

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 12:05
 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 20 12:50:39 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	235.4E6	126.1E6	48.249	50.276
2)	SA Decachlor...	8.585	7.526	181.7E6	167.9E6	50.030	50.374
Target Compounds							
3)	L1 AR-1016-1	4.503	3.756	81674685	49448354	495.846	499.602
4)	L1 AR-1016-2	4.522	3.772	121.2E6	71972131	490.024	499.117
5)	L1 AR-1016-3	4.580	3.931	75033435	37140524	492.327	492.301
6)	L1 AR-1016-4	4.672	3.981	62202292	32631823	496.248	496.837
7)	L1 AR-1016-5	4.959	4.176	60559376	40967948	497.543	499.721
8)	L2 AR-1221-1	3.599	2.955	8357503	5051463	139.042	153.091
9)	L2 AR-1221-2	3.681	3.033	12048956	7058777	268.156	277.904
10)	L2 AR-1221-3	3.751	3.101	44963605	26523945	319.984	344.061
11)	L3 AR-1232-1	3.751	3.101	44963605	26523945	425.786	462.907
12)	L3 AR-1232-2	4.245	3.772	61492777	71972131	1039.587	1081.394
13)	L3 AR-1232-3	4.522	3.931	121.2E6	37140524	1071.513	1074.824
14)	L3 AR-1232-4	4.672	4.018	62202292	36241081	1097.692	1218.605
15)	L3 AR-1232-5	4.769	4.176	48144248	40967948	1202.103	1148.821
16)	L4 AR-1242-1	4.503	3.756	81674685	49448354	624.882	639.371
17)	L4 AR-1242-2	4.522	3.772	121.2E6	71972131	624.129	647.472
18)	L4 AR-1242-3	4.580	3.931	75033435	37140524	620.911	634.056
19)	L4 AR-1242-4	4.672	4.018	62202292	36241081	638.066	618.151
20)	L4 AR-1242-5	5.388	4.511	8584546	33574247	89.675	405.033 #
21)	L5 AR-1248-1	4.503	3.756	81674685	49448354	785.495	790.916
22)	L5 AR-1248-2	4.769	3.981	48144248	32631823	335.121	348.003
23)	L5 AR-1248-3	4.959	4.018	60559376	36241081	348.618	400.261
24)	L5 AR-1248-4	5.353	4.176	9684306	40967948	50.457	363.064 #
25)	L5 AR-1248-5	5.388	4.549	8584546	5241296	47.396	46.784
26)	L6 AR-1254-1	5.326	4.511	46901240	33574247	252.400	207.938
27)	L6 AR-1254-2	5.545	4.659	52928454	33552849	182.064	227.902 #
28)	L6 AR-1254-3	5.897	5.040	28662652	18046042	93.321	77.218
29)	L6 AR-1254-4	6.181	5.266	18620657	7419412	80.195	48.679 #
30)	L6 AR-1254-5	6.594	5.671	171.5E6	130.9E6	667.769	567.096
31)	L7 AR-1260-1	6.062	5.169	116.6E6	85804018	494.366	515.175
32)	L7 AR-1260-2	6.323	5.359	142.3E6	105.5E6	492.604	507.294
33)	L7 AR-1260-3	6.676	5.500	87264316	99262015	494.201	510.191
34)	L7 AR-1260-4	6.894	5.962	105.4E6	74110298	500.220	508.087
35)	L7 AR-1260-5	7.206	6.208	207.2E6	171.8E6	504.705	517.457
36)	L8 AR-1262-1	6.676	5.714	87264316	74360979	286.167	319.871
37)	L8 AR-1262-2	7.206	5.962	207.2E6	74110298	393.452	342.774
38)	L8 AR-1262-3	7.484	6.486	132.6E6	36636663	376.516	210.160 #
39)	L8 AR-1262-4	7.552	6.544	73127507	135.7E6	274.173	420.972 #
40)	L8 AR-1262-5	8.060	7.042	48249154	43747413	271.813	282.032
41)	L9 AR-1268-1	7.484	6.486	132.6E6	36636663	233.749	77.861 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 12:05
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

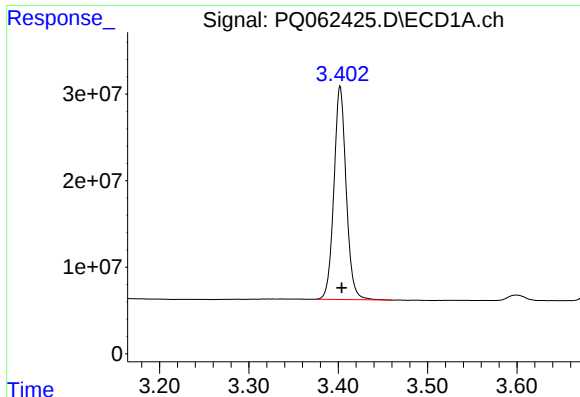
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 12:50:39 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
42) L9	AR-1268-2	7.552	6.544	73127507	135.7E6	143.423	320.217 #
43) L9	AR-1268-3	7.737	6.749	3747963	3507504	8.782	9.523
44) L9	AR-1268-4	8.060	7.042	48249154	43747413	263.678	273.530
45) L9	AR-1268-5	8.352	7.309	15764117	15147367	12.504	12.980

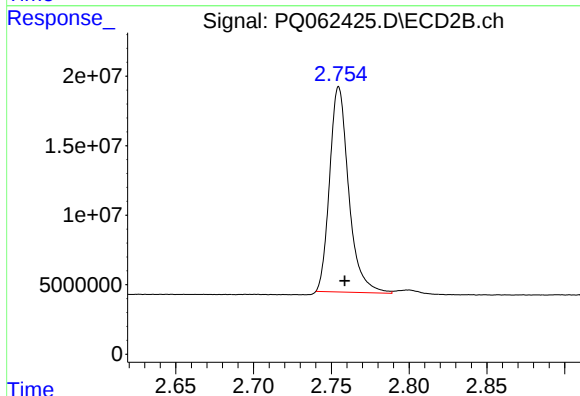
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

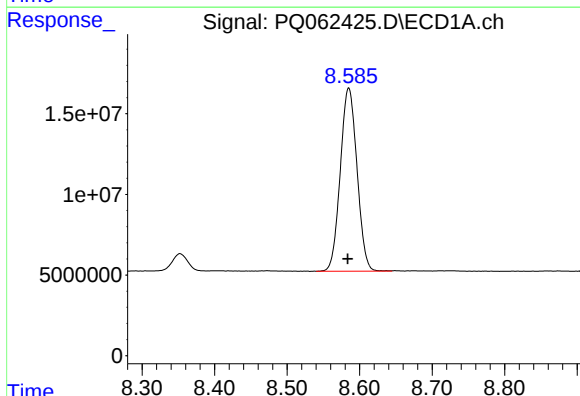
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 235366687
Conc: 48.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



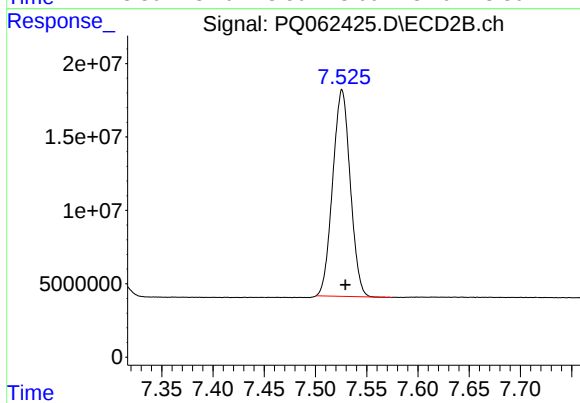
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 126148080
Conc: 50.28 ng/ml



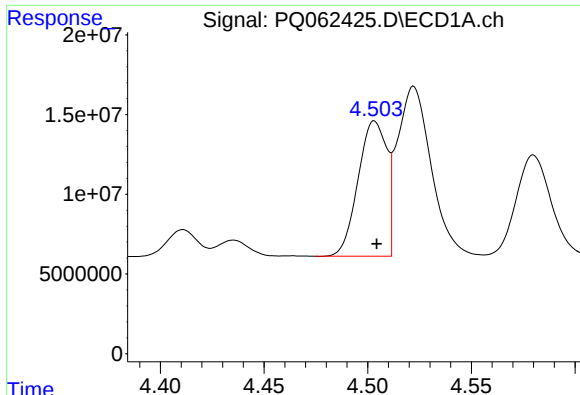
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.001 min
Response: 181747134
Conc: 50.03 ng/ml



#2 Decachlorobiphenyl

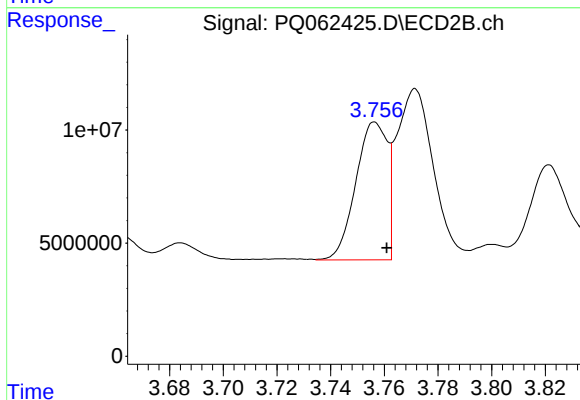
R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 167854402
Conc: 50.37 ng/ml



#3 AR-1016-1

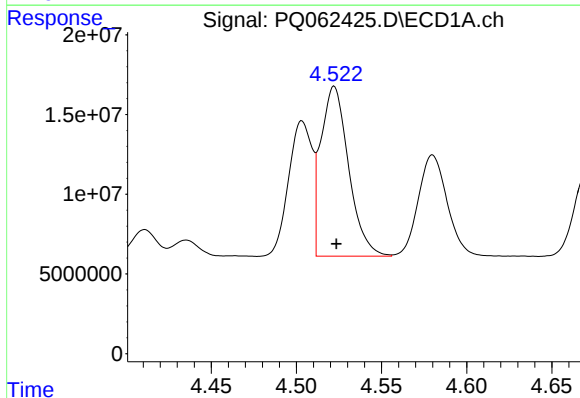
R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 81674685
Conc: 495.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



