

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071123\
 Data File : PQ062092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 09:37
 Operator : YP\AJ
 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: Jul 11 21:24:15 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...	3.404	2.758	261.2E6	139.9E6	53.545	55.772
2)	SA Decachlor...	8.586	7.528	193.9E6	170.3E6	53.371	51.121
Target Compounds							
3)	L1 AR-1016-1	4.504	3.760	86452398	50804384	524.851	513.303
4)	L1 AR-1016-2	4.523	3.775	130.7E6	75140374	528.685	521.088
5)	L1 AR-1016-3	4.581	3.935	81011899	39513715	531.554	523.758
6)	L1 AR-1016-4	4.672	3.984	66110212	34730246	527.425	528.787
7)	L1 AR-1016-5	4.960	4.178	65980108	42279974	542.079	515.725
8)	L2 AR-1221-1	3.601	2.960	8839273	5333446	147.057	161.637
9)	L2 AR-1221-2	3.683	3.036	13376028	7582450	297.691	298.521
10)	L2 AR-1221-3	3.753	3.104	49627588	28589008	353.175	370.848
11)	L3 AR-1232-1	3.753	3.104	49627588	28589008	469.952	498.947
12)	L3 AR-1232-2	4.245	3.775	66577864	75140374	1125.555	1128.997
13)	L3 AR-1232-3	4.523	3.935	130.7E6	39513715	1156.052	1143.503
14)	L3 AR-1232-4	4.672	4.020	66110212	38067421	1166.656	1280.015
15)	L3 AR-1232-5	4.770	4.178	52371249	42279974	1307.647	1185.613
16)	L4 AR-1242-1	4.504	3.760	86452398	50804384	661.436	656.904
17)	L4 AR-1242-2	4.523	3.775	130.7E6	75140374	673.371	675.974
18)	L4 AR-1242-3	4.581	3.935	81011899	39513715	670.383	674.571
19)	L4 AR-1242-4	4.672	4.020	66110212	38067421	678.153	649.302
20)	L4 AR-1242-5	5.391	4.514	3647036	34498601	38.097	416.184 #
21)	L5 AR-1248-1	4.504	3.760	86452398	50804384	831.444	812.605
22)	L5 AR-1248-2	4.770	3.984	52371249	34730246	364.545	370.382
23)	L5 AR-1248-3	4.960	4.020	65980108	38067421	379.823	420.431
24)	L5 AR-1248-4	5.353	4.178	10719645	42279974	55.852	374.691 #
25)	L5 AR-1248-5	5.391	4.553	3647036	5035990	20.136	44.951 #
26)	L6 AR-1254-1	5.326	4.514	52649012	34498601	283.331	213.663
27)	L6 AR-1254-2	5.544	4.661	57133585	34022709	196.529	231.094
28)	L6 AR-1254-3	5.897	5.043	33324033	17856846	108.498	76.409 #
29)	L6 AR-1254-4	6.180	5.269	24532924	6791693	105.657	44.561 #
30)	L6 AR-1254-5	6.594	5.674	179.2E6	131.6E6	697.804	570.152
31)	L7 AR-1260-1	6.061	5.171	126.6E6	88036700	536.418	528.580
32)	L7 AR-1260-2	6.322	5.362	152.8E6	106.0E6	528.940	509.795
33)	L7 AR-1260-3	6.676	5.503	93762949	99448702	531.005	511.150
34)	L7 AR-1260-4	6.894	5.964	110.7E6	75549396	525.506	517.953
35)	L7 AR-1260-5	7.205	6.211	216.9E6	169.6E6	528.268	510.745
36)	L8 AR-1262-1	6.676	5.717	93762949	76310441	307.478	328.257
37)	L8 AR-1262-2	7.205	5.964	216.9E6	75549396	411.821	349.430
38)	L8 AR-1262-3	7.483	6.488	139.0E6	36212638	394.575	207.727 #
39)	L8 AR-1262-4	7.553	6.546	33843196	131.7E6	126.887	408.579 #
40)	L8 AR-1262-5	8.061	7.043	50420304	43979093	284.044	283.526
41)	L9 AR-1268-1	7.483	6.488	139.0E6	36212638	244.961	76.960 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

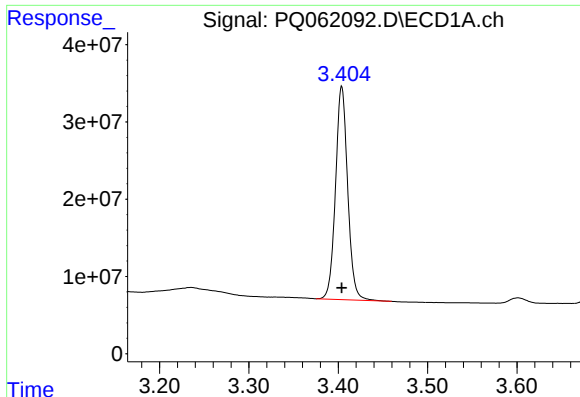
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 21:24:15 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	6.546	33843196	131.7E6	66.376	310.791 #
43) L9	AR-1268-3	7.737	6.751	4188044	3635619	9.813	9.871
44) L9	AR-1268-4	8.061	7.043	50420304	43979093	275.543	274.979
45) L9	AR-1268-5	8.353	7.311	16554401	15057451	13.131	12.903

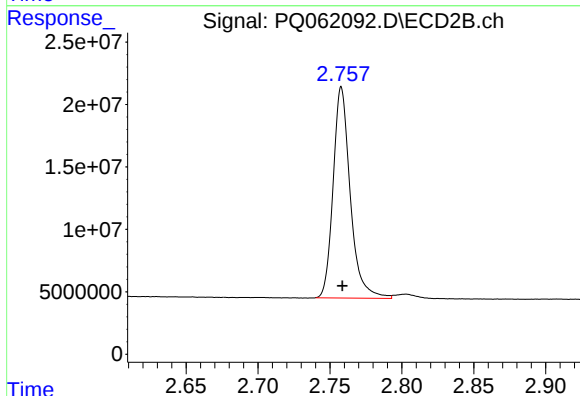
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

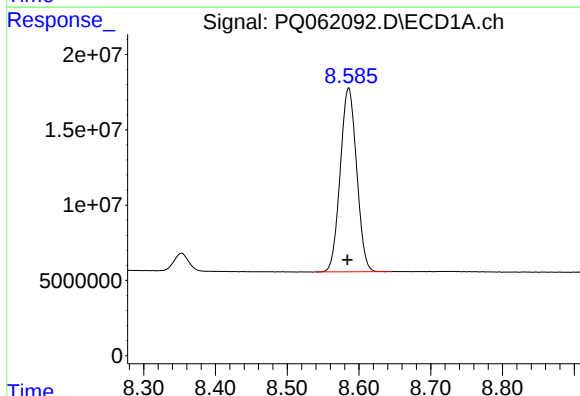
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 261201561
Conc: 53.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



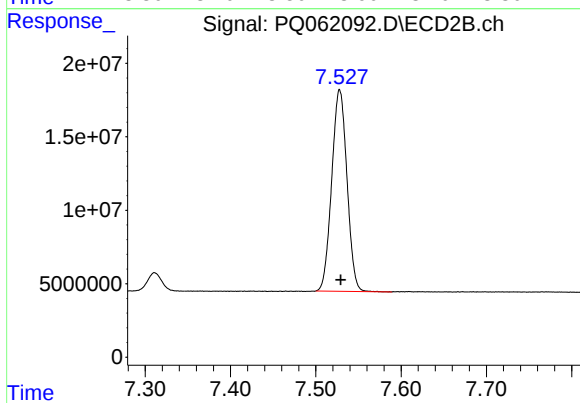
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 139938313
Conc: 55.77 ng/ml



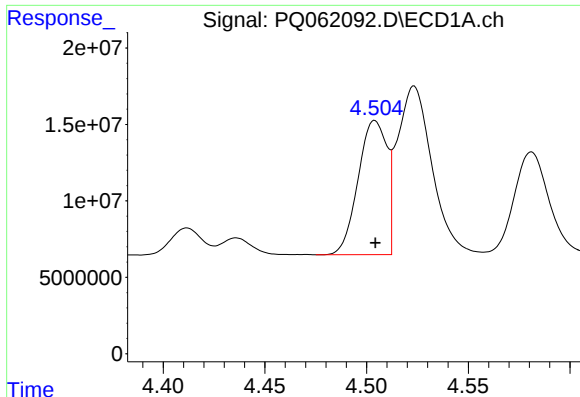
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 193882227
Conc: 53.37 ng/ml



#2 Decachlorobiphenyl

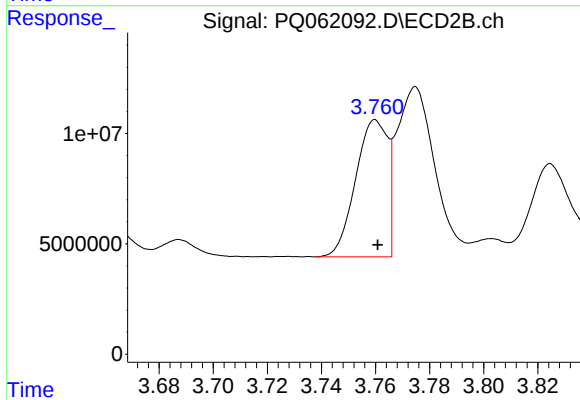
R.T.: 7.528 min
Delta R.T.: -0.001 min
Response: 170343683
Conc: 51.12 ng/ml



#3 AR-1016-1

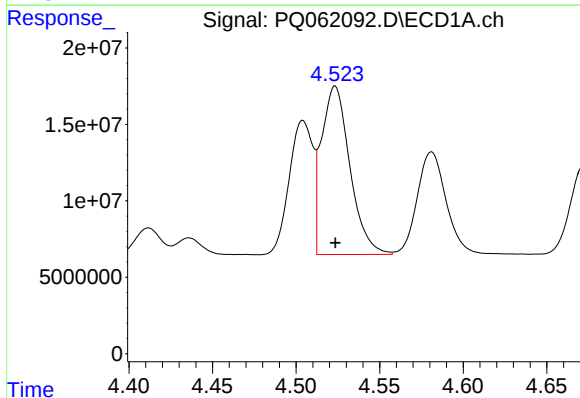
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 86452398
Conc: 524.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



