

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072624\
 Data File : PQ067506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2024 09:53
 Operator : YP\AJ
 Sample : AR1660CCC400
 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: Jul 27 00:12:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072324CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 24 04:31:32 2024
 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...	3.461	2.828	123.3E6	126.4E6	17.171	19.356
2)	SA Decachlor...	8.743	7.613	81505300	115.0E6	37.087	38.485
Target Compounds							
3)	L1 AR-1016-1	4.575	3.837	61852426	71418155	364.718	396.942
4)	L1 AR-1016-2	4.594	3.853	103.1E6	124.9E6	335.130	461.936 #
5)	L1 AR-1016-3	4.653	4.014	63966459	59757497	341.901	394.484
6)	L1 AR-1016-4	4.746	4.062	51976342	52566885	345.571	389.076
7)	L1 AR-1016-5	5.037	4.259	54464431	64529025	332.729	387.770
8)	L2 AR-1221-1	3.660	3.028	8090055	8642226	99.487	110.546
9)	L2 AR-1221-2	3.743	3.106	9229008	10905233	171.067	209.659
10)	L2 AR-1221-3	3.814	3.175	39009576	43685876	221.797	261.275
11)	L3 AR-1232-1	3.814	3.175	39009576	43685876	329.785	328.288
12)	L3 AR-1232-2	4.313	3.853	61140339	124.9E6	915.757	993.914
13)	L3 AR-1232-3	4.594	4.014	103.1E6	59757497	865.196	866.360
14)	L3 AR-1232-4	4.746	4.100	51976342	57569634	917.693	876.505
15)	L3 AR-1232-5	4.844	4.259	42113242	64529025	990.055	918.087
16)	L4 AR-1242-1	4.575	3.837	61852426	71418155	434.756	441.490
17)	L4 AR-1242-2	4.594	3.853	103.1E6	124.9E6	438.820	482.665
18)	L4 AR-1242-3	4.653	4.014	63966459	59757497	444.058	451.866
19)	L4 AR-1242-4	4.746	4.100	51976342	57569634	462.563	437.894
20)	L4 AR-1242-5	5.474	4.597	13537699	63490323	107.918	387.470 #
21)	L5 AR-1248-1	4.575	3.837	61852426	71418155	574.136	571.981
22)	L5 AR-1248-2	4.844	4.062	42113242	52566885	261.135	261.158
23)	L5 AR-1248-3	5.037	4.100	54464431	57569634	280.274	301.199
24)	L5 AR-1248-4	5.438	4.259	17559348	64529025	85.666	271.365 #
25)	L5 AR-1248-5	5.474	4.636	13537699	14963141	63.458	69.285
26)	L6 AR-1254-1	5.409	4.597	48131606	63490323	217.341	181.801
27)	L6 AR-1254-2	5.631	4.744	45028477	46225058	132.087	148.302
28)	L6 AR-1254-3	5.990	5.147	19894614	87084988	57.765	181.903 #
29)	L6 AR-1254-4	6.278	5.354	12262225	7727961	54.750	28.752 #
30)	L6 AR-1254-5	6.700	5.760	153.4E6	166.0E6	482.319	387.923
31)	L7 AR-1260-1	6.158	5.256	106.4E6	127.3E6	367.077	382.853
32)	L7 AR-1260-2	6.424	5.447	151.3E6	152.9E6	426.295	387.111
33)	L7 AR-1260-3	6.785	5.589	94432949	143.4E6	367.951	383.327
34)	L7 AR-1260-4	7.006	6.051	104.7E6	119.8E6	374.535	385.105
35)	L7 AR-1260-5	7.326	6.296	197.2E6	255.5E6	368.787	384.524
36)	L8 AR-1262-1	6.785	5.803	94432949	125.2E6	306.736	299.978
37)	L8 AR-1262-2	7.326	6.296	197.2E6	255.5E6	384.813	371.360
38)	L8 AR-1262-3	7.609	6.575	115.0E6	55336378	368.069	189.219 #
39)	L8 AR-1262-4	7.677	6.634	71771010	183.2E6	300.165	356.011
40)	L8 AR-1262-5	8.203	7.128	43140041	63063247	287.319	269.464
41)	L9 AR-1268-1	7.609	6.575	115.0E6	55336378	186.528	64.095 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072624\
Data File : PQ067506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2024 09:53
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

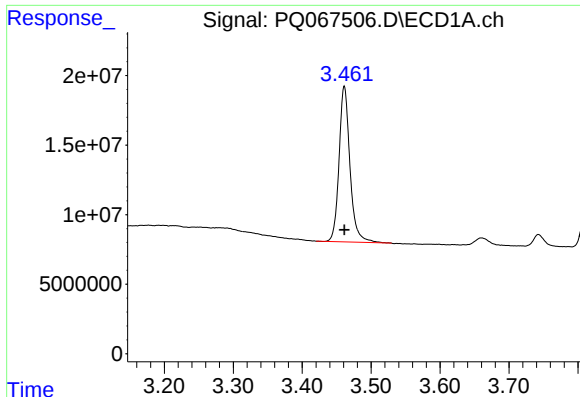
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:12:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072324CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 24 04:31:32 2024
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
42)	L9 AR-1268-2	7.677	6.634	71771010	183.2E6	131.524	227.918 #
43)	L9 AR-1268-3	7.869	6.839	2355480	3173394	4.916	4.374
44)	L9 AR-1268-4	8.203	7.128	43140041	63063247	245.442	219.657
45)	L9 AR-1268-5	8.504	7.396	11420645	17970567	8.646	8.846

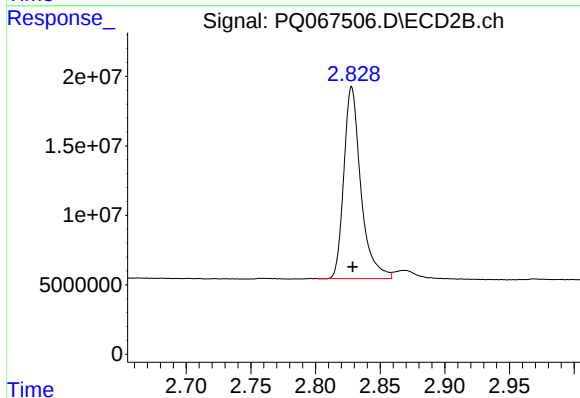
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

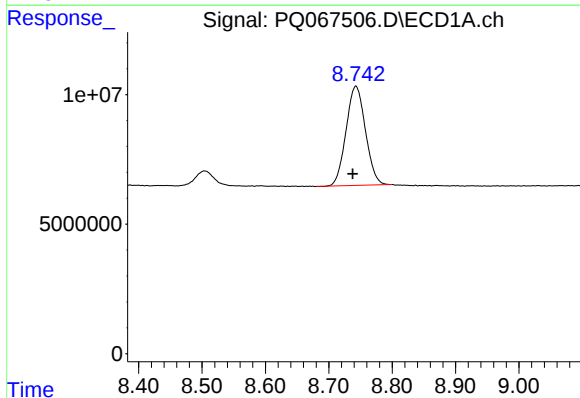
R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 123254963
Conc: 17.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



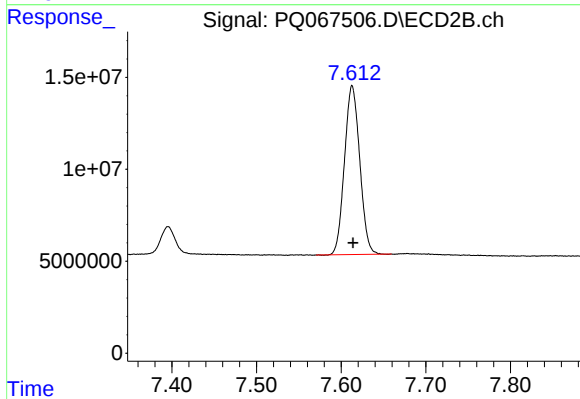
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 126422395
Conc: 19.36 ng/ml



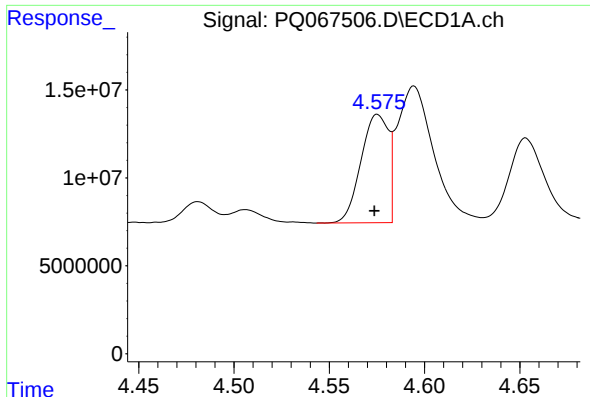
#2 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.005 min
Response: 81505300
Conc: 37.09 ng/ml



#2 Decachlorobiphenyl

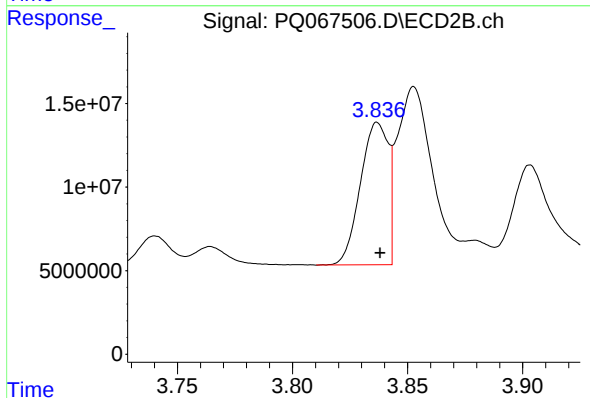
R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 115010287
Conc: 38.48 ng/ml



#3 AR-1016-1

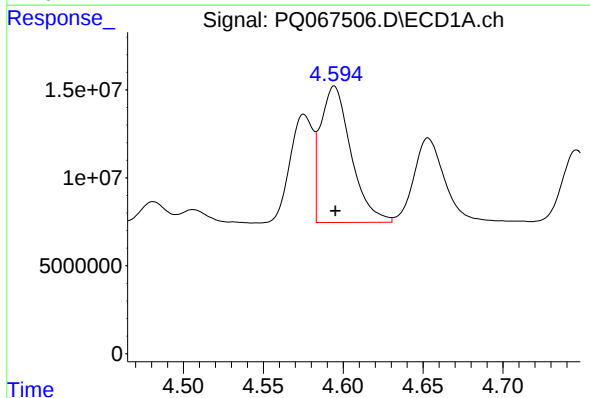
R.T.: 4.575 min
Delta R.T.: 0.002 min
Response: 61852426
Conc: 364.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