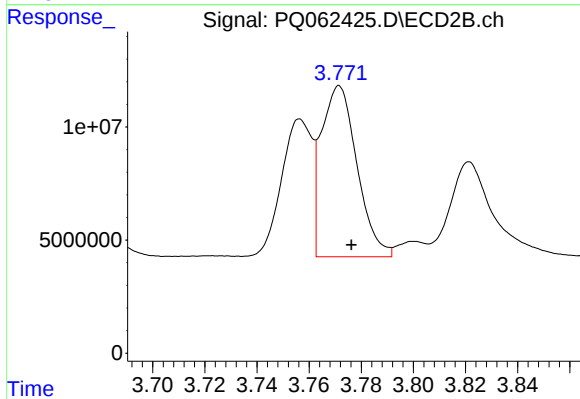
#3 AR-1016-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 49448354
Conc: 499.60 ng/ml



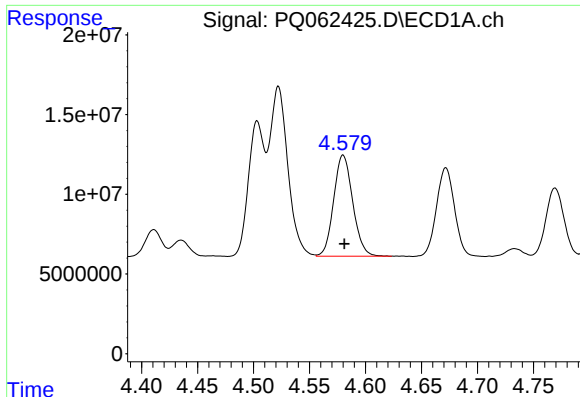
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.001 min
Response: 121167339
Conc: 490.02 ng/ml



#4 AR-1016-2

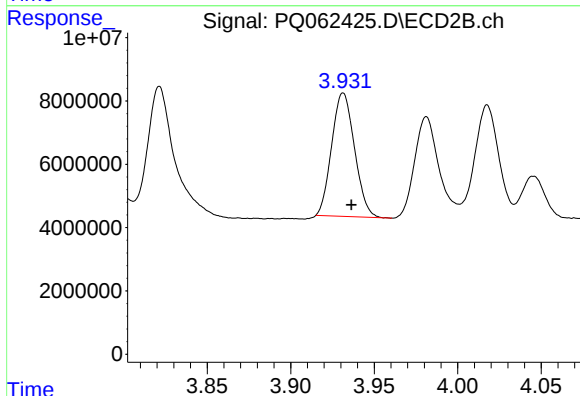
R.T.: 3.772 min
Delta R.T.: -0.005 min
Response: 71972131
Conc: 499.12 ng/ml



#5 AR-1016-3

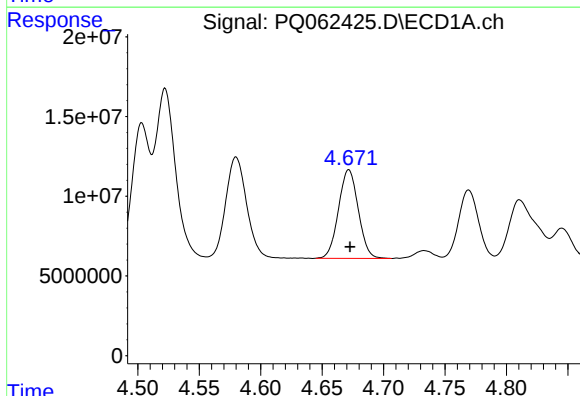
R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 75033435
Conc: 492.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



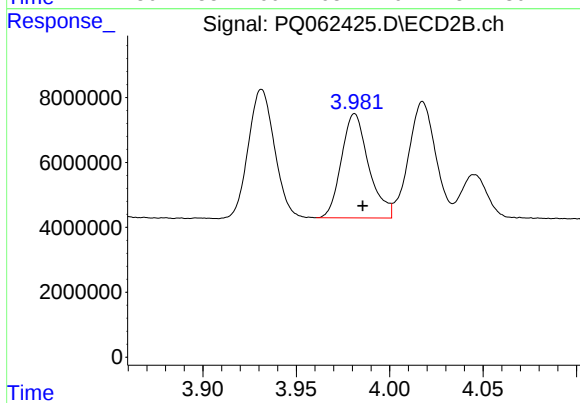
#5 AR-1016-3

R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 37140524
Conc: 492.30 ng/ml



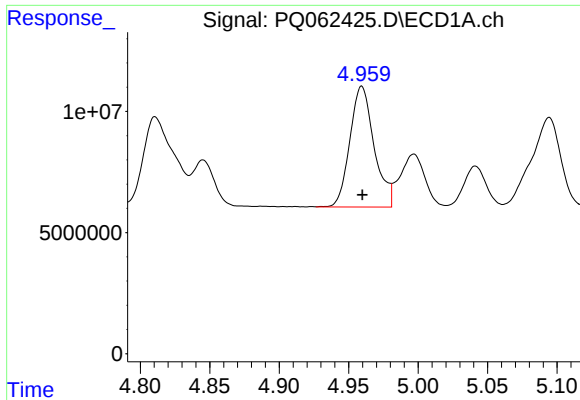
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 62202292
Conc: 496.25 ng/ml



#6 AR-1016-4

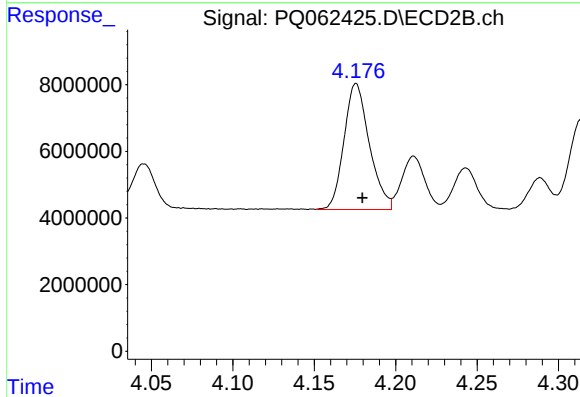
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 32631823
Conc: 496.84 ng/ml



#7 AR-1016-5

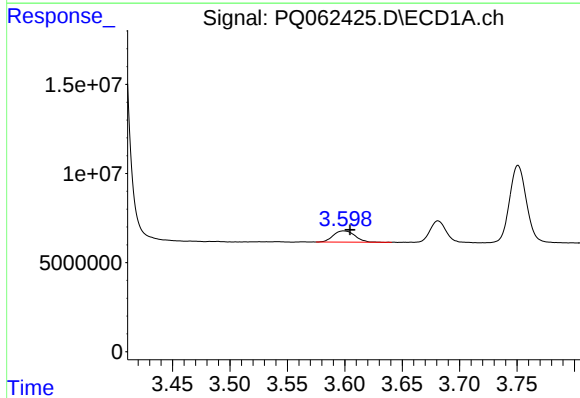
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 60559376
Conc: 497.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



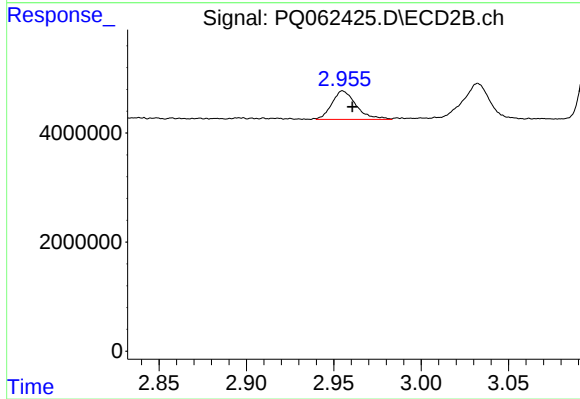
#7 AR-1016-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 40967948
Conc: 499.72 ng/ml



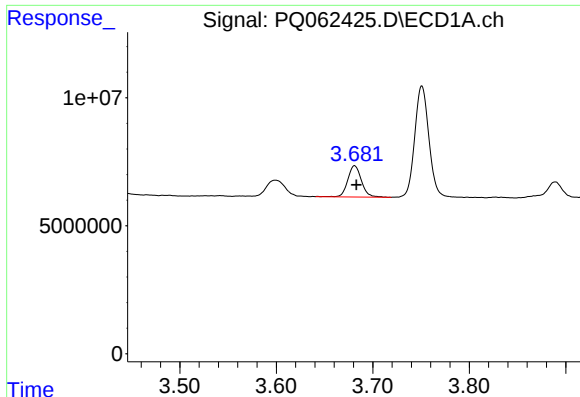
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 8357503
Conc: 139.04 ng/ml



#8 AR-1221-1

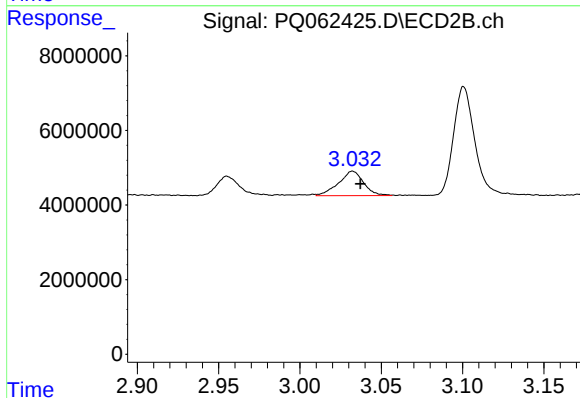
R.T.: 2.955 min
Delta R.T.: -0.006 min
Response: 5051463
Conc: 153.09 ng/ml



#9 AR-1221-2

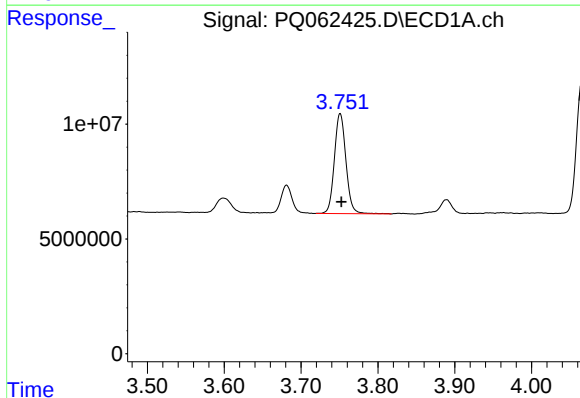
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 12048956
Conc: 268.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



