

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072423\
 Data File : PQ062567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 13:54
 Operator : YP\AJ
 Sample : PB154362BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 15:53:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.401	2.754	75693214	49544257	15.517	19.746 #
2)	SA Decachlor...	8.584	7.524	65389484	63747384	18.000	19.131
Target Compounds							
3)	L1 AR-1016-1	4.502	3.755	63598905	43607332	386.108	440.588
4)	L1 AR-1016-2	4.521	3.771	95134368	63692802	384.741	441.701
5)	L1 AR-1016-3	4.579	3.931	58971380	32101600	386.937	425.510
6)	L1 AR-1016-4	4.670	3.980	47878073	27967426	381.970	425.819
7)	L1 AR-1016-5	4.958	4.175	47755410	34908700	392.348	425.811
8)	L2 AR-1221-1	3.598	2.955	6710728	4708804	111.645	142.706 #
9)	L2 AR-1221-2	3.681	3.032	7964276	5951388	177.249	234.306 #
10)	L2 AR-1221-3	3.750	3.100	35421457	25486510	252.077	330.603 #
11)	L3 AR-1232-1	3.750	3.100	35421457	25486510	335.426	444.801 #
12)	L3 AR-1232-2	4.243	3.771	47790422	63692802	807.937	956.996
13)	L3 AR-1232-3	4.521	3.931	95134368	32101600	841.297	929.001
14)	L3 AR-1232-4	4.670	4.017	47878073	31064202	844.911	1044.532
15)	L3 AR-1232-5	4.768	4.175	37128948	34908700	927.065	978.908
16)	L4 AR-1242-1	4.502	3.755	63598905	43607332	486.587	563.846
17)	L4 AR-1242-2	4.521	3.771	95134368	63692802	490.034	572.990
18)	L4 AR-1242-3	4.579	3.931	58971380	32101600	487.995	548.033
19)	L4 AR-1242-4	4.670	4.017	47878073	31064202	491.129	529.851
20)	L4 AR-1242-5	5.387	4.510	7575677	27430605	79.136	330.917 #
21)	L5 AR-1248-1	4.502	3.755	63598905	43607332	611.654	697.490
22)	L5 AR-1248-2	4.768	3.980	37128948	27967426	258.446	298.260
23)	L5 AR-1248-3	4.958	4.017	47755410	31064202	274.910	343.085
24)	L5 AR-1248-4	5.352	4.175	8822827	34908700	45.969	309.366 #
25)	L5 AR-1248-5	5.387	4.548	7575677	3941356	41.826	35.180
26)	L6 AR-1254-1	5.324	4.510	39615509	27430605	213.191	169.888
27)	L6 AR-1254-2	5.543	4.657	41142099	26577510	141.521	180.524 #
28)	L6 AR-1254-3	5.895	5.039	22804744	16305865	74.249	69.772
29)	L6 AR-1254-4	6.179	5.265	14717603	5834383	63.385	38.280 #
30)	L6 AR-1254-5	6.592	5.670	135.7E6	108.0E6	528.256	468.116
31)	L7 AR-1260-1	6.060	5.167	92252019	70476302	391.012	423.146
32)	L7 AR-1260-2	6.321	5.358	112.2E6	86288253	388.645	414.955
33)	L7 AR-1260-3	6.675	5.499	69281342	81583235	392.359	419.325
34)	L7 AR-1260-4	6.892	5.960	84483714	62563301	401.063	428.923
35)	L7 AR-1260-5	7.204	6.207	167.9E6	144.3E6	408.981	434.653
36)	L8 AR-1262-1	6.675	5.712	69281342	61256297	227.195	263.500
37)	L8 AR-1262-2	7.204	5.960	167.9E6	62563301	318.828	289.367
38)	L8 AR-1262-3	7.484	6.484	107.0E6	31097672	303.748	178.386 #
39)	L8 AR-1262-4	7.553	6.543	22233318	115.0E6	83.358	356.703 #
40)	L8 AR-1262-5	8.060	7.041	41251726	38250435	232.392	246.594
41)	L9 AR-1268-1	7.484	6.484	107.0E6	31097672	188.573	66.090 #

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 Sample : PB154362BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

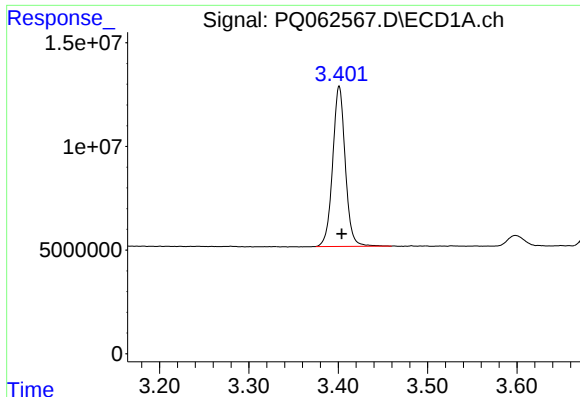
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 15:53:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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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	7.553	6.543	22233318	115.0E6	43.606	271.331 #
43) L9	AR-1268-3	7.737	6.746	2626948	2987239	6.155	8.110 #
44) L9	AR-1268-4	8.060	7.041	41251726	38250435	225.438	239.160
45) L9	AR-1268-5	8.352	7.308	13525517	13450250	10.728	11.526

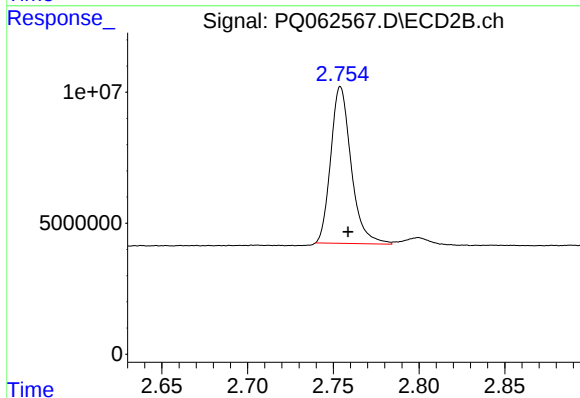
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

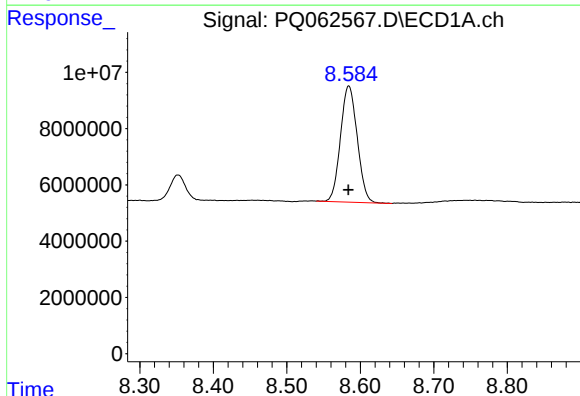
R.T.: 3.401 min
Delta R.T.: -0.003 min
Response: 75693214
Conc: 15.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



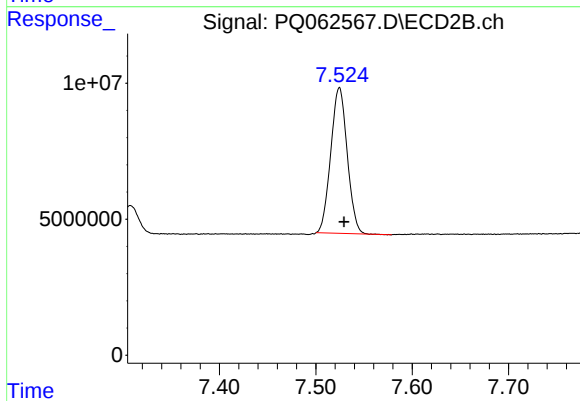
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: -0.004 min
Response: 49544257
Conc: 19.75 ng/ml



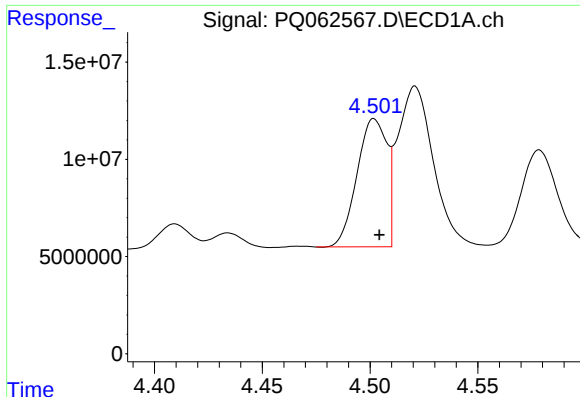
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 65389484
Conc: 18.00 ng/ml



#2 Decachlorobiphenyl

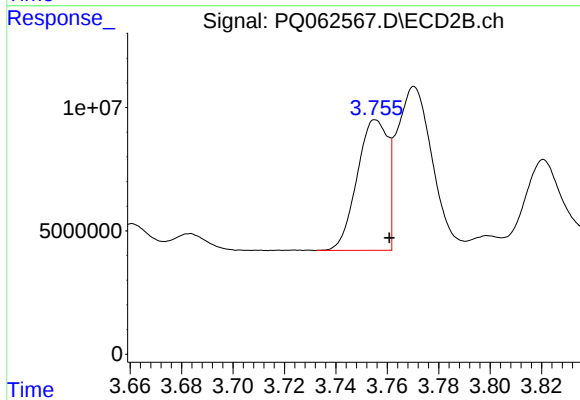
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 63747384
Conc: 19.13 ng/ml



#3 AR-1016-1

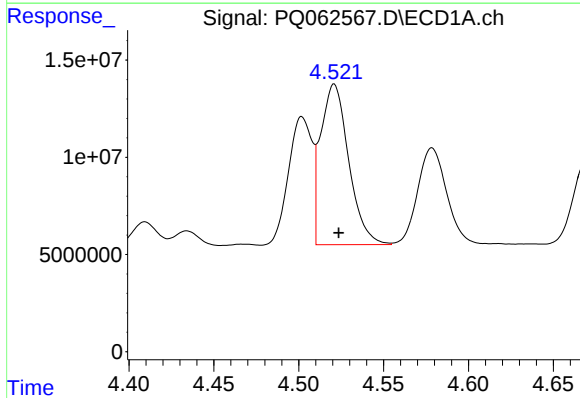
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 63598905
Conc: 386.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