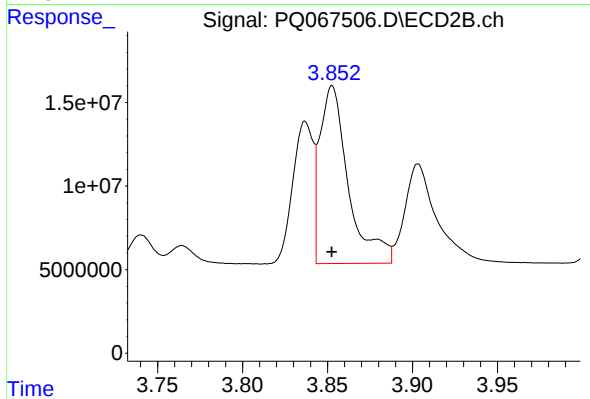
#3 AR-1016-1

R.T.: 3.837 min
Delta R.T.: 0.000 min
Response: 71418155
Conc: 396.94 ng/ml



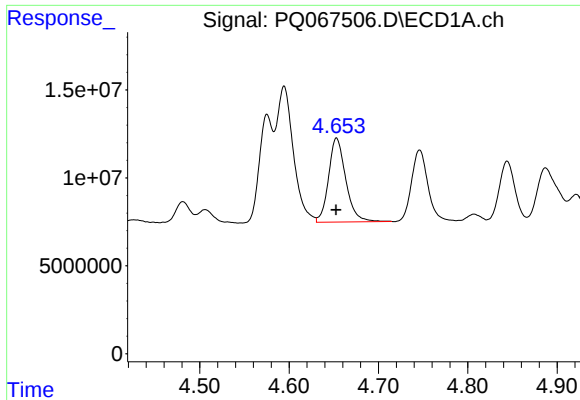
#4 AR-1016-2

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 103128946
Conc: 335.13 ng/ml



#4 AR-1016-2

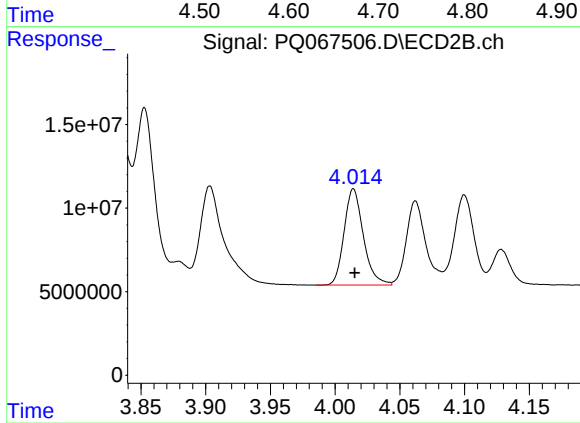
R.T.: 3.853 min
Delta R.T.: 0.000 min
Response: 124859299
Conc: 461.94 ng/ml



#5 AR-1016-3

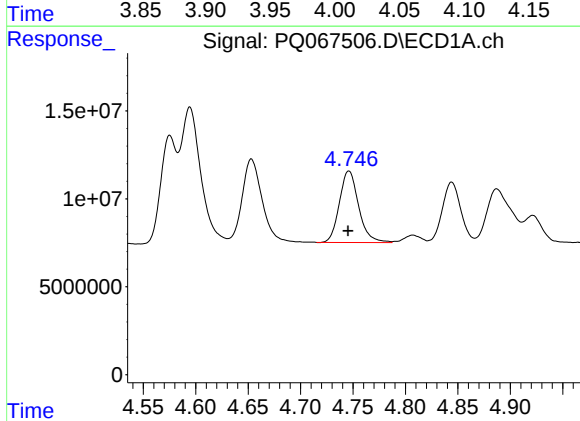
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 63966459
Conc: 341.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



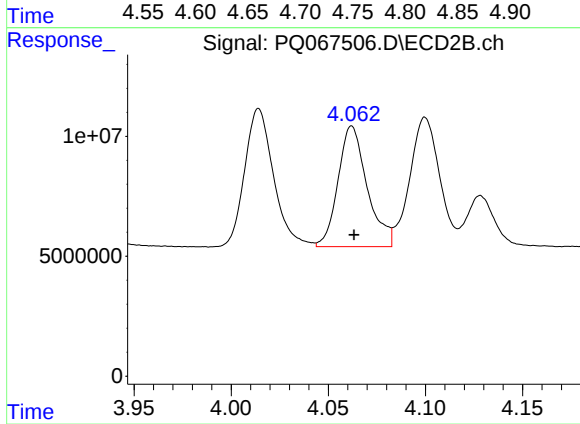
#5 AR-1016-3

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 59757497
Conc: 394.48 ng/ml



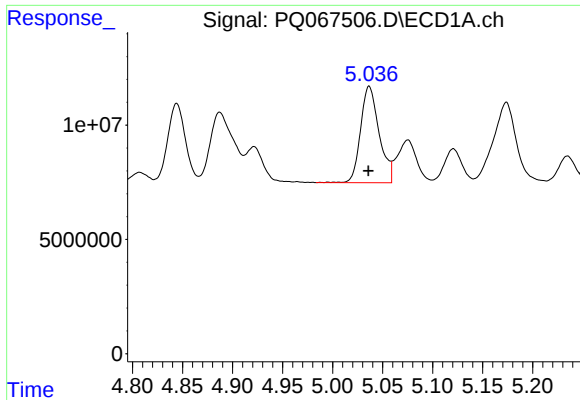
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 51976342
Conc: 345.57 ng/ml



#6 AR-1016-4

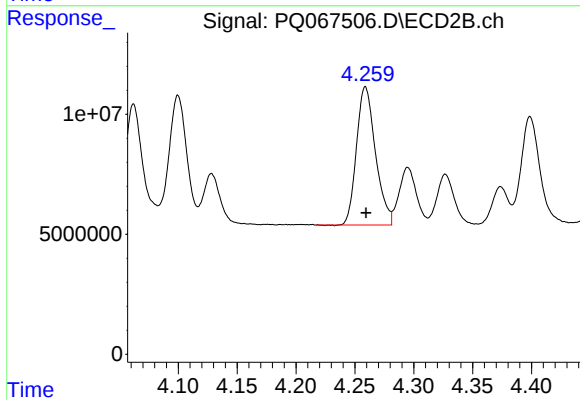
R.T.: 4.062 min
Delta R.T.: -0.001 min
Response: 52566885
Conc: 389.08 ng/ml



#7 AR-1016-5

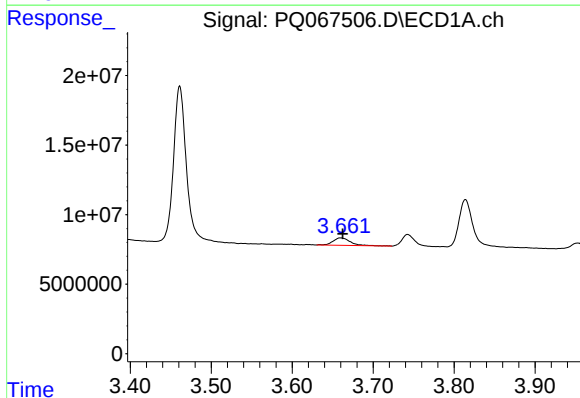
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 54464431
Conc: 332.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



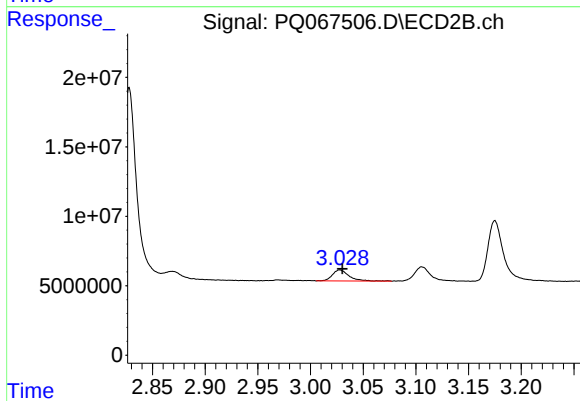
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 64529025
Conc: 387.77 ng/ml



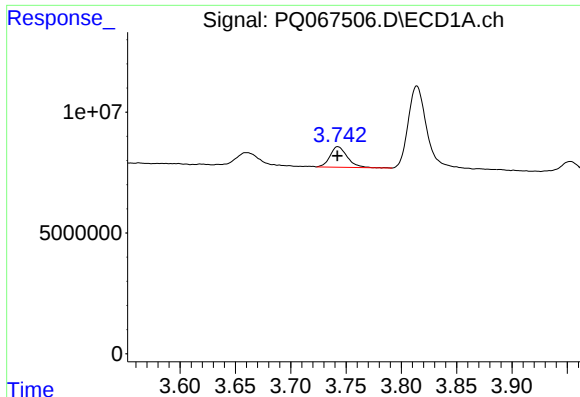
#8 AR-1221-1

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 8090055
Conc: 99.49 ng/ml



#8 AR-1221-1

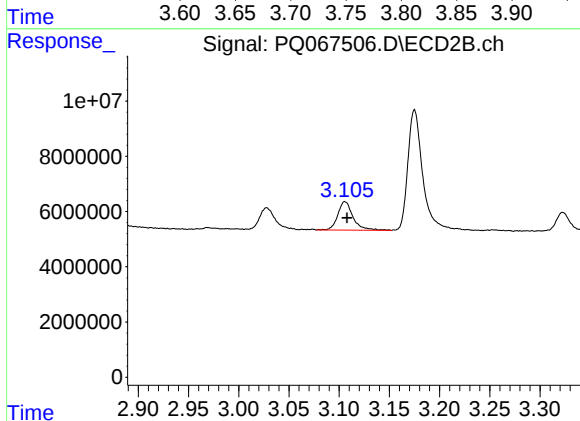
R.T.: 3.028 min
Delta R.T.: -0.002 min
Response: 8642226
Conc: 110.55 ng/ml



#9 AR-1221-2

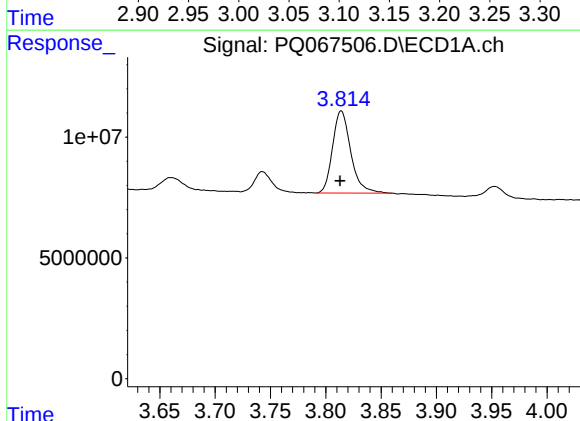
R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 9229008
Conc: 171.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