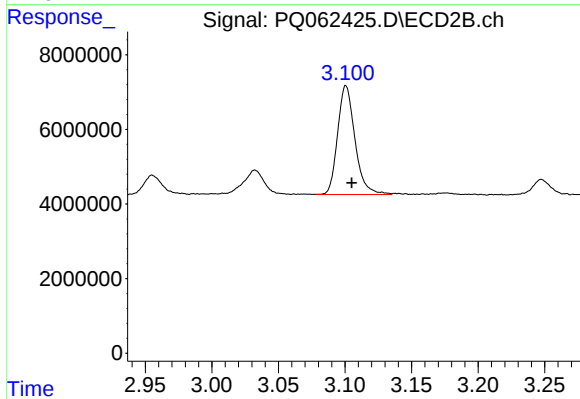
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.005 min
Response: 7058777
Conc: 277.90 ng/ml



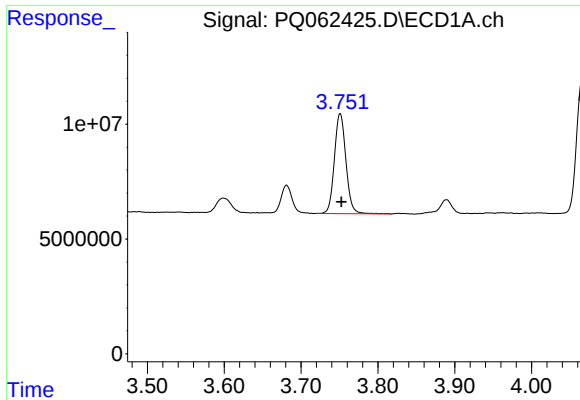
#10 AR-1221-3

R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 44963605
Conc: 319.98 ng/ml



#10 AR-1221-3

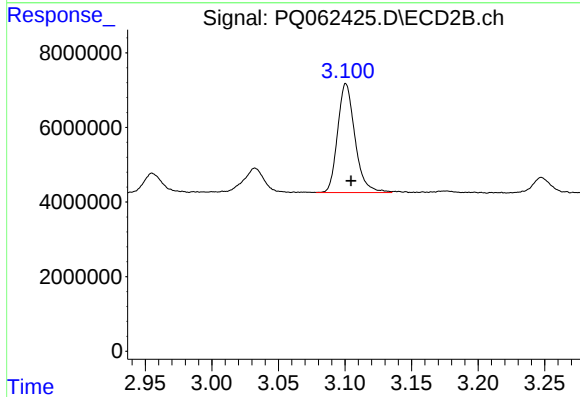
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 26523945
Conc: 344.06 ng/ml



#11 AR-1232-1

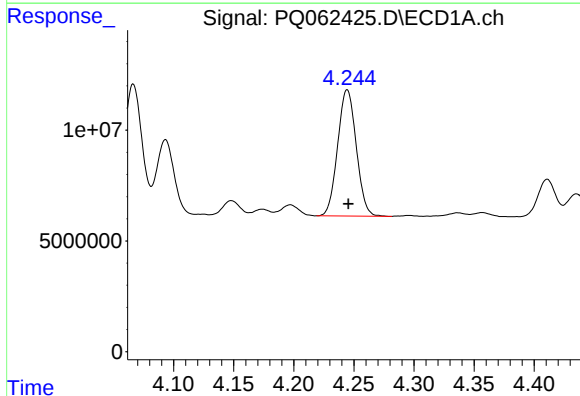
R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 44963605
Conc: 425.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



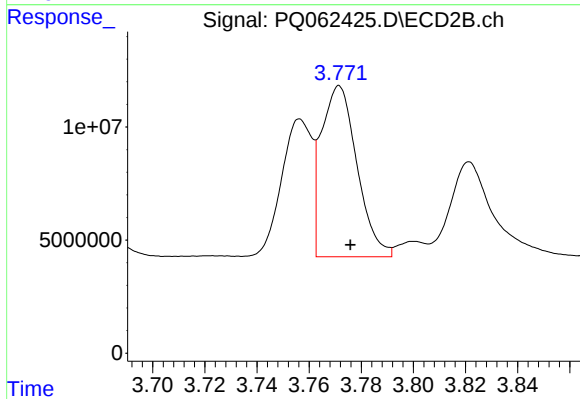
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 26523945
Conc: 462.91 ng/ml



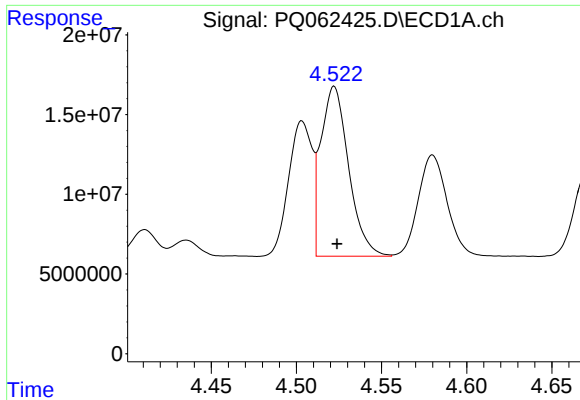
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: -0.001 min
Response: 61492777
Conc: 1039.59 ng/ml



#12 AR-1232-2

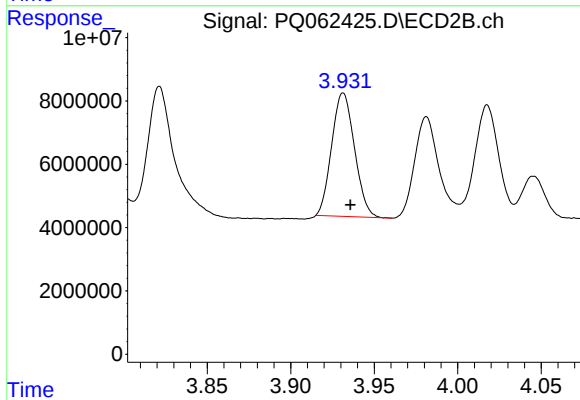
R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 71972131
Conc: 1081.39 ng/ml



#13 AR-1232-3

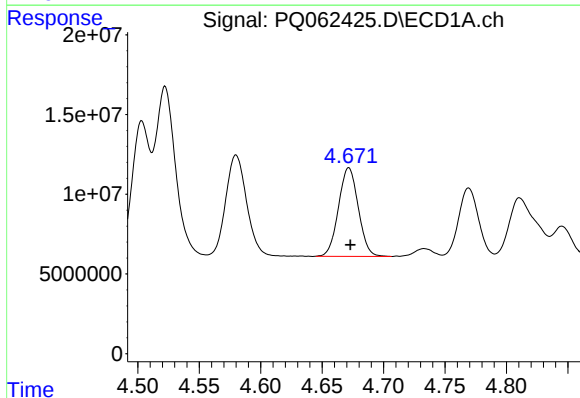
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 121167339
Conc: 1071.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



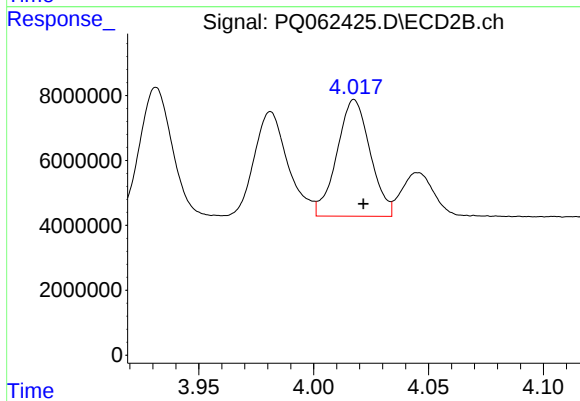
#13 AR-1232-3

R.T.: 3.931 min
Delta R.T.: -0.004 min
Response: 37140524
Conc: 1074.82 ng/ml



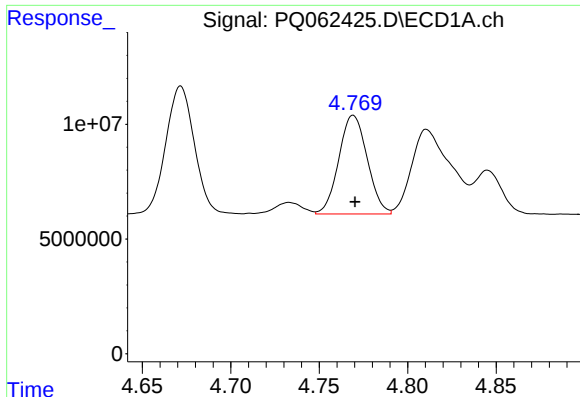
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 62202292
Conc: 1097.69 ng/ml



#14 AR-1232-4

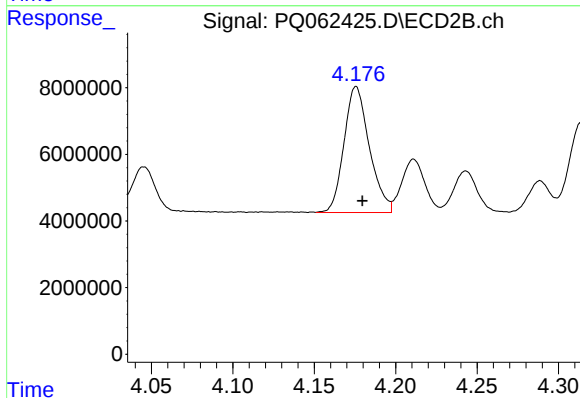
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 36241081
Conc: 1218.60 ng/ml



#15 AR-1232-5

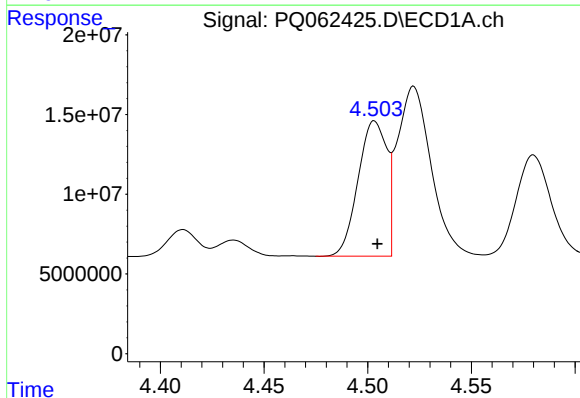
R.T.: 4.769 min
Delta R.T.: -0.001 min
Response: 48144248
Conc: 1202.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