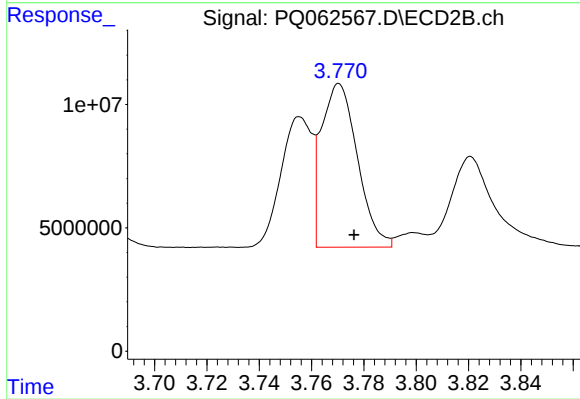
#3 AR-1016-1

R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 43607332
Conc: 440.59 ng/ml



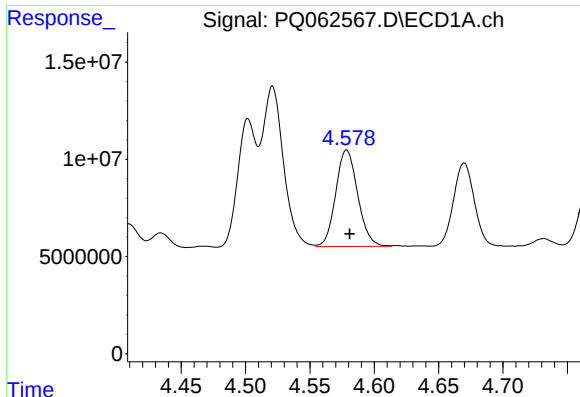
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 95134368
Conc: 384.74 ng/ml



#4 AR-1016-2

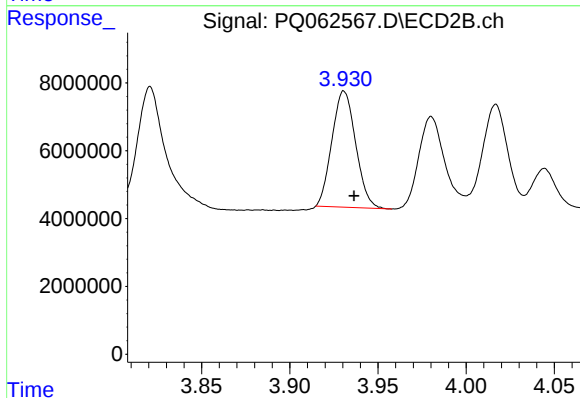
R.T.: 3.771 min
Delta R.T.: -0.006 min
Response: 63692802
Conc: 441.70 ng/ml



#5 AR-1016-3

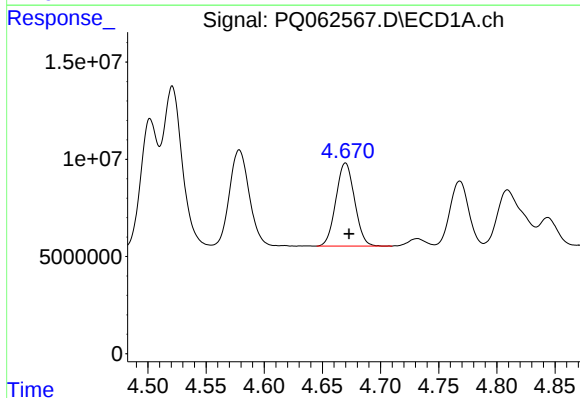
R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 58971380
Conc: 386.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



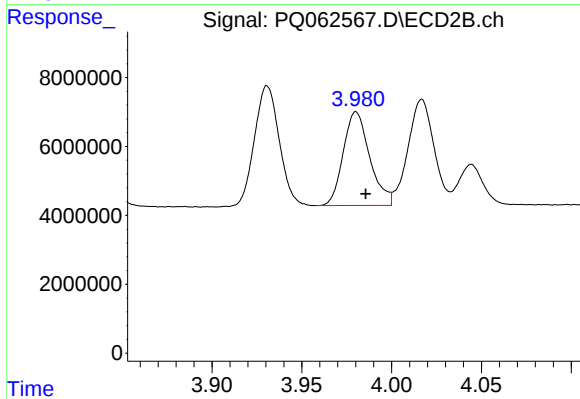
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.006 min
Response: 32101600
Conc: 425.51 ng/ml



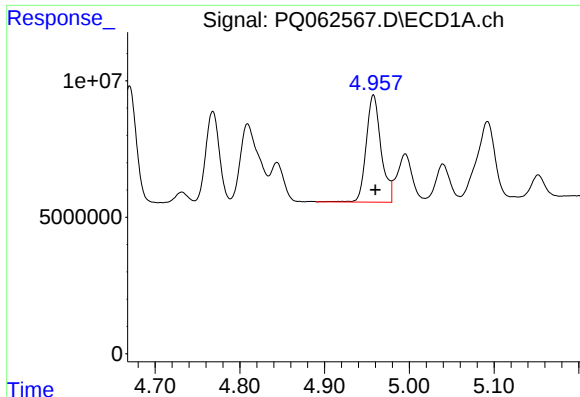
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 47878073
Conc: 381.97 ng/ml



#6 AR-1016-4

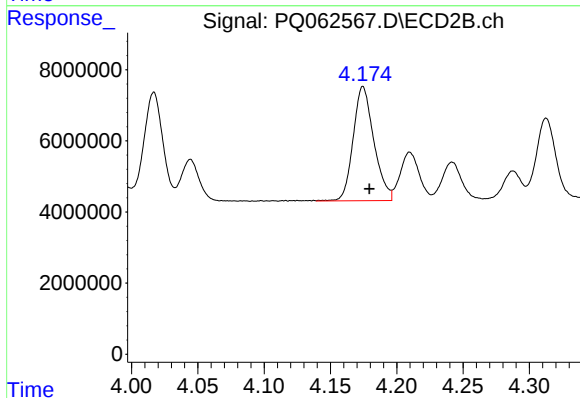
R.T.: 3.980 min
Delta R.T.: -0.005 min
Response: 27967426
Conc: 425.82 ng/ml



#7 AR-1016-5

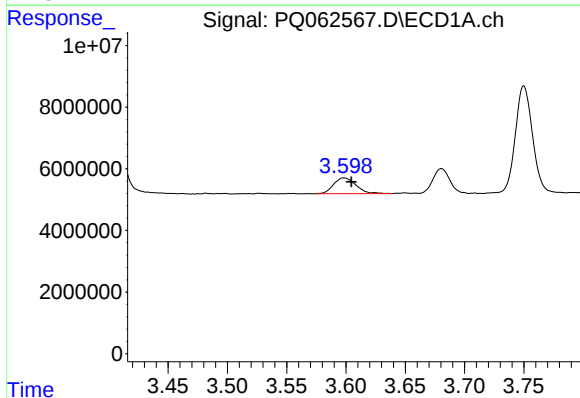
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 47755410
Conc: 392.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



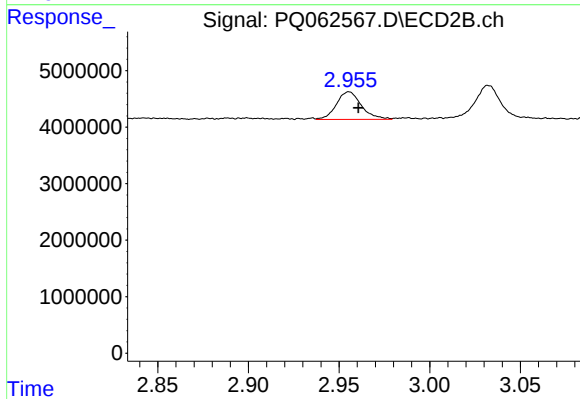
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 34908700
Conc: 425.81 ng/ml



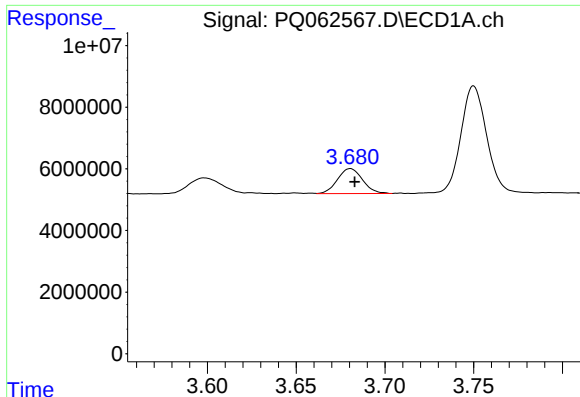
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 6710728
Conc: 111.64 ng/ml



#8 AR-1221-1

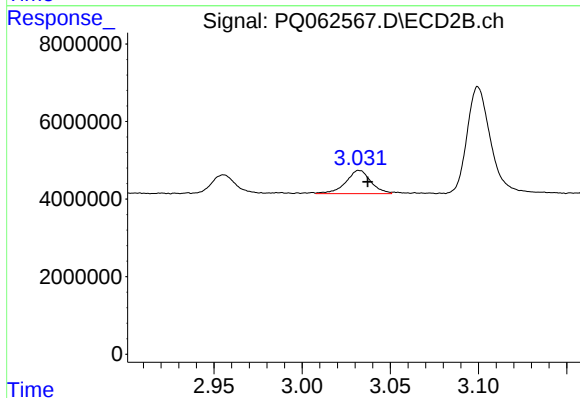
R.T.: 2.955 min
Delta R.T.: -0.005 min
Response: 4708804
Conc: 142.71 ng/ml



#9 AR-1221-2

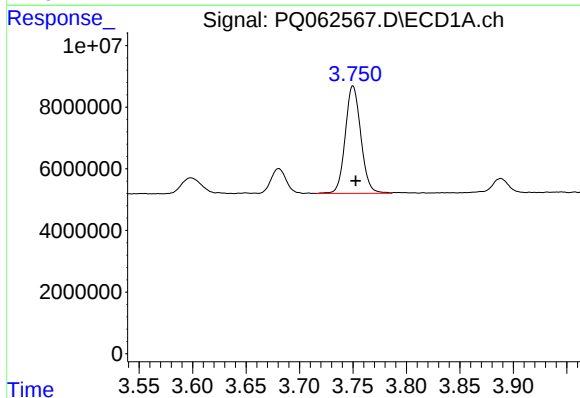
R.T.: 3.681 min
Delta R.T.: -0.003 min
Response: 7964276
Conc: 177.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