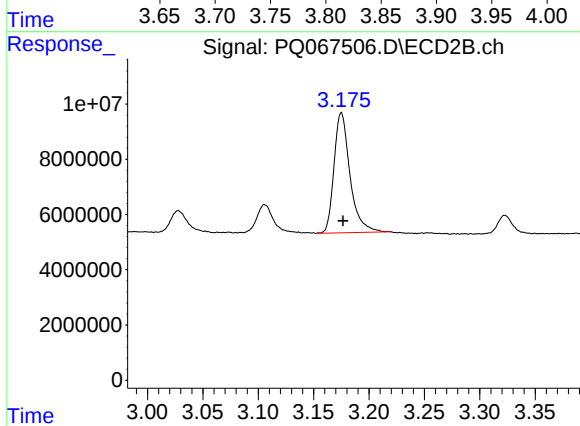
#9 AR-1221-2

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 10905233
Conc: 209.66 ng/ml



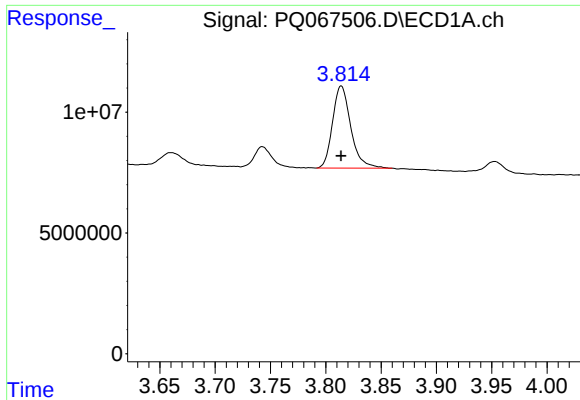
#10 AR-1221-3

R.T.: 3.814 min
Delta R.T.: 0.001 min
Response: 39009576
Conc: 221.80 ng/ml



#10 AR-1221-3

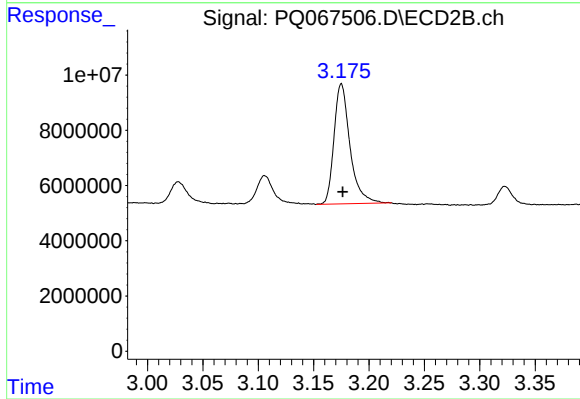
R.T.: 3.175 min
Delta R.T.: -0.001 min
Response: 43685876
Conc: 261.27 ng/ml



#11 AR-1232-1

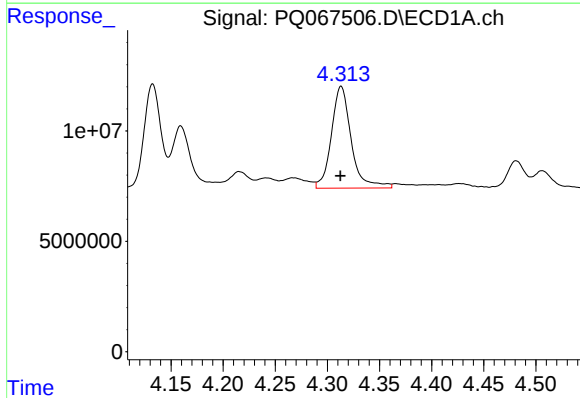
R.T.: 3.814 min
Delta R.T.: 0.000 min
Response: 39009576
Conc: 329.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



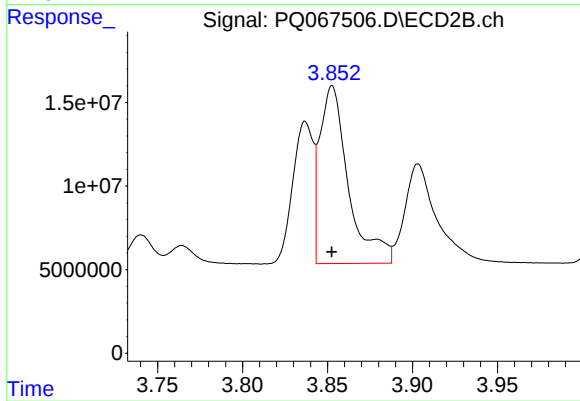
#11 AR-1232-1

R.T.: 3.175 min
Delta R.T.: -0.001 min
Response: 43685876
Conc: 328.29 ng/ml



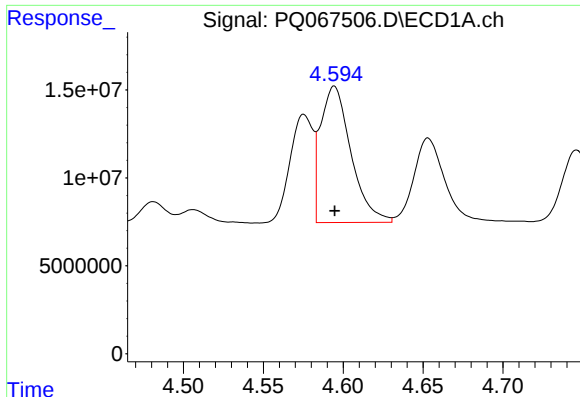
#12 AR-1232-2

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 61140339
Conc: 915.76 ng/ml



#12 AR-1232-2

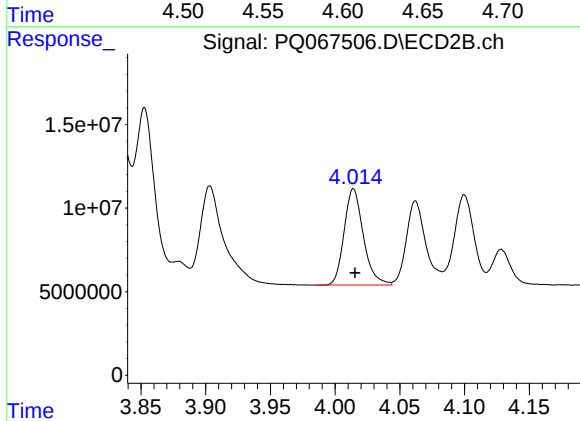
R.T.: 3.853 min
Delta R.T.: 0.000 min
Response: 124859299
Conc: 993.91 ng/ml



#13 AR-1232-3

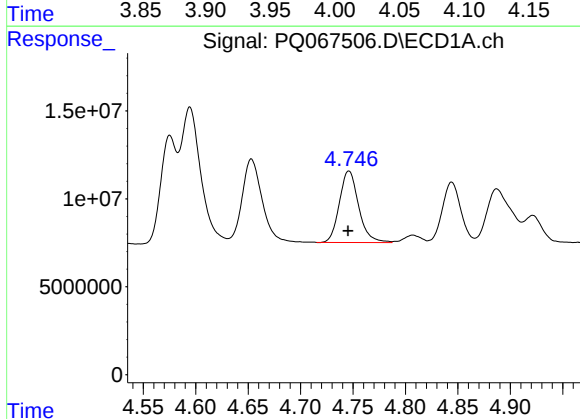
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 103128946
Conc: 865.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



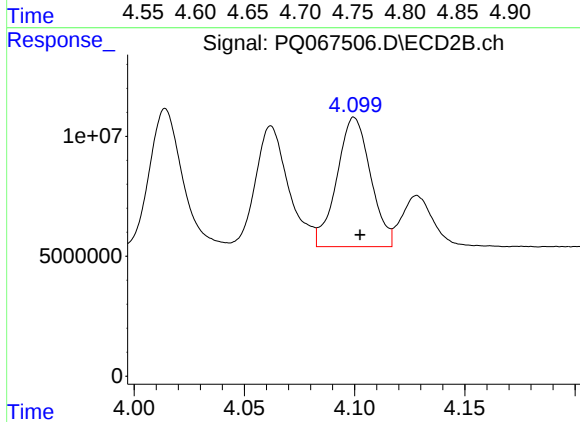
#13 AR-1232-3

R.T.: 4.014 min
Delta R.T.: -0.001 min
Response: 59757497
Conc: 866.36 ng/ml



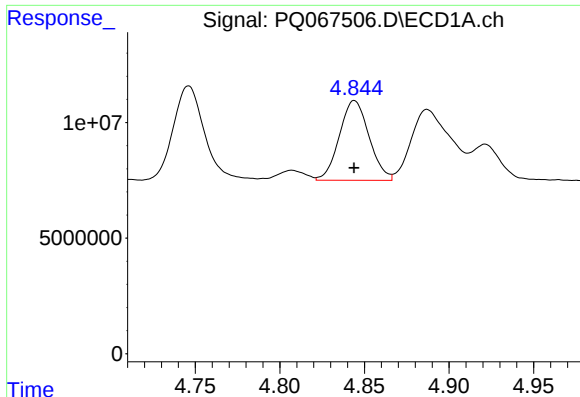
#14 AR-1232-4

R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 51976342
Conc: 917.69 ng/ml



#14 AR-1232-4

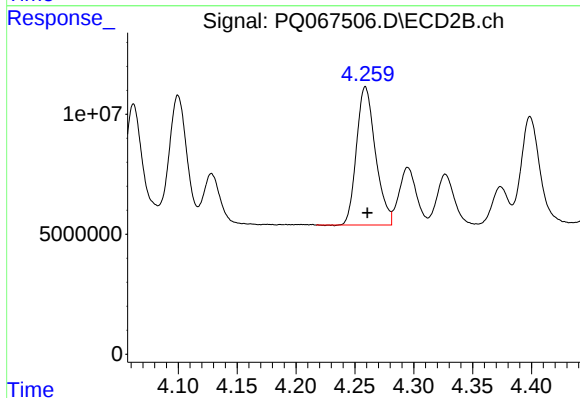
R.T.: 4.100 min
Delta R.T.: -0.003 min
Response: 57569634
Conc: 876.51 ng/ml



#15 AR-1232-5

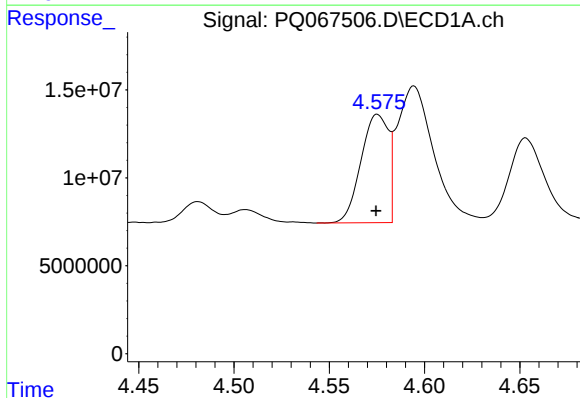
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 42113242
Conc: 990.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