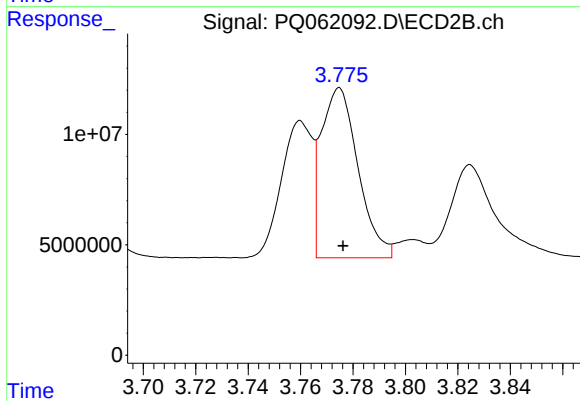
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50804384
Conc: 513.30 ng/ml



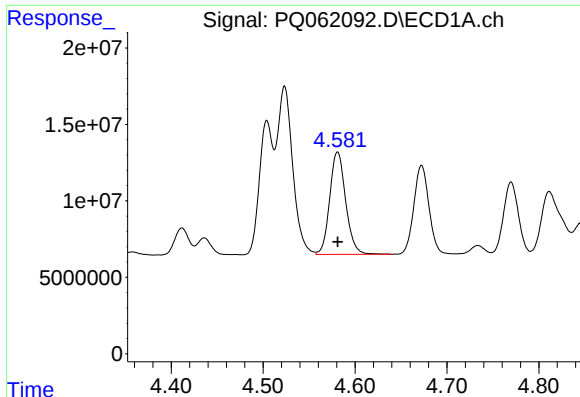
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 130727059
Conc: 528.68 ng/ml



#4 AR-1016-2

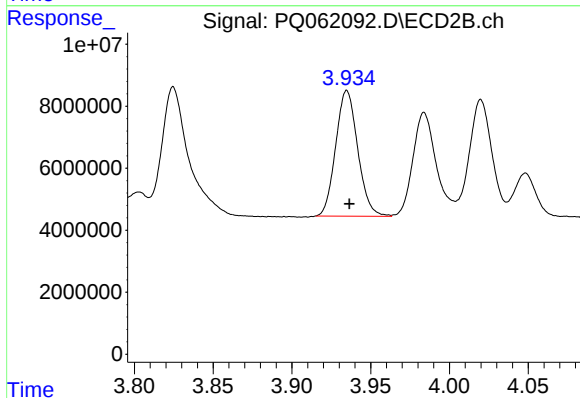
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 75140374
Conc: 521.09 ng/ml



#5 AR-1016-3

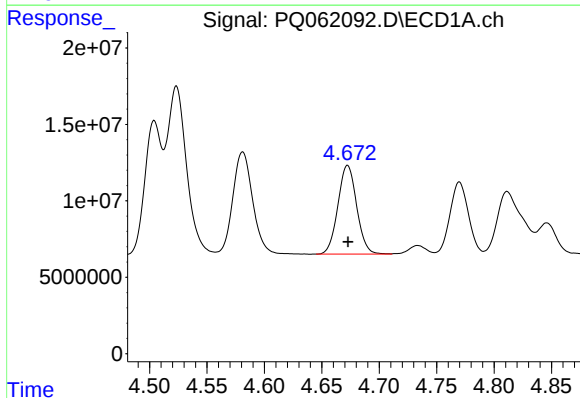
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 81011899
Conc: 531.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



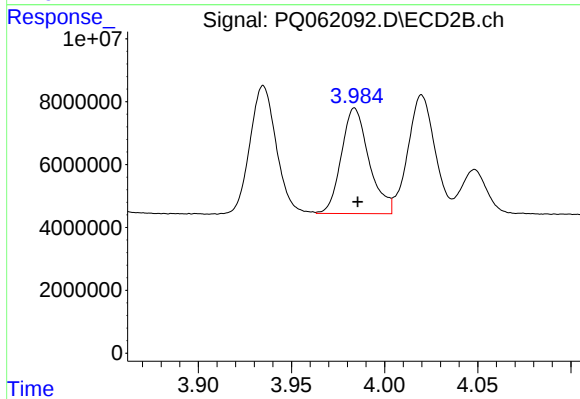
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 39513715
Conc: 523.76 ng/ml



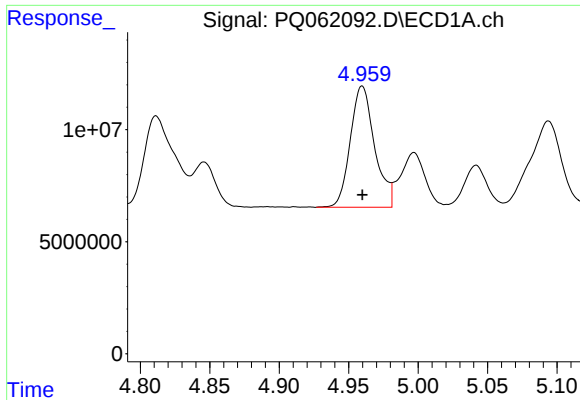
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 66110212
Conc: 527.42 ng/ml



#6 AR-1016-4

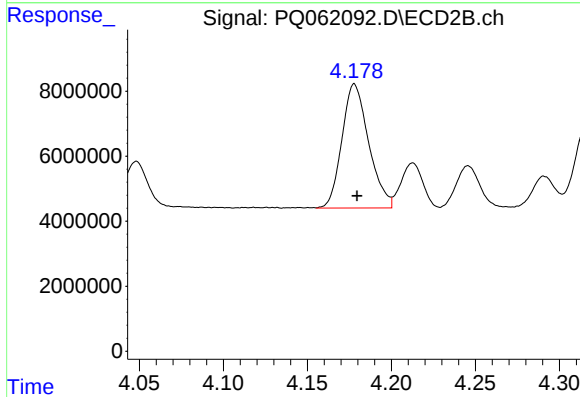
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 34730246
Conc: 528.79 ng/ml



#7 AR-1016-5

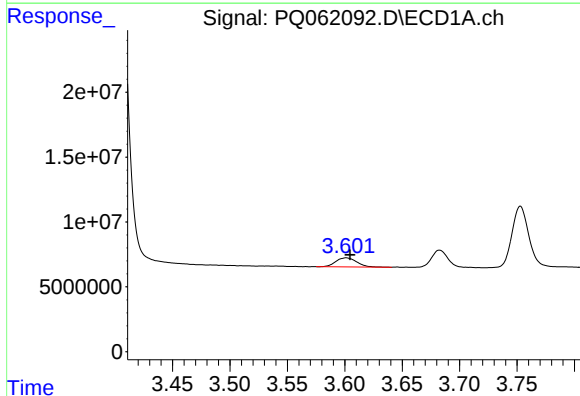
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 65980108
Conc: 542.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



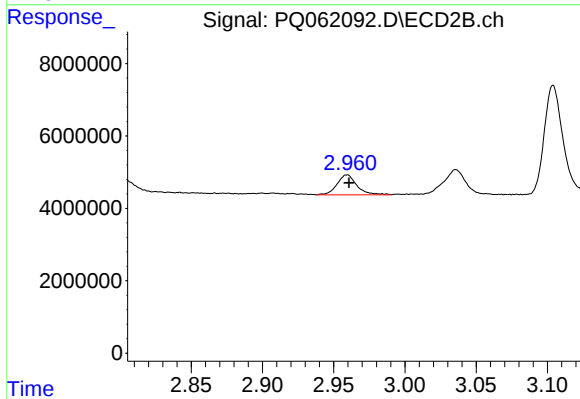
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 42279974
Conc: 515.73 ng/ml



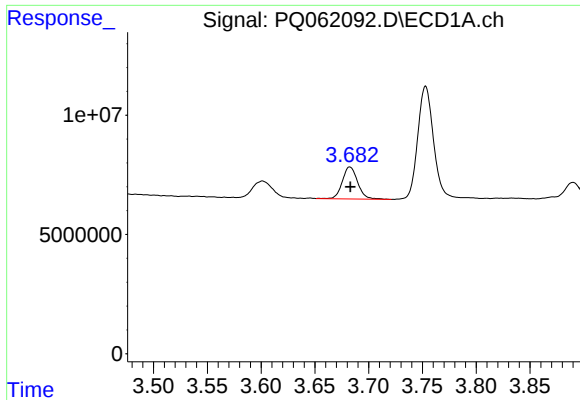
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8839273
Conc: 147.06 ng/ml



#8 AR-1221-1

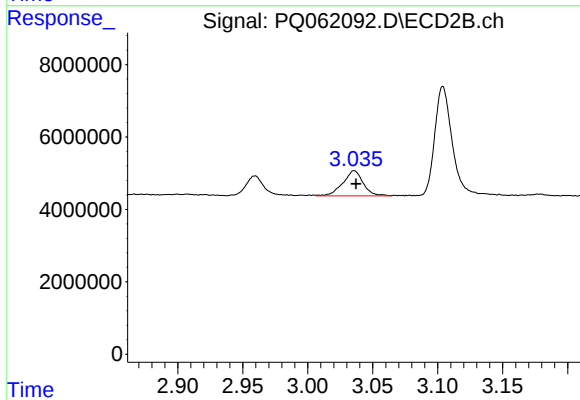
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 5333446
Conc: 161.64 ng/ml



#9 AR-1221-2

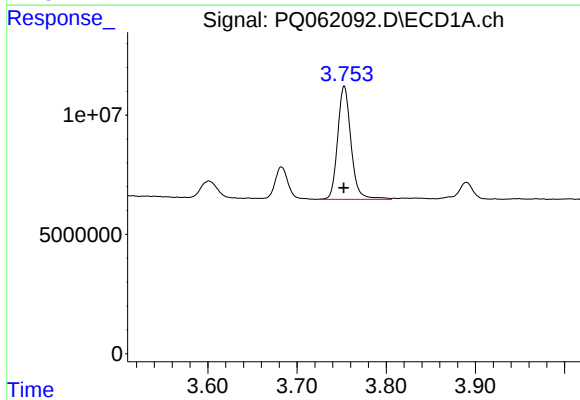
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 13376028
Conc: 297.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



