

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
 Data File : PQ041539.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2019 14:11
 Operator : SM\AJ
 Sample : K3981-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 00:49:00 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	52419757	44855255	13.693	14.921
2)	SA Decachlor...	12.107	10.522	268.6E6	137.2E6	25.968	30.103
Target Compounds							
3)	L1 AR-1016-1	7.146	6.213	2553296	1724971	14.629	11.790
4)	L1 AR-1016-2	7.175	6.236	6936813	3711483	26.304	17.832 #
5)	L1 AR-1016-3	0.000	6.451	0	3498113	N.D.	30.983 #
6)	L1 AR-1016-4	7.354	6.504	3899298	22443504	28.933	246.185 #
7)	L1 AR-1016-5	7.690	6.756	18368408	18533235	138.036	154.211
12)	L3 AR-1232-2	0.000	6.236	0	3711483	N.D.	39.729 #
13)	L3 AR-1232-3	7.175	6.451	6936813	3498113	61.290	72.676
14)	L3 AR-1232-4	7.354	6.552	3899298	12951156	65.969	300.389 #
15)	L3 AR-1232-5	7.461	6.756	22935302	18533235	621.470	383.143 #
16)	L4 AR-1242-1	7.146	6.213	2553296	1724971	20.384	16.344
17)	L4 AR-1242-2	7.175	6.236	6936813	3711483	36.426	23.935 #
18)	L4 AR-1242-3	0.000	6.451	0	3498113	N.D.	41.917 #
19)	L4 AR-1242-4	7.354	6.552	3899298	12951156	39.781	159.008 #
20)	L4 AR-1242-5	8.180	7.165	35003676	48849440	264.026	391.329 #
21)	L5 AR-1248-1	7.146	6.213	2553296	1724971	27.526	21.477
22)	L5 AR-1248-2	7.461	6.504	22935302	22443504	186.378	200.362
23)	L5 AR-1248-3	7.690	6.552	18368408	12951156	116.970	112.202
24)	L5 AR-1248-4	8.138	6.756	19860126	18533235	91.941	128.031 #
25)	L5 AR-1248-5	8.180	7.212	35003676	23017523	164.368	136.780
26)	L6 AR-1254-1	8.107	7.165	41207967	48849440	203.294	192.090
27)	L6 AR-1254-2	8.346	7.333	85424329	33316535	247.325	145.622 #
28)	L6 AR-1254-3	8.740	7.781	110.7E6	119.1E6	267.085	293.329
29)	L6 AR-1254-4	9.041	8.029	35392974	30433166	97.790	111.399
30)	L6 AR-1254-5	9.481	8.475	69526075	130.8E6	173.153	327.506 #
31)	L7 AR-1260-1	8.912	7.923	34575827	51168464	114.447	192.396 #
32)	L7 AR-1260-2	9.178	8.125	162.7E6	40405155	355.000	111.355 #
33)	L7 AR-1260-3	9.558	8.290	30852439	37196791	72.664	118.453 #
34)	L7 AR-1260-4	9.798	8.788	54276737	25338482	128.939	89.007 #
35)	L7 AR-1260-5	10.149	9.039	89013737	74236743	83.301	99.836
36)	L8 AR-1262-1	9.619	8.571	16242269	18469587	66.156	96.026 #
37)	L8 AR-1262-2	10.149	9.039	89013737	74236743	73.296	88.361
38)	L8 AR-1262-3	10.505	9.333	56729990	15084391	68.072	42.887 #
39)	L8 AR-1262-4	10.563	9.399	29793599	50477903	45.733	85.890 #
40)	L8 AR-1262-5	11.294	9.924	28808783	16073457	63.022	66.986
41)	L9 AR-1268-1	10.505	9.333	56729990	15084391	31.436	13.202 #
42)	L9 AR-1268-2	10.563	9.399	29793599	50477903	18.672	51.946 #
43)	L9 AR-1268-3	0.000	9.613	0	4885666	N.D.	6.121 #
44)	L9 AR-1268-4	11.294	9.924	28808783	16073457	50.751	52.378
45)	L9 AR-1268-5	11.742	10.241	7772535	3894566	1.794	1.971

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072519\
Data File : PQ041539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2019 14:11
Operator : SM\AJ
Sample : K3981-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

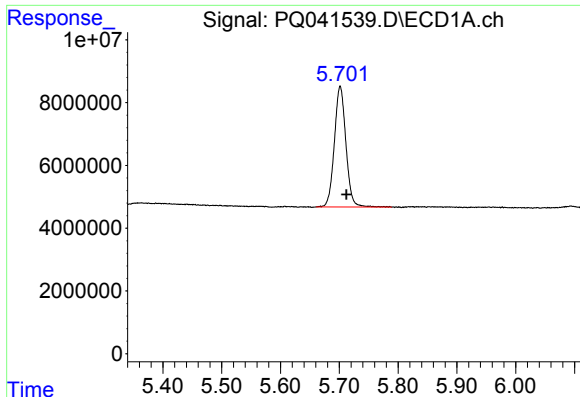
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 00:49:00 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

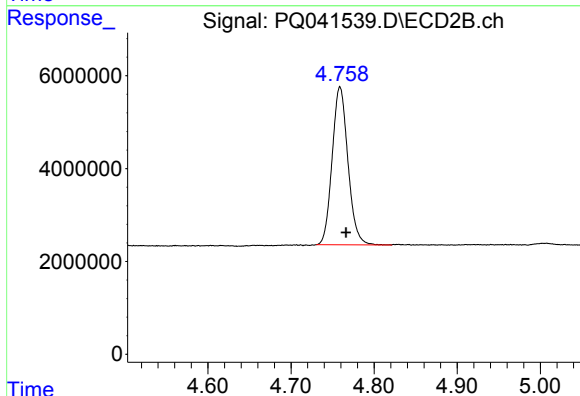
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

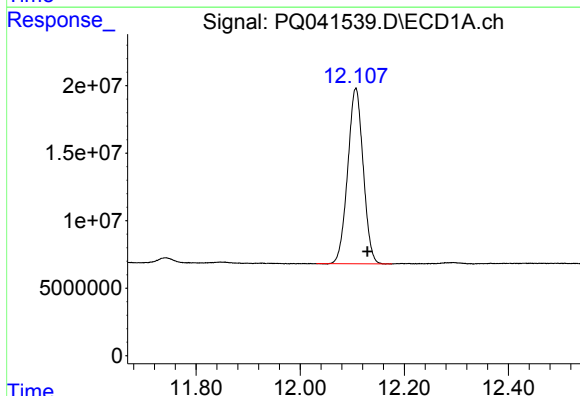
R.T.: 5.702 min
Delta R.T.: -0.010 min
Response: 52419757
Conc: 13.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



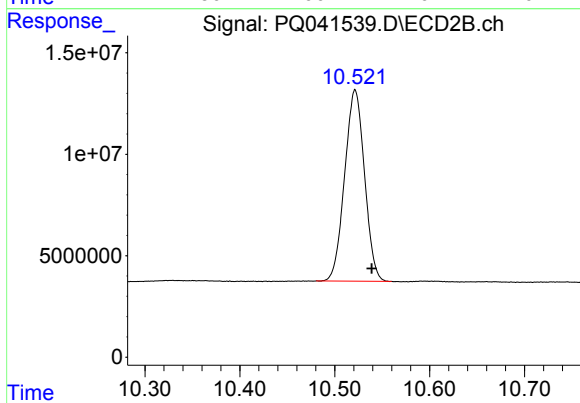
#1 Tetrachloro-m-xylene

R.T.: 4.759 min
Delta R.T.: -0.008 min
Response: 44855255
Conc: 14.92 ng/ml



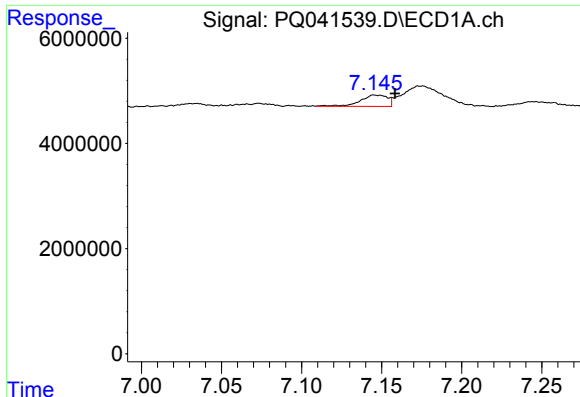
#2 Decachlorobiphenyl

R.T.: 12.107 min
Delta R.T.: -0.023 min
Response: 268607689
Conc: 25.97 ng/ml



#2 Decachlorobiphenyl

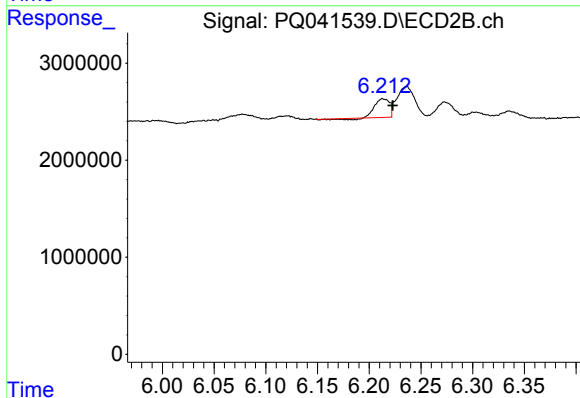
R.T.: 10.522 min
Delta R.T.: -0.017 min
Response: 137172754
Conc: 30.10 ng/ml



