

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
 Data File : PQ062514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 22:50
 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 22 14:54:23 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	2.756	237.7E6	131.5E6	48.721	52.404
2)	SA Decachlor...	8.583	7.523	196.2E6	174.9E6	54.018	52.499
Target Compounds							
3)	L1 AR-1016-1	4.503	3.757	82164533	48825273	498.820	493.307
4)	L1 AR-1016-2	4.522	3.771	123.6E6	71830391	499.858	498.134
5)	L1 AR-1016-3	4.580	3.932	76804610	37228626	503.949	493.469
6)	L1 AR-1016-4	4.671	3.981	63023567	32074787	502.800	488.356
7)	L1 AR-1016-5	4.958	4.175	62568295	40055670	514.048	488.593
8)	L2 AR-1221-1	3.599	2.956	8511472	5477556	141.603	166.004
9)	L2 AR-1221-2	3.681	3.033	12177473	7817991	271.016	307.794
10)	L2 AR-1221-3	3.751	3.101	46339702	27517205	329.777	356.945
11)	L3 AR-1232-1	3.751	3.101	46339702	27517205	438.817	480.242
12)	L3 AR-1232-2	4.244	3.771	62396250	71830391	1054.861	1079.264
13)	L3 AR-1232-3	4.522	3.932	123.6E6	37228626	1093.018	1077.374
14)	L3 AR-1232-4	4.671	4.018	63023567	36108350	1112.185	1214.141
15)	L3 AR-1232-5	4.769	4.175	47782538	40055670	1193.072	1123.239
16)	L4 AR-1242-1	4.503	3.757	82164533	48825273	628.630	631.314
17)	L4 AR-1242-2	4.522	3.771	123.6E6	71830391	636.655	646.197
18)	L4 AR-1242-3	4.580	3.932	76804610	37228626	635.568	635.561
19)	L4 AR-1242-4	4.671	4.018	63023567	36108350	646.490	615.887
20)	L4 AR-1242-5	5.389	4.511	5235733	31458535	54.693	379.509 #
21)	L5 AR-1248-1	4.503	3.757	82164533	48825273	790.206	780.950
22)	L5 AR-1248-2	4.769	3.981	47782538	32074787	332.604	342.063
23)	L5 AR-1248-3	4.958	4.018	62568295	36108350	360.182	398.795
24)	L5 AR-1248-4	5.353	4.175	8200402	40055670	42.726	354.979 #
25)	L5 AR-1248-5	5.389	4.549	5235733	4612705	28.907	41.173 #
26)	L6 AR-1254-1	5.325	4.511	47058624	31458535	253.247	194.835
27)	L6 AR-1254-2	5.544	4.659	52136356	31133142	179.340	211.467
28)	L6 AR-1254-3	5.896	5.040	27838971	16909359	90.639	72.355
29)	L6 AR-1254-4	6.180	5.266	21813519	8672090	93.946	56.898 #
30)	L6 AR-1254-5	6.593	5.671	177.6E6	137.7E6	691.210	596.501
31)	L7 AR-1260-1	6.061	5.168	119.6E6	82666468	506.725	496.337
32)	L7 AR-1260-2	6.322	5.359	147.9E6	107.1E6	512.186	514.924
33)	L7 AR-1260-3	6.675	5.500	90436780	110.0E6	512.168	565.580
34)	L7 AR-1260-4	6.893	5.962	109.3E6	73357972	518.885	502.929
35)	L7 AR-1260-5	7.204	6.208	219.0E6	171.3E6	533.416	515.863
36)	L8 AR-1262-1	6.675	5.714	90436780	76313796	296.571	328.272
37)	L8 AR-1262-2	7.204	5.962	219.0E6	73357972	415.834	339.295
38)	L8 AR-1262-3	7.482	6.486	141.7E6	37692791	402.155	216.218 #
39)	L8 AR-1262-4	7.553	6.544	35043057	136.0E6	131.385	421.877 #
40)	L8 AR-1262-5	8.057	7.041	51809501	45186245	291.870	291.308
41)	L9 AR-1268-1	7.482	6.486	141.7E6	37692791	249.667	80.106 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072123\
 Data File : PQ062514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 22:50
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

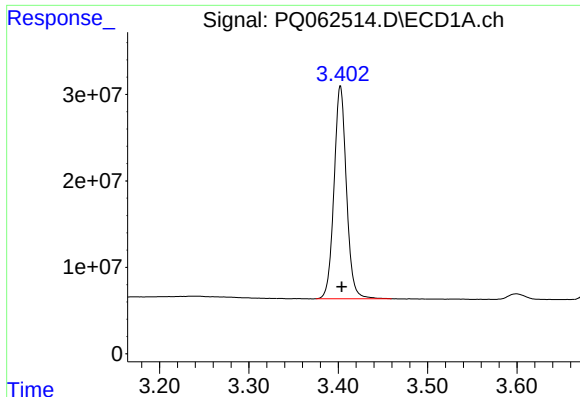
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 14:54:23 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	7.553	6.544	35043057	136.0E6	68.729	320.906 #
43) L9	AR-1268-3	7.736	6.747	4243139	3567020	9.942	9.685
44) L9	AR-1268-4	8.057	7.041	51809501	45186245	283.135	282.526
45) L9	AR-1268-5	8.349	7.308	16818500	17541525	13.340	15.032

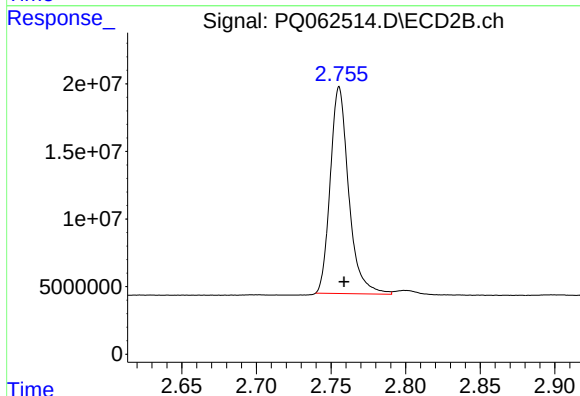
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

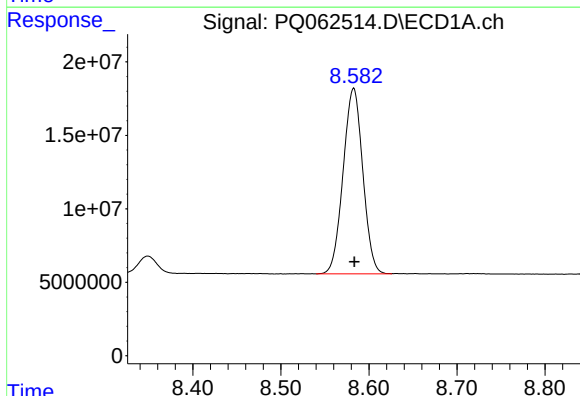
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 237669911
Conc: 48.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