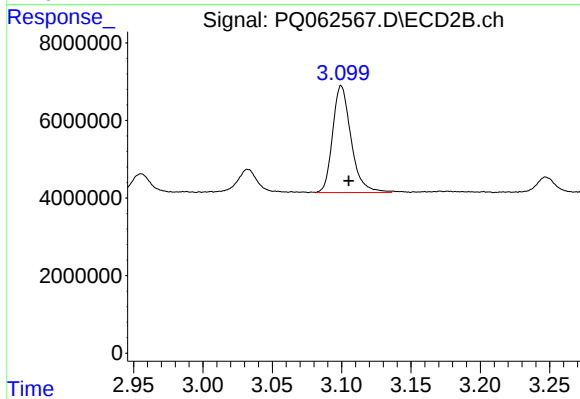
#9 AR-1221-2

R.T.: 3.032 min
Delta R.T.: -0.005 min
Response: 5951388
Conc: 234.31 ng/ml



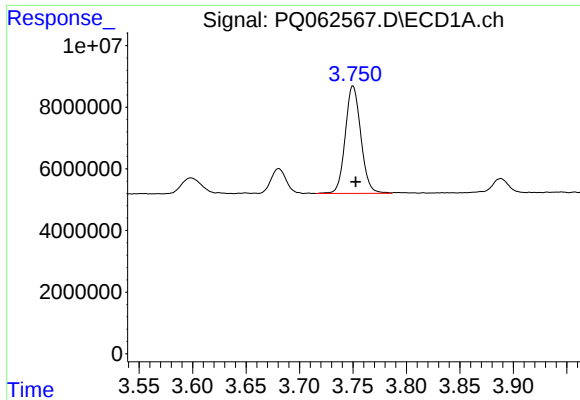
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 35421457
Conc: 252.08 ng/ml



#10 AR-1221-3

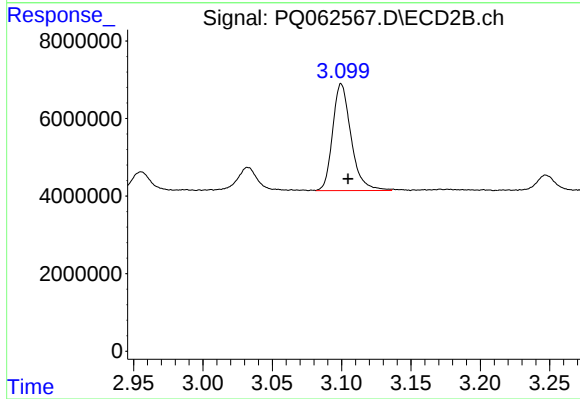
R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 25486510
Conc: 330.60 ng/ml



#11 AR-1232-1

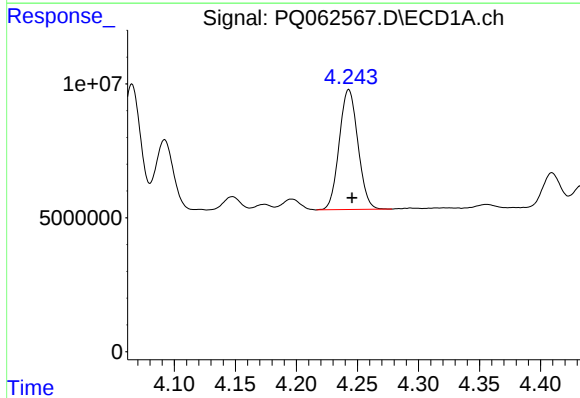
R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 35421457
Conc: 335.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



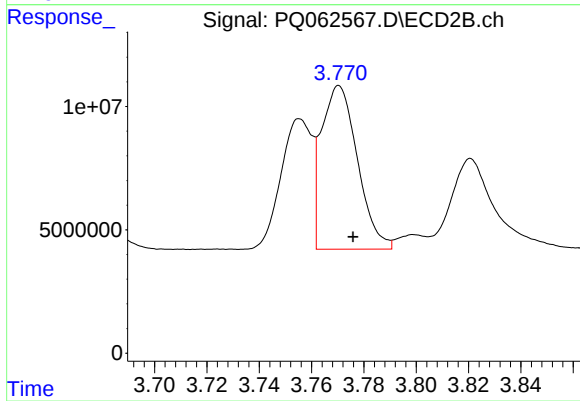
#11 AR-1232-1

R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 25486510
Conc: 444.80 ng/ml



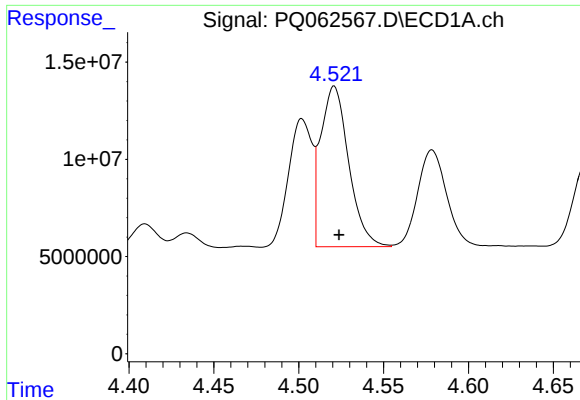
#12 AR-1232-2

R.T.: 4.243 min
Delta R.T.: -0.003 min
Response: 47790422
Conc: 807.94 ng/ml



#12 AR-1232-2

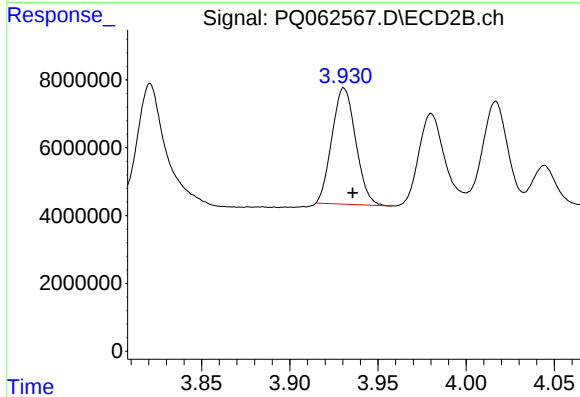
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 63692802
Conc: 957.00 ng/ml



#13 AR-1232-3

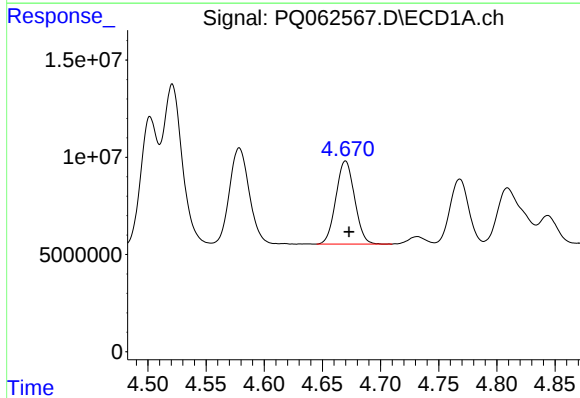
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 95134368
Conc: 841.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



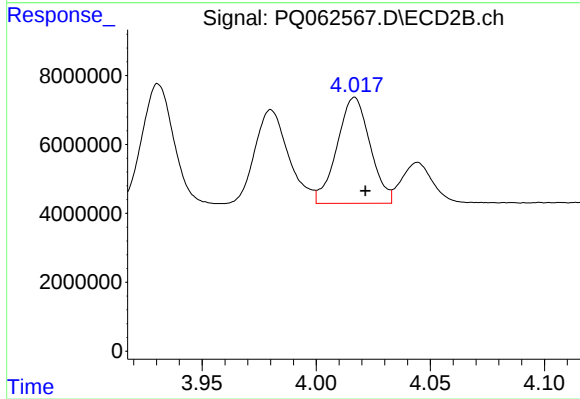
#13 AR-1232-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 32101600
Conc: 929.00 ng/ml



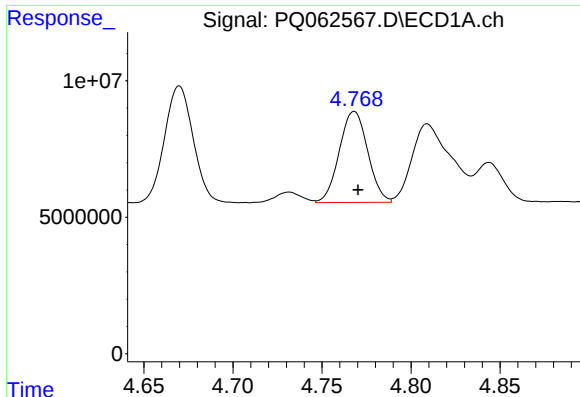
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 47878073
Conc: 844.91 ng/ml



#14 AR-1232-4

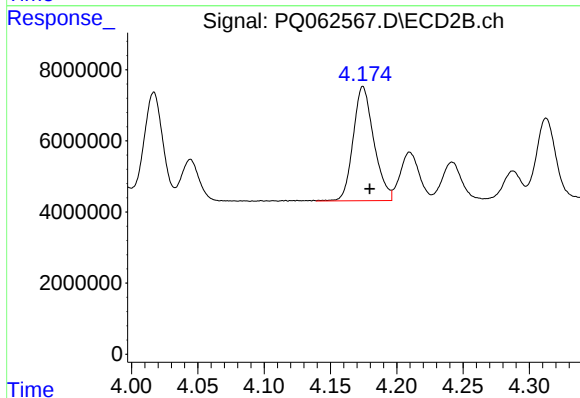
R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 31064202
Conc: 1044.53 ng/ml



#15 AR-1232-5

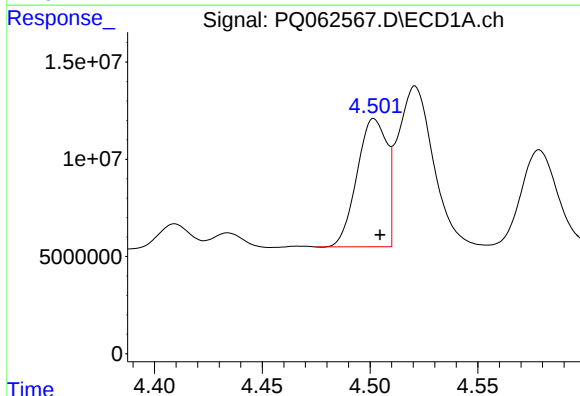
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 37128948
Conc: 927.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