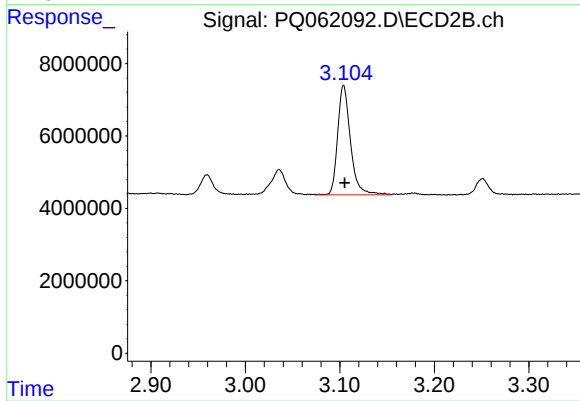
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: -0.001 min
Response: 7582450
Conc: 298.52 ng/ml



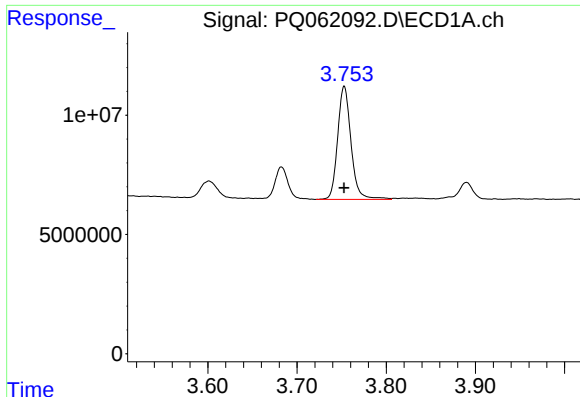
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 49627588
Conc: 353.18 ng/ml



#10 AR-1221-3

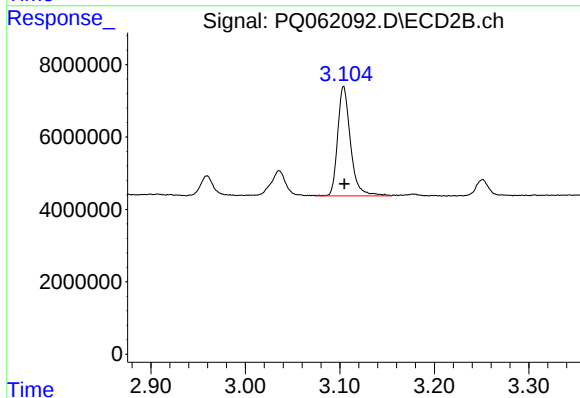
R.T.: 3.104 min
Delta R.T.: -0.001 min
Response: 28589008
Conc: 370.85 ng/ml



#11 AR-1232-1

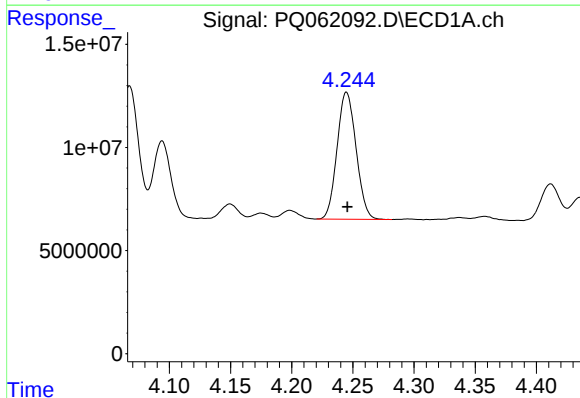
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 49627588
Conc: 469.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



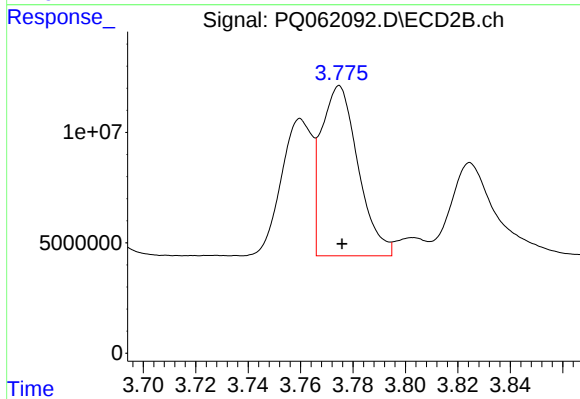
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 28589008
Conc: 498.95 ng/ml



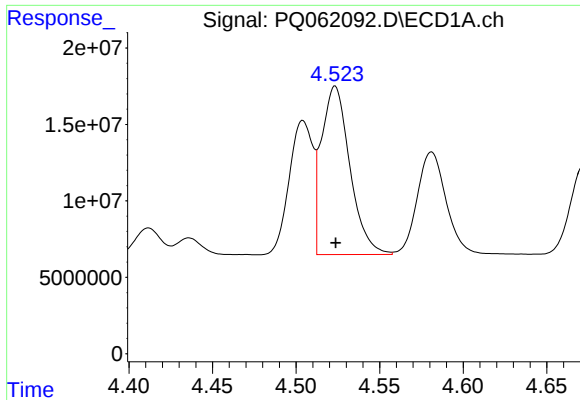
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 66577864
Conc: 1125.56 ng/ml



#12 AR-1232-2

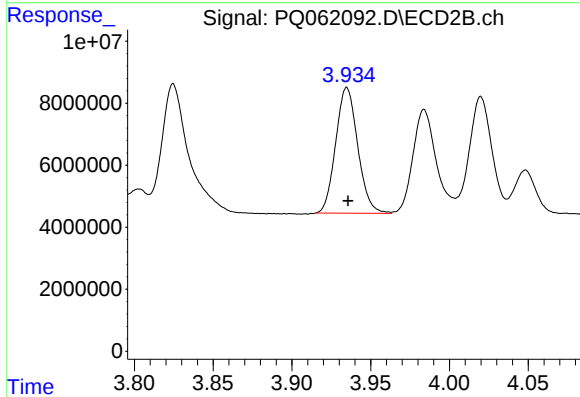
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 75140374
Conc: 1129.00 ng/ml



#13 AR-1232-3

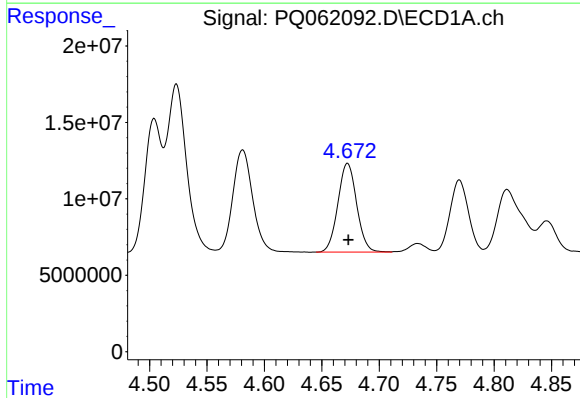
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 130727059
Conc: 1156.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



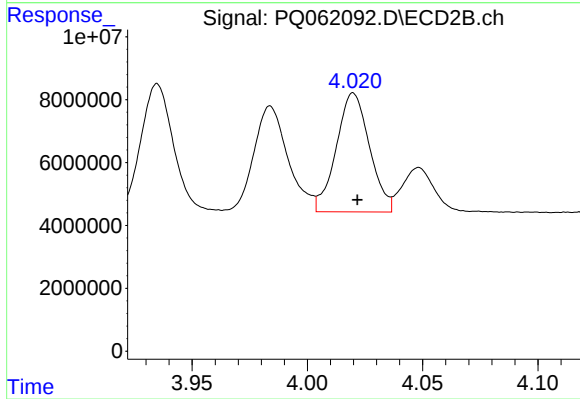
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 39513715
Conc: 1143.50 ng/ml



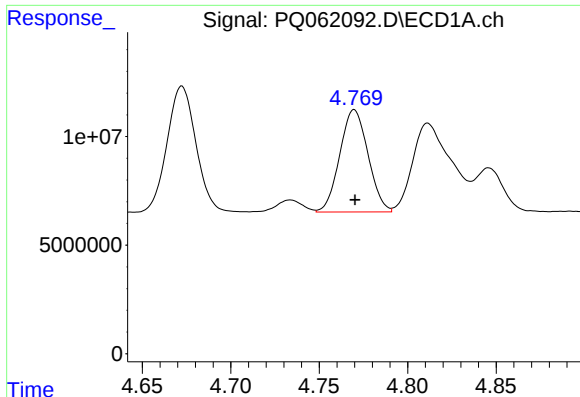
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 66110212
Conc: 1166.66 ng/ml



#14 AR-1232-4

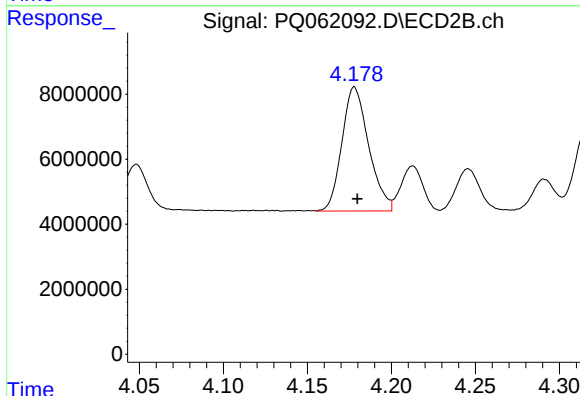
R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 38067421
Conc: 1280.02 ng/ml



#15 AR-1232-5

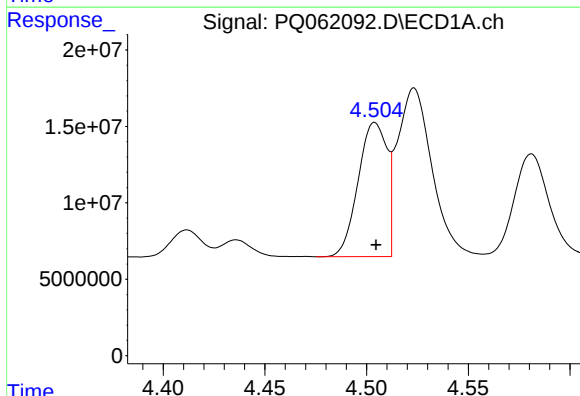
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 52371249
Conc: 1307.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