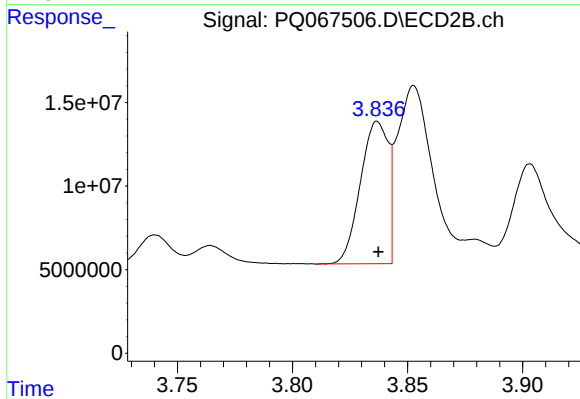
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.002 min
Response: 64529025
Conc: 918.09 ng/ml



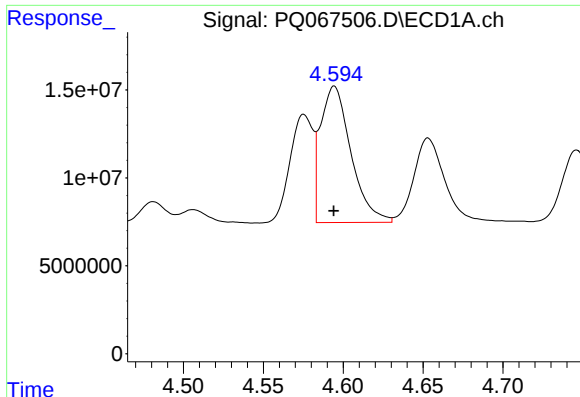
#16 AR-1242-1

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 61852426
Conc: 434.76 ng/ml



#16 AR-1242-1

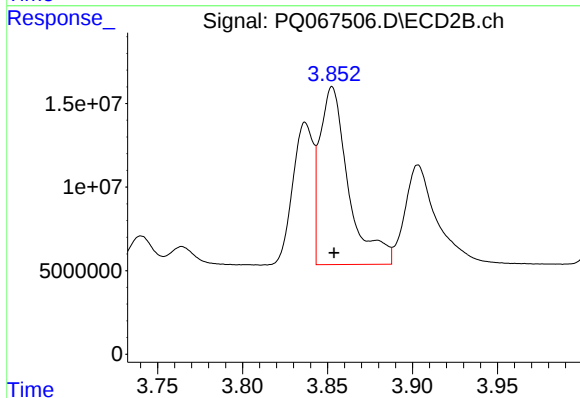
R.T.: 3.837 min
Delta R.T.: 0.000 min
Response: 71418155
Conc: 441.49 ng/ml



#17 AR-1242-2

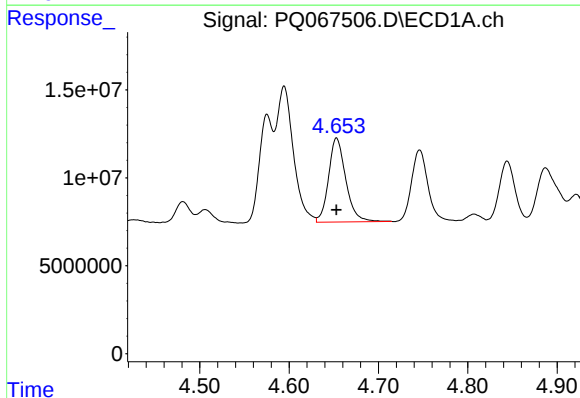
R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 103128946
Conc: 438.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



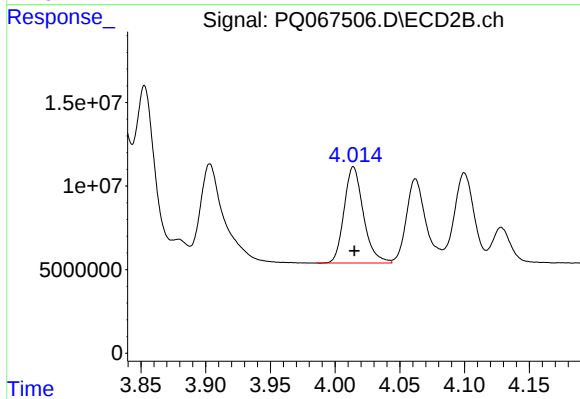
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.001 min
Response: 124859299
Conc: 482.66 ng/ml



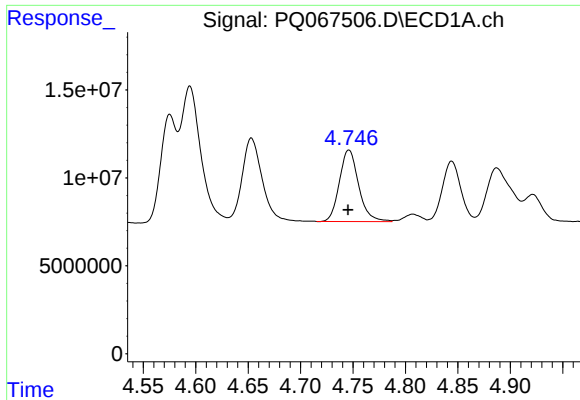
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 63966459
Conc: 444.06 ng/ml



#18 AR-1242-3

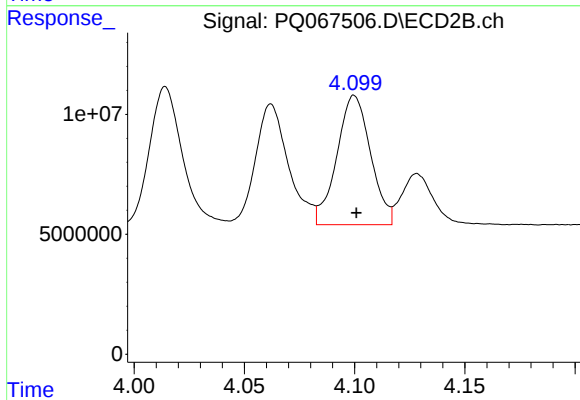
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 59757497
Conc: 451.87 ng/ml



#19 AR-1242-4

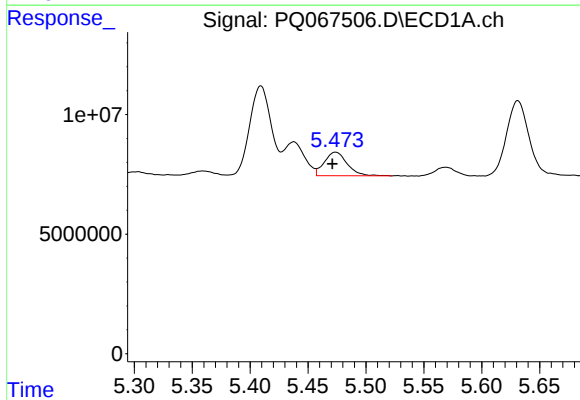
R.T.: 4.746 min
Delta R.T.: 0.000 min
Response: 51976342
Conc: 462.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



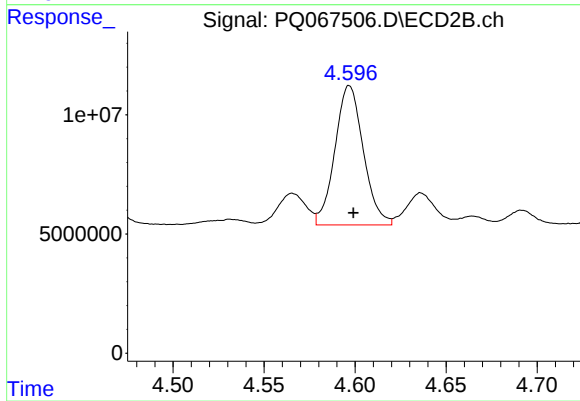
#19 AR-1242-4

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 57569634
Conc: 437.89 ng/ml



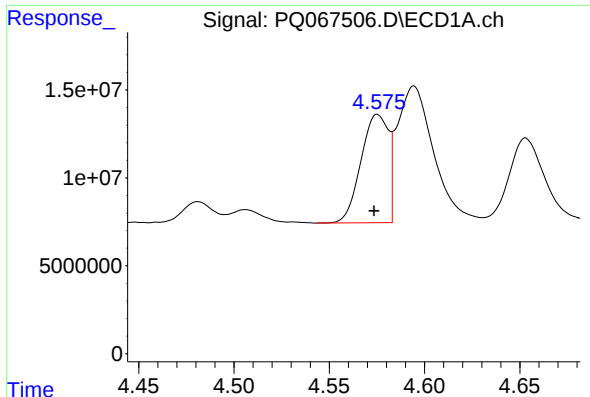
#20 AR-1242-5

R.T.: 5.474 min
Delta R.T.: 0.003 min
Response: 13537699
Conc: 107.92 ng/ml



#20 AR-1242-5

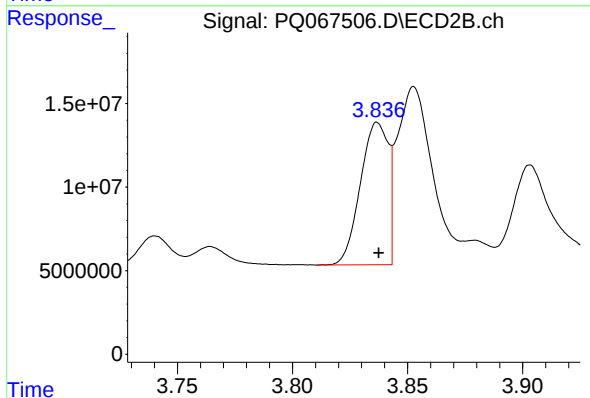
R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 63490323
Conc: 387.47 ng/ml



#21 AR-1248-1

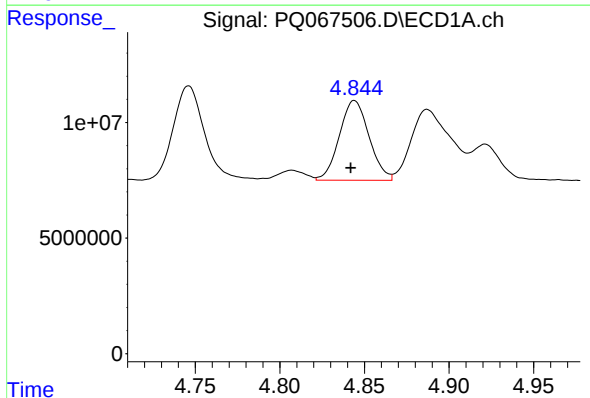
R.T.: 4.575 min
Delta R.T.: 0.002 min
Response: 61852426
Conc: 574.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



