

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
 Data File : PQ061964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 15:30
 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 06 21:52:55 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...	3.405	2.760	246.3E6	134.4E6	50.495	53.545
2)	SA Decachlor...	8.587	7.530	186.9E6	167.9E6	51.445	50.394
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	82612886	49282993	501.542	497.932
4)	L1 AR-1016-2	4.524	3.777	123.9E6	71591170	500.918	496.475
5)	L1 AR-1016-3	4.582	3.937	76442613	38161532	501.573	505.835
6)	L1 AR-1016-4	4.673	3.986	63010378	32965648	502.695	501.920
7)	L1 AR-1016-5	4.960	4.180	61889388	40761213	508.470	497.199
8)	L2 AR-1221-1	3.602	2.960	8370326	4988271	139.255	151.176
9)	L2 AR-1221-2	3.684	3.037	12411989	7056697	276.235	277.822
10)	L2 AR-1221-3	3.754	3.106	45957211	26544555	327.055	344.328
11)	L3 AR-1232-1	3.754	3.106	45957211	26544555	435.195	463.267
12)	L3 AR-1232-2	4.246	3.777	62903449	71591170	1063.436	1075.670
13)	L3 AR-1232-3	4.524	3.937	123.9E6	38161532	1095.336	1104.372
14)	L3 AR-1232-4	4.673	4.022	63010378	36410095	1111.952	1224.288
15)	L3 AR-1232-5	4.771	4.180	49959466	40761213	1247.427	1143.024
16)	L4 AR-1242-1	4.505	3.761	82612886	49282993	632.060	637.233
17)	L4 AR-1242-2	4.524	3.777	123.9E6	71591170	638.005	644.045
18)	L4 AR-1242-3	4.582	3.937	76442613	38161532	632.572	651.487
19)	L4 AR-1242-4	4.673	4.022	63010378	36410095	646.355	621.034
20)	L4 AR-1242-5	5.390	4.516	7874987	33260846	82.262	401.252 #
21)	L5 AR-1248-1	4.505	3.761	82612886	49282993	794.518	788.271
22)	L5 AR-1248-2	4.771	3.986	49959466	32965648	347.757	351.563
23)	L5 AR-1248-3	4.960	4.022	61889388	36410095	356.274	402.127
24)	L5 AR-1248-4	5.354	4.180	9822622	40761213	51.178	361.232 #
25)	L5 AR-1248-5	5.390	4.554	7874987	5047552	43.479	45.054
26)	L6 AR-1254-1	5.327	4.516	48860881	33260846	262.945	205.997
27)	L6 AR-1254-2	5.545	4.663	54635694	32616493	187.937	221.542
28)	L6 AR-1254-3	5.898	5.045	28715407	17465912	93.493	74.736
29)	L6 AR-1254-4	6.181	5.271	18270891	6970225	78.688	45.732 #
30)	L6 AR-1254-5	6.595	5.676	171.1E6	128.1E6	666.172	555.119
31)	L7 AR-1260-1	6.063	5.173	119.3E6	85479867	505.539	513.229
32)	L7 AR-1260-2	6.323	5.363	143.1E6	104.1E6	495.405	500.633
33)	L7 AR-1260-3	6.677	5.504	88473259	98479247	501.048	506.167
34)	L7 AR-1260-4	6.895	5.966	107.6E6	73904065	510.889	506.673
35)	L7 AR-1260-5	7.206	6.213	209.2E6	165.5E6	509.466	498.442
36)	L8 AR-1262-1	6.677	5.719	88473259	72851686	290.132	313.379
37)	L8 AR-1262-2	7.206	5.966	209.2E6	73904065	397.163	341.820
38)	L8 AR-1262-3	7.485	6.491	135.3E6	35129286	384.145	201.513 #
39)	L8 AR-1262-4	7.554	6.549	35056641	129.0E6	131.436	400.397 #
40)	L8 AR-1262-5	8.060	7.046	48777785	42386321	274.791	273.258
41)	L9 AR-1268-1	7.485	6.491	135.3E6	35129286	238.485	74.658 #

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

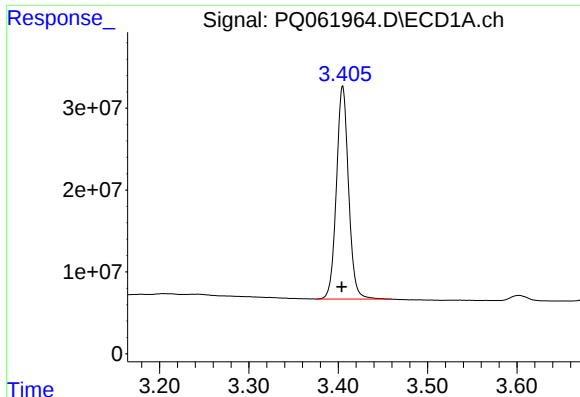
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:52:55 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	7.554	6.549	35056641	129.0E6	68.756	304.567 #
43) L9	AR-1268-3	7.739	6.752	4076379	4420962	9.552	12.003 #
44) L9	AR-1268-4	8.060	7.046	48777785	42386321	266.567	265.020
45) L9	AR-1268-5	8.353	7.314	16340681	15871444	12.961	13.601

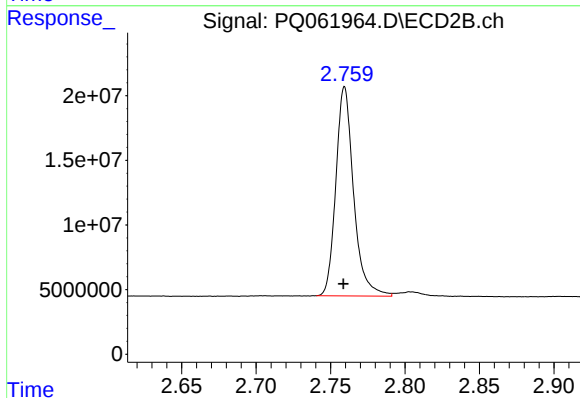
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

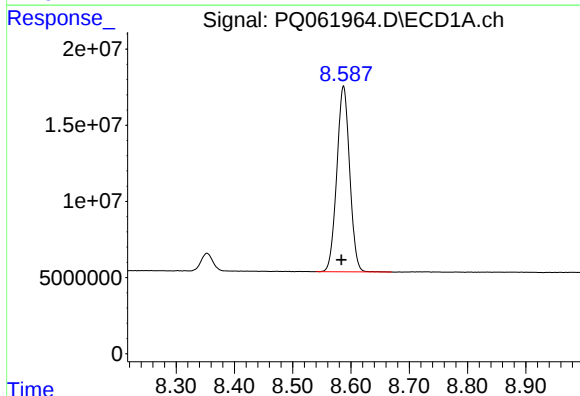
R.T.: 3.405 min
Delta R.T.: 0.001 min
Response: 246323366
Conc: 50.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



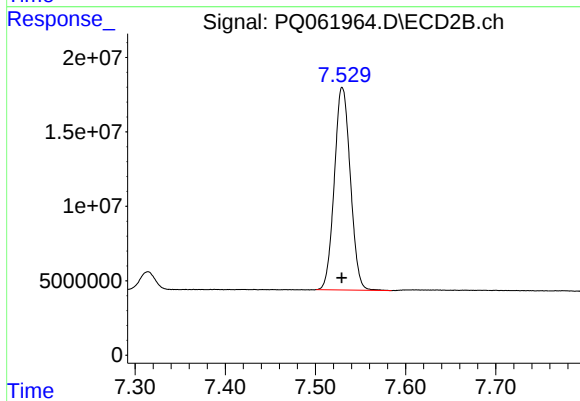
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 134351273
Conc: 53.55 ng/ml



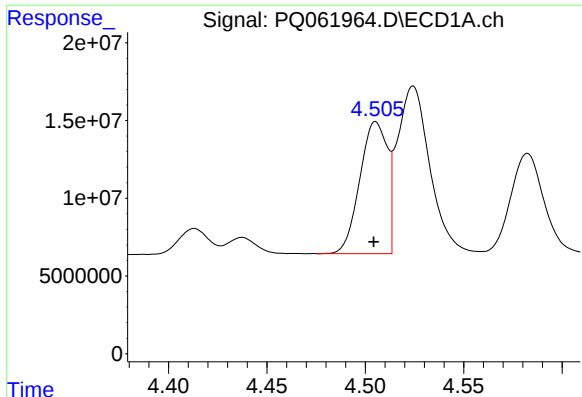
#2 Decachlorobiphenyl

R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 186887981
Conc: 51.45 ng/ml



#2 Decachlorobiphenyl

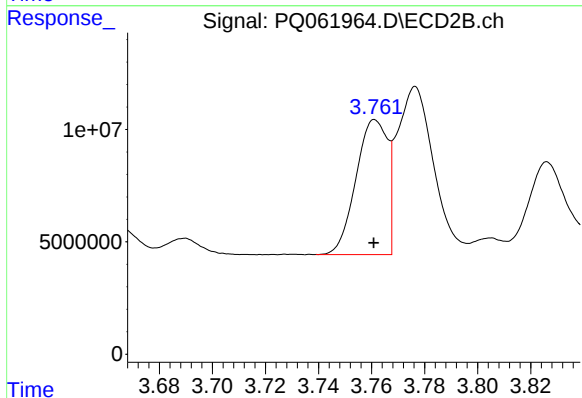
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 167923381
Conc: 50.39 ng/ml



#3 AR-1016-1

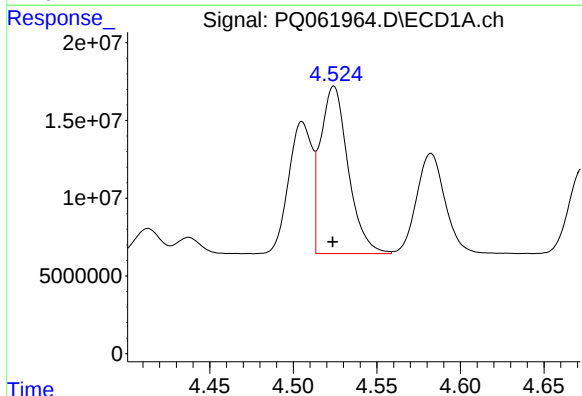
R.T.: 4.505 min
Delta R.T.: 0.001 min
Response: 82612886
Conc: 501.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