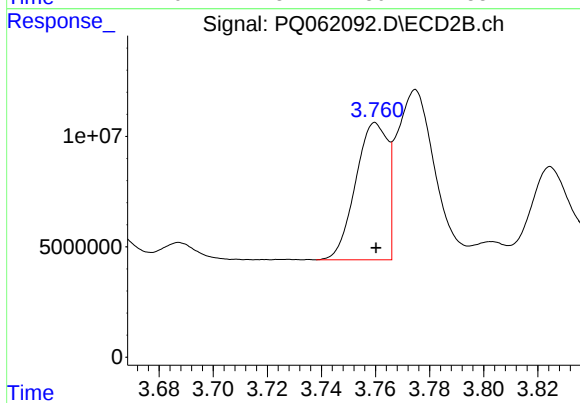
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 42279974
Conc: 1185.61 ng/ml



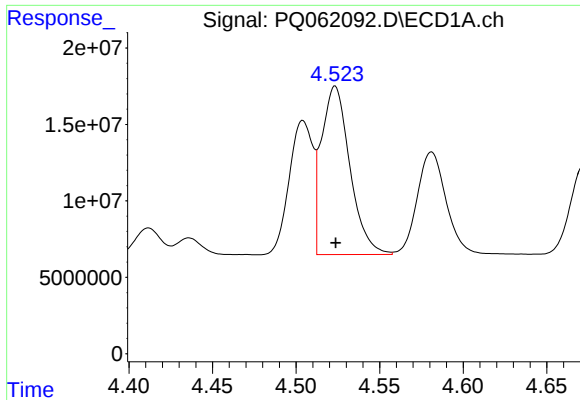
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 86452398
Conc: 661.44 ng/ml



#16 AR-1242-1

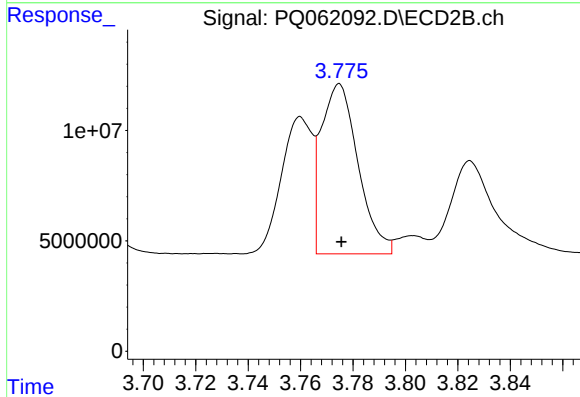
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50804384
Conc: 656.90 ng/ml



#17 AR-1242-2

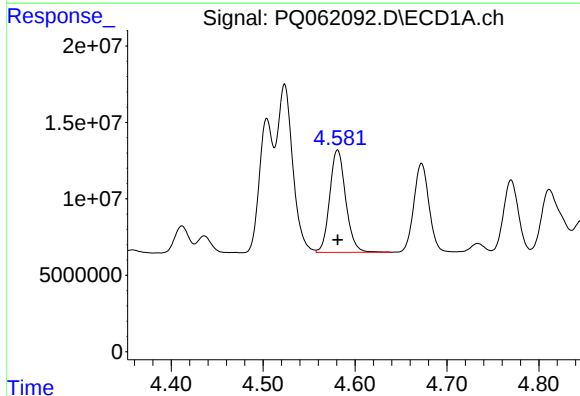
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 130727059
Conc: 673.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



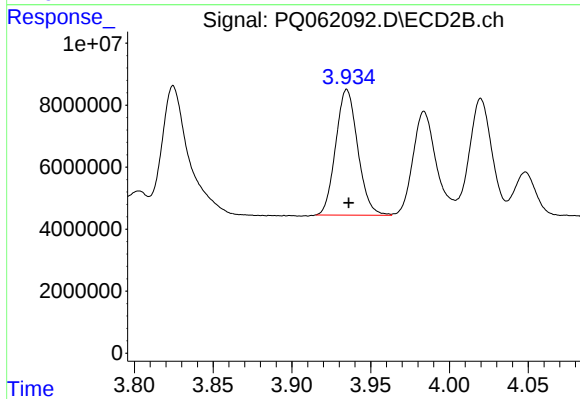
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 75140374
Conc: 675.97 ng/ml



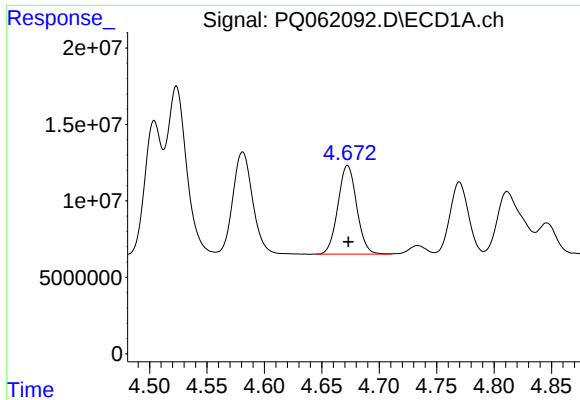
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 81011899
Conc: 670.38 ng/ml



#18 AR-1242-3

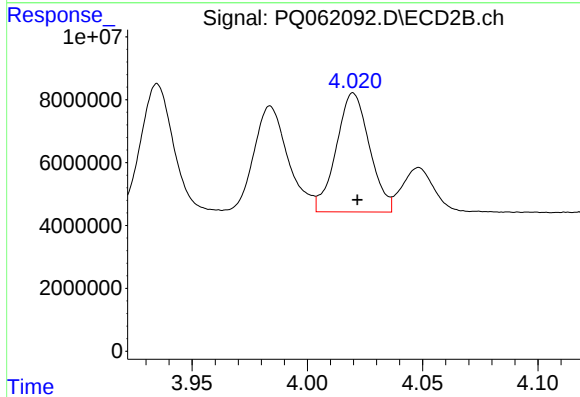
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 39513715
Conc: 674.57 ng/ml



#19 AR-1242-4

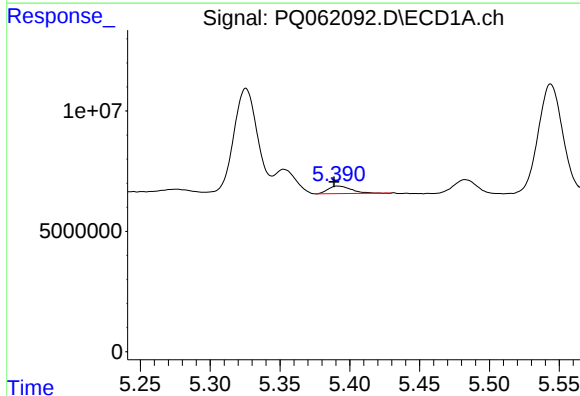
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 66110212
Conc: 678.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



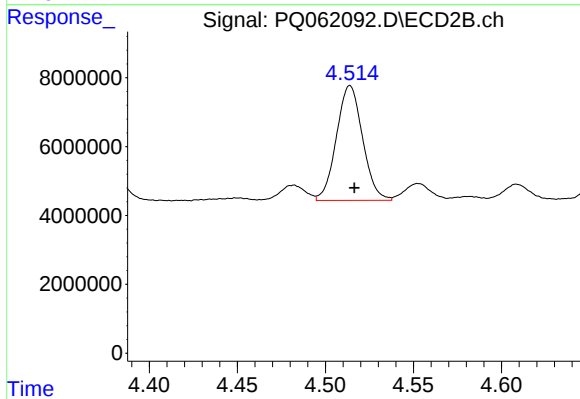
#19 AR-1242-4

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 38067421
Conc: 649.30 ng/ml



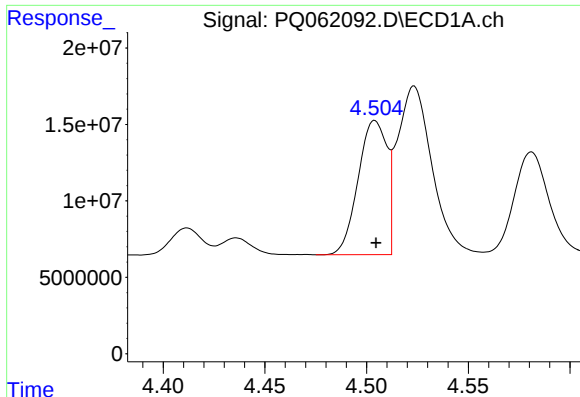
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 3647036
Conc: 38.10 ng/ml



#20 AR-1242-5

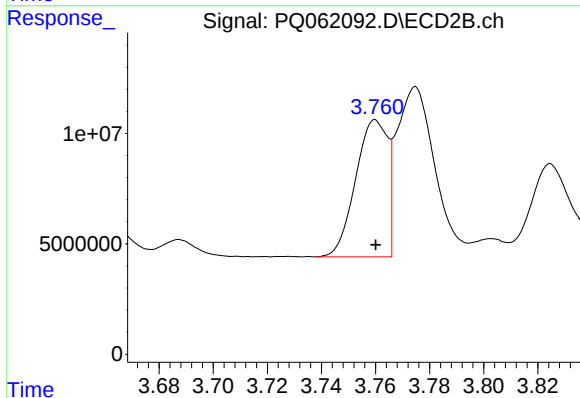
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 34498601
Conc: 416.18 ng/ml



#21 AR-1248-1

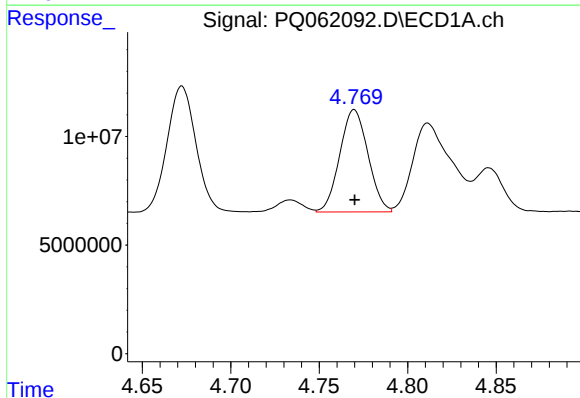
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 86452398
Conc: 831.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



