

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
 Data File : PQ061972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 17:57
 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 22:01:46 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	134.7E6	50.480	53.691
2)	SA Decachlor...	8.586	7.529	188.1E6	169.8E6	51.786	50.955
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	83018379	49518786	504.003	500.314
4)	L1 AR-1016-2	4.524	3.776	123.4E6	73595791	499.157	510.377
5)	L1 AR-1016-3	4.583	3.936	76232442	39537550	500.194	524.074
6)	L1 AR-1016-4	4.674	3.986	63060452	34413098	503.094	523.958
7)	L1 AR-1016-5	4.961	4.180	61828611	41949782	507.971	511.697
8)	L2 AR-1221-1	3.601	2.960	8376645	4925635	139.360	149.277
9)	L2 AR-1221-2	3.684	3.037	13039384	7004503	290.198	275.767
10)	L2 AR-1221-3	3.754	3.106	49038110	26707142	348.980	346.437
11)	L3 AR-1232-1	3.754	3.106	49038110	26707142	464.370	466.104
12)	L3 AR-1232-2	4.247	3.776	63017428	73595791	1065.363	1105.790
13)	L3 AR-1232-3	4.524	3.936	123.4E6	39537550	1091.484	1144.193
14)	L3 AR-1232-4	4.674	4.022	63060452	37863582	1112.836	1273.161
15)	L3 AR-1232-5	4.771	4.180	49830084	41949782	1244.197	1176.354
16)	L4 AR-1242-1	4.505	3.761	83018379	49518786	635.163	640.282
17)	L4 AR-1242-2	4.524	3.776	123.4E6	73595791	635.761	662.079
18)	L4 AR-1242-3	4.583	3.936	76232442	39537550	630.833	674.978
19)	L4 AR-1242-4	4.674	4.022	63060452	37863582	646.868	645.826
20)	L4 AR-1242-5	5.390	4.516	7699382	34909948	80.428	421.147 #
21)	L5 AR-1248-1	4.505	3.761	83018379	49518786	798.418	792.043
22)	L5 AR-1248-2	4.771	3.986	49830084	34413098	346.856	367.000
23)	L5 AR-1248-3	4.961	4.022	61828611	37863582	355.924	418.180
24)	L5 AR-1248-4	5.355	4.180	9724574	41949782	50.667	371.765 #
25)	L5 AR-1248-5	5.390	4.554	7699382	5352568	42.509	47.777
26)	L6 AR-1254-1	5.328	4.516	48290299	34909948	259.875	216.210
27)	L6 AR-1254-2	5.546	4.663	54629311	34242192	187.915	232.585
28)	L6 AR-1254-3	5.899	5.045	28846815	18082443	93.921	77.374
29)	L6 AR-1254-4	6.181	5.271	18905035	7882730	81.419	51.719 #
30)	L6 AR-1254-5	6.595	5.676	173.4E6	131.8E6	674.983	570.999
31)	L7 AR-1260-1	6.064	5.173	120.4E6	87388049	510.302	524.685
32)	L7 AR-1260-2	6.324	5.363	144.0E6	107.4E6	498.662	516.266
33)	L7 AR-1260-3	6.678	5.505	90245557	100.6E6	511.085	516.837
34)	L7 AR-1260-4	6.895	5.966	108.7E6	75308343	515.983	516.300
35)	L7 AR-1260-5	7.206	6.213	213.7E6	168.2E6	520.511	506.530
36)	L8 AR-1262-1	6.678	5.719	90245557	74912195	295.944	322.242
37)	L8 AR-1262-2	7.206	5.966	213.7E6	75308343	405.774	348.315
38)	L8 AR-1262-3	7.485	6.491	136.3E6	36064652	386.758	206.878 #
39)	L8 AR-1262-4	7.554	6.548	76104846	131.6E6	285.336	408.474 #
40)	L8 AR-1262-5	8.060	7.046	49620195	43675845	279.536	281.571
41)	L9 AR-1268-1	7.485	6.491	136.3E6	36064652	240.108	76.646 #

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 Acq On : 06 Jul 2023 17:57
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

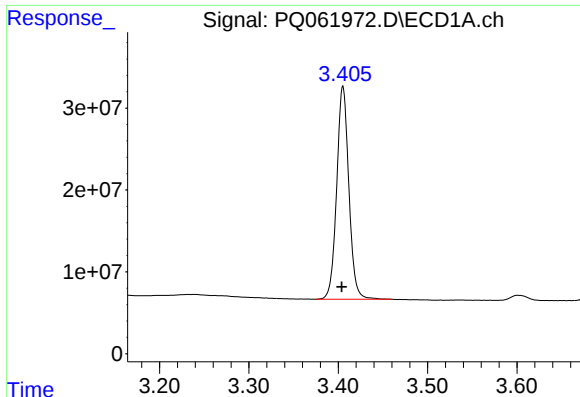
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 22:01:46 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
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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	7.554	6.548	76104846	131.6E6	149.262	310.711 #
43) L9	AR-1268-3	7.739	6.754	4058929	3485440	9.511	9.463
44) L9	AR-1268-4	8.060	7.046	49620195	43675845	271.171	273.083
45) L9	AR-1268-5	8.353	7.314	16279813	16570067	12.913	14.199

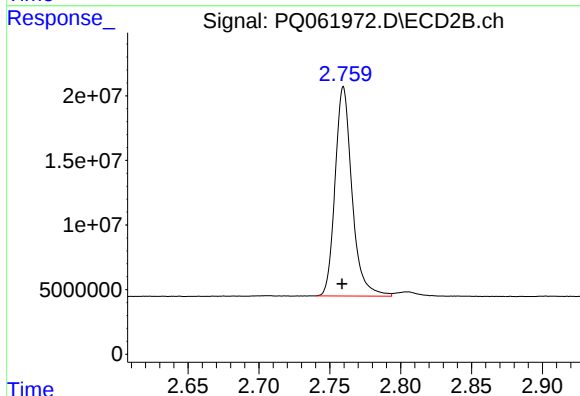
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

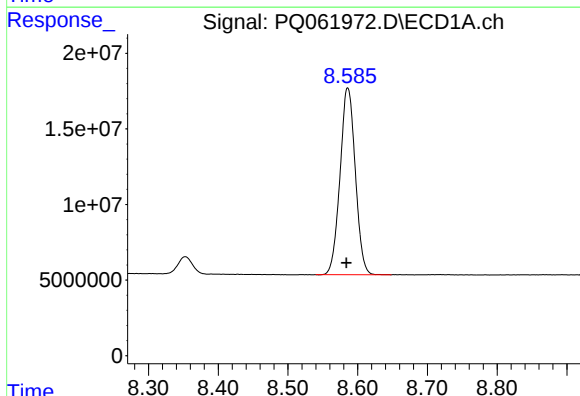
R.T.: 3.405 min
Delta R.T.: 0.001 min
Response: 246251573
Conc: 50.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



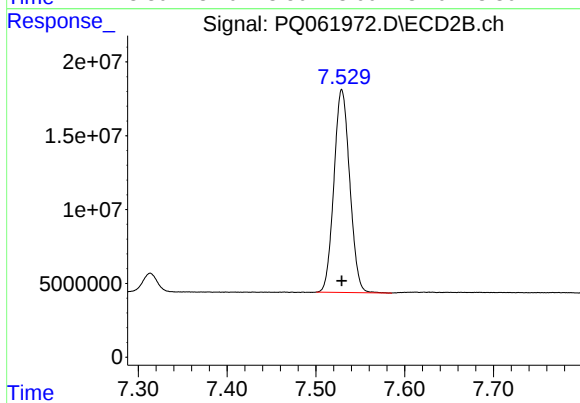
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.001 min
Response: 134715795
Conc: 53.69 ng/ml



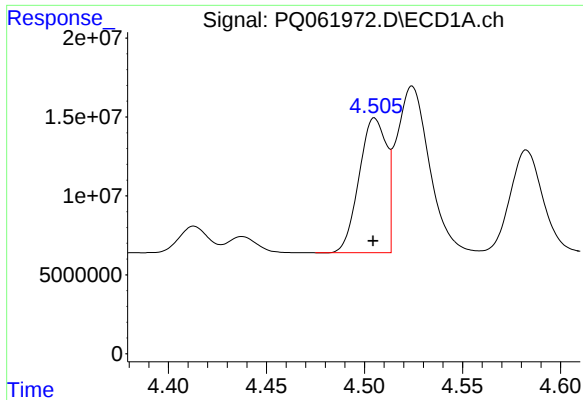
#2 Decachlorobiphenyl

R.T.: 8.586 min
Delta R.T.: 0.002 min
Response: 188127338
Conc: 51.79 ng/ml



#2 Decachlorobiphenyl

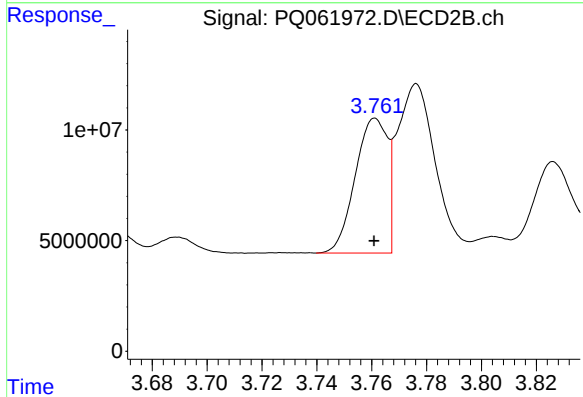
R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 169790658
Conc: 50.95 ng/ml



#3 AR-1016-1

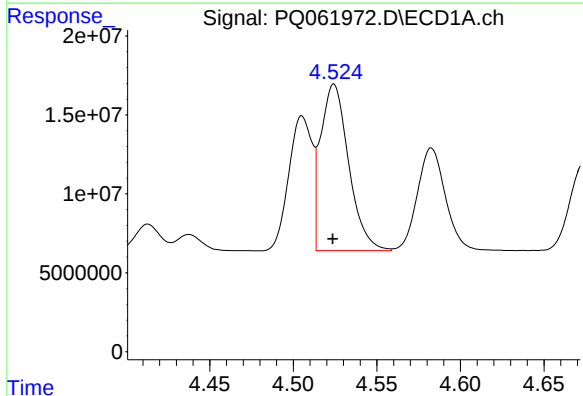
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83018379
Conc: 504.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