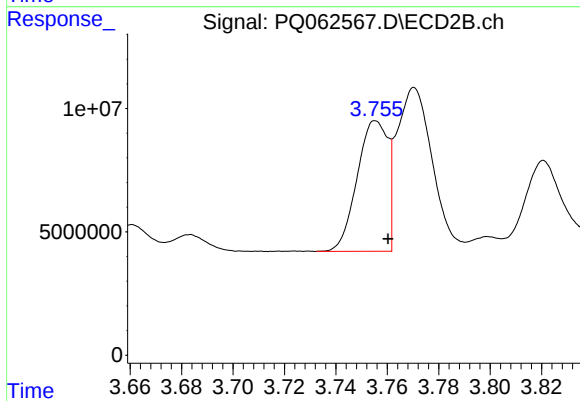
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 34908700
Conc: 978.91 ng/ml



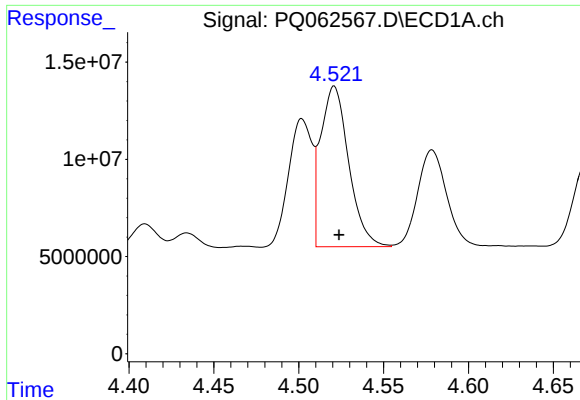
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 63598905
Conc: 486.59 ng/ml



#16 AR-1242-1

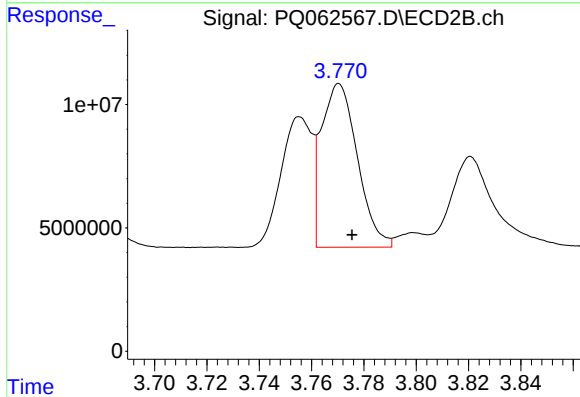
R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 43607332
Conc: 563.85 ng/ml



#17 AR-1242-2

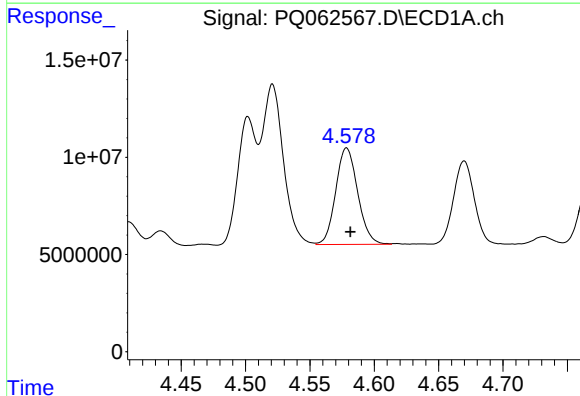
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 95134368
Conc: 490.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



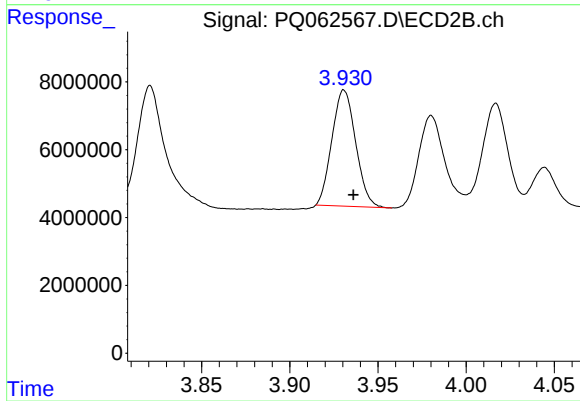
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 63692802
Conc: 572.99 ng/ml



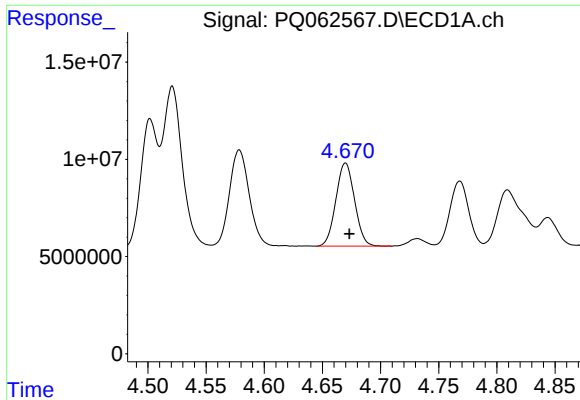
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 58971380
Conc: 488.00 ng/ml



#18 AR-1242-3

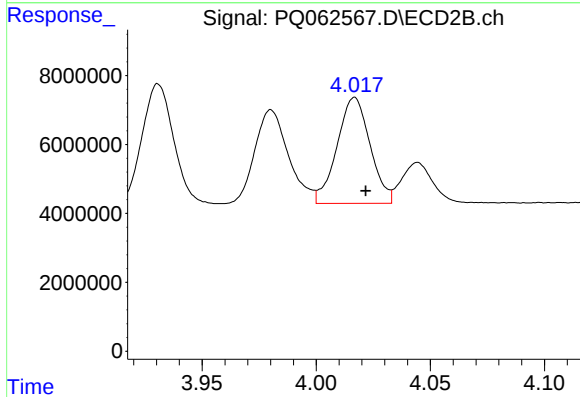
R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 32101600
Conc: 548.03 ng/ml



#19 AR-1242-4

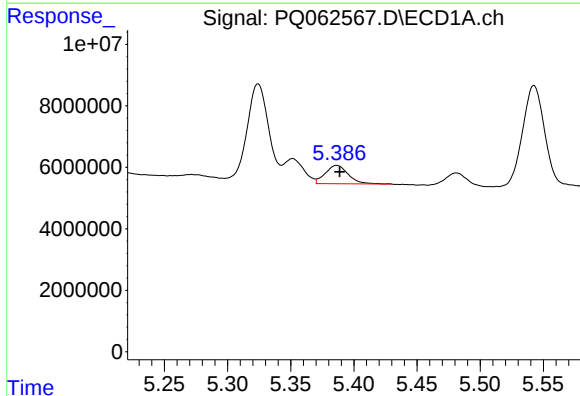
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 47878073
Conc: 491.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



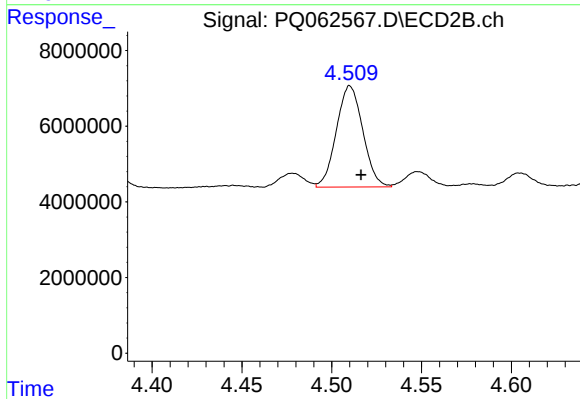
#19 AR-1242-4

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 31064202
Conc: 529.85 ng/ml



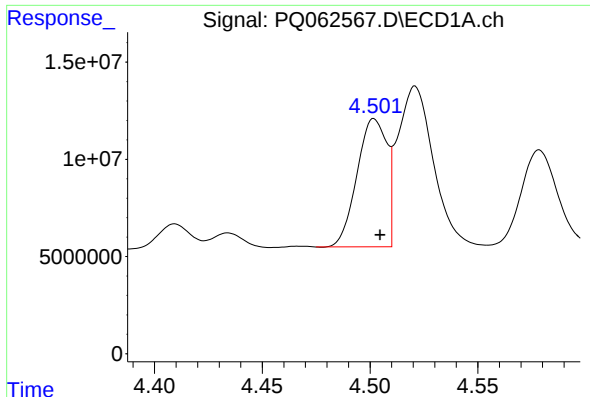
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 7575677
Conc: 79.14 ng/ml



#20 AR-1242-5

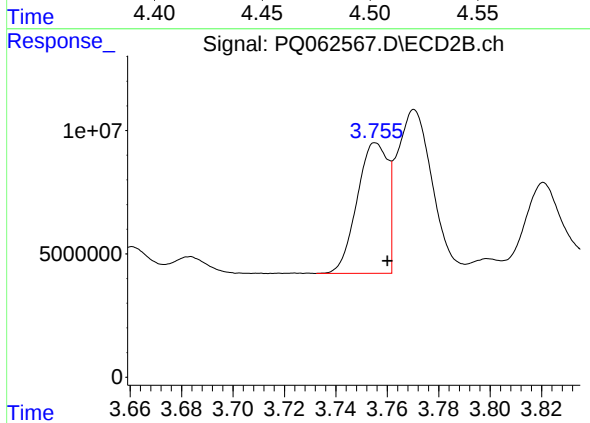
R.T.: 4.510 min
Delta R.T.: -0.006 min
Response: 27430605
Conc: 330.92 ng/ml



#21 AR-1248-1

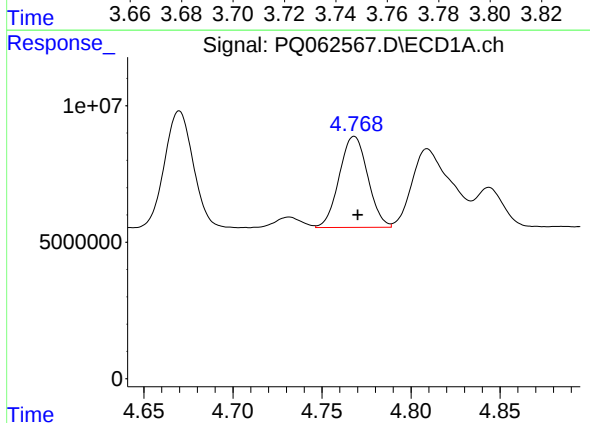
R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 63598905
Conc: 611.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