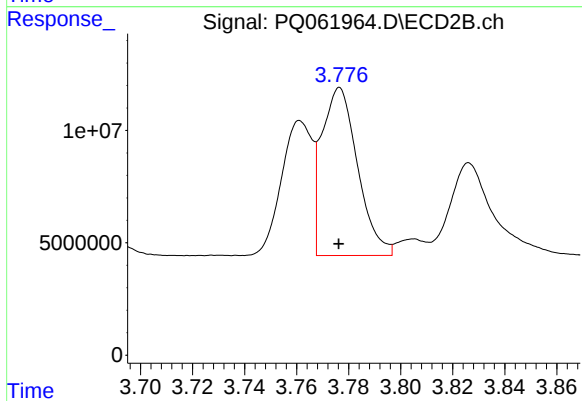
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 49282993
Conc: 497.93 ng/ml



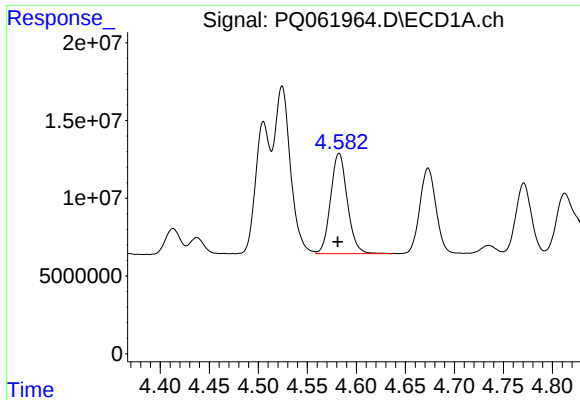
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123861185
Conc: 500.92 ng/ml



#4 AR-1016-2

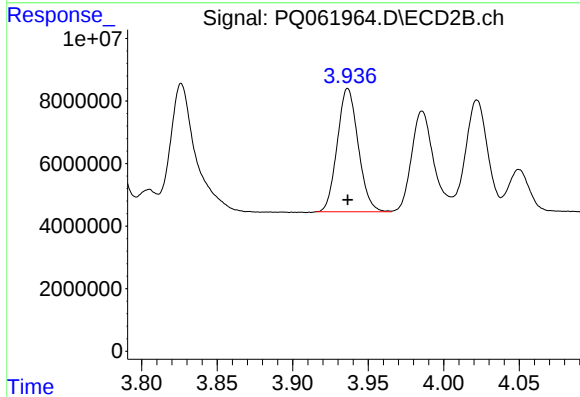
R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 71591170
Conc: 496.47 ng/ml



#5 AR-1016-3

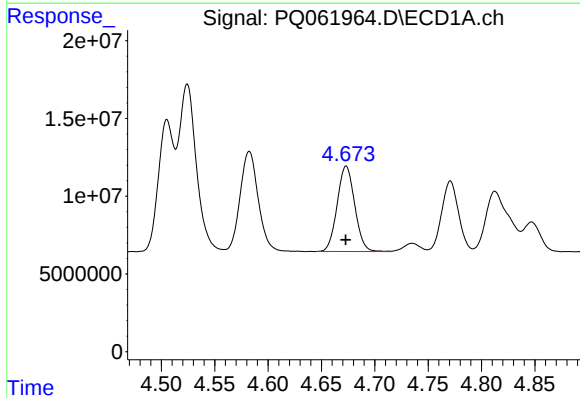
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 76442613
Conc: 501.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



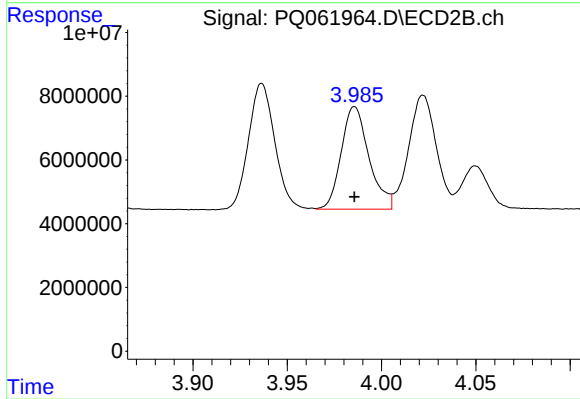
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38161532
Conc: 505.83 ng/ml



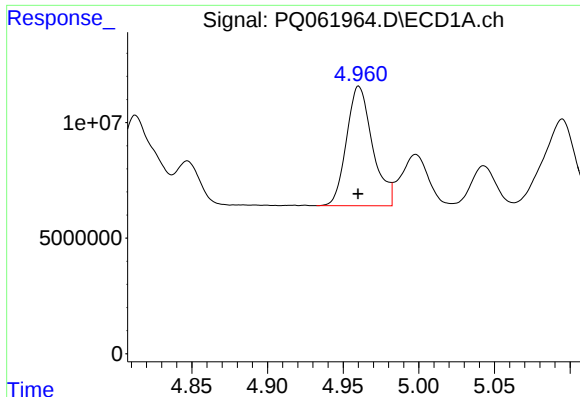
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63010378
Conc: 502.69 ng/ml



#6 AR-1016-4

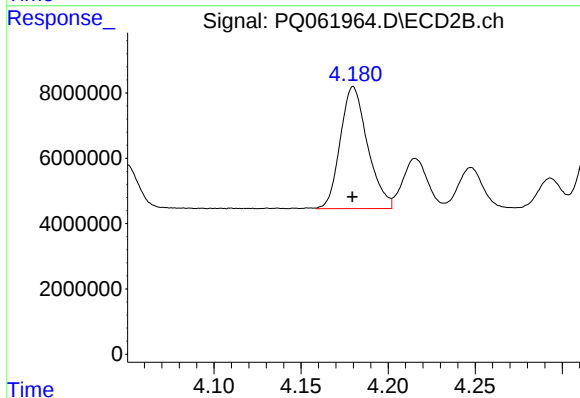
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 32965648
Conc: 501.92 ng/ml



#7 AR-1016-5

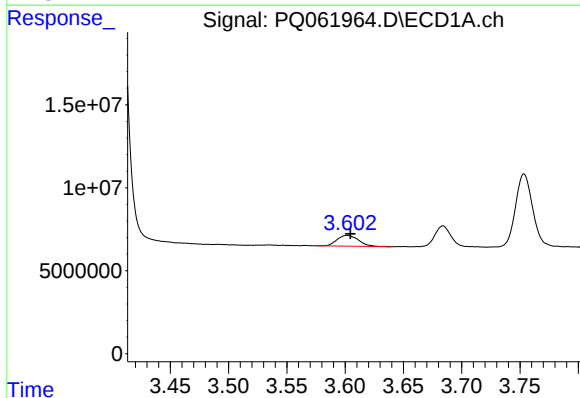
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61889388
Conc: 508.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



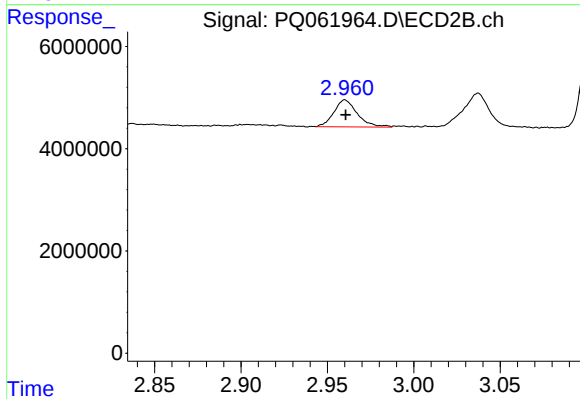
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 40761213
Conc: 497.20 ng/ml



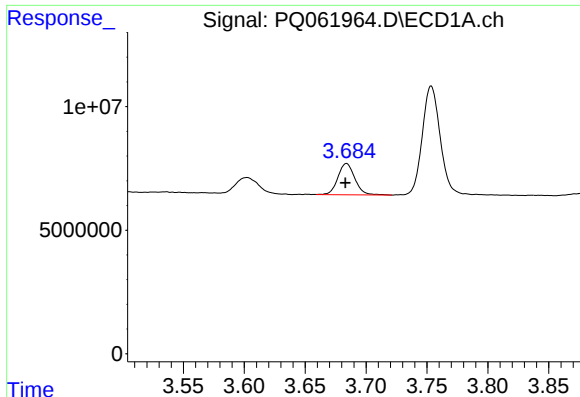
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 8370326
Conc: 139.26 ng/ml



#8 AR-1221-1

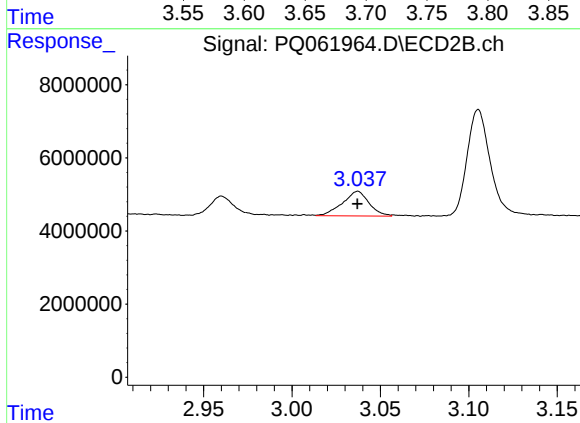
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 4988271
Conc: 151.18 ng/ml



#9 AR-1221-2

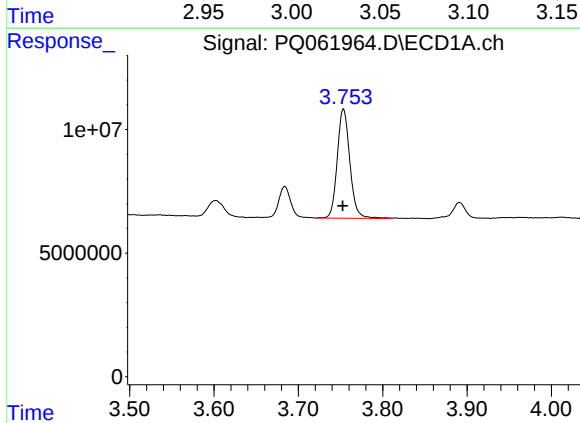
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 12411989
Conc: 276.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