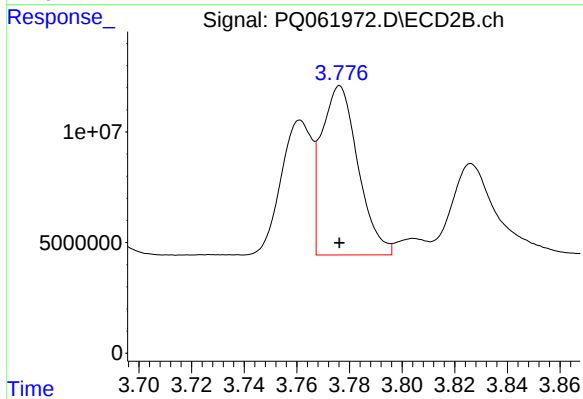
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 49518786
Conc: 500.31 ng/ml



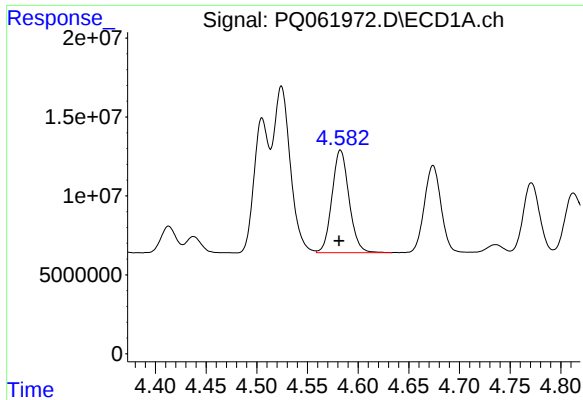
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123425641
Conc: 499.16 ng/ml



#4 AR-1016-2

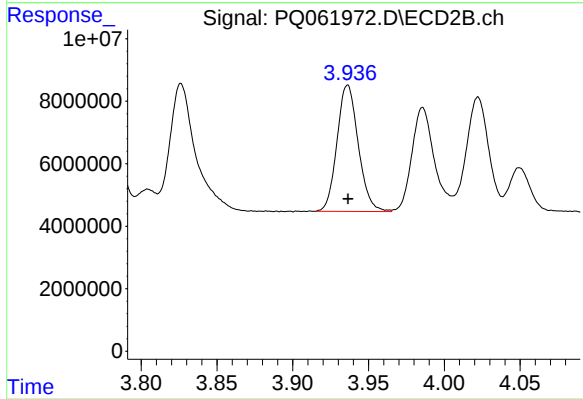
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 73595791
Conc: 510.38 ng/ml



#5 AR-1016-3

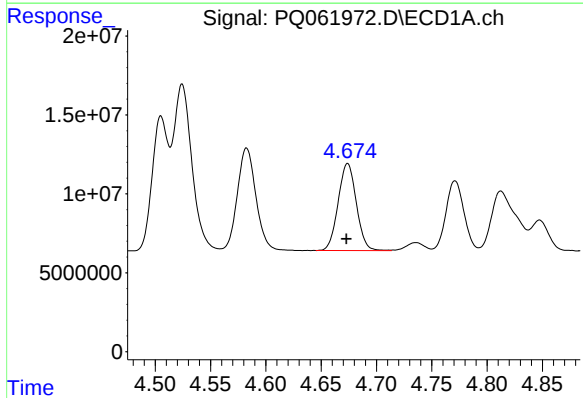
R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 76232442
Conc: 500.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



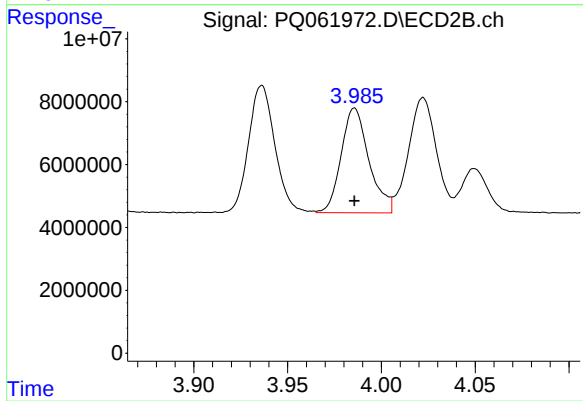
#5 AR-1016-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 39537550
Conc: 524.07 ng/ml



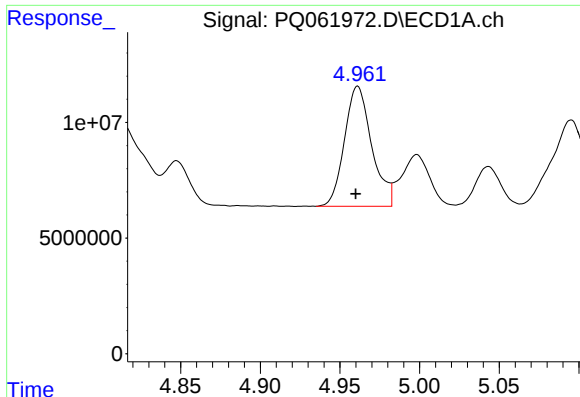
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.001 min
Response: 63060452
Conc: 503.09 ng/ml



#6 AR-1016-4

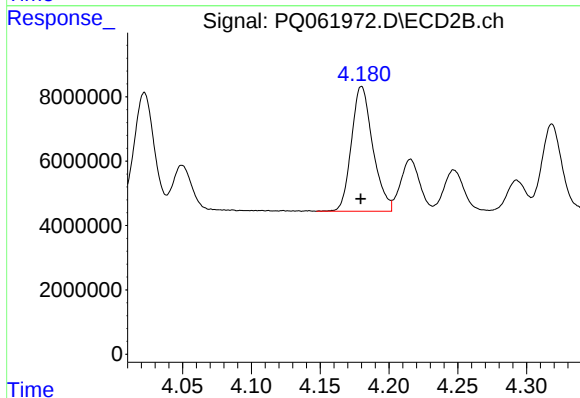
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 34413098
Conc: 523.96 ng/ml



#7 AR-1016-5

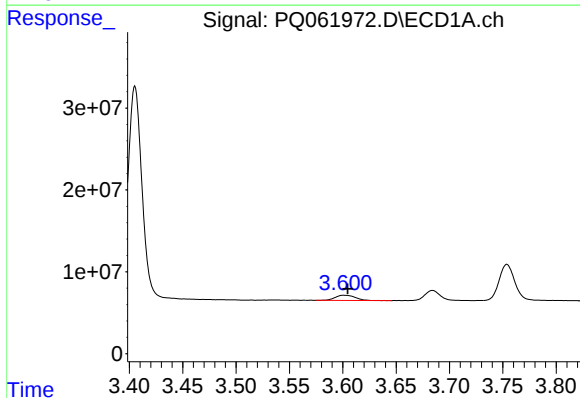
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 61828611
Conc: 507.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



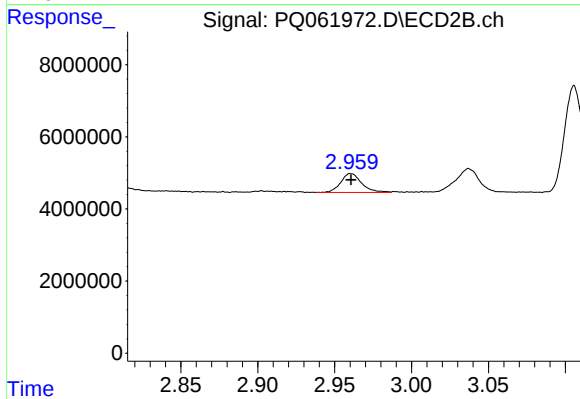
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41949782
Conc: 511.70 ng/ml



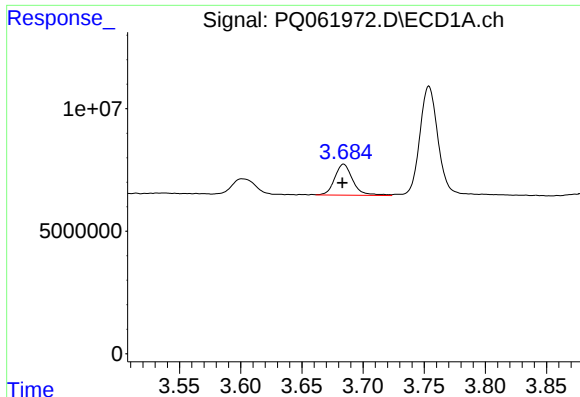
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8376645
Conc: 139.36 ng/ml



#8 AR-1221-1

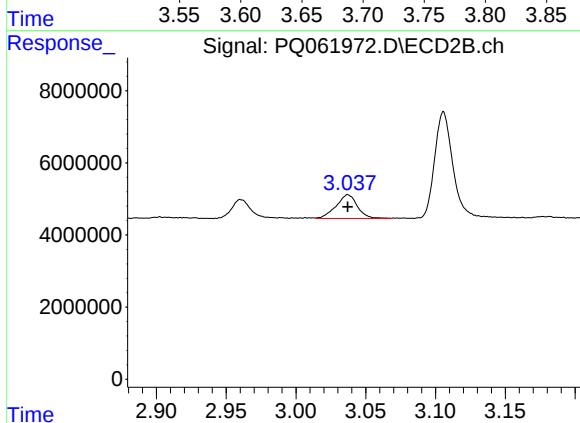
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 4925635
Conc: 149.28 ng/ml



#9 AR-1221-2

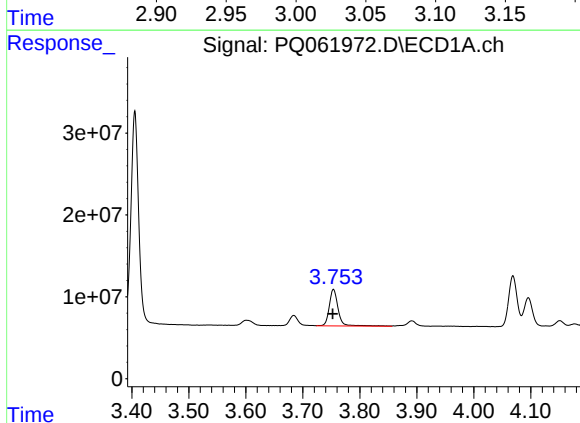
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 13039384
Conc: 290.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