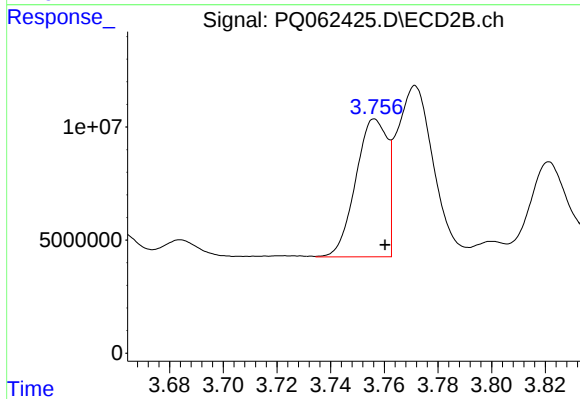
#15 AR-1232-5

R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 40967948
Conc: 1148.82 ng/ml



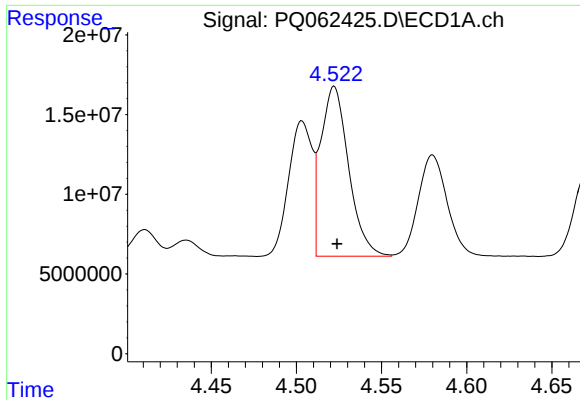
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 81674685
Conc: 624.88 ng/ml



#16 AR-1242-1

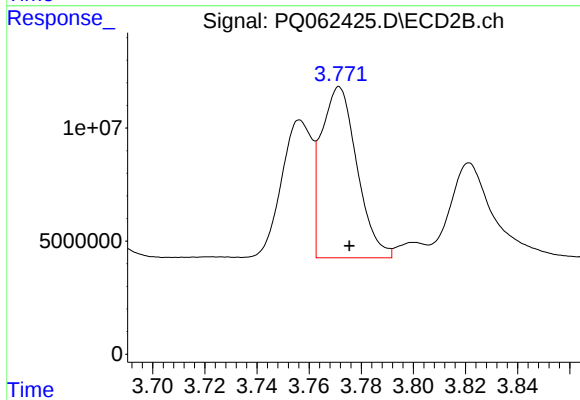
R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 49448354
Conc: 639.37 ng/ml



#17 AR-1242-2

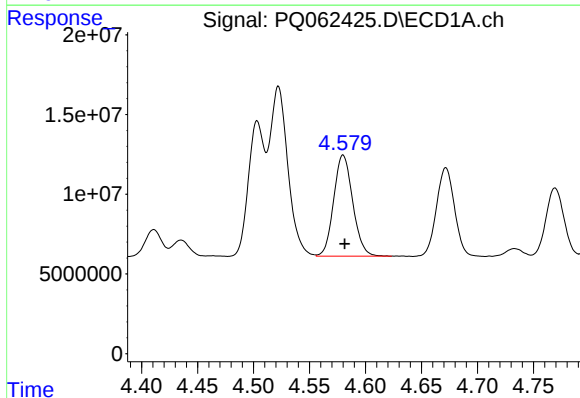
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 121167339
Conc: 624.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



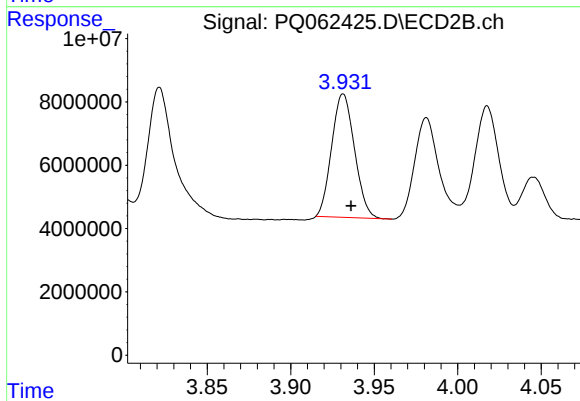
#17 AR-1242-2

R.T.: 3.772 min
Delta R.T.: -0.004 min
Response: 71972131
Conc: 647.47 ng/ml



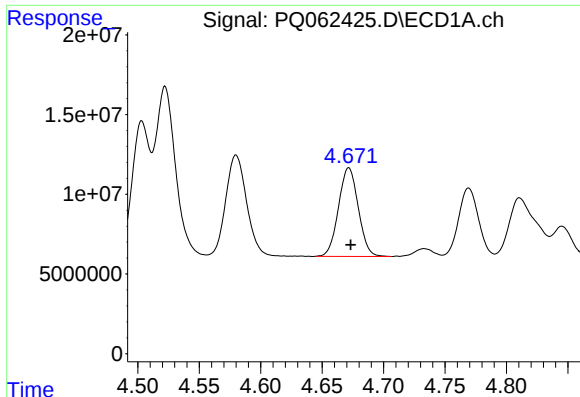
#18 AR-1242-3

R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 75033435
Conc: 620.91 ng/ml



#18 AR-1242-3

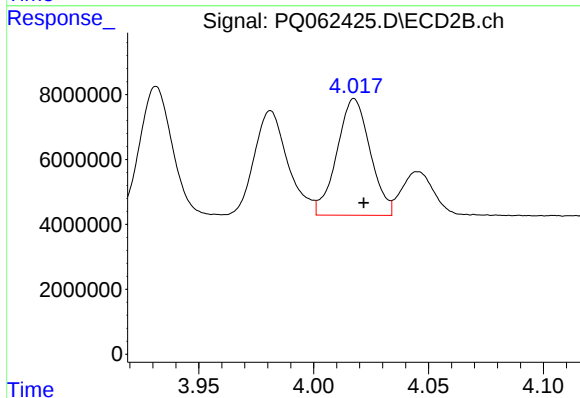
R.T.: 3.931 min
Delta R.T.: -0.005 min
Response: 37140524
Conc: 634.06 ng/ml



#19 AR-1242-4

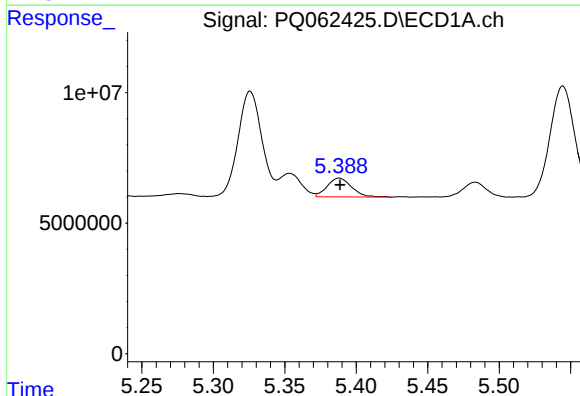
R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 62202292
Conc: 638.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



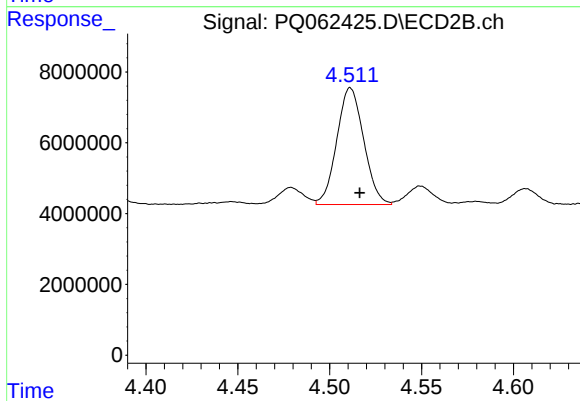
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 36241081
Conc: 618.15 ng/ml



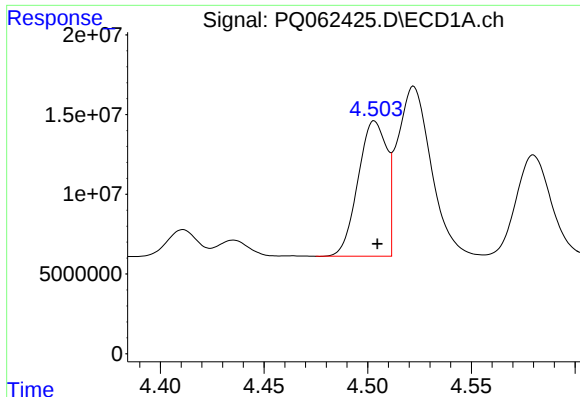
#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 8584546
Conc: 89.67 ng/ml



#20 AR-1242-5

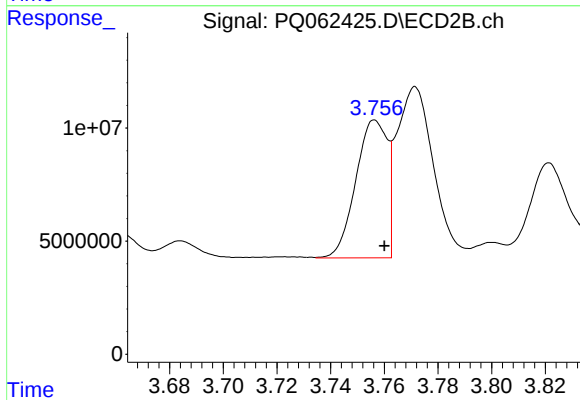
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 33574247
Conc: 405.03 ng/ml