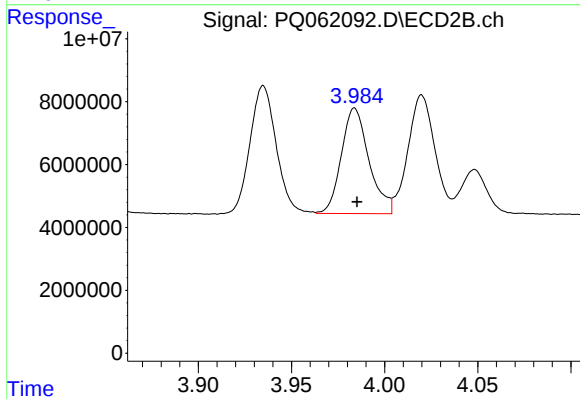
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 50804384
Conc: 812.61 ng/ml



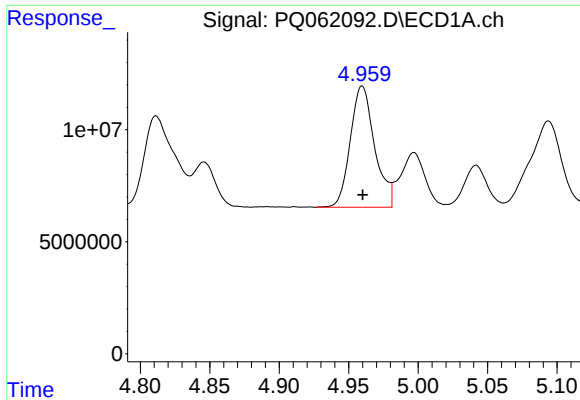
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 52371249
Conc: 364.54 ng/ml



#22 AR-1248-2

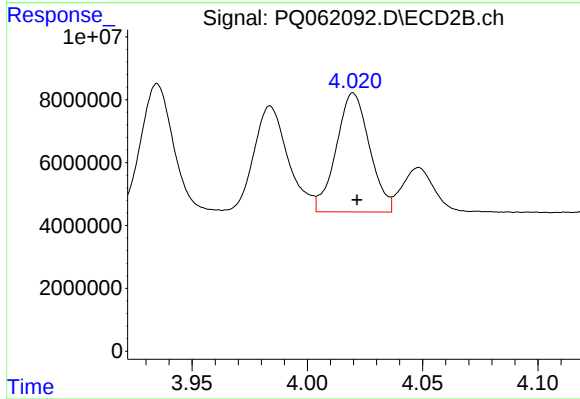
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 34730246
Conc: 370.38 ng/ml



#23 AR-1248-3

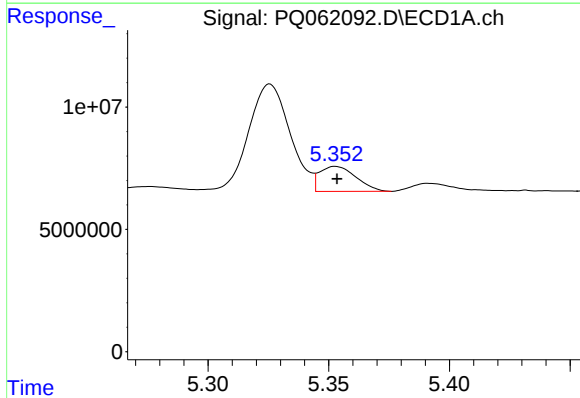
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 65980108
Conc: 379.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



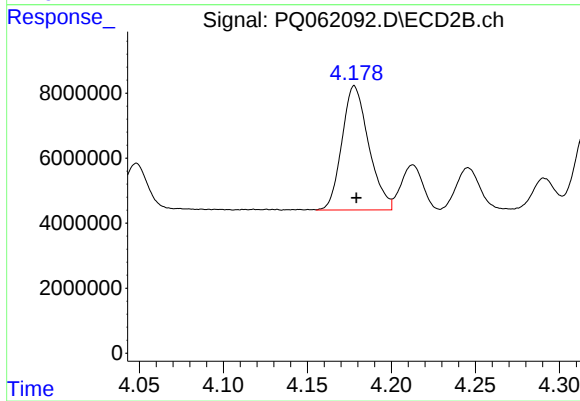
#23 AR-1248-3

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 38067421
Conc: 420.43 ng/ml



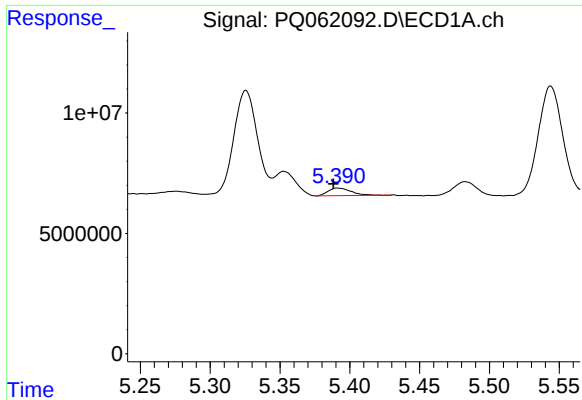
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 10719645
Conc: 55.85 ng/ml



#24 AR-1248-4

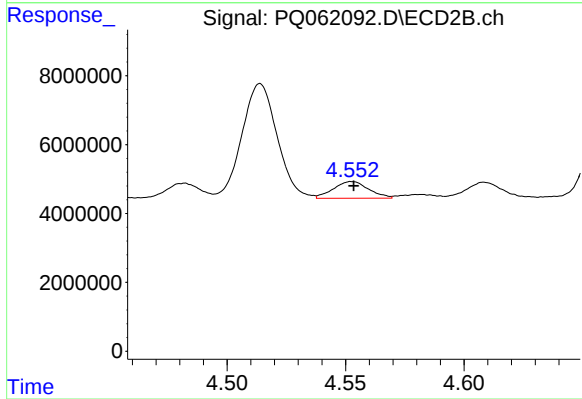
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 42279974
Conc: 374.69 ng/ml



#25 AR-1248-5

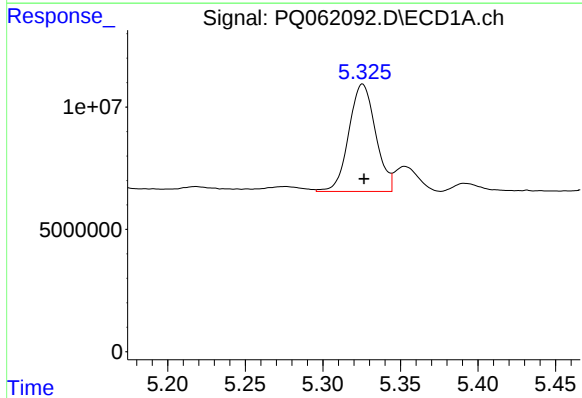
R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 3647036
Conc: 20.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



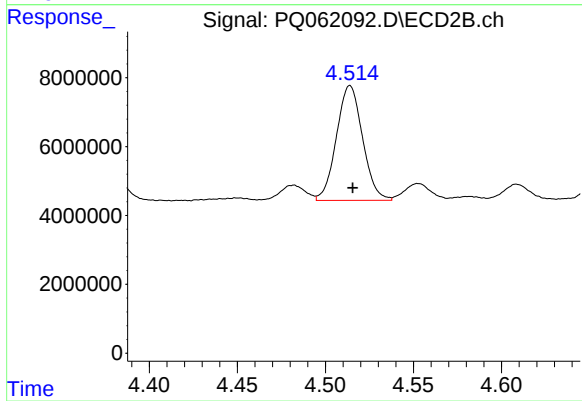
#25 AR-1248-5

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 5035990
Conc: 44.95 ng/ml



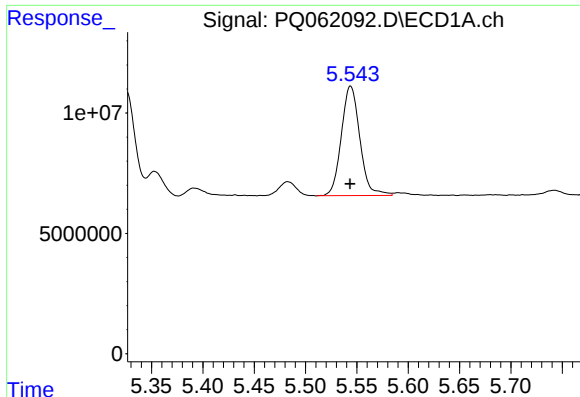
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 52649012
Conc: 283.33 ng/ml



#26 AR-1254-1

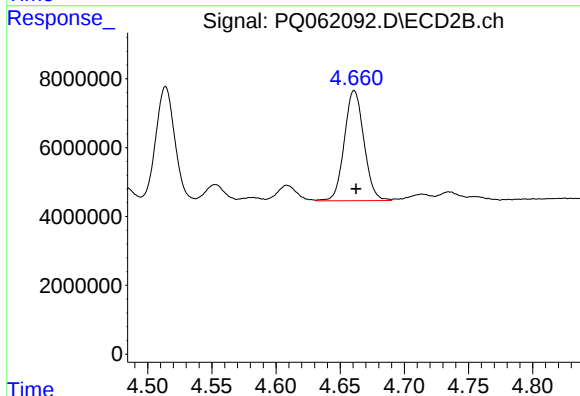
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 34498601
Conc: 213.66 ng/ml