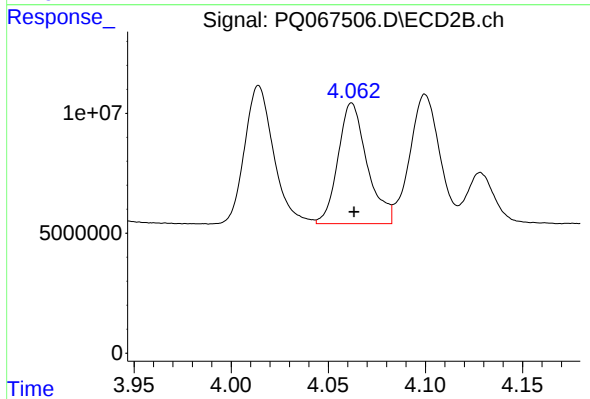
#21 AR-1248-1

R.T.: 3.837 min
Delta R.T.: 0.000 min
Response: 71418155
Conc: 571.98 ng/ml



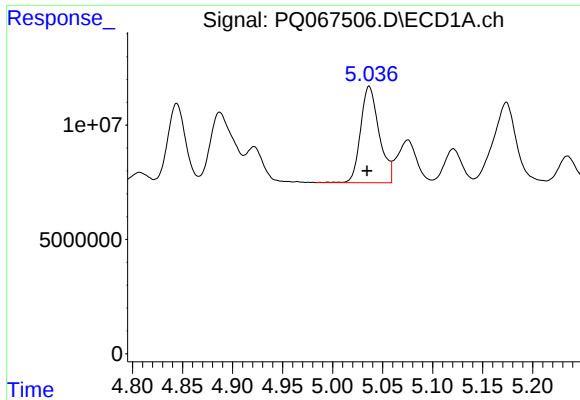
#22 AR-1248-2

R.T.: 4.844 min
Delta R.T.: 0.002 min
Response: 42113242
Conc: 261.14 ng/ml



#22 AR-1248-2

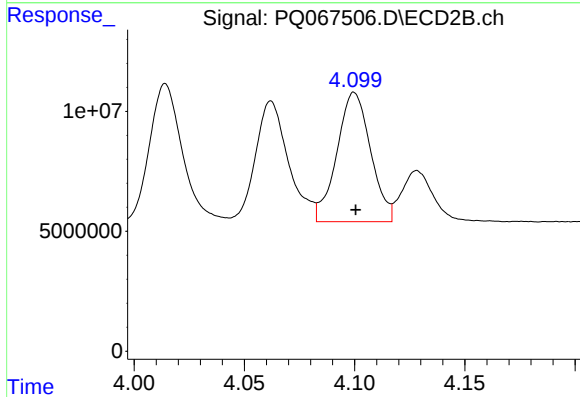
R.T.: 4.062 min
Delta R.T.: -0.001 min
Response: 52566885
Conc: 261.16 ng/ml



#23 AR-1248-3

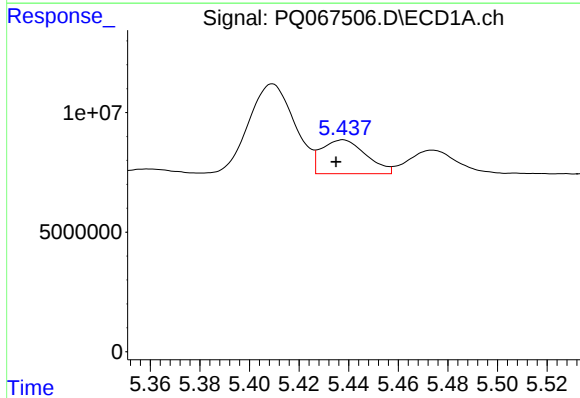
R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 54464431
Conc: 280.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



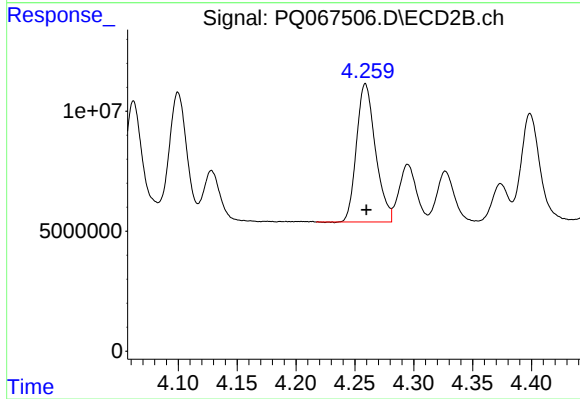
#23 AR-1248-3

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 57569634
Conc: 301.20 ng/ml



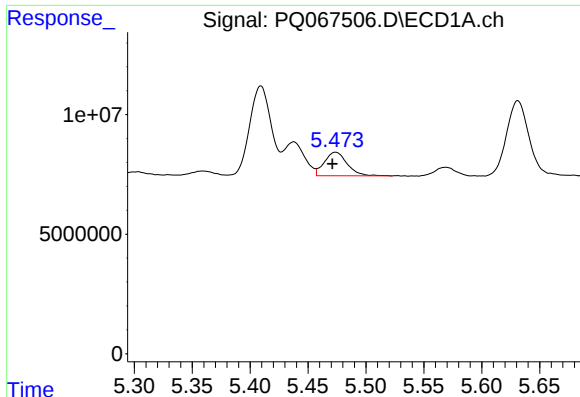
#24 AR-1248-4

R.T.: 5.438 min
Delta R.T.: 0.003 min
Response: 17559348
Conc: 85.67 ng/ml



#24 AR-1248-4

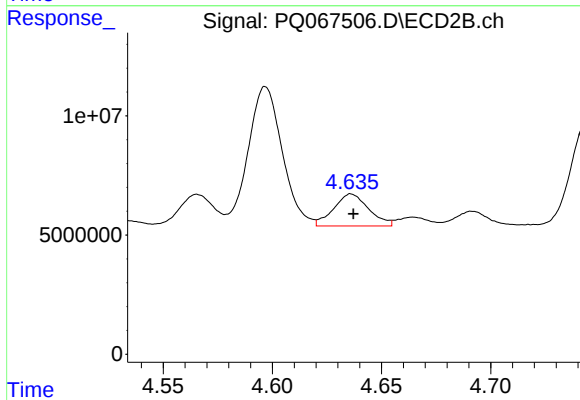
R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 64529025
Conc: 271.36 ng/ml



#25 AR-1248-5

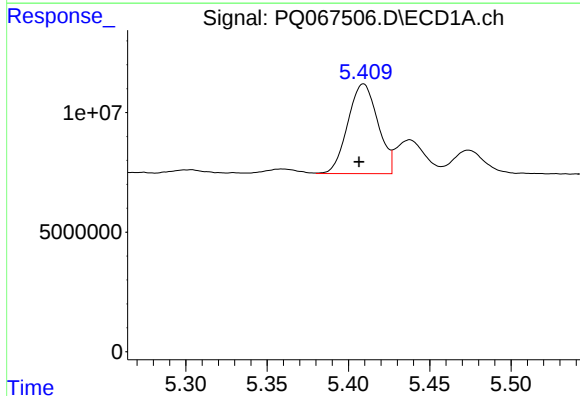
R.T.: 5.474 min
Delta R.T.: 0.003 min
Response: 13537699
Conc: 63.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



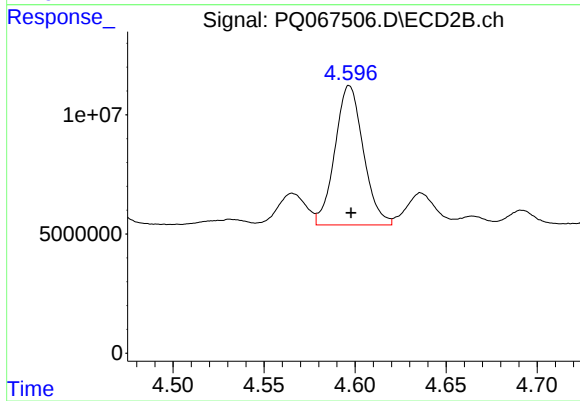
#25 AR-1248-5

R.T.: 4.636 min
Delta R.T.: -0.001 min
Response: 14963141
Conc: 69.29 ng/ml



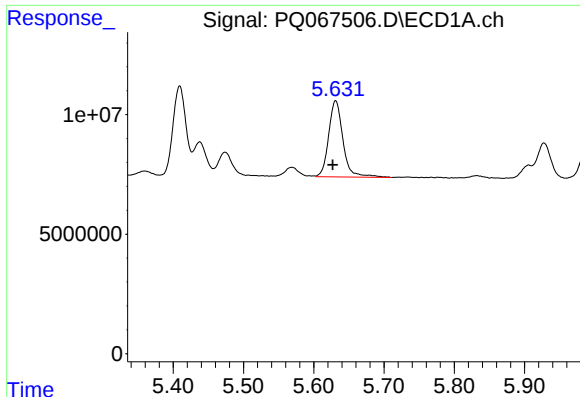
#26 AR-1254-1

R.T.: 5.409 min
Delta R.T.: 0.003 min
Response: 48131606
Conc: 217.34 ng/ml



#26 AR-1254-1

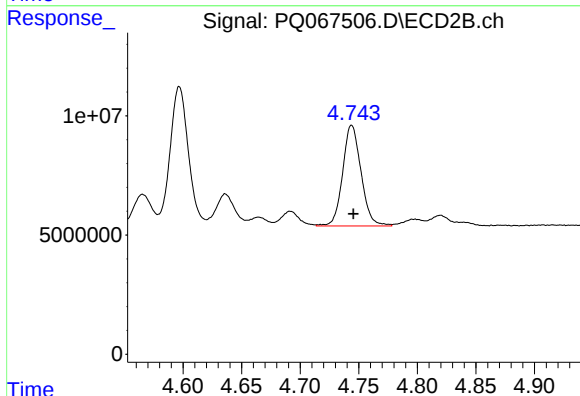
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 63490323
Conc: 181.80 ng/ml



#27 AR-1254-2

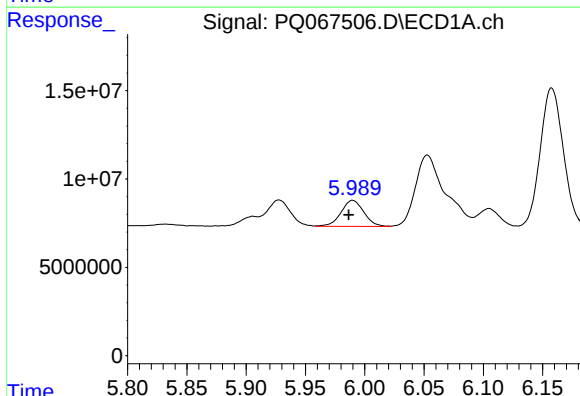
R.T.: 5.631 min
Delta R.T.: 0.004 min
Response: 45028477
Conc: 132.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