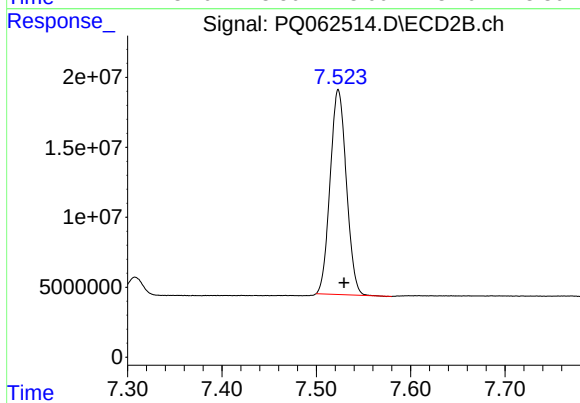
#1 Tetrachloro-m-xylene

R.T.: 2.756 min
Delta R.T.: -0.003 min
Response: 131486488
Conc: 52.40 ng/ml



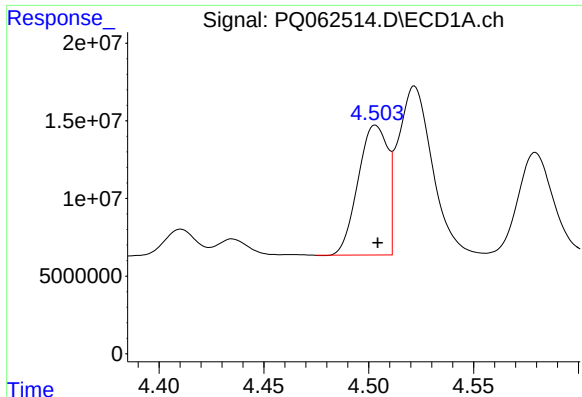
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.001 min
Response: 196232833
Conc: 54.02 ng/ml



#2 Decachlorobiphenyl

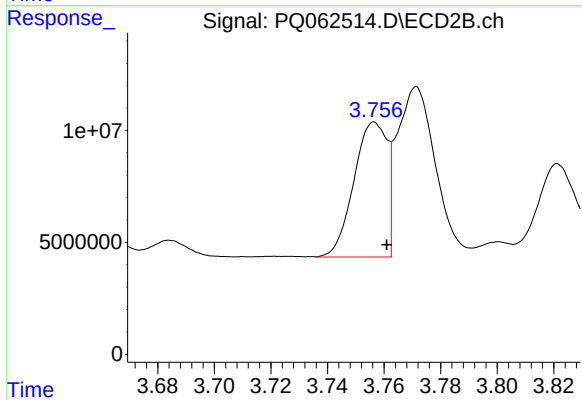
R.T.: 7.523 min
Delta R.T.: -0.006 min
Response: 174935984
Conc: 52.50 ng/ml



#3 AR-1016-1

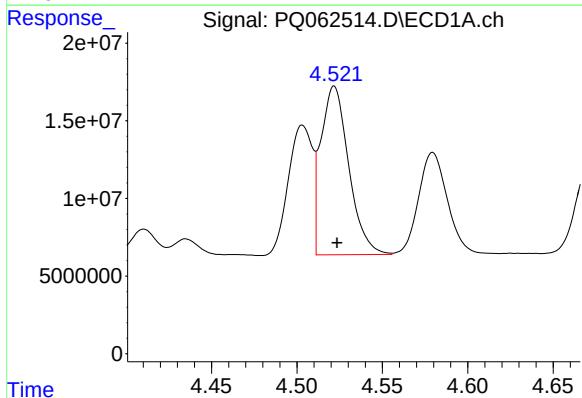
R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 82164533
Conc: 498.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



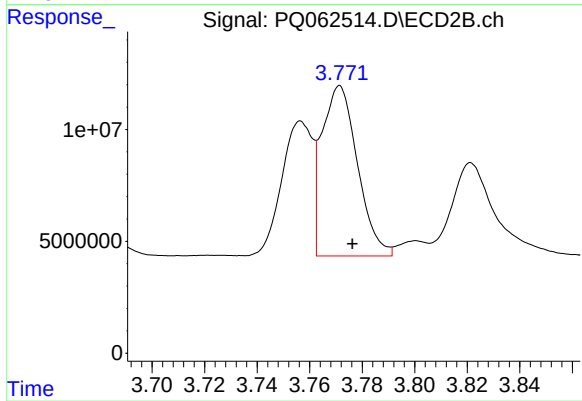
#3 AR-1016-1

R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 48825273
Conc: 493.31 ng/ml



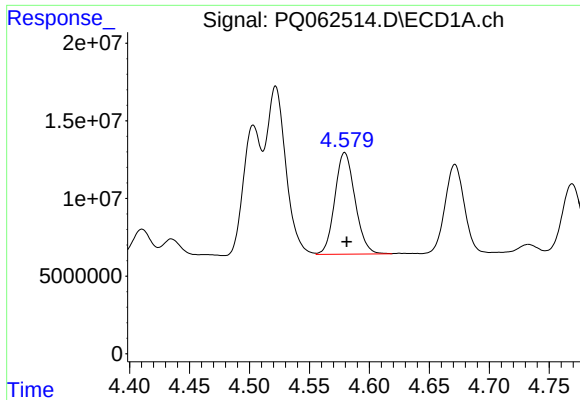
#4 AR-1016-2

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 123599074
Conc: 499.86 ng/ml



#4 AR-1016-2

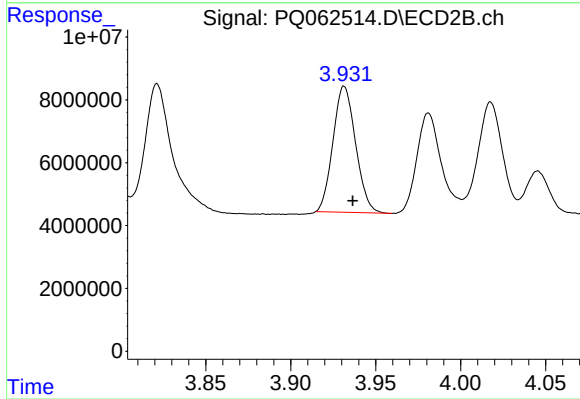
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 71830391
Conc: 498.13 ng/ml



#5 AR-1016-3

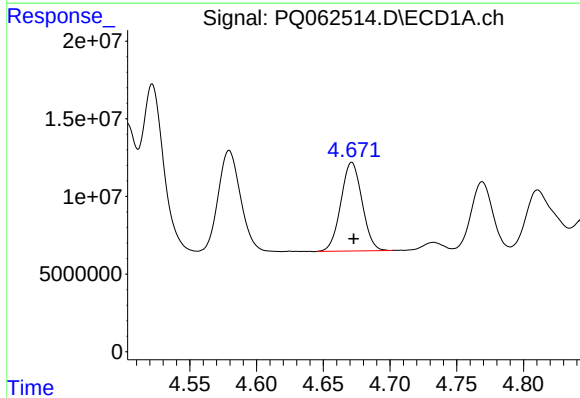
R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 76804610
Conc: 503.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



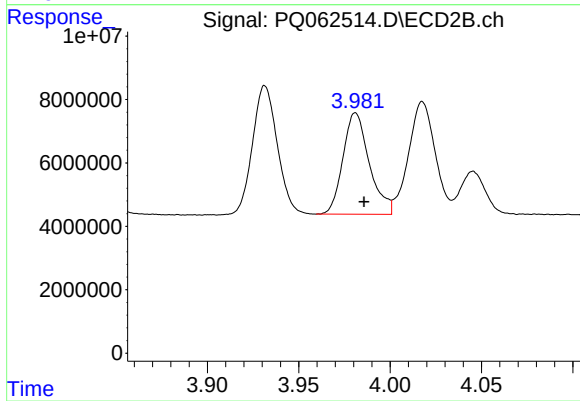
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 37228626
Conc: 493.47 ng/ml