#21 AR-1248-1

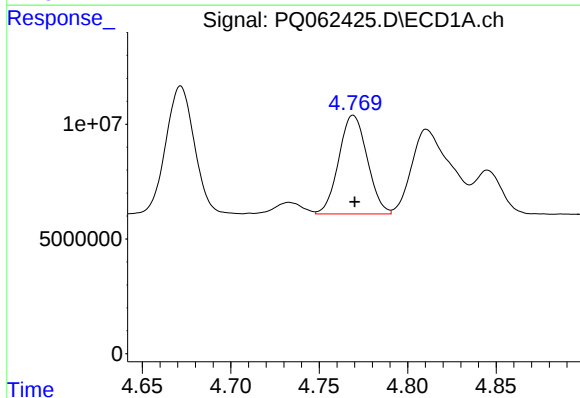
R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 81674685
Conc: 785.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



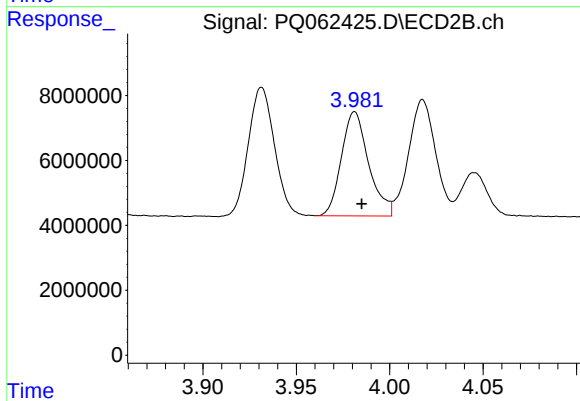
#21 AR-1248-1

R.T.: 3.756 min
Delta R.T.: -0.004 min
Response: 49448354
Conc: 790.92 ng/ml



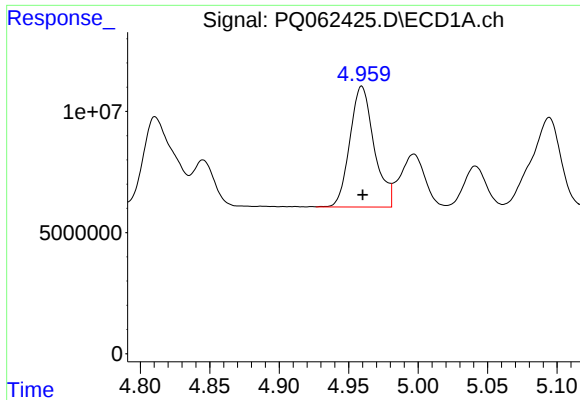
#22 AR-1248-2

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 48144248
Conc: 335.12 ng/ml



#22 AR-1248-2

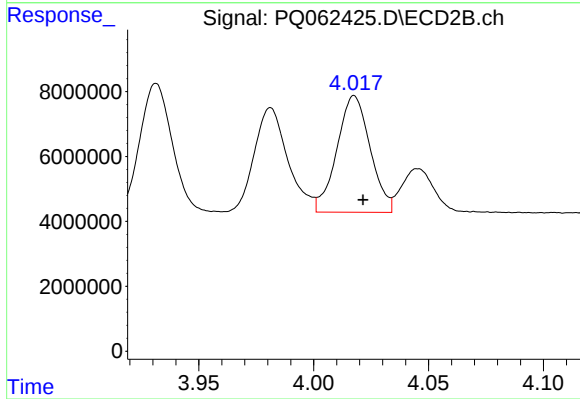
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 32631823
Conc: 348.00 ng/ml



#23 AR-1248-3

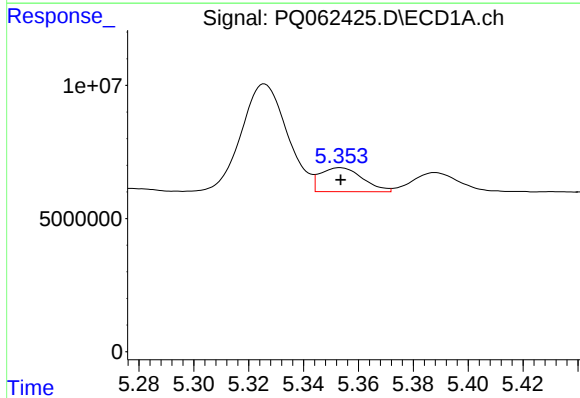
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 60559376
Conc: 348.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



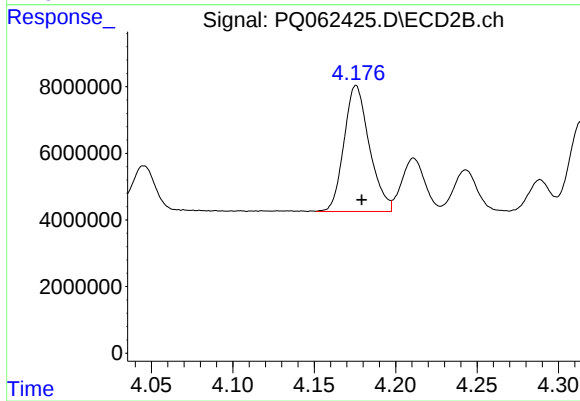
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 36241081
Conc: 400.26 ng/ml



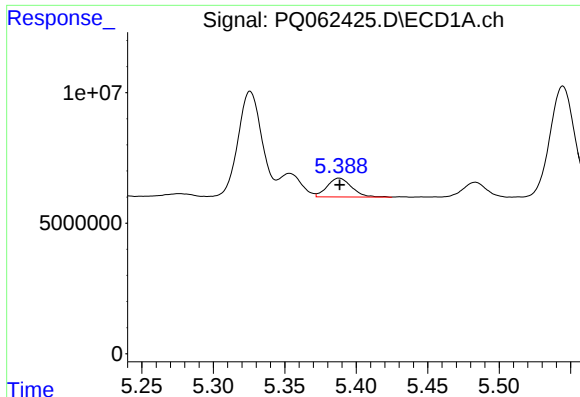
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 9684306
Conc: 50.46 ng/ml



#24 AR-1248-4

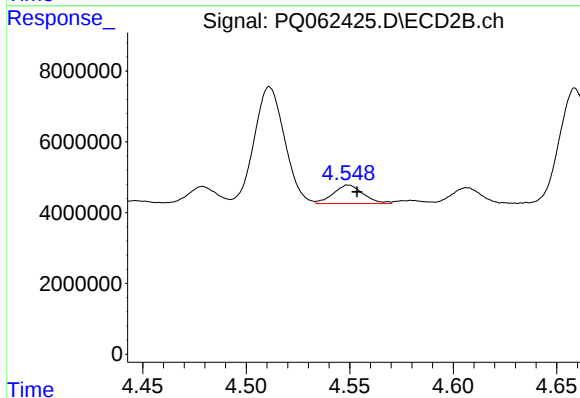
R.T.: 4.176 min
Delta R.T.: -0.003 min
Response: 40967948
Conc: 363.06 ng/ml



#25 AR-1248-5

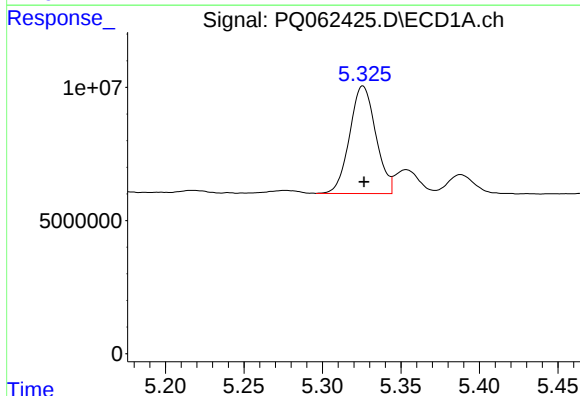
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 8584546
Conc: 47.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



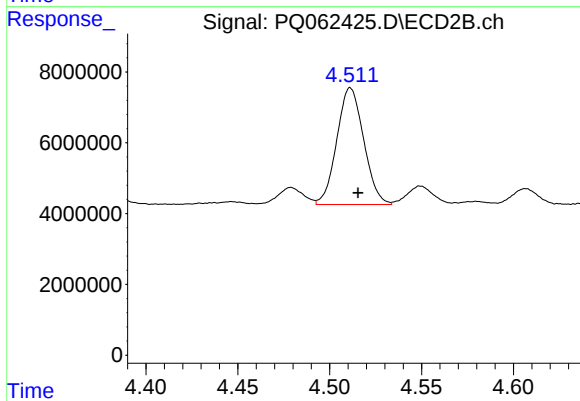
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.004 min
Response: 5241296
Conc: 46.78 ng/ml



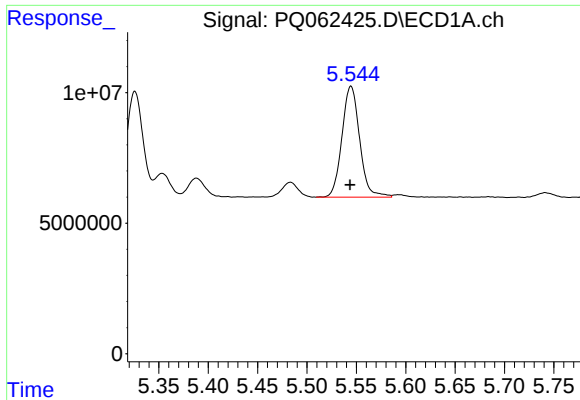
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 46901240
Conc: 252.40 ng/ml



#26 AR-1254-1

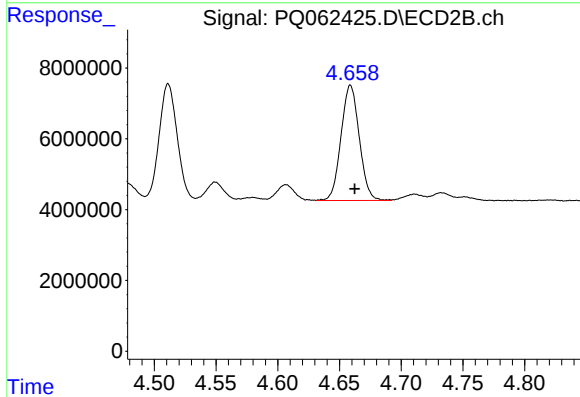
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 33574247
Conc: 207.94 ng/ml



