

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 10:23
 Operator : YP\AJ
 Sample : PB154985BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:31:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
 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...	3.454	2.783	103.0E6	91237683	19.160	22.122
2)	SA Decachlor...	8.686	7.590	94952003	91863259	24.524	21.238
Target Compounds							
3)	L1 AR-1016-1	4.566	3.794	89616547	74807476	460.579	469.406
4)	L1 AR-1016-2	4.585	3.810	129.4E6	101.1E6	466.323	473.360
5)	L1 AR-1016-3	4.643	3.972	79500303	58114705	464.904	486.084
6)	L1 AR-1016-4	4.736	4.020	66442957	45856443	472.133	472.619
7)	L1 AR-1016-5	5.026	4.217	64738054	58895921	470.502	468.024
8)	L2 AR-1221-1	3.652	2.986	8364107	6997734	122.918	127.528
9)	L2 AR-1221-2	3.735	3.064	10141461	7762445	212.559	205.797
10)	L2 AR-1221-3	3.806	3.133	44149724	37534825	286.075	311.948
11)	L3 AR-1232-1	3.806	3.133	44149724	37534825	341.714	385.228
12)	L3 AR-1232-2	4.305	3.810	64355171	101.1E6	922.733	1039.798
13)	L3 AR-1232-3	4.585	3.972	129.4E6	58114705	1058.940	1094.497
14)	L3 AR-1232-4	4.736	4.057	66442957	52583264	1101.162	1145.650
15)	L3 AR-1232-5	4.833	4.217	52688146	58895921	1207.157	1086.186
16)	L4 AR-1242-1	4.566	3.794	89616547	74807476	530.974	517.993
17)	L4 AR-1242-2	4.585	3.810	129.4E6	101.1E6	536.545	532.399
18)	L4 AR-1242-3	4.643	3.972	79500303	58114705	542.733	538.452
19)	L4 AR-1242-4	4.736	4.057	66442957	52583264	536.964	527.790
20)	L4 AR-1242-5	5.458	4.556	10890806	51260952	82.408	379.134 #
21)	L5 AR-1248-1	4.566	3.794	89616547	74807476	673.048	669.668
22)	L5 AR-1248-2	4.833	4.020	52688146	45856443	301.501	290.385
23)	L5 AR-1248-3	5.026	4.057	64738054	52583264	306.130	344.809
24)	L5 AR-1248-4	5.422	4.217	13338701	58895921	55.984	309.715 #
25)	L5 AR-1248-5	5.458	4.595	10890806	8481948	46.866	43.855
26)	L6 AR-1254-1	5.395	4.556	54196759	51260952	247.468	191.050
27)	L6 AR-1254-2	5.614	4.704	67158087	52139497	198.314	222.140
28)	L6 AR-1254-3	5.969	5.089	52146303	45022949	145.450	119.055
29)	L6 AR-1254-4	6.255	5.316	42729644	26896147	157.709	110.094 #
30)	L6 AR-1254-5	6.670	5.724	200.0E6	214.6E6	723.512	621.846
31)	L7 AR-1260-1	6.136	5.219	137.3E6	122.4E6	536.997	490.393
32)	L7 AR-1260-2	6.397	5.409	165.1E6	157.0E6	543.997	509.900
33)	L7 AR-1260-3	6.752	5.552	93989201	153.0E6	445.864	493.744
34)	L7 AR-1260-4	6.971	6.017	142.6E6	107.3E6	595.145	437.380 #
35)	L7 AR-1260-5	7.284	6.264	214.7E6	240.3E6	457.574	439.680
36)	L8 AR-1262-1	6.752	5.819	93989201	56926631	291.037	398.689 #
37)	L8 AR-1262-2	7.284	6.017	214.7E6	107.3E6	395.580	343.209
38)	L8 AR-1262-3	7.563	6.545	139.7E6	50954758	386.737	202.130 #
39)	L8 AR-1262-4	7.633	6.602	36044586	187.7E6	128.598	401.466 #
40)	L8 AR-1262-5	8.144	7.102	52973807	56229557	281.841	255.902
41)	L9 AR-1268-1	7.563	6.545	139.7E6	50954758	216.007	68.278 #

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 Sample : PB154985BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

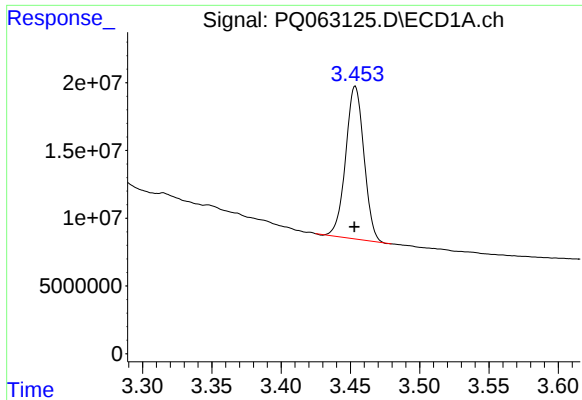
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:31:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
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 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	7.633	6.602	36044586	187.7E6	60.106	273.345 #
43) L9	AR-1268-3	7.818	6.810	4362007	5835119	8.859	9.942
44) L9	AR-1268-4	8.144	7.102	52973807	56229557	246.921	220.822
45) L9	AR-1268-5	8.445	7.371	17895823	18591479	11.612	10.495

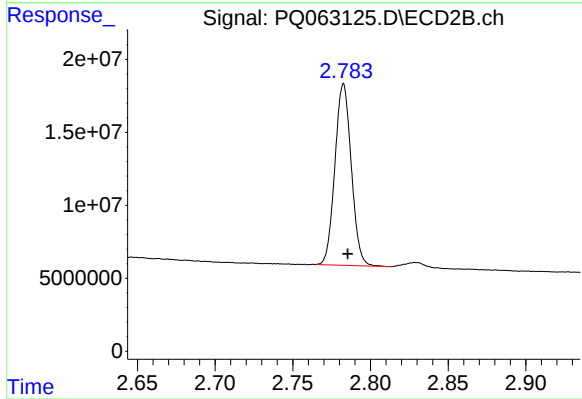
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

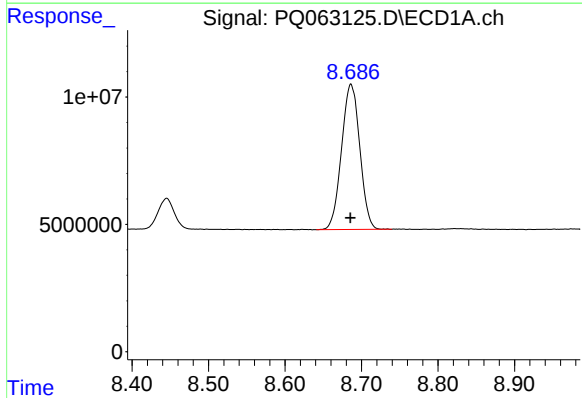
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 102954162
Conc: 19.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



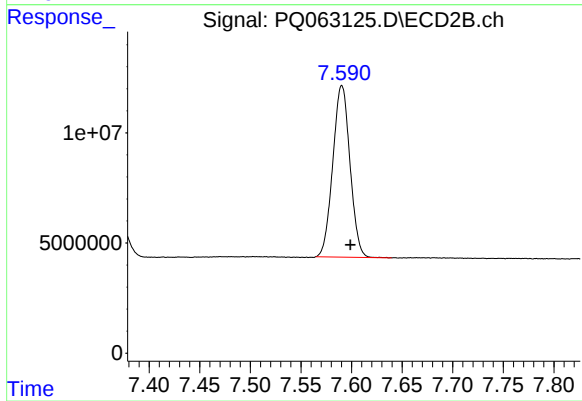
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.003 min
Response: 91237683
Conc: 22.12 ng/ml



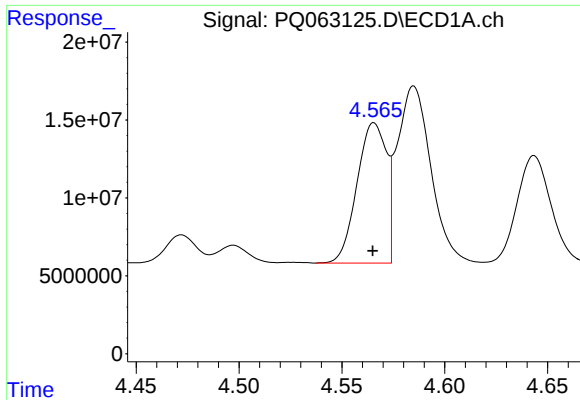
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 94952003
Conc: 24.52 ng/ml



#2 Decachlorobiphenyl

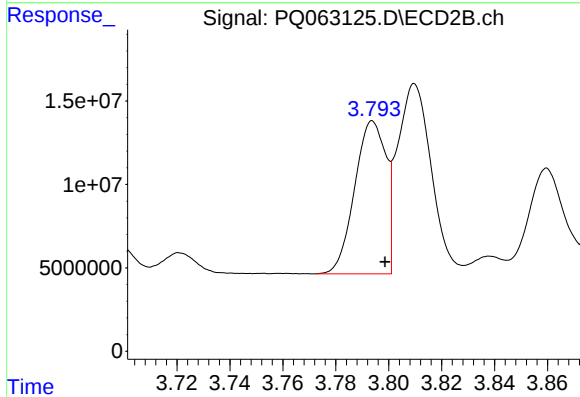
R.T.: 7.590 min
Delta R.T.: -0.009 min
Response: 91863259
Conc: 21.24 ng/ml



#3 AR-1016-1

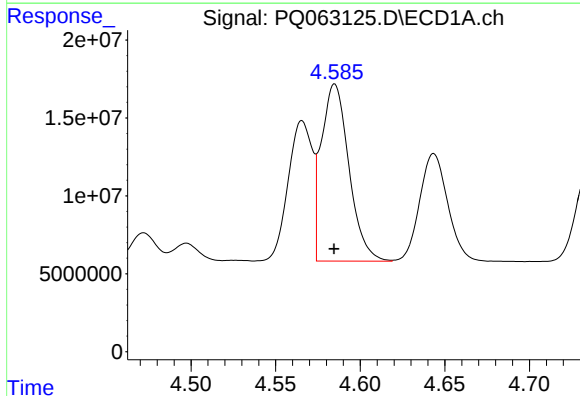
R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 89616547
Conc: 460.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



