

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 15:49
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:53:05 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...	3.402	2.755	224.9E6	124.1E6	46.111	49.464
2)	SA Decachlor...	8.583	7.526	151.9E6	146.7E6	41.803	44.022
Target Compounds							
3)	L1 AR-1016-1	4.502	3.757	77743559	46913636	471.980	473.993
4)	L1 AR-1016-2	4.522	3.772	114.7E6	71081088	464.024	492.938
5)	L1 AR-1016-3	4.579	3.932	71293886	36544887	467.790	484.406
6)	L1 AR-1016-4	4.671	3.982	58159138	31618052	463.992	481.402
7)	L1 AR-1016-5	4.958	4.176	55342972	39296303	454.686	479.331
8)	L2 AR-1221-1	3.598	2.955	8095570	4941395	134.684	149.755
9)	L2 AR-1221-2	3.681	3.033	11429140	7044127	254.362	277.327
10)	L2 AR-1221-3	3.750	3.101	43024762	25842845	306.186	335.226
11)	L3 AR-1232-1	3.750	3.101	43024762	25842845	407.426	451.020
12)	L3 AR-1232-2	4.244	3.772	58609397	71081088	990.841	1068.006
13)	L3 AR-1232-3	4.522	3.932	114.7E6	36544887	1014.660	1057.587
14)	L3 AR-1232-4	4.671	4.018	58159138	34988793	1026.342	1176.496
15)	L3 AR-1232-5	4.768	4.176	44902986	39296303	1121.173	1101.945
16)	L4 AR-1242-1	4.502	3.757	77743559	46913636	594.806	606.597
17)	L4 AR-1242-2	4.522	3.772	114.7E6	71081088	591.013	639.456
18)	L4 AR-1242-3	4.579	3.932	71293886	36544887	589.966	623.888
19)	L4 AR-1242-4	4.671	4.018	58159138	34988793	596.591	596.791
20)	L4 AR-1242-5	5.387	4.512	6818445	32889160	71.226	396.768 #
21)	L5 AR-1248-1	4.502	3.757	77743559	46913636	747.688	750.374
22)	L5 AR-1248-2	4.768	3.982	44902986	31618052	312.560	337.192
23)	L5 AR-1248-3	4.958	4.018	55342972	34988793	318.589	386.430
24)	L5 AR-1248-4	5.352	4.176	8652783	39296303	45.083	348.250 #
25)	L5 AR-1248-5	5.387	4.550	6818445	5265476	37.646	46.999
26)	L6 AR-1254-1	5.325	4.512	43406690	32889160	233.594	203.695
27)	L6 AR-1254-2	5.543	4.659	47125826	32500051	162.104	220.751 #
28)	L6 AR-1254-3	5.896	5.040	29565485	17161493	96.261	73.434
29)	L6 AR-1254-4	6.179	5.267	16363470	7225870	70.474	47.409 #
30)	L6 AR-1254-5	6.593	5.671	144.9E6	123.2E6	564.265	533.742
31)	L7 AR-1260-1	6.061	5.169	104.2E6	80778173	441.840	484.999
32)	L7 AR-1260-2	6.321	5.359	125.4E6	98301716	434.358	472.727
33)	L7 AR-1260-3	6.675	5.500	73443817	91080489	415.932	468.139
34)	L7 AR-1260-4	6.892	5.962	88876901	69486483	421.918	476.387
35)	L7 AR-1260-5	7.204	6.210	171.5E6	155.9E6	417.558	469.604
36)	L8 AR-1262-1	6.675	5.715	73443817	69092603	240.845	297.209
37)	L8 AR-1262-2	7.204	5.962	171.5E6	69486483	325.515	321.388
38)	L8 AR-1262-3	7.483	6.487	113.7E6	33527577	322.662	192.325 #
39)	L8 AR-1262-4	7.551	6.544	27209527	124.2E6	102.015	385.466 #
40)	L8 AR-1262-5	8.059	7.042	39560166	38538602	222.863	248.452
41)	L9 AR-1268-1	7.483	6.487	113.7E6	33527577	200.315	71.254 #

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 Acq On : 20 Jul 2023 15:49
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

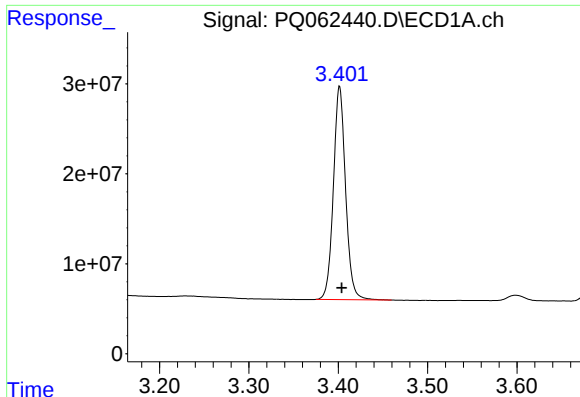
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:53:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.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	7.551	6.544	27209527	124.2E6	53.365	293.209 #
43) L9	AR-1268-3	7.736	6.749	3006748	3179979	7.045	8.634
44) L9	AR-1268-4	8.059	7.042	39560166	38538602	216.193	240.962
45) L9	AR-1268-5	8.351	7.310	12841442	13543775	10.186	11.606

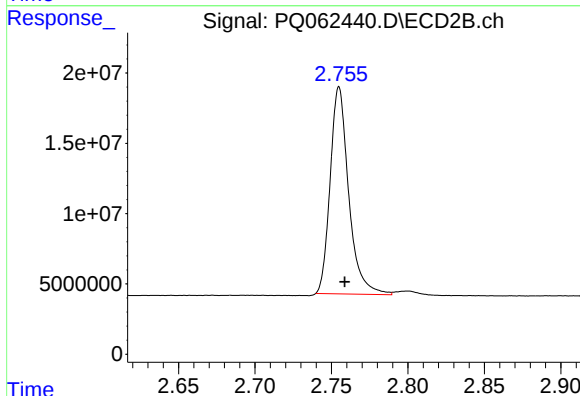
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

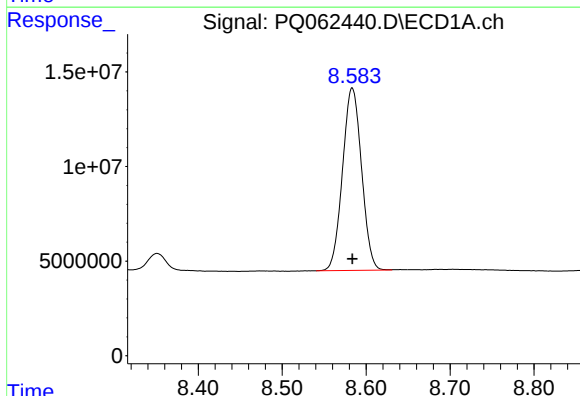
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 224939809
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



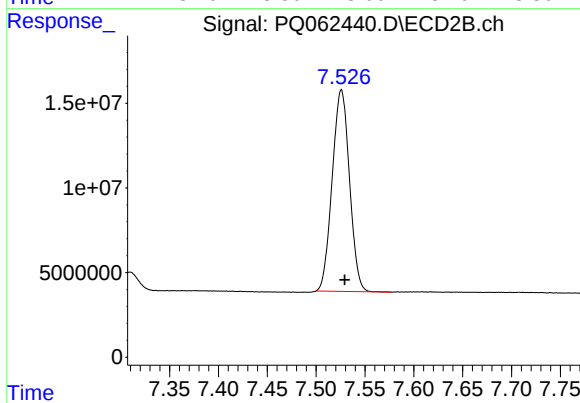
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 124110543
Conc: 49.46 ng/ml



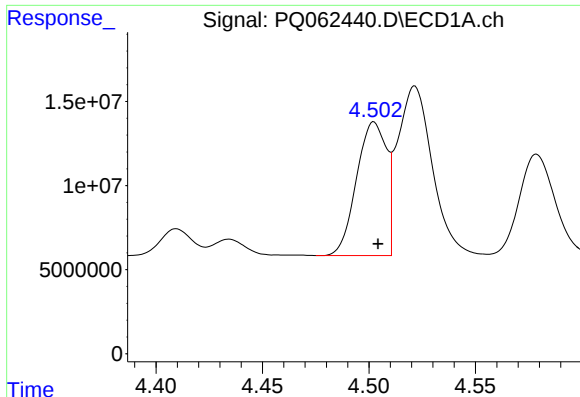
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 151861170
Conc: 41.80 ng/ml



#2 Decachlorobiphenyl

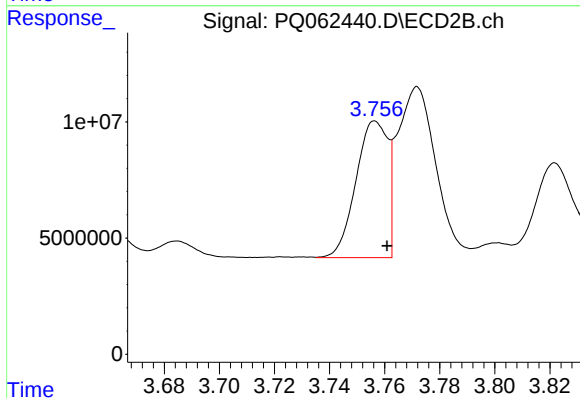
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 146690168
Conc: 44.02 ng/ml



#3 AR-1016-1

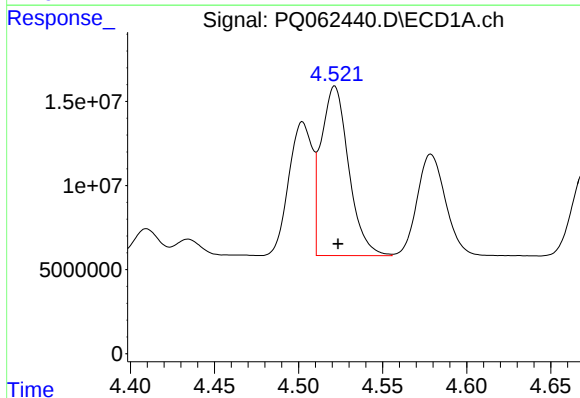
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 77743559
Conc: 471.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