#3 AR-1016-1

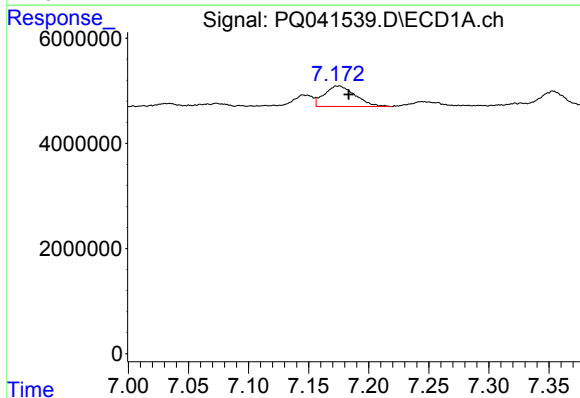
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 2553296
Conc: 14.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



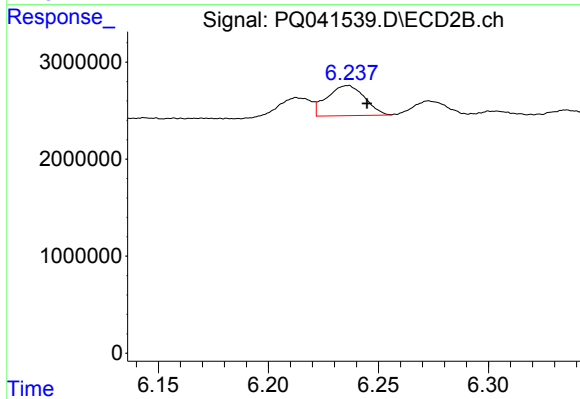
#3 AR-1016-1

R.T.: 6.213 min
Delta R.T.: -0.010 min
Response: 1724971
Conc: 11.79 ng/ml



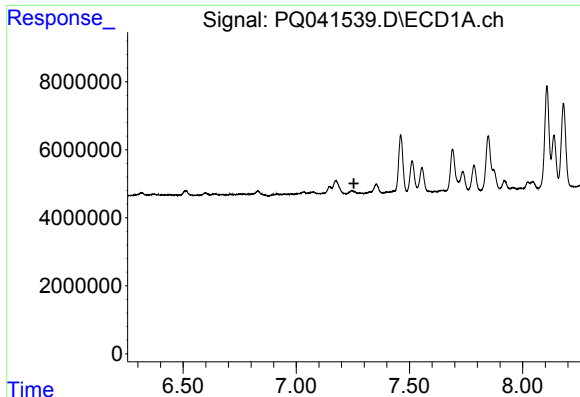
#4 AR-1016-2

R.T.: 7.175 min
Delta R.T.: -0.009 min
Response: 6936813
Conc: 26.30 ng/ml



#4 AR-1016-2

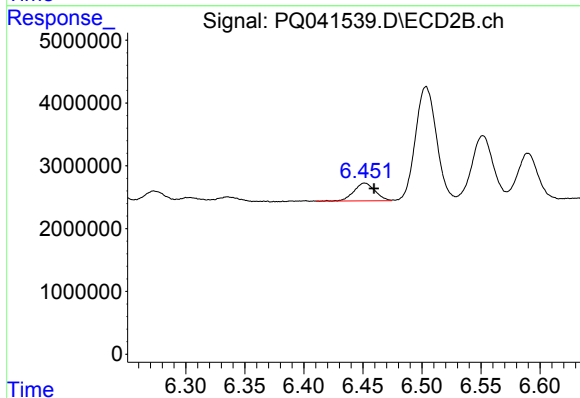
R.T.: 6.236 min
Delta R.T.: -0.008 min
Response: 3711483
Conc: 17.83 ng/ml



#5 AR-1016-3

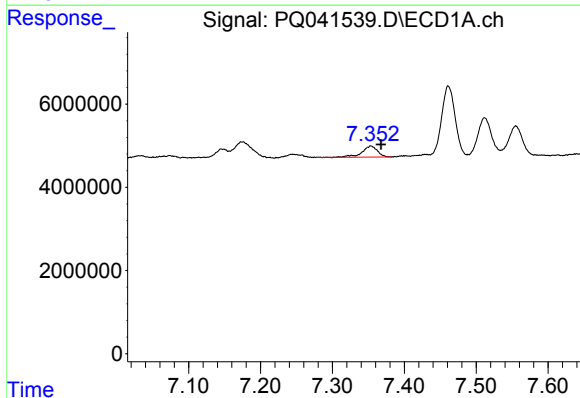
R.T.: 0.000 min
Exp R.T.: 7.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



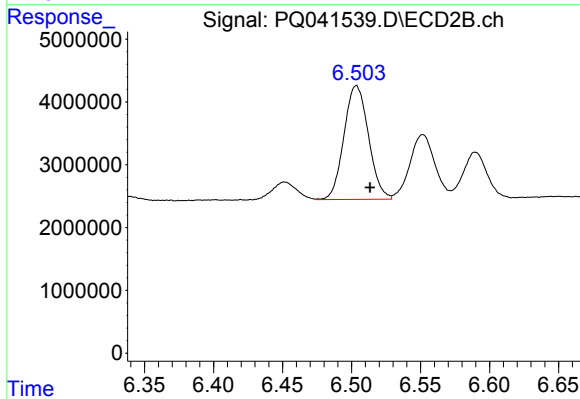
#5 AR-1016-3

R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 3498113
Conc: 30.98 ng/ml



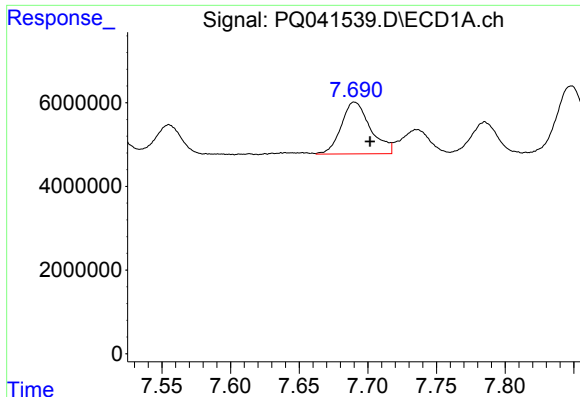
#6 AR-1016-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 3899298
Conc: 28.93 ng/ml



#6 AR-1016-4

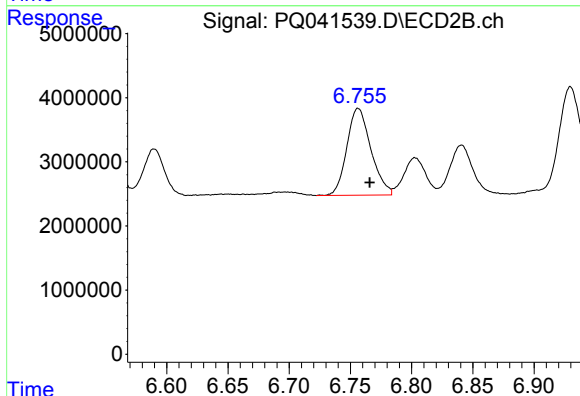
R.T.: 6.504 min
Delta R.T.: -0.010 min
Response: 22443504
Conc: 246.18 ng/ml



#7 AR-1016-5

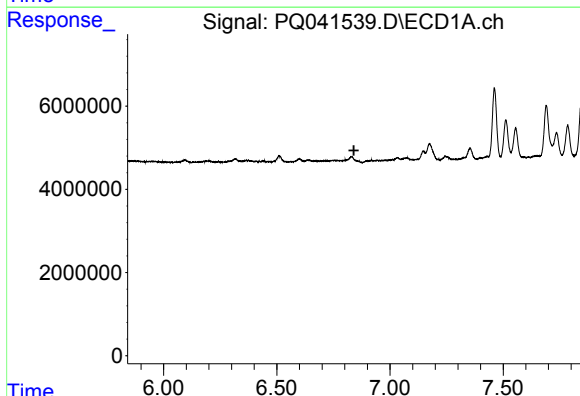
R.T.: 7.690 min
Delta R.T.: -0.011 min
Response: 18368408
Conc: 138.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



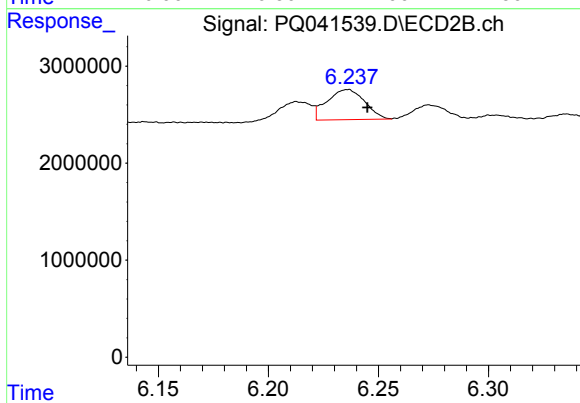
#7 AR-1016-5

R.T.: 6.756 min
Delta R.T.: -0.010 min
Response: 18533235
Conc: 154.21 ng/ml



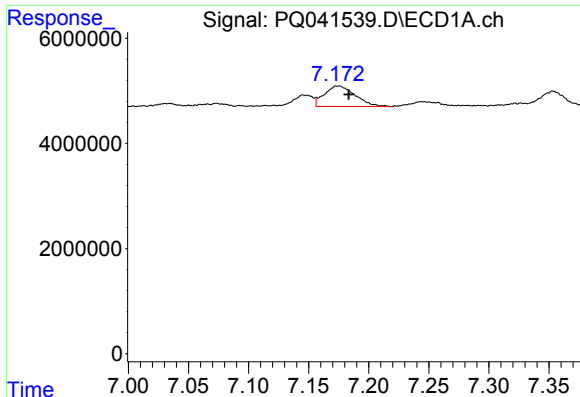
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.841 min
Response: 0
Conc: N.D.



