

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020719\
 Data File : PQ037006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2019 08:31
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 09:03:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 06 18:32:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.329	3.693	252.3E6	132.3E6	56.791	57.270
2)	SA Decachlor...	9.904	8.626	205.7E6	98773787	49.891	52.570
Target Compounds							
3)	L1 AR-1016-1	5.485	4.763	72626512	40402225	527.436	559.018
4)	L1 AR-1016-2	5.507	4.780	111.0E6	59442869	530.615	548.798
5)	L1 AR-1016-3	5.568	4.956	64717719	30515080	540.955	554.012
6)	L1 AR-1016-4	5.666	4.995	53561715	24543651	542.476	547.899
7)	L1 AR-1016-5	5.955	5.207	53206962	31763669	542.515	547.027
8)	L2 AR-1221-1	4.536	3.901	6338828	3496970	82.842	86.692
9)	L2 AR-1221-2	4.627	3.989	9894296	5456562	187.471	190.734
10)	L2 AR-1221-3	4.702	4.063	38145677	20965407	206.514	211.463
11)	L3 AR-1232-1	4.702	4.063	38145677	20965407	374.947	379.689
12)	L3 AR-1232-2	5.221	4.780	53202158	59442869	1028.767	1006.135
13)	L3 AR-1232-3	5.507	4.956	111.0E6	30515080	1029.361	1030.402
14)	L3 AR-1232-4	5.666	5.036	53561715	29125040	1039.135	1102.113
15)	L3 AR-1232-5	5.750	5.207	45823347	31763669	1221.883	1110.664
16)	L4 AR-1242-1	5.485	4.763	72626512	40402225	584.334	600.688
17)	L4 AR-1242-2	5.507	4.780	111.0E6	59442869	580.711	580.005
18)	L4 AR-1242-3	5.568	4.956	64717719	30515080	589.992	597.517
19)	L4 AR-1242-4	5.666	5.036	53561715	29125040	591.143	584.925
20)	L4 AR-1242-5	6.393	5.552	15116077	35458675	152.701	599.727 #
21)	L5 AR-1248-1	5.485	4.763	72626512	40402225	835.004	818.395
22)	L5 AR-1248-2	5.750	4.995	45823347	24543651	370.729	372.405
23)	L5 AR-1248-3	5.955	5.036	53206962	29125040	386.086	436.887
24)	L5 AR-1248-4	6.356	5.207	18892921	31763669	117.120	392.942 #
25)	L5 AR-1248-5	6.393	5.593	15116077	8053903	98.738	101.866
26)	L6 AR-1254-1	6.326	5.552	54797827	35458675	125.717	105.670
27)	L6 AR-1254-2	6.539	5.697	51829151	27144144	76.424	96.787 #
28)	L6 AR-1254-3	6.908	6.106	28097120	45312131	40.061	99.472 #
29)	L6 AR-1254-4	7.191	6.324	19848118	6843369	37.354	24.173 #
30)	L6 AR-1254-5	7.607	6.735	158.0E6	89453218	290.546	241.811
31)	L7 AR-1260-1	7.065	6.222	103.6E6	61414667	526.461	550.729
32)	L7 AR-1260-2	7.320	6.410	130.7E6	75183334	517.830	553.010
33)	L7 AR-1260-3	7.675	6.561	84013847	69750804	524.501	560.790
34)	L7 AR-1260-4	7.903	7.026	93248706	46879426	514.286	553.215
35)	L7 AR-1260-5	8.215	7.269	193.4E6	114.0E6	504.689	551.144
36)	L8 AR-1262-1	7.675	6.767	84013847	53626772	284.155	330.302
37)	L8 AR-1262-2	8.215	7.269	193.4E6	114.0E6	361.763	395.556
38)	L8 AR-1262-3	8.507	7.544	37417378	22675347	162.127	196.149
39)	L8 AR-1262-4	8.584	7.611	69127378	83706392	256.219	400.158 #
40)	L8 AR-1262-5	9.223	8.106	45820159	23227248	243.228	250.169
41)	L9 AR-1268-1	8.507	7.544	37417378	22675347	55.901	66.709

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020719\
 Data File : PQ037006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2019 08:31
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

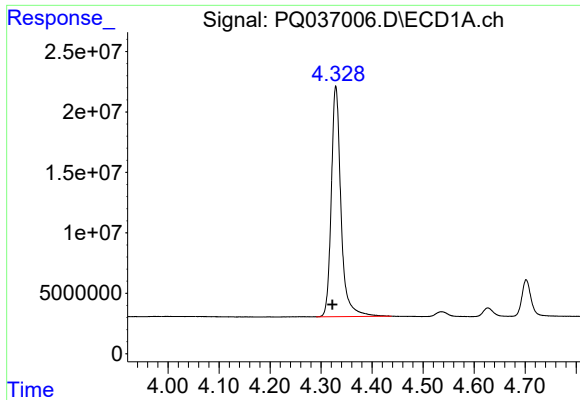
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 09:03:50 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ020619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 06 18:32:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.584	7.611	69127378	83706392	111.338	270.544 #
43) L9	AR-1268-3	8.805	7.807	3919020	1972045	7.138	7.710
44) L9	AR-1268-4	9.223	8.106	45820159	23227248	221.311	221.857
45) L9	AR-1268-5	9.602	8.387	11676880	6181880	6.986	7.657

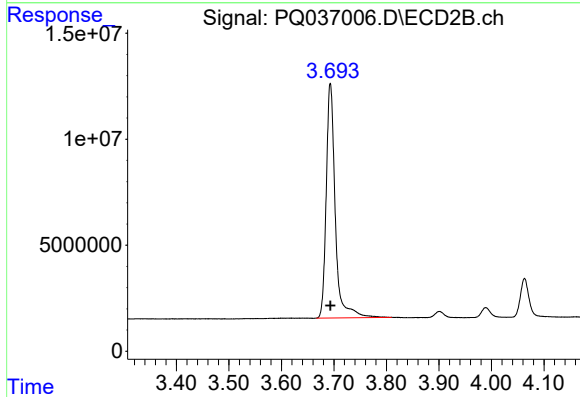
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

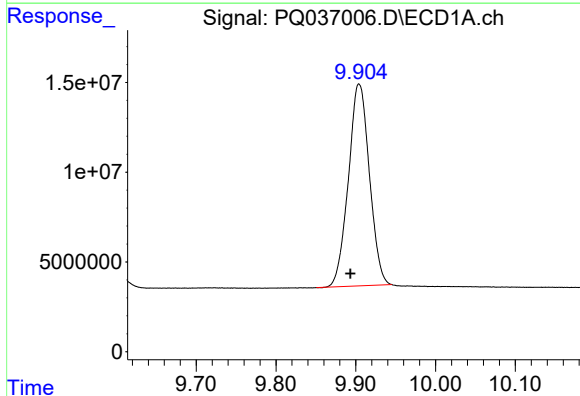
R.T.: 4.329 min
Delta R.T.: 0.007 min
Response: 252332744
Conc: 56.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



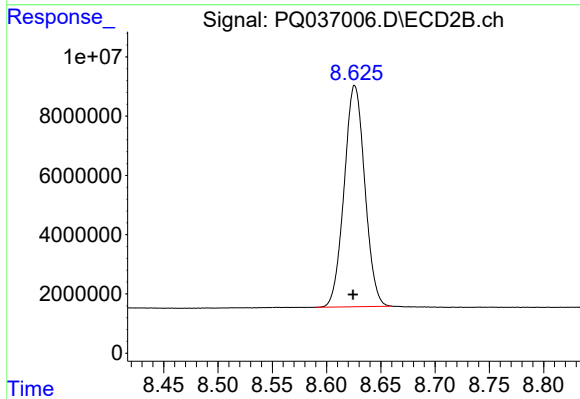
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.000 min
Response: 132261167
Conc: 57.27 ng/ml



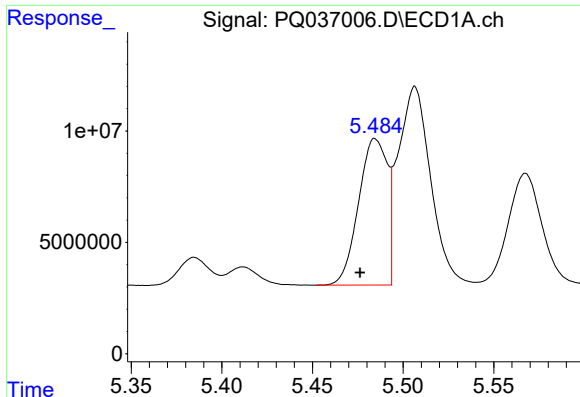
#2 Decachlorobiphenyl

R.T.: 9.904 min
Delta R.T.: 0.011 min
Response: 205701268
Conc: 49.89 ng/ml



#2 Decachlorobiphenyl

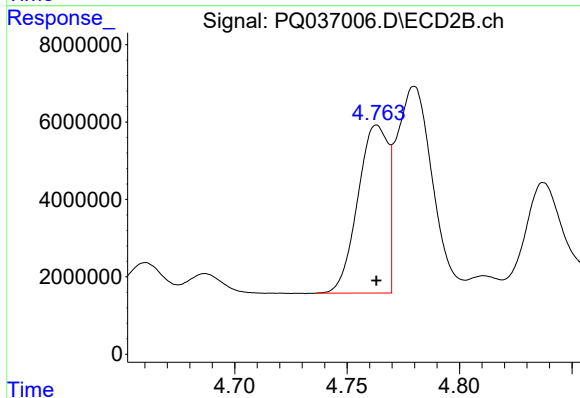
R.T.: 8.626 min
Delta R.T.: 0.002 min
Response: 98773787
Conc: 52.57 ng/ml



#3 AR-1016-1

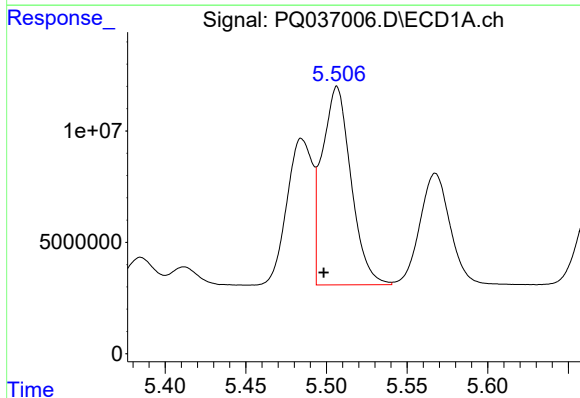
R.T.: 5.485 min
Delta R.T.: 0.008 min
Response: 72626512
Conc: 527.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