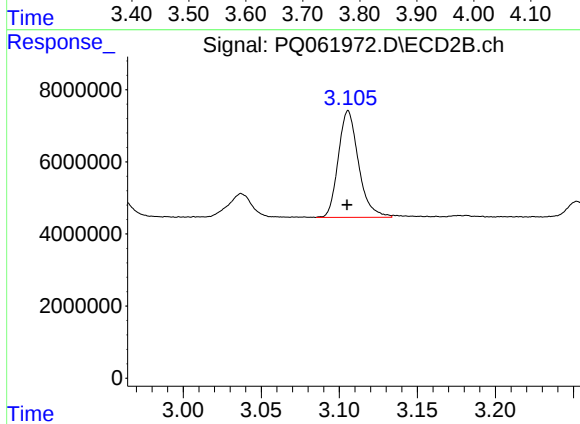
#9 AR-1221-2

R.T.: 3.037 min
Delta R.T.: 0.000 min
Response: 7004503
Conc: 275.77 ng/ml



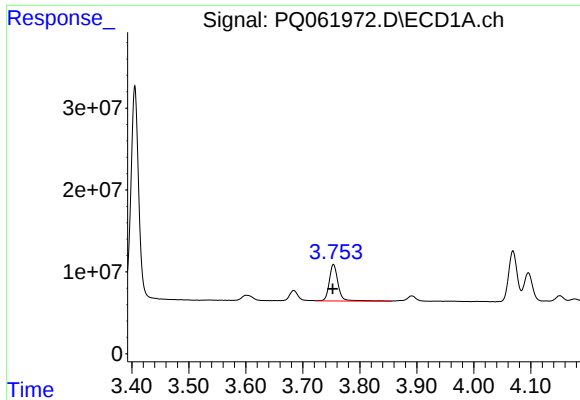
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 49038110
Conc: 348.98 ng/ml



#10 AR-1221-3

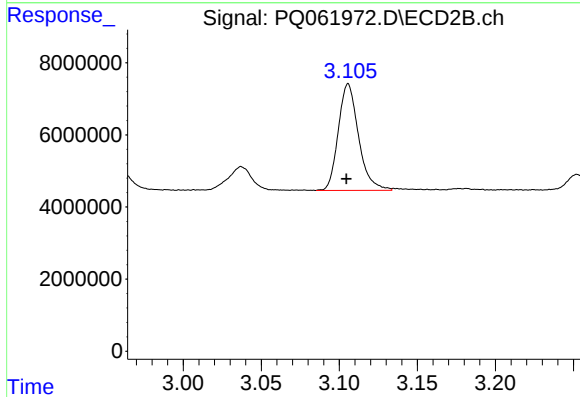
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 26707142
Conc: 346.44 ng/ml



#11 AR-1232-1

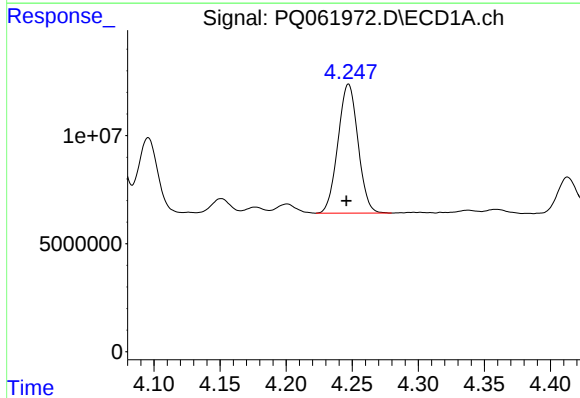
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 49038110
Conc: 464.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



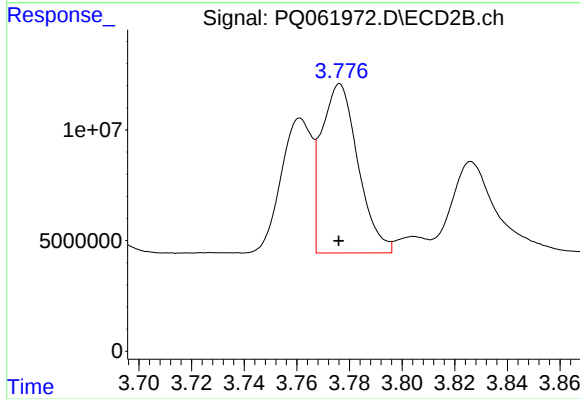
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.001 min
Response: 26707142
Conc: 466.10 ng/ml



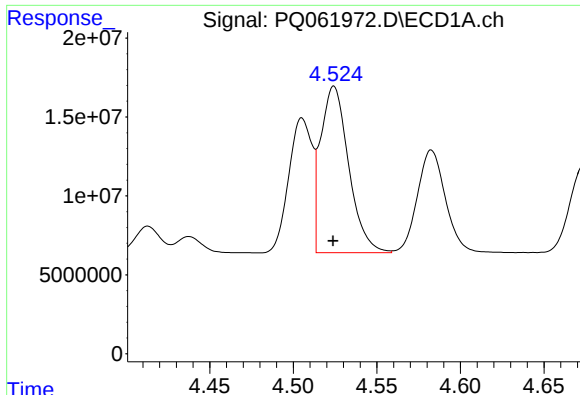
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.002 min
Response: 63017428
Conc: 1065.36 ng/ml



#12 AR-1232-2

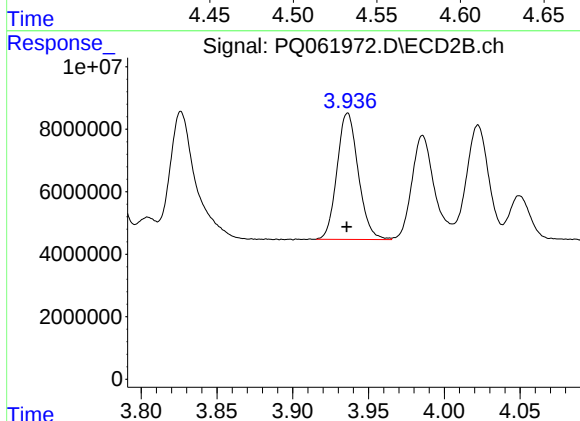
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 73595791
Conc: 1105.79 ng/ml



#13 AR-1232-3

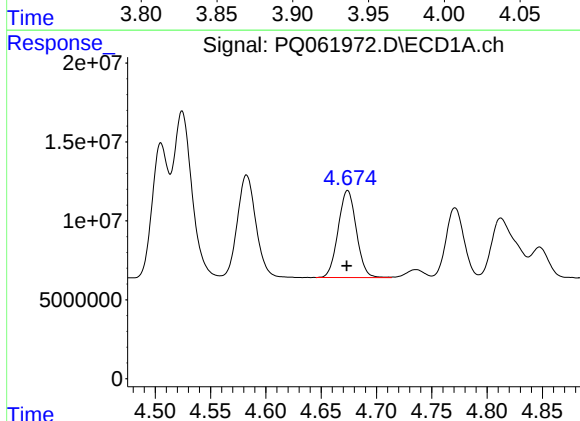
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123425641
Conc: 1091.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



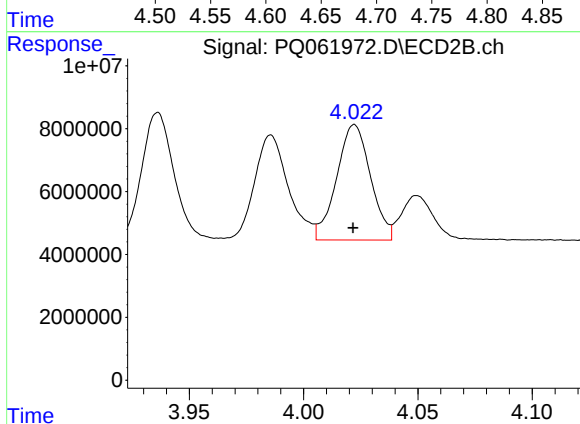
#13 AR-1232-3

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 39537550
Conc: 1144.19 ng/ml



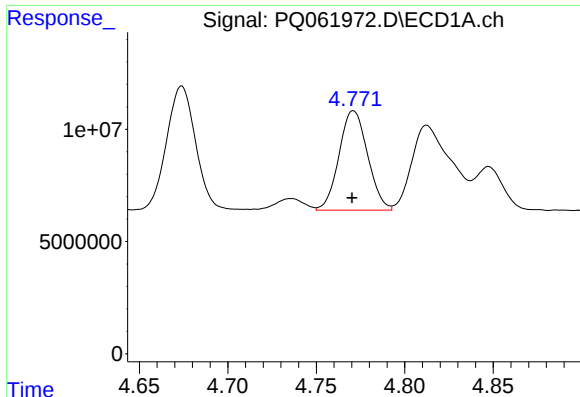
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 63060452
Conc: 1112.84 ng/ml



#14 AR-1232-4

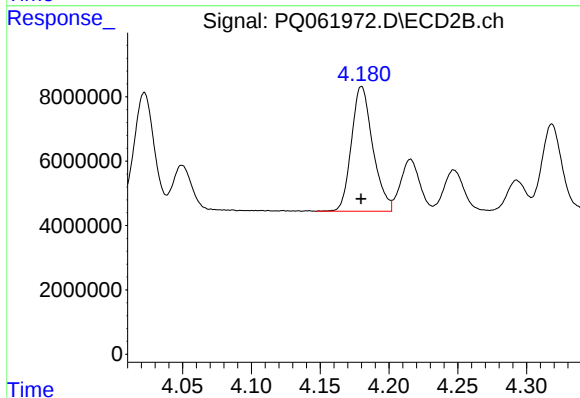
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 37863582
Conc: 1273.16 ng/ml



#15 AR-1232-5

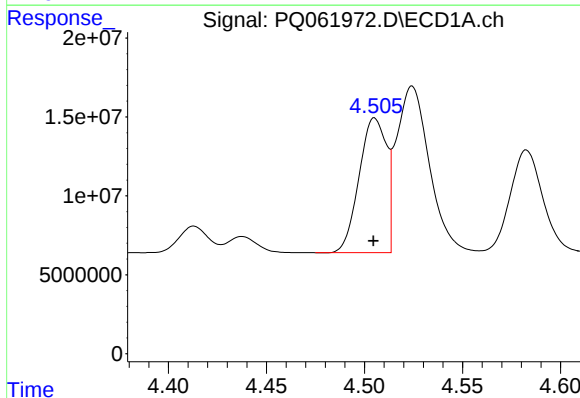
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49830084
Conc: 1244.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