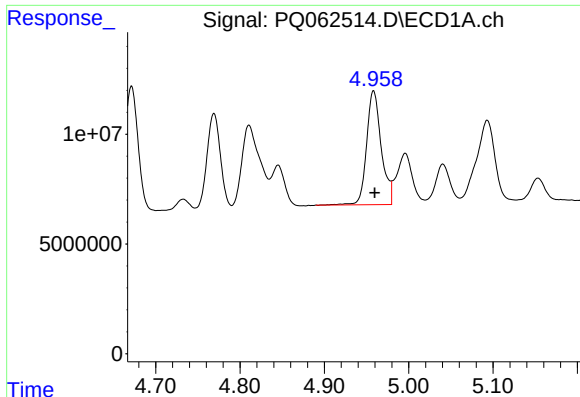
#6 AR-1016-4

R.T.: 4.671 min
Delta R.T.: -0.001 min
Response: 63023567
Conc: 502.80 ng/ml



#6 AR-1016-4

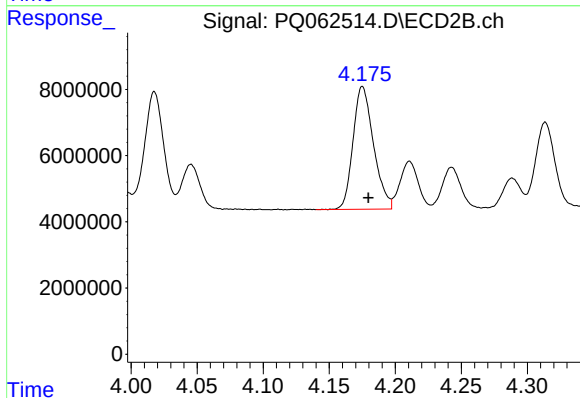
R.T.: 3.981 min
Delta R.T.: -0.005 min
Response: 32074787
Conc: 488.36 ng/ml



#7 AR-1016-5

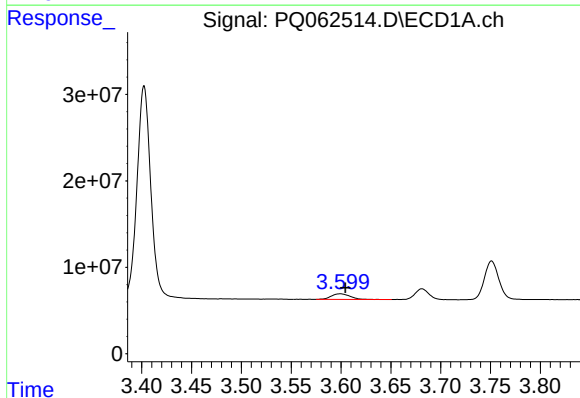
R.T.: 4.958 min
Delta R.T.: -0.001 min
Response: 62568295
Conc: 514.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



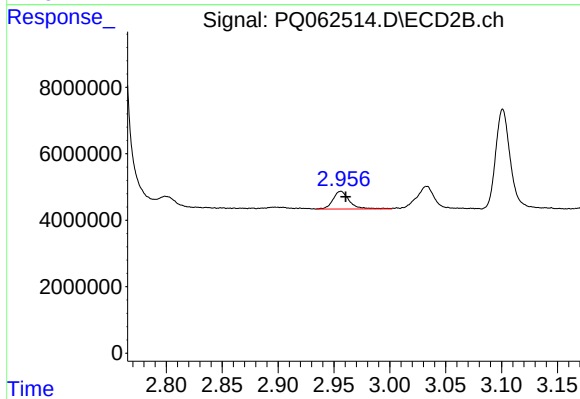
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 40055670
Conc: 488.59 ng/ml



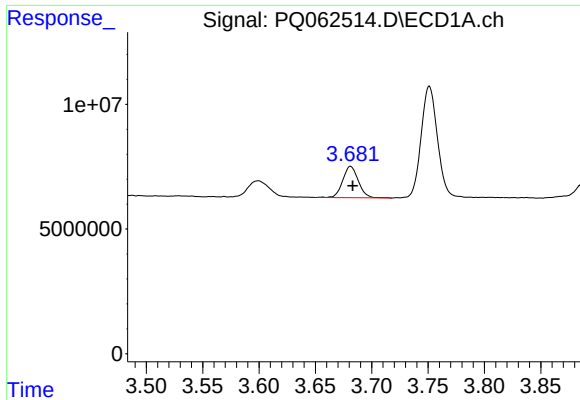
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 8511472
Conc: 141.60 ng/ml



#8 AR-1221-1

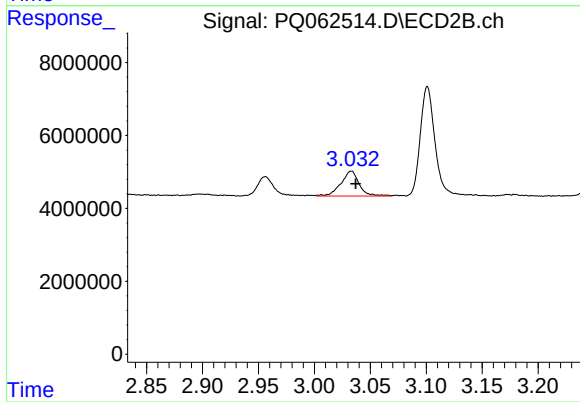
R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 5477556
Conc: 166.00 ng/ml



#9 AR-1221-2

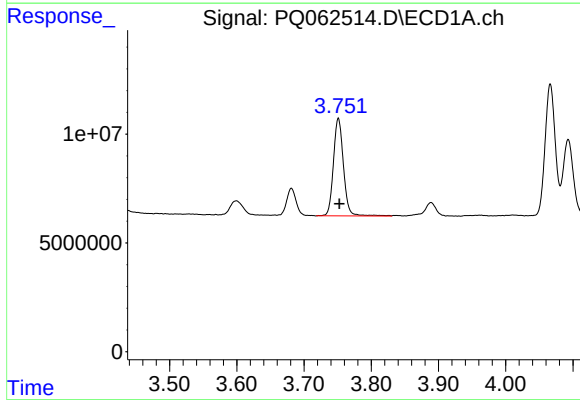
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 12177473
Conc: 271.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