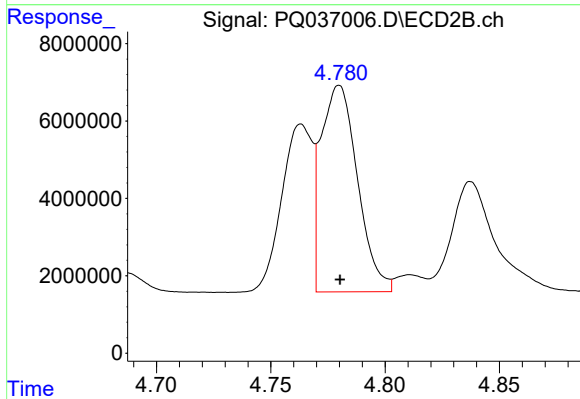
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 40402225
Conc: 559.02 ng/ml



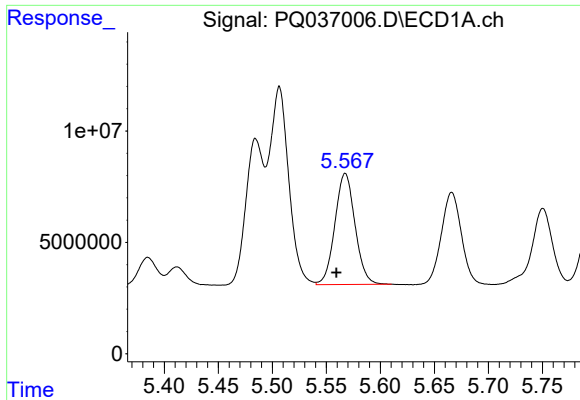
#4 AR-1016-2

R.T.: 5.507 min
Delta R.T.: 0.008 min
Response: 110972125
Conc: 530.62 ng/ml



#4 AR-1016-2

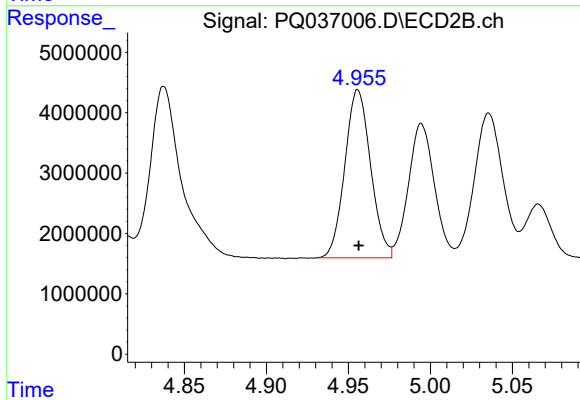
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 59442869
Conc: 548.80 ng/ml



#5 AR-1016-3

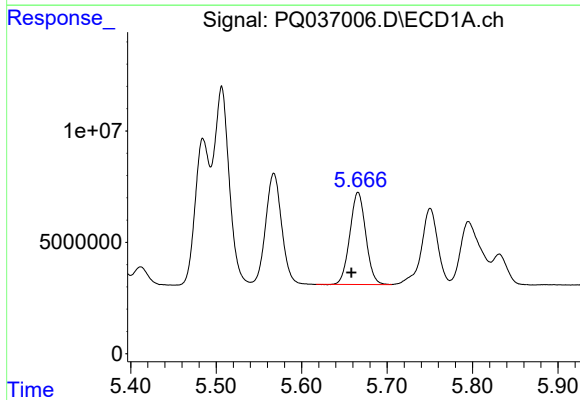
R.T.: 5.568 min
Delta R.T.: 0.008 min
Response: 64717719
Conc: 540.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



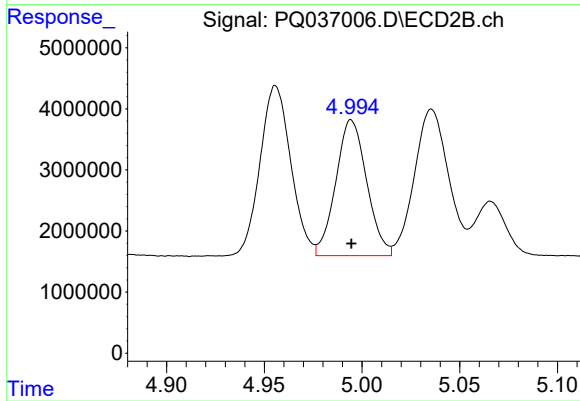
#5 AR-1016-3

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 30515080
Conc: 554.01 ng/ml



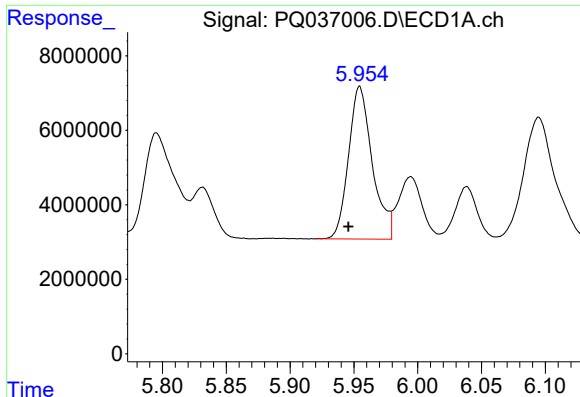
#6 AR-1016-4

R.T.: 5.666 min
Delta R.T.: 0.008 min
Response: 53561715
Conc: 542.48 ng/ml



#6 AR-1016-4

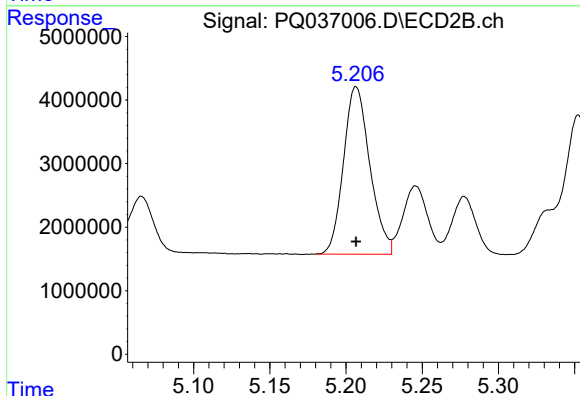
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 24543651
Conc: 547.90 ng/ml



#7 AR-1016-5

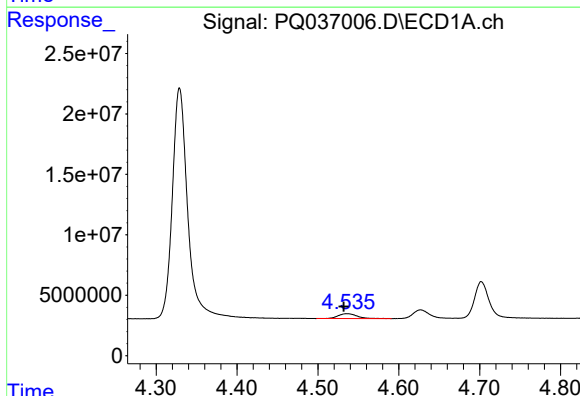
R.T.: 5.955 min
Delta R.T.: 0.009 min
Response: 53206962
Conc: 542.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



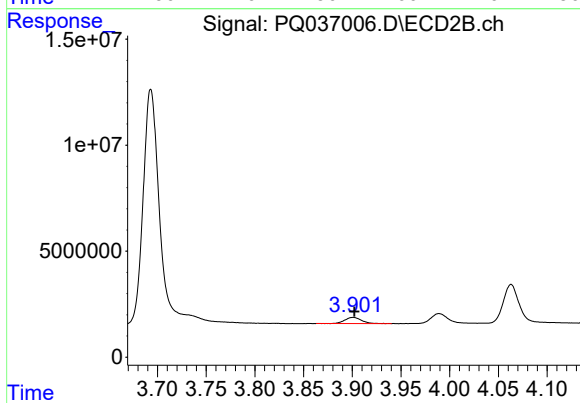
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 31763669
Conc: 547.03 ng/ml



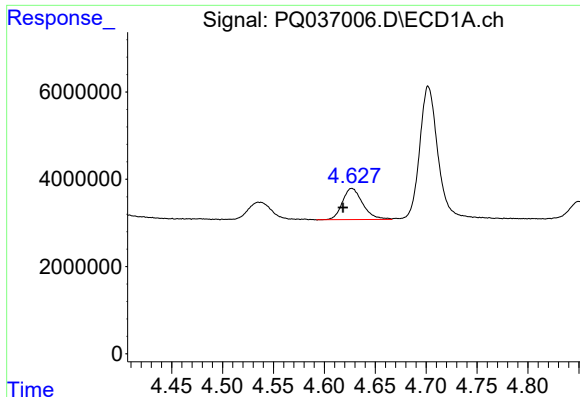
#8 AR-1221-1

R.T.: 4.536 min
Delta R.T.: 0.004 min
Response: 6338828
Conc: 82.84 ng/ml



#8 AR-1221-1

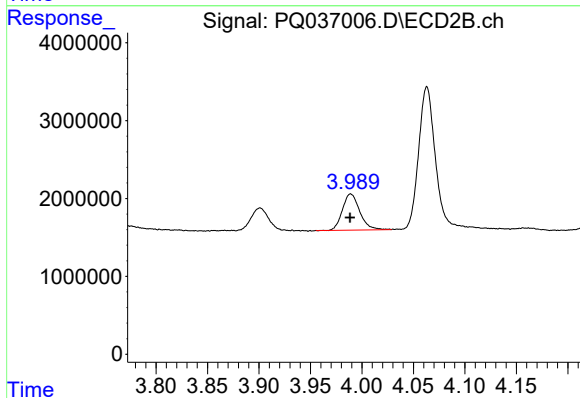
R.T.: 3.901 min
Delta R.T.: -0.001 min
Response: 3496970
Conc: 86.69 ng/ml



#9 AR-1221-2

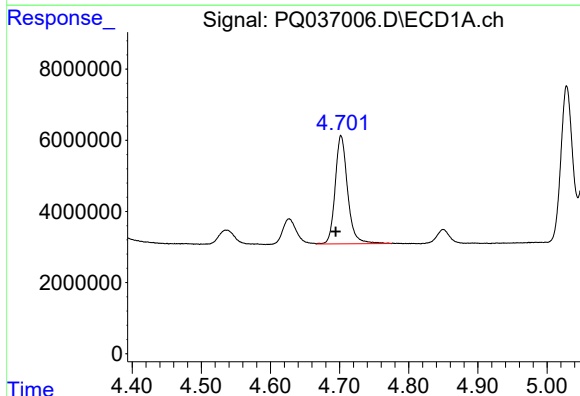
R.T.: 4.627 min
Delta R.T.: 0.009 min
Response: 9894296
Conc: 187.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