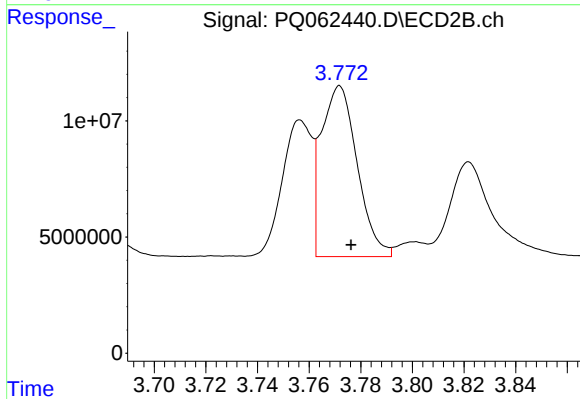
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 46913636
Conc: 473.99 ng/ml



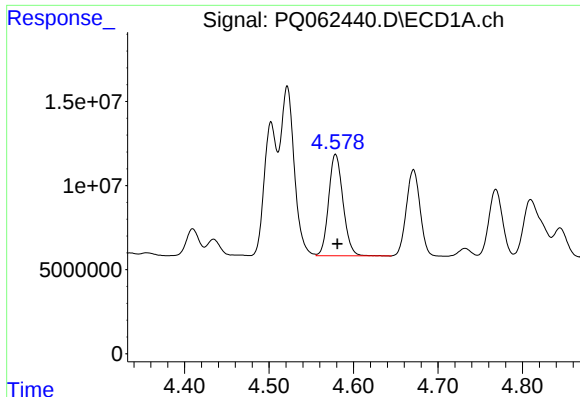
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 114738366
Conc: 464.02 ng/ml



#4 AR-1016-2

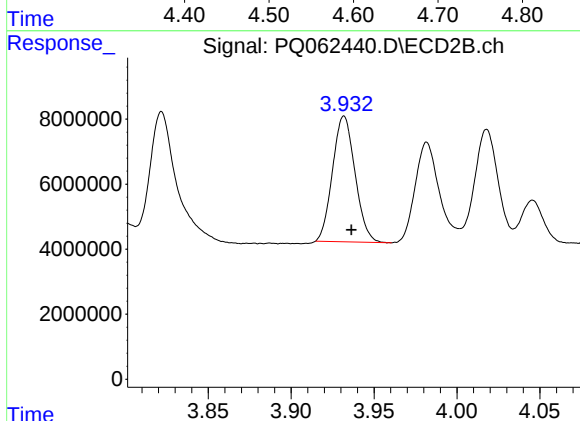
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 71081088
Conc: 492.94 ng/ml



#5 AR-1016-3

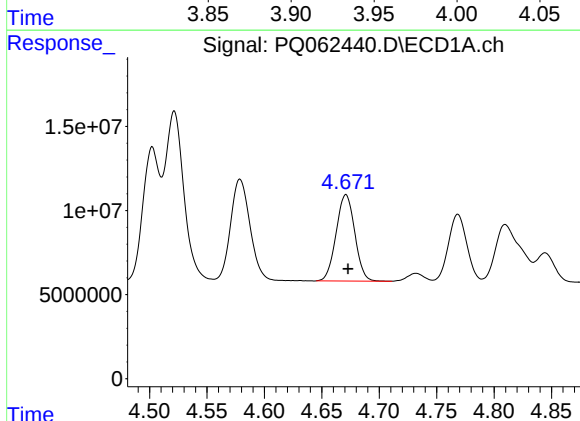
R.T.: 4.579 min
Delta R.T.: -0.002 min
Response: 71293886
Conc: 467.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



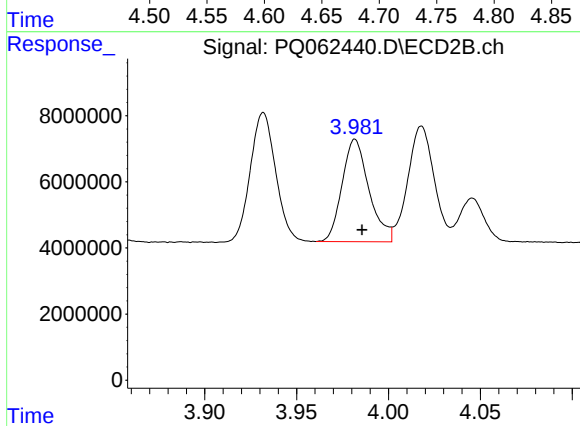
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 36544887
Conc: 484.41 ng/ml



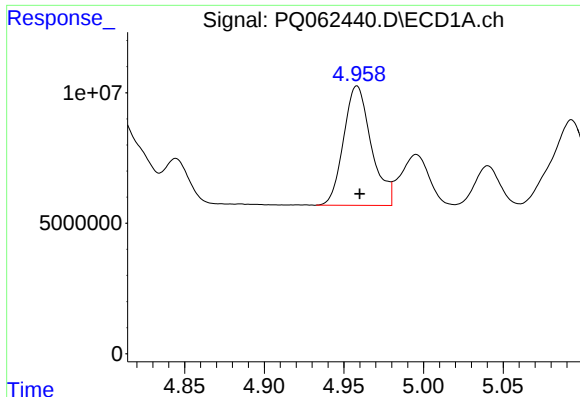
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 58159138
Conc: 463.99 ng/ml



#6 AR-1016-4

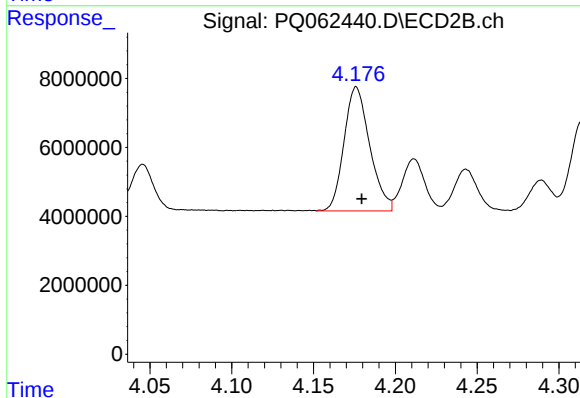
R.T.: 3.982 min
Delta R.T.: -0.004 min
Response: 31618052
Conc: 481.40 ng/ml



#7 AR-1016-5

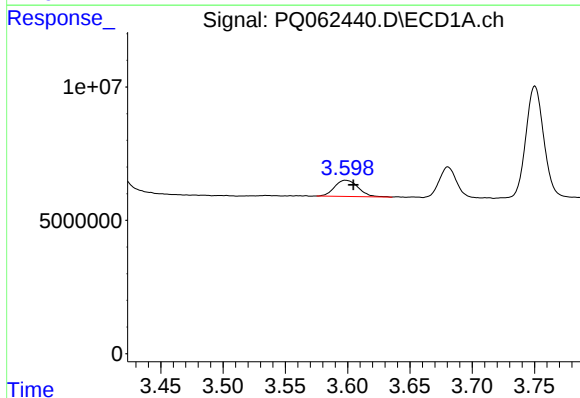
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 55342972
Conc: 454.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



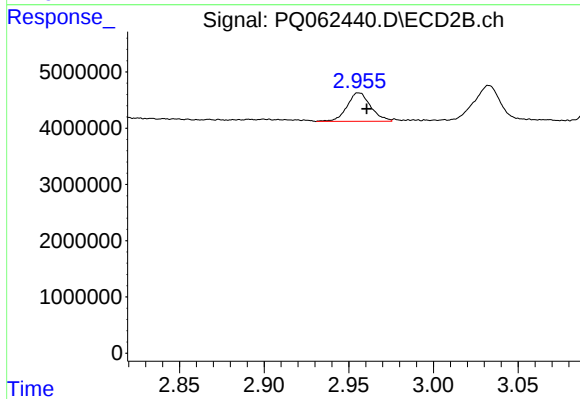
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 39296303
Conc: 479.33 ng/ml



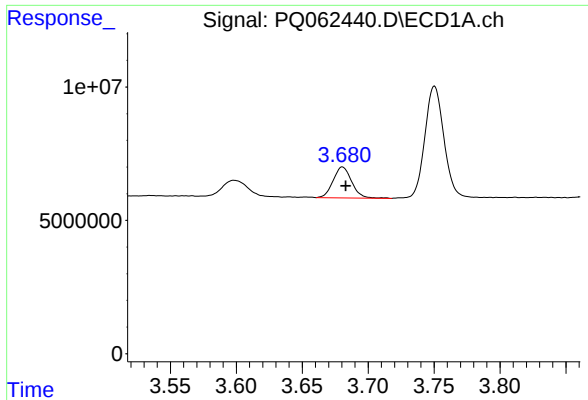
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 8095570
Conc: 134.68 ng/ml



#8 AR-1221-1

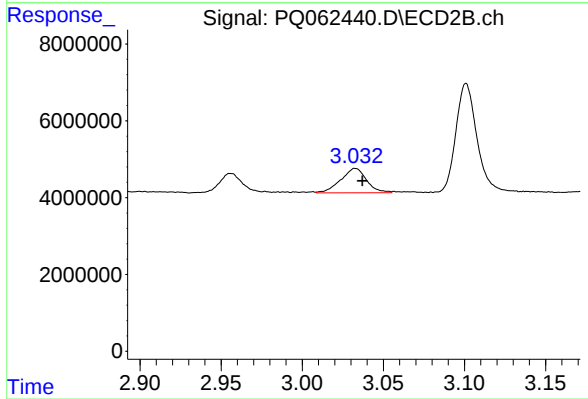
R.T.: 2.955 min
Delta R.T.: -0.005 min
Response: 4941395
Conc: 149.76 ng/ml



#9 AR-1221-2

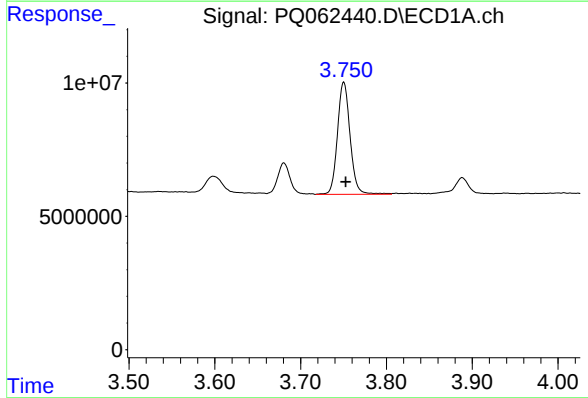
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 11429140
Conc: 254.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