#12 AR-1232-2

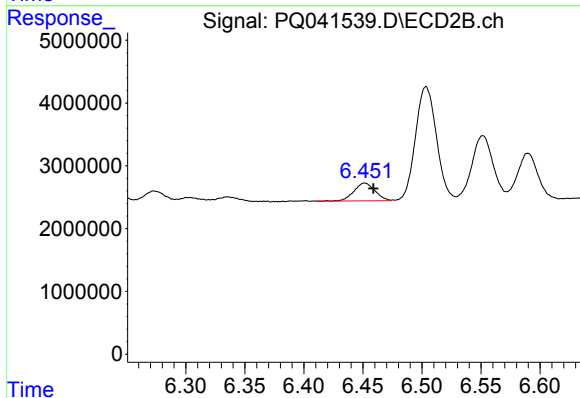
R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 3711483
Conc: 39.73 ng/ml



#13 AR-1232-3

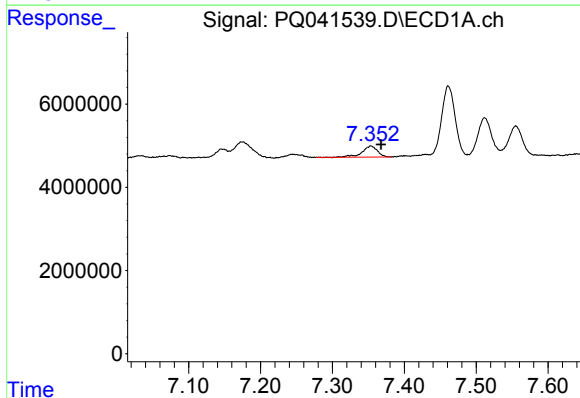
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 6936813
Conc: 61.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



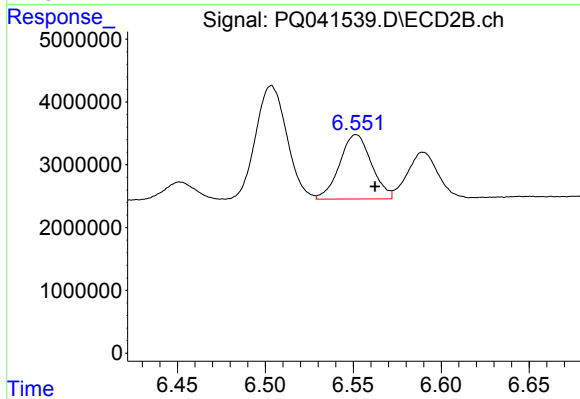
#13 AR-1232-3

R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 3498113
Conc: 72.68 ng/ml



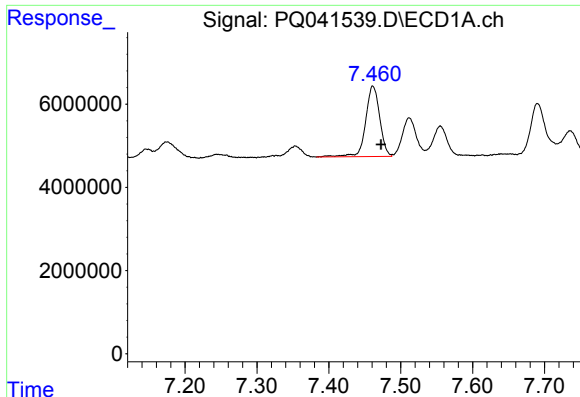
#14 AR-1232-4

R.T.: 7.354 min
Delta R.T.: -0.014 min
Response: 3899298
Conc: 65.97 ng/ml



#14 AR-1232-4

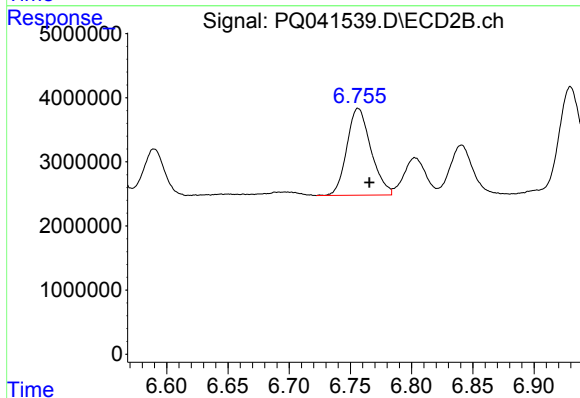
R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 12951156
Conc: 300.39 ng/ml



#15 AR-1232-5

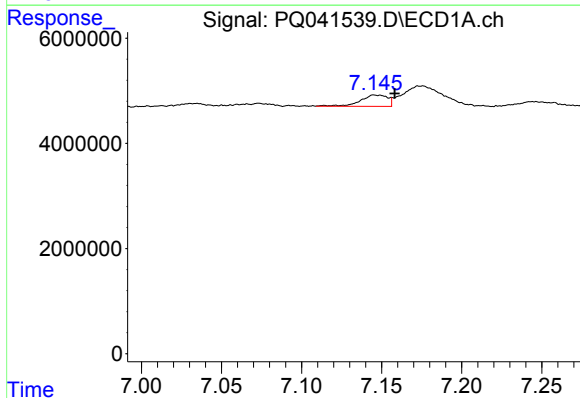
R.T.: 7.461 min
Delta R.T.: -0.012 min
Response: 22935302
Conc: 621.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



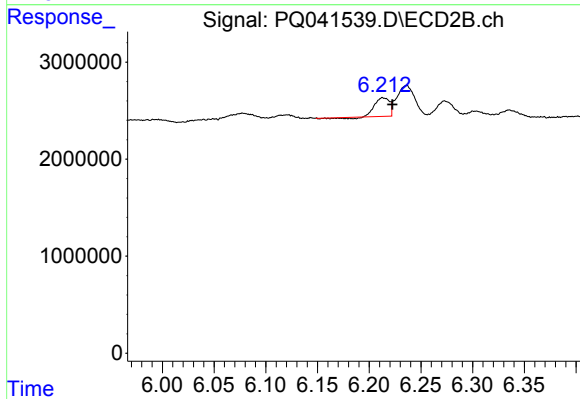
#15 AR-1232-5

R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 18533235
Conc: 383.14 ng/ml



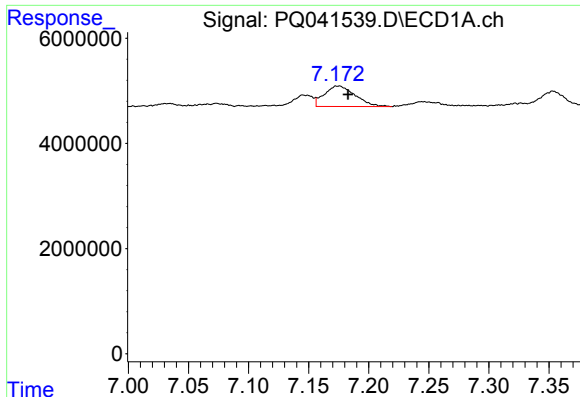
#16 AR-1242-1

R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 2553296
Conc: 20.38 ng/ml



#16 AR-1242-1

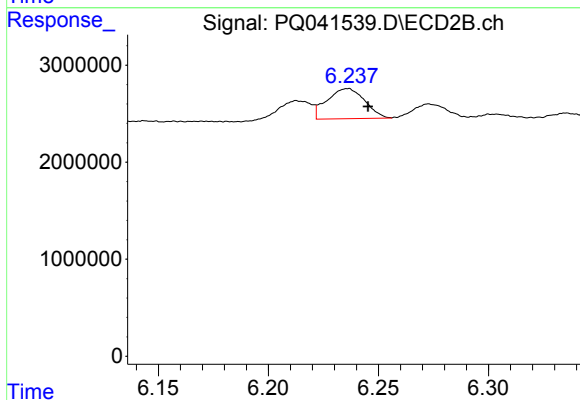
R.T.: 6.213 min
Delta R.T.: -0.010 min
Response: 1724971
Conc: 16.34 ng/ml



#17 AR-1242-2

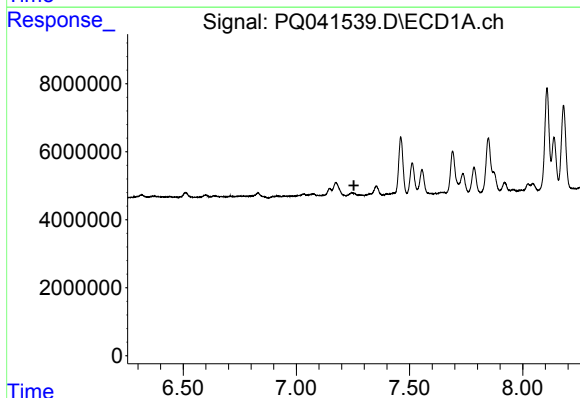
R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 6936813
Conc: 36.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



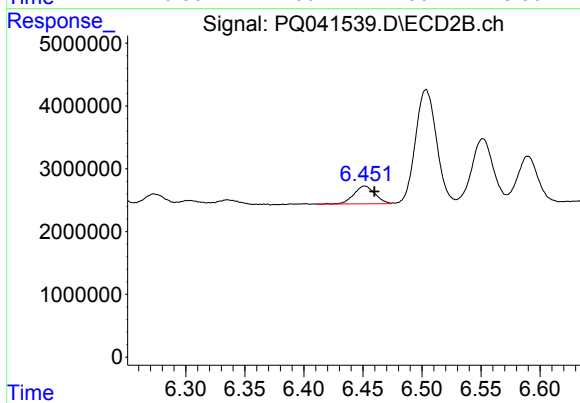
#17 AR-1242-2

R.T.: 6.236 min
Delta R.T.: -0.009 min
Response: 3711483
Conc: 23.93 ng/ml



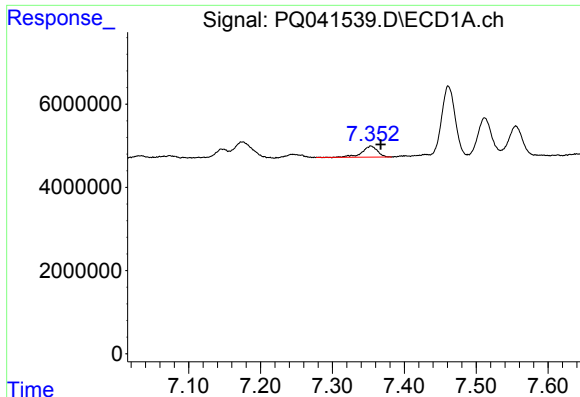
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.254 min
Response: 0
Conc: N.D.