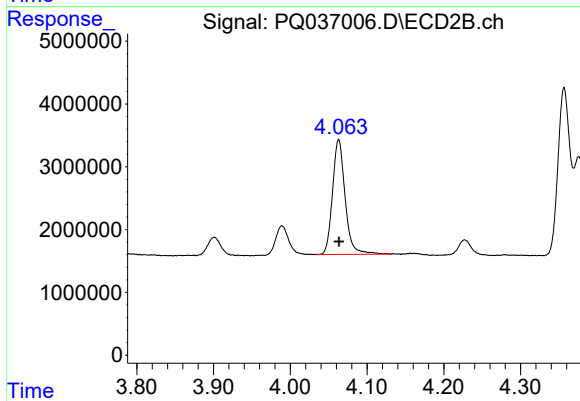
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 5456562
Conc: 190.73 ng/ml



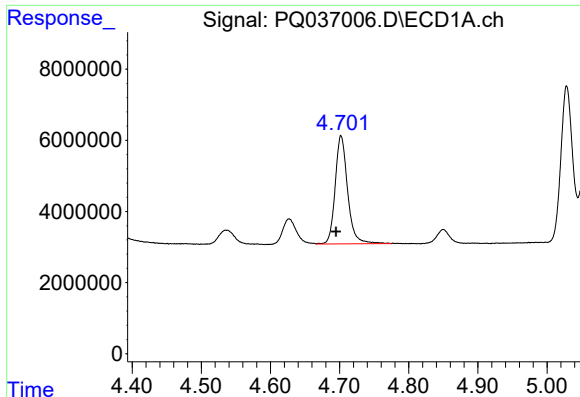
#10 AR-1221-3

R.T.: 4.702 min
Delta R.T.: 0.008 min
Response: 38145677
Conc: 206.51 ng/ml



#10 AR-1221-3

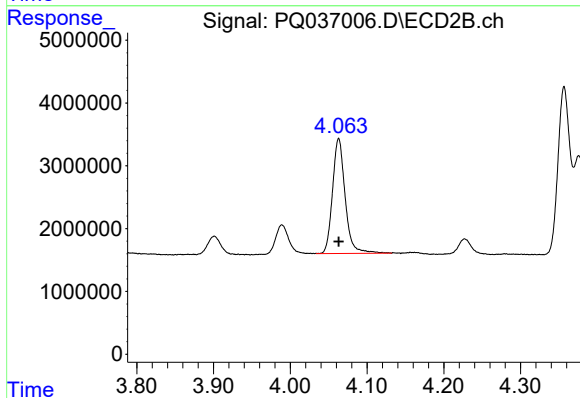
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 20965407
Conc: 211.46 ng/ml



#11 AR-1232-1

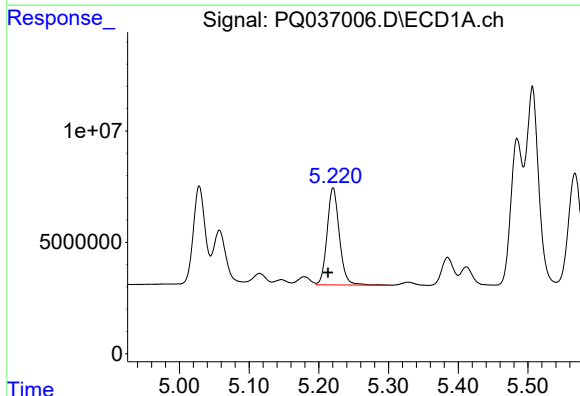
R.T.: 4.702 min
Delta R.T.: 0.007 min
Response: 38145677
Conc: 374.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



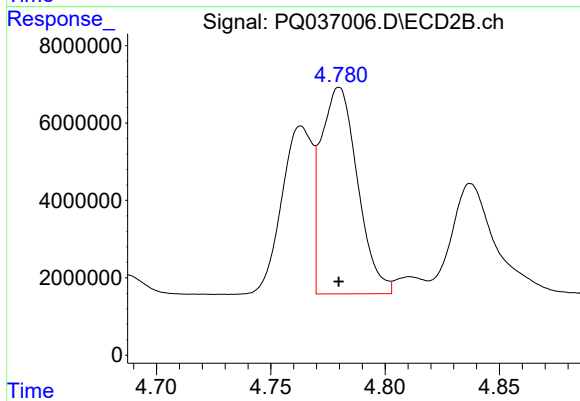
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 20965407
Conc: 379.69 ng/ml



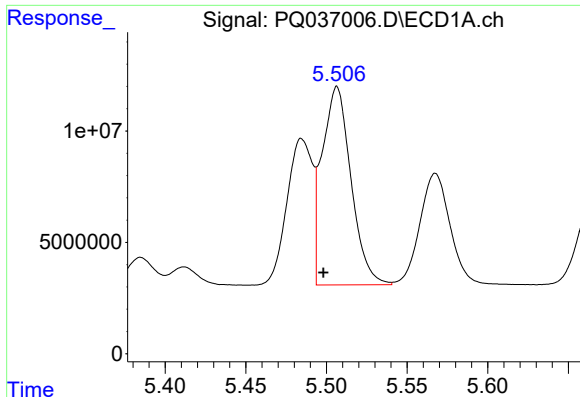
#12 AR-1232-2

R.T.: 5.221 min
Delta R.T.: 0.007 min
Response: 53202158
Conc: 1028.77 ng/ml



#12 AR-1232-2

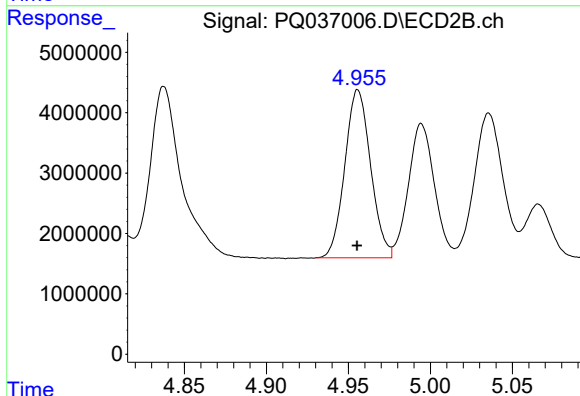
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 59442869
Conc: 1006.14 ng/ml



#13 AR-1232-3

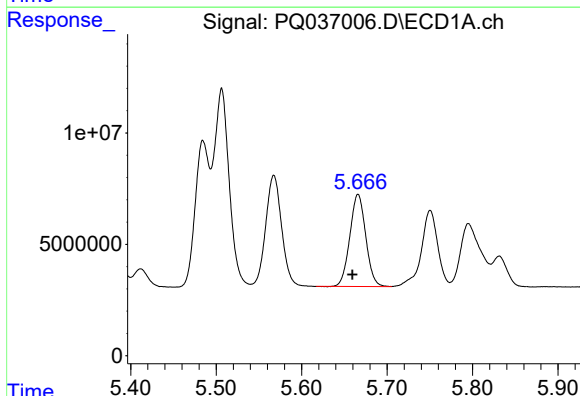
R.T.: 5.507 min
Delta R.T.: 0.008 min
Response: 110972125
Conc: 1029.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



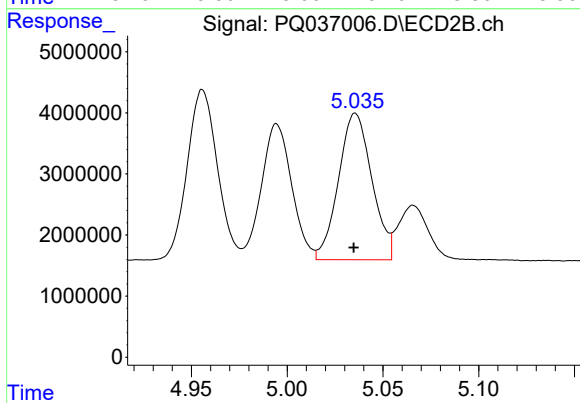
#13 AR-1232-3

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 30515080
Conc: 1030.40 ng/ml



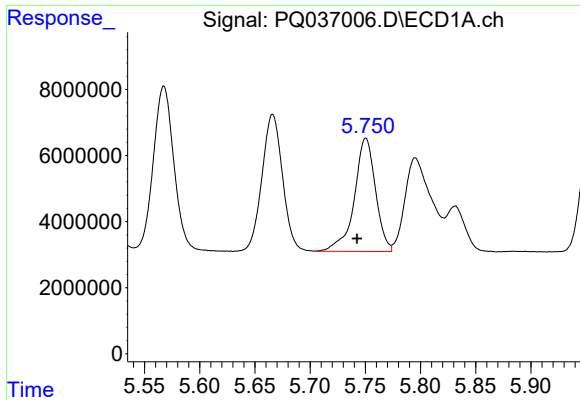
#14 AR-1232-4

R.T.: 5.666 min
Delta R.T.: 0.007 min
Response: 53561715
Conc: 1039.13 ng/ml



#14 AR-1232-4

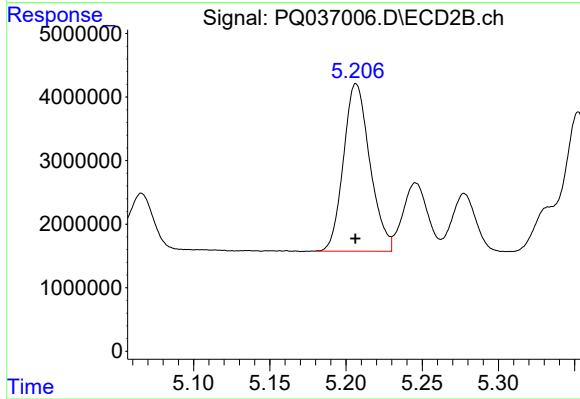
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 29125040
Conc: 1102.11 ng/ml



#15 AR-1232-5

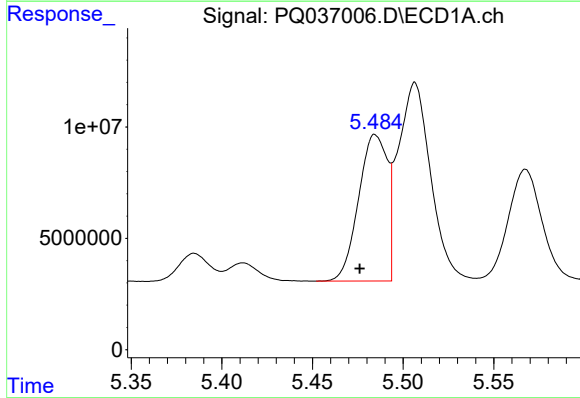
R.T.: 5.750 min
Delta R.T.: 0.008 min
Response: 45823347
Conc: 1221.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