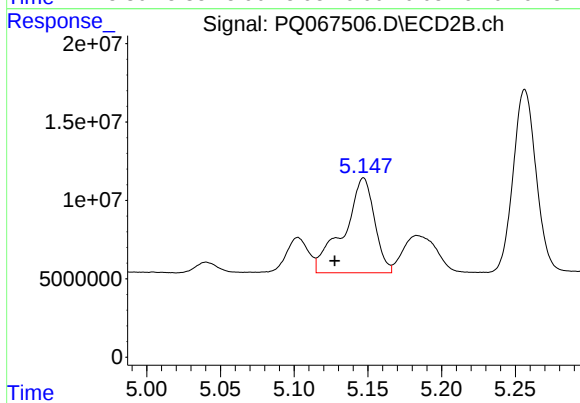
#27 AR-1254-2

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 46225058
Conc: 148.30 ng/ml



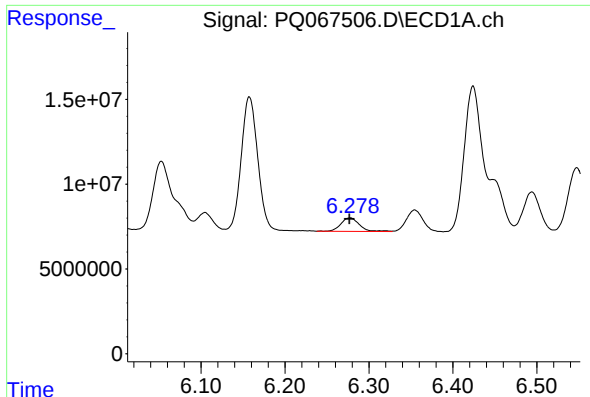
#28 AR-1254-3

R.T.: 5.990 min
Delta R.T.: 0.003 min
Response: 19894614
Conc: 57.77 ng/ml



#28 AR-1254-3

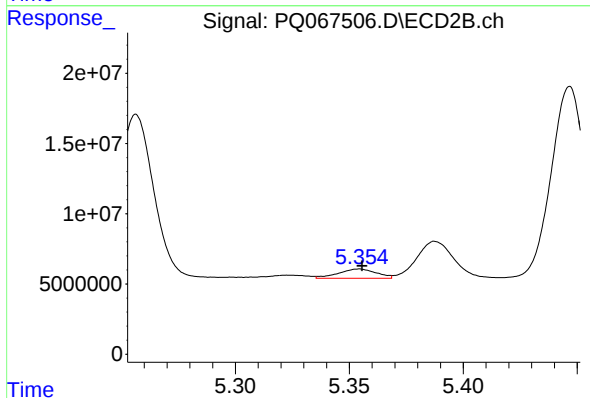
R.T.: 5.147 min
Delta R.T.: 0.019 min
Response: 87084988
Conc: 181.90 ng/ml



#29 AR-1254-4

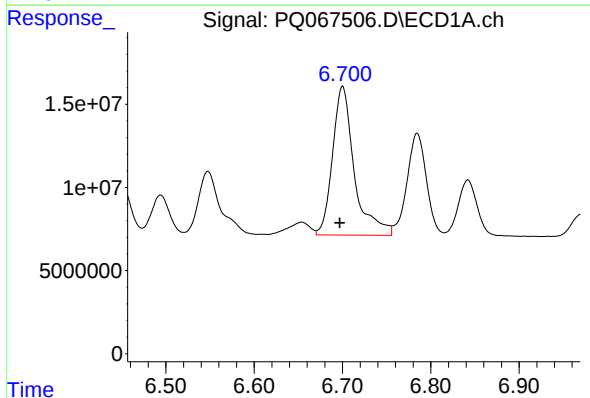
R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 12262225
Conc: 54.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



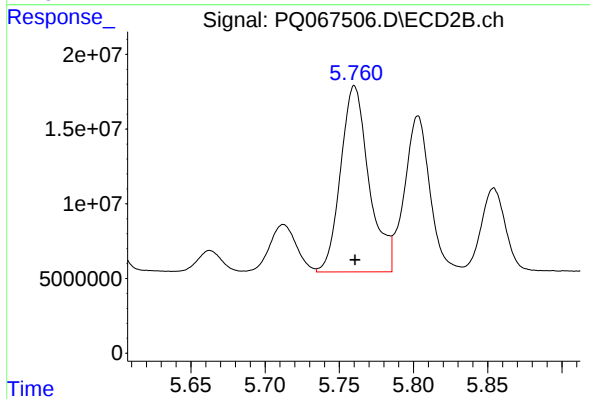
#29 AR-1254-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 7727961
Conc: 28.75 ng/ml



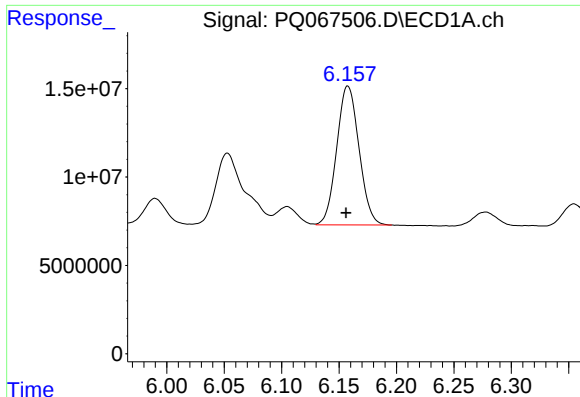
#30 AR-1254-5

R.T.: 6.700 min
Delta R.T.: 0.003 min
Response: 153382061
Conc: 482.32 ng/ml



#30 AR-1254-5

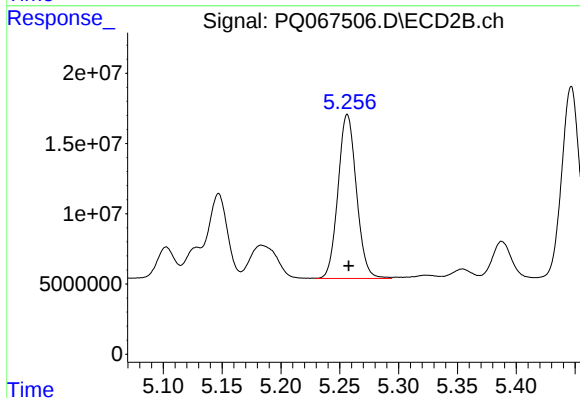
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 166048039
Conc: 387.92 ng/ml



#31 AR-1260-1

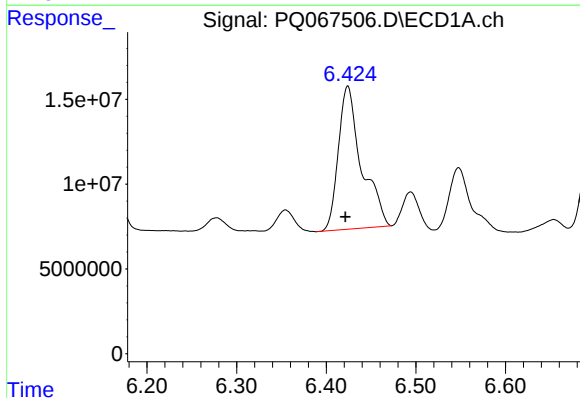
R.T.: 6.158 min
Delta R.T.: 0.001 min
Response: 106400546
Conc: 367.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



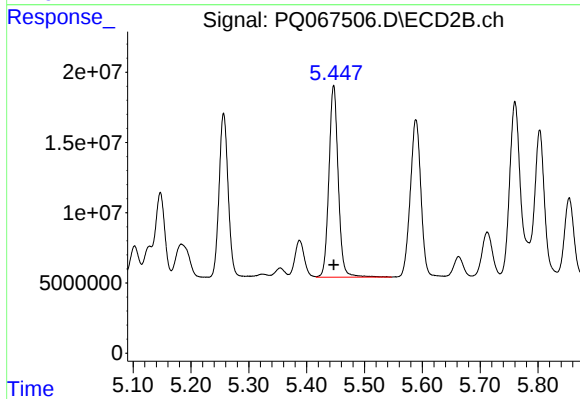
#31 AR-1260-1

R.T.: 5.256 min
Delta R.T.: -0.001 min
Response: 127258771
Conc: 382.85 ng/ml



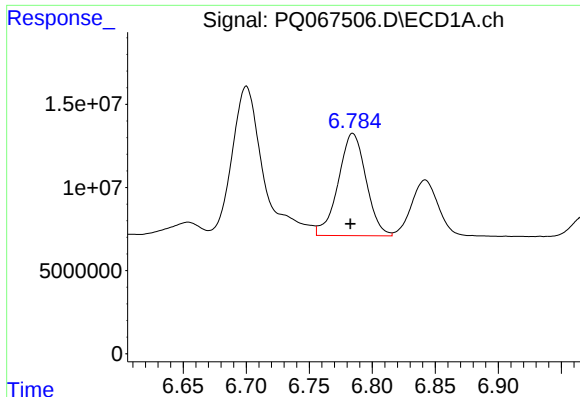
#32 AR-1260-2

R.T.: 6.424 min
Delta R.T.: 0.003 min
Response: 151313589
Conc: 426.29 ng/ml



#32 AR-1260-2

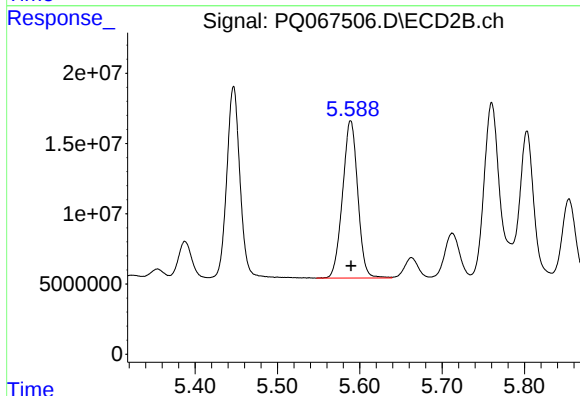
R.T.: 5.447 min
Delta R.T.: 0.000 min
Response: 152922385
Conc: 387.11 ng/ml