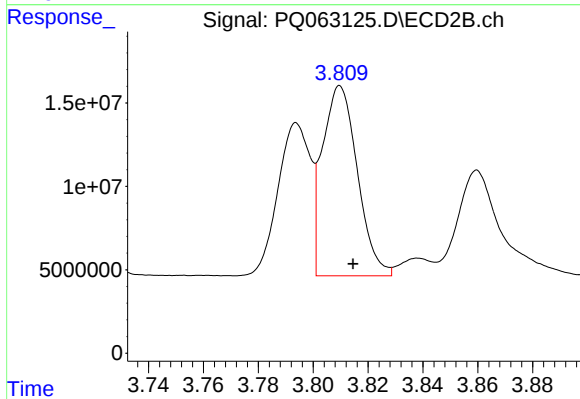
#3 AR-1016-1

R.T.: 3.794 min
Delta R.T.: -0.005 min
Response: 74807476
Conc: 469.41 ng/ml



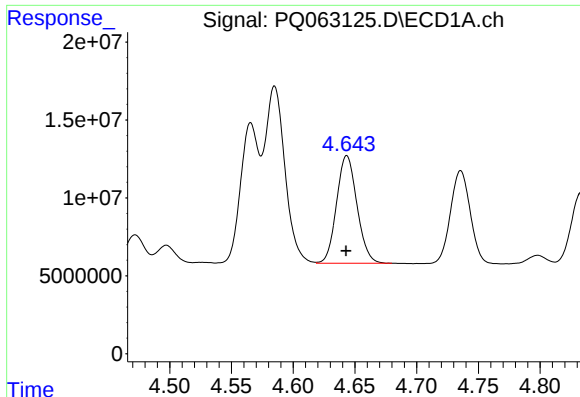
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 129393681
Conc: 466.32 ng/ml



#4 AR-1016-2

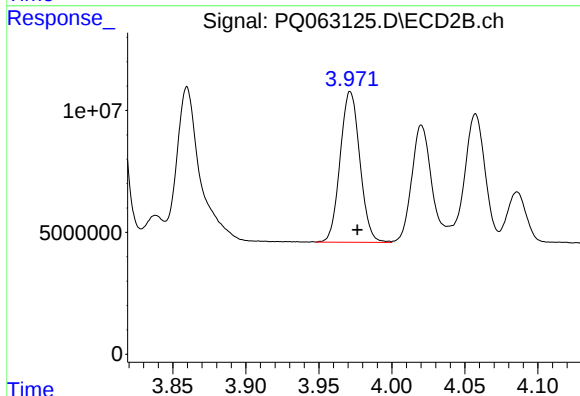
R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 101144142
Conc: 473.36 ng/ml



#5 AR-1016-3

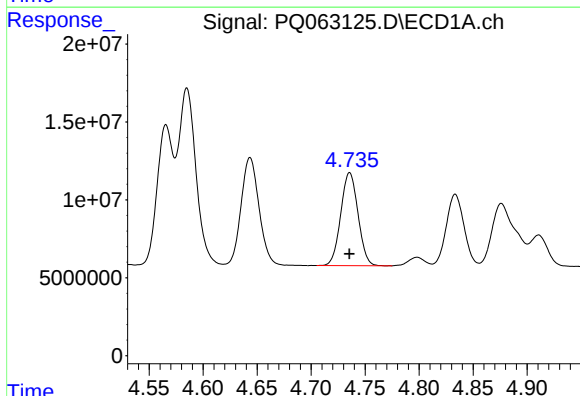
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 79500303
Conc: 464.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



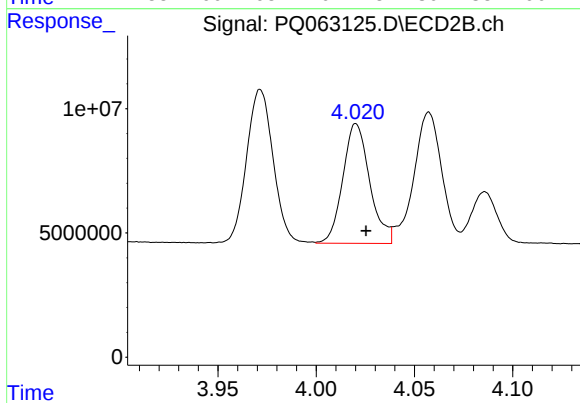
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.005 min
Response: 58114705
Conc: 486.08 ng/ml



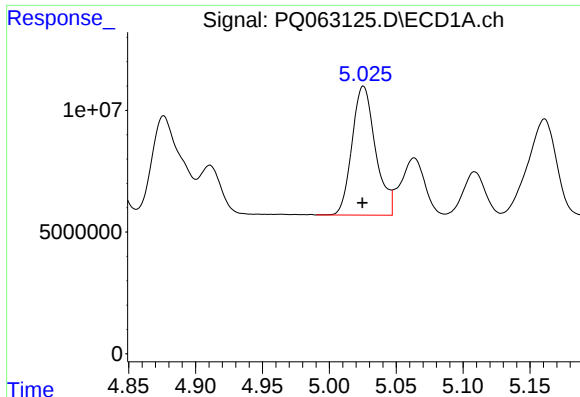
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 66442957
Conc: 472.13 ng/ml



#6 AR-1016-4

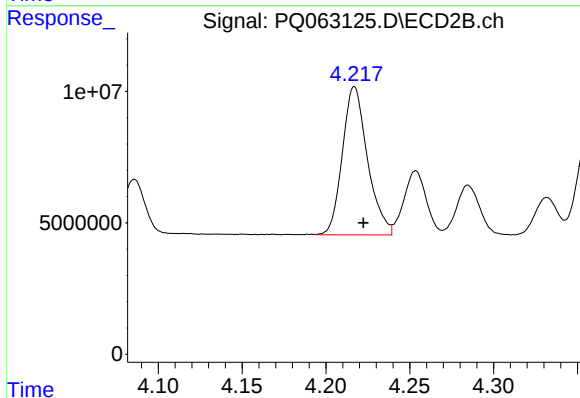
R.T.: 4.020 min
Delta R.T.: -0.005 min
Response: 45856443
Conc: 472.62 ng/ml



#7 AR-1016-5

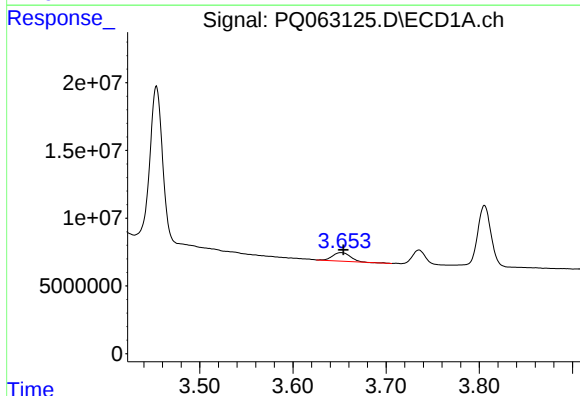
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64738054
Conc: 470.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



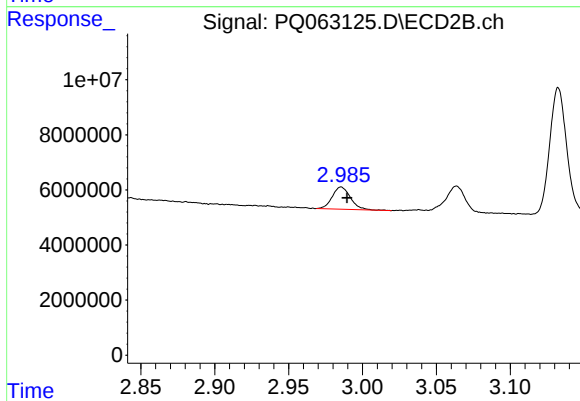
#7 AR-1016-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 58895921
Conc: 468.02 ng/ml



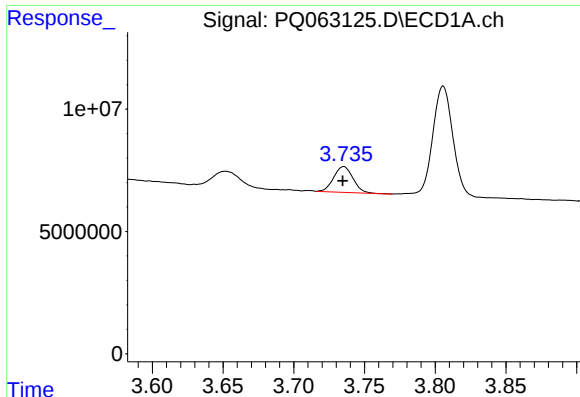
#8 AR-1221-1

R.T.: 3.652 min
Delta R.T.: -0.002 min
Response: 8364107
Conc: 122.92 ng/ml



#8 AR-1221-1

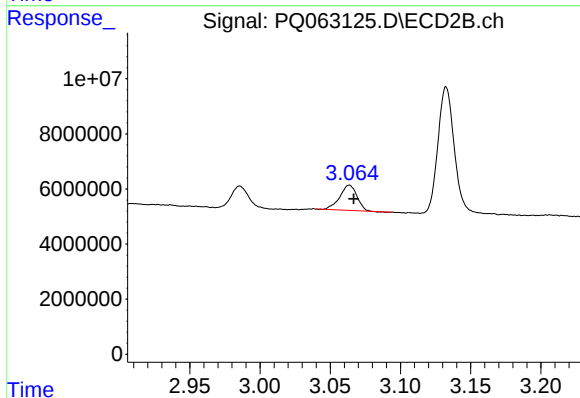
R.T.: 2.986 min
Delta R.T.: -0.004 min
Response: 6997734
Conc: 127.53 ng/ml



#9 AR-1221-2

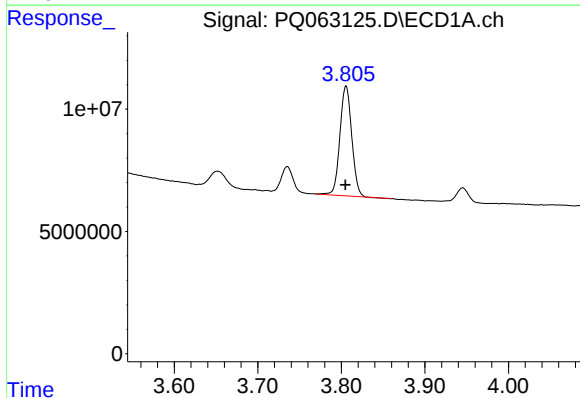
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 10141461
Conc: 212.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