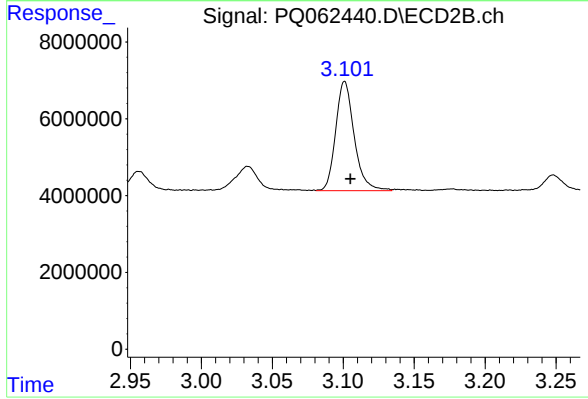
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.005 min
Response: 7044127
Conc: 277.33 ng/ml



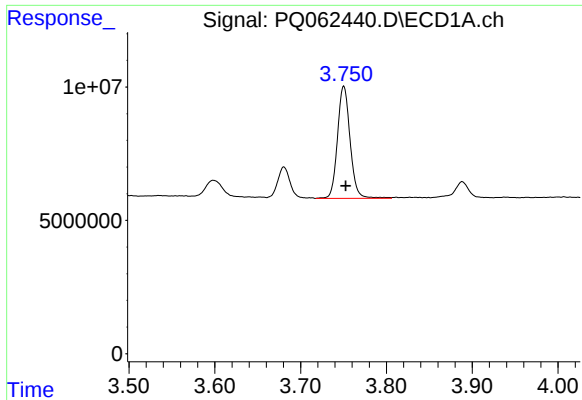
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 43024762
Conc: 306.19 ng/ml



#10 AR-1221-3

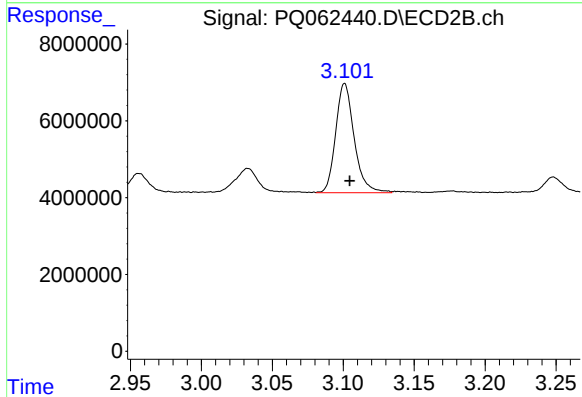
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 25842845
Conc: 335.23 ng/ml



#11 AR-1232-1

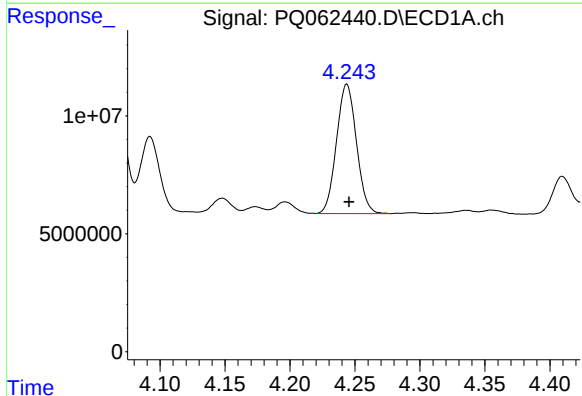
R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 43024762
Conc: 407.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



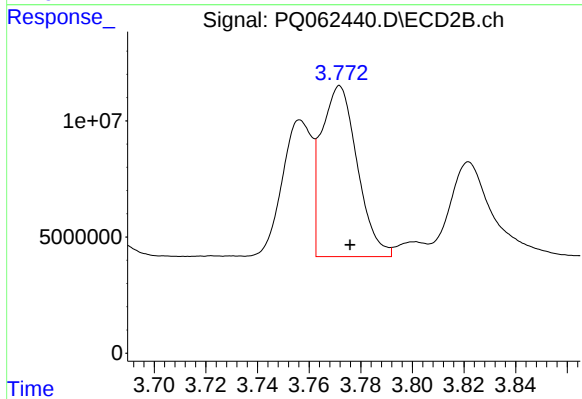
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 25842845
Conc: 451.02 ng/ml



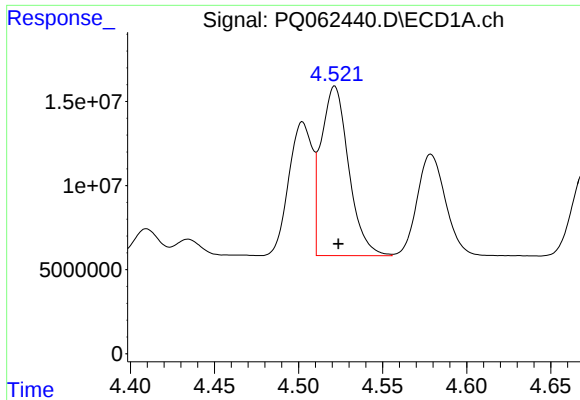
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.002 min
Response: 58609397
Conc: 990.84 ng/ml



#12 AR-1232-2

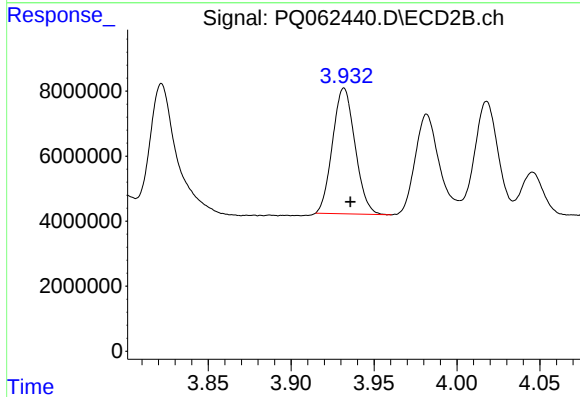
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 71081088
Conc: 1068.01 ng/ml



#13 AR-1232-3

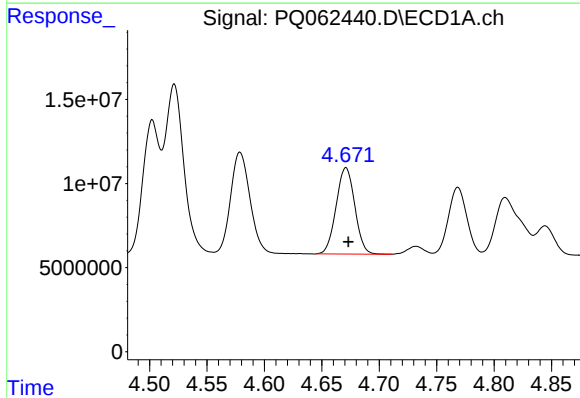
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 114738366
Conc: 1014.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



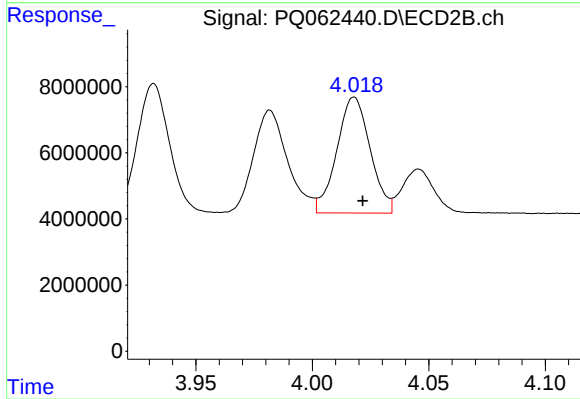
#13 AR-1232-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 36544887
Conc: 1057.59 ng/ml



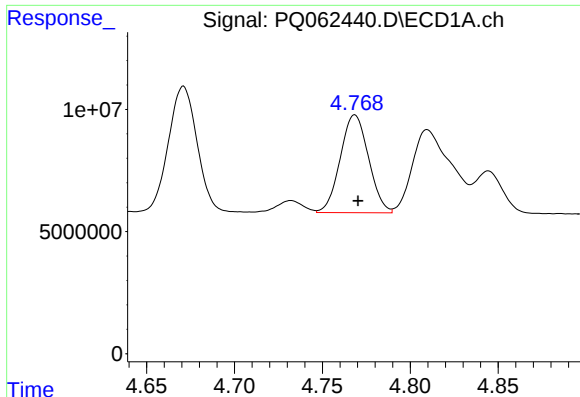
#14 AR-1232-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 58159138
Conc: 1026.34 ng/ml



#14 AR-1232-4

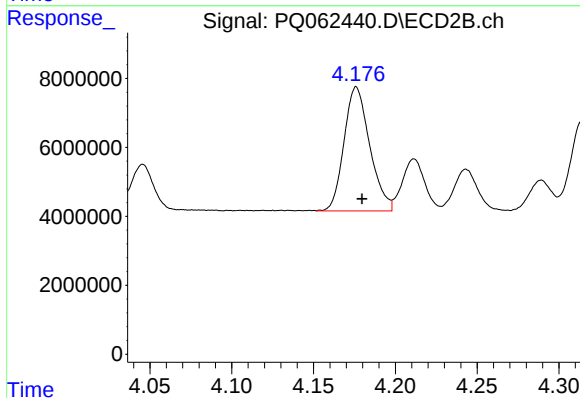
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 34988793
Conc: 1176.50 ng/ml



#15 AR-1232-5

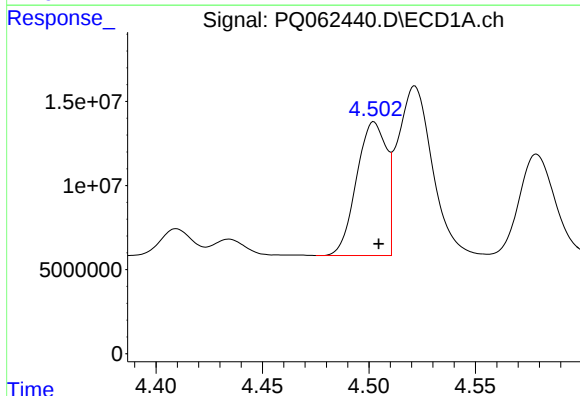
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 44902986
Conc: 1121.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



