1268-2

R.T.: 9.402 min
Delta R.T.: -0.007 min
Response: 62935376
Conc: 64.77 ng/ml



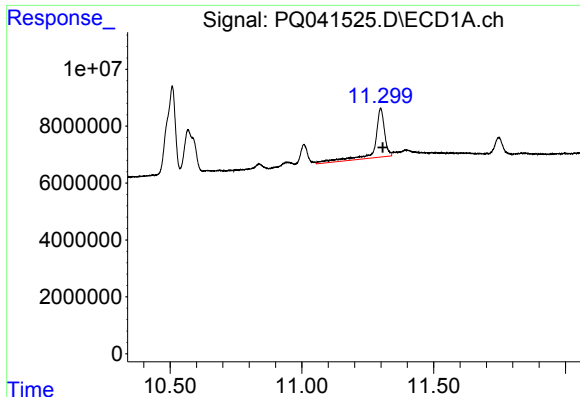
#43 AR-1268-3

R.T.: 10.838 min
Delta R.T.: -0.005 min
Response: 4114598
Conc: 2.93 ng/ml



#43 AR-1268-3

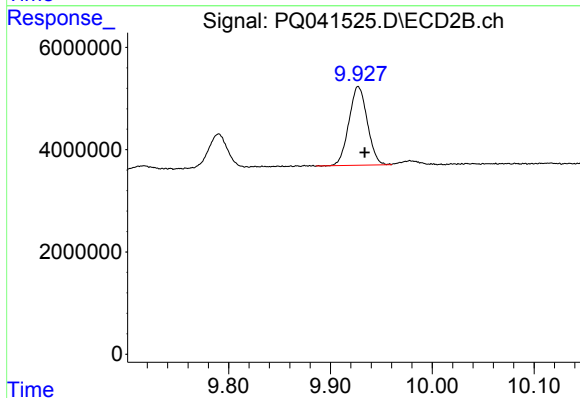
R.T.: 9.619 min
Delta R.T.: -0.005 min
Response: 2693582
Conc: 3.37 ng/ml



#44 AR-1268-4

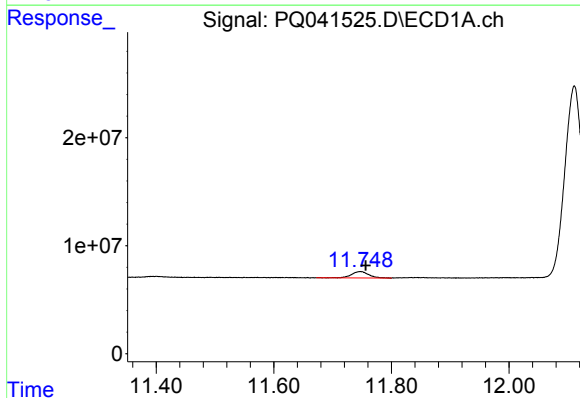
R.T.: 11.299 min
Delta R.T.: -0.008 min
Response: 44053693
Conc: 77.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



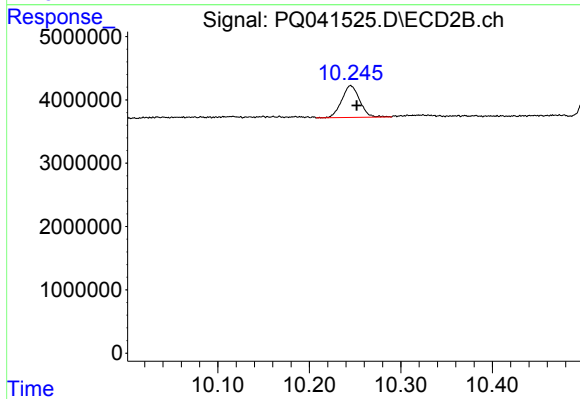
#44 AR-1268-4

R.T.: 9.927 min
Delta R.T.: -0.006 min
Response: 19248306
Conc: 62.72 ng/ml



#45 AR-1268-5

R.T.: 11.747 min
Delta R.T.: -0.009 min
Response: 11884566
Conc: 2.74 ng/ml



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: -0.007 min
Response: 6847421
Conc: 3.47 ng/ml