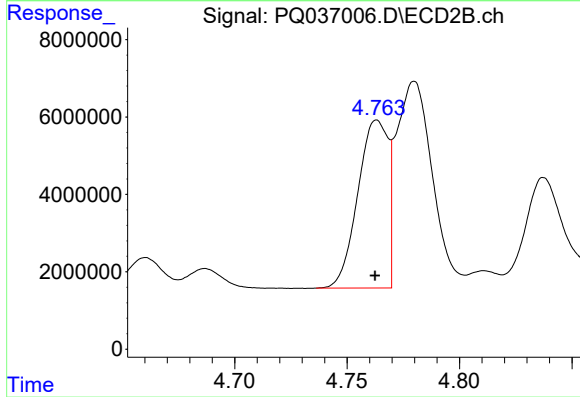
#15 AR-1232-5

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 31763669
Conc: 1110.66 ng/ml



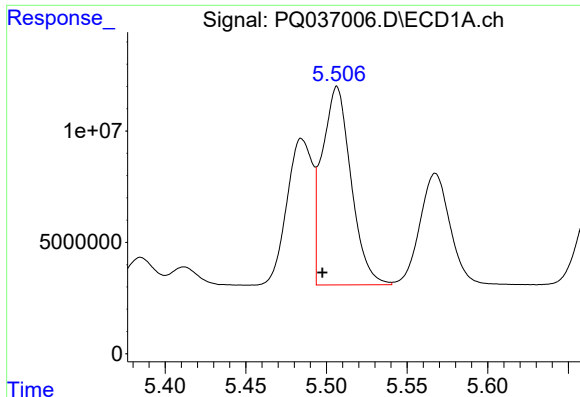
#16 AR-1242-1

R.T.: 5.485 min
Delta R.T.: 0.008 min
Response: 72626512
Conc: 584.33 ng/ml



#16 AR-1242-1

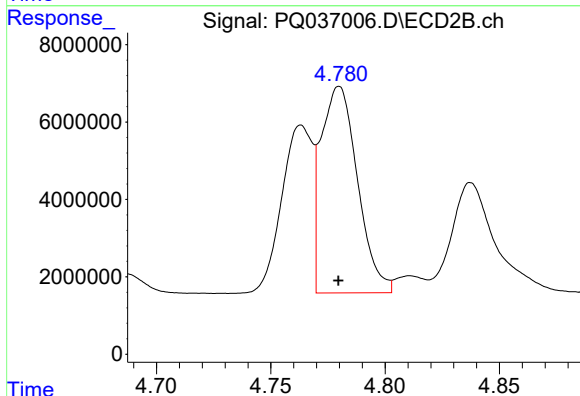
R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 40402225
Conc: 600.69 ng/ml



#17 AR-1242-2

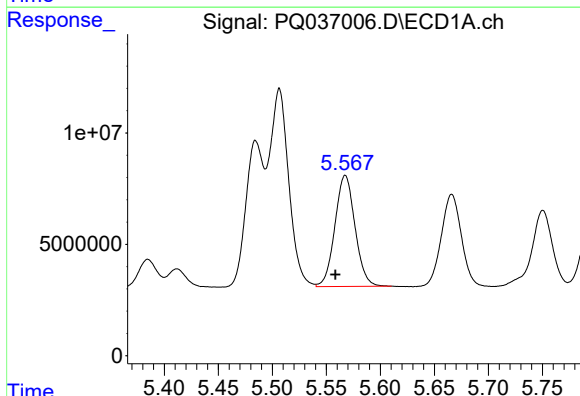
R.T.: 5.507 min
Delta R.T.: 0.009 min
Response: 110972125
Conc: 580.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



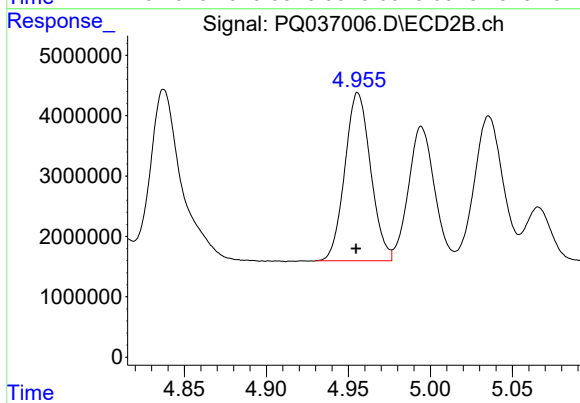
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 59442869
Conc: 580.01 ng/ml



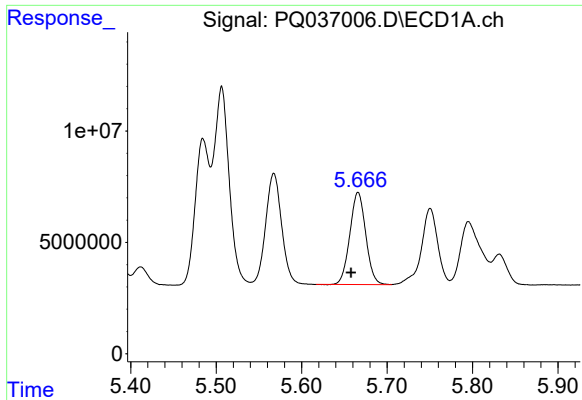
#18 AR-1242-3

R.T.: 5.568 min
Delta R.T.: 0.009 min
Response: 64717719
Conc: 589.99 ng/ml



#18 AR-1242-3

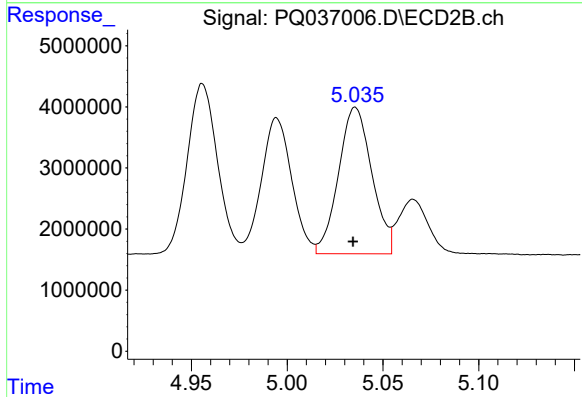
R.T.: 4.956 min
Delta R.T.: 0.001 min
Response: 30515080
Conc: 597.52 ng/ml



#19 AR-1242-4

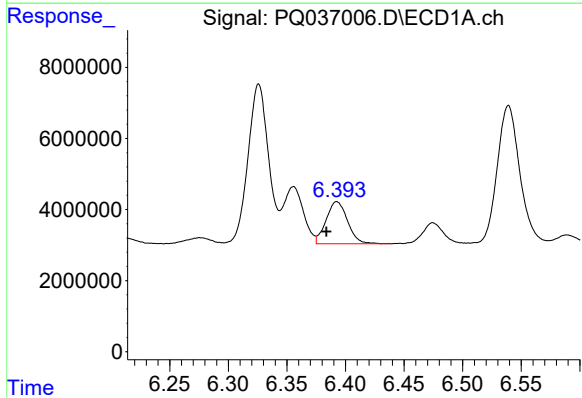
R.T.: 5.666 min
Delta R.T.: 0.008 min
Response: 53561715
Conc: 591.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



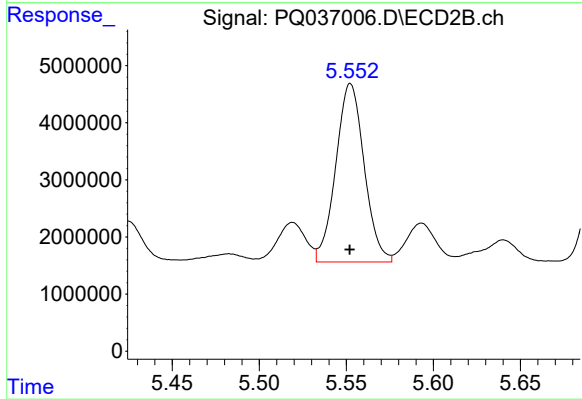
#19 AR-1242-4

R.T.: 5.036 min
Delta R.T.: 0.001 min
Response: 29125040
Conc: 584.92 ng/ml



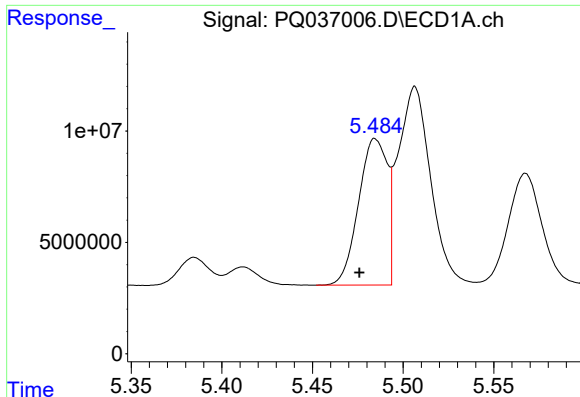
#20 AR-1242-5

R.T.: 6.393 min
Delta R.T.: 0.009 min
Response: 15116077
Conc: 152.70 ng/ml



#20 AR-1242-5

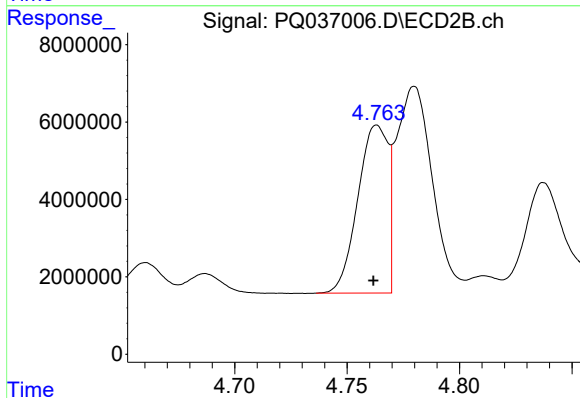
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 35458675
Conc: 599.73 ng/ml



#21 AR-1248-1

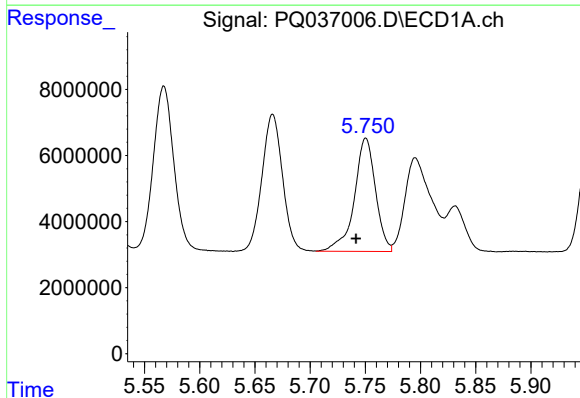
R.T.: 5.485 min
Delta R.T.: 0.009 min
Response: 72626512
Conc: 835.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