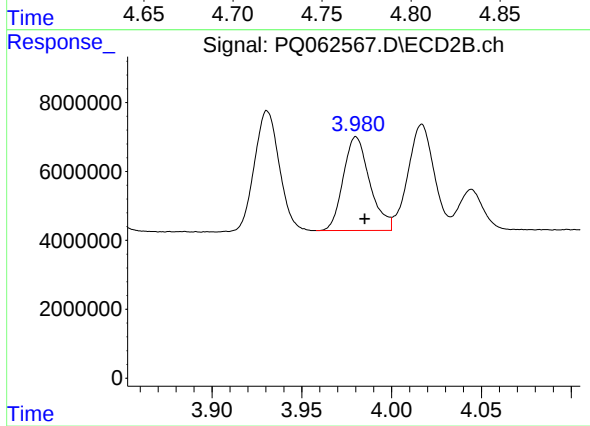
#21 AR-1248-1

R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 43607332
Conc: 697.49 ng/ml



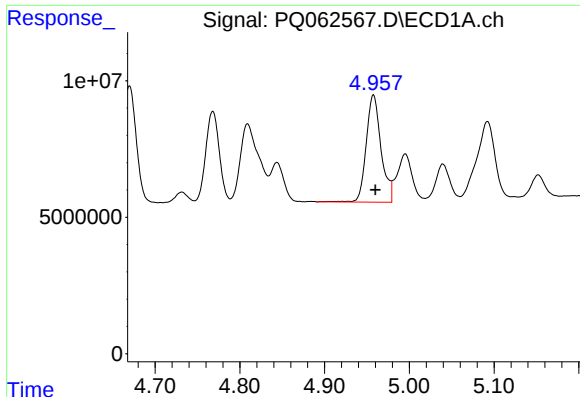
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 37128948
Conc: 258.45 ng/ml



#22 AR-1248-2

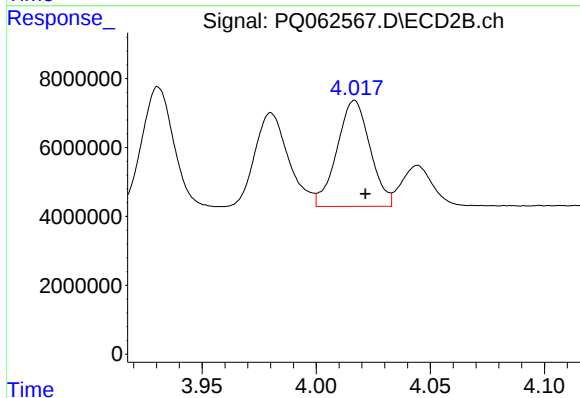
R.T.: 3.980 min
Delta R.T.: -0.005 min
Response: 27967426
Conc: 298.26 ng/ml



#23 AR-1248-3

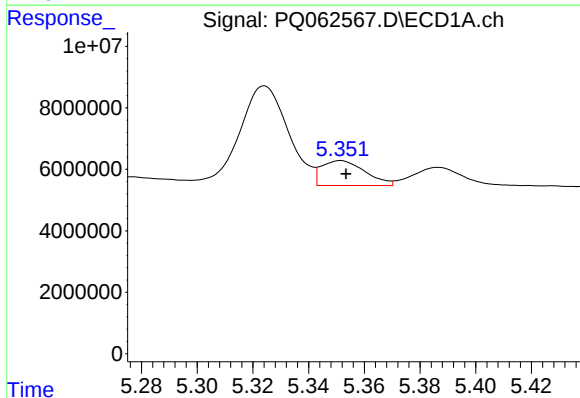
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 47755410
Conc: 274.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



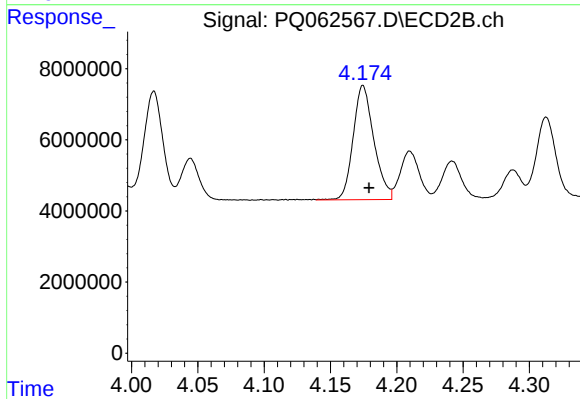
#23 AR-1248-3

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 31064202
Conc: 343.09 ng/ml



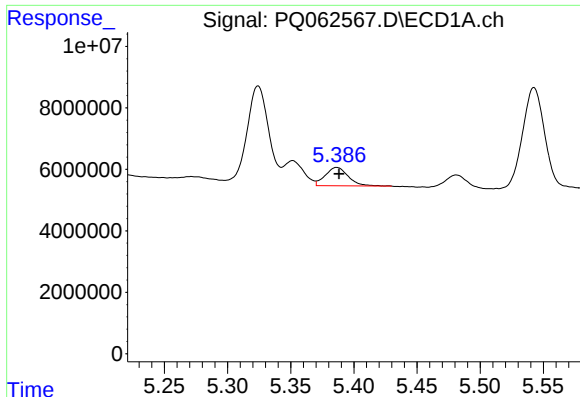
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 8822827
Conc: 45.97 ng/ml



#24 AR-1248-4

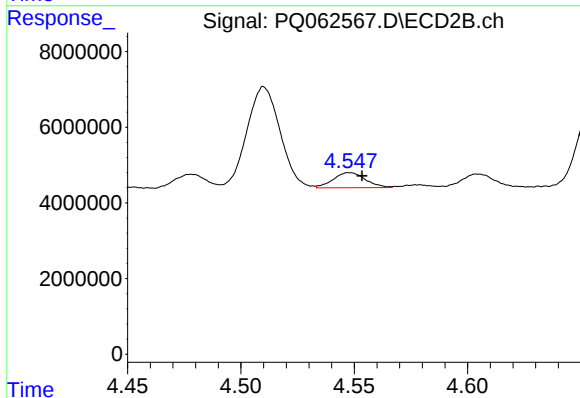
R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 34908700
Conc: 309.37 ng/ml



#25 AR-1248-5

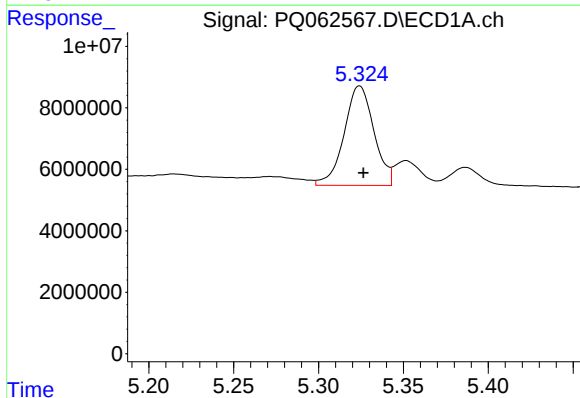
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 7575677
Conc: 41.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



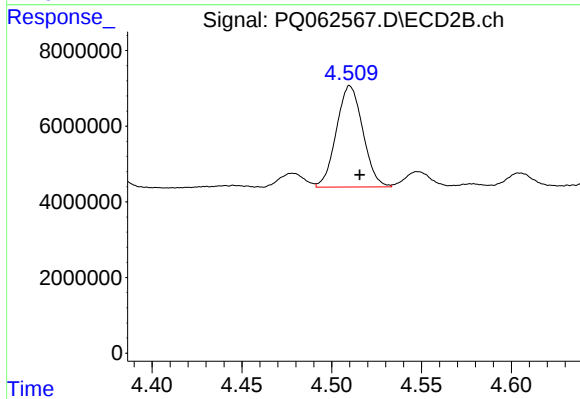
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 3941356
Conc: 35.18 ng/ml



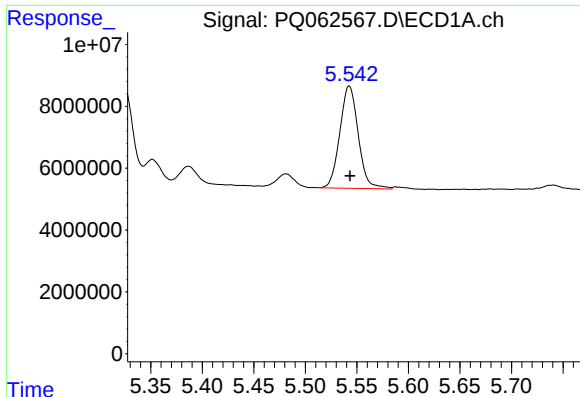
#26 AR-1254-1

R.T.: 5.324 min
Delta R.T.: -0.002 min
Response: 39615509
Conc: 213.19 ng/ml



#26 AR-1254-1

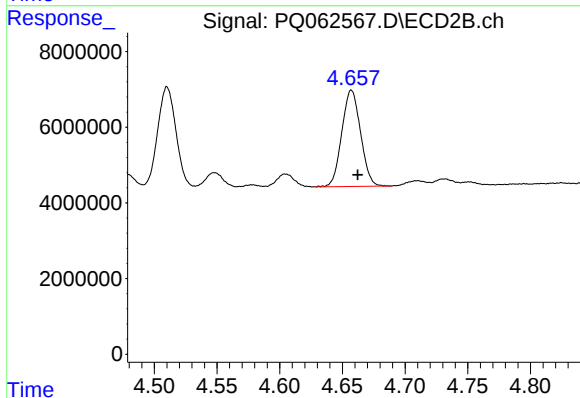
R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 27430605
Conc: 169.89 ng/ml