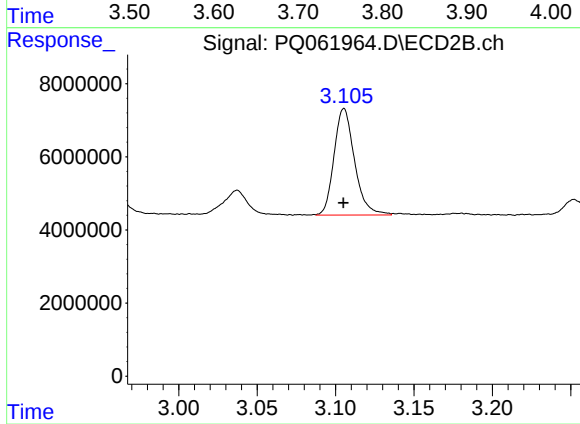
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 7056697
Conc: 277.82 ng/ml



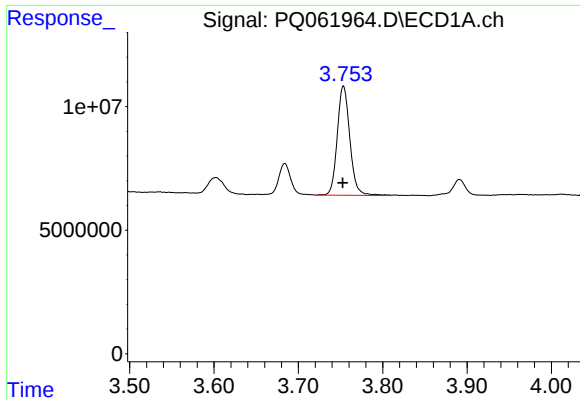
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 45957211
Conc: 327.06 ng/ml



#10 AR-1221-3

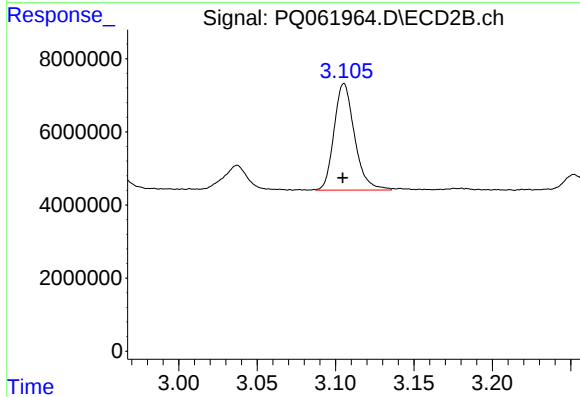
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 26544555
Conc: 344.33 ng/ml



#11 AR-1232-1

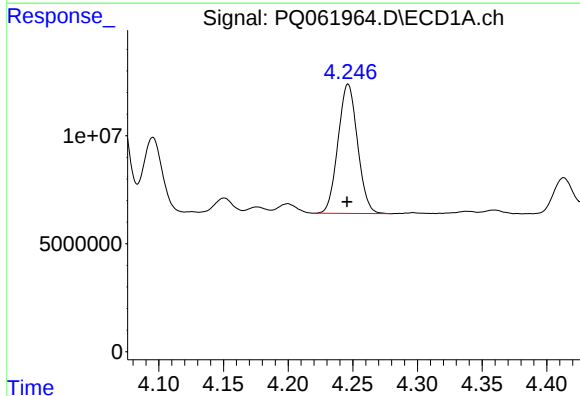
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 45957211
Conc: 435.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



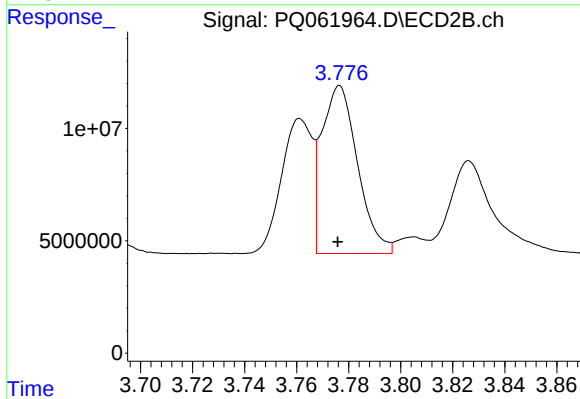
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 26544555
Conc: 463.27 ng/ml



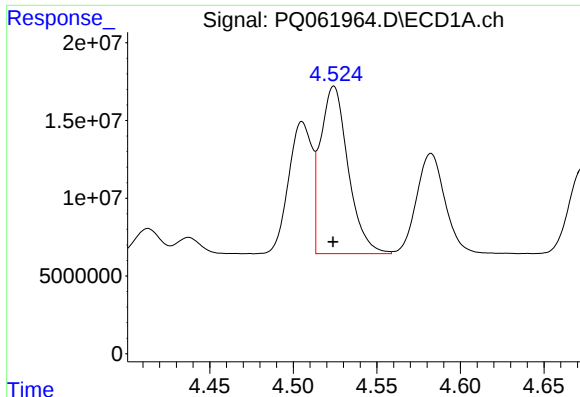
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 62903449
Conc: 1063.44 ng/ml



#12 AR-1232-2

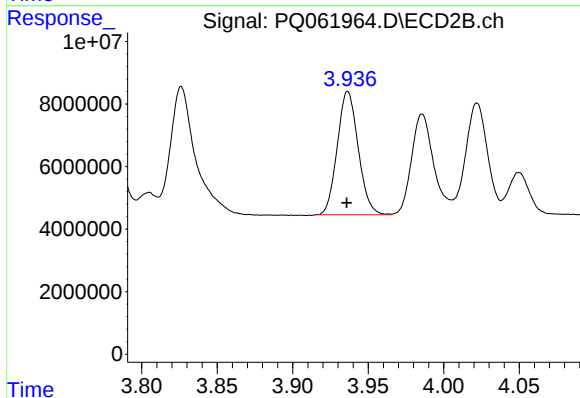
R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 71591170
Conc: 1075.67 ng/ml



#13 AR-1232-3

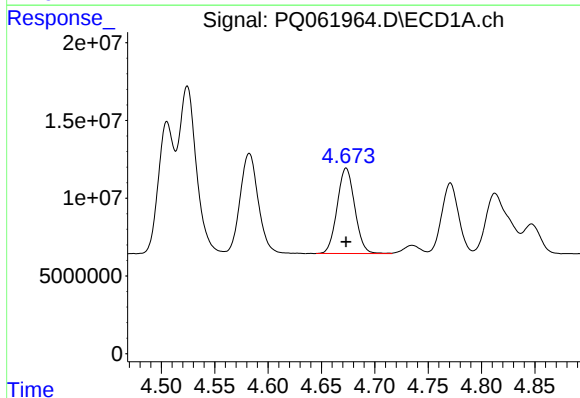
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123861185
Conc: 1095.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



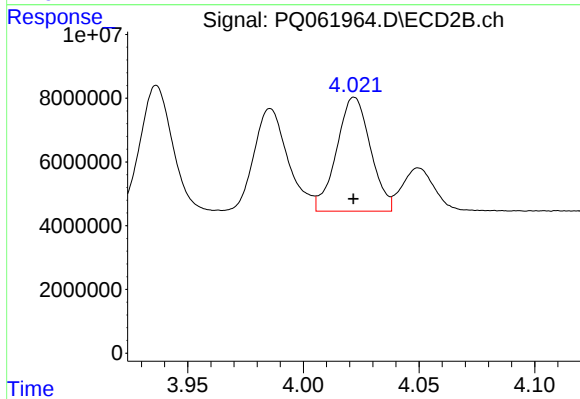
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38161532
Conc: 1104.37 ng/ml



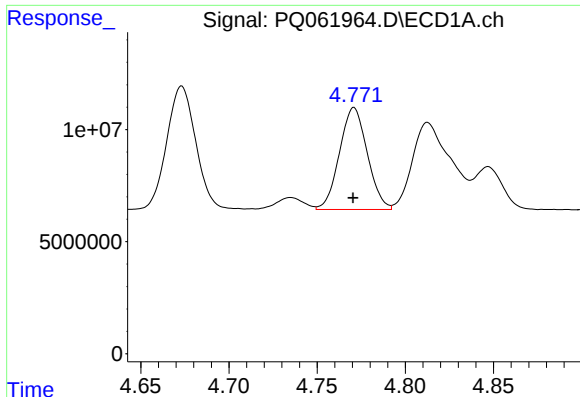
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63010378
Conc: 1111.95 ng/ml



#14 AR-1232-4

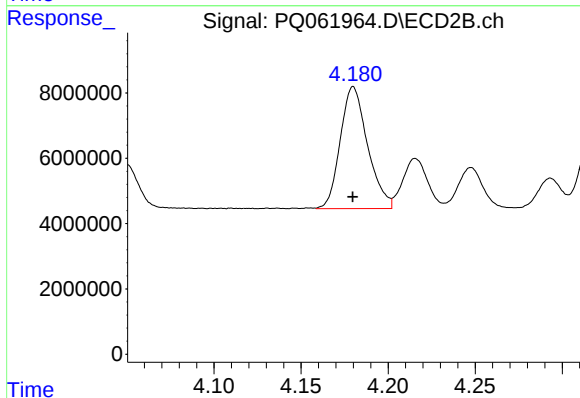
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36410095
Conc: 1224.29 ng/ml



#15 AR-1232-5

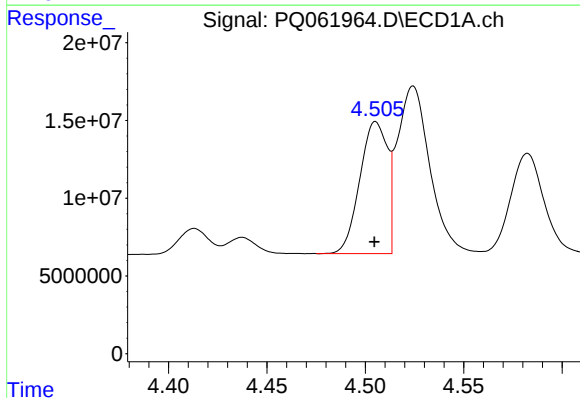
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49959466
Conc: 1247.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