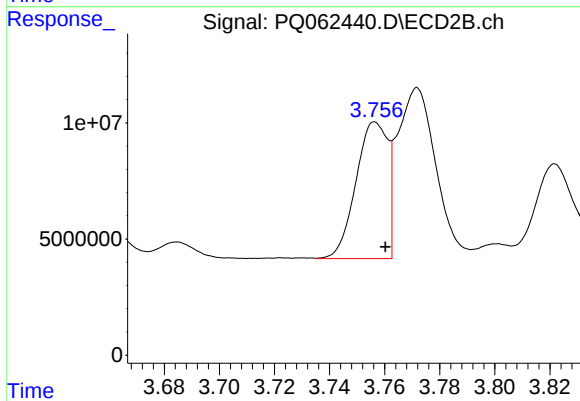
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 39296303
Conc: 1101.95 ng/ml



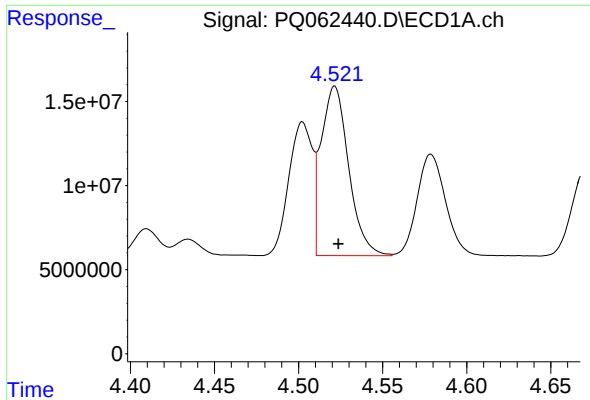
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 77743559
Conc: 594.81 ng/ml



#16 AR-1242-1

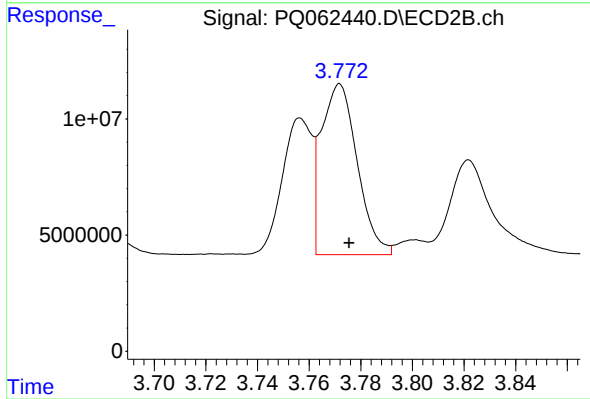
R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 46913636
Conc: 606.60 ng/ml



#17 AR-1242-2

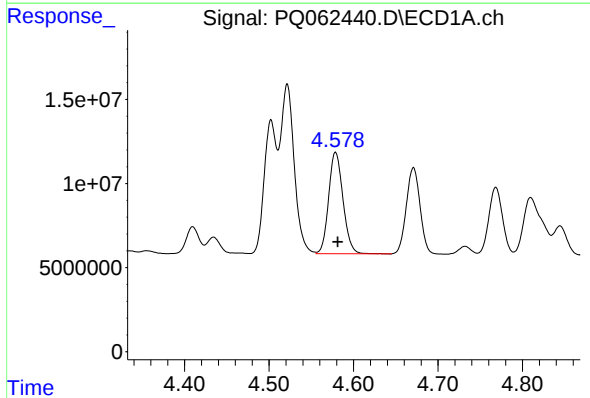
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 114738366
Conc: 591.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



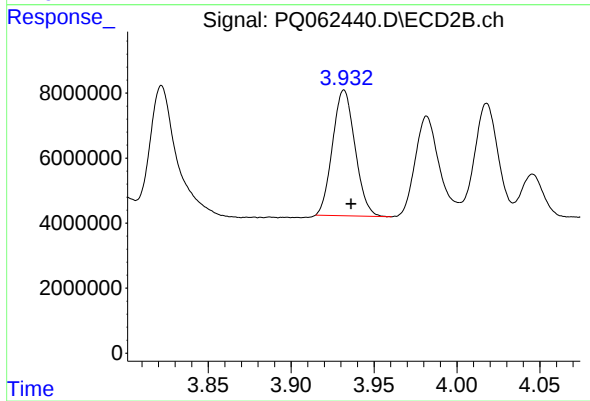
#17 AR-1242-2

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 71081088
Conc: 639.46 ng/ml



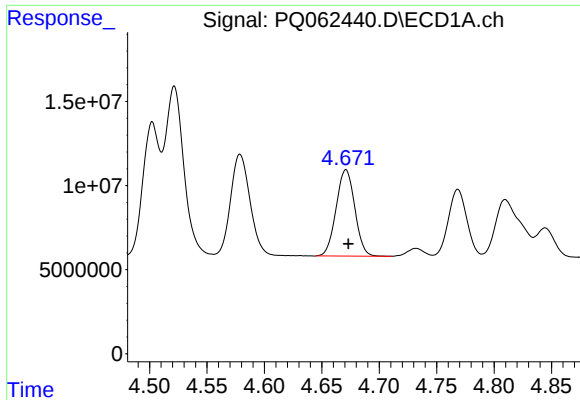
#18 AR-1242-3

R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 71293886
Conc: 589.97 ng/ml



#18 AR-1242-3

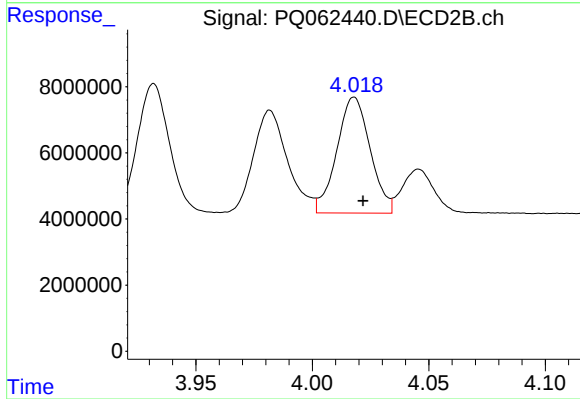
R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 36544887
Conc: 623.89 ng/ml



#19 AR-1242-4

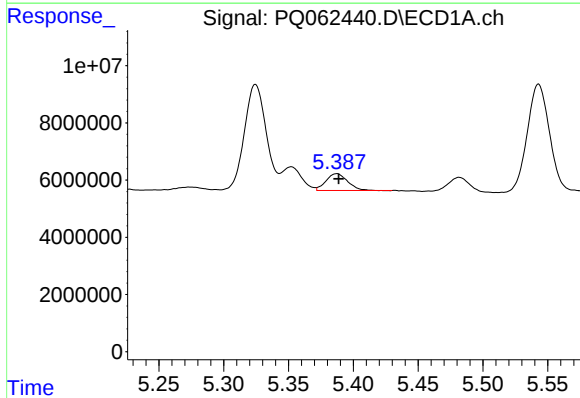
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 58159138
Conc: 596.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



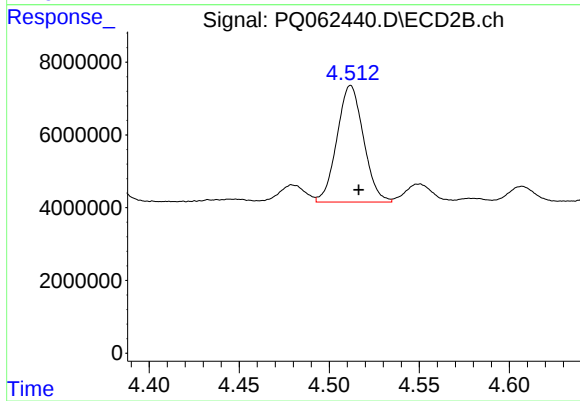
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 34988793
Conc: 596.79 ng/ml



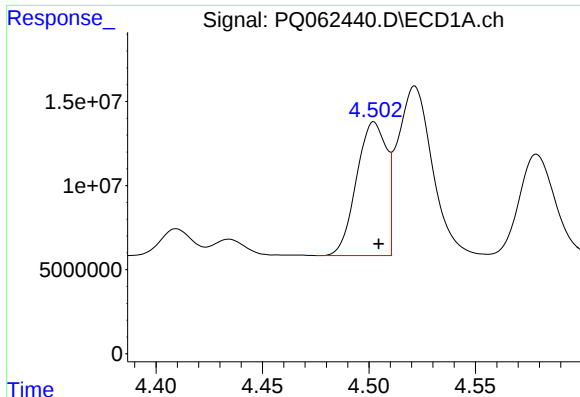
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 6818445
Conc: 71.23 ng/ml



#20 AR-1242-5

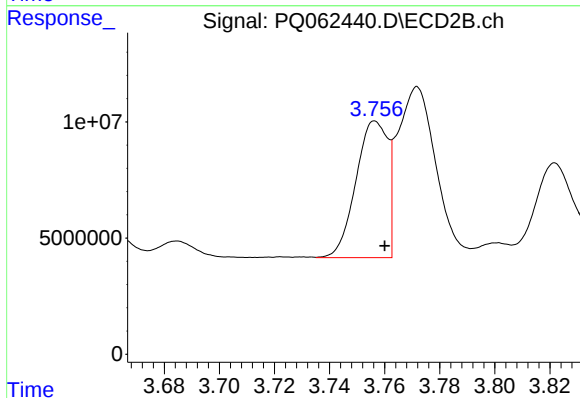
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 32889160
Conc: 396.77 ng/ml



#21 AR-1248-1

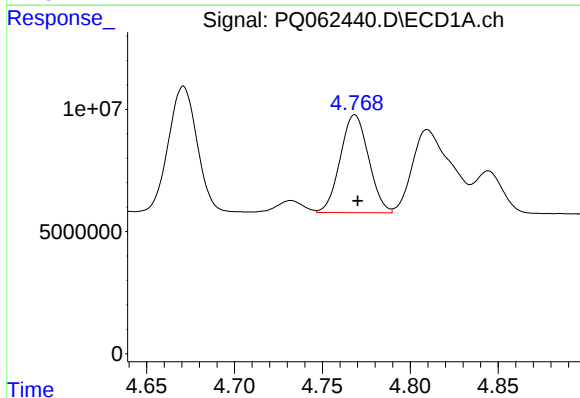
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 77743559
Conc: 747.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