#27 AR-1254-2

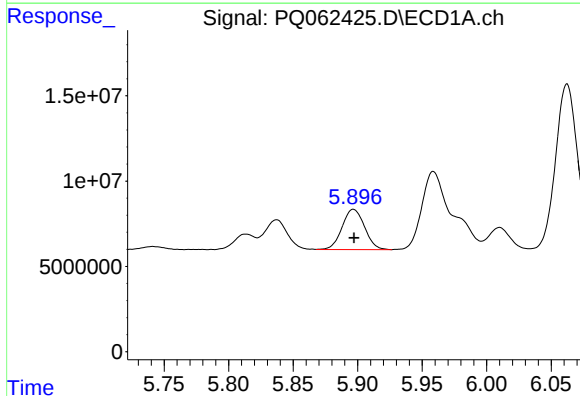
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 52928454
Conc: 182.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



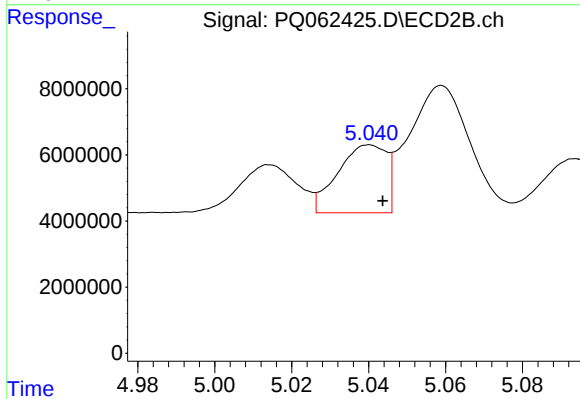
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 33552849
Conc: 227.90 ng/ml



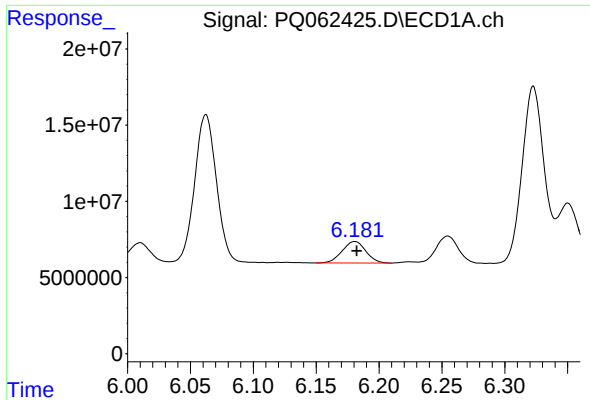
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 28662652
Conc: 93.32 ng/ml



#28 AR-1254-3

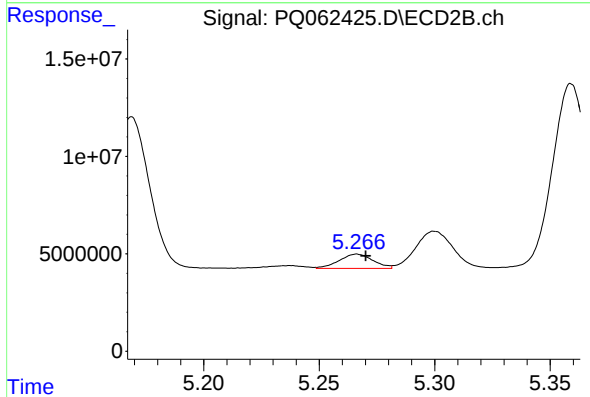
R.T.: 5.040 min
Delta R.T.: -0.003 min
Response: 18046042
Conc: 77.22 ng/ml



#29 AR-1254-4

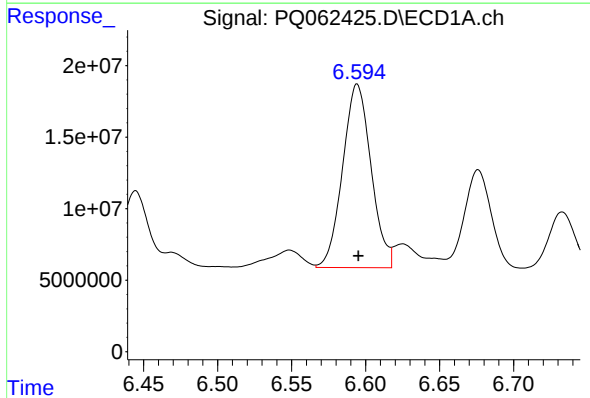
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 18620657
Conc: 80.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



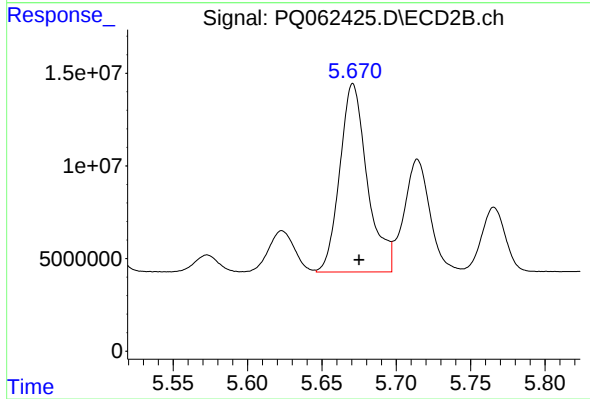
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 7419412
Conc: 48.68 ng/ml



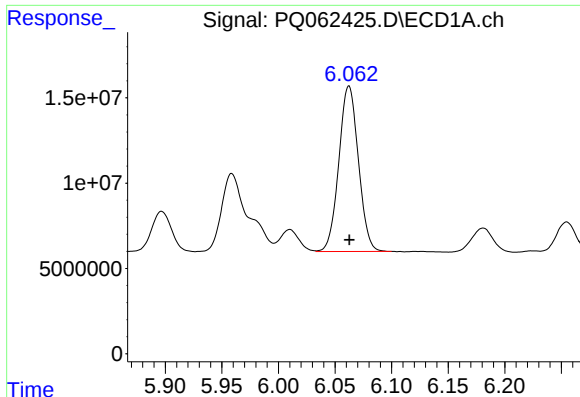
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 171529828
Conc: 667.77 ng/ml



#30 AR-1254-5

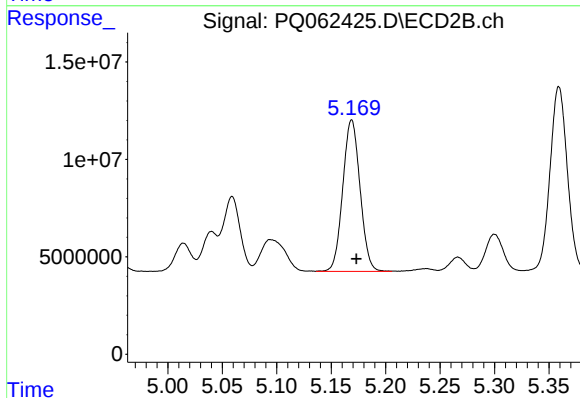
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 130883767
Conc: 567.10 ng/ml



#31 AR-1260-1

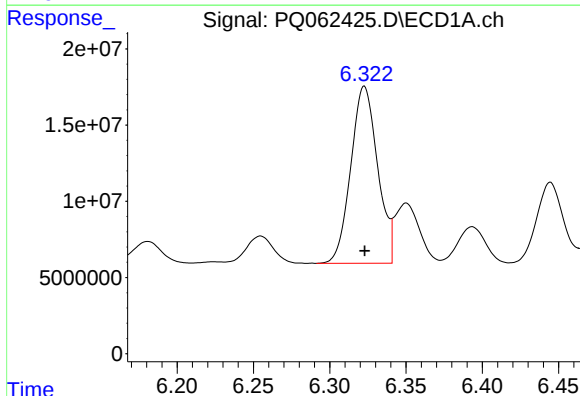
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 116636668
Conc: 494.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



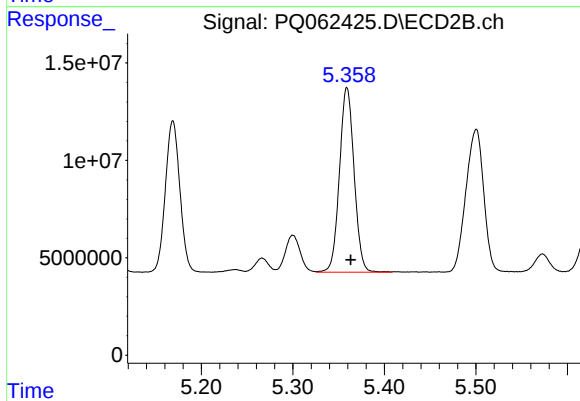
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 85804018
Conc: 515.17 ng/ml



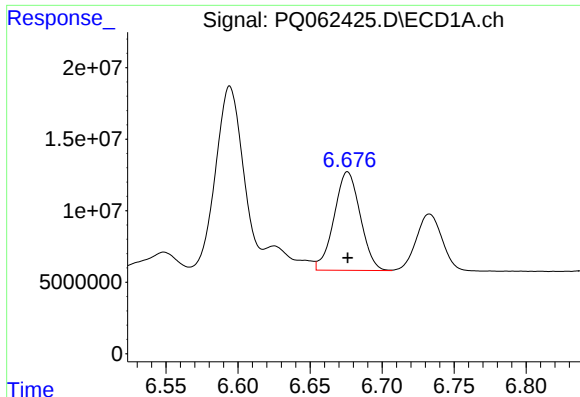
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 142270108
Conc: 492.60 ng/ml



#32 AR-1260-2

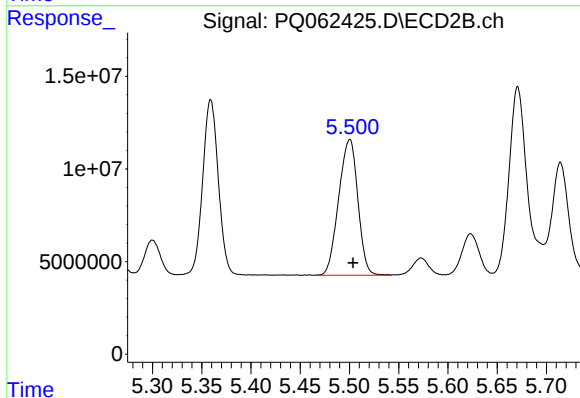
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 105489791
Conc: 507.29 ng/ml