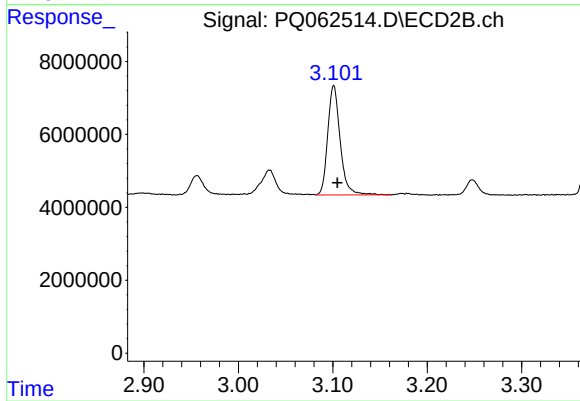
#9 AR-1221-2

R.T.: 3.033 min
Delta R.T.: -0.004 min
Response: 7817991
Conc: 307.79 ng/ml



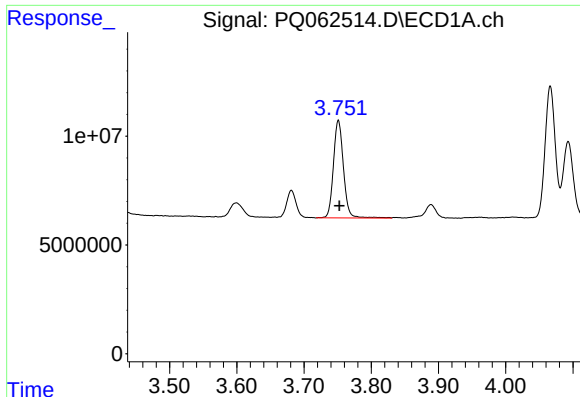
#10 AR-1221-3

R.T.: 3.751 min
Delta R.T.: -0.001 min
Response: 46339702
Conc: 329.78 ng/ml



#10 AR-1221-3

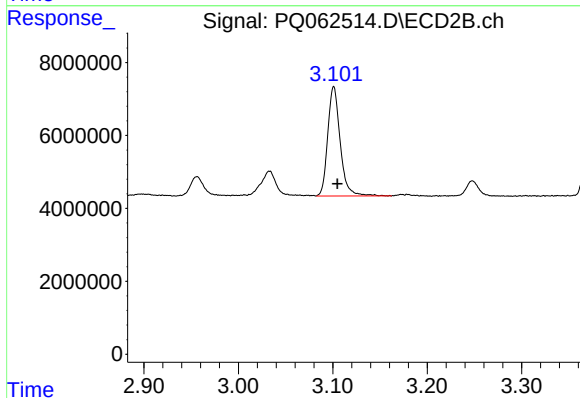
R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 27517205
Conc: 356.94 ng/ml



#11 AR-1232-1

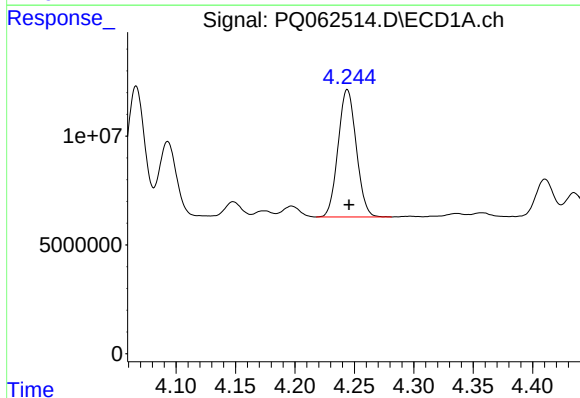
R.T.: 3.751 min
Delta R.T.: -0.001 min
Response: 46339702
Conc: 438.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



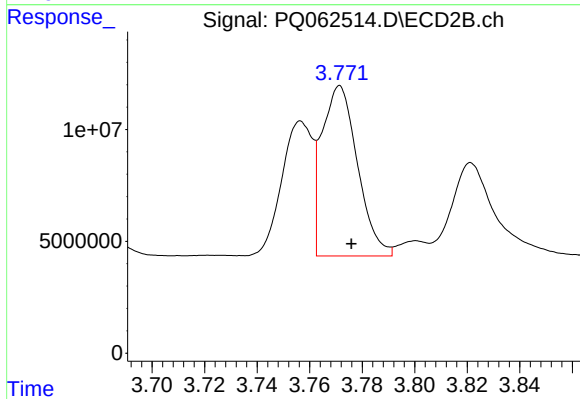
#11 AR-1232-1

R.T.: 3.101 min
Delta R.T.: -0.004 min
Response: 27517205
Conc: 480.24 ng/ml



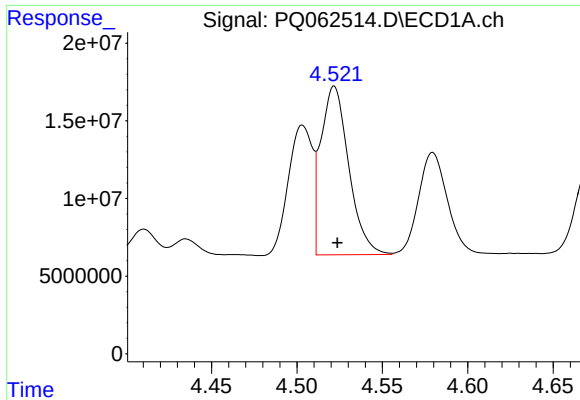
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.001 min
Response: 62396250
Conc: 1054.86 ng/ml



#12 AR-1232-2

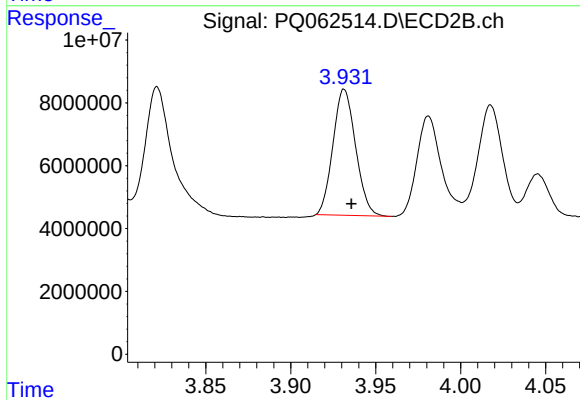
R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 71830391
Conc: 1079.26 ng/ml



#13 AR-1232-3

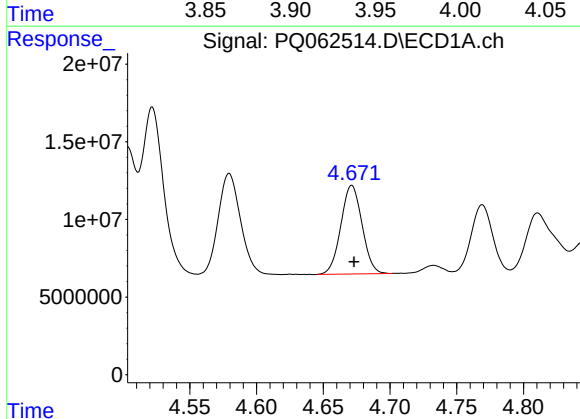
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 123599074
Conc: 1093.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



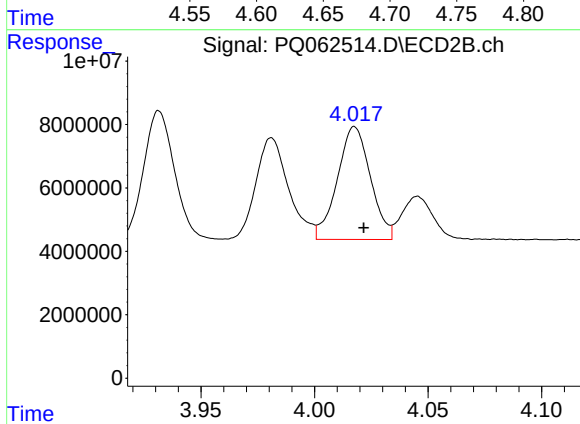
#13 AR-1232-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 37228626
Conc: 1077.37 ng/ml