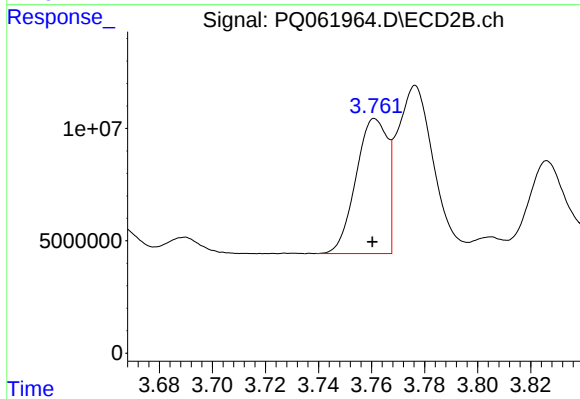
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 40761213
Conc: 1143.02 ng/ml



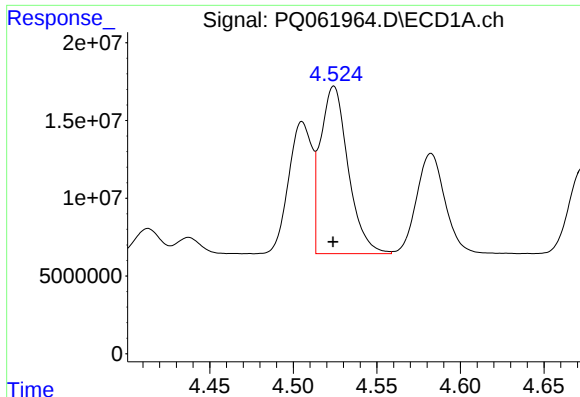
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82612886
Conc: 632.06 ng/ml



#16 AR-1242-1

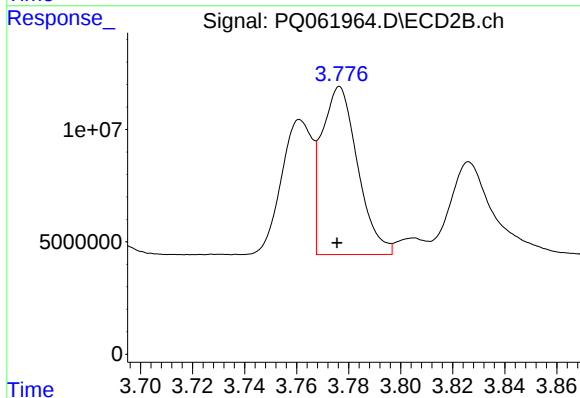
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 49282993
Conc: 637.23 ng/ml



#17 AR-1242-2

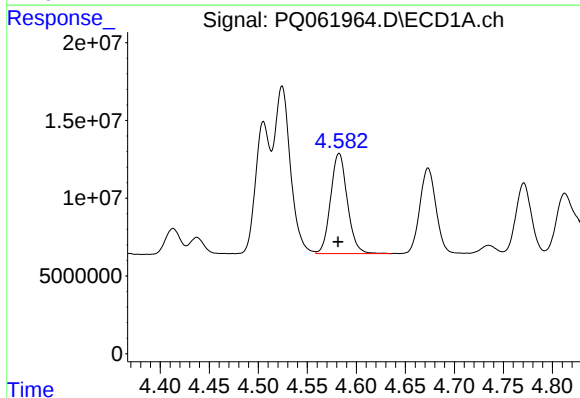
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123861185
Conc: 638.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



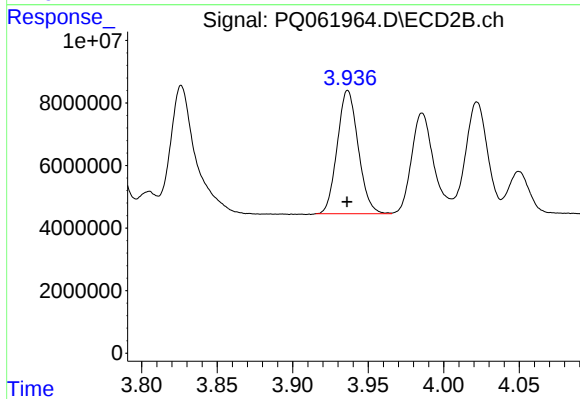
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: 0.001 min
Response: 71591170
Conc: 644.04 ng/ml



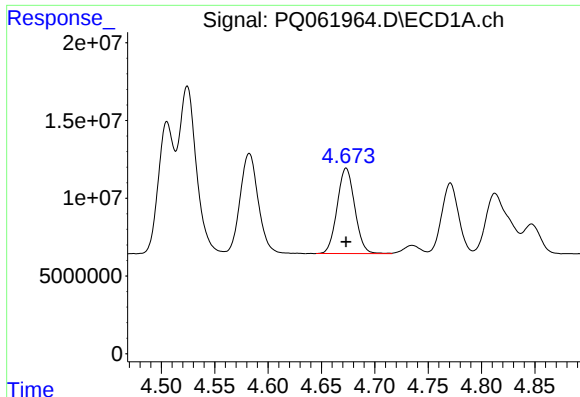
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 76442613
Conc: 632.57 ng/ml



#18 AR-1242-3

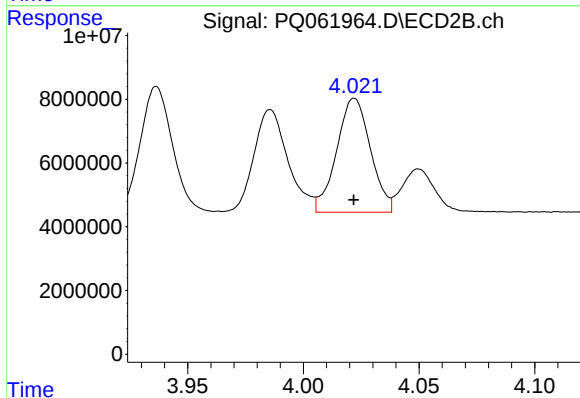
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38161532
Conc: 651.49 ng/ml



#19 AR-1242-4

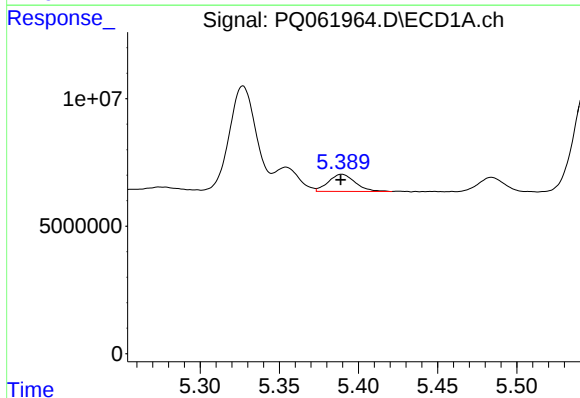
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63010378
Conc: 646.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



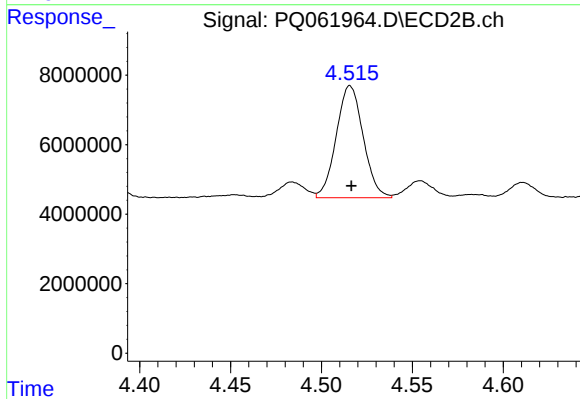
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36410095
Conc: 621.03 ng/ml



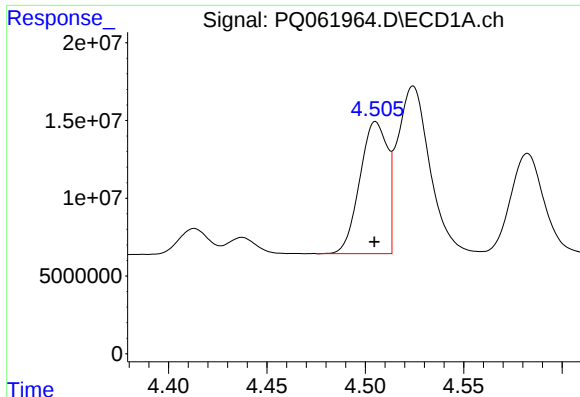
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7874987
Conc: 82.26 ng/ml



#20 AR-1242-5

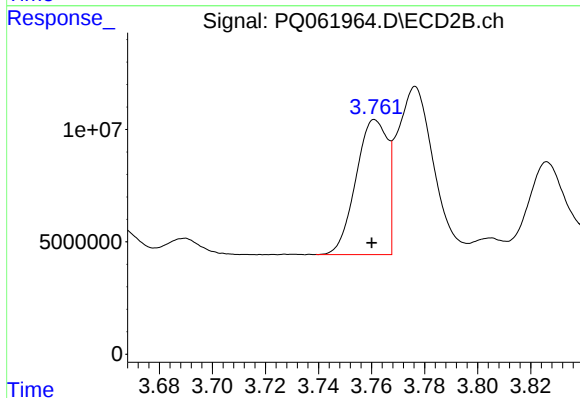
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 33260846
Conc: 401.25 ng/ml



#21 AR-1248-1

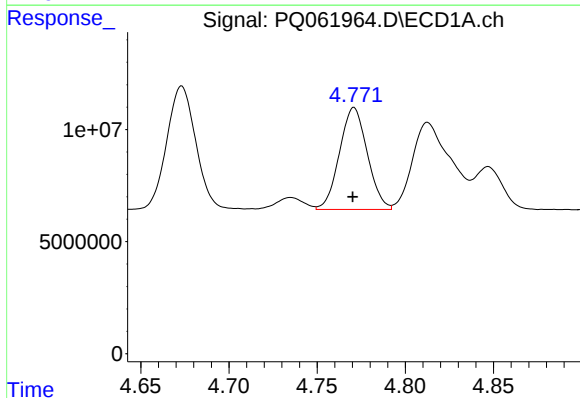
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 82612886
Conc: 794.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