#18 AR-1242-3

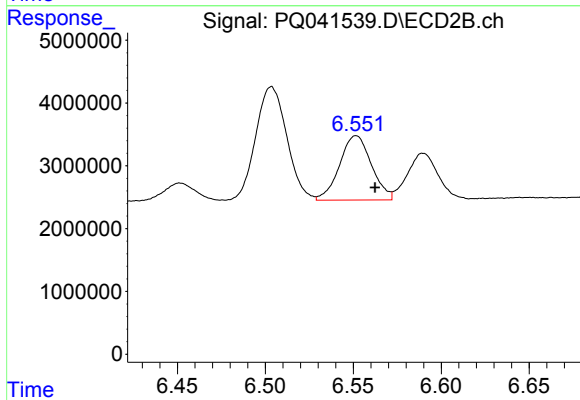
R.T.: 6.451 min
Delta R.T.: -0.008 min
Response: 3498113
Conc: 41.92 ng/ml



#19 AR-1242-4

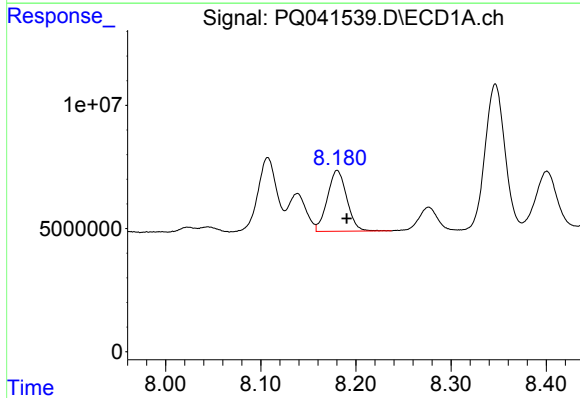
R.T.: 7.354 min
Delta R.T.: -0.013 min
Response: 3899298
Conc: 39.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



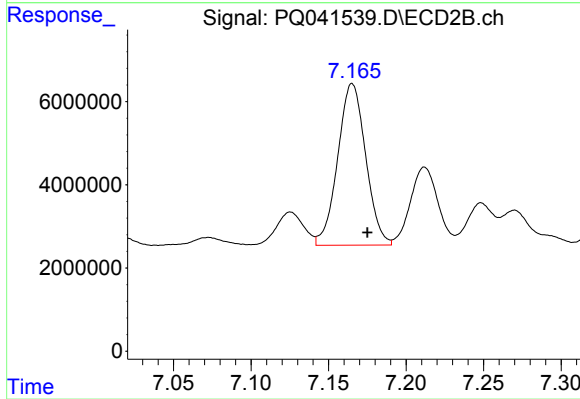
#19 AR-1242-4

R.T.: 6.552 min
Delta R.T.: -0.011 min
Response: 12951156
Conc: 159.01 ng/ml



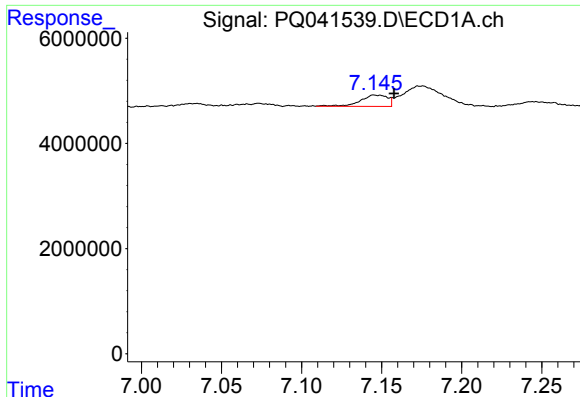
#20 AR-1242-5

R.T.: 8.180 min
Delta R.T.: -0.010 min
Response: 35003676
Conc: 264.03 ng/ml



#20 AR-1242-5

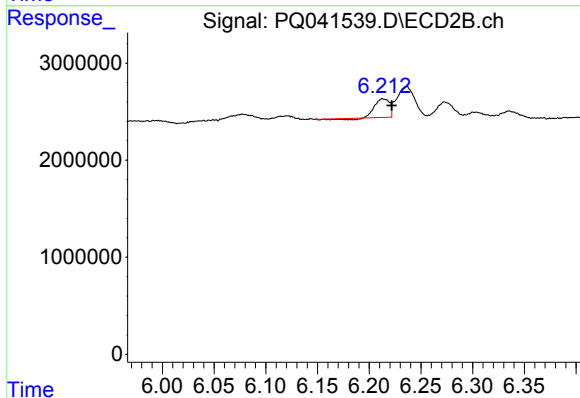
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 48849440
Conc: 391.33 ng/ml



#21 AR-1248-1

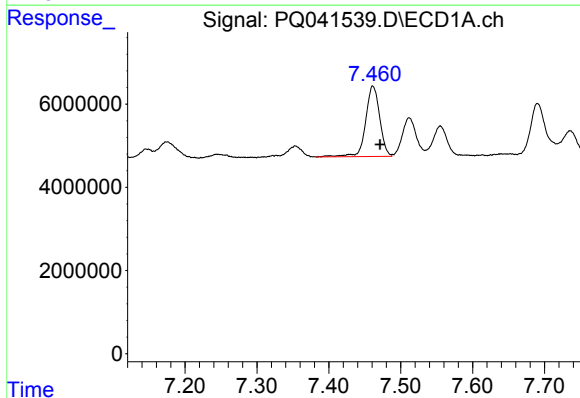
R.T.: 7.146 min
Delta R.T.: -0.012 min
Response: 2553296
Conc: 27.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



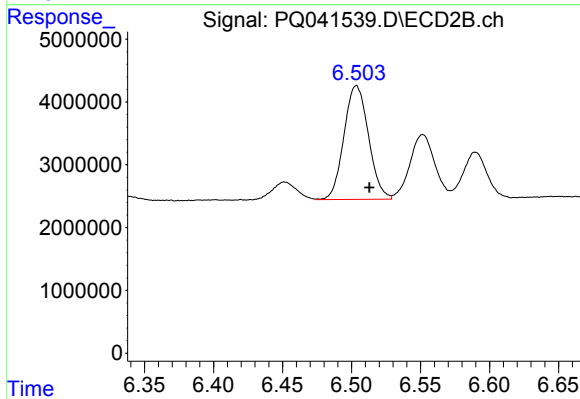
#21 AR-1248-1

R.T.: 6.213 min
Delta R.T.: -0.009 min
Response: 1724971
Conc: 21.48 ng/ml



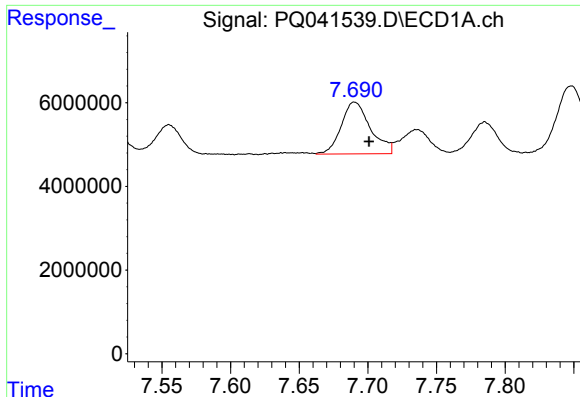
#22 AR-1248-2

R.T.: 7.461 min
Delta R.T.: -0.010 min
Response: 22935302
Conc: 186.38 ng/ml



#22 AR-1248-2

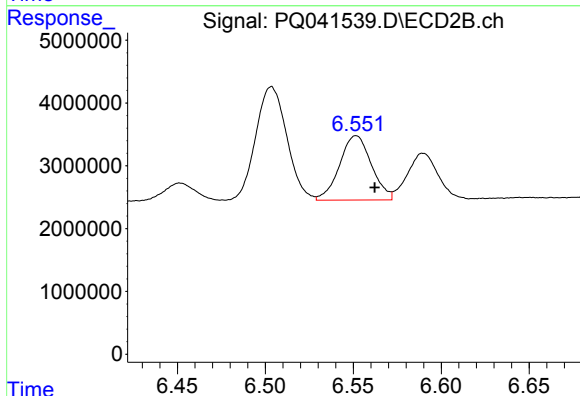
R.T.: 6.504 min
Delta R.T.: -0.009 min
Response: 22443504
Conc: 200.36 ng/ml



#23 AR-1248-3

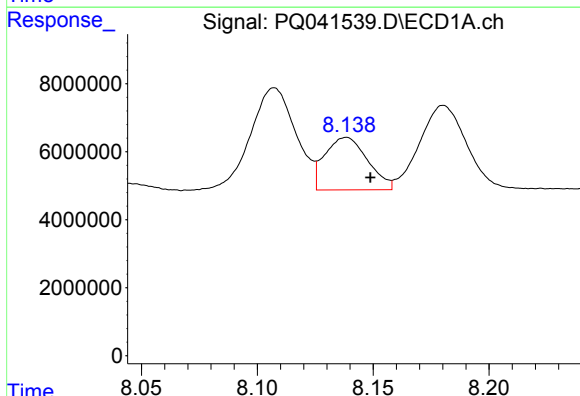
R.T.: 7.690 min
Delta R.T.: -0.011 min
Response: 18368408
Conc: 116.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