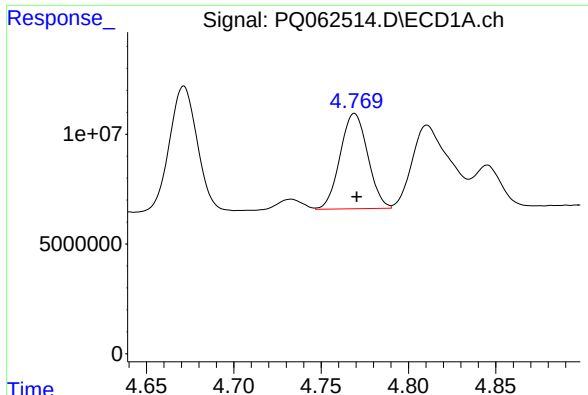
#14 AR-1232-4

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 63023567
Conc: 1112.19 ng/ml



#14 AR-1232-4

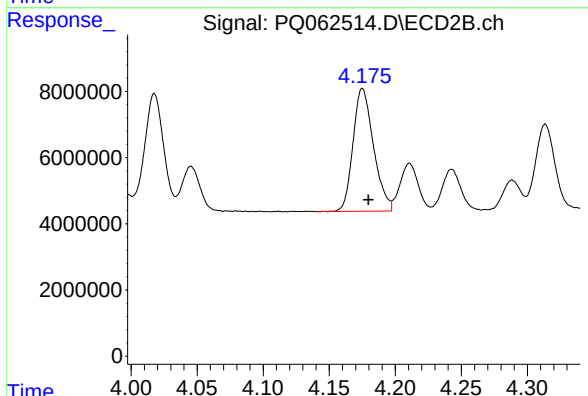
R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 36108350
Conc: 1214.14 ng/ml



#15 AR-1232-5

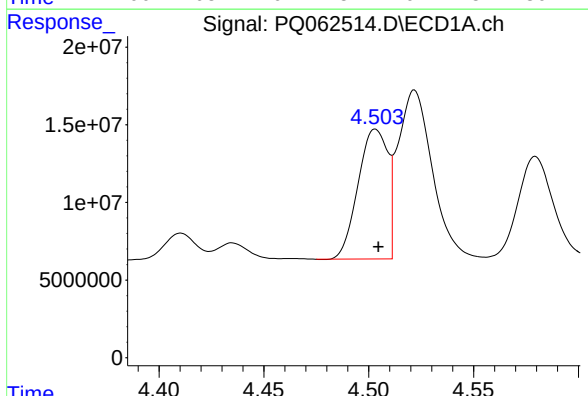
R.T.: 4.769 min
Delta R.T.: -0.001 min
Response: 47782538
Conc: 1193.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



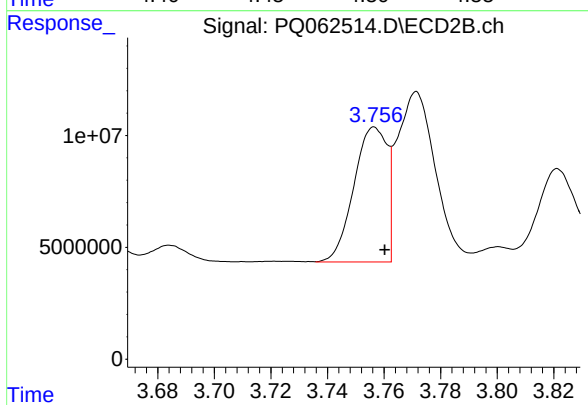
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 40055670
Conc: 1123.24 ng/ml



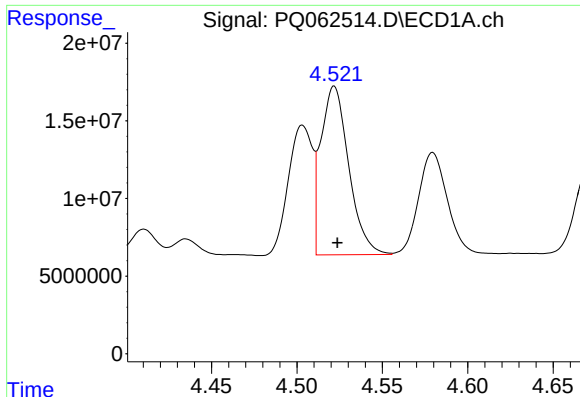
#16 AR-1242-1

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 82164533
Conc: 628.63 ng/ml



#16 AR-1242-1

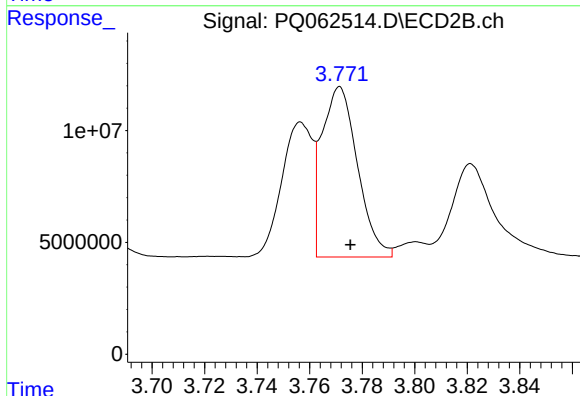
R.T.: 3.757 min
Delta R.T.: -0.004 min
Response: 48825273
Conc: 631.31 ng/ml



#17 AR-1242-2

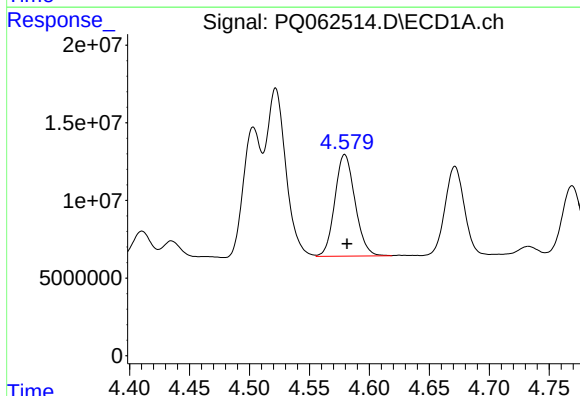
R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 123599074
Conc: 636.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



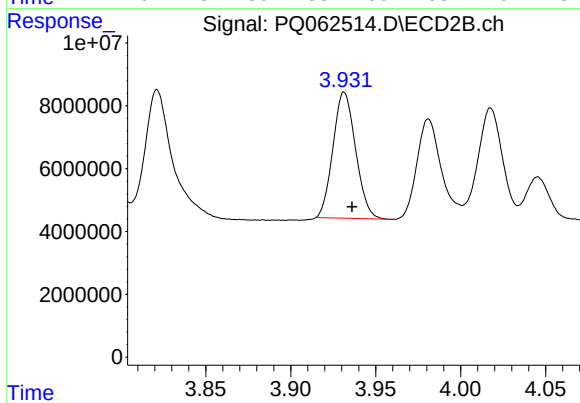
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.004 min
Response: 71830391
Conc: 646.20 ng/ml