#27 AR-1254-2

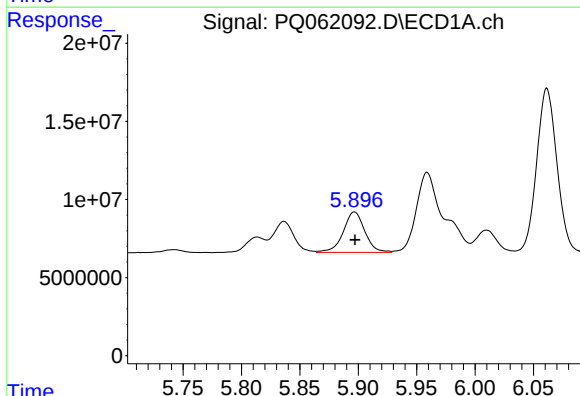
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 57133585
Conc: 196.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



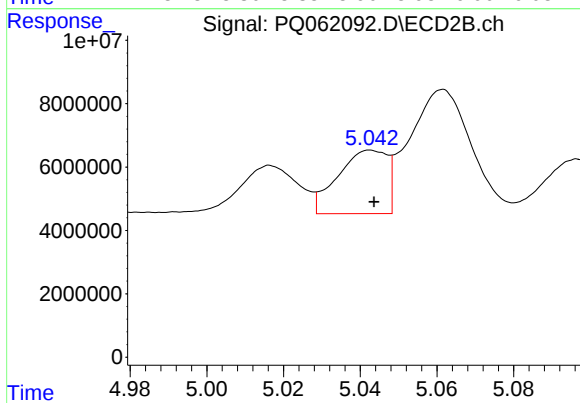
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 34022709
Conc: 231.09 ng/ml



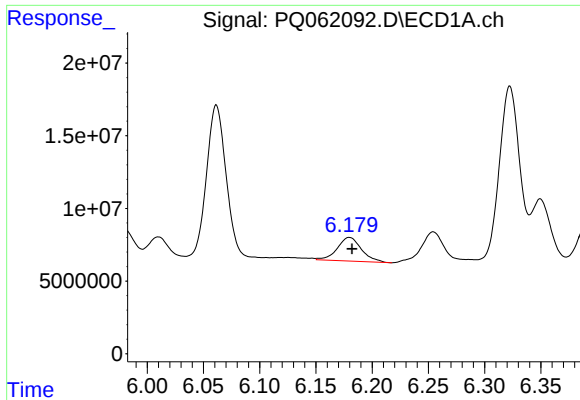
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 33324033
Conc: 108.50 ng/ml



#28 AR-1254-3

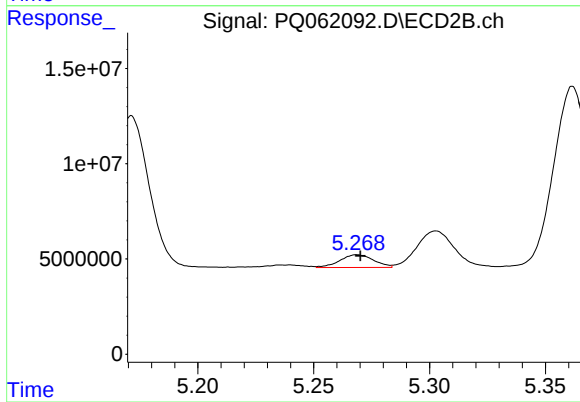
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 17856846
Conc: 76.41 ng/ml



#29 AR-1254-4

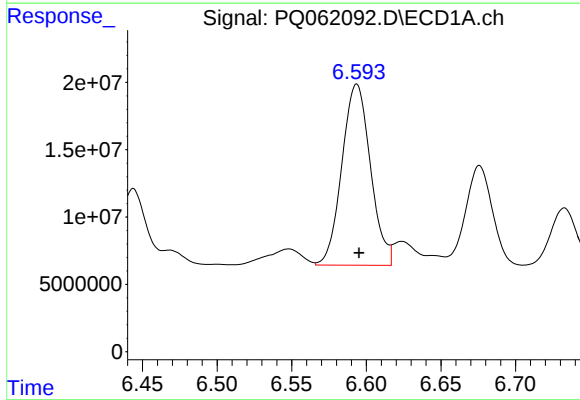
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 24532924
Conc: 105.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



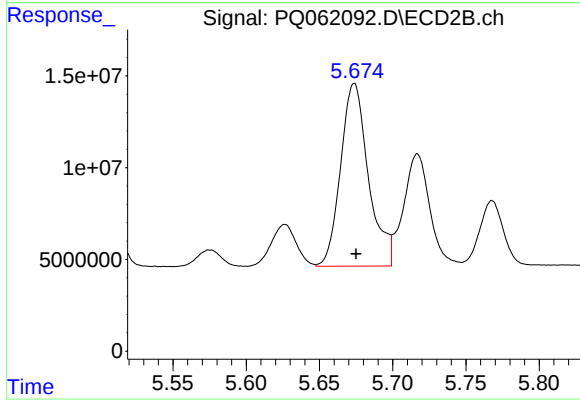
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 6791693
Conc: 44.56 ng/ml



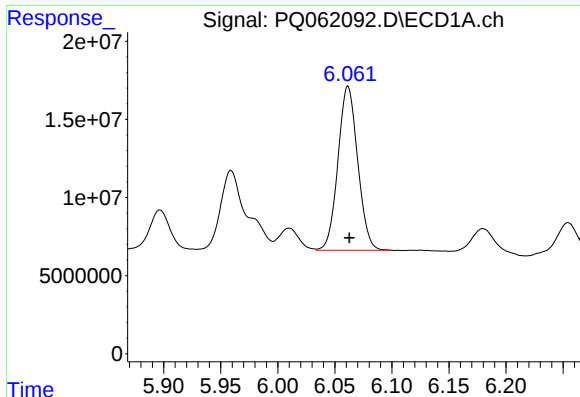
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 179244958
Conc: 697.80 ng/ml



#30 AR-1254-5

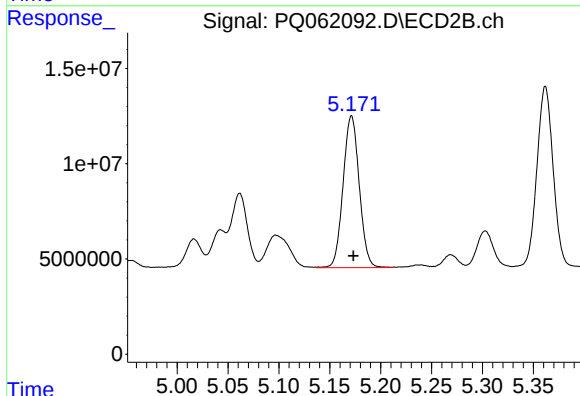
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 131589113
Conc: 570.15 ng/ml



#31 AR-1260-1

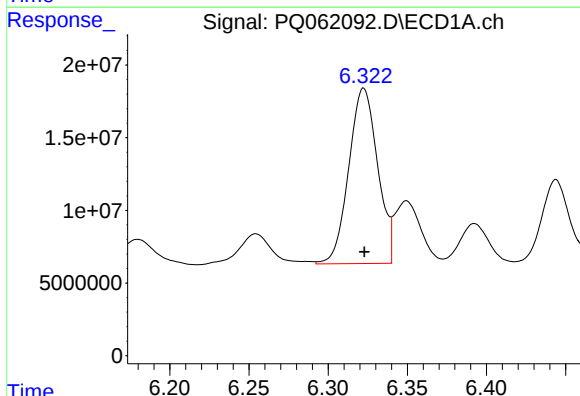
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 126558003
Conc: 536.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



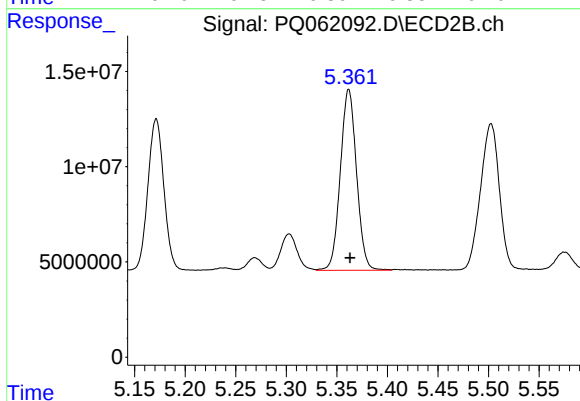
#31 AR-1260-1

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 88036700
Conc: 528.58 ng/ml



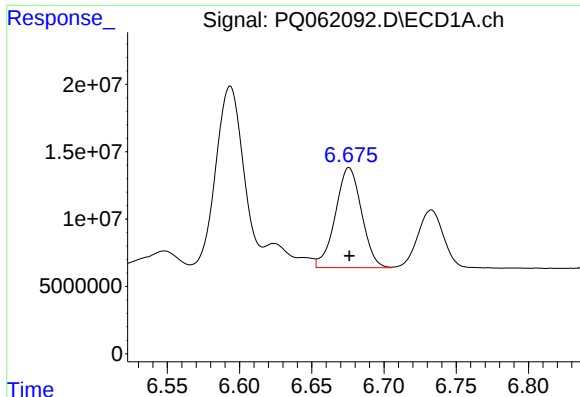
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 152764518
Conc: 528.94 ng/ml



#32 AR-1260-2

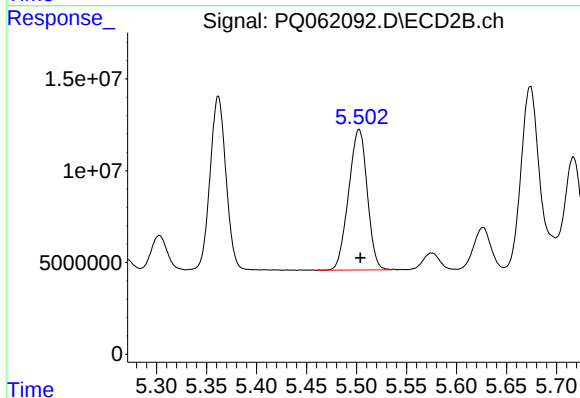
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 106009853
Conc: 509.80 ng/ml