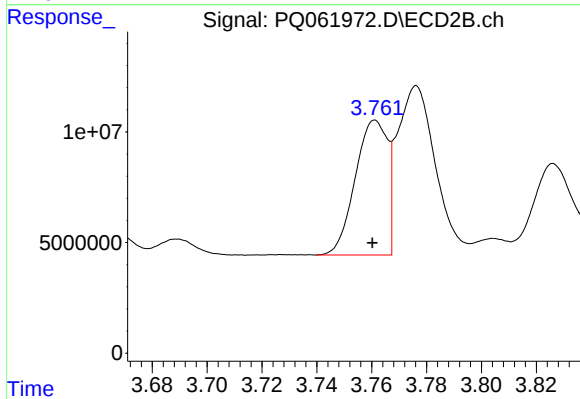
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41949782
Conc: 1176.35 ng/ml



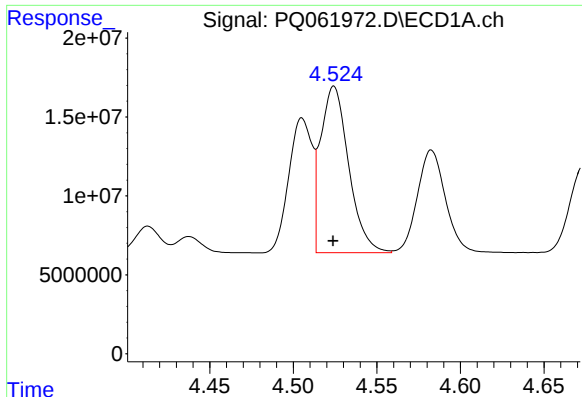
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83018379
Conc: 635.16 ng/ml



#16 AR-1242-1

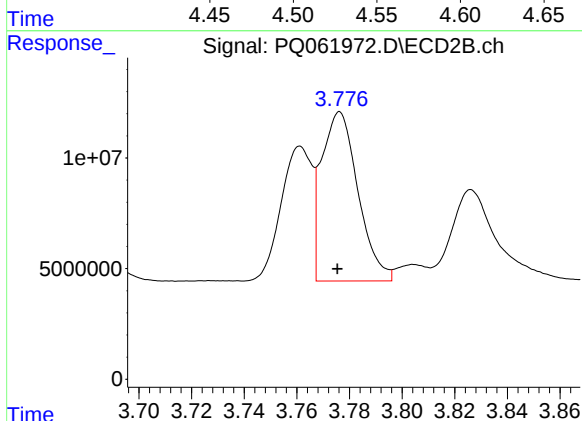
R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 49518786
Conc: 640.28 ng/ml



#17 AR-1242-2

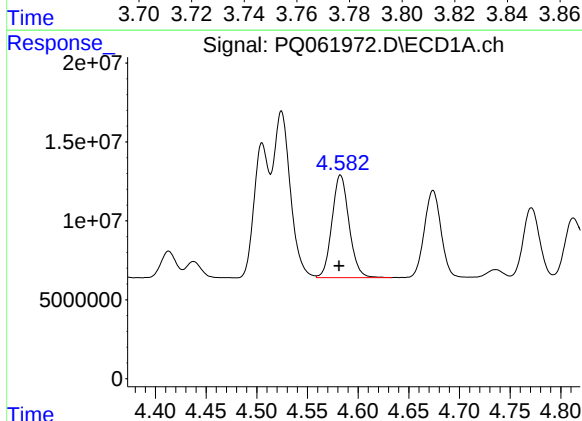
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123425641
Conc: 635.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



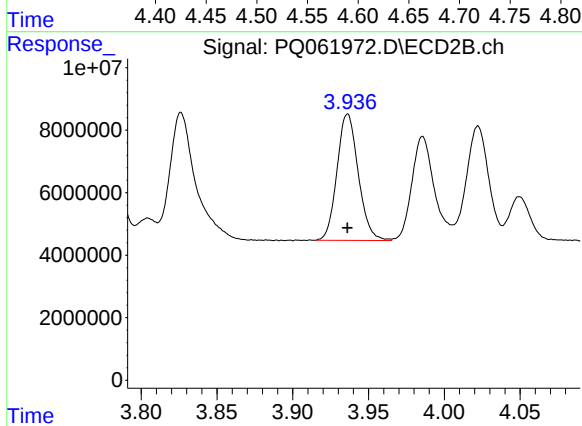
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 73595791
Conc: 662.08 ng/ml



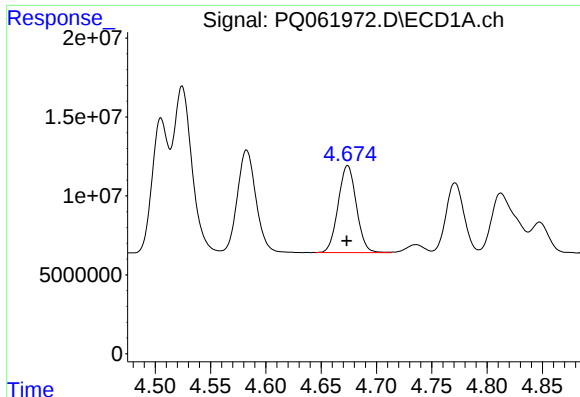
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.001 min
Response: 76232442
Conc: 630.83 ng/ml



#18 AR-1242-3

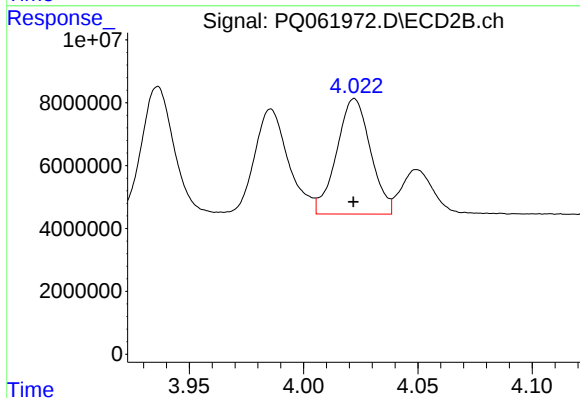
R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 39537550
Conc: 674.98 ng/ml



#19 AR-1242-4

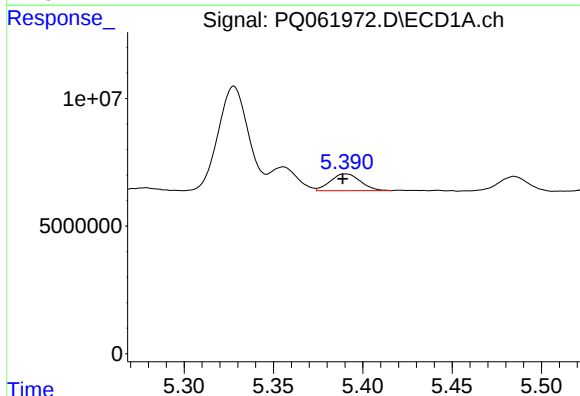
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 63060452
Conc: 646.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



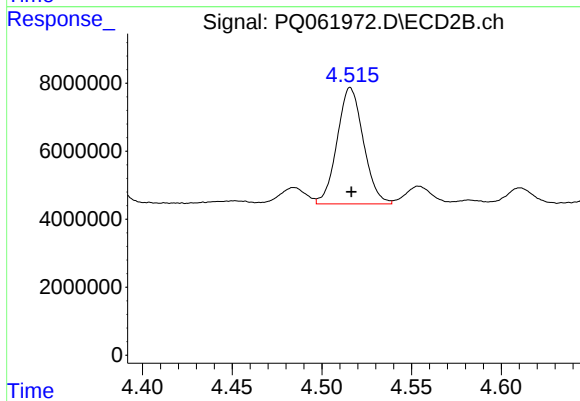
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 37863582
Conc: 645.83 ng/ml



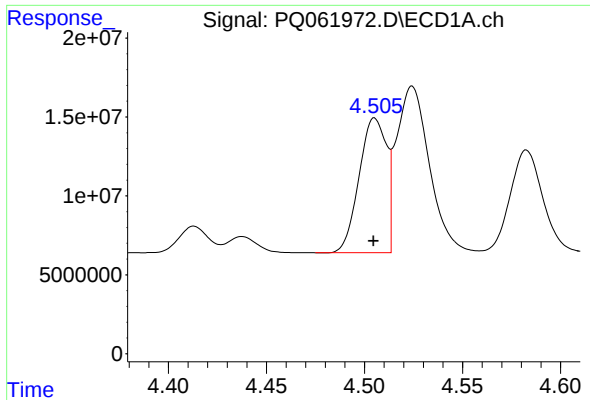
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 7699382
Conc: 80.43 ng/ml



#20 AR-1242-5

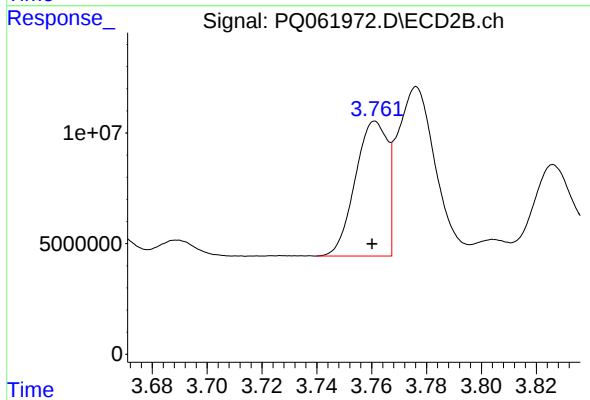
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 34909948
Conc: 421.15 ng/ml



#21 AR-1248-1

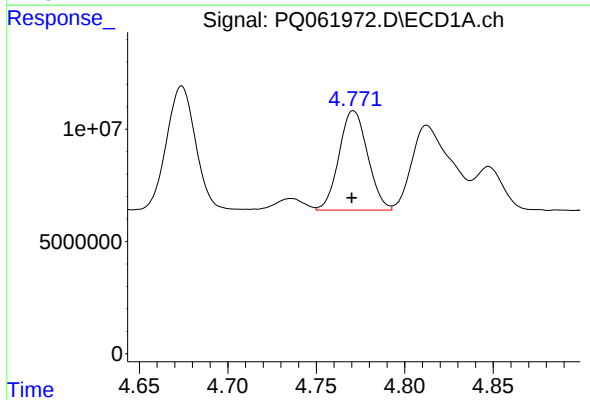
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83018379
Conc: 798.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