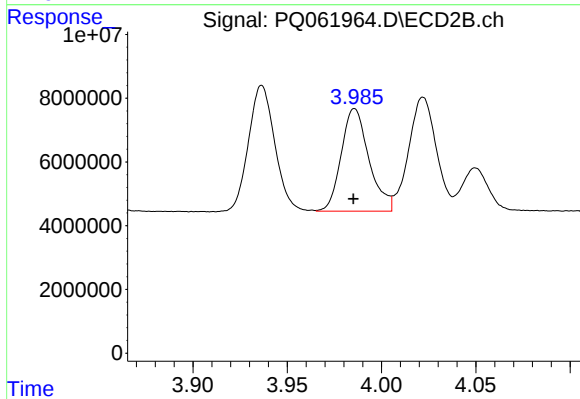
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.001 min
Response: 49282993
Conc: 788.27 ng/ml



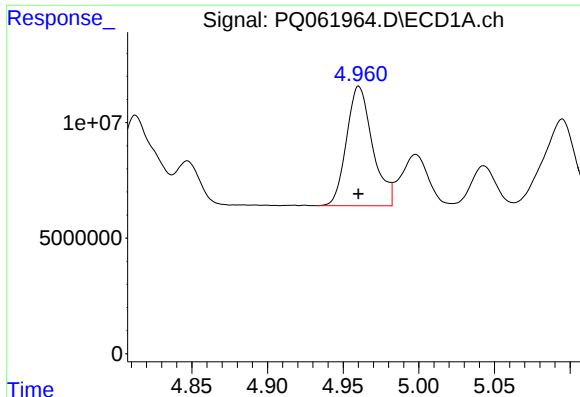
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49959466
Conc: 347.76 ng/ml



#22 AR-1248-2

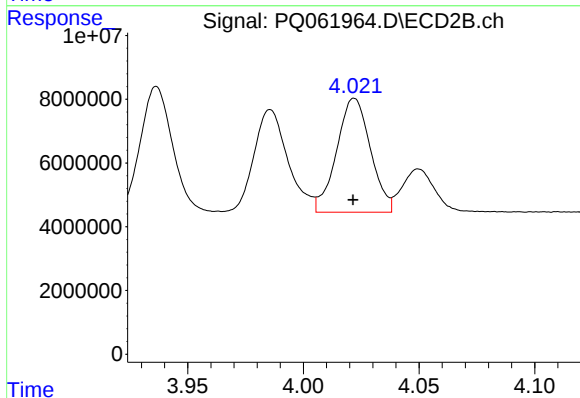
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 32965648
Conc: 351.56 ng/ml



#23 AR-1248-3

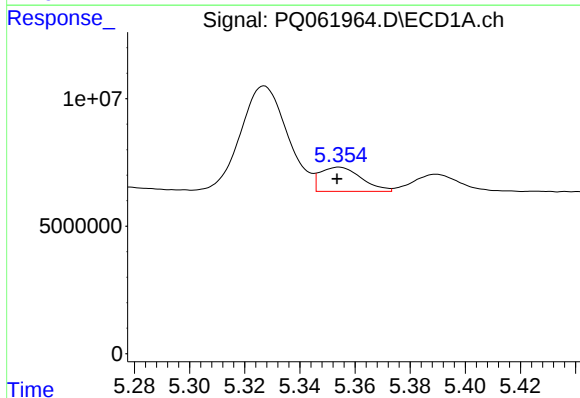
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61889388
Conc: 356.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



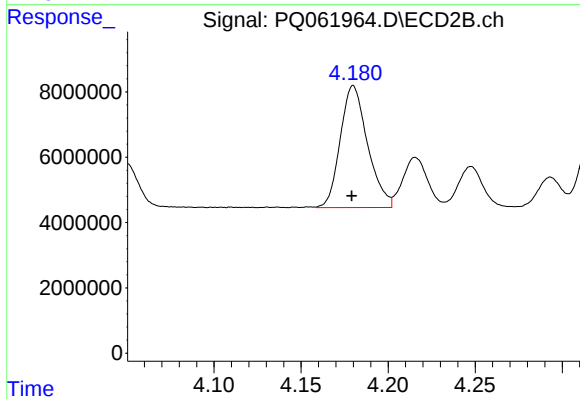
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36410095
Conc: 402.13 ng/ml



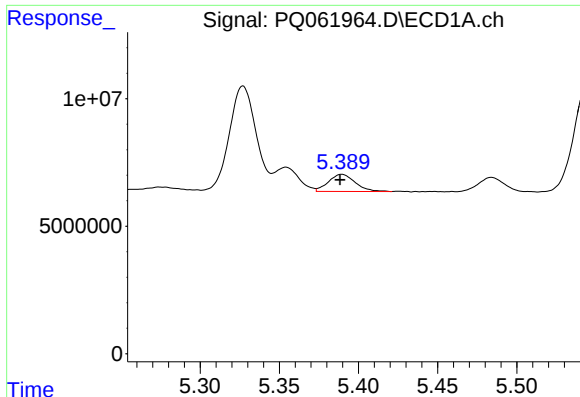
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 9822622
Conc: 51.18 ng/ml



#24 AR-1248-4

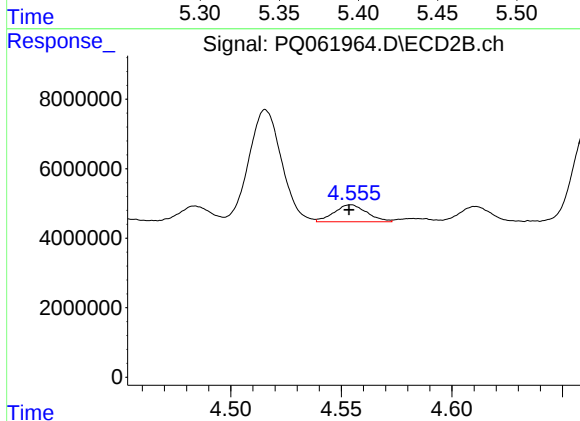
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 40761213
Conc: 361.23 ng/ml



#25 AR-1248-5

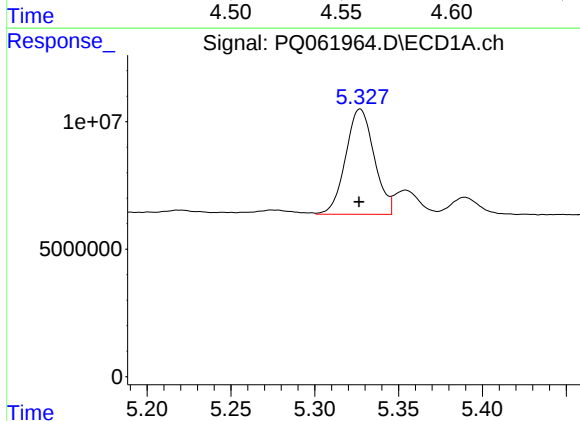
R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 7874987
Conc: 43.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



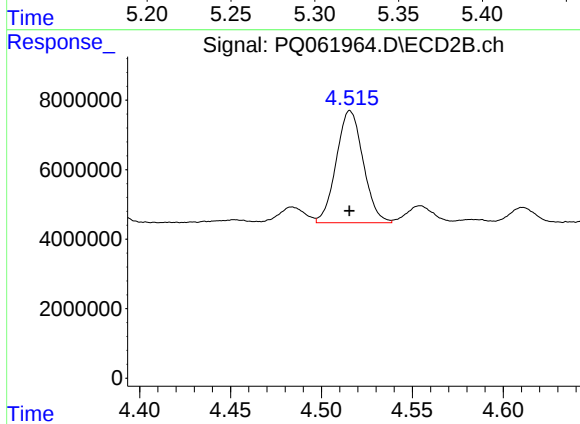
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 5047552
Conc: 45.05 ng/ml



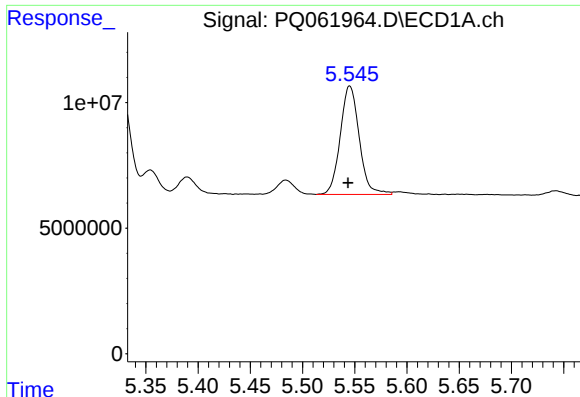
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 48860881
Conc: 262.95 ng/ml



#26 AR-1254-1

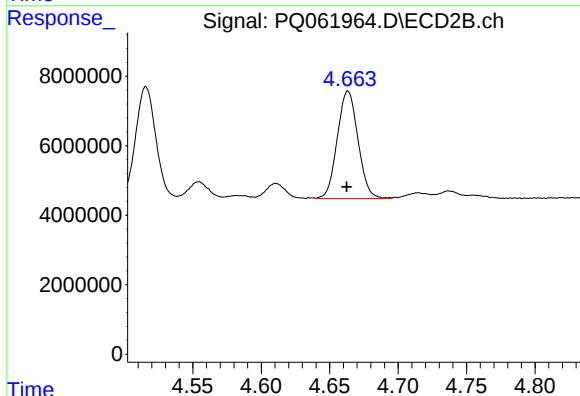
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 33260846
Conc: 206.00 ng/ml



#27 AR-1254-2

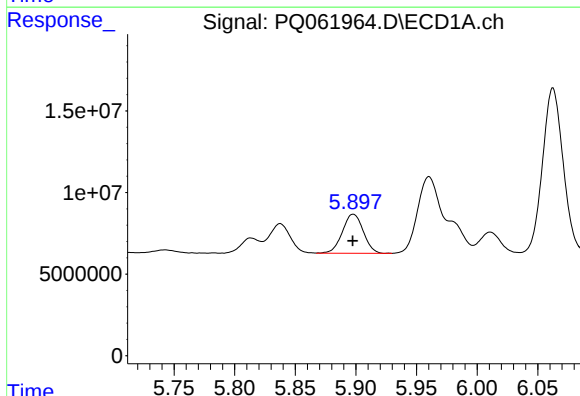
R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 54635694
Conc: 187.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