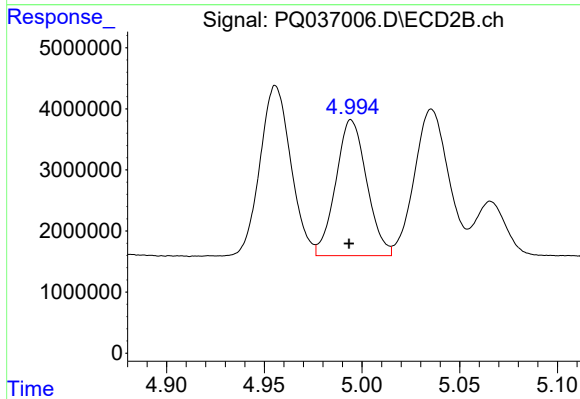
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 40402225
Conc: 818.39 ng/ml



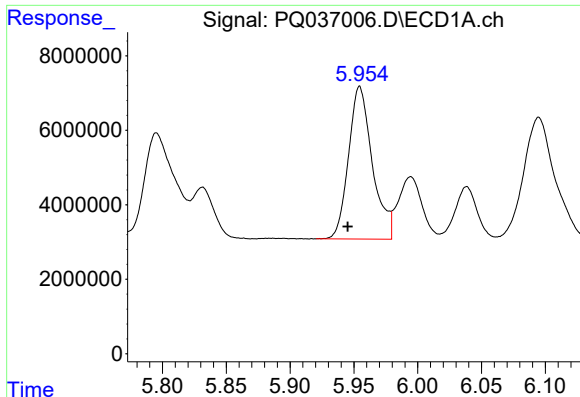
#22 AR-1248-2

R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 45823347
Conc: 370.73 ng/ml



#22 AR-1248-2

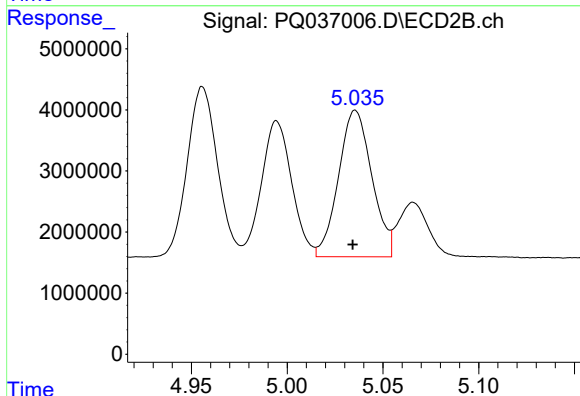
R.T.: 4.995 min
Delta R.T.: 0.001 min
Response: 24543651
Conc: 372.41 ng/ml



#23 AR-1248-3

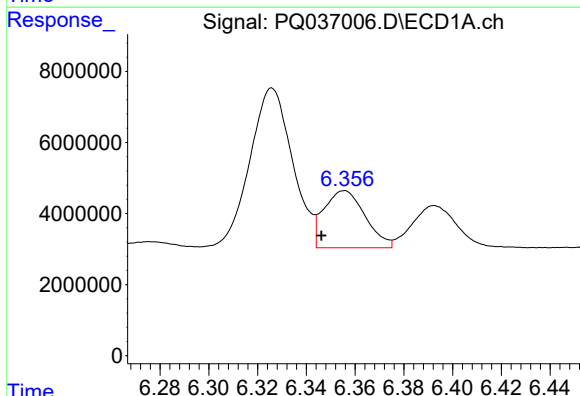
R.T.: 5.955 min
Delta R.T.: 0.009 min
Response: 53206962
Conc: 386.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



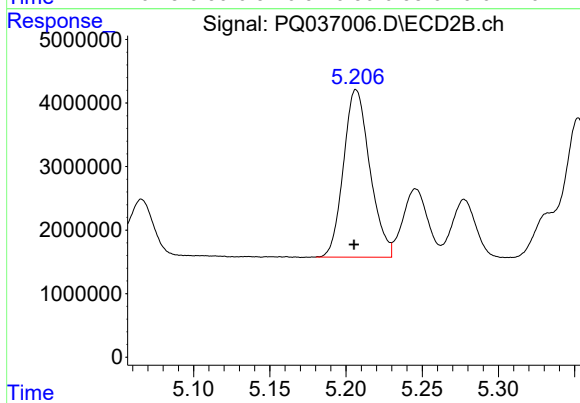
#23 AR-1248-3

R.T.: 5.036 min
Delta R.T.: 0.001 min
Response: 29125040
Conc: 436.89 ng/ml



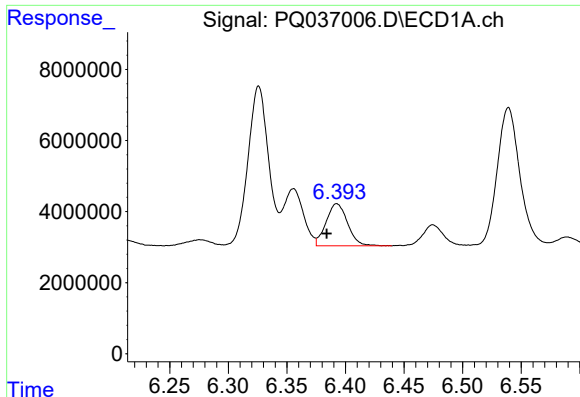
#24 AR-1248-4

R.T.: 6.356 min
Delta R.T.: 0.009 min
Response: 18892921
Conc: 117.12 ng/ml



#24 AR-1248-4

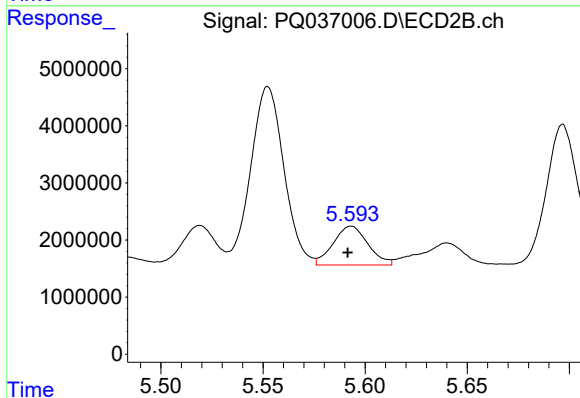
R.T.: 5.207 min
Delta R.T.: 0.001 min
Response: 31763669
Conc: 392.94 ng/ml



#25 AR-1248-5

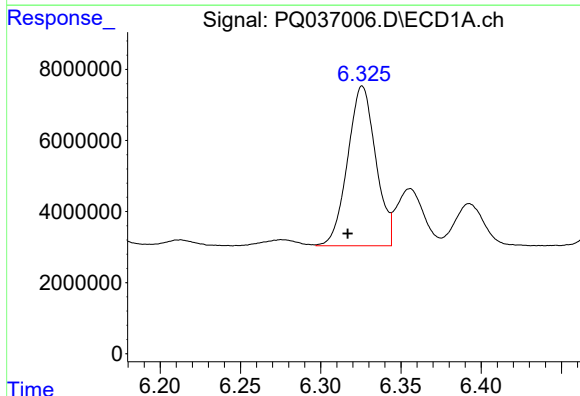
R.T.: 6.393 min
Delta R.T.: 0.008 min
Response: 15116077
Conc: 98.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



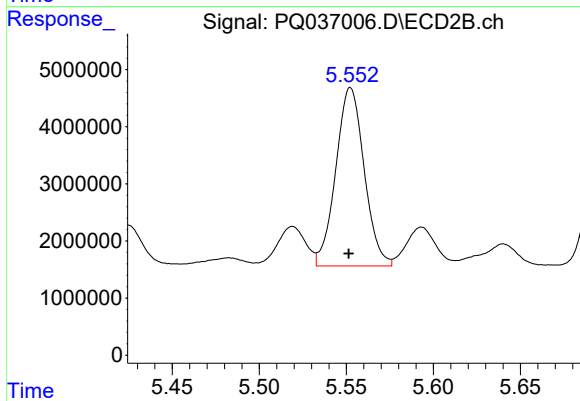
#25 AR-1248-5

R.T.: 5.593 min
Delta R.T.: 0.002 min
Response: 8053903
Conc: 101.87 ng/ml



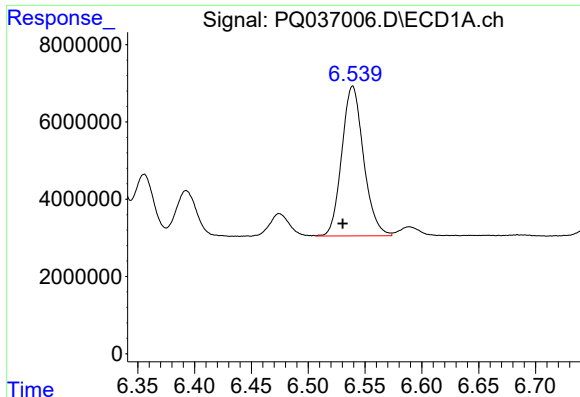
#26 AR-1254-1

R.T.: 6.326 min
Delta R.T.: 0.009 min
Response: 54797827
Conc: 125.72 ng/ml



#26 AR-1254-1

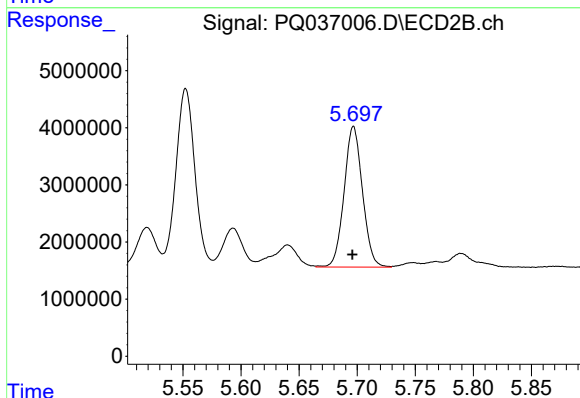
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 35458675
Conc: 105.67 ng/ml



#27 AR-1254-2

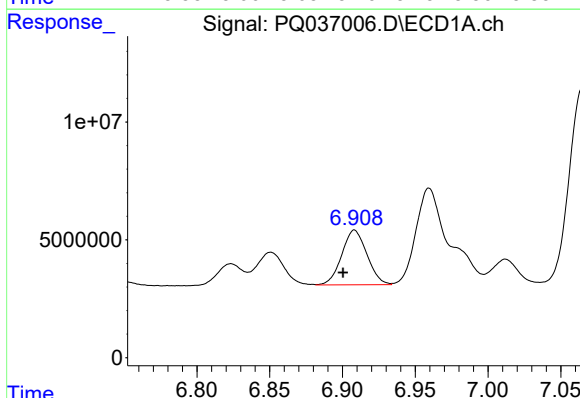
R.T.: 6.539 min
Delta R.T.: 0.009 min
Response: 51829151
Conc: 76.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