#33 AR-1260-3

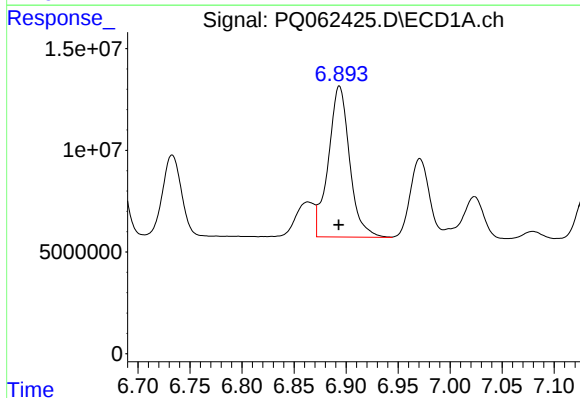
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 87264316
Conc: 494.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



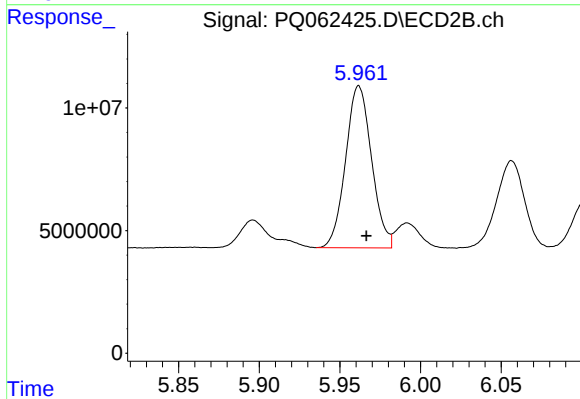
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 99262015
Conc: 510.19 ng/ml



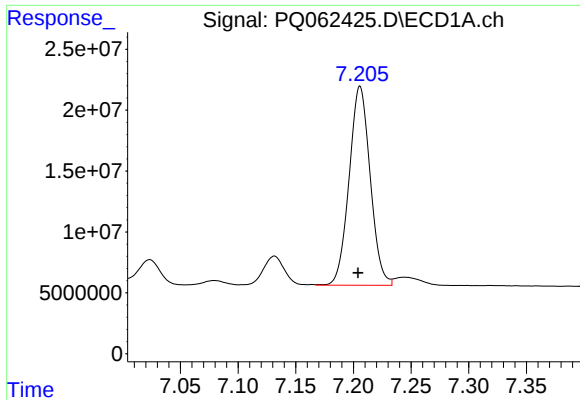
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 105371283
Conc: 500.22 ng/ml



#34 AR-1260-4

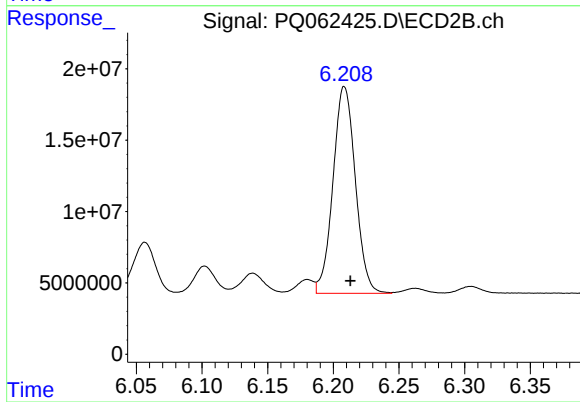
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 74110298
Conc: 508.09 ng/ml



#35 AR-1260-5

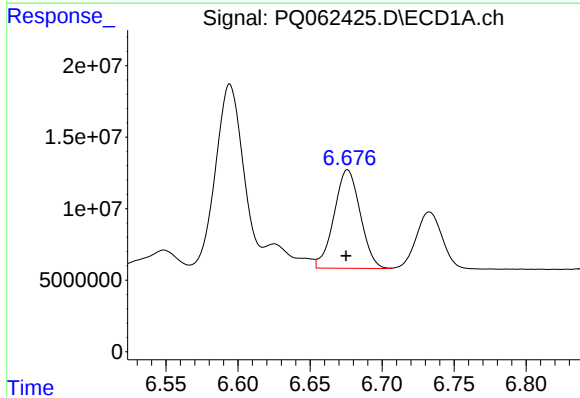
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 207236358
Conc: 504.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



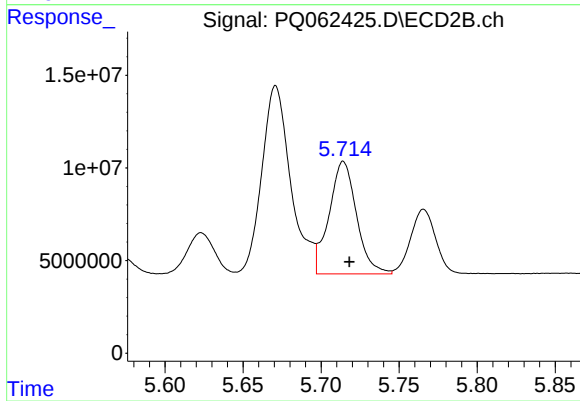
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 171826384
Conc: 517.46 ng/ml



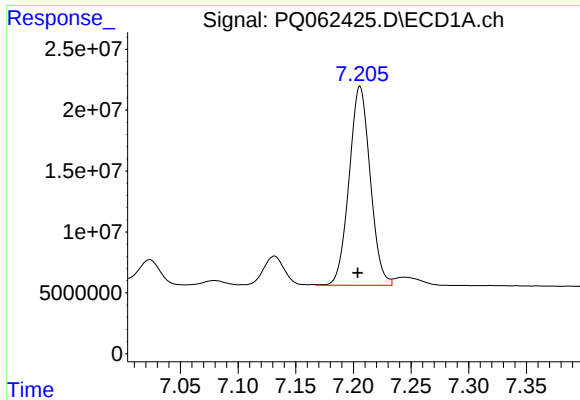
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 87264316
Conc: 286.17 ng/ml



#36 AR-1262-1

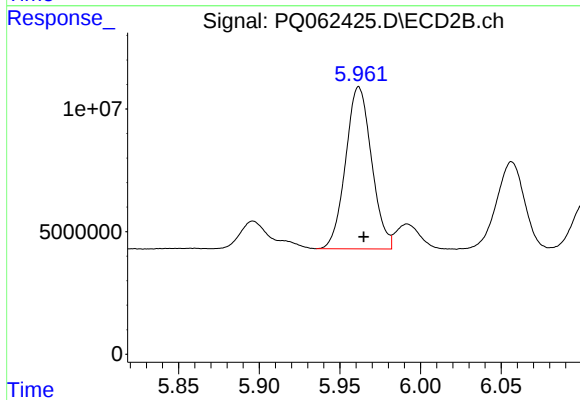
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 74360979
Conc: 319.87 ng/ml



#37 AR-1262-2

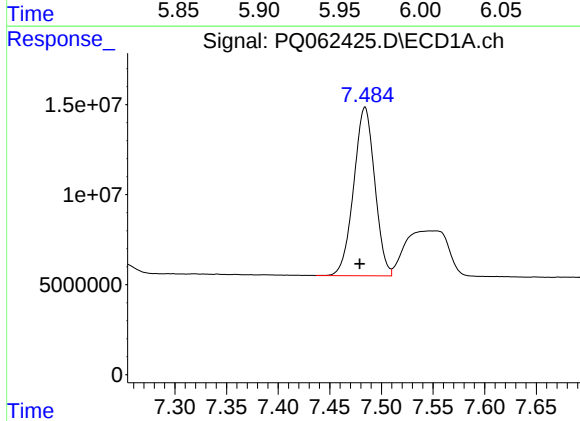
R.T.: 7.206 min
Delta R.T.: 0.002 min
Response: 207236358
Conc: 393.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



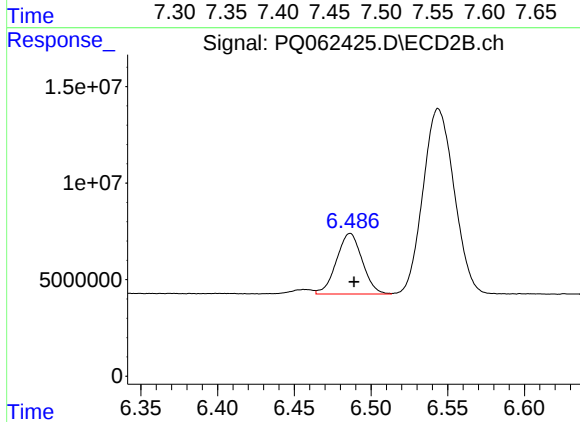
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 74110298
Conc: 342.77 ng/ml



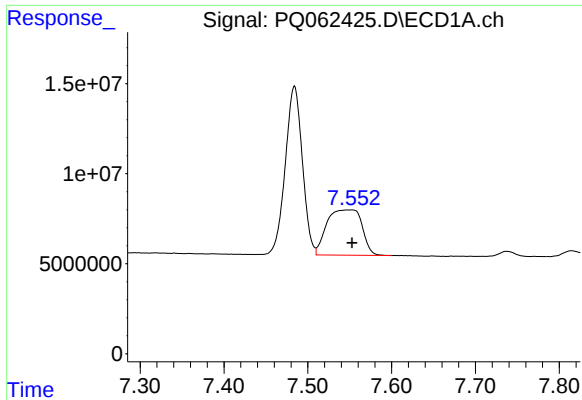
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 132647782
Conc: 376.52 ng/ml



#38 AR-1262-3

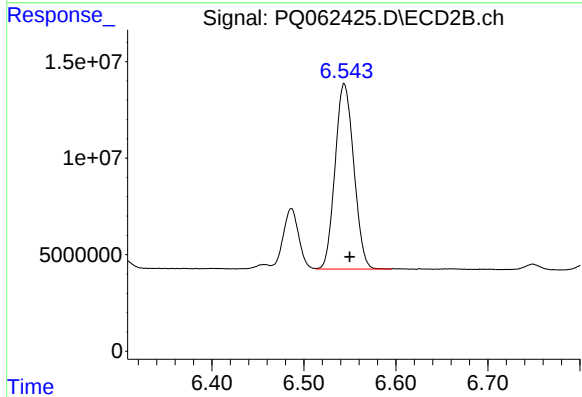
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 36636663
Conc: 210.16 ng/ml