#27 AR-1254-2

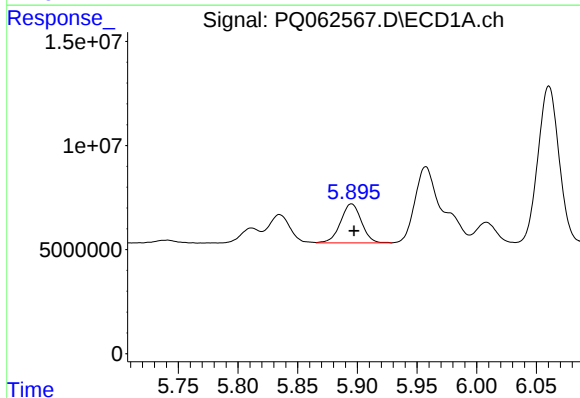
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 41142099
Conc: 141.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



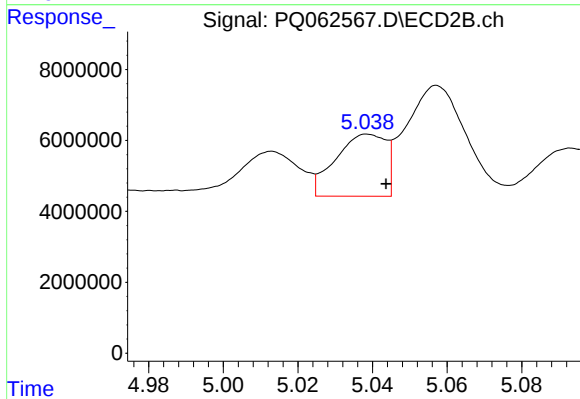
#27 AR-1254-2

R.T.: 4.657 min
Delta R.T.: -0.005 min
Response: 26577510
Conc: 180.52 ng/ml



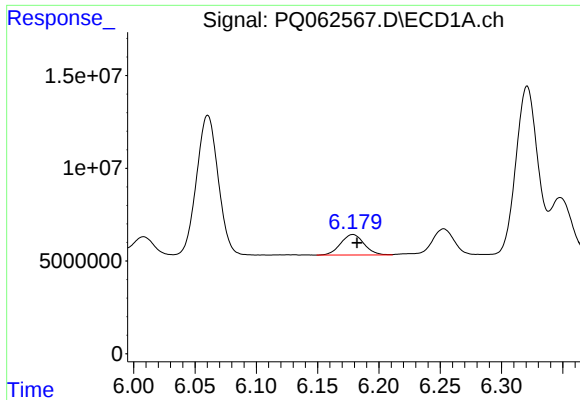
#28 AR-1254-3

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 22804744
Conc: 74.25 ng/ml



#28 AR-1254-3

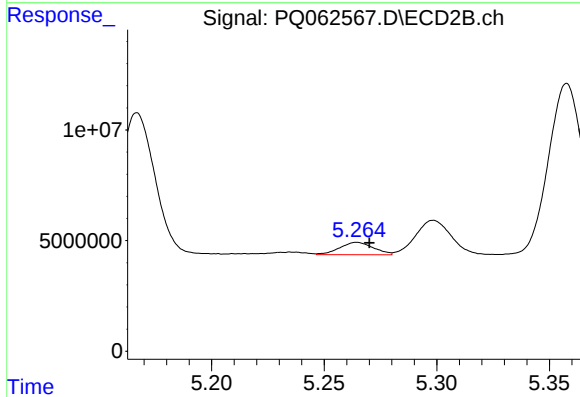
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 16305865
Conc: 69.77 ng/ml



#29 AR-1254-4

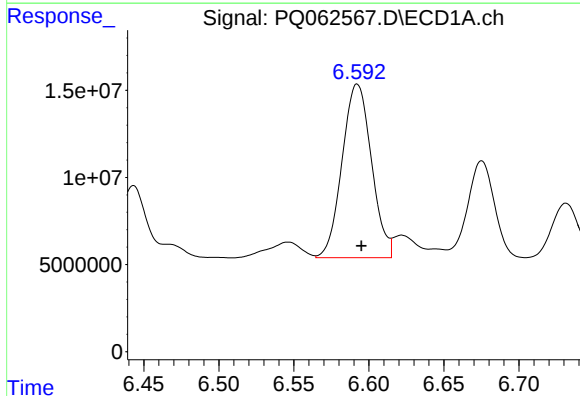
R.T.: 6.179 min
Delta R.T.: -0.003 min
Response: 14717603
Conc: 63.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



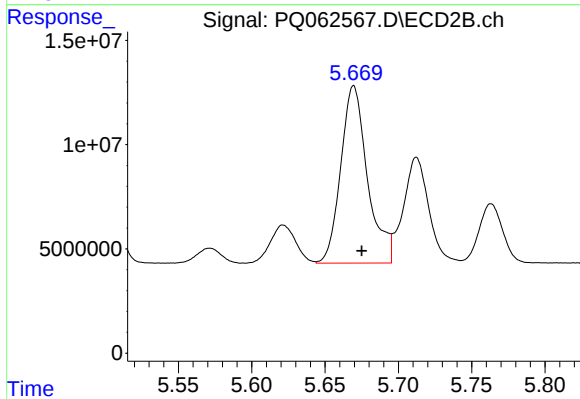
#29 AR-1254-4

R.T.: 5.265 min
Delta R.T.: -0.006 min
Response: 5834383
Conc: 38.28 ng/ml



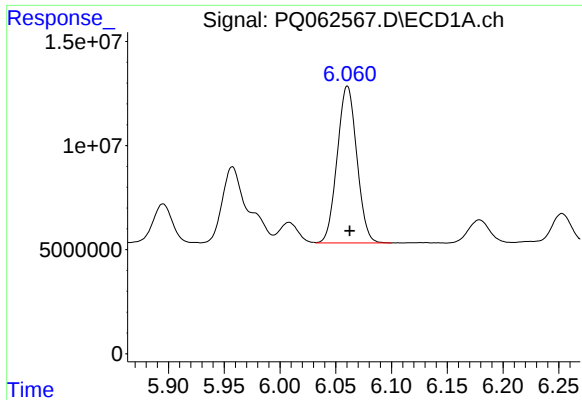
#30 AR-1254-5

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 135693095
Conc: 528.26 ng/ml



#30 AR-1254-5

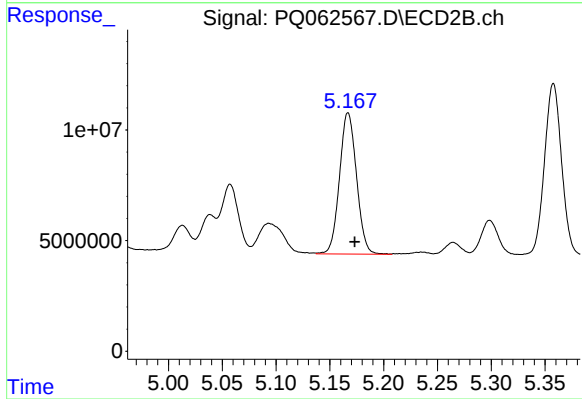
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 108039547
Conc: 468.12 ng/ml



#31 AR-1260-1

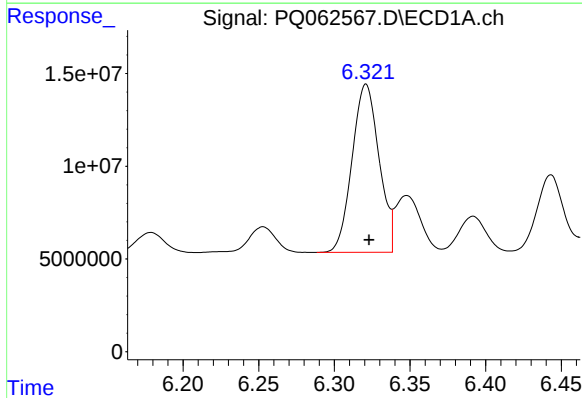
R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 92252019
Conc: 391.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



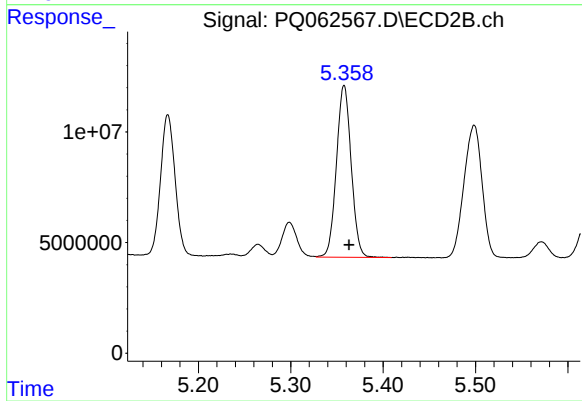
#31 AR-1260-1

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 70476302
Conc: 423.15 ng/ml



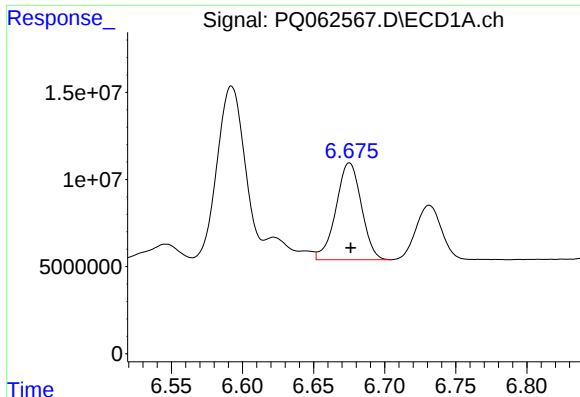
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 112245582
Conc: 388.65 ng/ml



#32 AR-1260-2

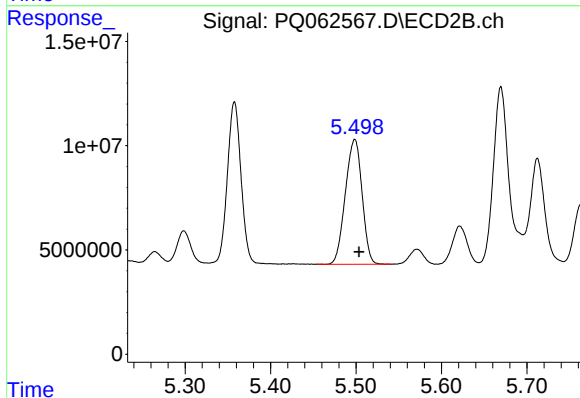
R.T.: 5.358 min
Delta R.T.: -0.005 min
Response: 86288253
Conc: 414.96 ng/ml