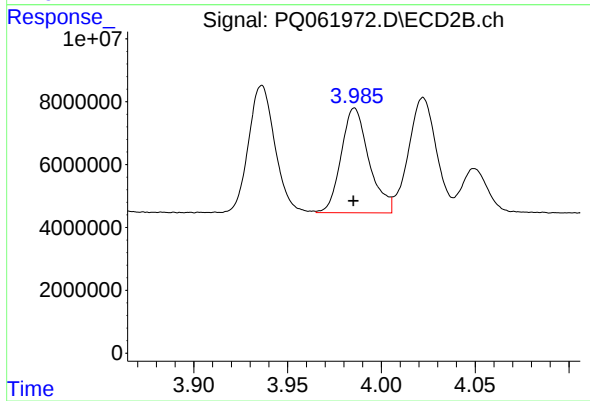
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: 0.001 min
Response: 49518786
Conc: 792.04 ng/ml



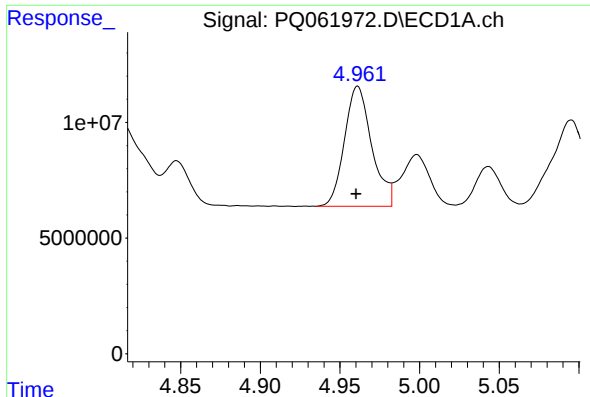
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49830084
Conc: 346.86 ng/ml



#22 AR-1248-2

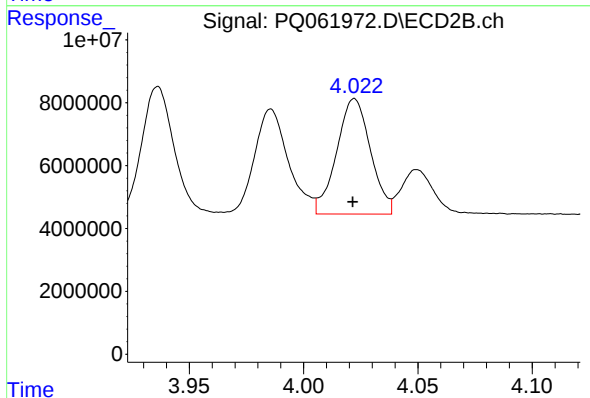
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 34413098
Conc: 367.00 ng/ml



#23 AR-1248-3

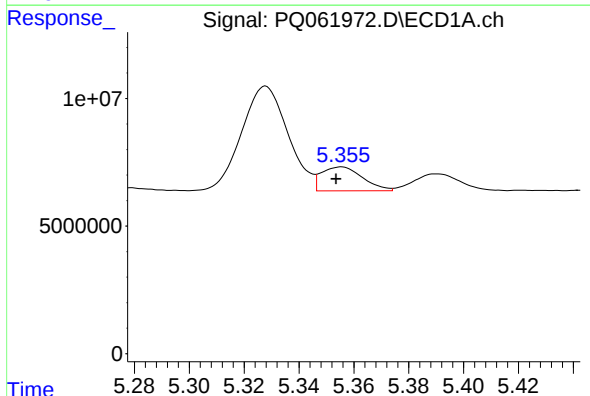
R.T.: 4.961 min
Delta R.T.: 0.001 min
Response: 61828611
Conc: 355.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



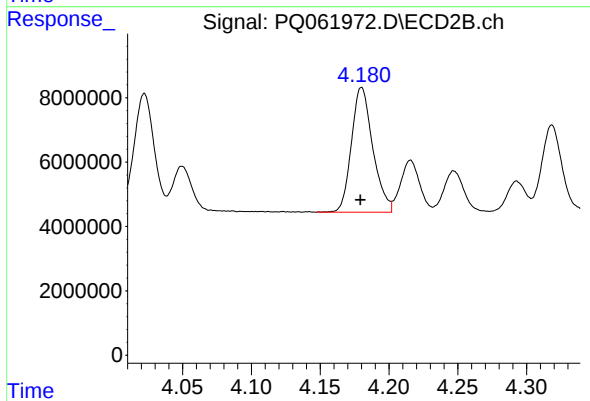
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 37863582
Conc: 418.18 ng/ml



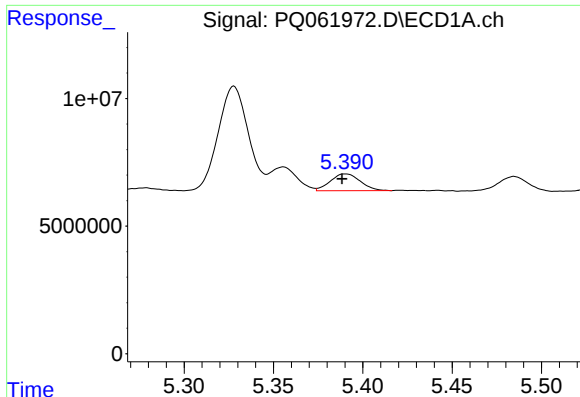
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.002 min
Response: 9724574
Conc: 50.67 ng/ml



#24 AR-1248-4

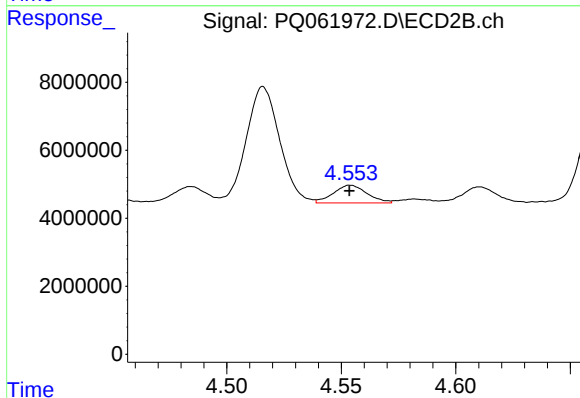
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41949782
Conc: 371.77 ng/ml



#25 AR-1248-5

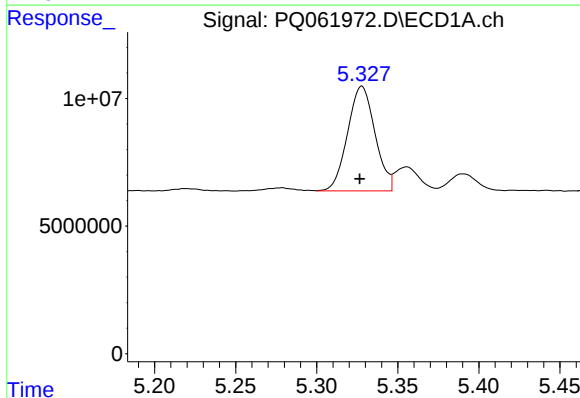
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 7699382
Conc: 42.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



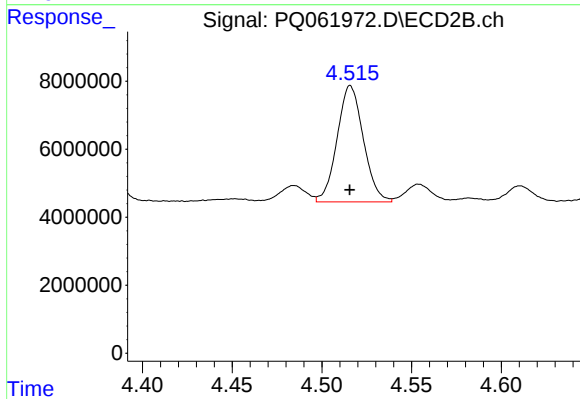
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 5352568
Conc: 47.78 ng/ml



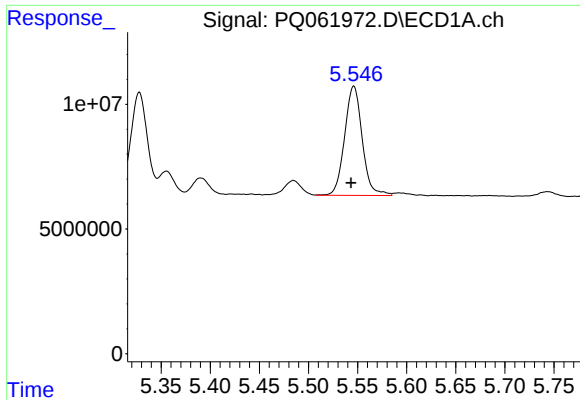
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 48290299
Conc: 259.87 ng/ml



#26 AR-1254-1

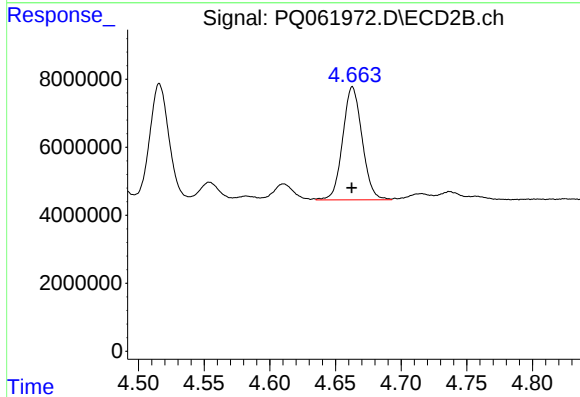
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 34909948
Conc: 216.21 ng/ml