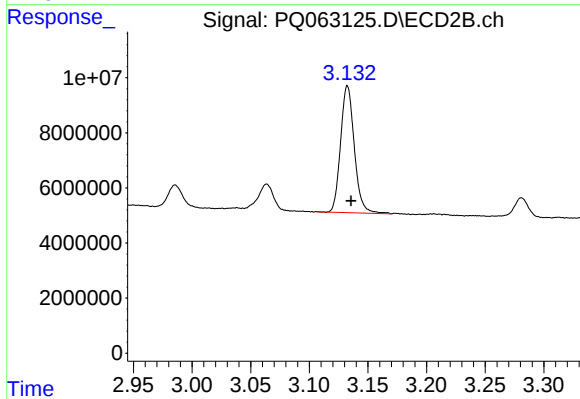
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 7762445
Conc: 205.80 ng/ml



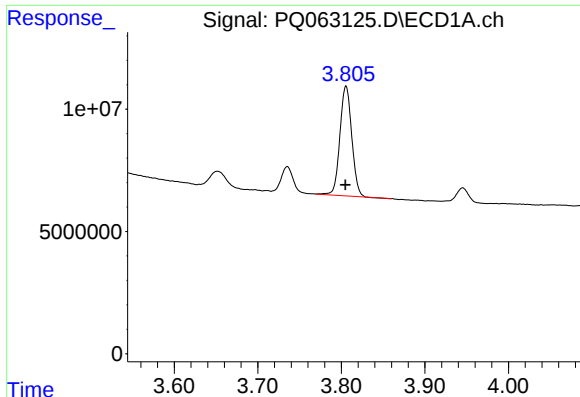
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 44149724
Conc: 286.07 ng/ml



#10 AR-1221-3

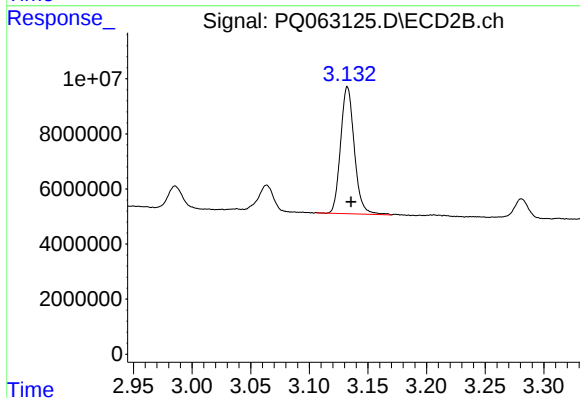
R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 37534825
Conc: 311.95 ng/ml



#11 AR-1232-1

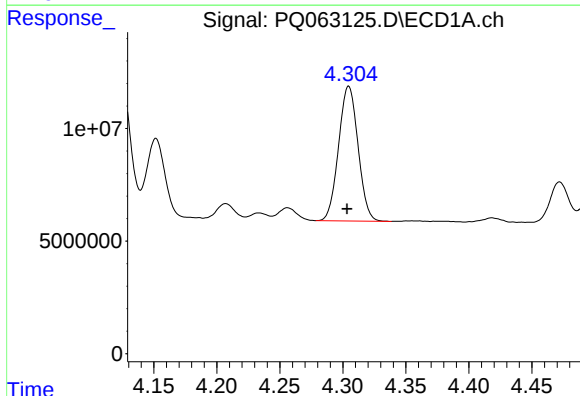
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 44149724
Conc: 341.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



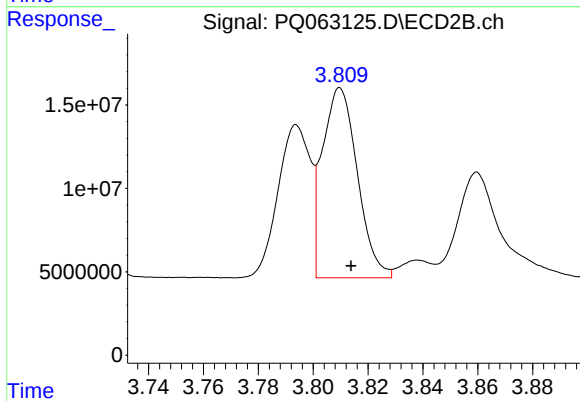
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.003 min
Response: 37534825
Conc: 385.23 ng/ml



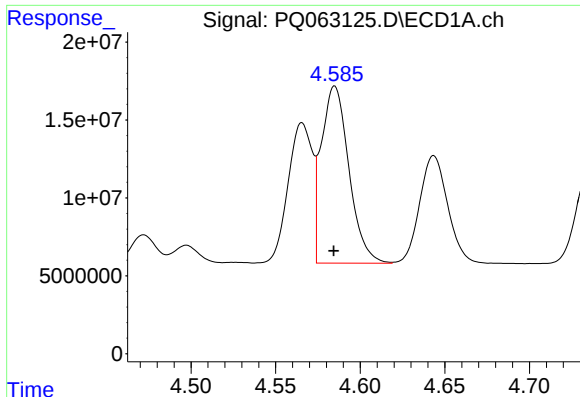
#12 AR-1232-2

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 64355171
Conc: 922.73 ng/ml



#12 AR-1232-2

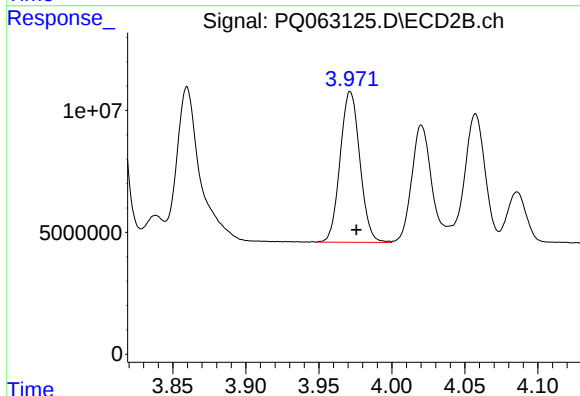
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 101144142
Conc: 1039.80 ng/ml



#13 AR-1232-3

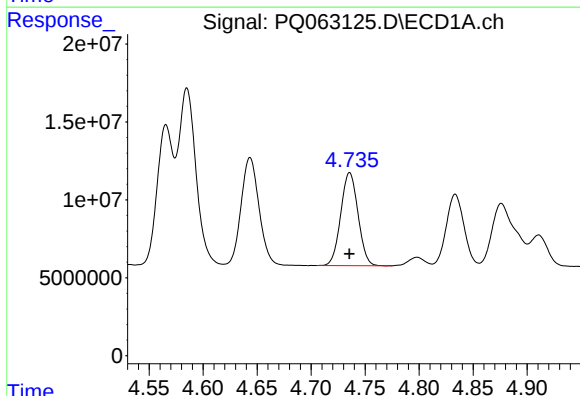
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 129393681
Conc: 1058.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



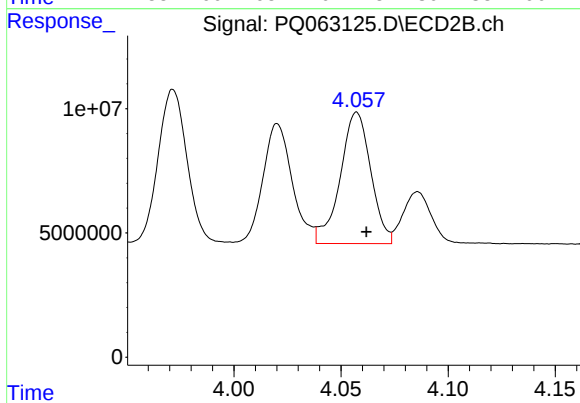
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 58114705
Conc: 1094.50 ng/ml



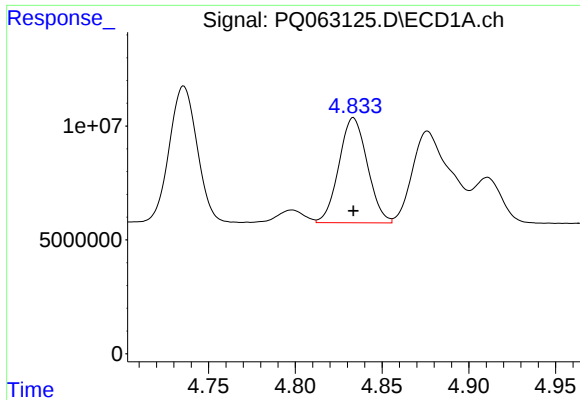
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 66442957
Conc: 1101.16 ng/ml



#14 AR-1232-4

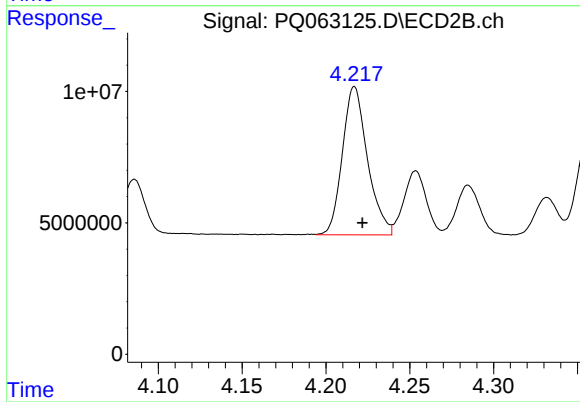
R.T.: 4.057 min
Delta R.T.: -0.004 min
Response: 52583264
Conc: 1145.65 ng/ml



#15 AR-1232-5

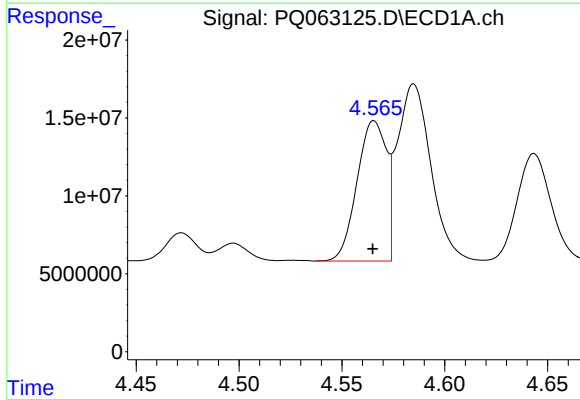
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 52688146
Conc: 1207.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