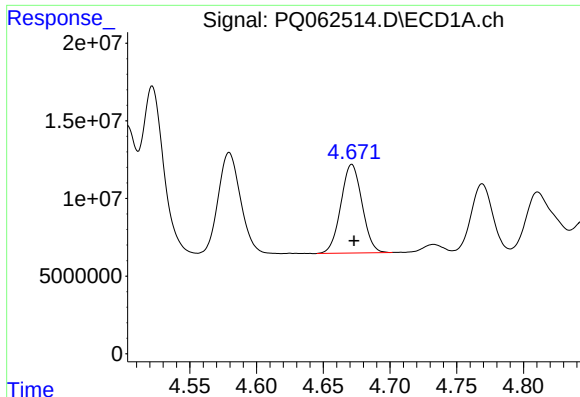
#18 AR-1242-3

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 76804610
Conc: 635.57 ng/ml



#18 AR-1242-3

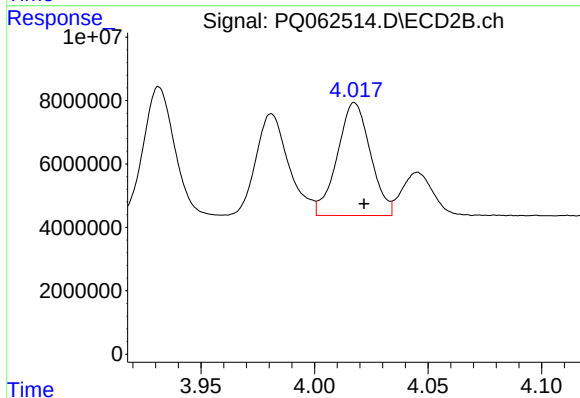
R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 37228626
Conc: 635.56 ng/ml



#19 AR-1242-4

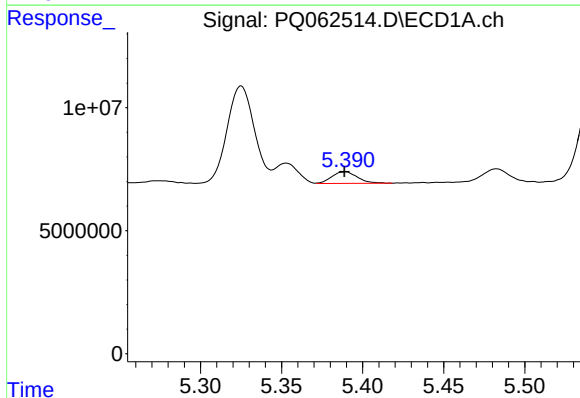
R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 63023567
Conc: 646.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



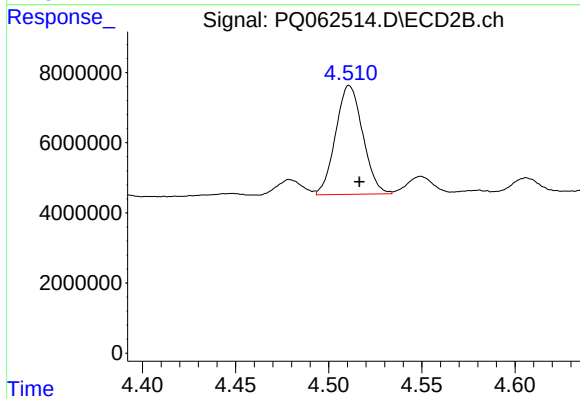
#19 AR-1242-4

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 36108350
Conc: 615.89 ng/ml



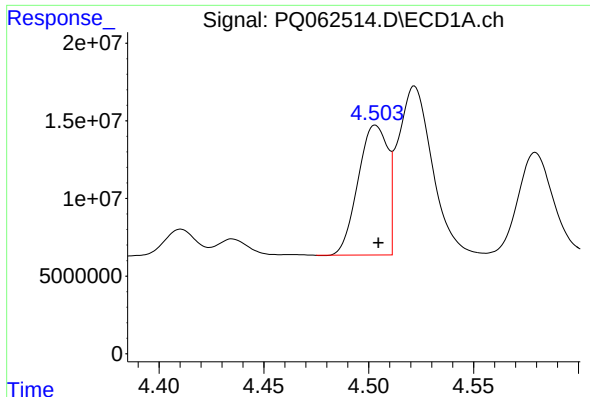
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 5235733
Conc: 54.69 ng/ml



#20 AR-1242-5

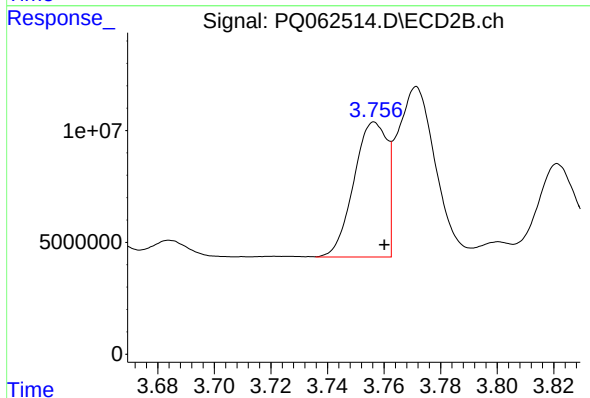
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 31458535
Conc: 379.51 ng/ml



#21 AR-1248-1

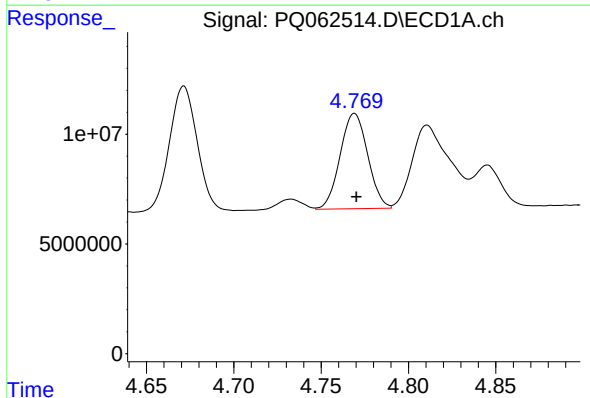
R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 82164533
Conc: 790.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



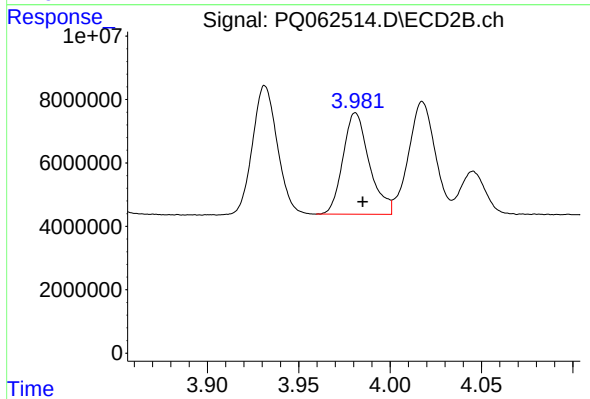
#21 AR-1248-1

R.T.: 3.757 min
Delta R.T.: -0.003 min
Response: 48825273
Conc: 780.95 ng/ml



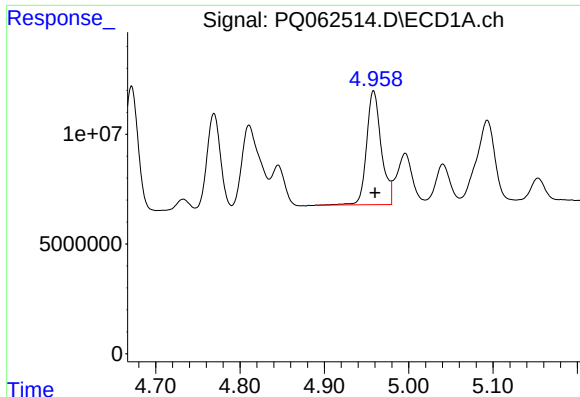
#22 AR-1248-2

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 47782538
Conc: 332.60 ng/ml