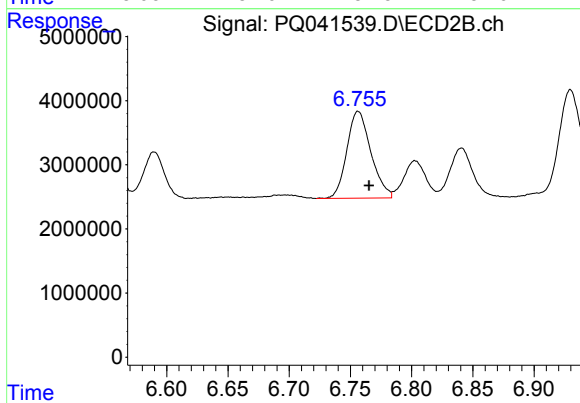
#23 AR-1248-3

R.T.: 6.552 min
Delta R.T.: -0.010 min
Response: 12951156
Conc: 112.20 ng/ml



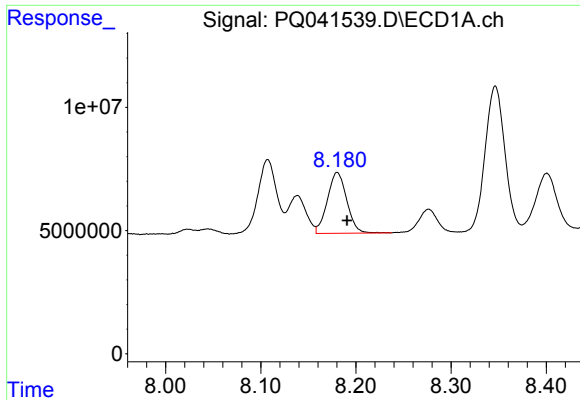
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: -0.010 min
Response: 19860126
Conc: 91.94 ng/ml



#24 AR-1248-4

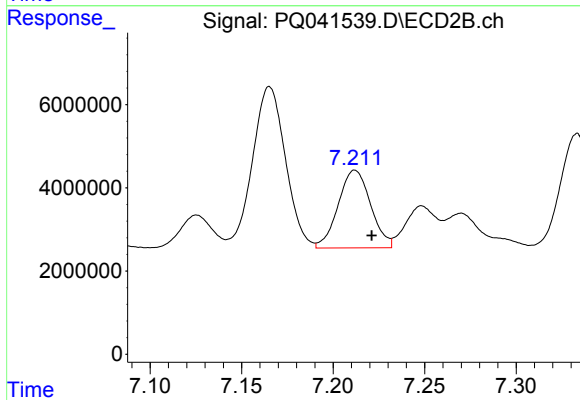
R.T.: 6.756 min
Delta R.T.: -0.009 min
Response: 18533235
Conc: 128.03 ng/ml



#25 AR-1248-5

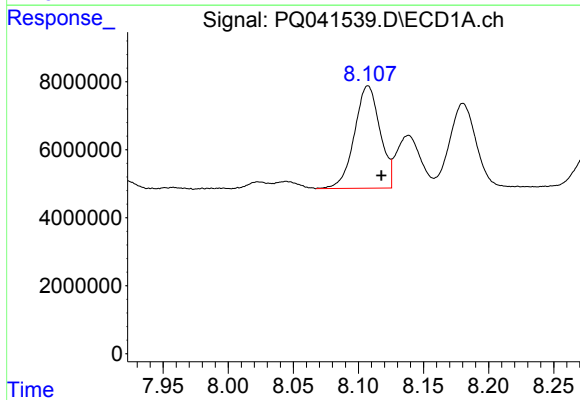
R.T.: 8.180 min
Delta R.T.: -0.011 min
Response: 35003676
Conc: 164.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



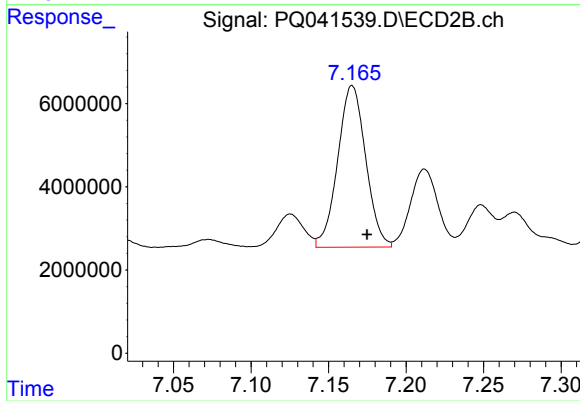
#25 AR-1248-5

R.T.: 7.212 min
Delta R.T.: -0.009 min
Response: 23017523
Conc: 136.78 ng/ml



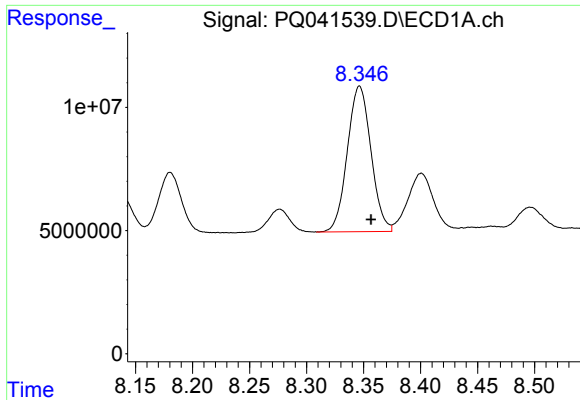
#26 AR-1254-1

R.T.: 8.107 min
Delta R.T.: -0.010 min
Response: 41207967
Conc: 203.29 ng/ml



#26 AR-1254-1

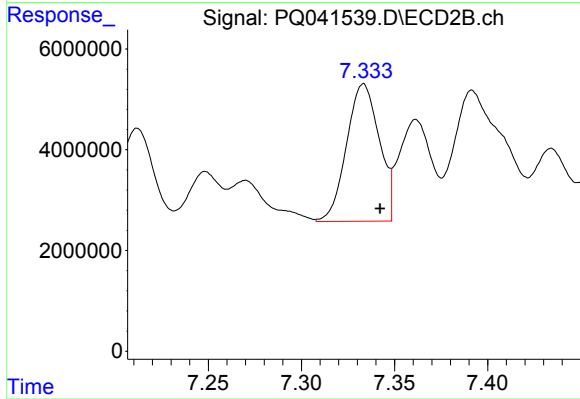
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 48849440
Conc: 192.09 ng/ml



#27 AR-1254-2

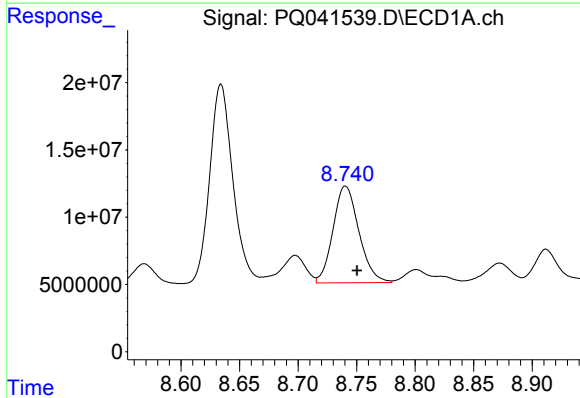
R.T.: 8.346 min
Delta R.T.: -0.010 min
Response: 85424329
Conc: 247.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



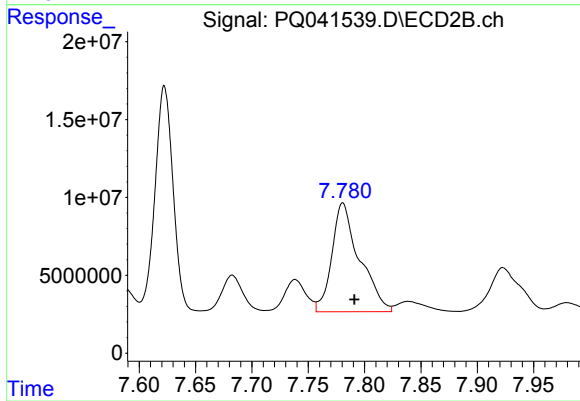
#27 AR-1254-2

R.T.: 7.333 min
Delta R.T.: -0.009 min
Response: 33316535
Conc: 145.62 ng/ml



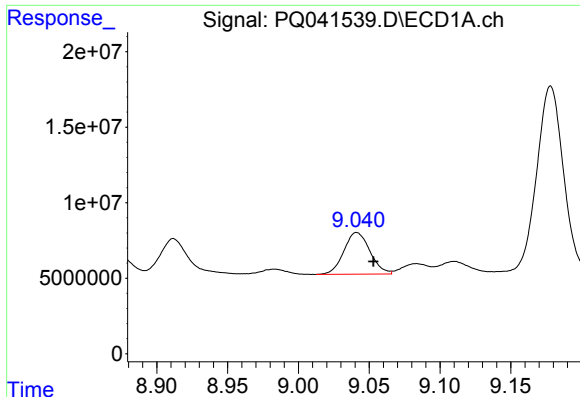
#28 AR-1254-3

R.T.: 8.740 min
Delta R.T.: -0.010 min
Response: 110676108
Conc: 267.09 ng/ml



#28 AR-1254-3

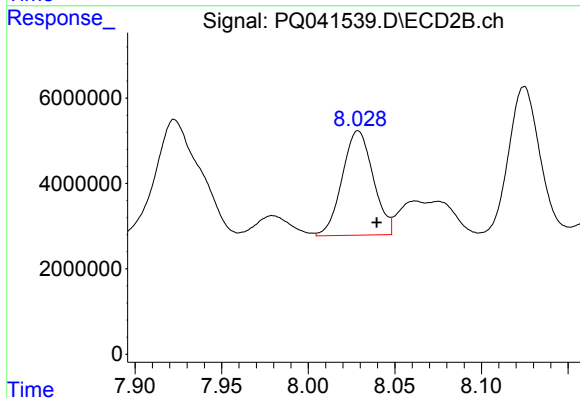
R.T.: 7.781 min
Delta R.T.: -0.010 min
Response: 119059006
Conc: 293.33 ng/ml