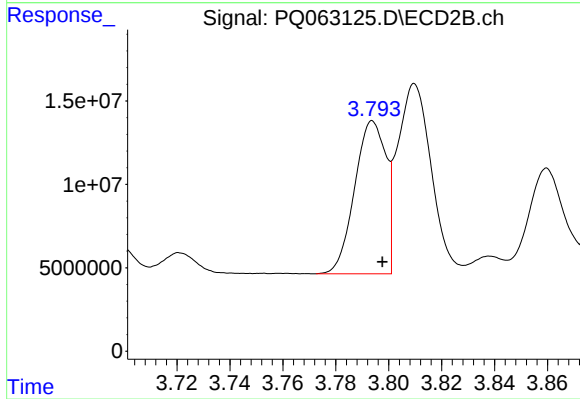
#15 AR-1232-5

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 58895921
Conc: 1086.19 ng/ml



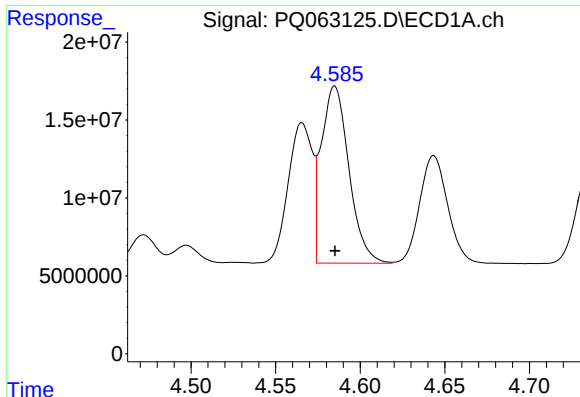
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 89616547
Conc: 530.97 ng/ml



#16 AR-1242-1

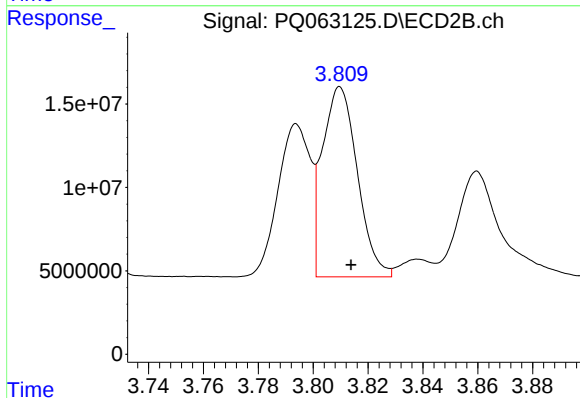
R.T.: 3.794 min
Delta R.T.: -0.004 min
Response: 74807476
Conc: 517.99 ng/ml



#17 AR-1242-2

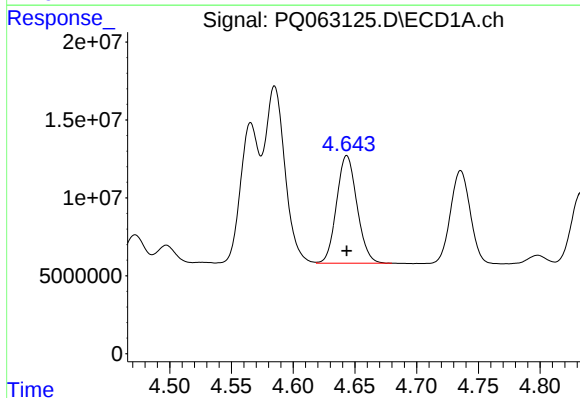
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 129393681
Conc: 536.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



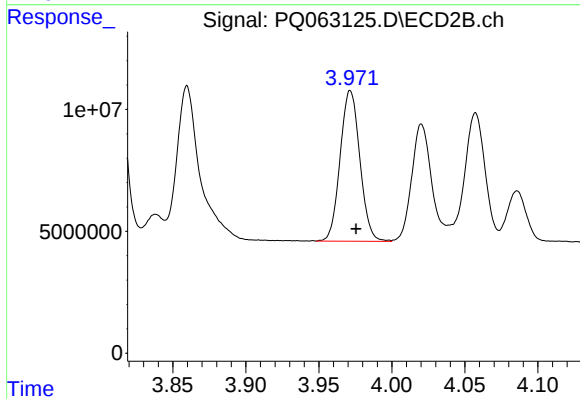
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 101144142
Conc: 532.40 ng/ml



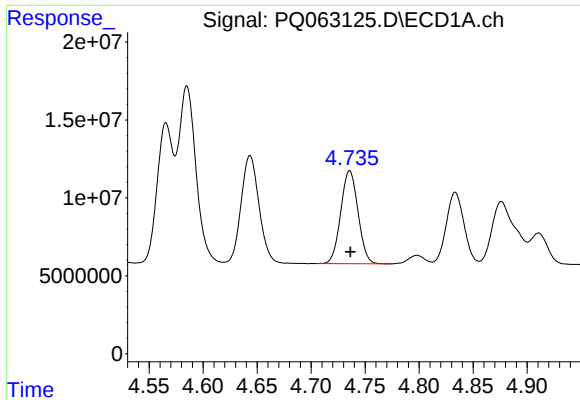
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 79500303
Conc: 542.73 ng/ml



#18 AR-1242-3

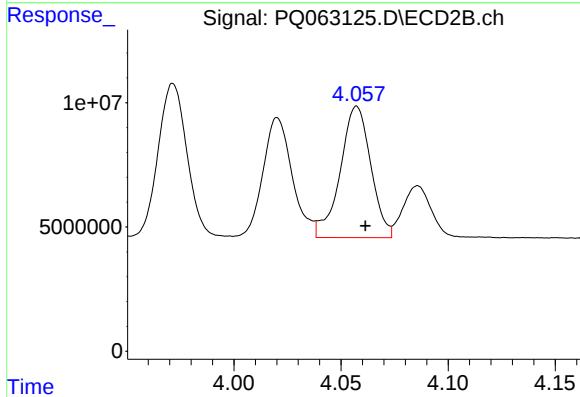
R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 58114705
Conc: 538.45 ng/ml



#19 AR-1242-4

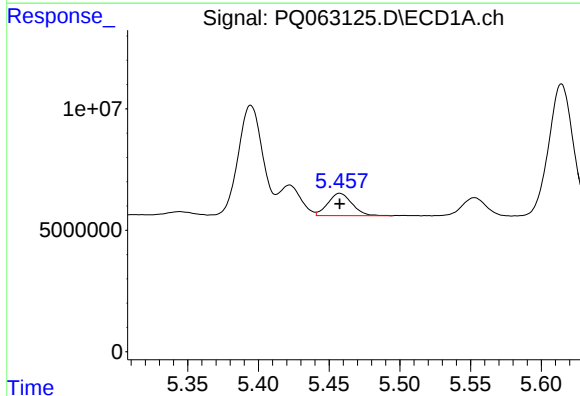
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 66442957
Conc: 536.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



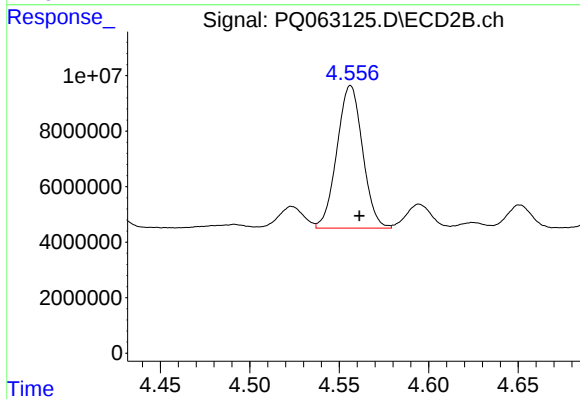
#19 AR-1242-4

R.T.: 4.057 min
Delta R.T.: -0.004 min
Response: 52583264
Conc: 527.79 ng/ml



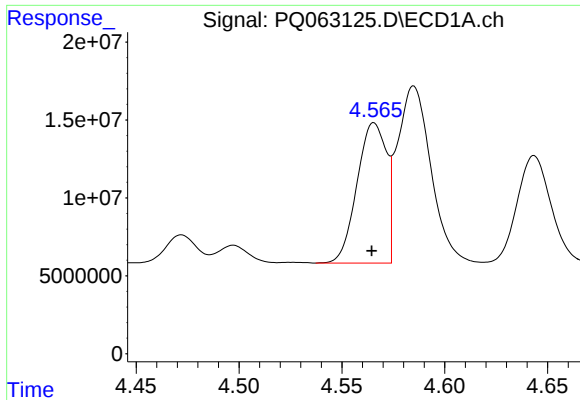
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 10890806
Conc: 82.41 ng/ml



#20 AR-1242-5

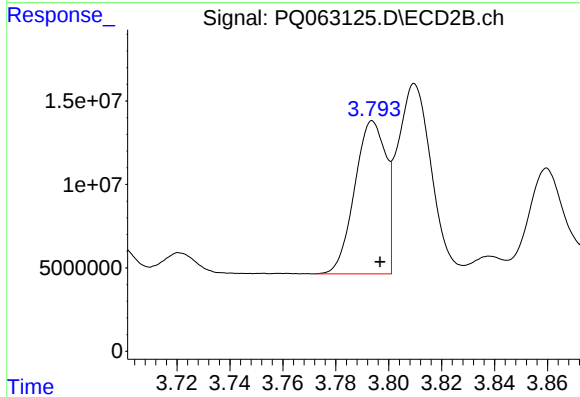
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 51260952
Conc: 379.13 ng/ml



#21 AR-1248-1

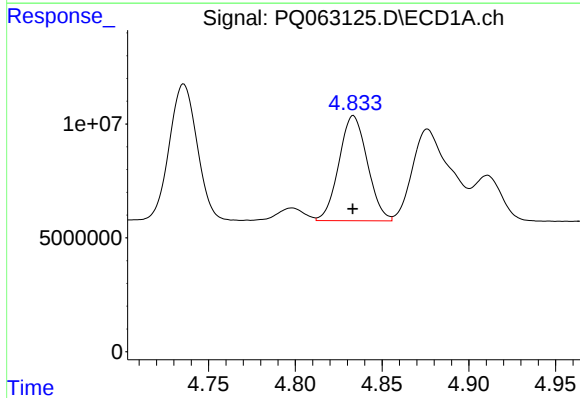
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 89616547
Conc: 673.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