#33 AR-1260-3

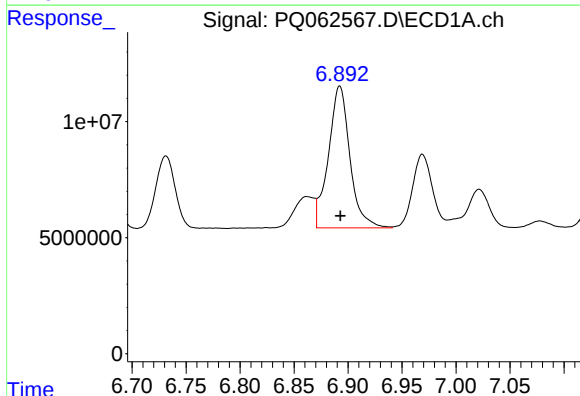
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 69281342
Conc: 392.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



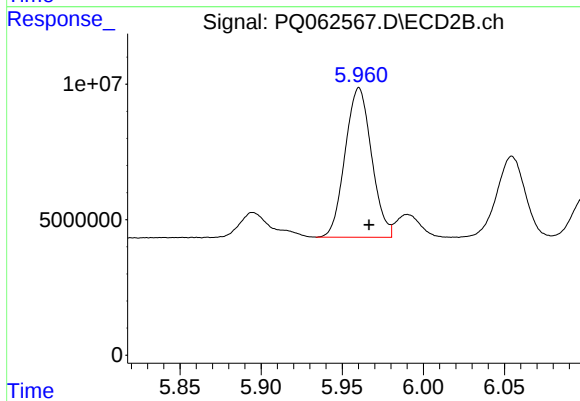
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 81583235
Conc: 419.32 ng/ml



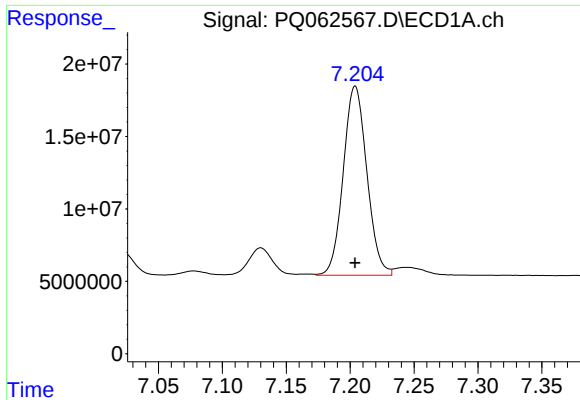
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 84483714
Conc: 401.06 ng/ml



#34 AR-1260-4

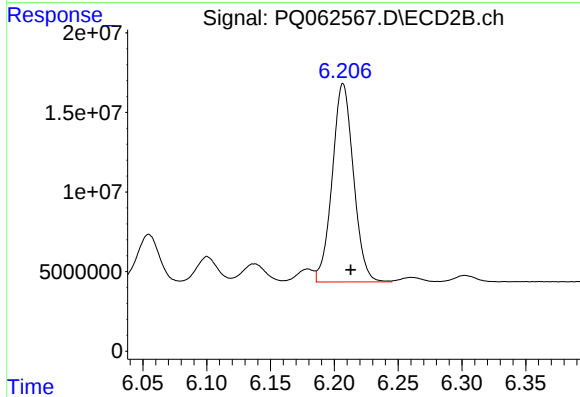
R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 62563301
Conc: 428.92 ng/ml



#35 AR-1260-5

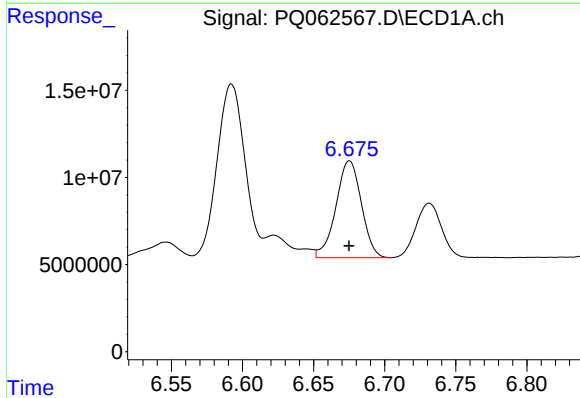
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 167931143
Conc: 408.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



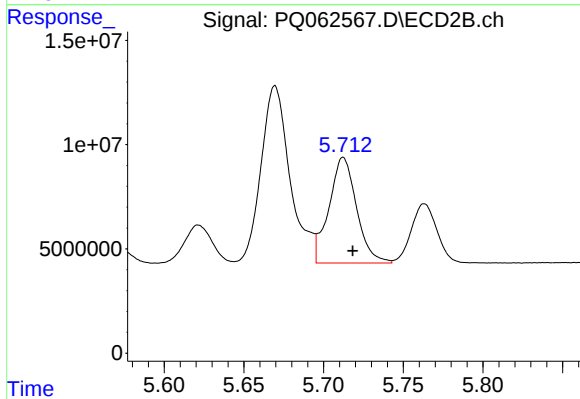
#35 AR-1260-5

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 144330313
Conc: 434.65 ng/ml



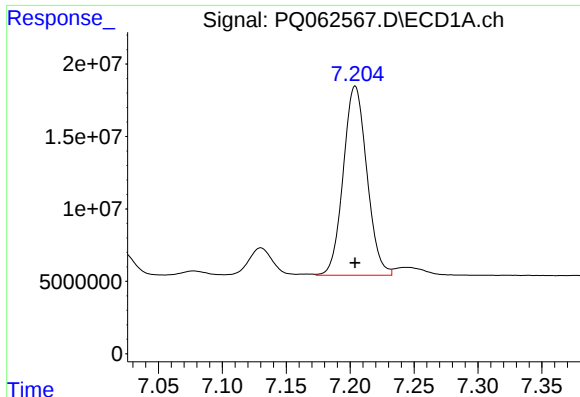
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 69281342
Conc: 227.20 ng/ml



#36 AR-1262-1

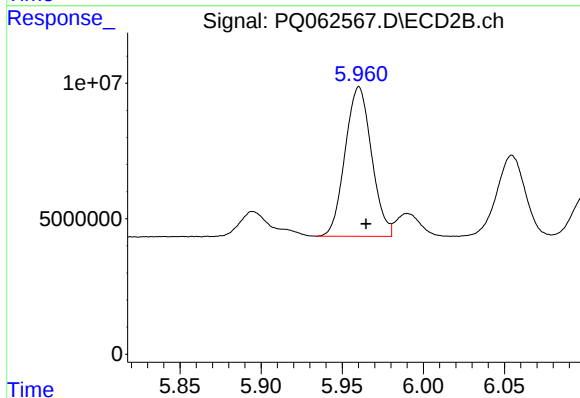
R.T.: 5.712 min
Delta R.T.: -0.006 min
Response: 61256297
Conc: 263.50 ng/ml



#37 AR-1262-2

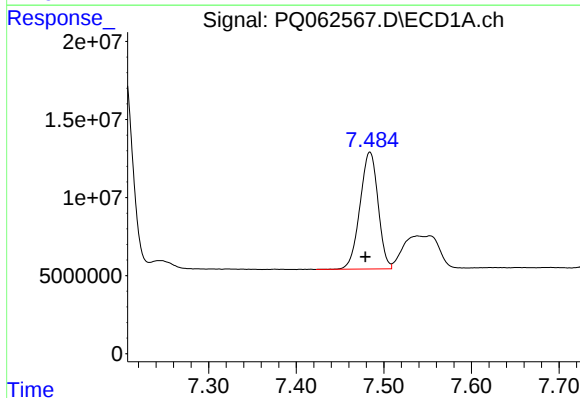
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 167931143
Conc: 318.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



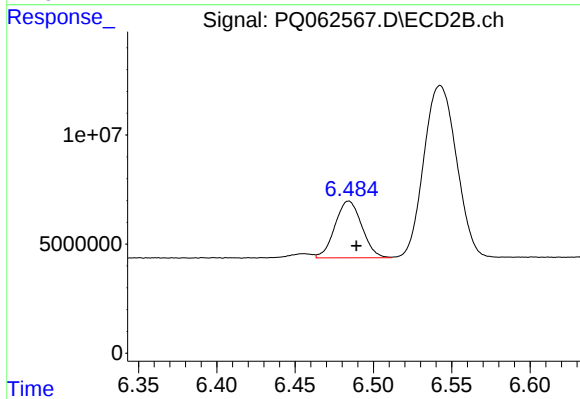
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: -0.004 min
Response: 62563301
Conc: 289.37 ng/ml



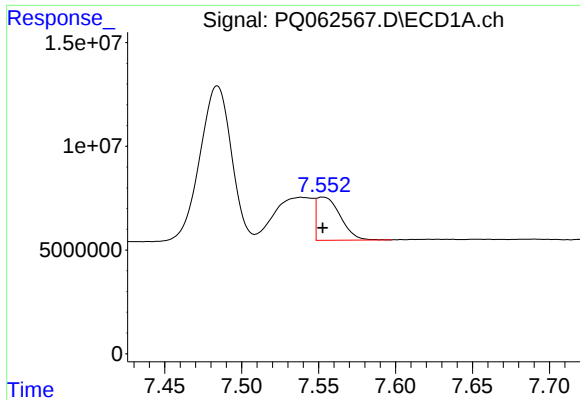
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 107011261
Conc: 303.75 ng/ml



#38 AR-1262-3

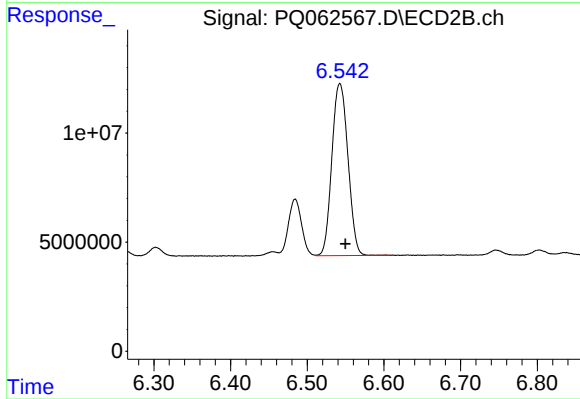
R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 31097672
Conc: 178.39 ng/ml