#29 AR-1254-4

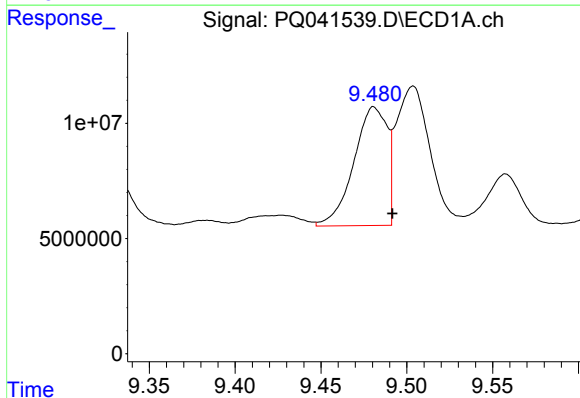
R.T.: 9.041 min
Delta R.T.: -0.012 min
Response: 35392974
Conc: 97.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



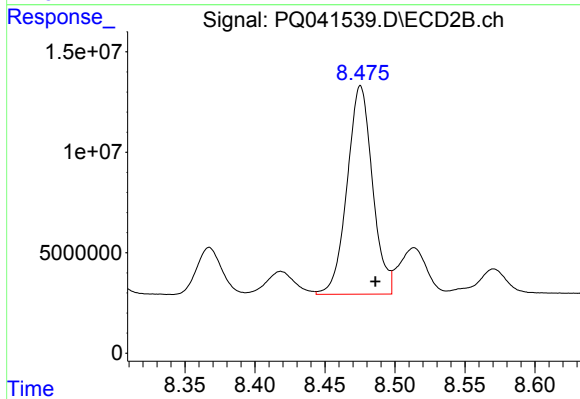
#29 AR-1254-4

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 30433166
Conc: 111.40 ng/ml



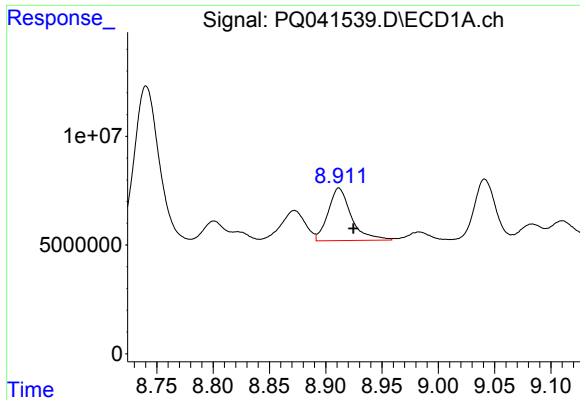
#30 AR-1254-5

R.T.: 9.481 min
Delta R.T.: -0.011 min
Response: 69526075
Conc: 173.15 ng/ml



#30 AR-1254-5

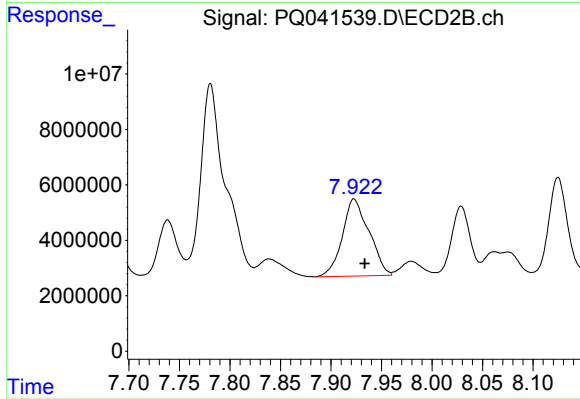
R.T.: 8.475 min
Delta R.T.: -0.011 min
Response: 130764285
Conc: 327.51 ng/ml



#31 AR-1260-1

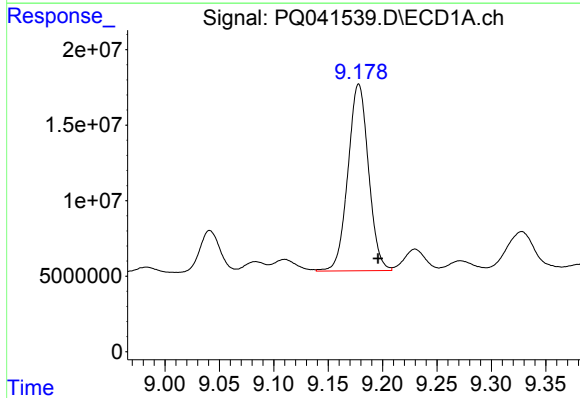
R.T.: 8.912 min
Delta R.T.: -0.013 min
Response: 34575827
Conc: 114.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



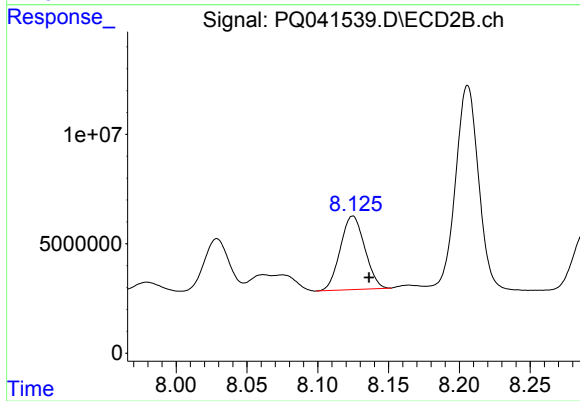
#31 AR-1260-1

R.T.: 7.923 min
Delta R.T.: -0.011 min
Response: 51168464
Conc: 192.40 ng/ml



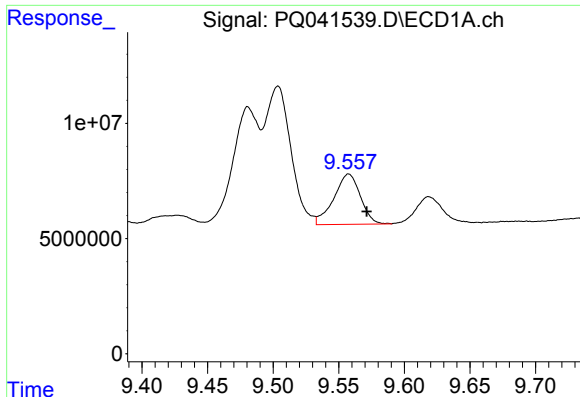
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: -0.018 min
Response: 162720830
Conc: 355.00 ng/ml



#32 AR-1260-2

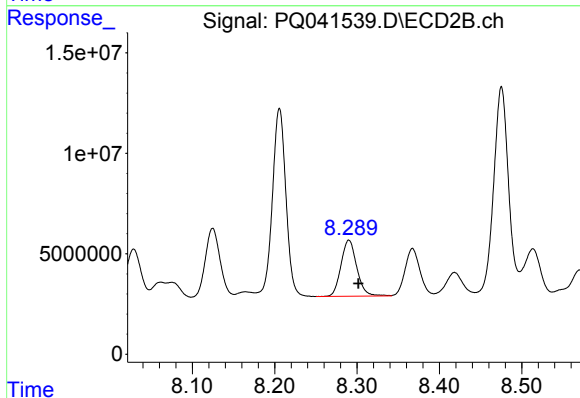
R.T.: 8.125 min
Delta R.T.: -0.011 min
Response: 40405155
Conc: 111.36 ng/ml



#33 AR-1260-3

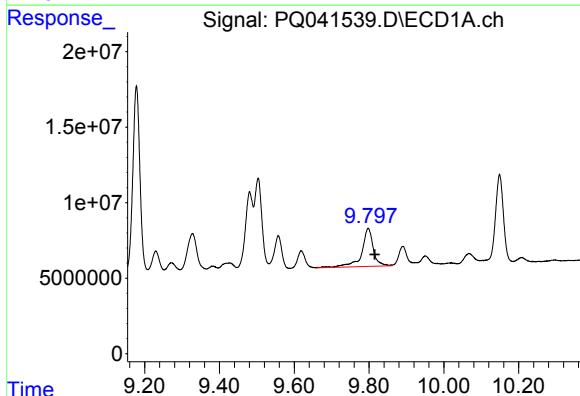
R.T.: 9.558 min
Delta R.T.: -0.014 min
Response: 30852439
Conc: 72.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



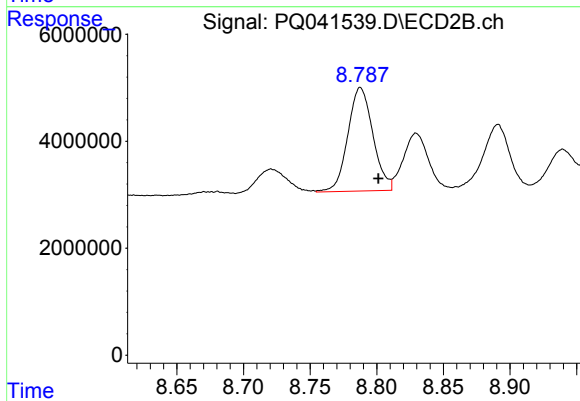
#33 AR-1260-3

R.T.: 8.290 min
Delta R.T.: -0.012 min
Response: 37196791
Conc: 118.45 ng/ml



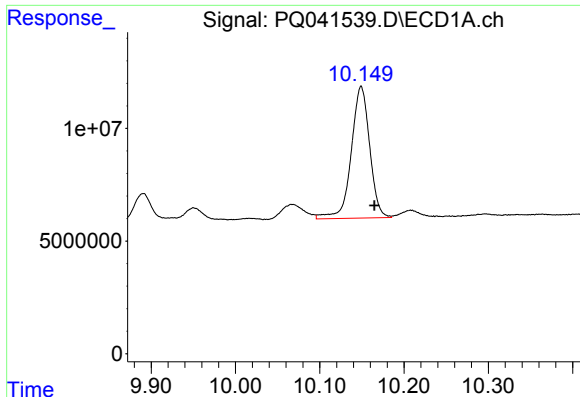
#34 AR-1260-4

R.T.: 9.798 min
Delta R.T.: -0.018 min
Response: 54276737
Conc: 128.94 ng/ml



#34 AR-1260-4

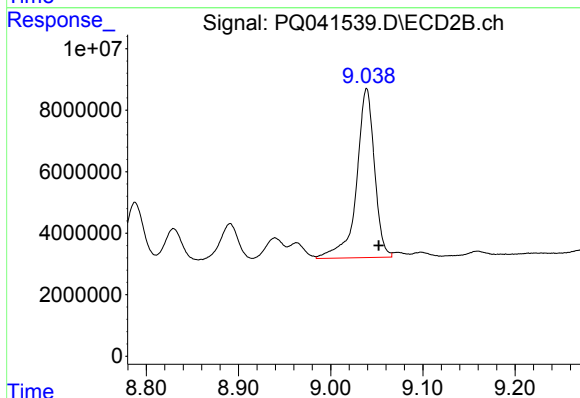
R.T.: 8.788 min
Delta R.T.: -0.013 min
Response: 25338482
Conc: 89.01 ng/ml