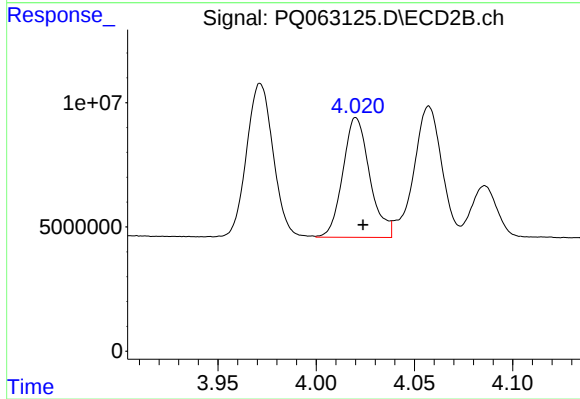
#21 AR-1248-1

R.T.: 3.794 min
Delta R.T.: -0.003 min
Response: 74807476
Conc: 669.67 ng/ml



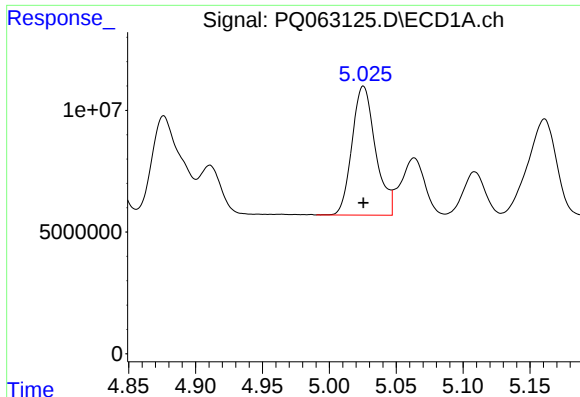
#22 AR-1248-2

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 52688146
Conc: 301.50 ng/ml



#22 AR-1248-2

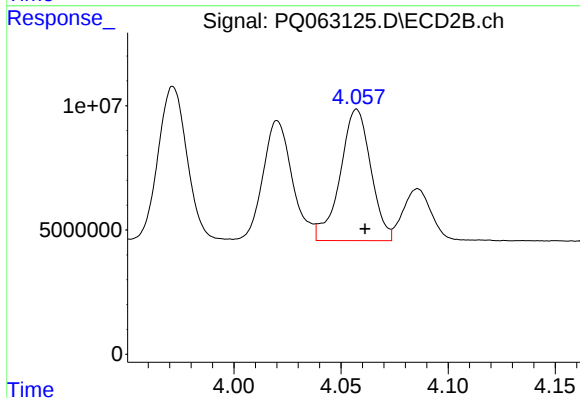
R.T.: 4.020 min
Delta R.T.: -0.004 min
Response: 45856443
Conc: 290.38 ng/ml



#23 AR-1248-3

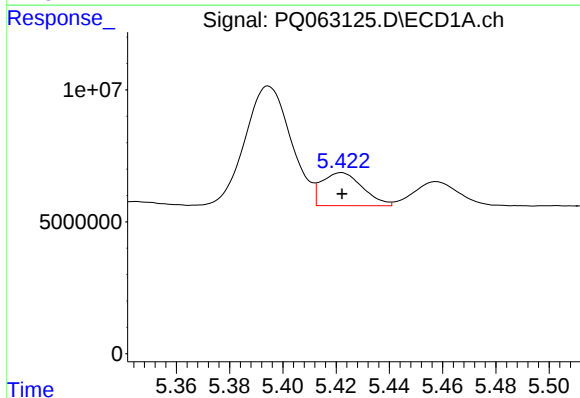
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64738054
Conc: 306.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



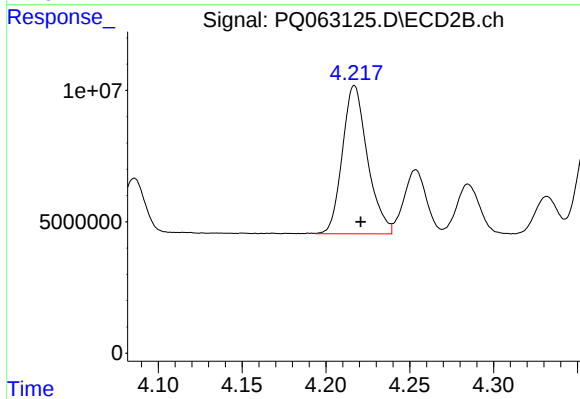
#23 AR-1248-3

R.T.: 4.057 min
Delta R.T.: -0.004 min
Response: 52583264
Conc: 344.81 ng/ml



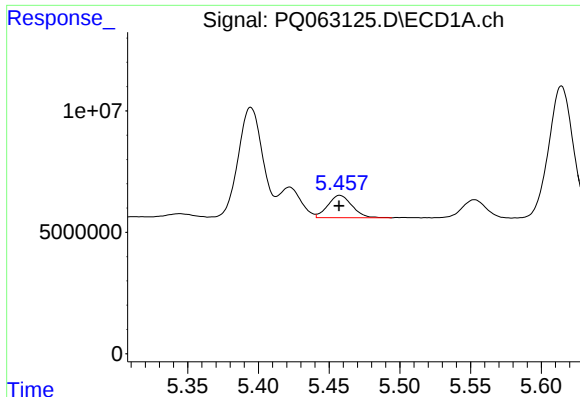
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 13338701
Conc: 55.98 ng/ml



#24 AR-1248-4

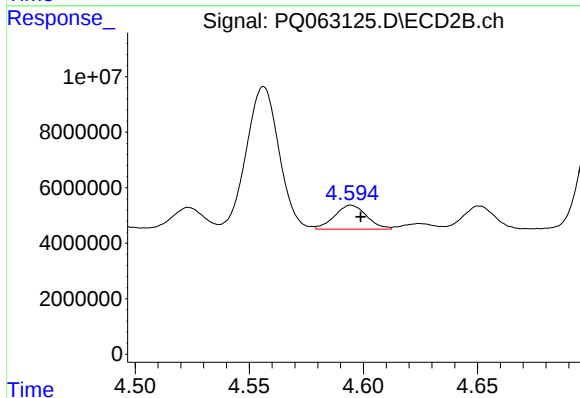
R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 58895921
Conc: 309.72 ng/ml



#25 AR-1248-5

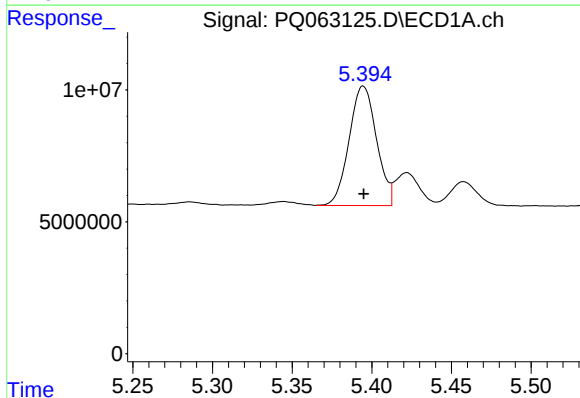
R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 10890806
Conc: 46.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



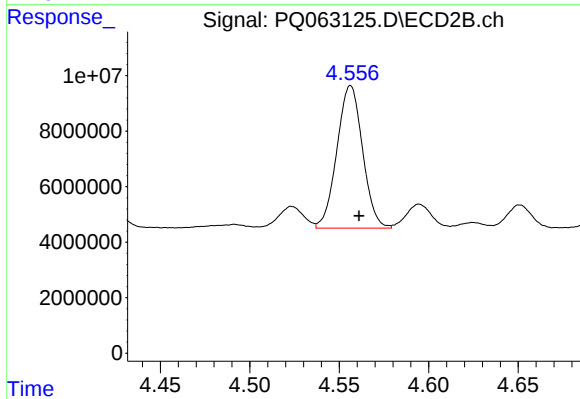
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 8481948
Conc: 43.85 ng/ml



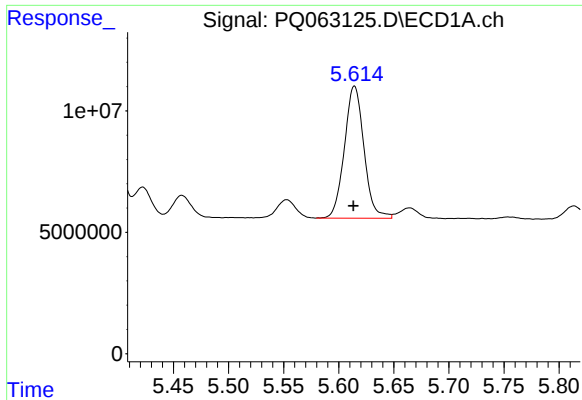
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 54196759
Conc: 247.47 ng/ml



#26 AR-1254-1

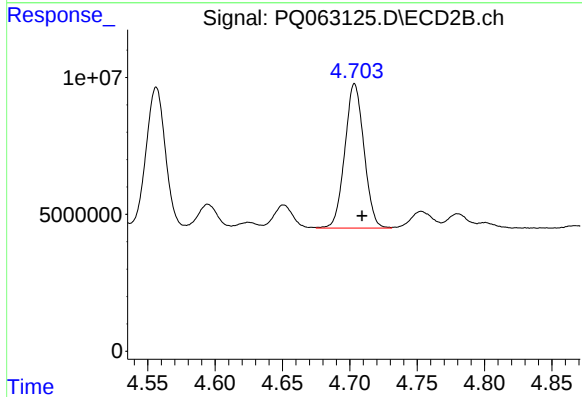
R.T.: 4.556 min
Delta R.T.: -0.005 min
Response: 51260952
Conc: 191.05 ng/ml



#27 AR-1254-2

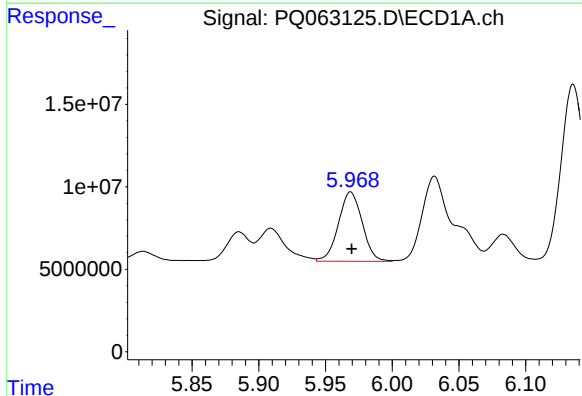
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 67158087
Conc: 198.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