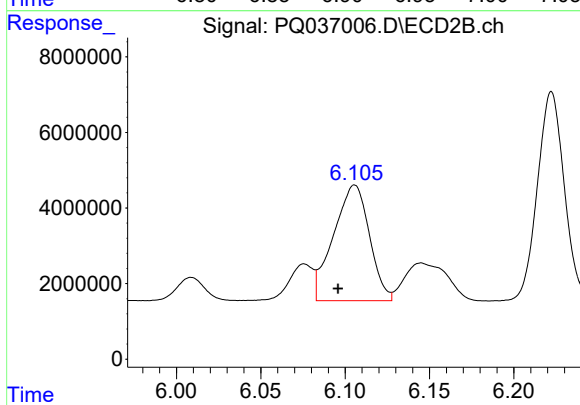
#27 AR-1254-2

R.T.: 5.697 min
Delta R.T.: 0.001 min
Response: 27144144
Conc: 96.79 ng/ml



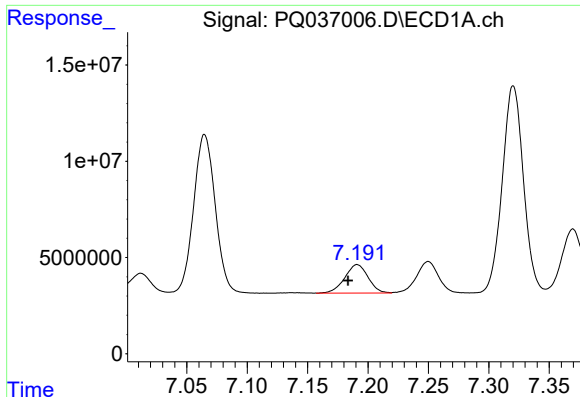
#28 AR-1254-3

R.T.: 6.908 min
Delta R.T.: 0.008 min
Response: 28097120
Conc: 40.06 ng/ml



#28 AR-1254-3

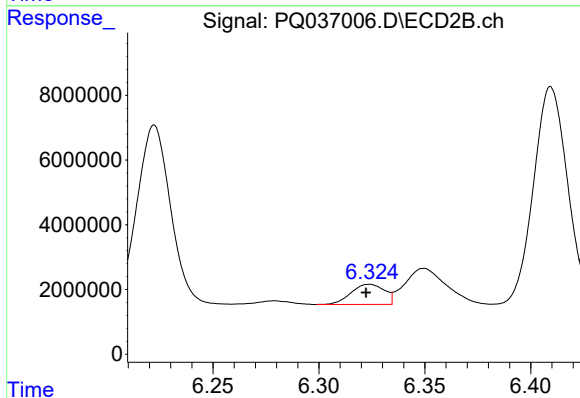
R.T.: 6.106 min
Delta R.T.: 0.010 min
Response: 45312131
Conc: 99.47 ng/ml



#29 AR-1254-4

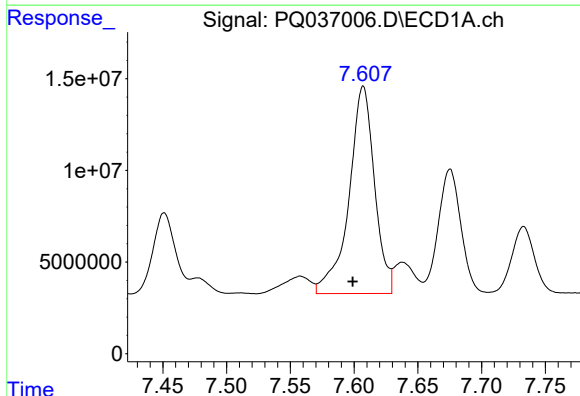
R.T.: 7.191 min
Delta R.T.: 0.008 min
Response: 19848118
Conc: 37.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



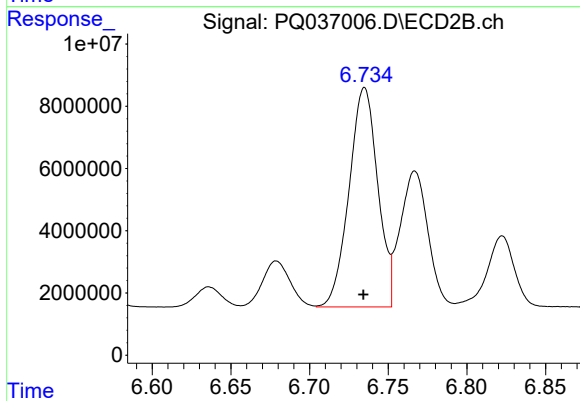
#29 AR-1254-4

R.T.: 6.324 min
Delta R.T.: 0.002 min
Response: 6843369
Conc: 24.17 ng/ml



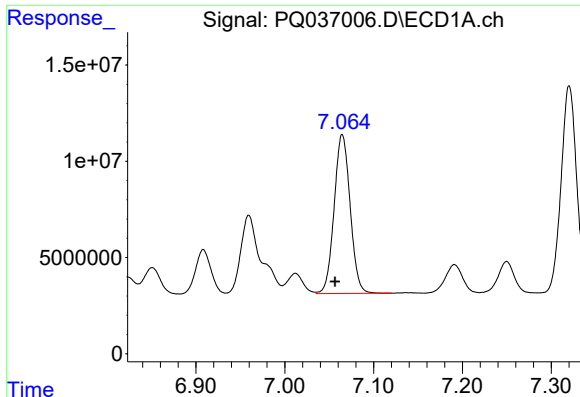
#30 AR-1254-5

R.T.: 7.607 min
Delta R.T.: 0.008 min
Response: 158002528
Conc: 290.55 ng/ml



#30 AR-1254-5

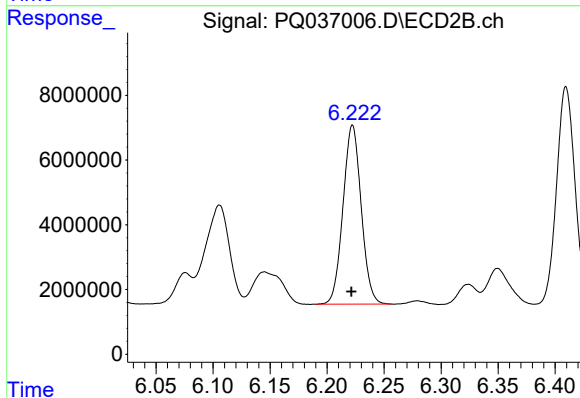
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 89453218
Conc: 241.81 ng/ml



#31 AR-1260-1

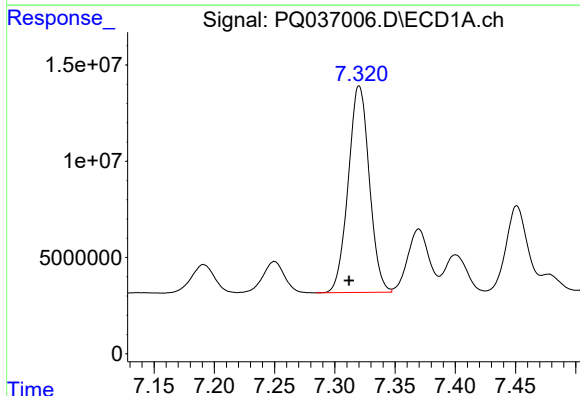
R.T.: 7.065 min
Delta R.T.: 0.008 min
Response: 103580820
Conc: 526.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



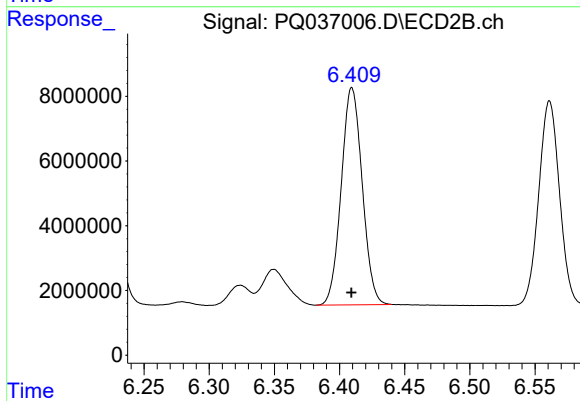
#31 AR-1260-1

R.T.: 6.222 min
Delta R.T.: 0.001 min
Response: 61414667
Conc: 550.73 ng/ml



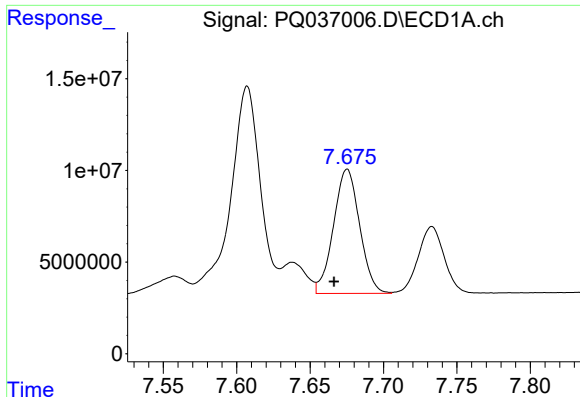
#32 AR-1260-2

R.T.: 7.320 min
Delta R.T.: 0.008 min
Response: 130745719
Conc: 517.83 ng/ml



#32 AR-1260-2

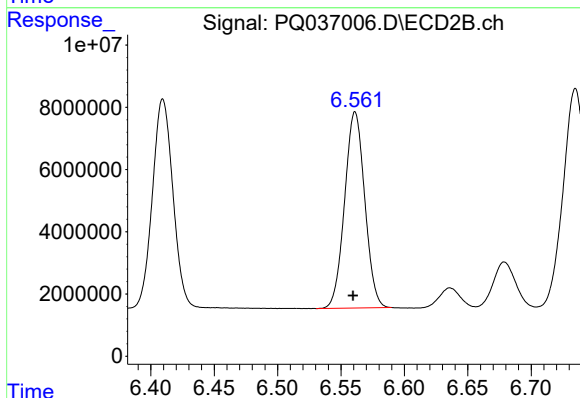
R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 75183334
Conc: 553.01 ng/ml



#33 AR-1260-3

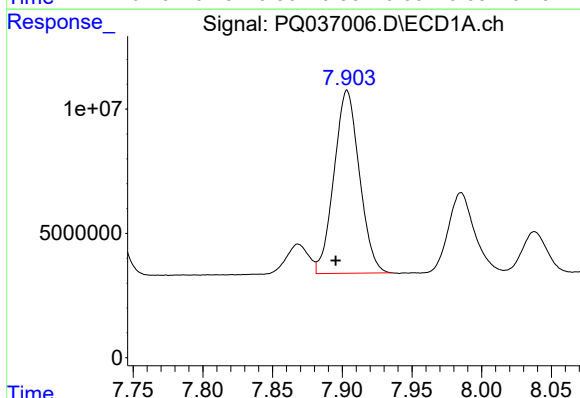
R.T.: 7.675 min
Delta R.T.: 0.009 min
Response: 84013847
Conc: 524.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