#35 AR-1260-5

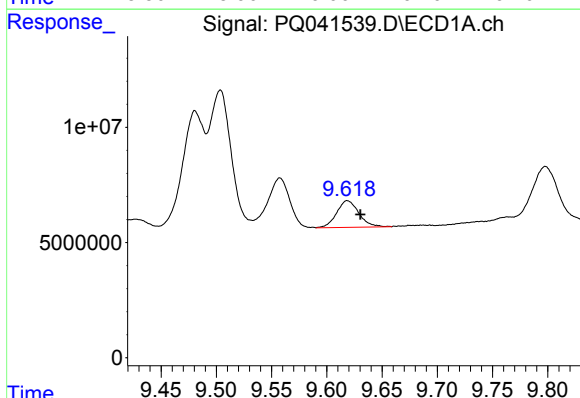
R.T.: 10.149 min
Delta R.T.: -0.016 min
Response: 89013737
Conc: 83.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



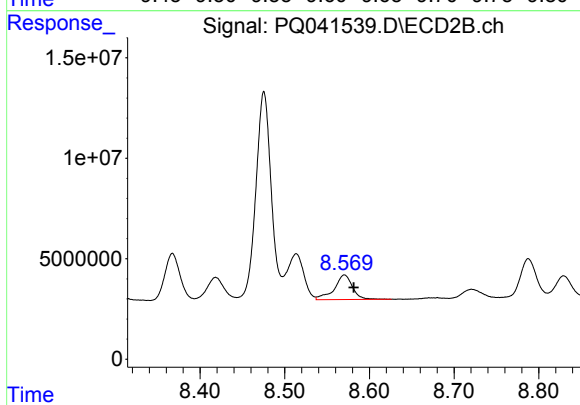
#35 AR-1260-5

R.T.: 9.039 min
Delta R.T.: -0.013 min
Response: 74236743
Conc: 99.84 ng/ml



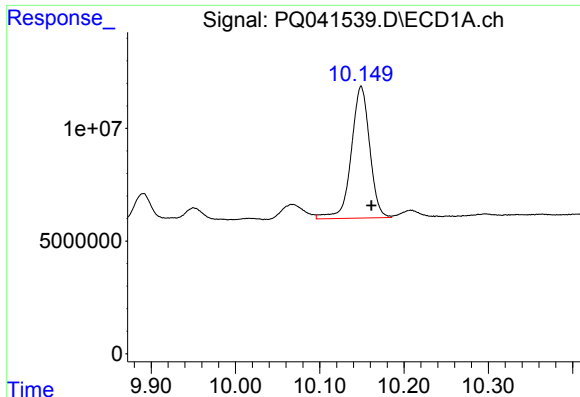
#36 AR-1262-1

R.T.: 9.619 min
Delta R.T.: -0.012 min
Response: 16242269
Conc: 66.16 ng/ml



#36 AR-1262-1

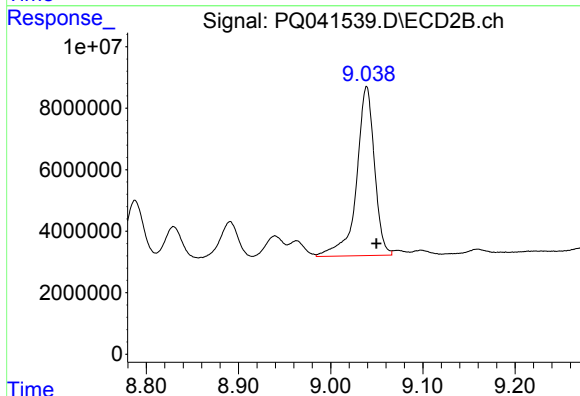
R.T.: 8.571 min
Delta R.T.: -0.011 min
Response: 18469587
Conc: 96.03 ng/ml



#37 AR-1262-2

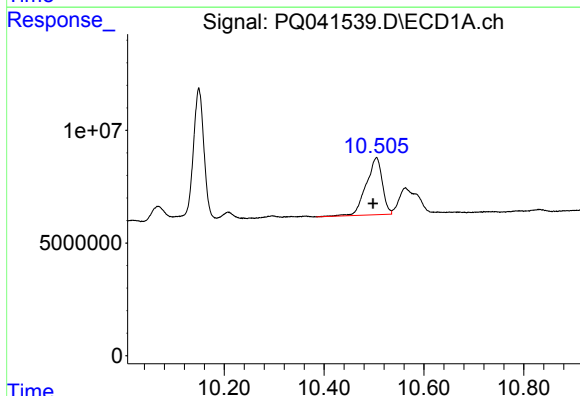
R.T.: 10.149 min
Delta R.T.: -0.012 min
Response: 89013737
Conc: 73.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



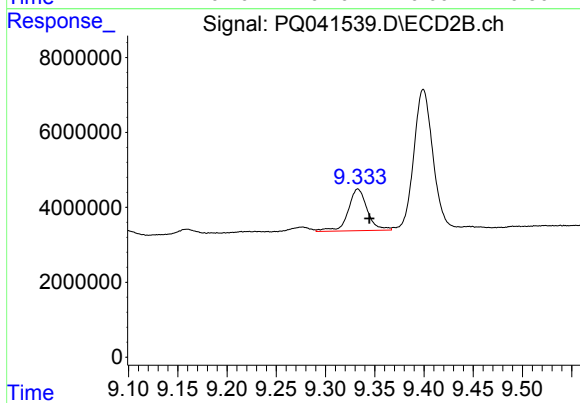
#37 AR-1262-2

R.T.: 9.039 min
Delta R.T.: -0.011 min
Response: 74236743
Conc: 88.36 ng/ml



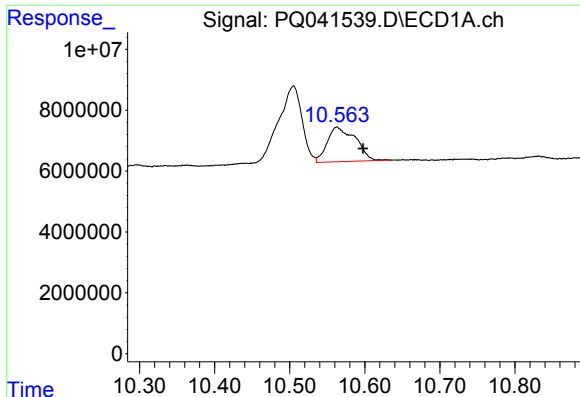
#38 AR-1262-3

R.T.: 10.505 min
Delta R.T.: 0.007 min
Response: 56729990
Conc: 68.07 ng/ml



#38 AR-1262-3

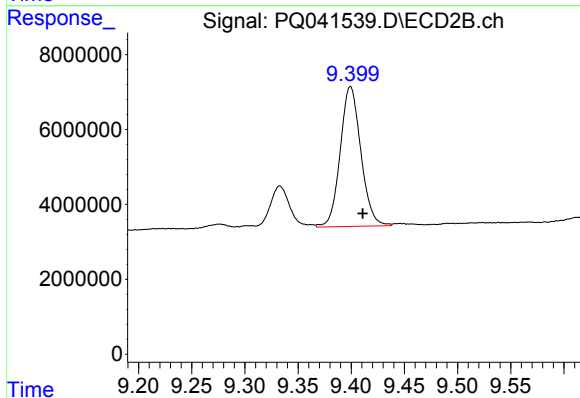
R.T.: 9.333 min
Delta R.T.: -0.012 min
Response: 15084391
Conc: 42.89 ng/ml



#39 AR-1262-4

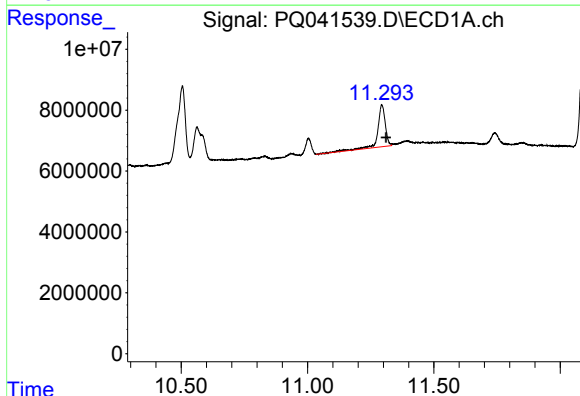
R.T.: 10.563 min
Delta R.T.: -0.035 min
Response: 29793599
Conc: 45.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