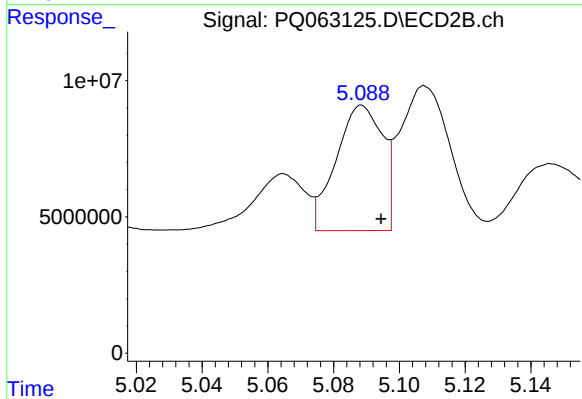
#27 AR-1254-2

R.T.: 4.704 min
Delta R.T.: -0.006 min
Response: 52139497
Conc: 222.14 ng/ml



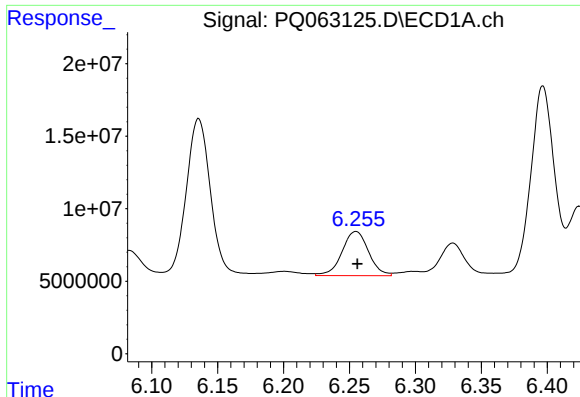
#28 AR-1254-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 52146303
Conc: 145.45 ng/ml



#28 AR-1254-3

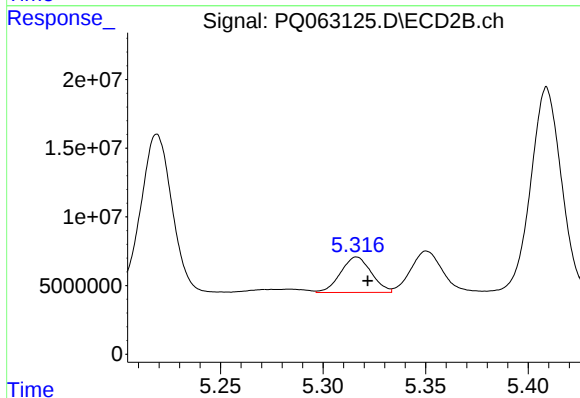
R.T.: 5.089 min
Delta R.T.: -0.006 min
Response: 45022949
Conc: 119.05 ng/ml



#29 AR-1254-4

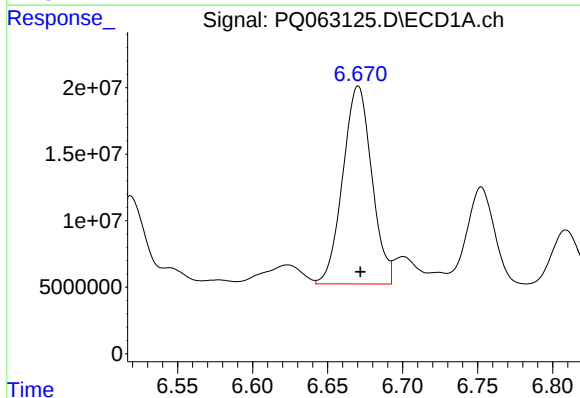
R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 42729644
Conc: 157.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



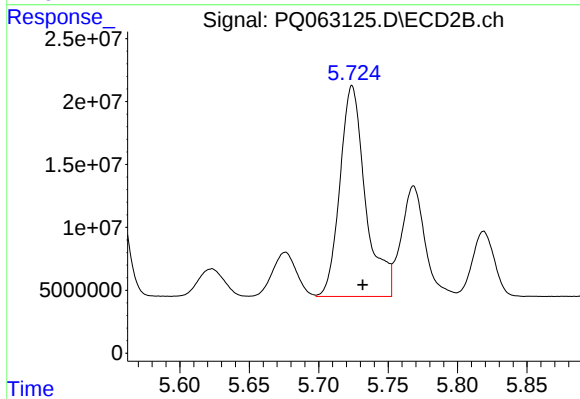
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: -0.005 min
Response: 26896147
Conc: 110.09 ng/ml



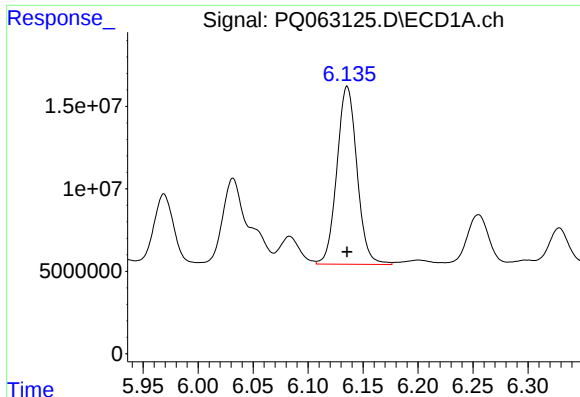
#30 AR-1254-5

R.T.: 6.670 min
Delta R.T.: -0.001 min
Response: 200001754
Conc: 723.51 ng/ml



#30 AR-1254-5

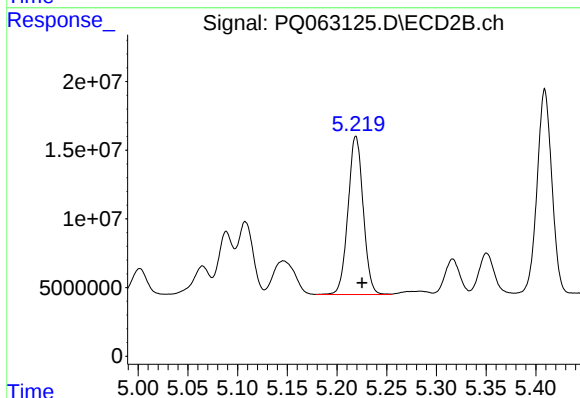
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 214620357
Conc: 621.85 ng/ml



#31 AR-1260-1

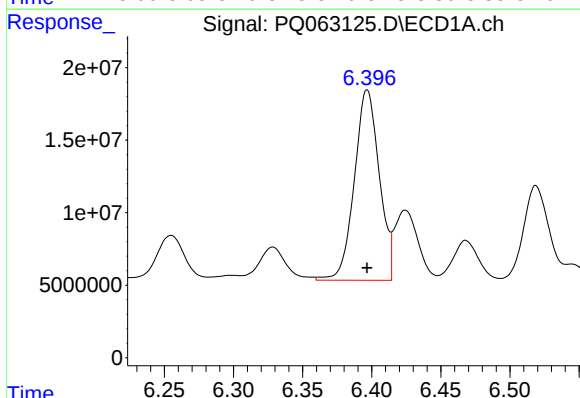
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 137276404
Conc: 537.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



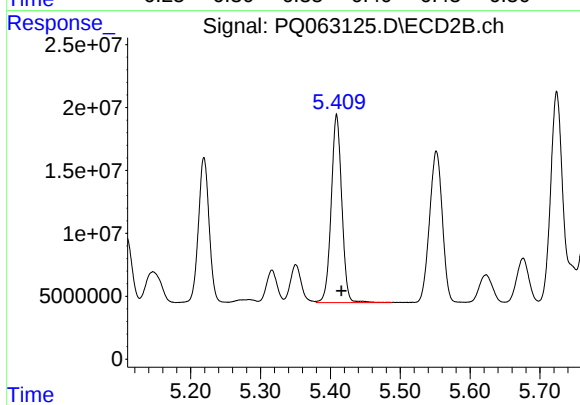
#31 AR-1260-1

R.T.: 5.219 min
Delta R.T.: -0.006 min
Response: 122391118
Conc: 490.39 ng/ml



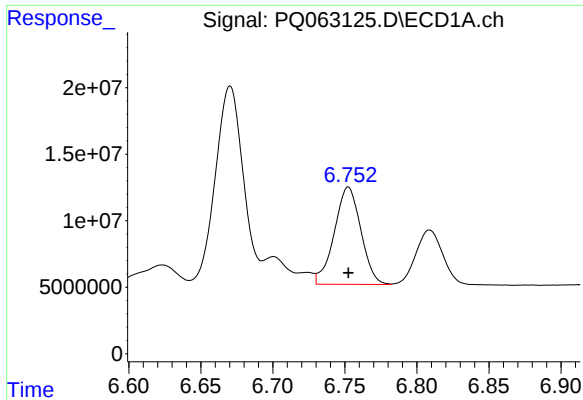
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 165109582
Conc: 544.00 ng/ml



#32 AR-1260-2

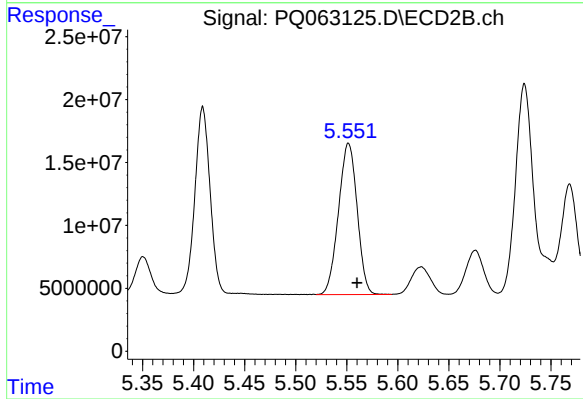
R.T.: 5.409 min
Delta R.T.: -0.007 min
Response: 157036799
Conc: 509.90 ng/ml



#33 AR-1260-3

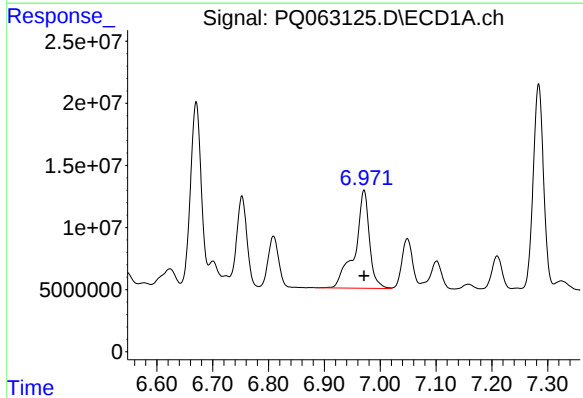
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 93989201
Conc: 445.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