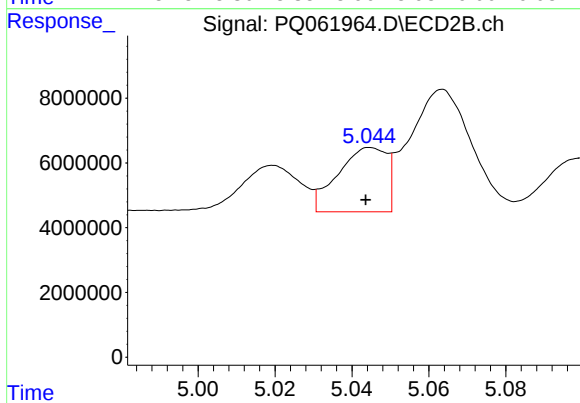
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: 0.001 min
Response: 32616493
Conc: 221.54 ng/ml



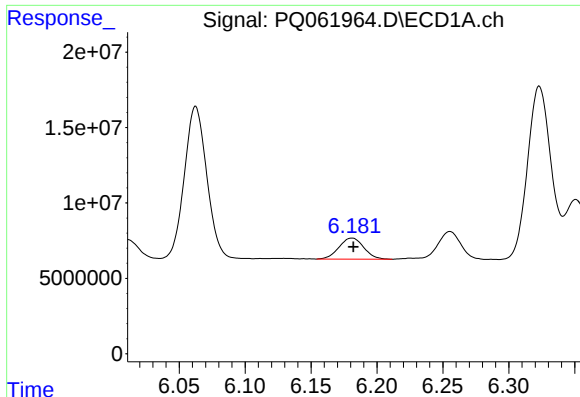
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 28715407
Conc: 93.49 ng/ml



#28 AR-1254-3

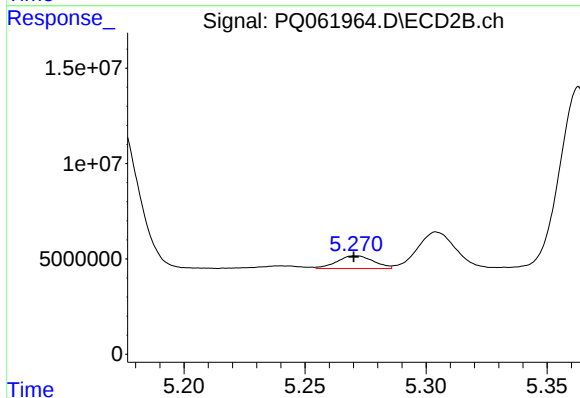
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 17465912
Conc: 74.74 ng/ml



#29 AR-1254-4

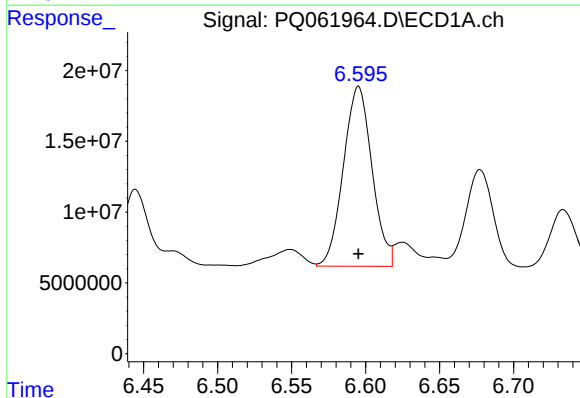
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 18270891
Conc: 78.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



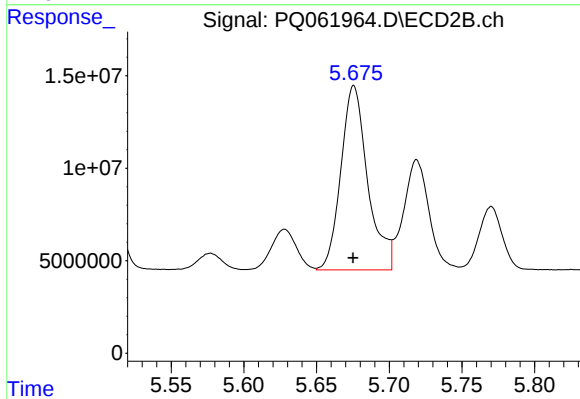
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 6970225
Conc: 45.73 ng/ml



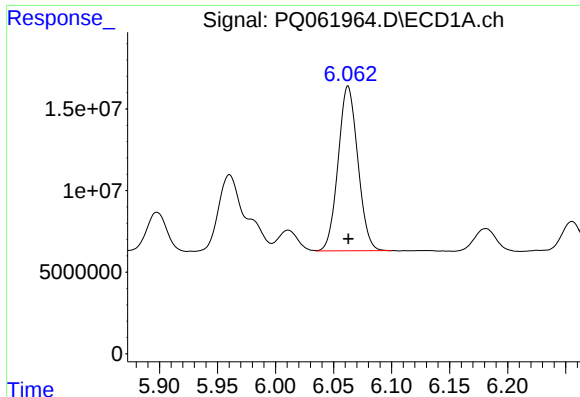
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 171119714
Conc: 666.17 ng/ml



#30 AR-1254-5

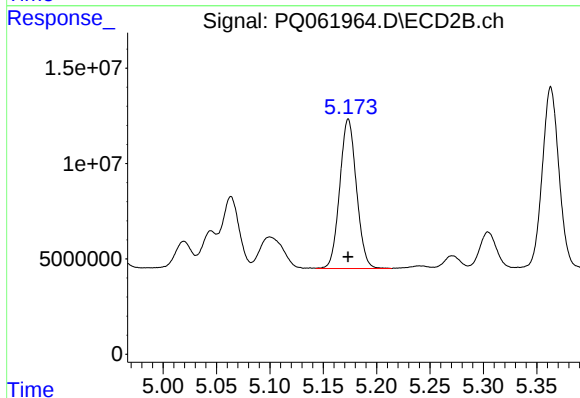
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 128119479
Conc: 555.12 ng/ml



#31 AR-1260-1

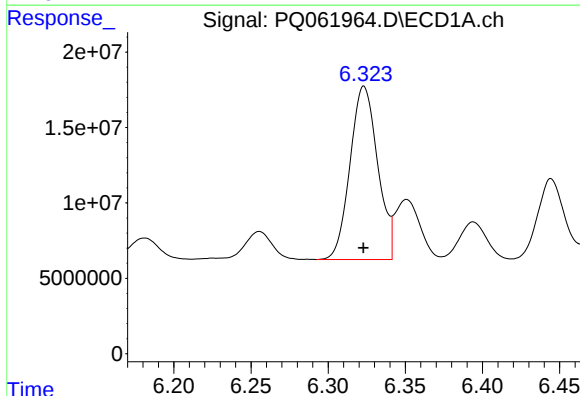
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 119272572
Conc: 505.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



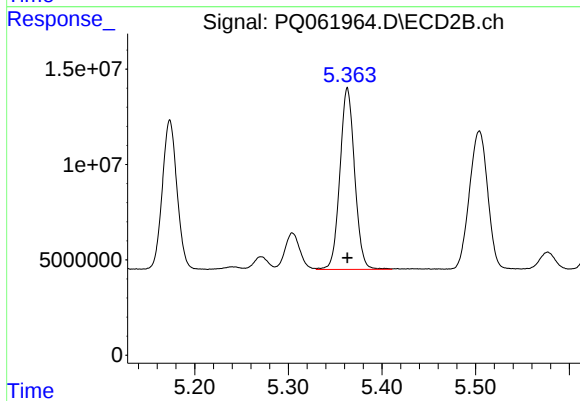
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 85479867
Conc: 513.23 ng/ml



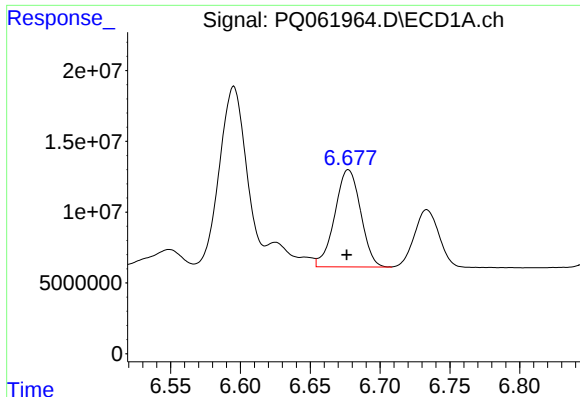
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 143079189
Conc: 495.41 ng/ml



#32 AR-1260-2

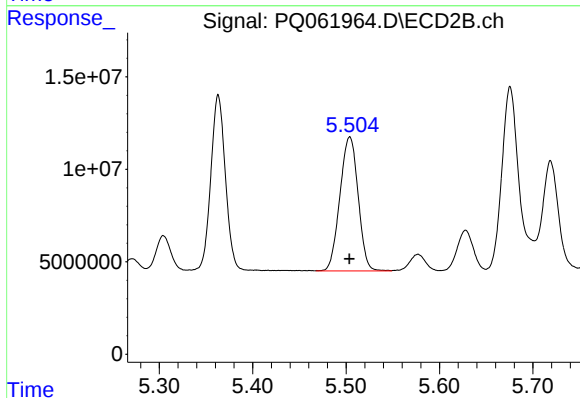
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 104104623
Conc: 500.63 ng/ml



#33 AR-1260-3

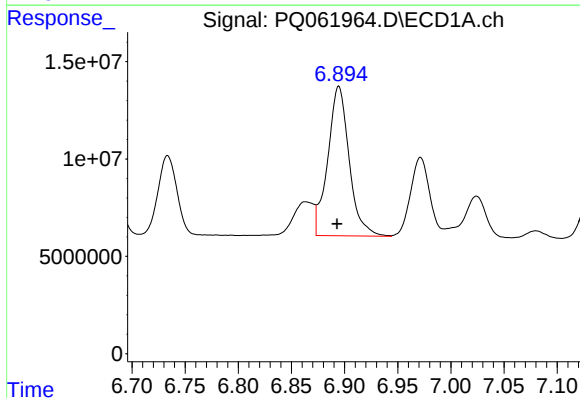
R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 88473259
Conc: 501.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