#33 AR-1260-3

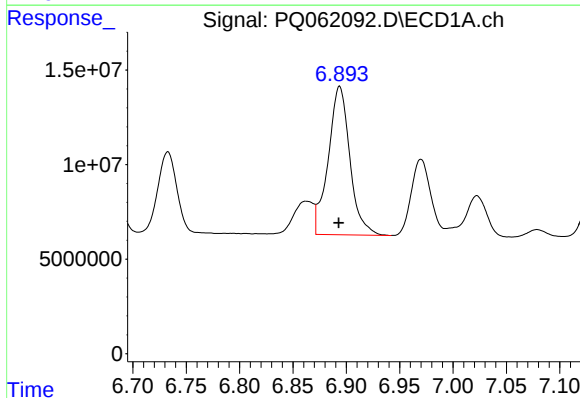
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 93762949
Conc: 531.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



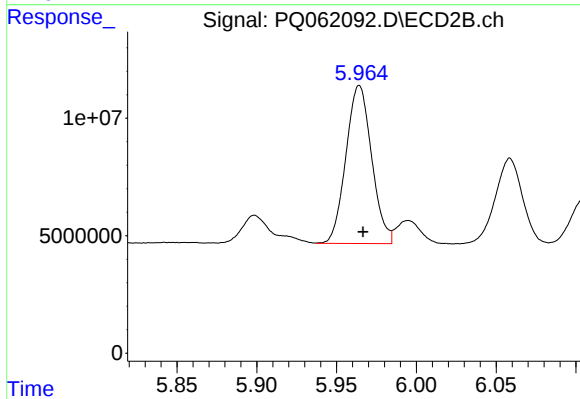
#33 AR-1260-3

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 99448702
Conc: 511.15 ng/ml



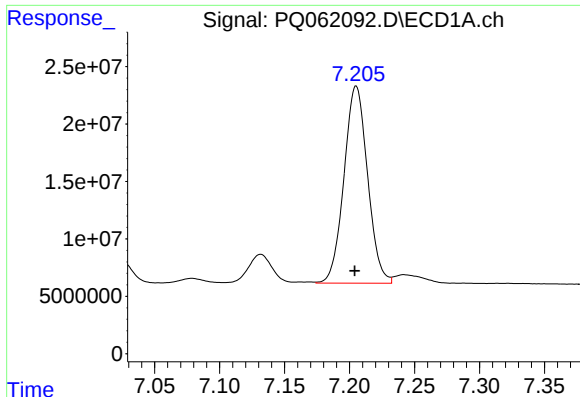
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 110697663
Conc: 525.51 ng/ml



#34 AR-1260-4

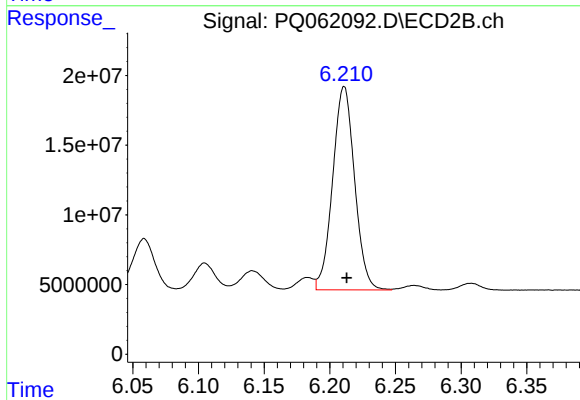
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 75549396
Conc: 517.95 ng/ml



#35 AR-1260-5

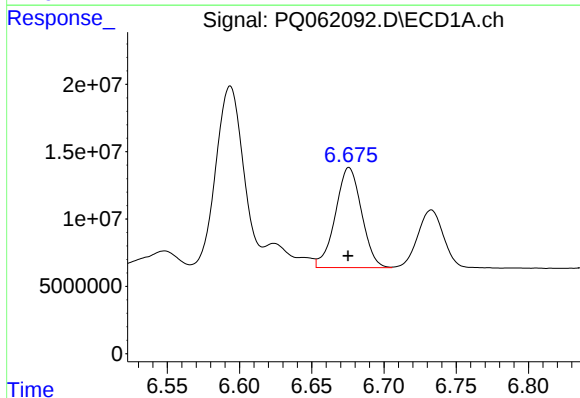
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 216911539
Conc: 528.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



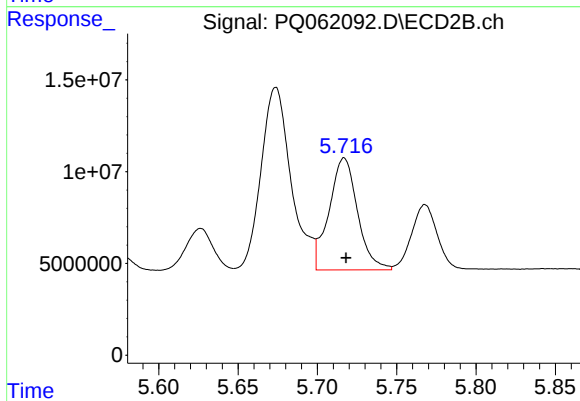
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 169597617
Conc: 510.75 ng/ml



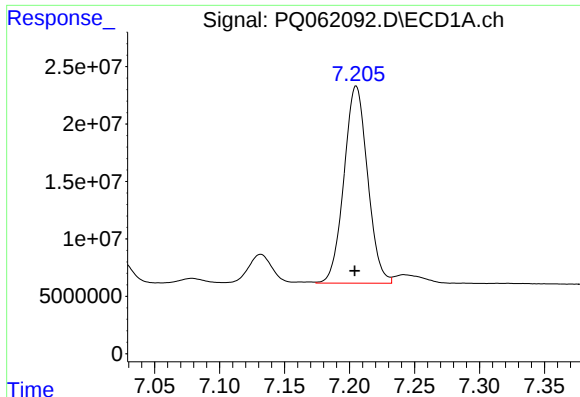
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 93762949
Conc: 307.48 ng/ml



#36 AR-1262-1

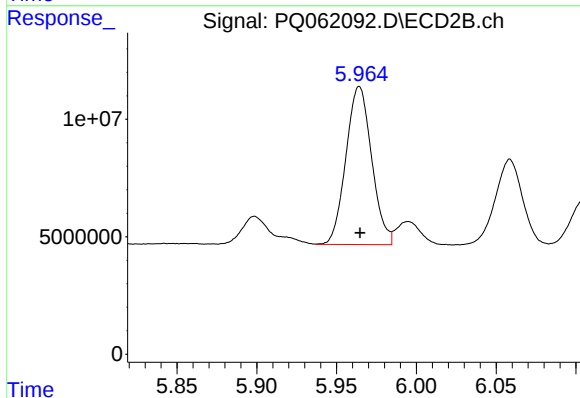
R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 76310441
Conc: 328.26 ng/ml



#37 AR-1262-2

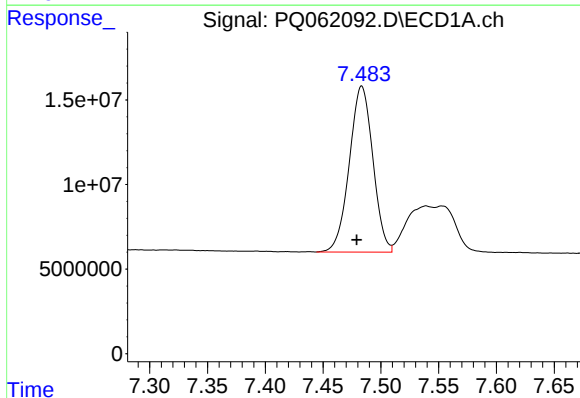
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 216911539
Conc: 411.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



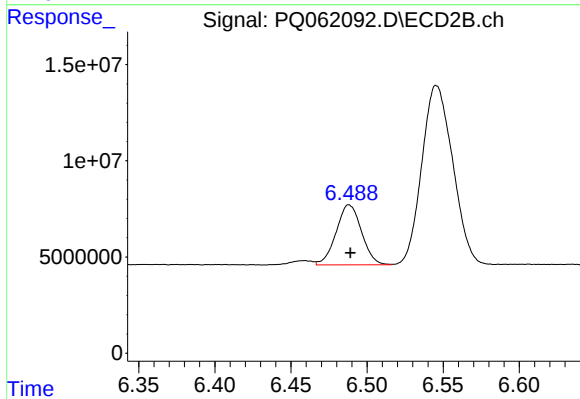
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 75549396
Conc: 349.43 ng/ml



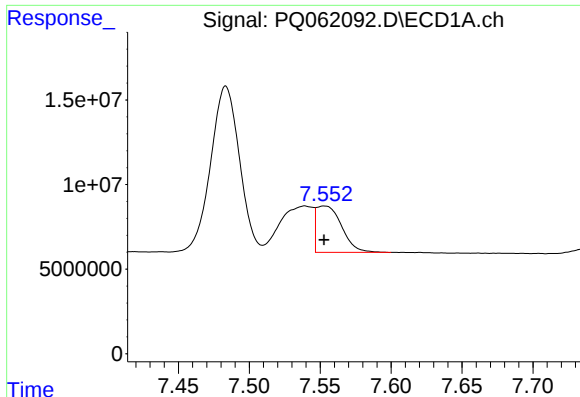
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 139010073
Conc: 394.58 ng/ml



#38 AR-1262-3

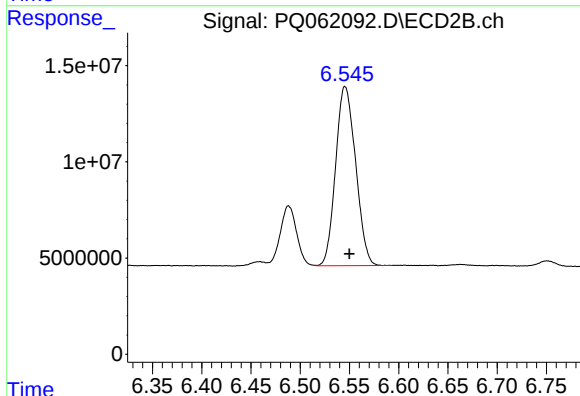
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 36212638
Conc: 207.73 ng/ml