#39 AR-1262-4

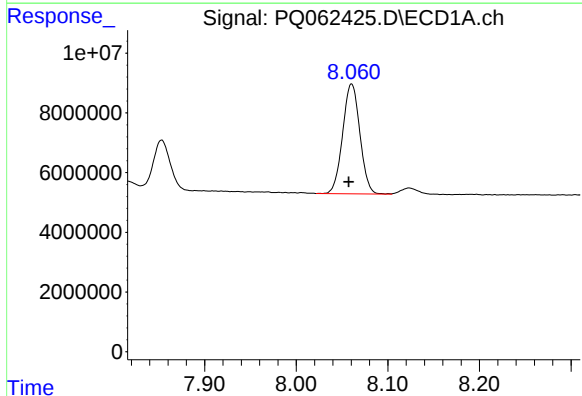
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 73127507
Conc: 274.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



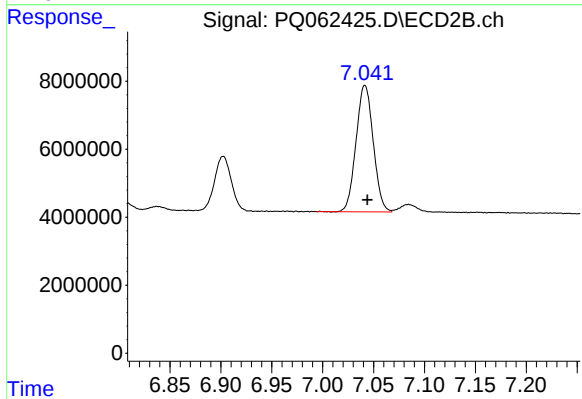
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 135676788
Conc: 420.97 ng/ml



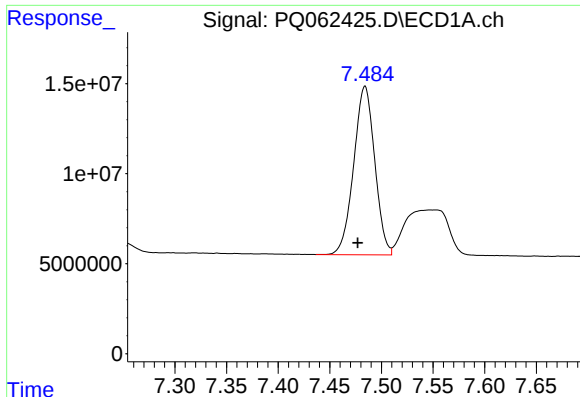
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 48249154
Conc: 271.81 ng/ml



#40 AR-1262-5

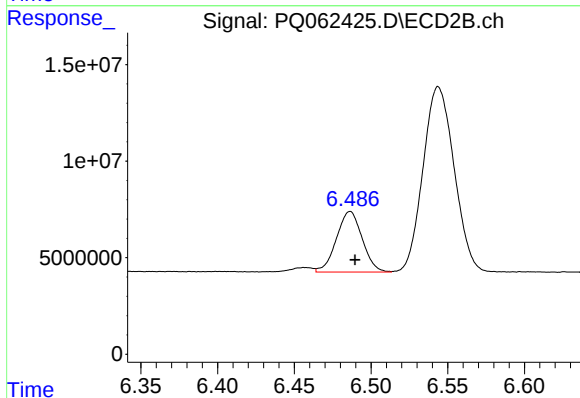
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 43747413
Conc: 282.03 ng/ml



#41 AR-1268-1

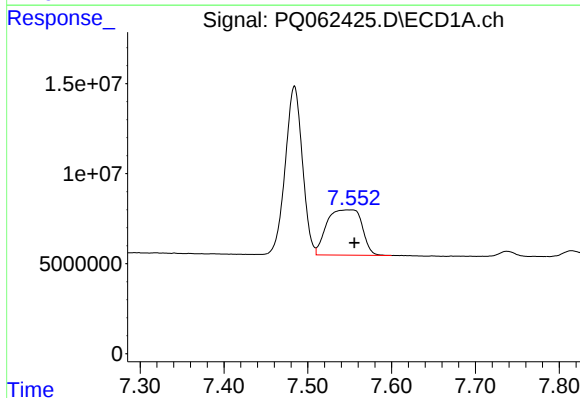
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 132647782
Conc: 233.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



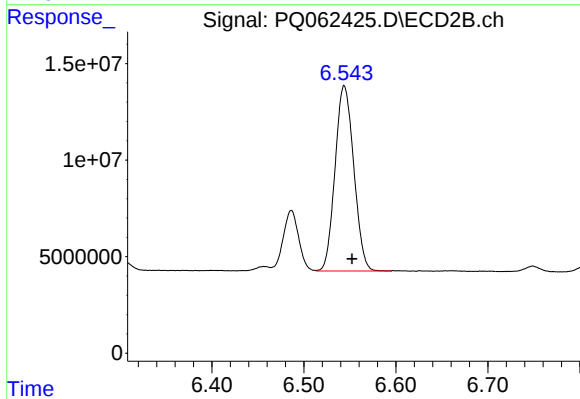
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 36636663
Conc: 77.86 ng/ml



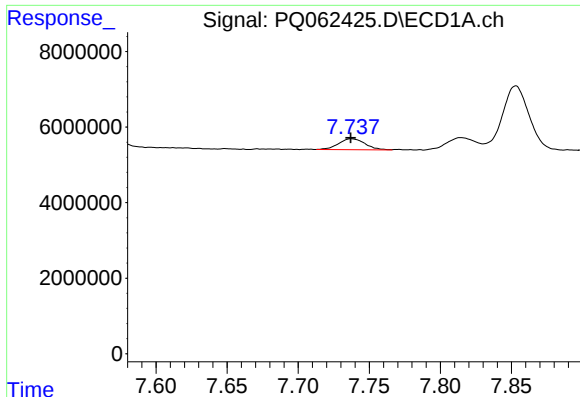
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 73127507
Conc: 143.42 ng/ml



#42 AR-1268-2

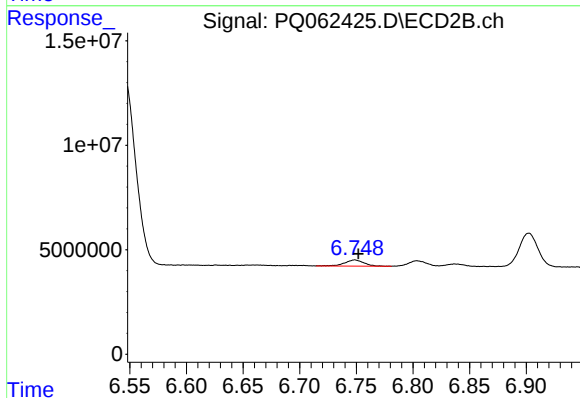
R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 135676788
Conc: 320.22 ng/ml



#43 AR-1268-3

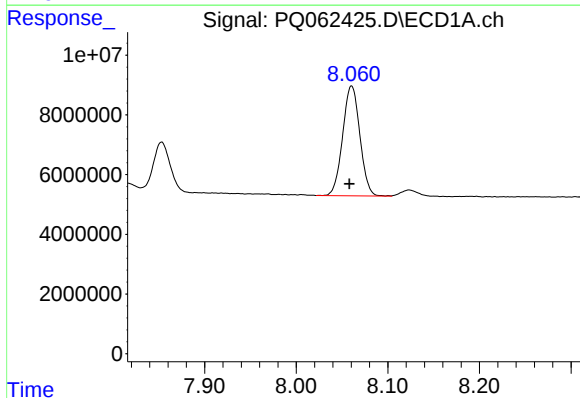
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3747963
Conc: 8.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



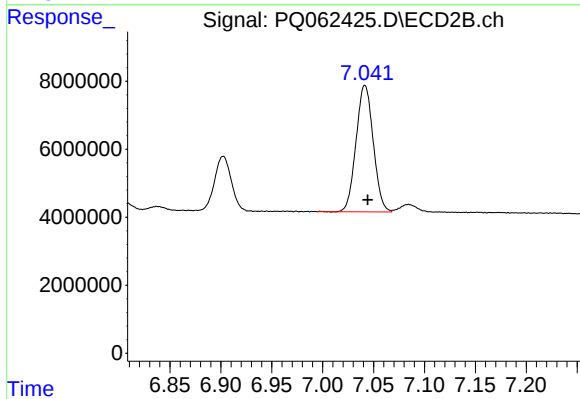
#43 AR-1268-3

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 3507504
Conc: 9.52 ng/ml



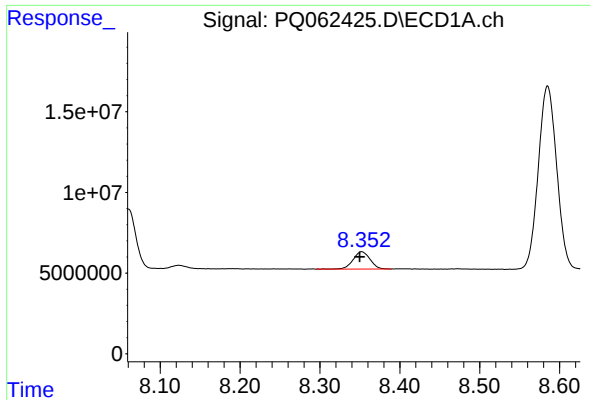
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 48249154
Conc: 263.68 ng/ml



#44 AR-1268-4

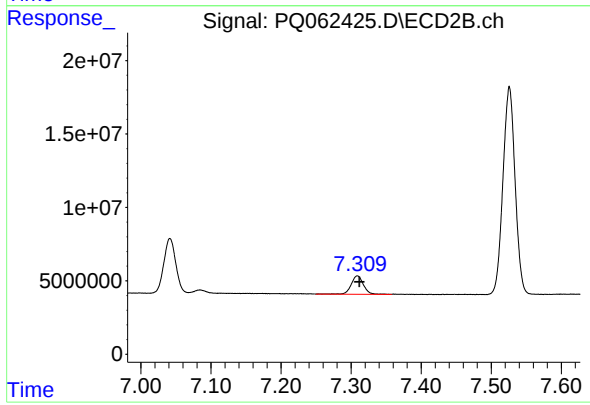
R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 43747413
Conc: 273.53 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.003 min
Response: 15764117
Conc: 12.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 15147367
Conc: 12.98 ng/ml