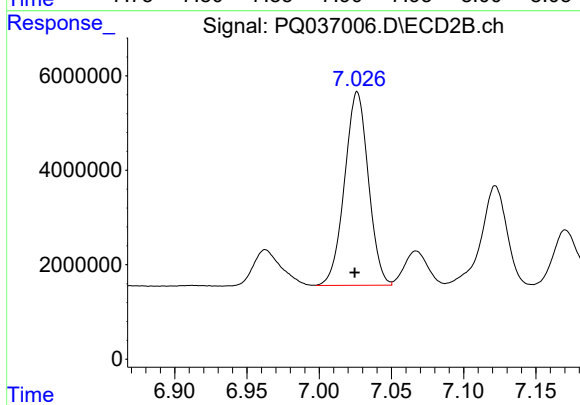
#33 AR-1260-3

R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 69750804
Conc: 560.79 ng/ml



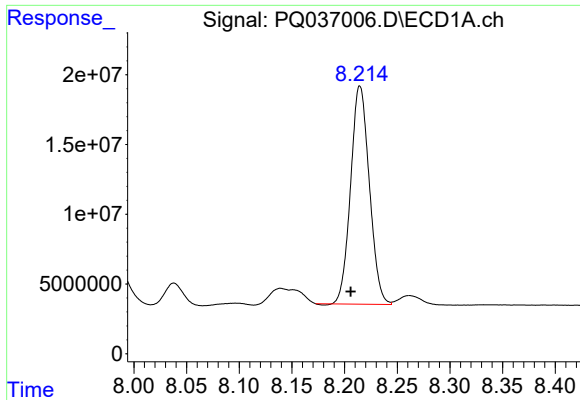
#34 AR-1260-4

R.T.: 7.903 min
Delta R.T.: 0.008 min
Response: 93248706
Conc: 514.29 ng/ml



#34 AR-1260-4

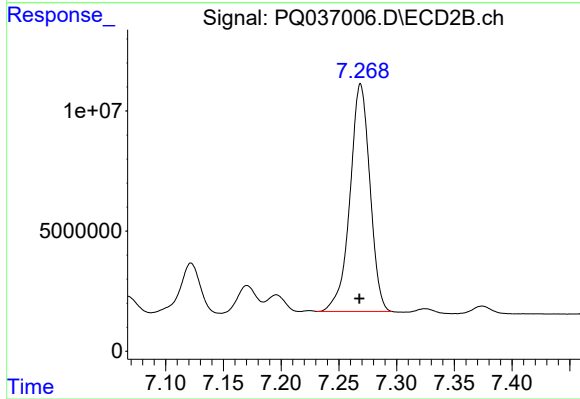
R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 46879426
Conc: 553.22 ng/ml



#35 AR-1260-5

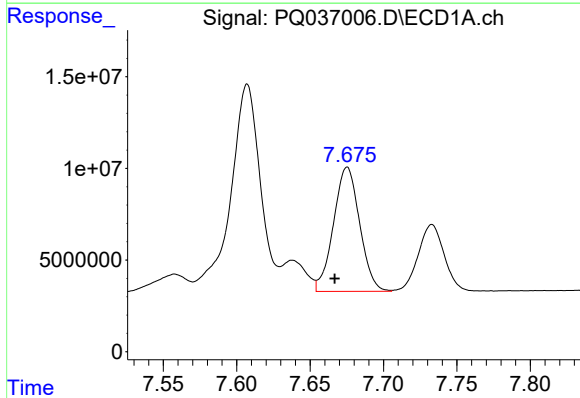
R.T.: 8.215 min
Delta R.T.: 0.009 min
Response: 193416266
Conc: 504.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



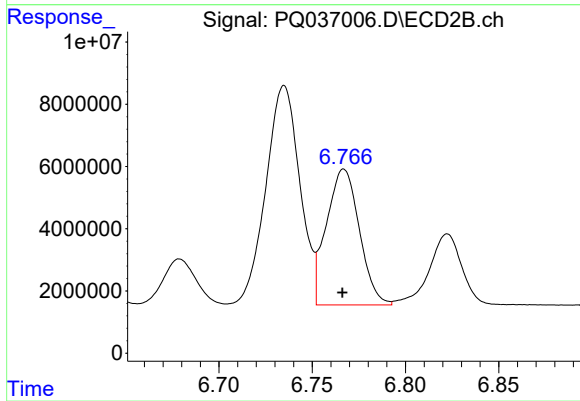
#35 AR-1260-5

R.T.: 7.269 min
Delta R.T.: 0.001 min
Response: 113950728
Conc: 551.14 ng/ml



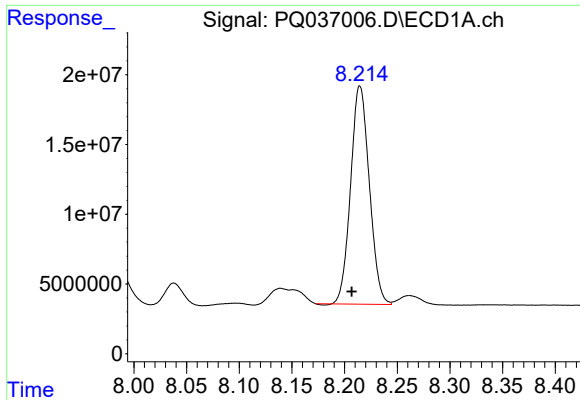
#36 AR-1262-1

R.T.: 7.675 min
Delta R.T.: 0.008 min
Response: 84013847
Conc: 284.16 ng/ml



#36 AR-1262-1

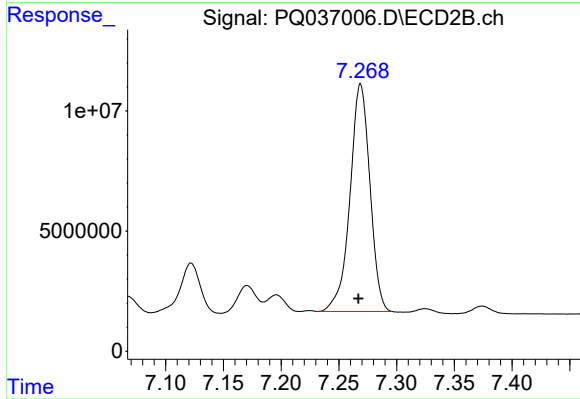
R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 53626772
Conc: 330.30 ng/ml



#37 AR-1262-2

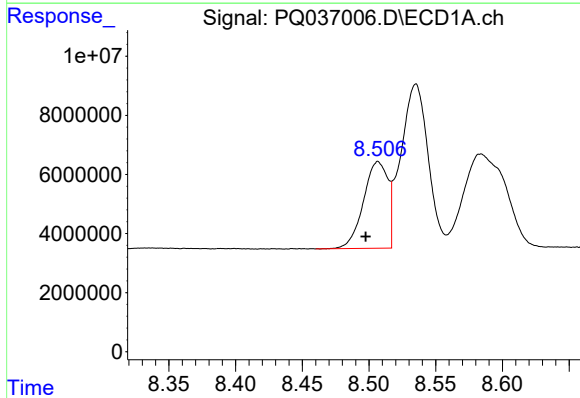
R.T.: 8.215 min
Delta R.T.: 0.008 min
Response: 193416266
Conc: 361.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



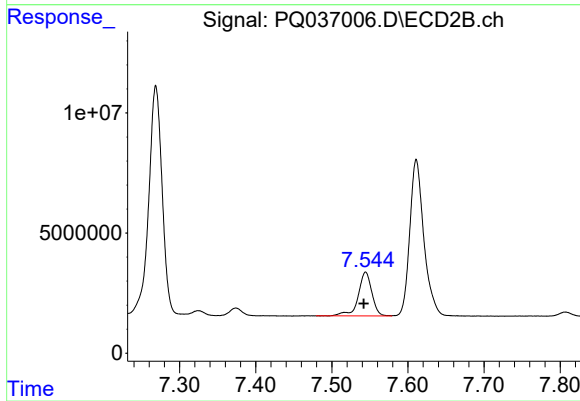
#37 AR-1262-2

R.T.: 7.269 min
Delta R.T.: 0.002 min
Response: 113950728
Conc: 395.56 ng/ml



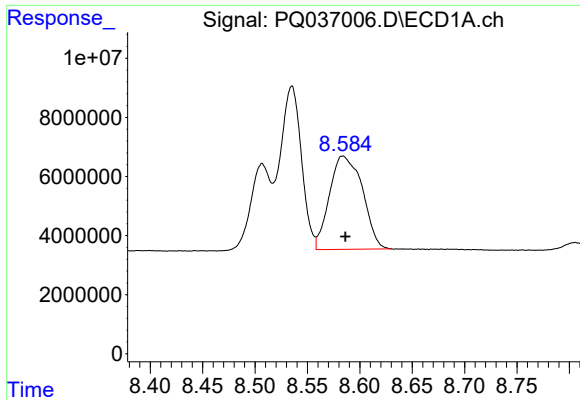
#38 AR-1262-3

R.T.: 8.507 min
Delta R.T.: 0.009 min
Response: 37417378
Conc: 162.13 ng/ml



#38 AR-1262-3

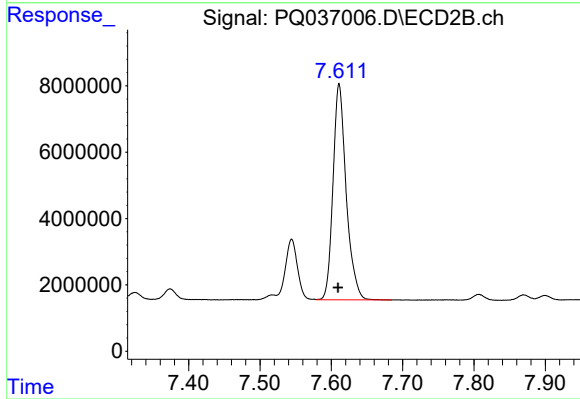
R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 22675347
Conc: 196.15 ng/ml



#39 AR-1262-4

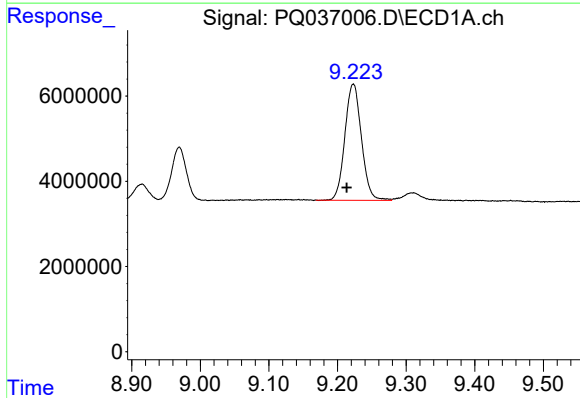
R.T.: 8.584 min
Delta R.T.: -0.002 min
Response: 69127378
Conc: 256.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