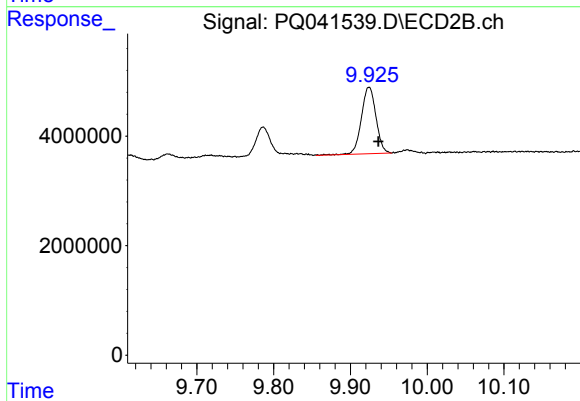
#39 AR-1262-4

R.T.: 9.399 min
Delta R.T.: -0.012 min
Response: 50477903
Conc: 85.89 ng/ml



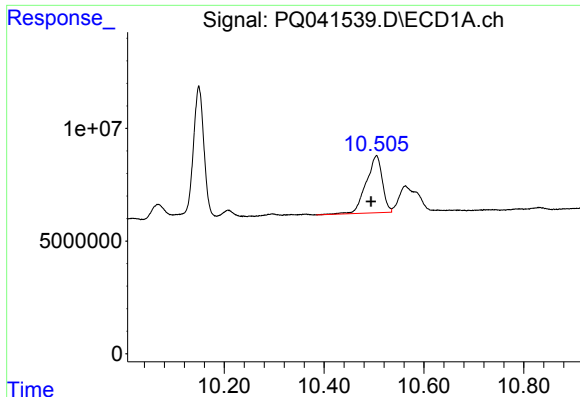
#40 AR-1262-5

R.T.: 11.294 min
Delta R.T.: -0.018 min
Response: 28808783
Conc: 63.02 ng/ml



#40 AR-1262-5

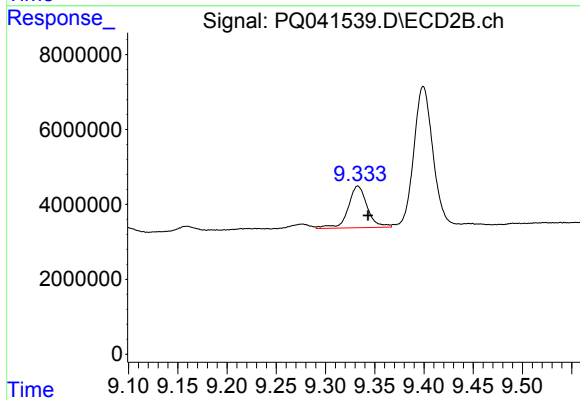
R.T.: 9.924 min
Delta R.T.: -0.012 min
Response: 16073457
Conc: 66.99 ng/ml



#41 AR-1268-1

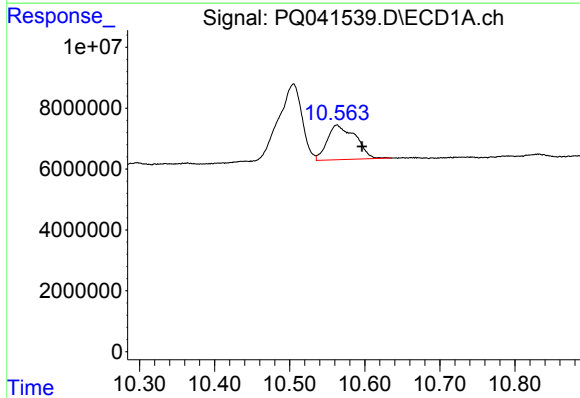
R.T.: 10.505 min
Delta R.T.: 0.011 min
Response: 56729990
Conc: 31.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



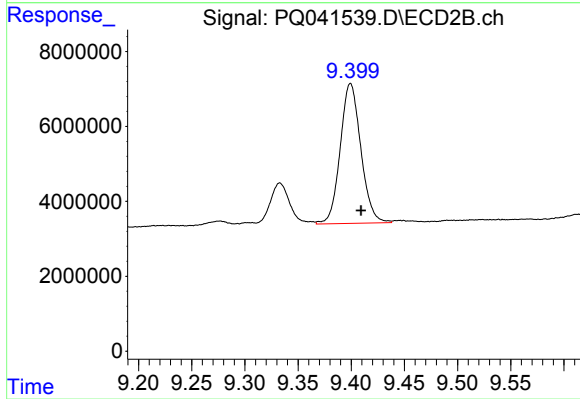
#41 AR-1268-1

R.T.: 9.333 min
Delta R.T.: -0.010 min
Response: 15084391
Conc: 13.20 ng/ml



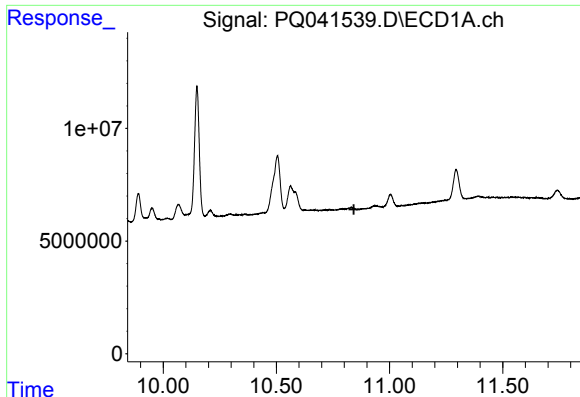
#42 AR-1268-2

R.T.: 10.563 min
Delta R.T.: -0.034 min
Response: 29793599
Conc: 18.67 ng/ml



#42 AR-1268-2

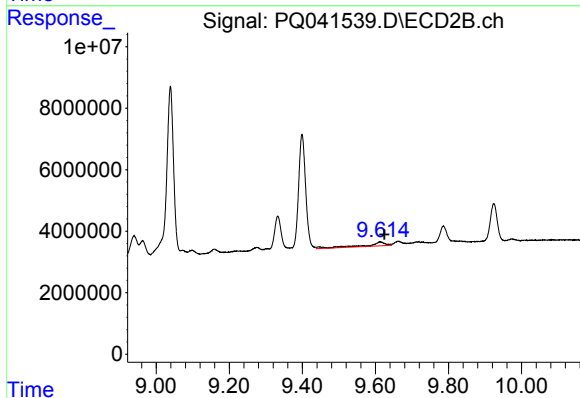
R.T.: 9.399 min
Delta R.T.: -0.010 min
Response: 50477903
Conc: 51.95 ng/ml



#43 AR-1268-3

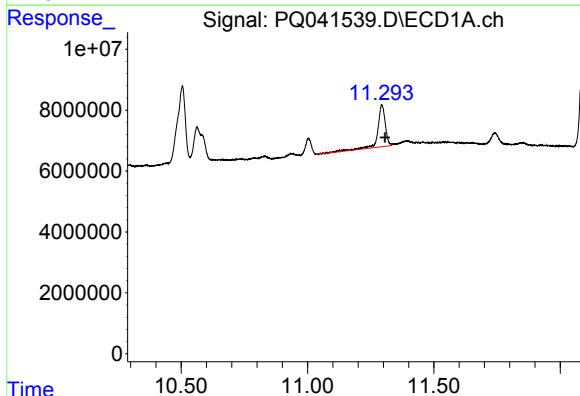
R.T.: 0.000 min
Exp R.T.: 10.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



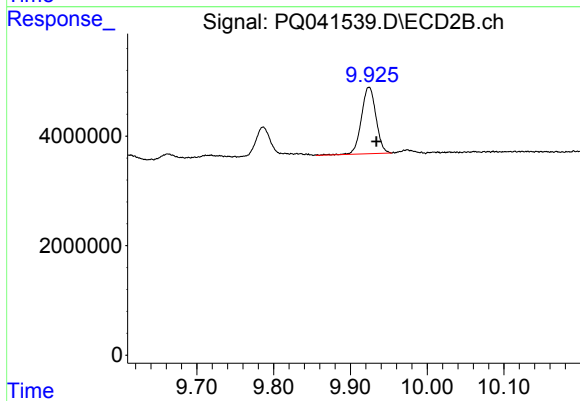
#43 AR-1268-3

R.T.: 9.613 min
Delta R.T.: -0.011 min
Response: 4885666
Conc: 6.12 ng/ml



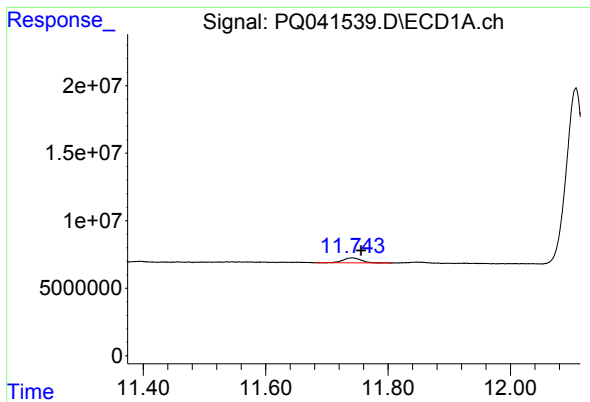
#44 AR-1268-4

R.T.: 11.294 min
Delta R.T.: -0.014 min
Response: 28808783
Conc: 50.75 ng/ml



#44 AR-1268-4

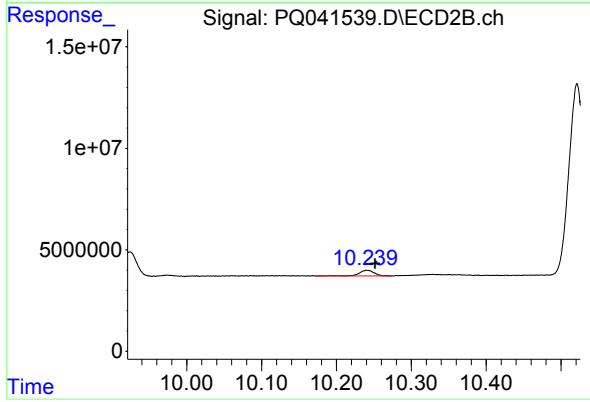
R.T.: 9.924 min
Delta R.T.: -0.010 min
Response: 16073457
Conc: 52.38 ng/ml



#45 AR-1268-5

R.T.: 11.742 min
Delta R.T.: -0.014 min
Response: 7772535
Conc: 1.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.241 min
Delta R.T.: -0.011 min
Response: 3894566
Conc: 1.97 ng/ml