#39 AR-1262-4

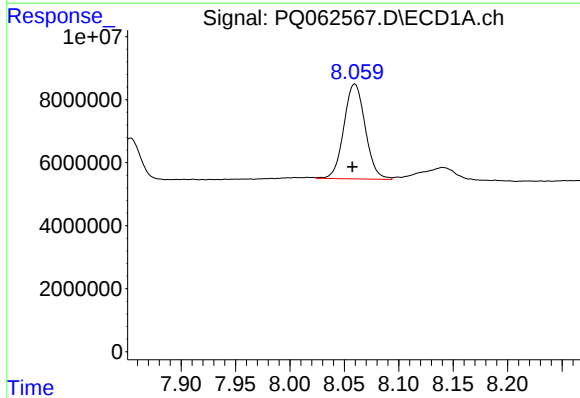
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 22233318
Conc: 83.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



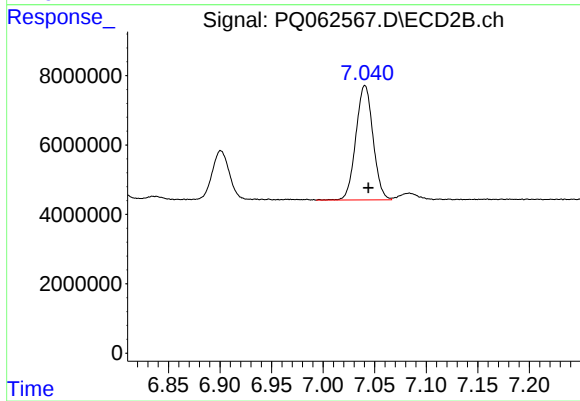
#39 AR-1262-4

R.T.: 6.543 min
Delta R.T.: -0.007 min
Response: 114963414
Conc: 356.70 ng/ml



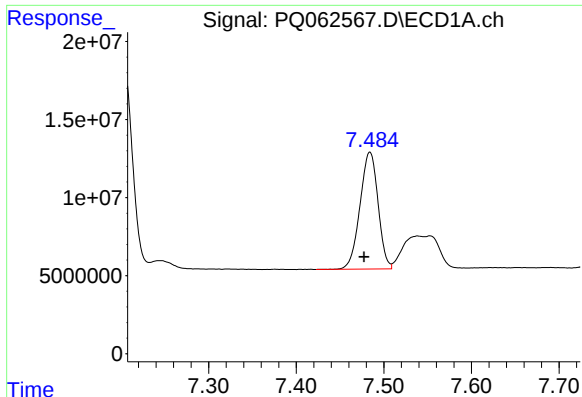
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 41251726
Conc: 232.39 ng/ml



#40 AR-1262-5

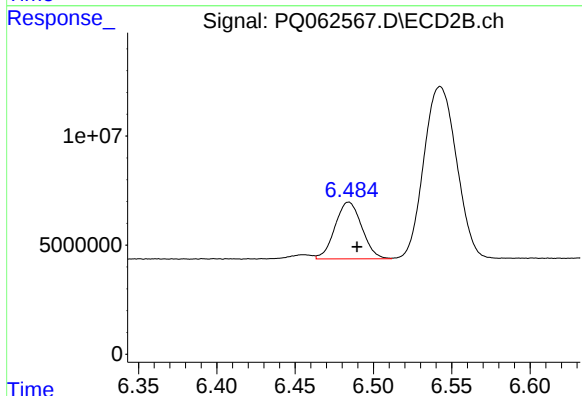
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 38250435
Conc: 246.59 ng/ml



#41 AR-1268-1

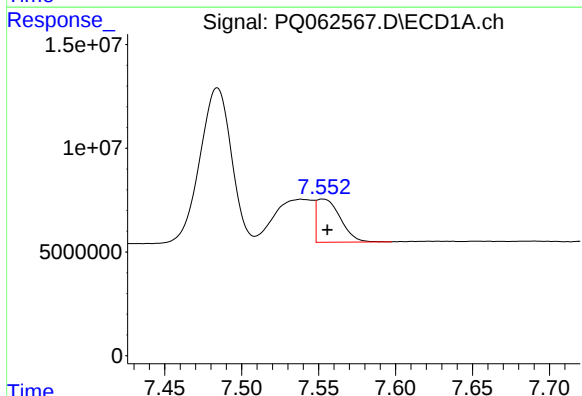
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 107011261
Conc: 188.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



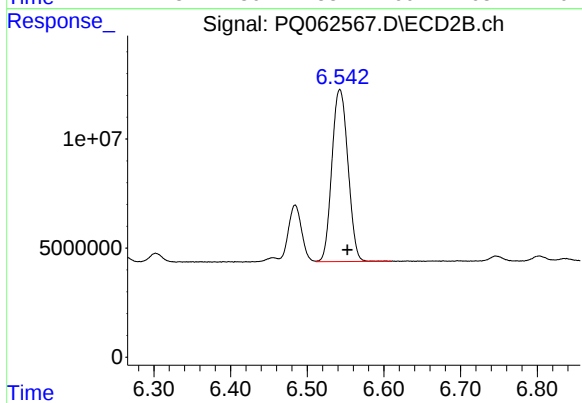
#41 AR-1268-1

R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 31097672
Conc: 66.09 ng/ml



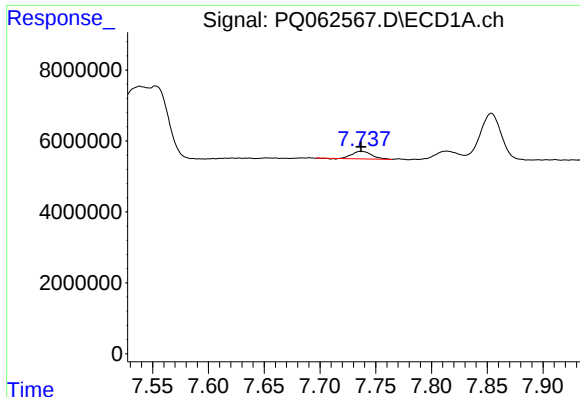
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 22233318
Conc: 43.61 ng/ml



#42 AR-1268-2

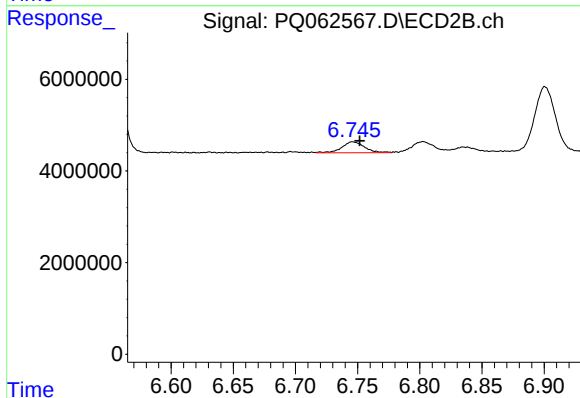
R.T.: 6.543 min
Delta R.T.: -0.010 min
Response: 114963414
Conc: 271.33 ng/ml



#43 AR-1268-3

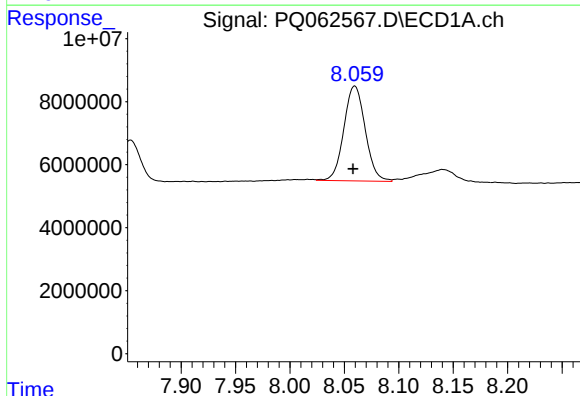
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 2626948
Conc: 6.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



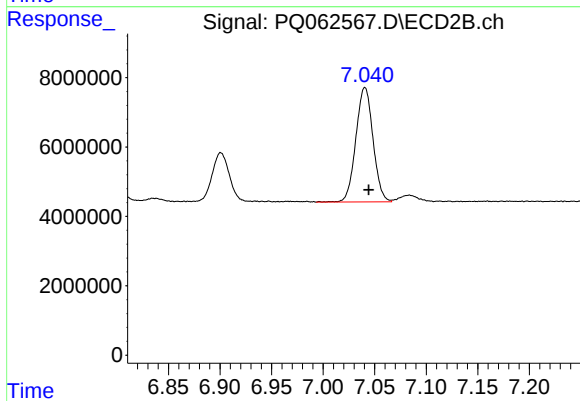
#43 AR-1268-3

R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 2987239
Conc: 8.11 ng/ml



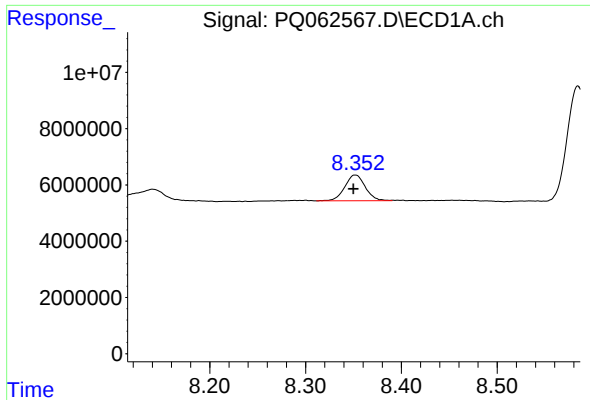
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 41251726
Conc: 225.44 ng/ml



#44 AR-1268-4

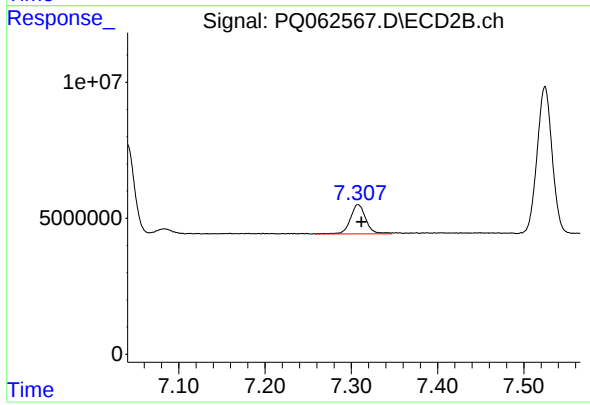
R.T.: 7.041 min
Delta R.T.: -0.004 min
Response: 38250435
Conc: 239.16 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 13525517
Conc: 10.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 13450250
Conc: 11.53 ng/ml