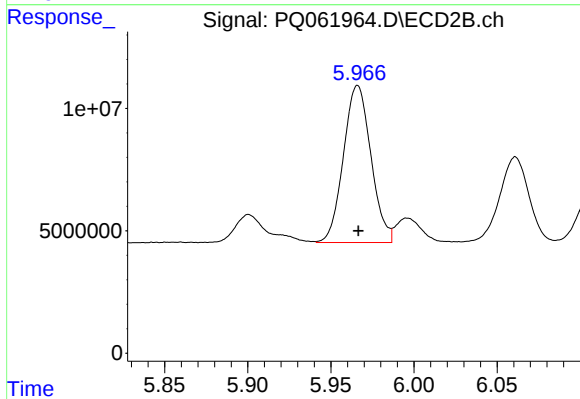
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 98479247
Conc: 506.17 ng/ml



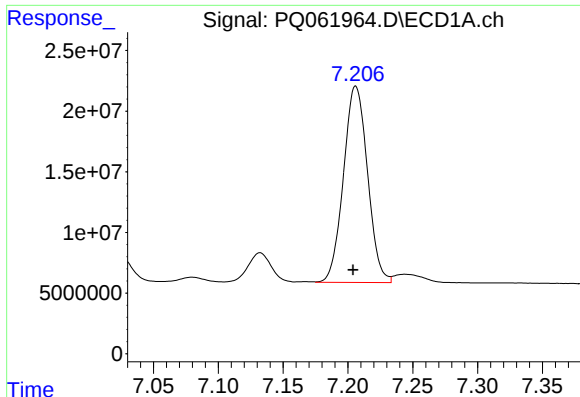
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 107618713
Conc: 510.89 ng/ml



#34 AR-1260-4

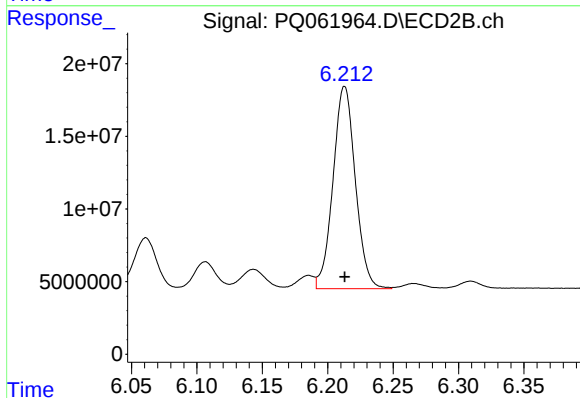
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 73904065
Conc: 506.67 ng/ml



#35 AR-1260-5

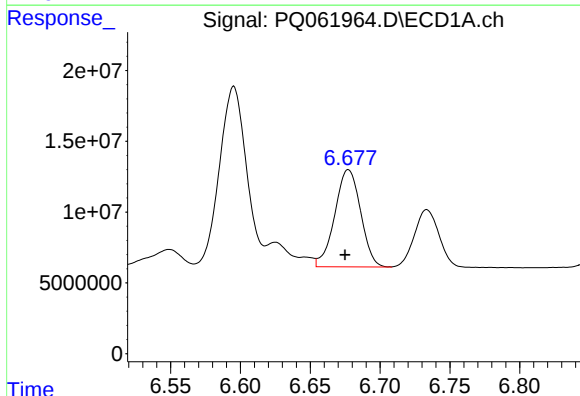
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 209191366
Conc: 509.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



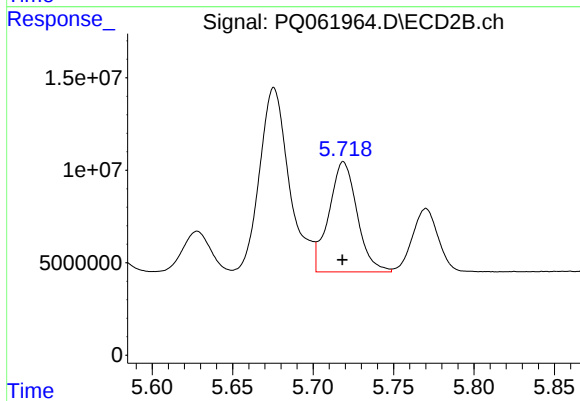
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 165512175
Conc: 498.44 ng/ml



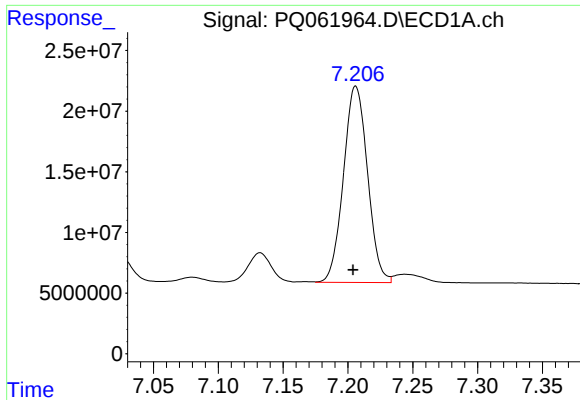
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 88473259
Conc: 290.13 ng/ml



#36 AR-1262-1

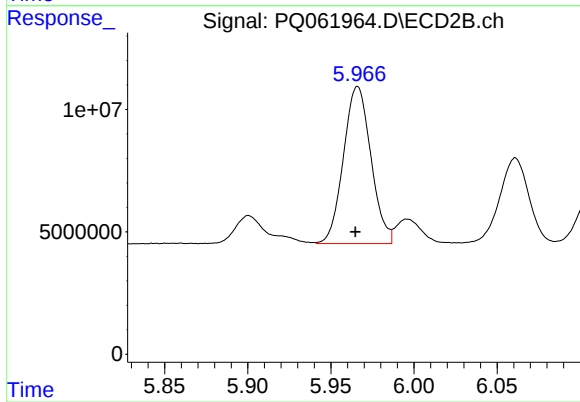
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 72851686
Conc: 313.38 ng/ml



#37 AR-1262-2

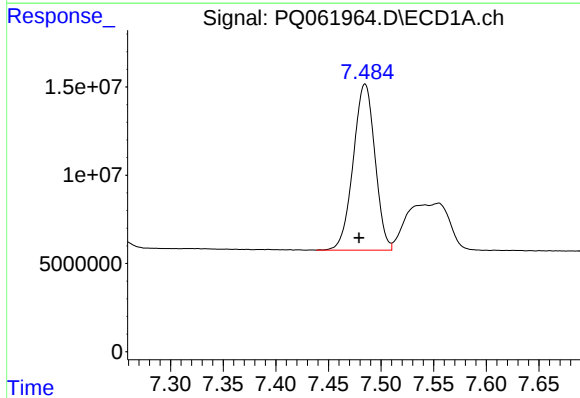
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 209191366
Conc: 397.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



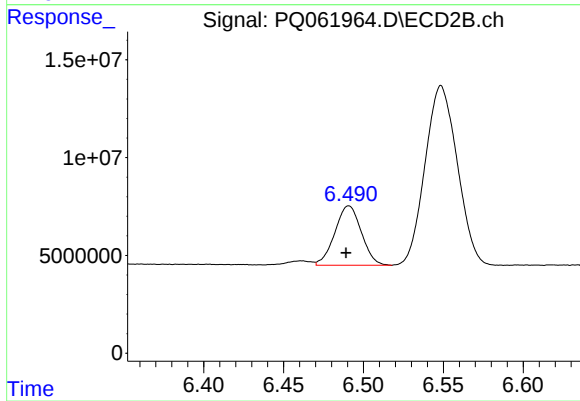
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.001 min
Response: 73904065
Conc: 341.82 ng/ml



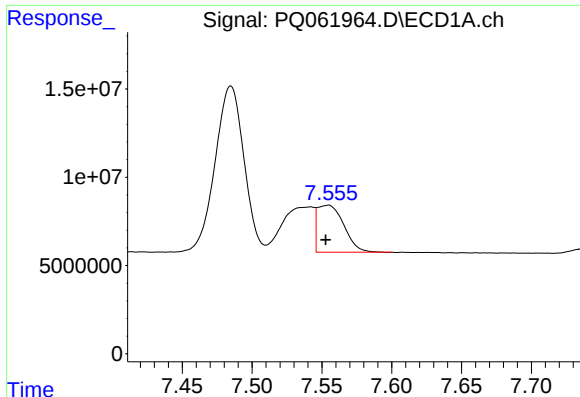
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.006 min
Response: 135335332
Conc: 384.14 ng/ml



#38 AR-1262-3

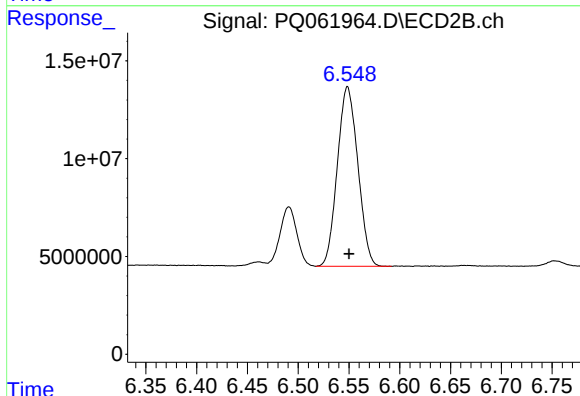
R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 35129286
Conc: 201.51 ng/ml



#39 AR-1262-4

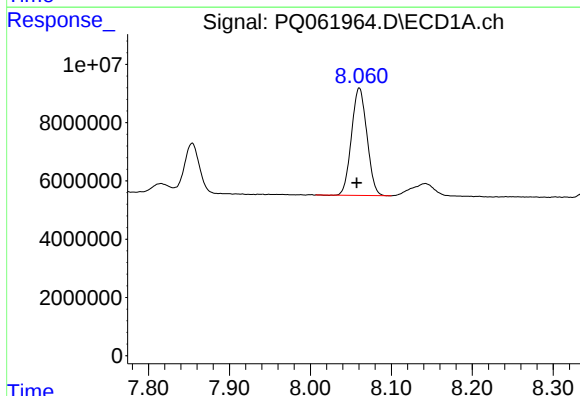
R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 35056641
Conc: 131.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