#22 AR-1248-2

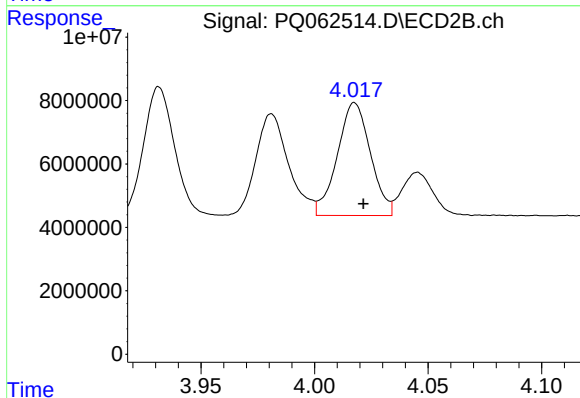
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 32074787
Conc: 342.06 ng/ml



#23 AR-1248-3

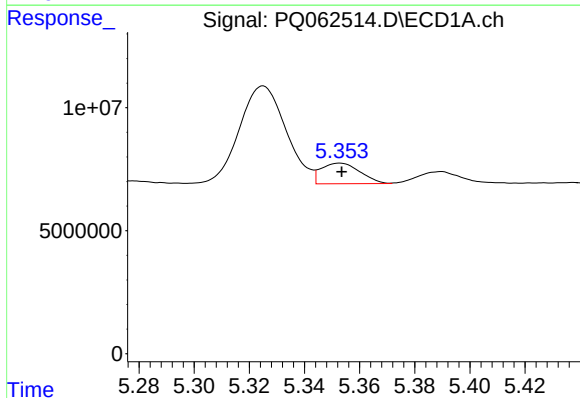
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 62568295
Conc: 360.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



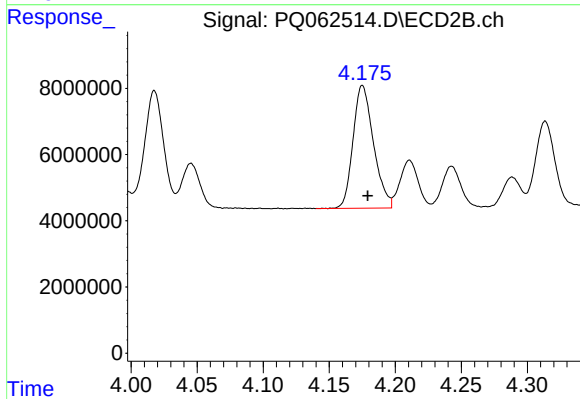
#23 AR-1248-3

R.T.: 4.018 min
Delta R.T.: -0.004 min
Response: 36108350
Conc: 398.79 ng/ml



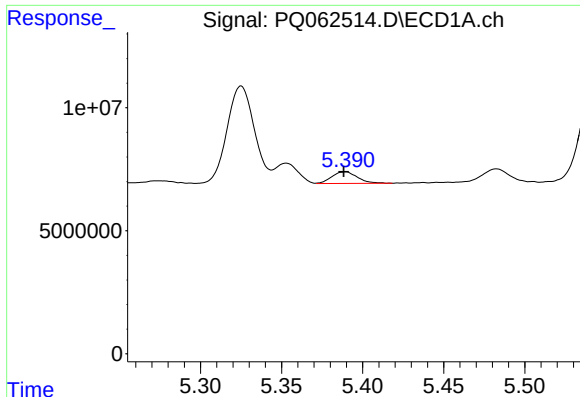
#24 AR-1248-4

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 8200402
Conc: 42.73 ng/ml



#24 AR-1248-4

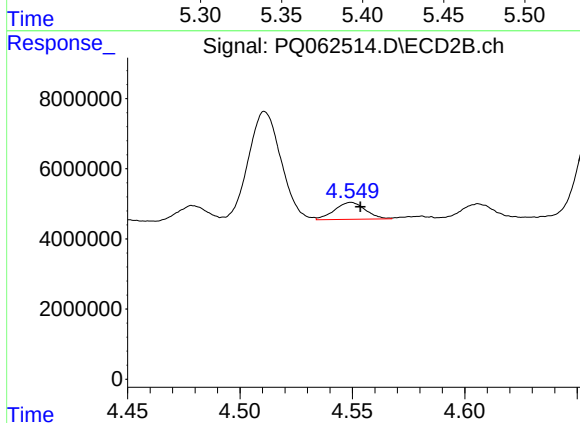
R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 40055670
Conc: 354.98 ng/ml



#25 AR-1248-5

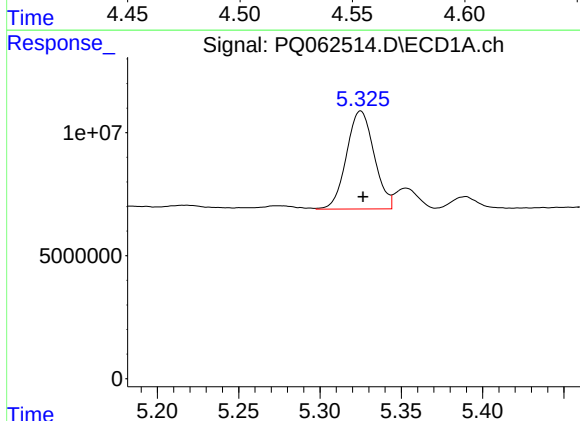
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 5235733
Conc: 28.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



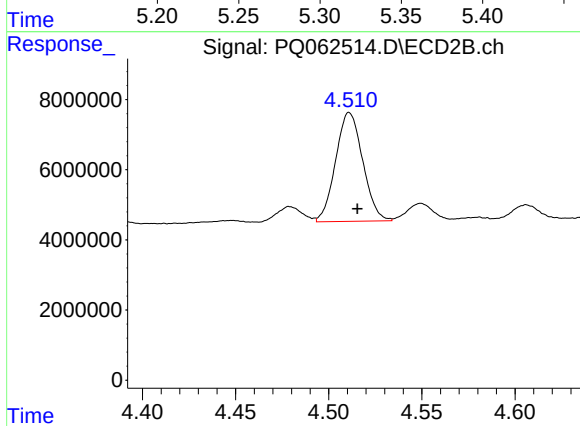
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.004 min
Response: 4612705
Conc: 41.17 ng/ml



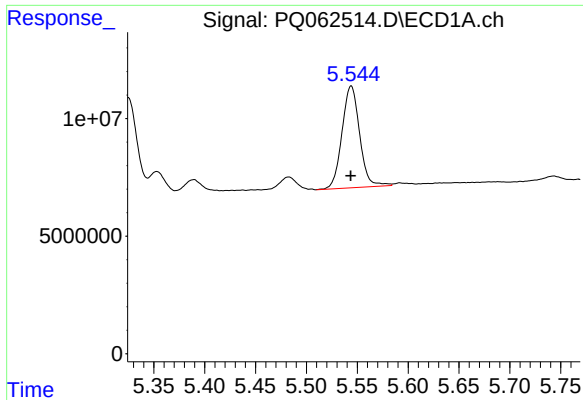
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.001 min
Response: 47058624
Conc: 253.25 ng/ml