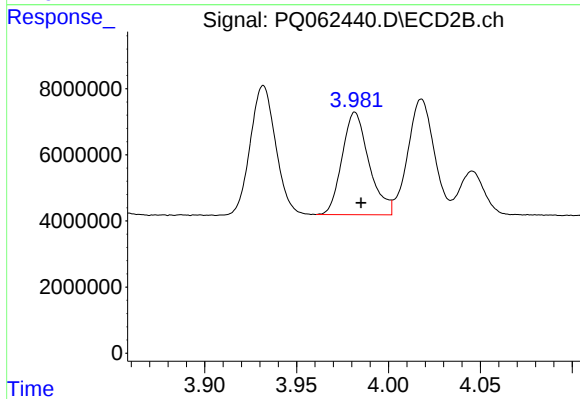
#21 AR-1248-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 46913636
Conc: 750.37 ng/ml



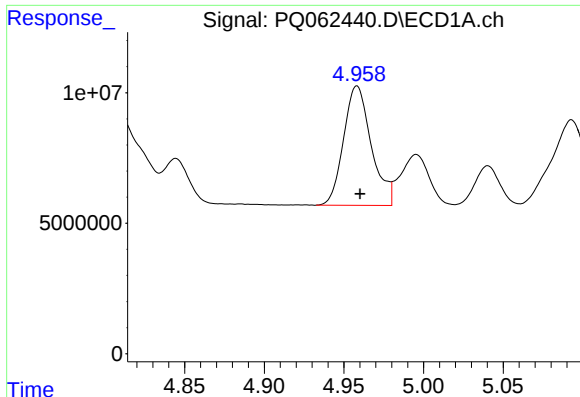
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 44902986
Conc: 312.56 ng/ml



#22 AR-1248-2

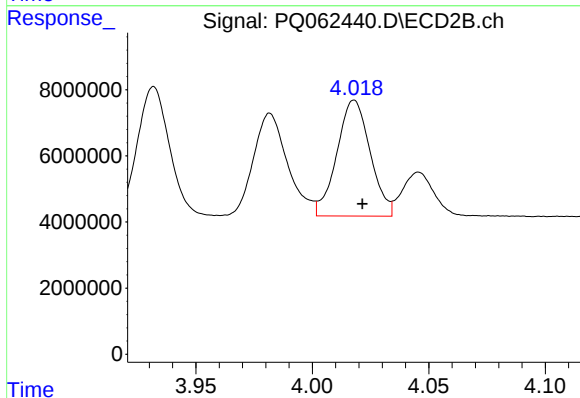
R.T.: 3.982 min
Delta R.T.: -0.003 min
Response: 31618052
Conc: 337.19 ng/ml



#23 AR-1248-3

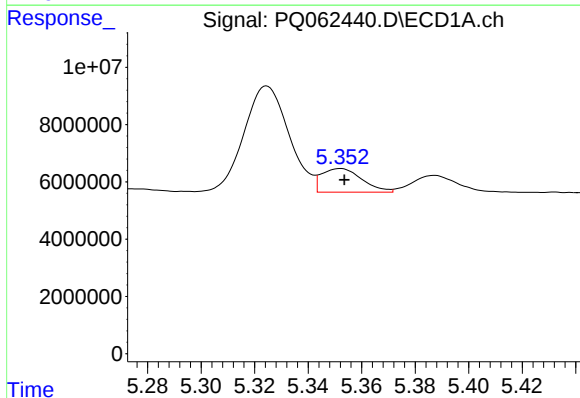
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 55342972
Conc: 318.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



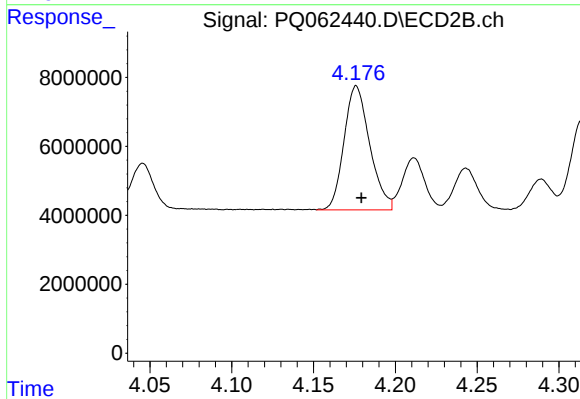
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 34988793
Conc: 386.43 ng/ml



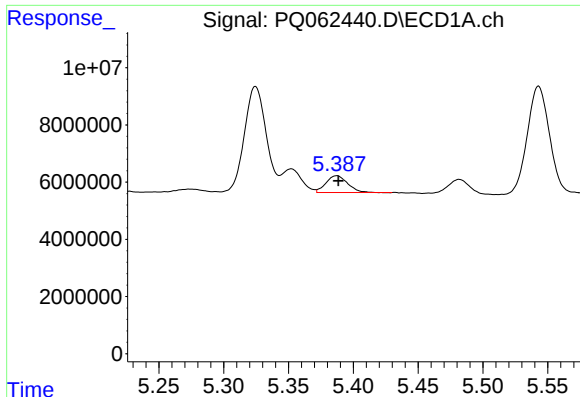
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.001 min
Response: 8652783
Conc: 45.08 ng/ml



#24 AR-1248-4

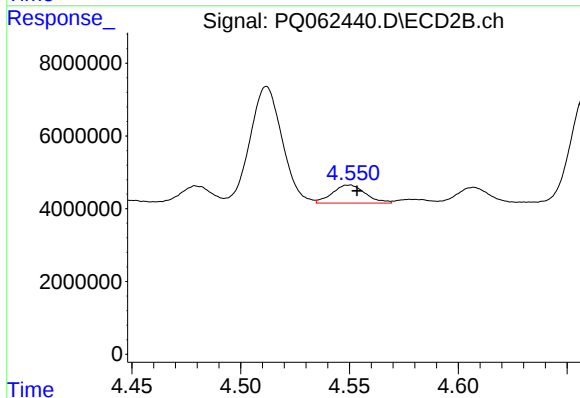
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 39296303
Conc: 348.25 ng/ml



#25 AR-1248-5

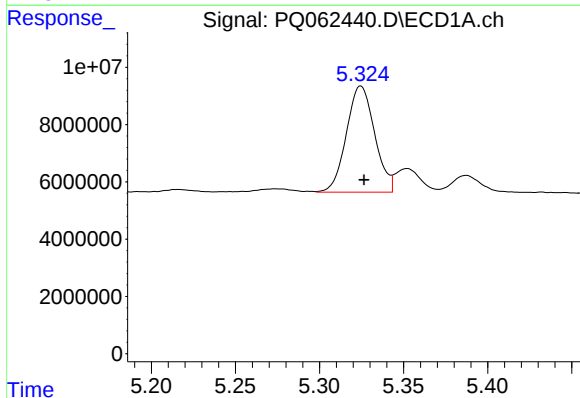
R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 6818445
Conc: 37.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



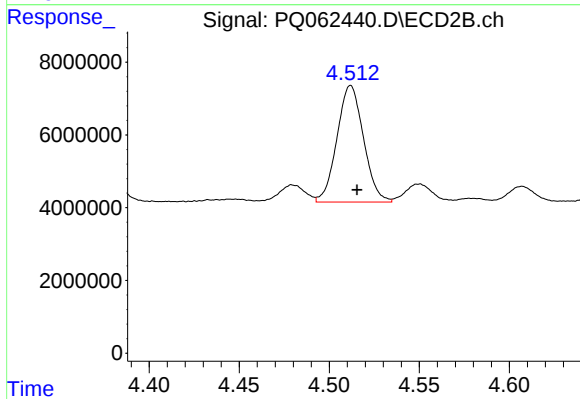
#25 AR-1248-5

R.T.: 4.550 min
Delta R.T.: -0.003 min
Response: 5265476
Conc: 47.00 ng/ml



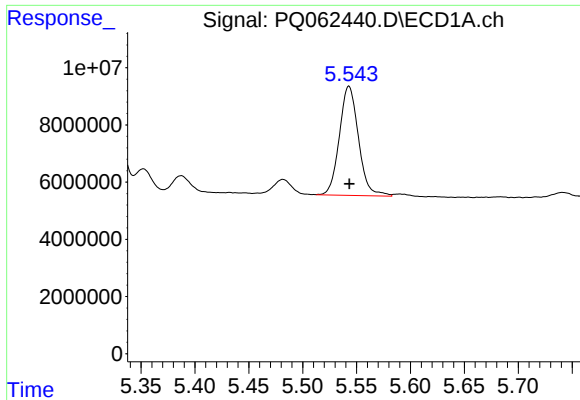
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 43406690
Conc: 233.59 ng/ml



#26 AR-1254-1

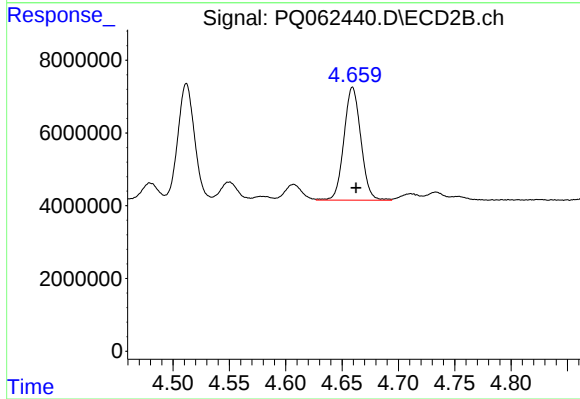
R.T.: 4.512 min
Delta R.T.: -0.004 min
Response: 32889160
Conc: 203.69 ng/ml