#33 AR-1260-3

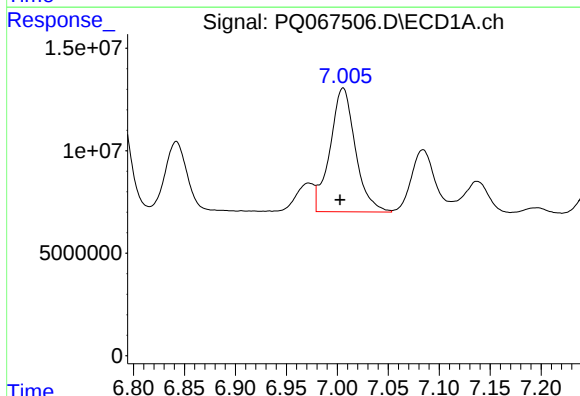
R.T.: 6.785 min
Delta R.T.: 0.002 min
Response: 94432949
Conc: 367.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



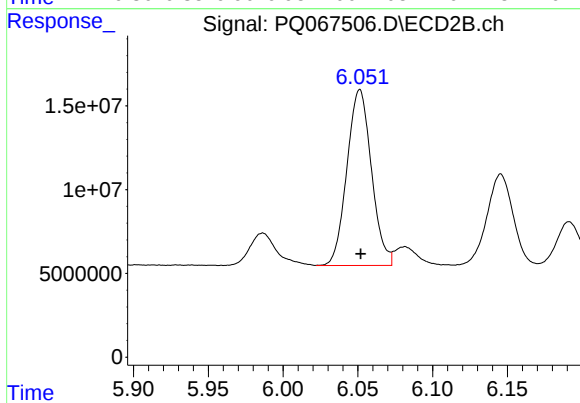
#33 AR-1260-3

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 143438916
Conc: 383.33 ng/ml



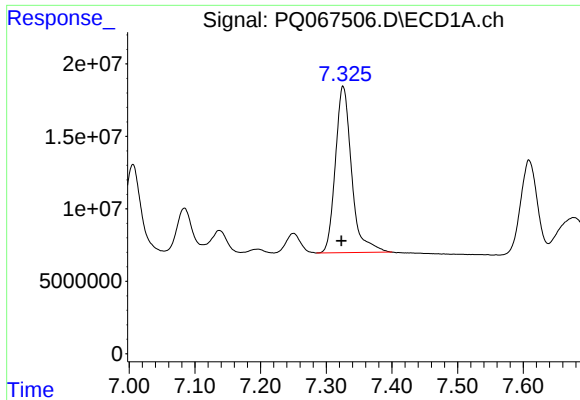
#34 AR-1260-4

R.T.: 7.006 min
Delta R.T.: 0.003 min
Response: 104668799
Conc: 374.53 ng/ml



#34 AR-1260-4

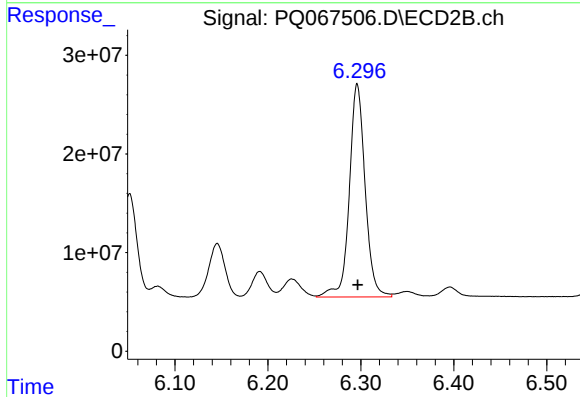
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 119770404
Conc: 385.11 ng/ml



#35 AR-1260-5

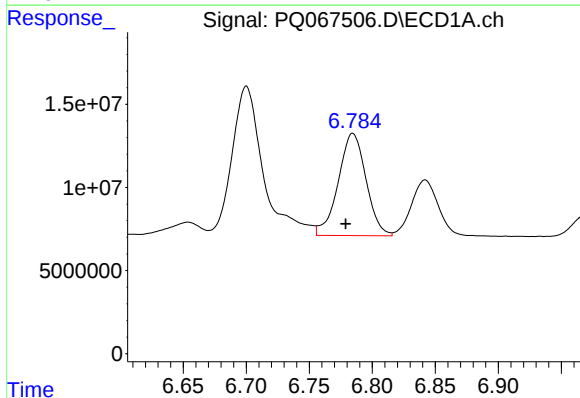
R.T.: 7.326 min
Delta R.T.: 0.003 min
Response: 197168491
Conc: 368.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



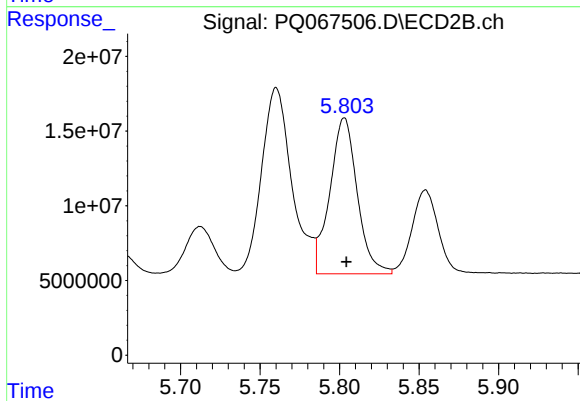
#35 AR-1260-5

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 255490057
Conc: 384.52 ng/ml



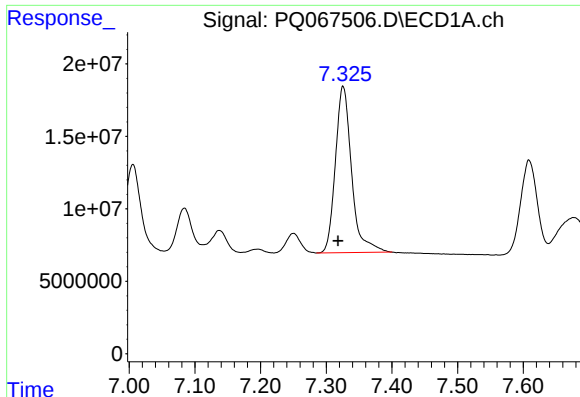
#36 AR-1262-1

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 94432949
Conc: 306.74 ng/ml



#36 AR-1262-1

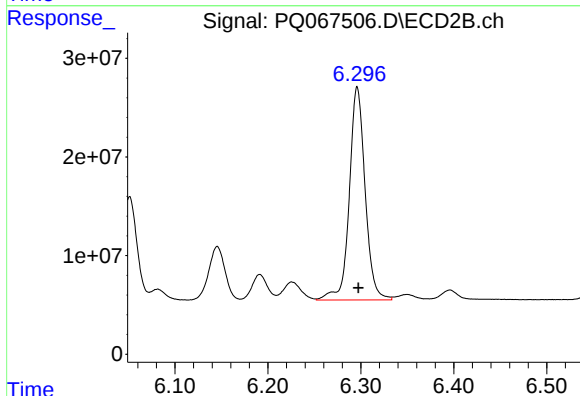
R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 125177095
Conc: 299.98 ng/ml



#37 AR-1262-2

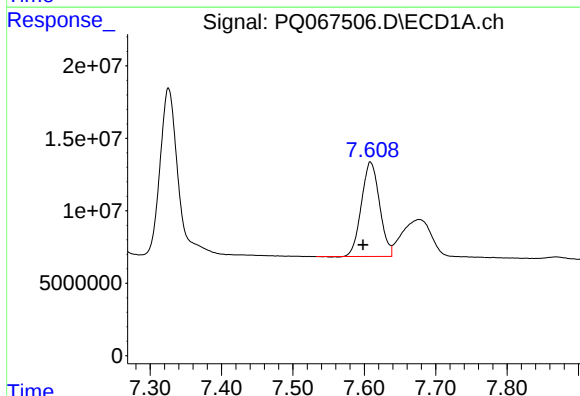
R.T.: 7.326 min
Delta R.T.: 0.007 min
Response: 197168491
Conc: 384.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



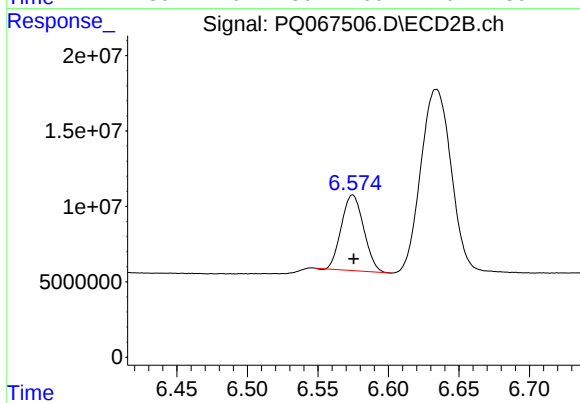
#37 AR-1262-2

R.T.: 6.296 min
Delta R.T.: -0.001 min
Response: 255490057
Conc: 371.36 ng/ml



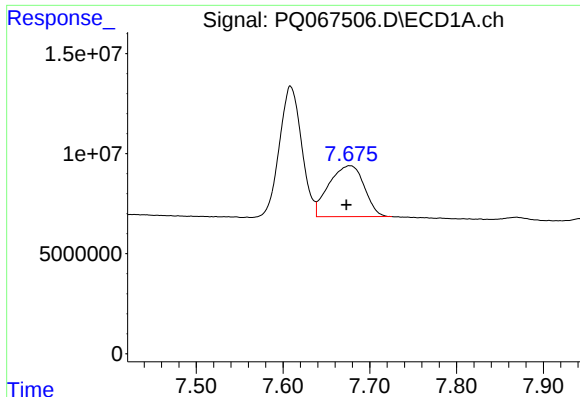
#38 AR-1262-3

R.T.: 7.609 min
Delta R.T.: 0.010 min
Response: 115040900
Conc: 368.07 ng/ml



#38 AR-1262-3

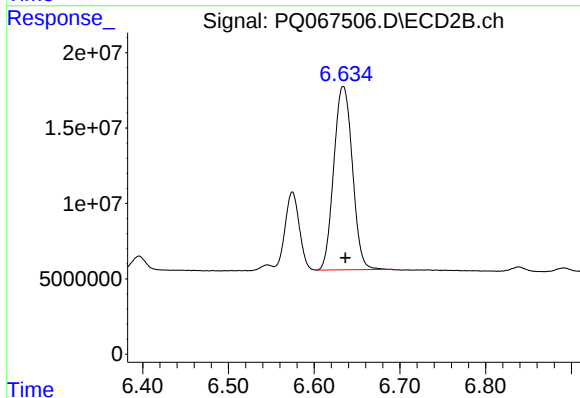
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 55336378
Conc: 189.22 ng/ml