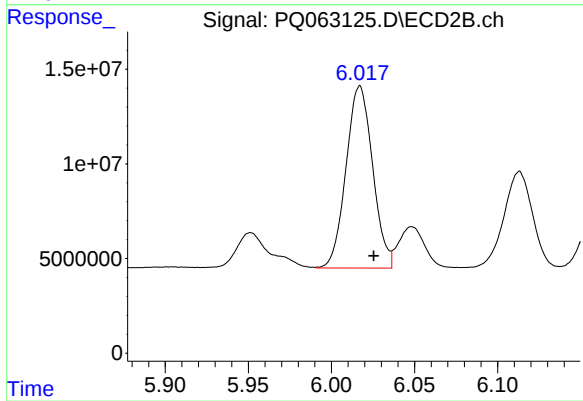
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 152996453
Conc: 493.74 ng/ml



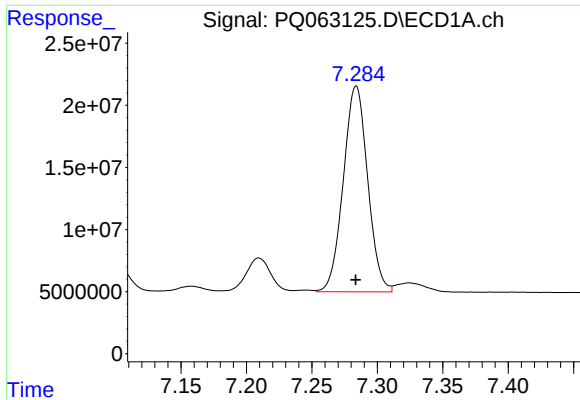
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 142629651
Conc: 595.14 ng/ml



#34 AR-1260-4

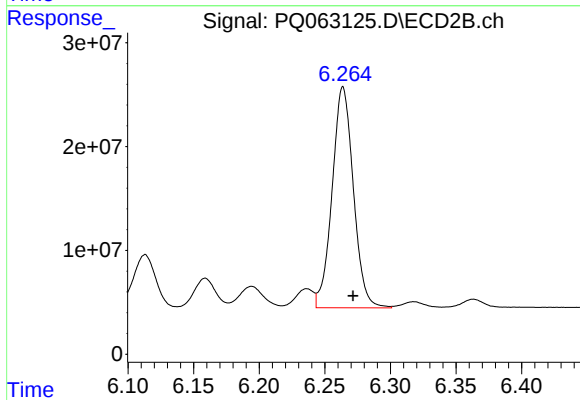
R.T.: 6.017 min
Delta R.T.: -0.008 min
Response: 107251927
Conc: 437.38 ng/ml



#35 AR-1260-5

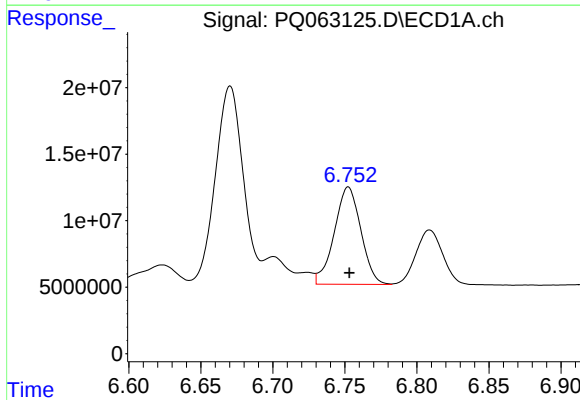
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 214672413
Conc: 457.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



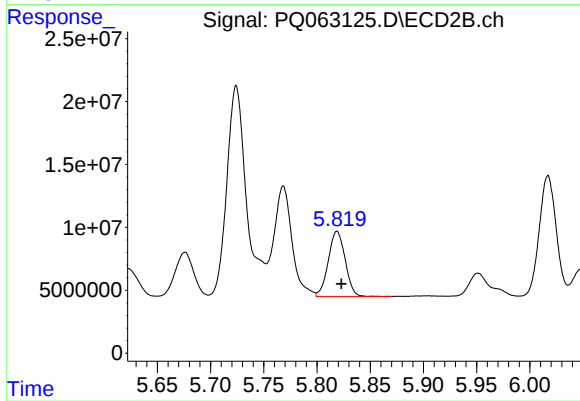
#35 AR-1260-5

R.T.: 6.264 min
Delta R.T.: -0.008 min
Response: 240294972
Conc: 439.68 ng/ml



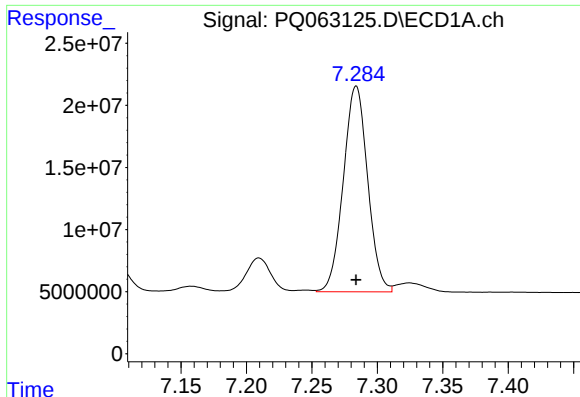
#36 AR-1262-1

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 93989201
Conc: 291.04 ng/ml



#36 AR-1262-1

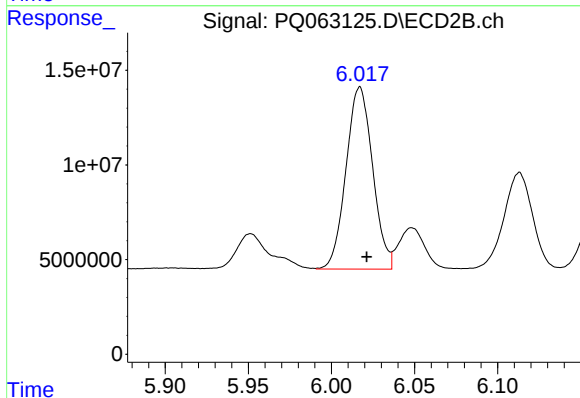
R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 56926631
Conc: 398.69 ng/ml



#37 AR-1262-2

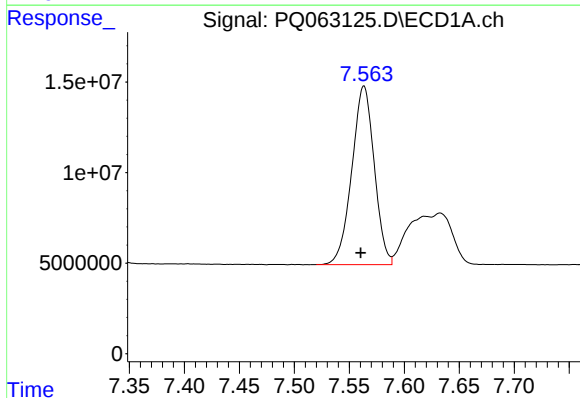
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 214672413
Conc: 395.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



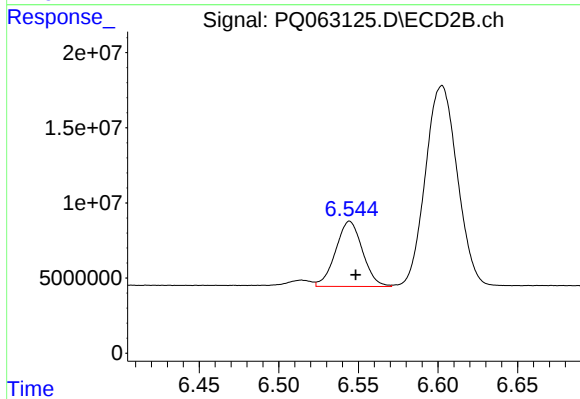
#37 AR-1262-2

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 107251927
Conc: 343.21 ng/ml



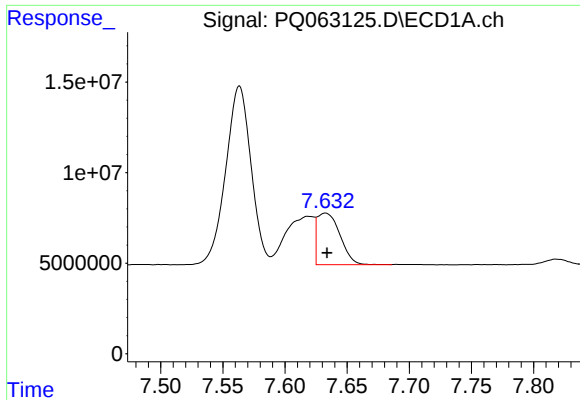
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 139695077
Conc: 386.74 ng/ml



#38 AR-1262-3

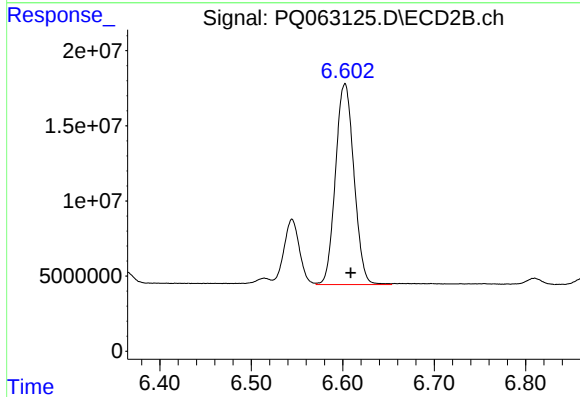
R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 50954758
Conc: 202.13 ng/ml



#39 AR-1262-4

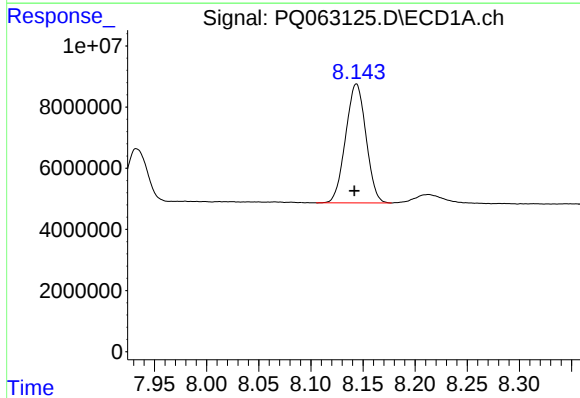
R.T.: 7.633 min
Delta R.T.: -0.001 min
Response: 36044586
Conc: 128.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