#27 AR-1254-2

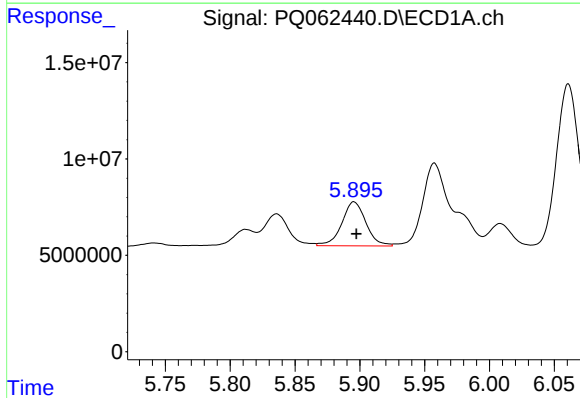
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 47125826
Conc: 162.10 ng/ml

Instrument :
ECD_D
ClientSampleId :



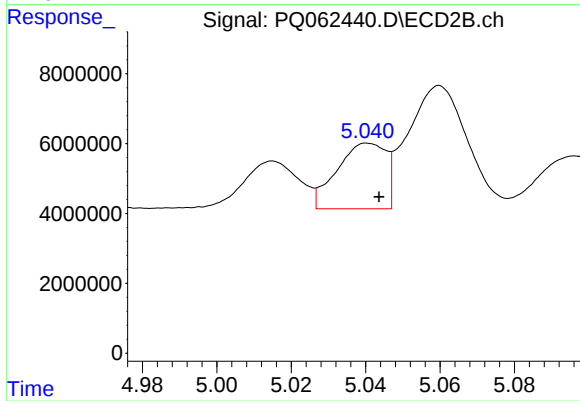
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.003 min
Response: 32500051
Conc: 220.75 ng/ml



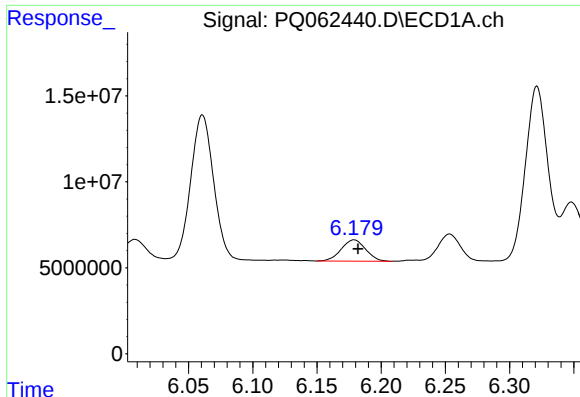
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 29565485
Conc: 96.26 ng/ml



#28 AR-1254-3

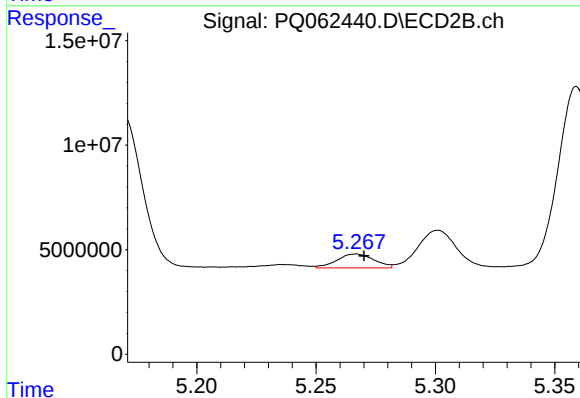
R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 17161493
Conc: 73.43 ng/ml



#29 AR-1254-4

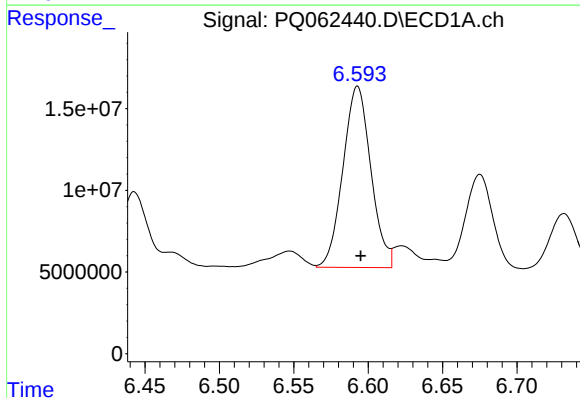
R.T.: 6.179 min
Delta R.T.: -0.003 min
Response: 16363470
Conc: 70.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



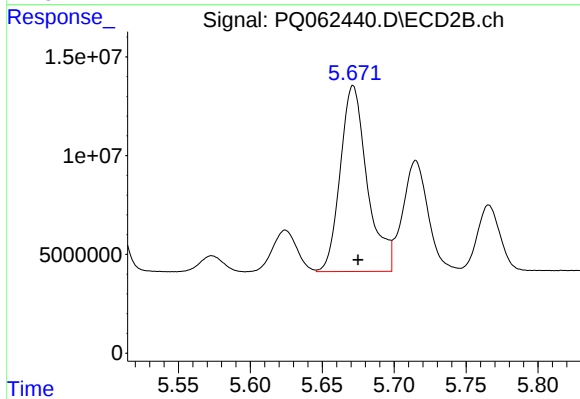
#29 AR-1254-4

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 7225870
Conc: 47.41 ng/ml



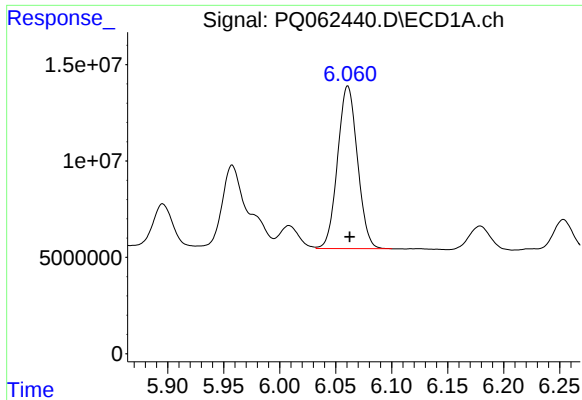
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 144942833
Conc: 564.26 ng/ml



#30 AR-1254-5

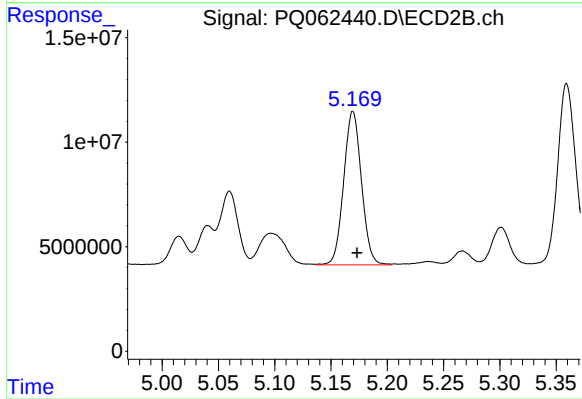
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 123185614
Conc: 533.74 ng/ml



#31 AR-1260-1

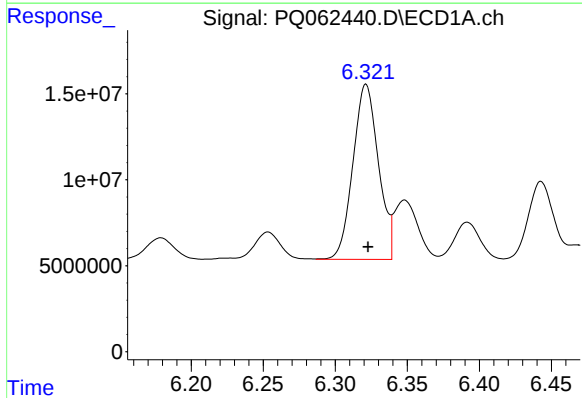
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 104244129
Conc: 441.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



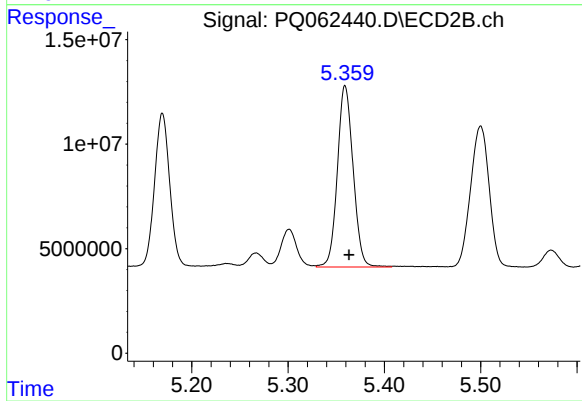
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 80778173
Conc: 485.00 ng/ml



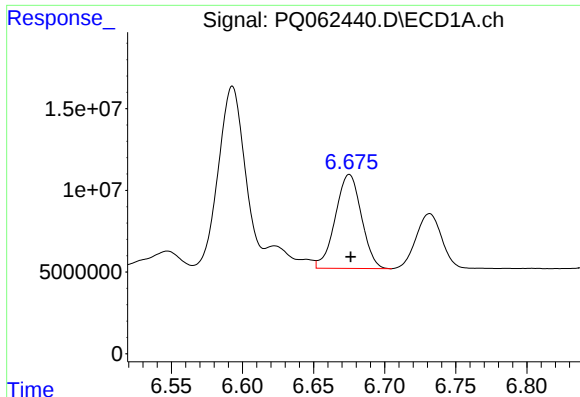
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 125448015
Conc: 434.36 ng/ml



#32 AR-1260-2

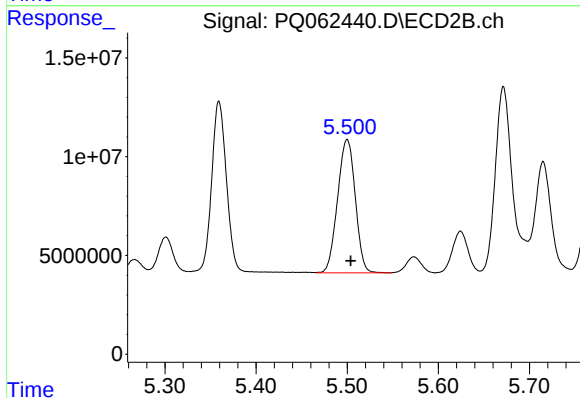
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 98301716
Conc: 472.73 ng/ml