#27 AR-1254-2

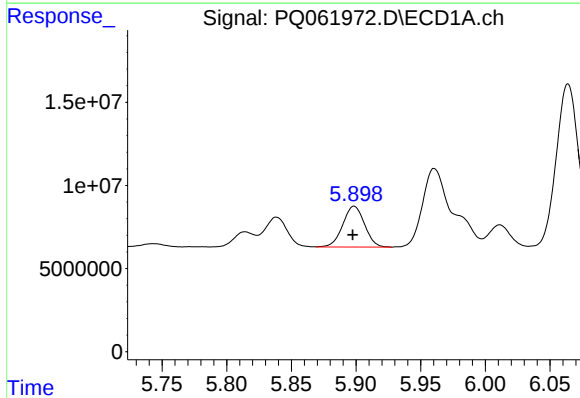
R.T.: 5.546 min
Delta R.T.: 0.003 min
Response: 54629311
Conc: 187.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



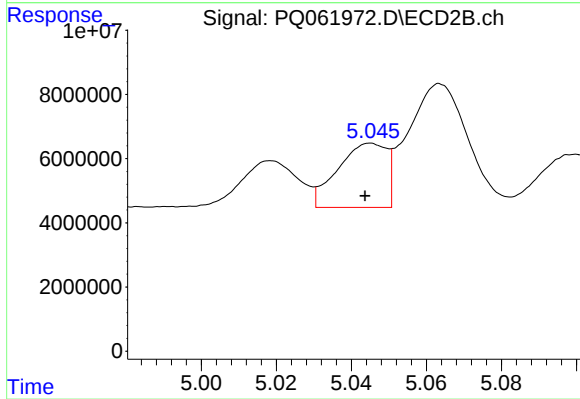
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 34242192
Conc: 232.58 ng/ml



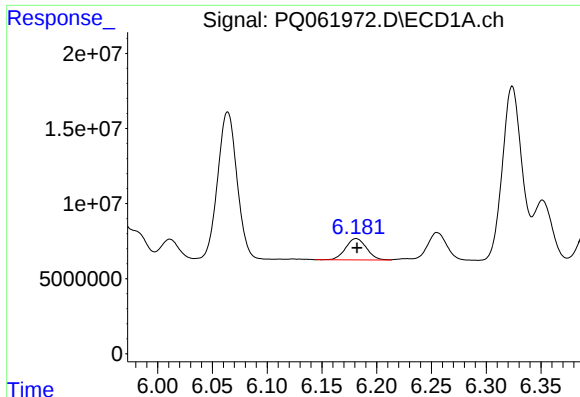
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 28846815
Conc: 93.92 ng/ml



#28 AR-1254-3

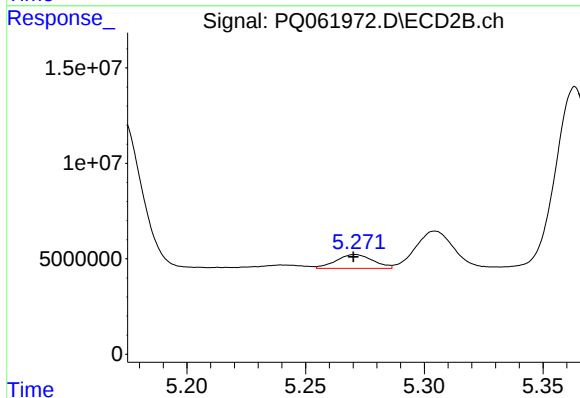
R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 18082443
Conc: 77.37 ng/ml



#29 AR-1254-4

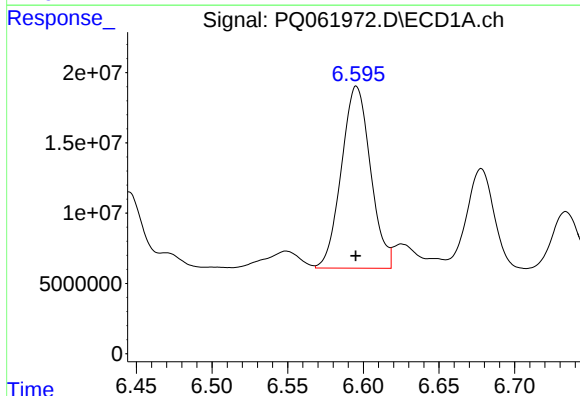
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 18905035
Conc: 81.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



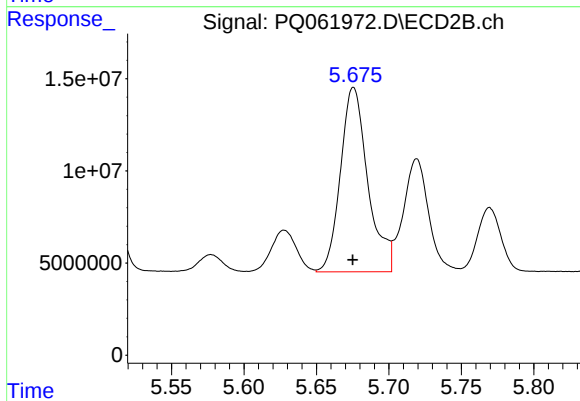
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 7882730
Conc: 51.72 ng/ml



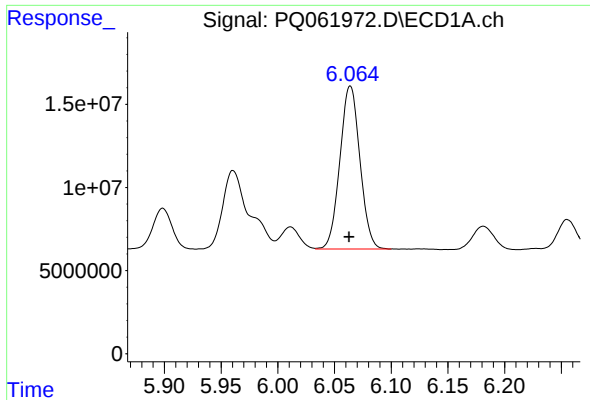
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 173383048
Conc: 674.98 ng/ml



#30 AR-1254-5

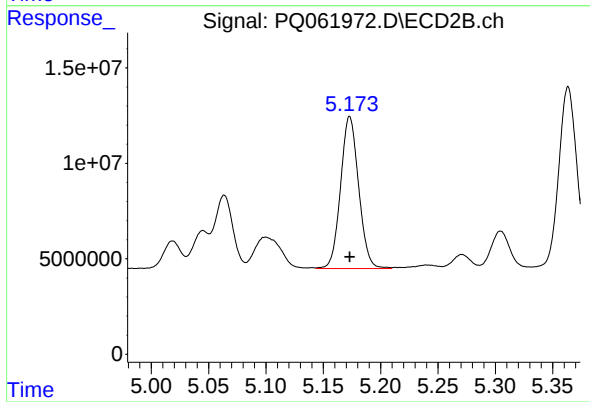
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 131784539
Conc: 571.00 ng/ml



#31 AR-1260-1

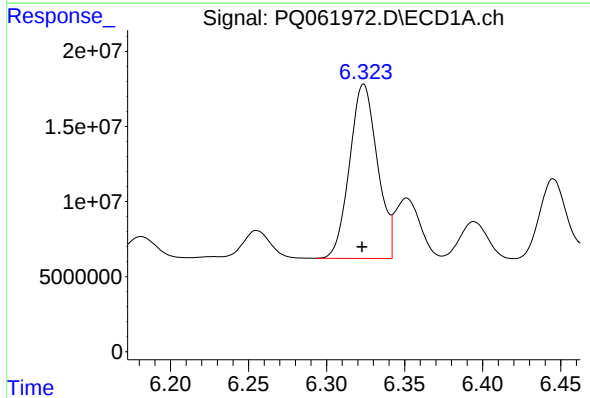
R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 120396447
Conc: 510.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



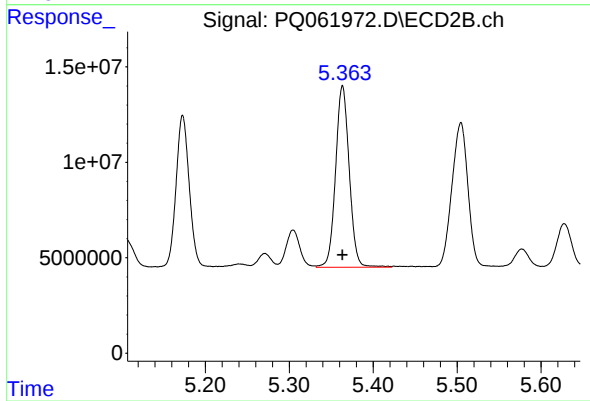
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 87388049
Conc: 524.69 ng/ml



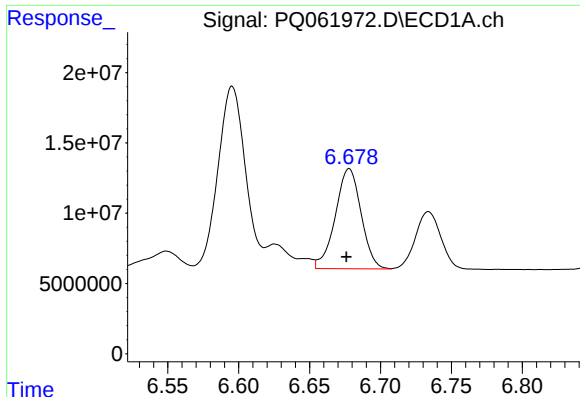
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 144019899
Conc: 498.66 ng/ml



#32 AR-1260-2

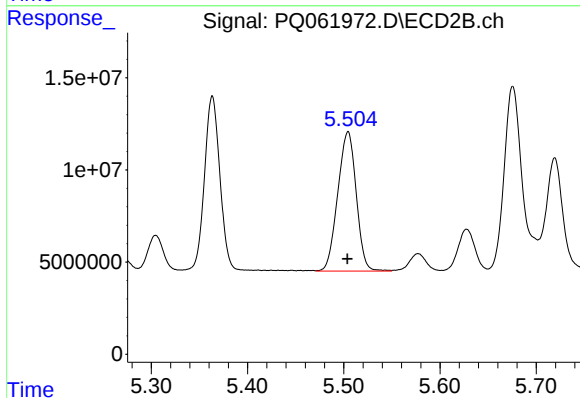
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 107355437
Conc: 516.27 ng/ml