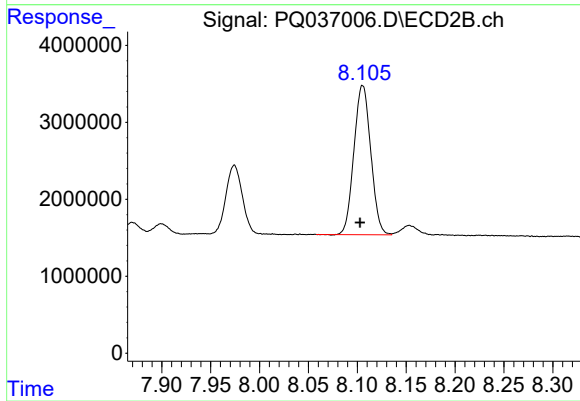
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: 0.002 min
Response: 83706392
Conc: 400.16 ng/ml



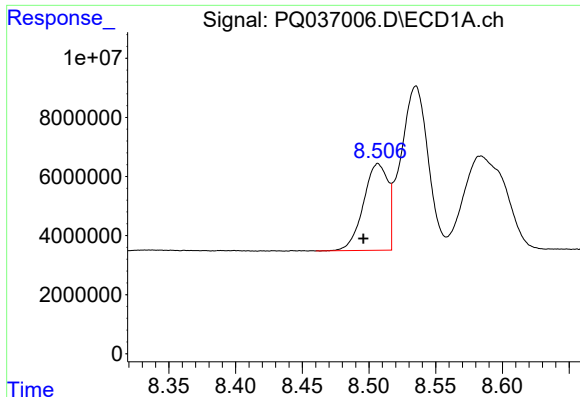
#40 AR-1262-5

R.T.: 9.223 min
Delta R.T.: 0.010 min
Response: 45820159
Conc: 243.23 ng/ml



#40 AR-1262-5

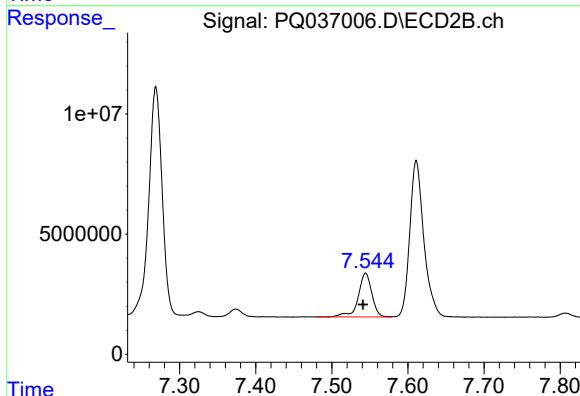
R.T.: 8.106 min
Delta R.T.: 0.003 min
Response: 23227248
Conc: 250.17 ng/ml



#41 AR-1268-1

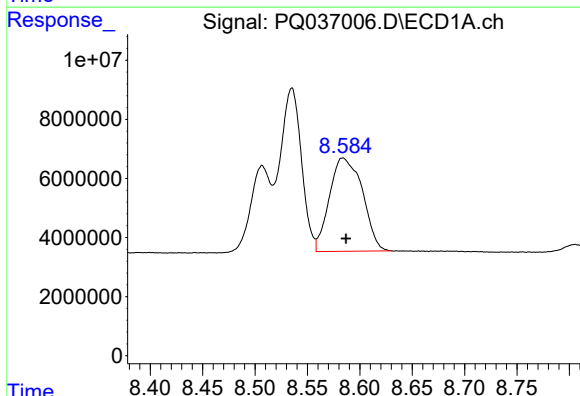
R.T.: 8.507 min
Delta R.T.: 0.011 min
Response: 37417378
Conc: 55.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



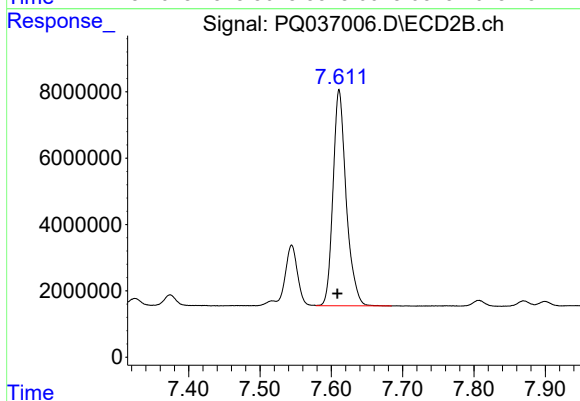
#41 AR-1268-1

R.T.: 7.544 min
Delta R.T.: 0.003 min
Response: 22675347
Conc: 66.71 ng/ml



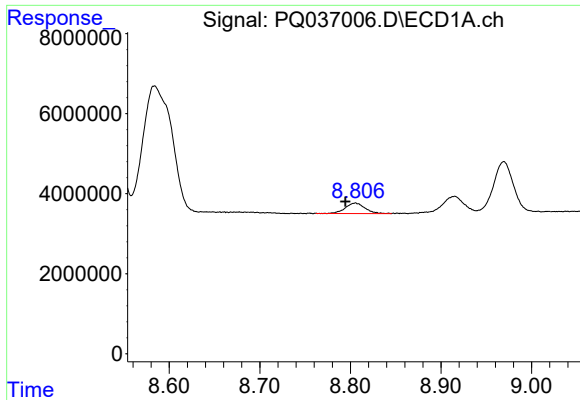
#42 AR-1268-2

R.T.: 8.584 min
Delta R.T.: -0.003 min
Response: 69127378
Conc: 111.34 ng/ml



#42 AR-1268-2

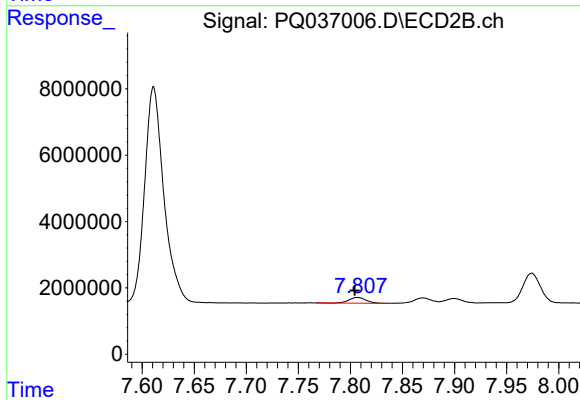
R.T.: 7.611 min
Delta R.T.: 0.002 min
Response: 83706392
Conc: 270.54 ng/ml



#43 AR-1268-3

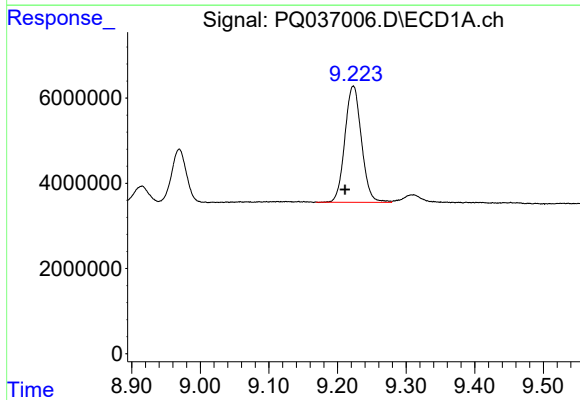
R.T.: 8.805 min
Delta R.T.: 0.011 min
Response: 3919020
Conc: 7.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



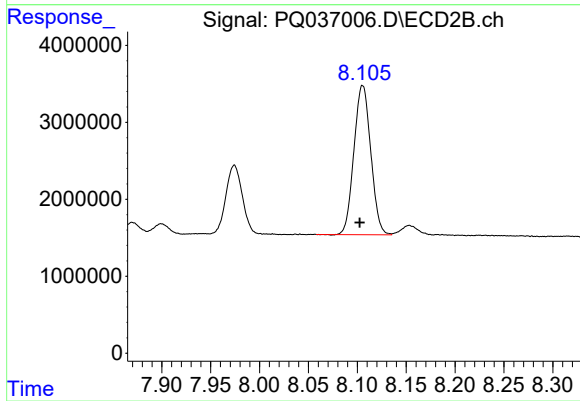
#43 AR-1268-3

R.T.: 7.807 min
Delta R.T.: 0.002 min
Response: 1972045
Conc: 7.71 ng/ml



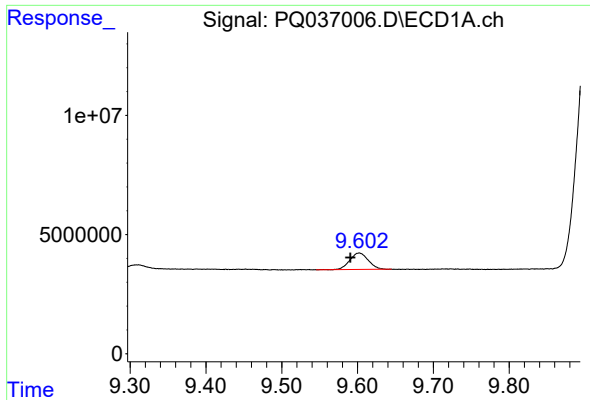
#44 AR-1268-4

R.T.: 9.223 min
Delta R.T.: 0.012 min
Response: 45820159
Conc: 221.31 ng/ml



#44 AR-1268-4

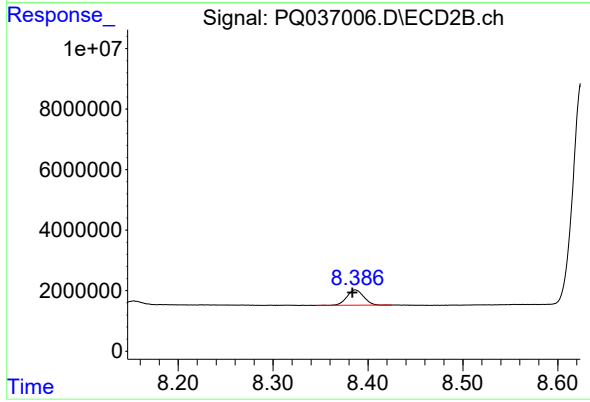
R.T.: 8.106 min
Delta R.T.: 0.003 min
Response: 23227248
Conc: 221.86 ng/ml



#45 AR-1268-5

R.T.: 9.602 min
Delta R.T.: 0.011 min
Response: 11676880
Conc: 6.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.387 min
Delta R.T.: 0.003 min
Response: 6181880
Conc: 7.66 ng/ml