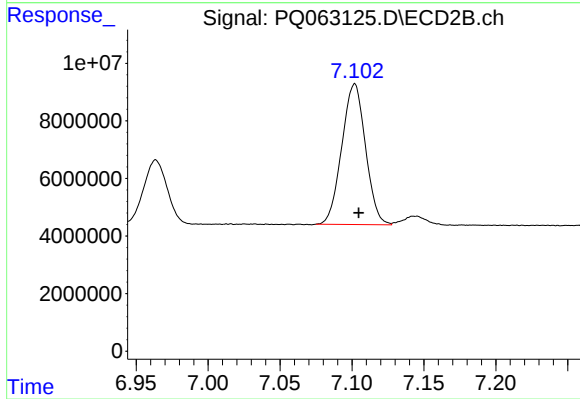
#39 AR-1262-4

R.T.: 6.602 min
Delta R.T.: -0.006 min
Response: 187688820
Conc: 401.47 ng/ml



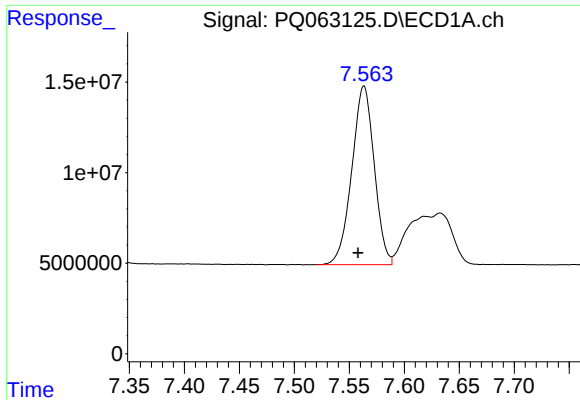
#40 AR-1262-5

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 52973807
Conc: 281.84 ng/ml



#40 AR-1262-5

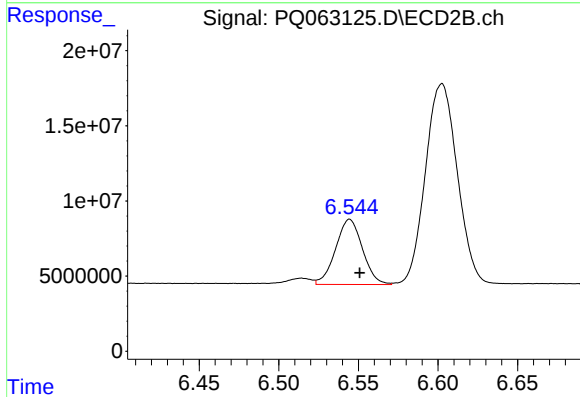
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 56229557
Conc: 255.90 ng/ml



#41 AR-1268-1

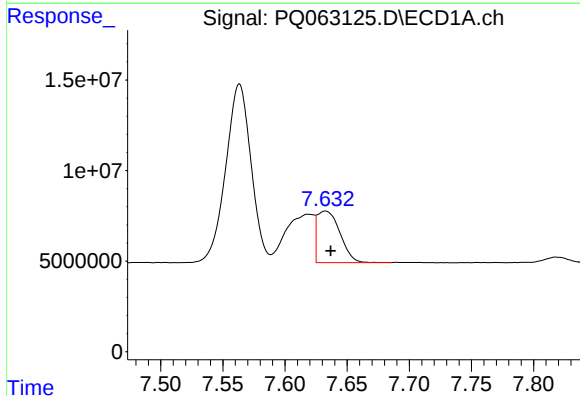
R.T.: 7.563 min
Delta R.T.: 0.005 min
Response: 139695077
Conc: 216.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



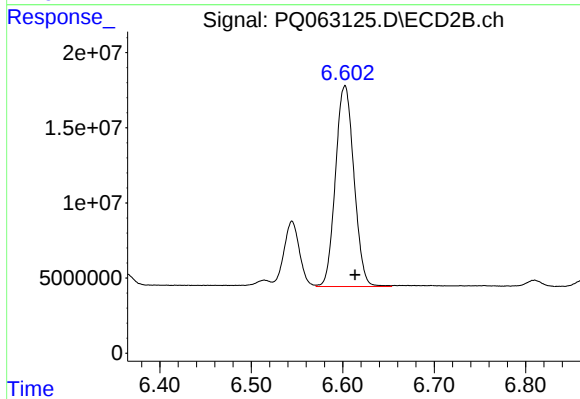
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 50954758
Conc: 68.28 ng/ml



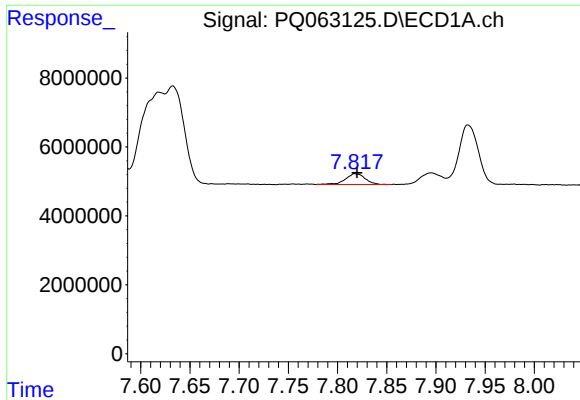
#42 AR-1268-2

R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 36044586
Conc: 60.11 ng/ml



#42 AR-1268-2

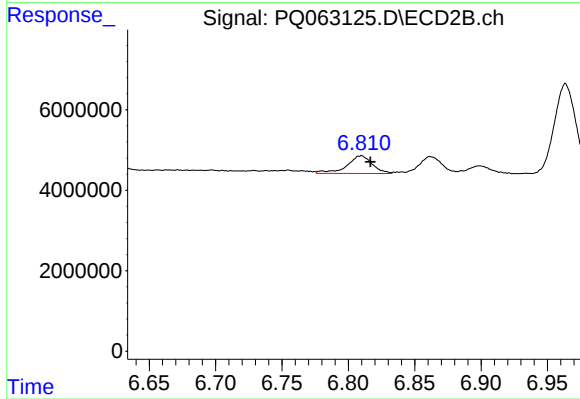
R.T.: 6.602 min
Delta R.T.: -0.011 min
Response: 187688820
Conc: 273.35 ng/ml



#43 AR-1268-3

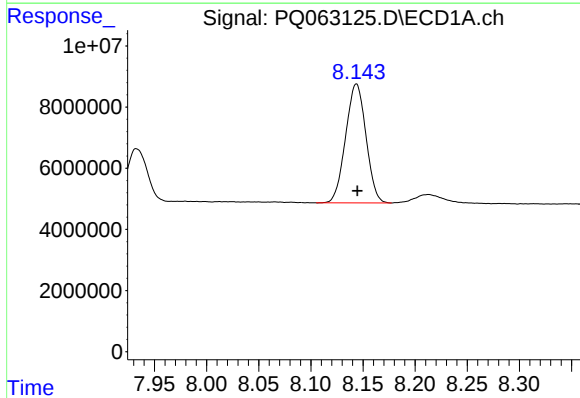
R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 4362007
Conc: 8.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



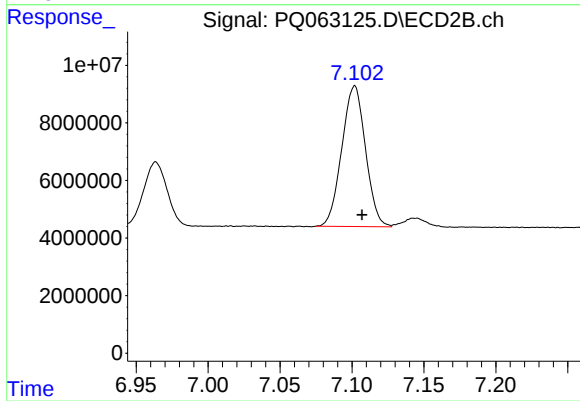
#43 AR-1268-3

R.T.: 6.810 min
Delta R.T.: -0.007 min
Response: 5835119
Conc: 9.94 ng/ml



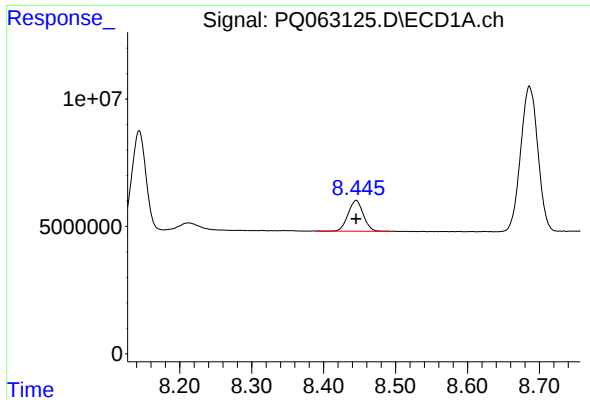
#44 AR-1268-4

R.T.: 8.144 min
Delta R.T.: -0.001 min
Response: 52973807
Conc: 246.92 ng/ml



#44 AR-1268-4

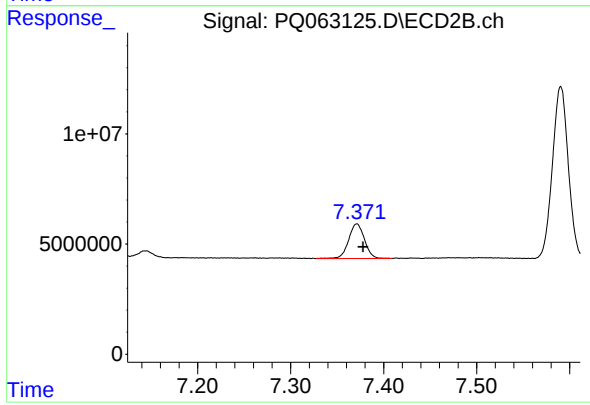
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 56229557
Conc: 220.82 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 17895823
Conc: 11.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 18591479
Conc: 10.49 ng/ml