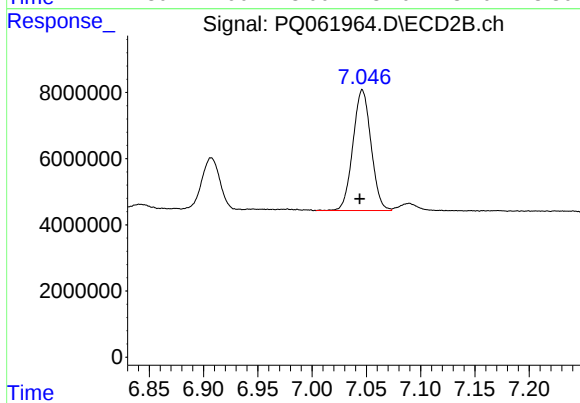
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 129045782
Conc: 400.40 ng/ml



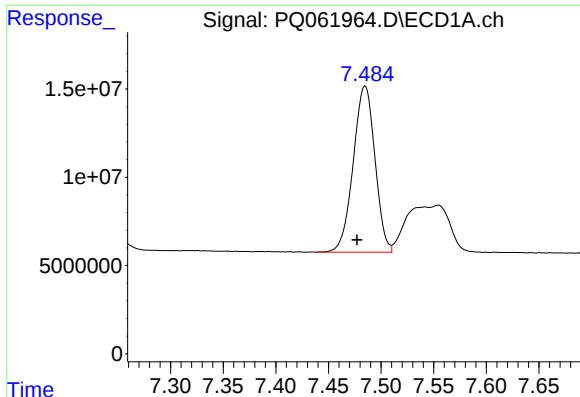
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 48777785
Conc: 274.79 ng/ml



#40 AR-1262-5

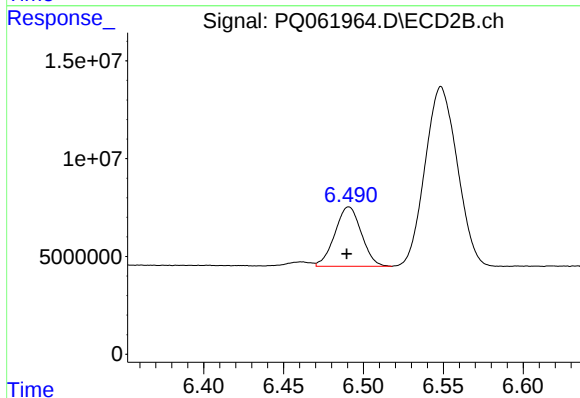
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 42386321
Conc: 273.26 ng/ml



#41 AR-1268-1

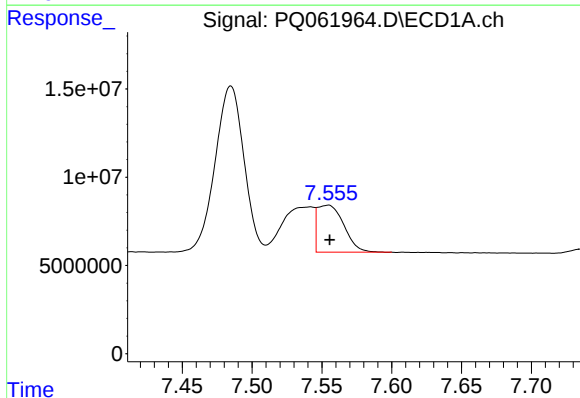
R.T.: 7.485 min
Delta R.T.: 0.008 min
Response: 135335332
Conc: 238.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



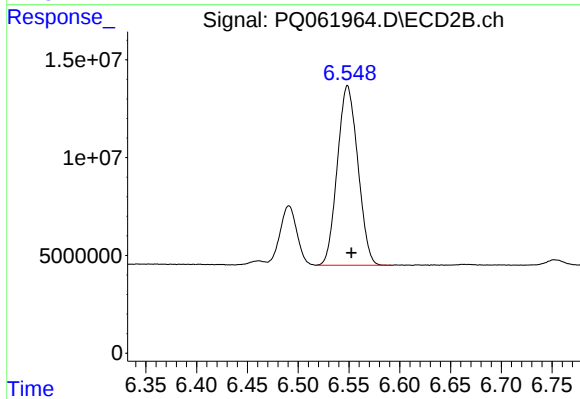
#41 AR-1268-1

R.T.: 6.491 min
Delta R.T.: 0.001 min
Response: 35129286
Conc: 74.66 ng/ml



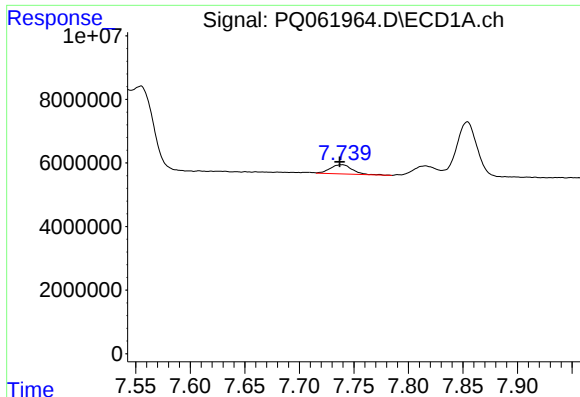
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 35056641
Conc: 68.76 ng/ml



#42 AR-1268-2

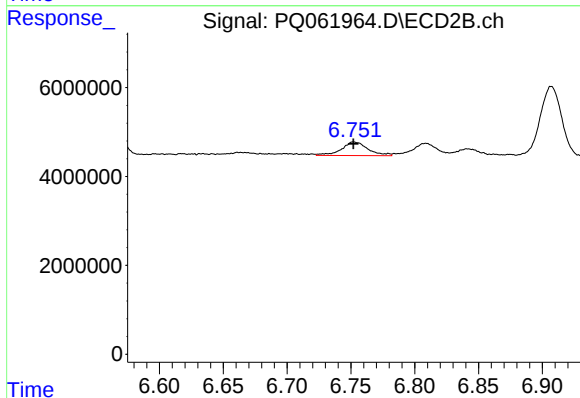
R.T.: 6.549 min
Delta R.T.: -0.004 min
Response: 129045782
Conc: 304.57 ng/ml



#43 AR-1268-3

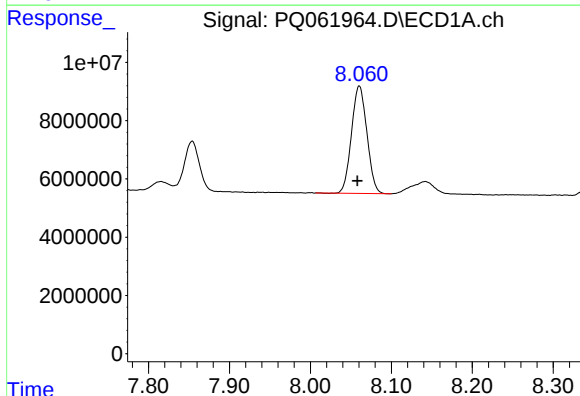
R.T.: 7.739 min
Delta R.T.: 0.002 min
Response: 4076379
Conc: 9.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



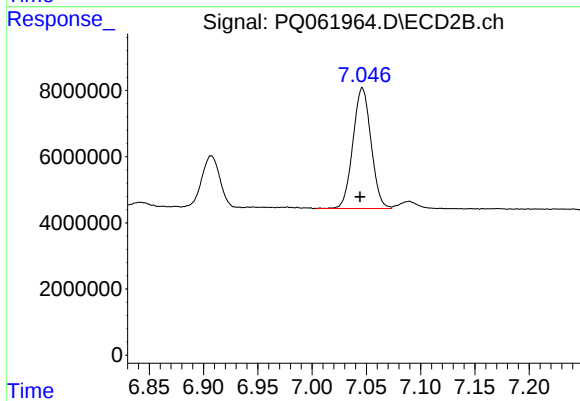
#43 AR-1268-3

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 4420962
Conc: 12.00 ng/ml



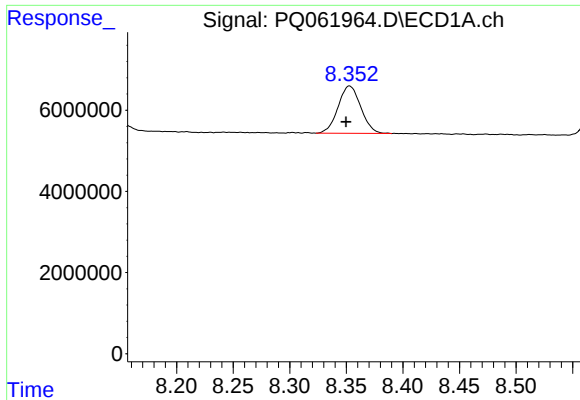
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 48777785
Conc: 266.57 ng/ml



#44 AR-1268-4

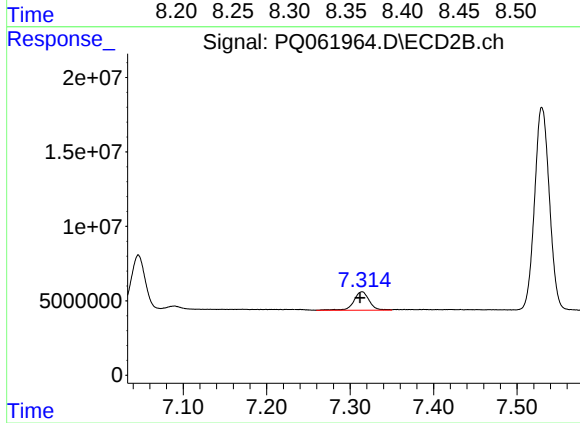
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 42386321
Conc: 265.02 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 16340681
Conc: 12.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: 0.002 min
Response: 15871444
Conc: 13.60 ng/ml