#33 AR-1260-3

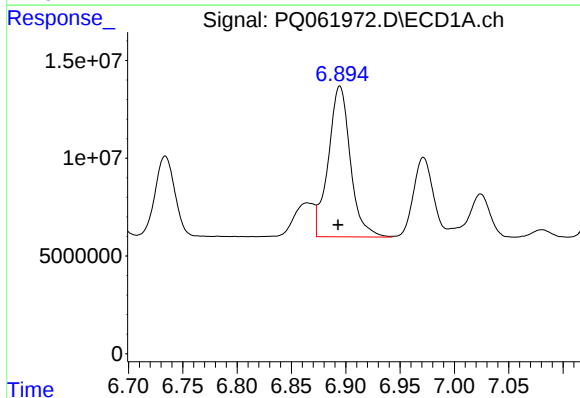
R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 90245557
Conc: 511.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



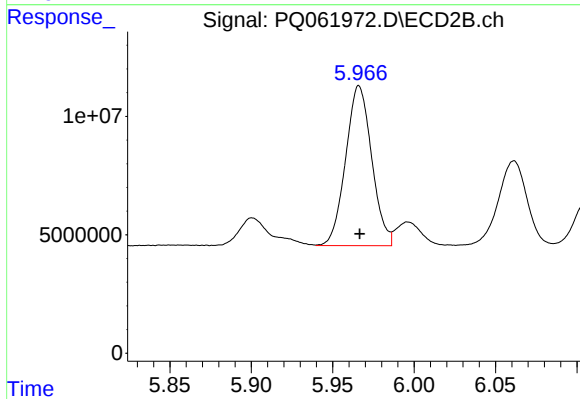
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 100555162
Conc: 516.84 ng/ml



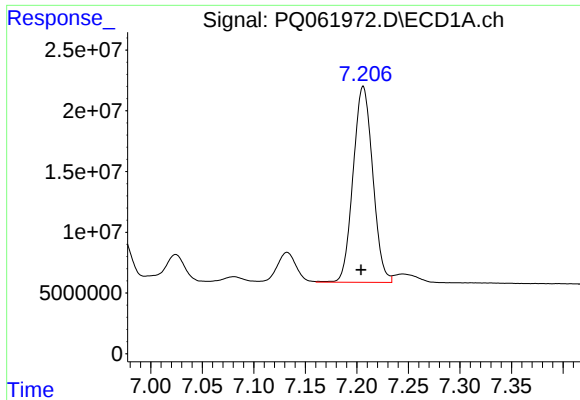
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 108691763
Conc: 515.98 ng/ml



#34 AR-1260-4

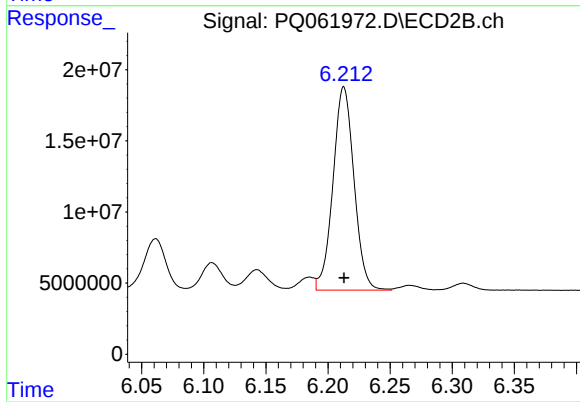
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 75308343
Conc: 516.30 ng/ml



#35 AR-1260-5

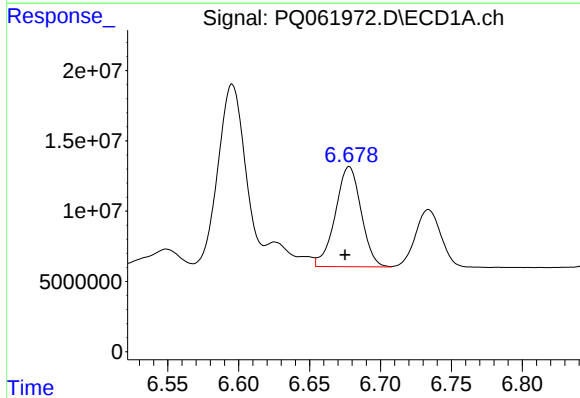
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 213726526
Conc: 520.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



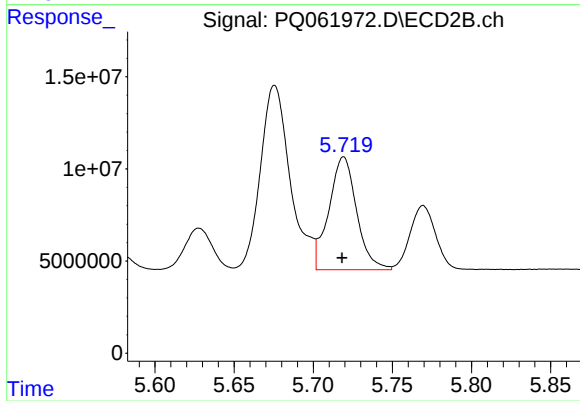
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 168197856
Conc: 506.53 ng/ml



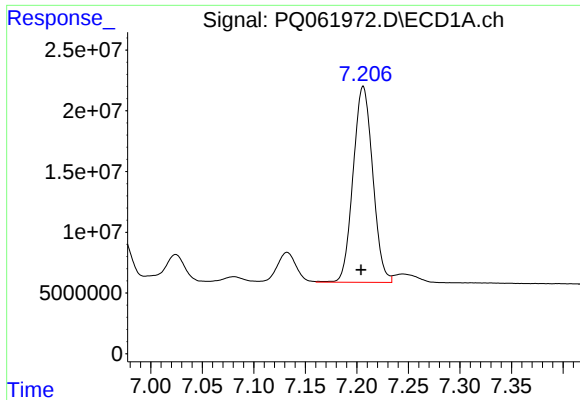
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.003 min
Response: 90245557
Conc: 295.94 ng/ml



#36 AR-1262-1

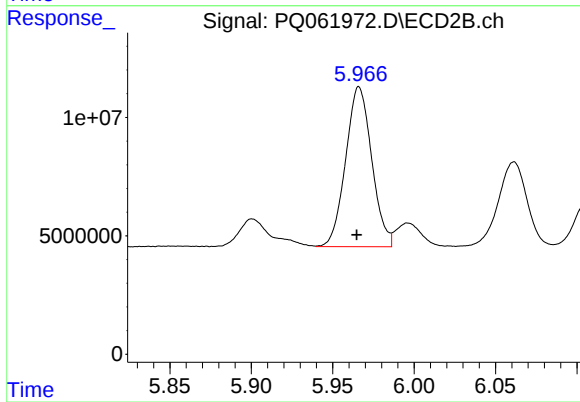
R.T.: 5.719 min
Delta R.T.: 0.001 min
Response: 74912195
Conc: 322.24 ng/ml



#37 AR-1262-2

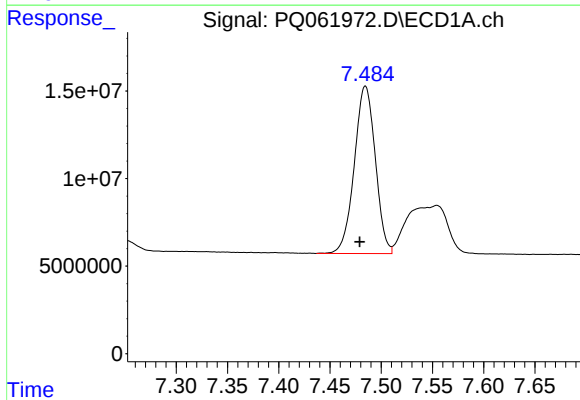
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 213726526
Conc: 405.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



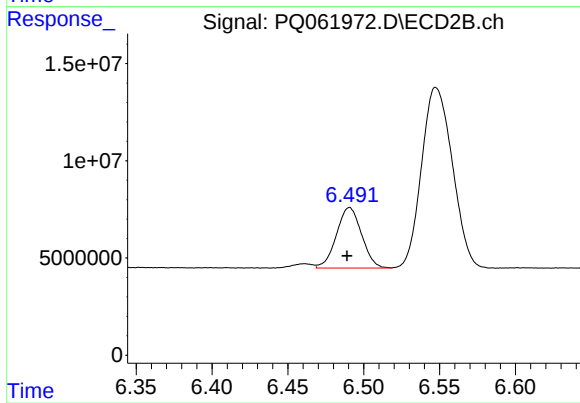
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.001 min
Response: 75308343
Conc: 348.32 ng/ml



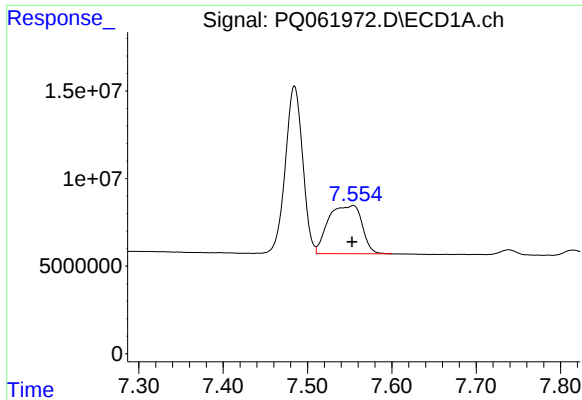
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.005 min
Response: 136256149
Conc: 386.76 ng/ml



#38 AR-1262-3

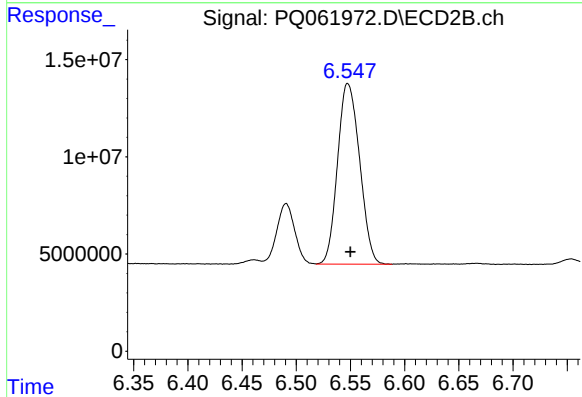
R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 36064652
Conc: 206.88 ng/ml