#33 AR-1260-3

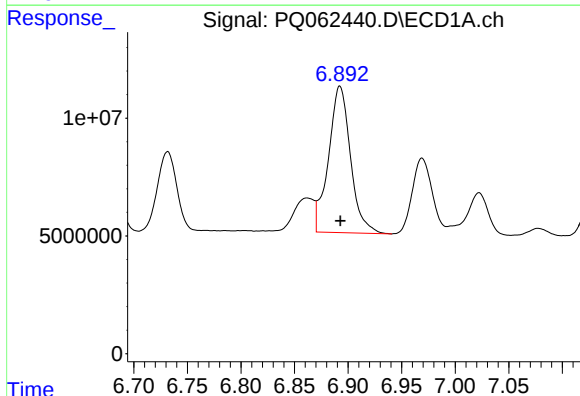
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 73443817
Conc: 415.93 ng/ml

Instrument :
ECD_D
ClientSampleId :



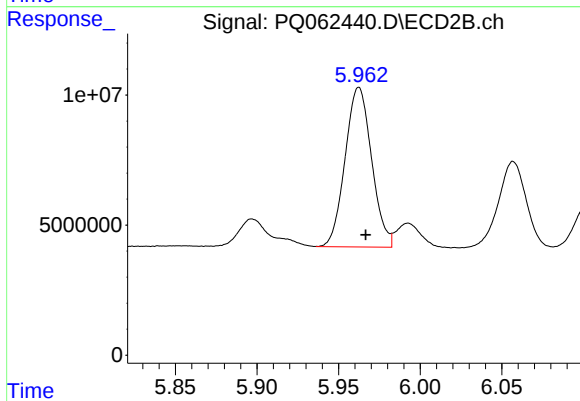
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 91080489
Conc: 468.14 ng/ml



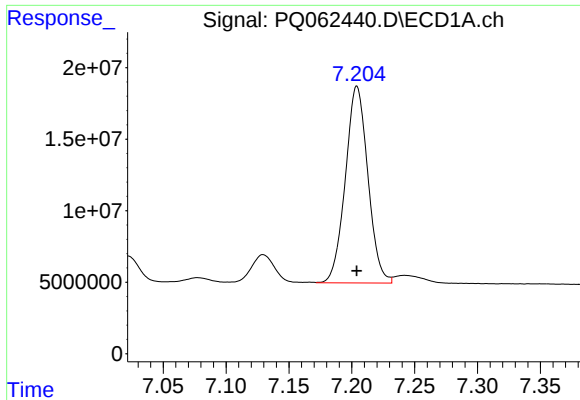
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 88876901
Conc: 421.92 ng/ml



#34 AR-1260-4

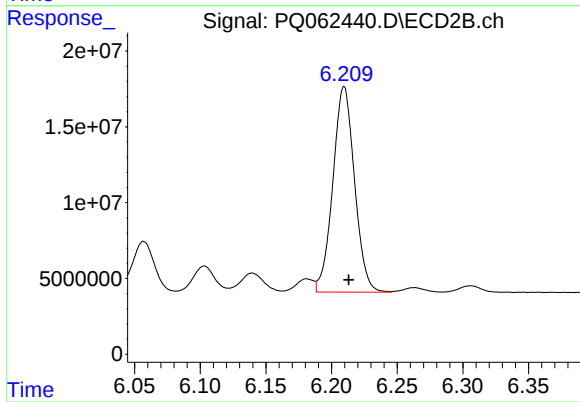
R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 69486483
Conc: 476.39 ng/ml



#35 AR-1260-5

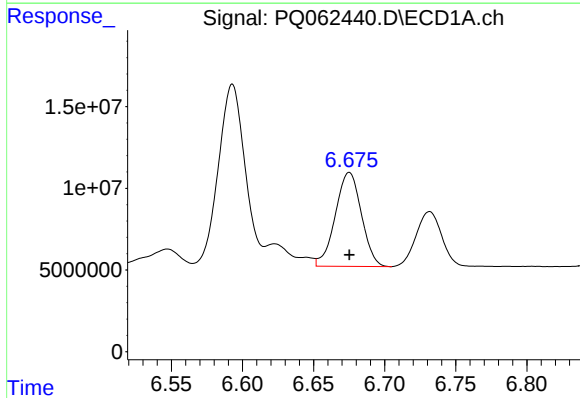
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 171453152
Conc: 417.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



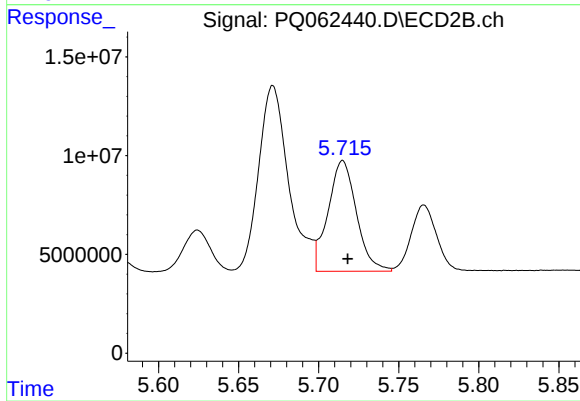
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 155936280
Conc: 469.60 ng/ml



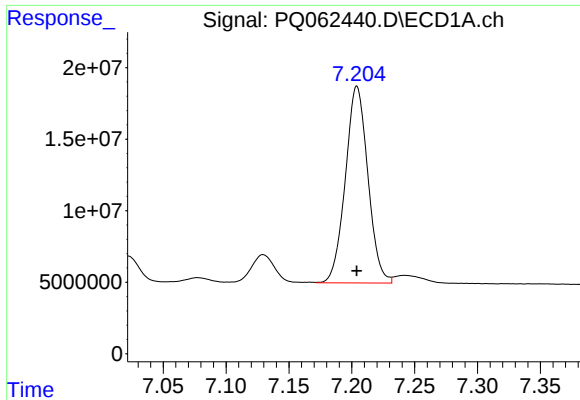
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 73443817
Conc: 240.85 ng/ml



#36 AR-1262-1

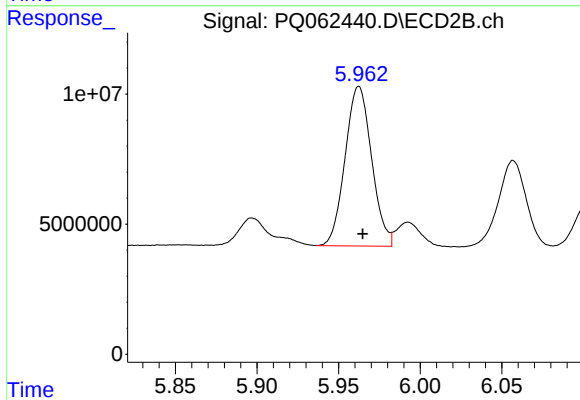
R.T.: 5.715 min
Delta R.T.: -0.003 min
Response: 69092603
Conc: 297.21 ng/ml



#37 AR-1262-2

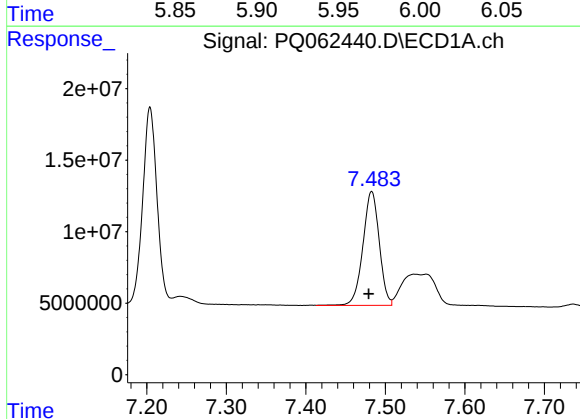
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 171453152
Conc: 325.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



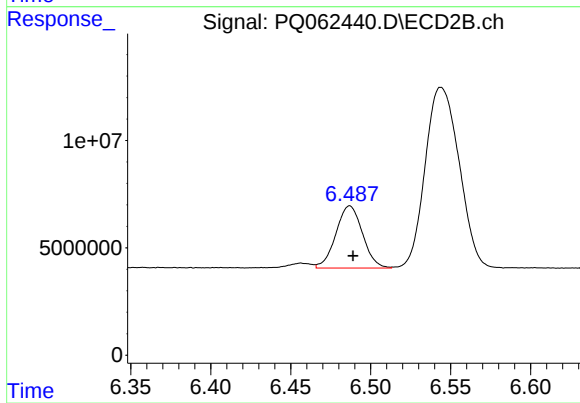
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.002 min
Response: 69486483
Conc: 321.39 ng/ml



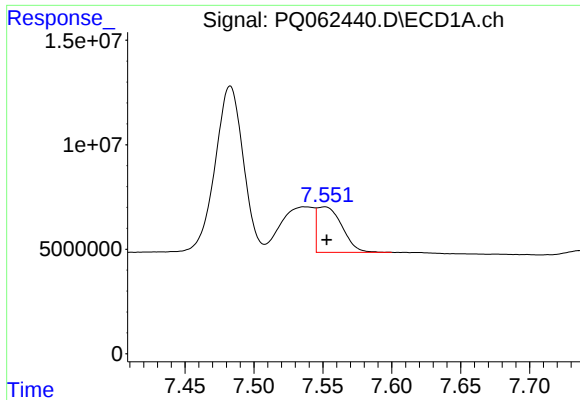
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 113674715
Conc: 322.66 ng/ml



#38 AR-1262-3

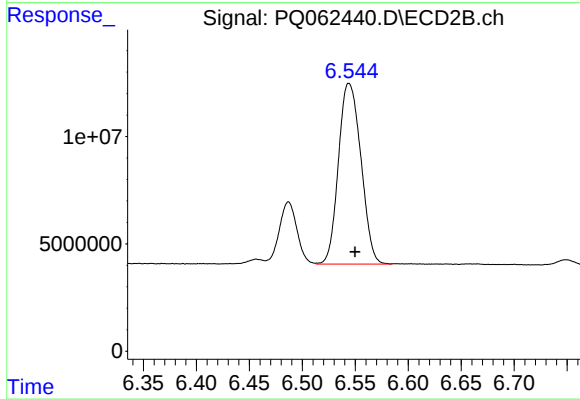
R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 33527577
Conc: 192.32 ng/ml