#39 AR-1262-4

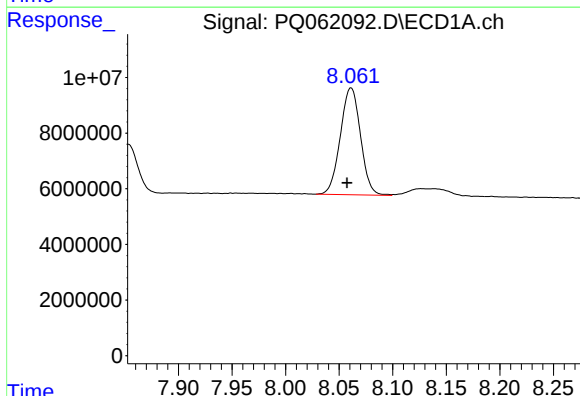
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 33843196
Conc: 126.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



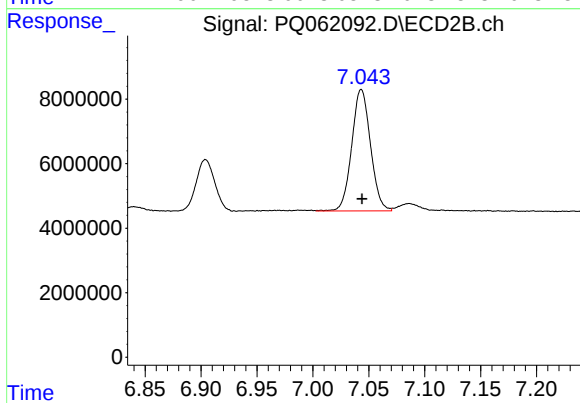
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 131682669
Conc: 408.58 ng/ml



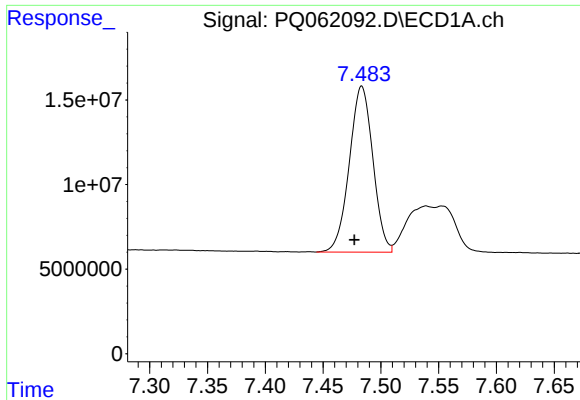
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 50420304
Conc: 284.04 ng/ml



#40 AR-1262-5

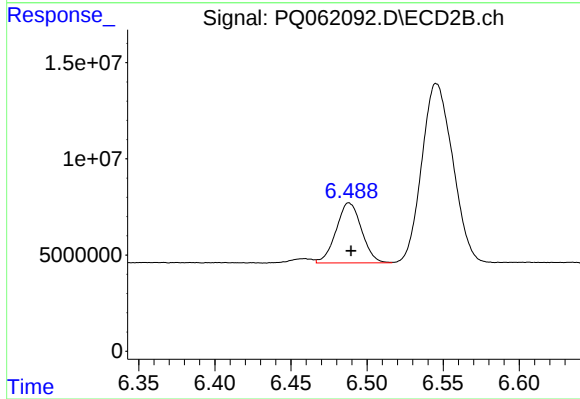
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 43979093
Conc: 283.53 ng/ml



#41 AR-1268-1

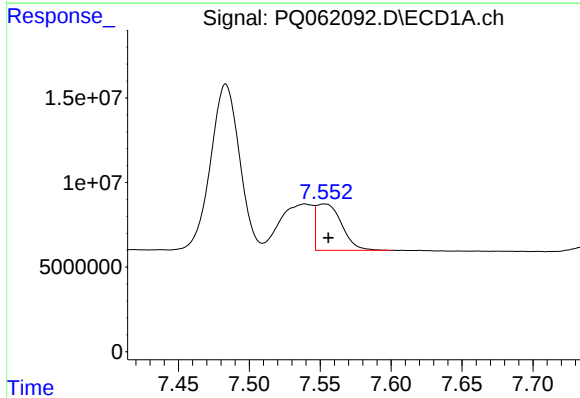
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 139010073
Conc: 244.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



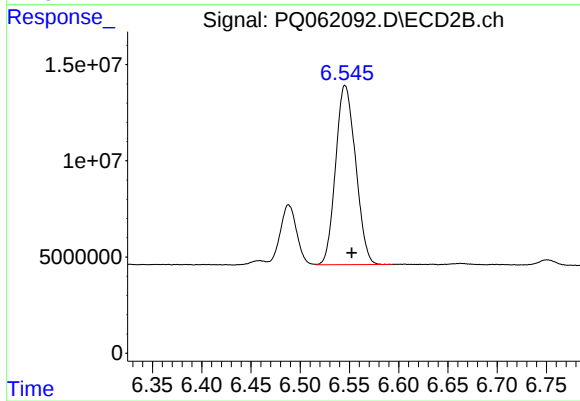
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 36212638
Conc: 76.96 ng/ml



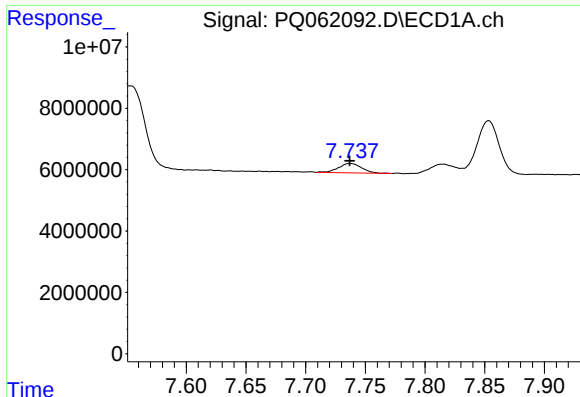
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 33843196
Conc: 66.38 ng/ml



#42 AR-1268-2

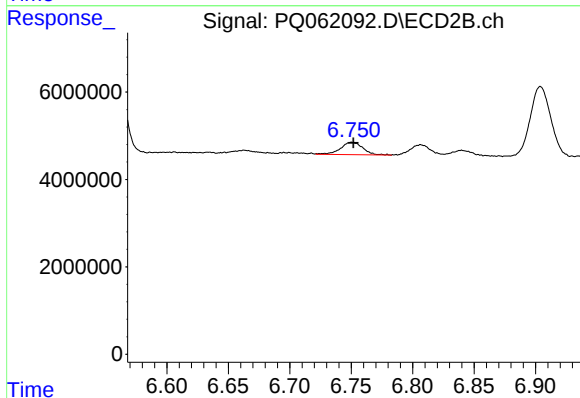
R.T.: 6.546 min
Delta R.T.: -0.007 min
Response: 131682669
Conc: 310.79 ng/ml



#43 AR-1268-3

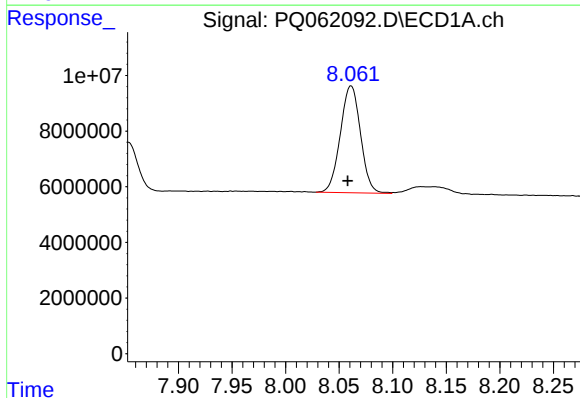
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 4188044
Conc: 9.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



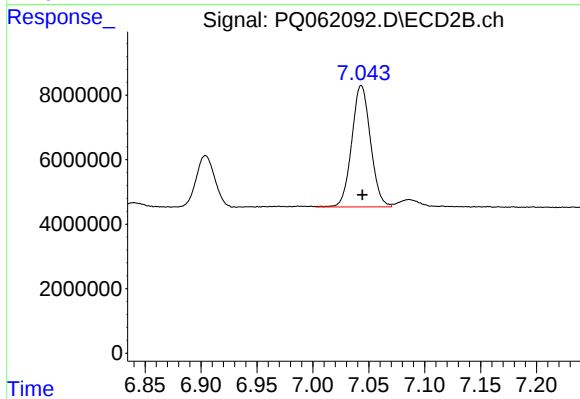
#43 AR-1268-3

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 3635619
Conc: 9.87 ng/ml



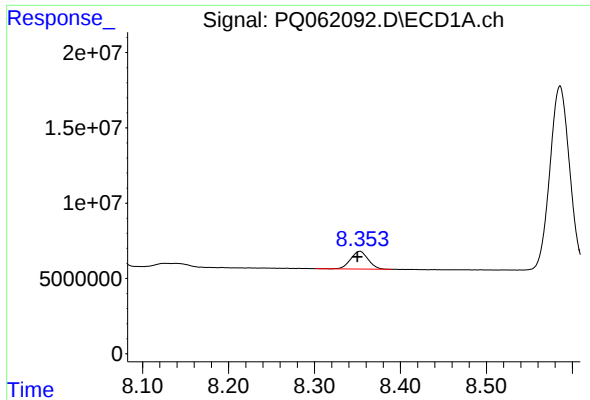
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 50420304
Conc: 275.54 ng/ml



#44 AR-1268-4

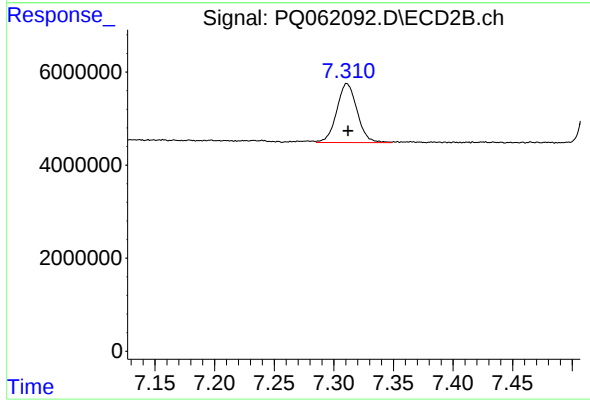
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 43979093
Conc: 274.98 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 16554401
Conc: 13.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 15057451
Conc: 12.90 ng/ml