#39 AR-1262-4

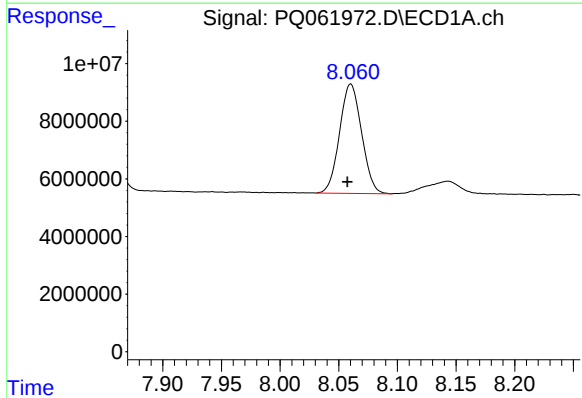
R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 76104846
Conc: 285.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



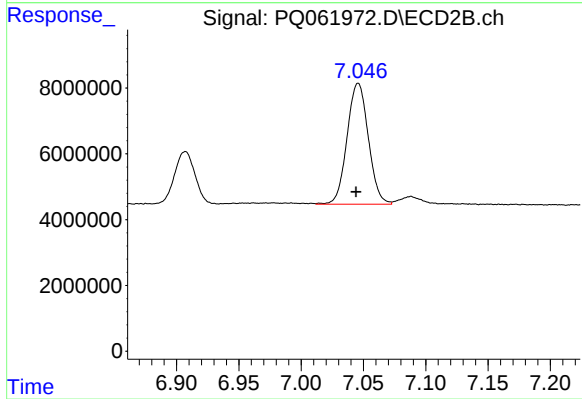
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 131648692
Conc: 408.47 ng/ml



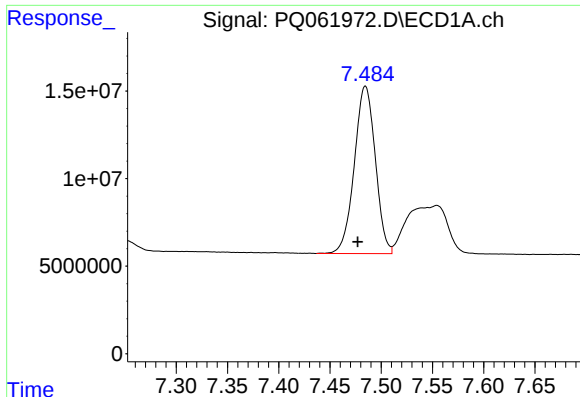
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 49620195
Conc: 279.54 ng/ml



#40 AR-1262-5

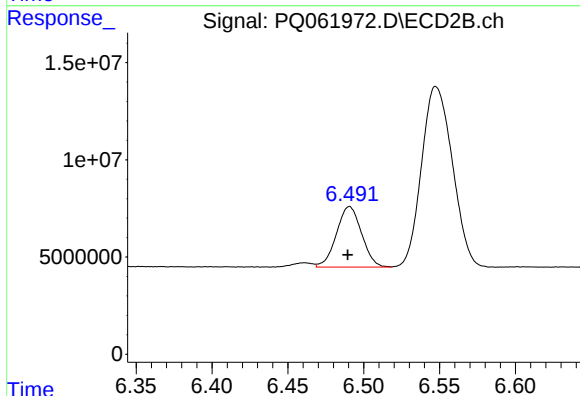
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 43675845
Conc: 281.57 ng/ml



#41 AR-1268-1

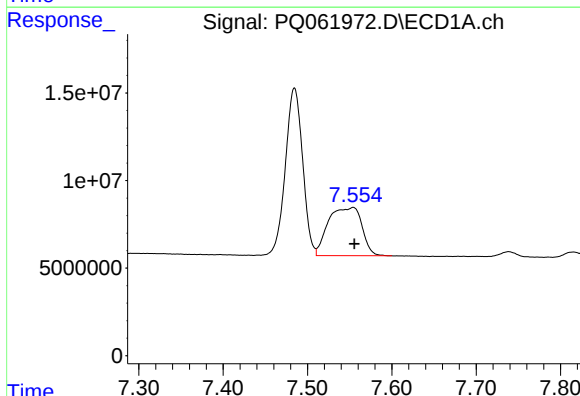
R.T.: 7.485 min
Delta R.T.: 0.007 min
Response: 136256149
Conc: 240.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



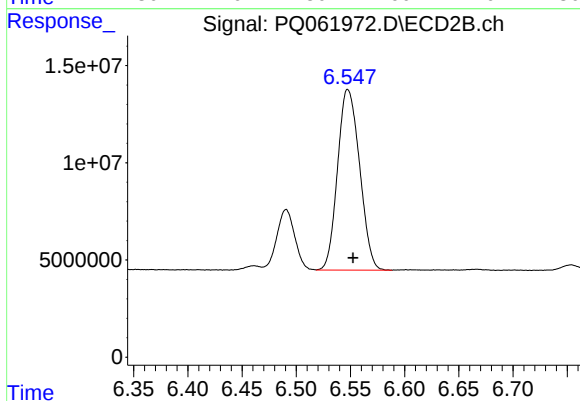
#41 AR-1268-1

R.T.: 6.491 min
Delta R.T.: 0.001 min
Response: 36064652
Conc: 76.65 ng/ml



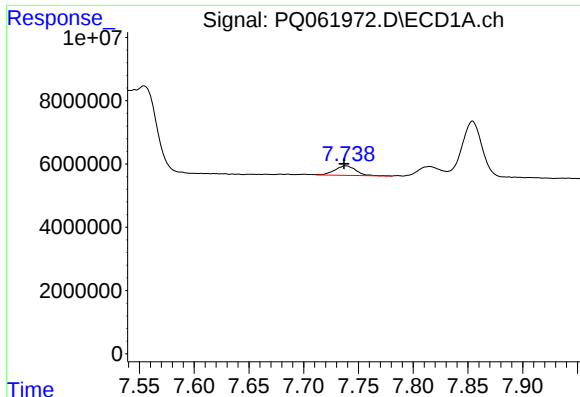
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 76104846
Conc: 149.26 ng/ml



#42 AR-1268-2

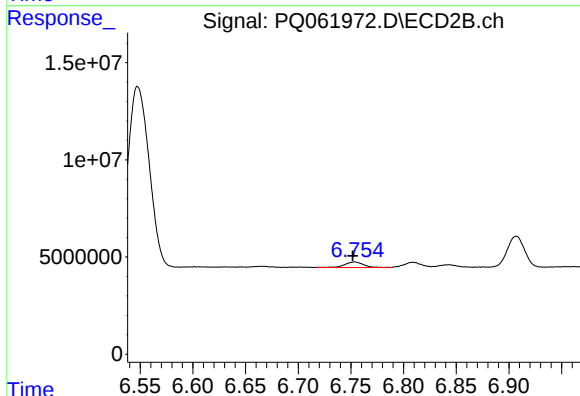
R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 131648692
Conc: 310.71 ng/ml



#43 AR-1268-3

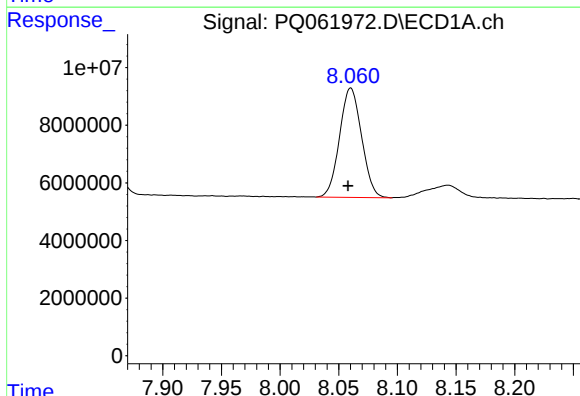
R.T.: 7.739 min
Delta R.T.: 0.002 min
Response: 4058929
Conc: 9.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



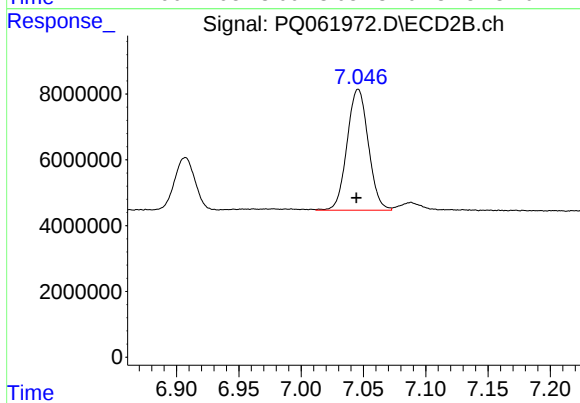
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 3485440
Conc: 9.46 ng/ml



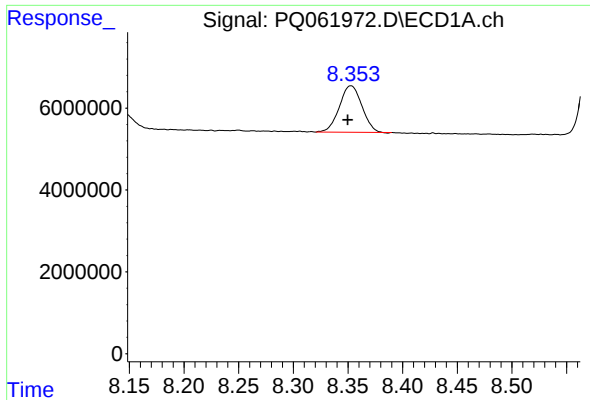
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 49620195
Conc: 271.17 ng/ml



#44 AR-1268-4

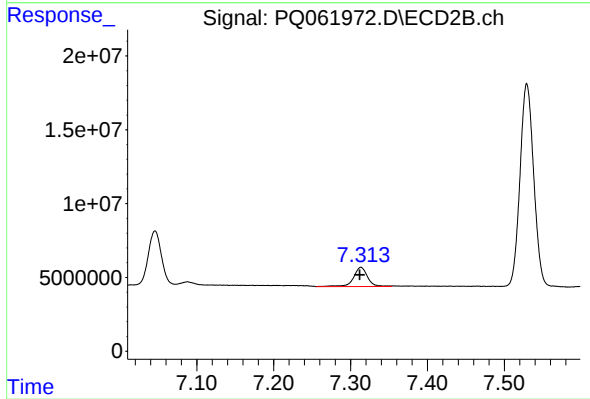
R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 43675845
Conc: 273.08 ng/ml



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: 0.003 min
Response: 16279813
Conc: 12.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: 0.002 min
Response: 16570067
Conc: 14.20 ng/ml