#39 AR-1262-4

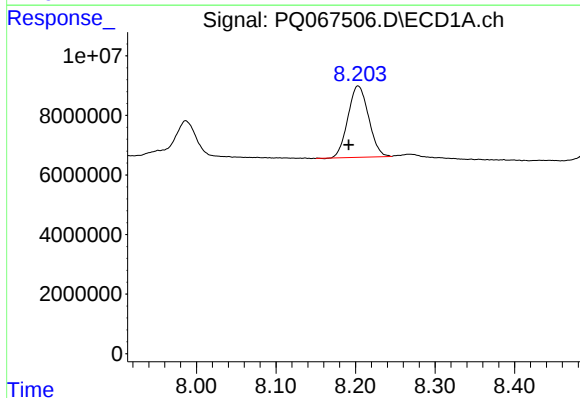
R.T.: 7.677 min
Delta R.T.: 0.004 min
Response: 71771010
Conc: 300.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



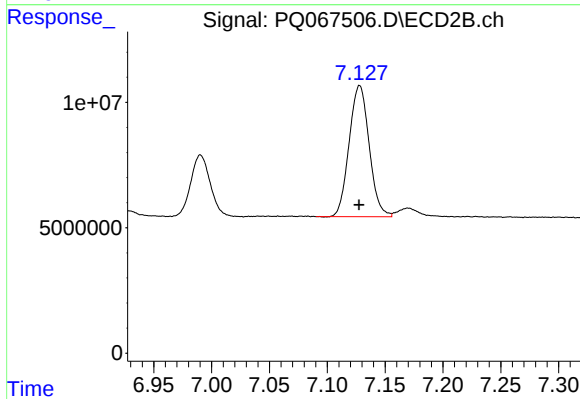
#39 AR-1262-4

R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 183235993
Conc: 356.01 ng/ml



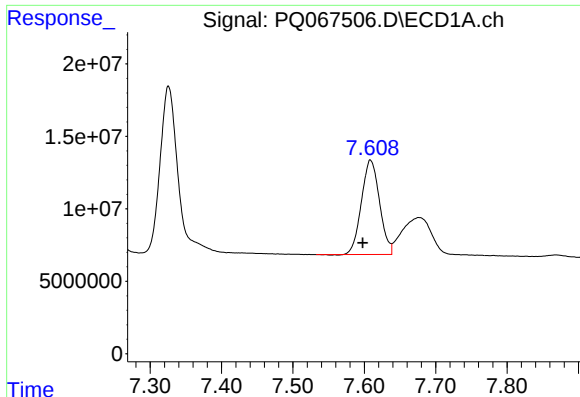
#40 AR-1262-5

R.T.: 8.203 min
Delta R.T.: 0.012 min
Response: 43140041
Conc: 287.32 ng/ml



#40 AR-1262-5

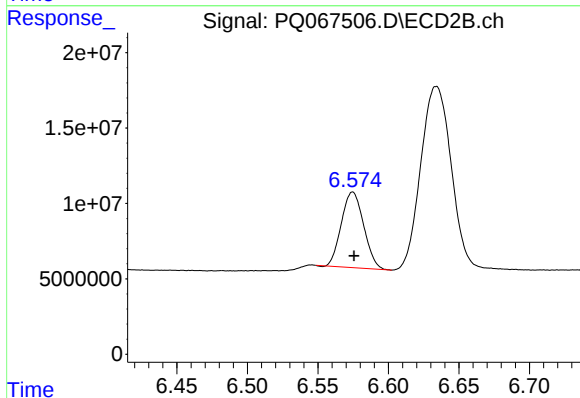
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 63063247
Conc: 269.46 ng/ml



#41 AR-1268-1

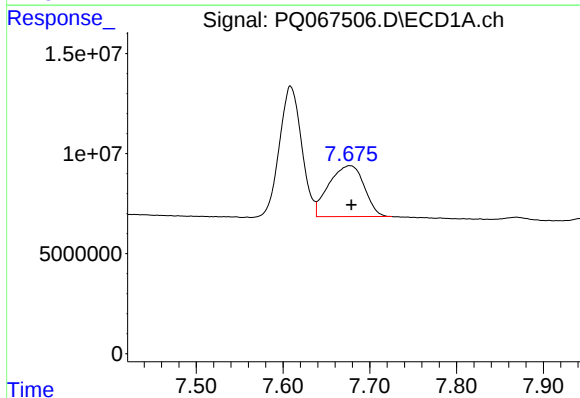
R.T.: 7.609 min
Delta R.T.: 0.011 min
Response: 115040900
Conc: 186.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



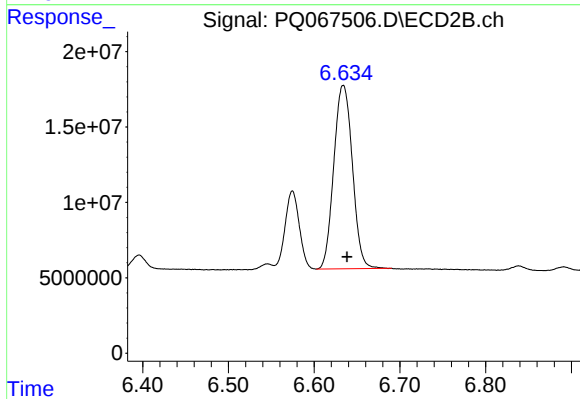
#41 AR-1268-1

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 55336378
Conc: 64.10 ng/ml



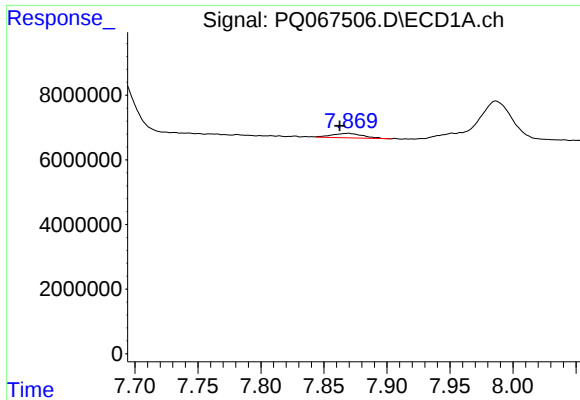
#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 71771010
Conc: 131.52 ng/ml



#42 AR-1268-2

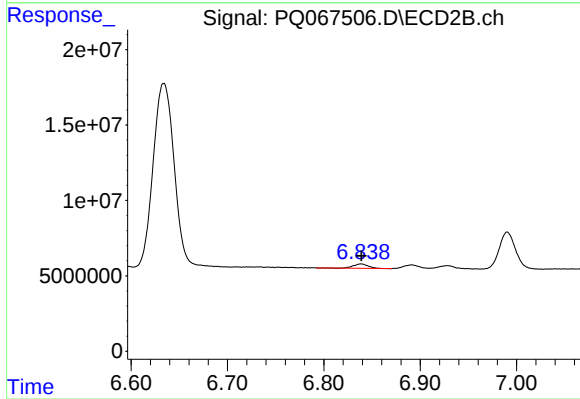
R.T.: 6.634 min
Delta R.T.: -0.004 min
Response: 183235993
Conc: 227.92 ng/ml



#43 AR-1268-3

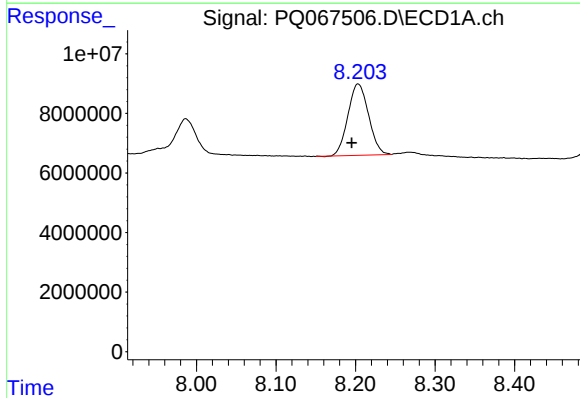
R.T.: 7.869 min
Delta R.T.: 0.006 min
Response: 2355480
Conc: 4.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



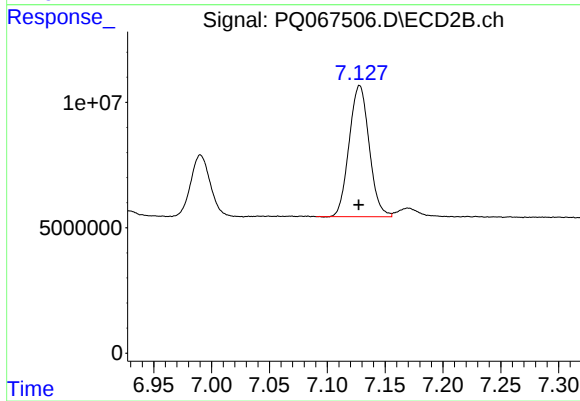
#43 AR-1268-3

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 3173394
Conc: 4.37 ng/ml



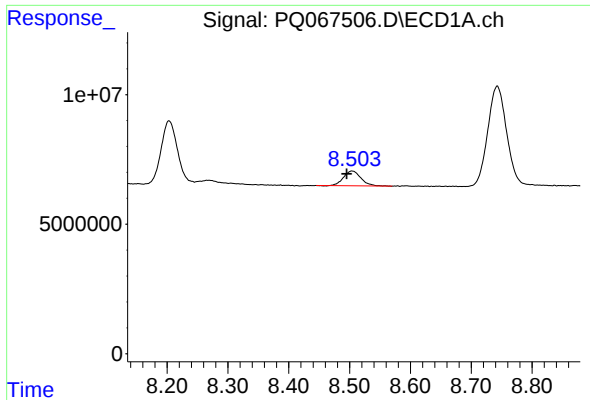
#44 AR-1268-4

R.T.: 8.203 min
Delta R.T.: 0.008 min
Response: 43140041
Conc: 245.44 ng/ml



#44 AR-1268-4

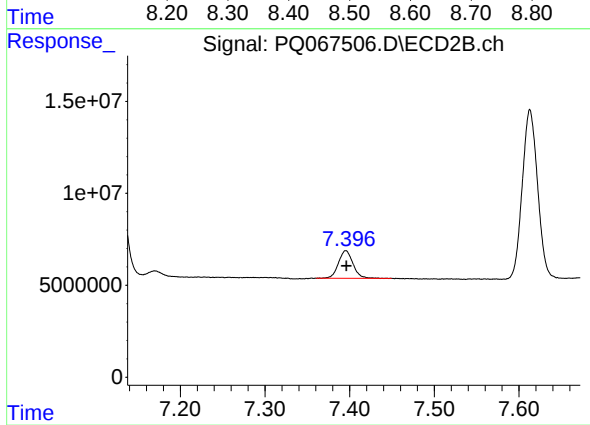
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 63063247
Conc: 219.66 ng/ml



#45 AR-1268-5

R.T.: 8.504 min
Delta R.T.: 0.009 min
Response: 11420645
Conc: 8.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 17970567
Conc: 8.85 ng/ml