#39 AR-1262-4

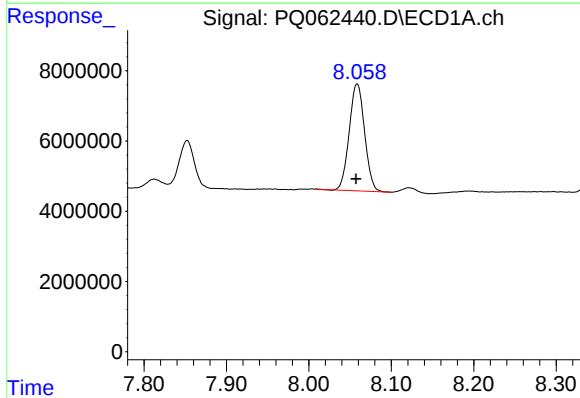
R.T.: 7.551 min
Delta R.T.: -0.001 min
Response: 27209527
Conc: 102.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



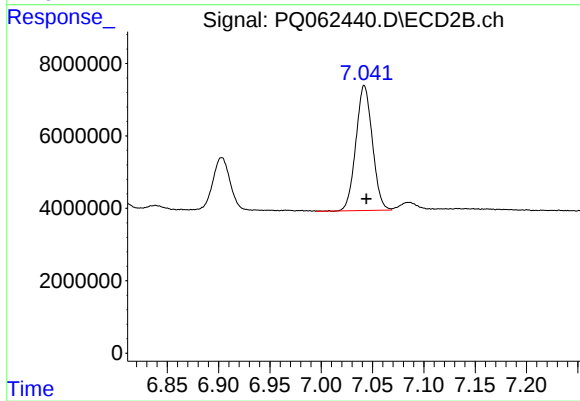
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 12423338
Conc: 385.47 ng/ml



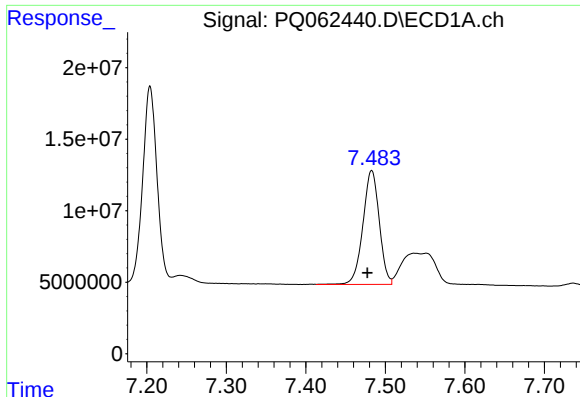
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 39560166
Conc: 222.86 ng/ml



#40 AR-1262-5

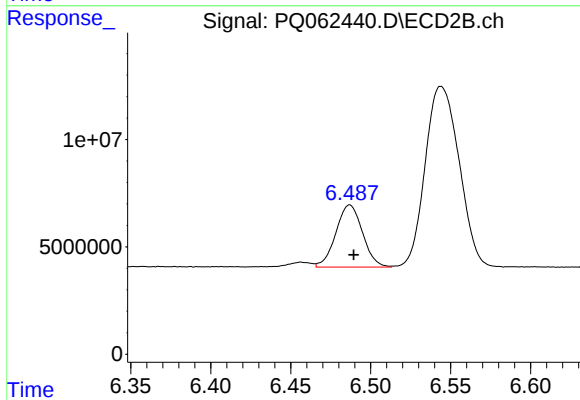
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 38538602
Conc: 248.45 ng/ml



#41 AR-1268-1

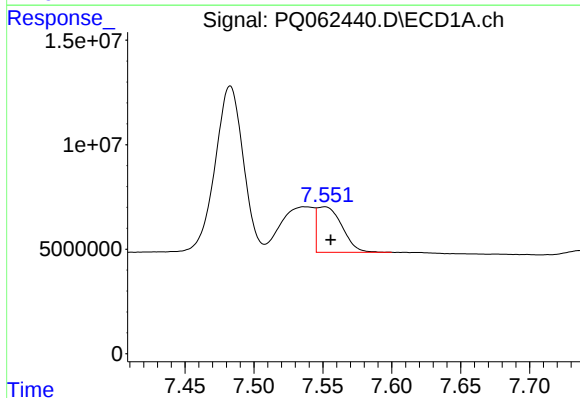
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 113674715
Conc: 200.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



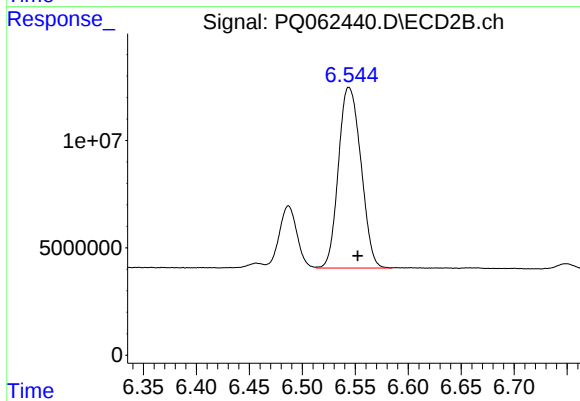
#41 AR-1268-1

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 33527577
Conc: 71.25 ng/ml



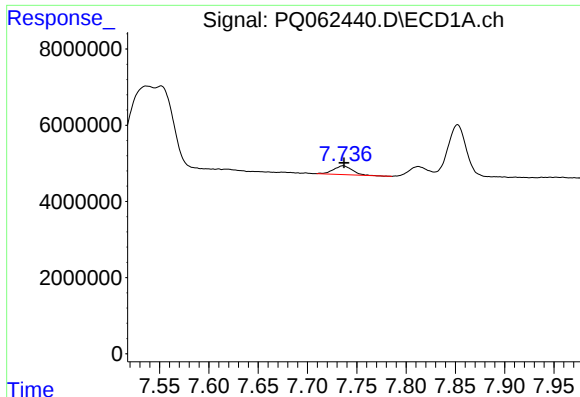
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 27209527
Conc: 53.37 ng/ml



#42 AR-1268-2

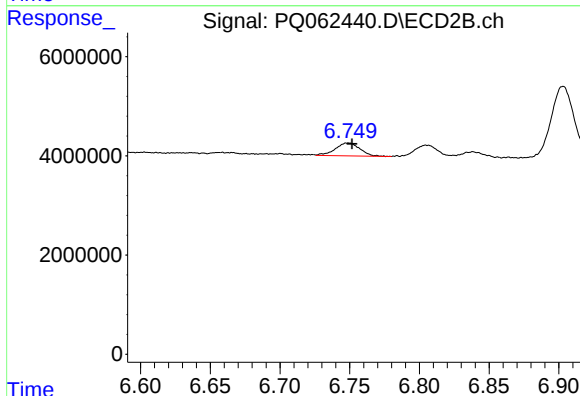
R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 124233338
Conc: 293.21 ng/ml



#43 AR-1268-3

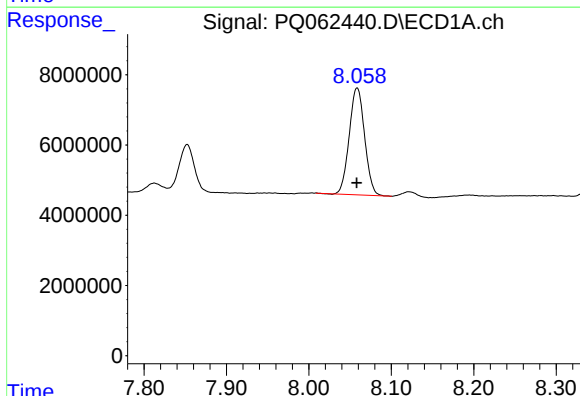
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 3006748
Conc: 7.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



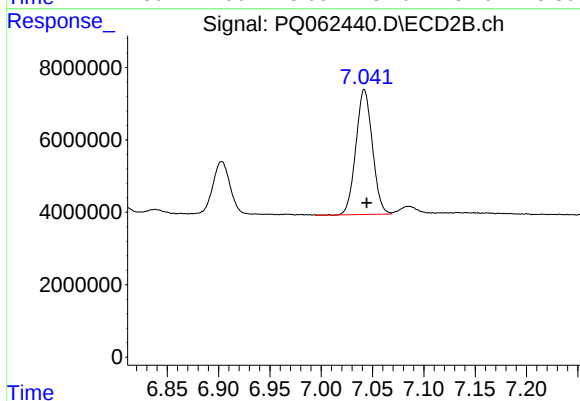
#43 AR-1268-3

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 3179979
Conc: 8.63 ng/ml



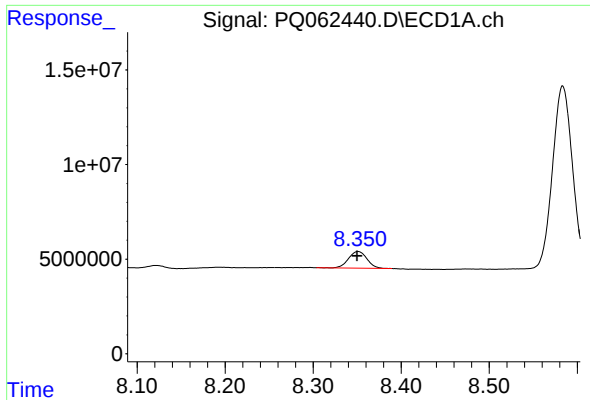
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 39560166
Conc: 216.19 ng/ml



#44 AR-1268-4

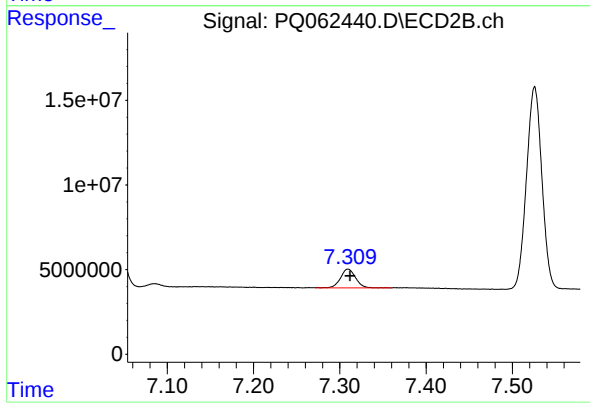
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 38538602
Conc: 240.96 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.001 min
Response: 12841442
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 13543775
Conc: 11.61 ng/ml