#26 AR-1254-1

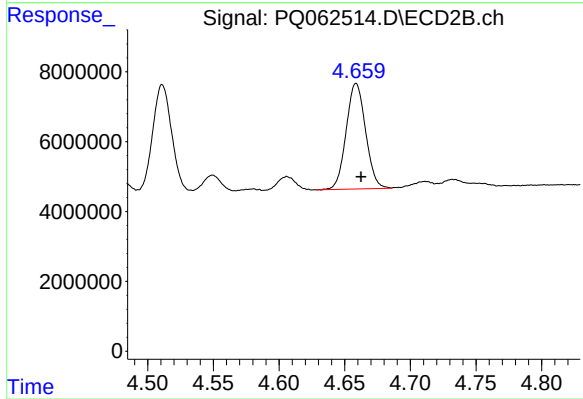
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 31458535
Conc: 194.83 ng/ml



#27 AR-1254-2

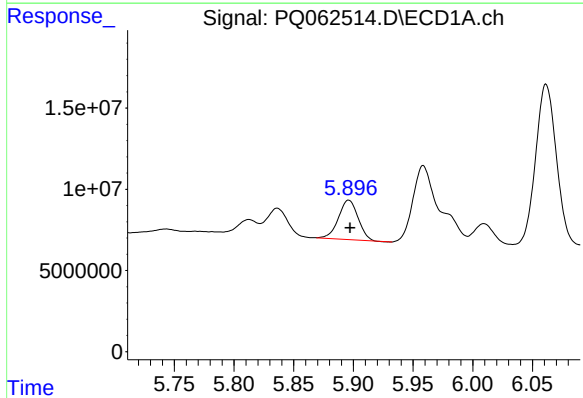
R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 52136356
Conc: 179.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



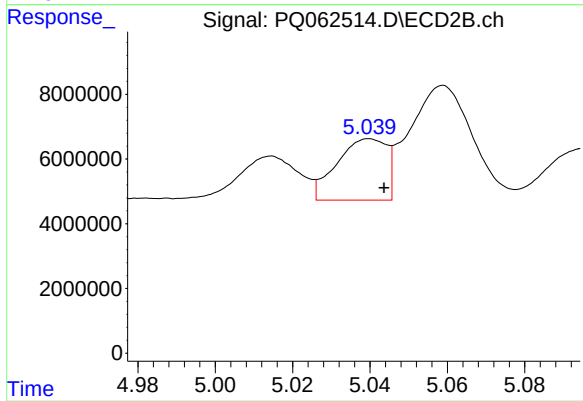
#27 AR-1254-2

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 31133142
Conc: 211.47 ng/ml



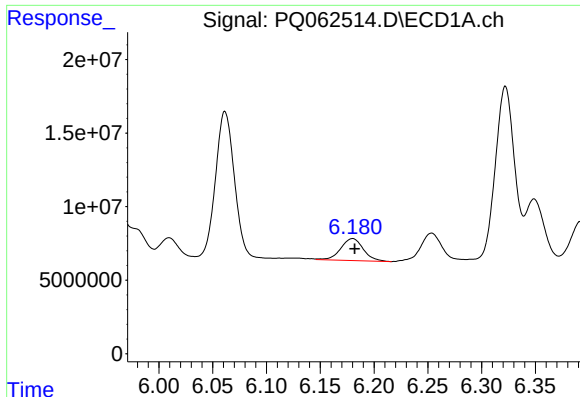
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 27838971
Conc: 90.64 ng/ml



#28 AR-1254-3

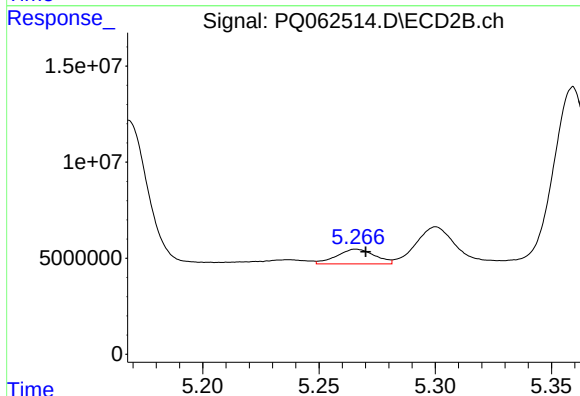
R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 16909359
Conc: 72.35 ng/ml



#29 AR-1254-4

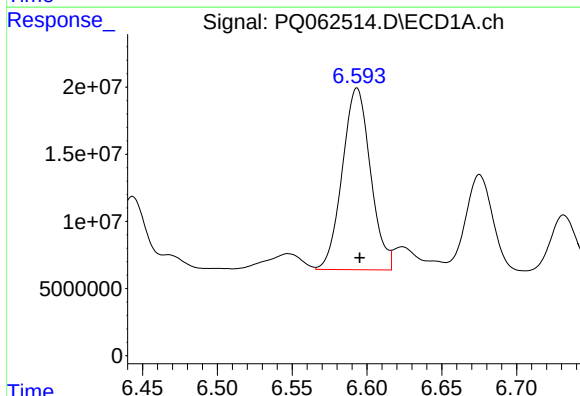
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 21813519
Conc: 93.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



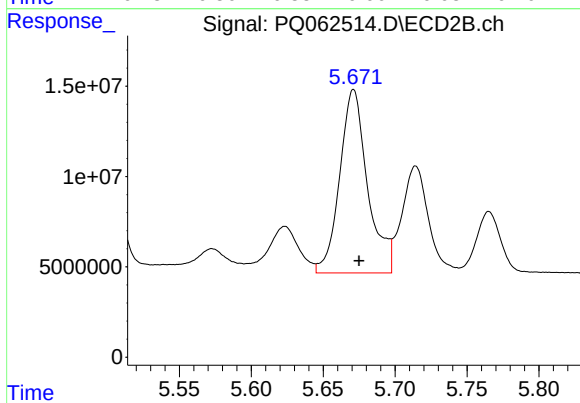
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 8672090
Conc: 56.90 ng/ml



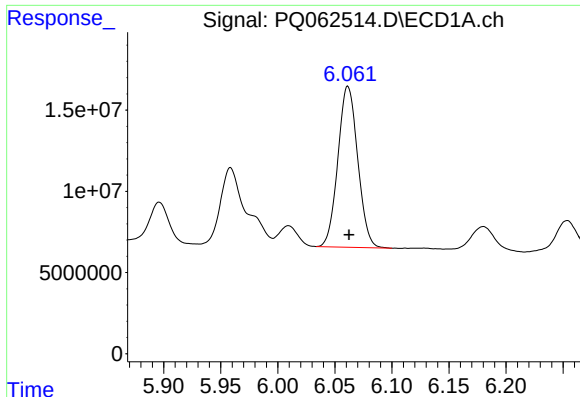
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 177551192
Conc: 691.21 ng/ml



#30 AR-1254-5

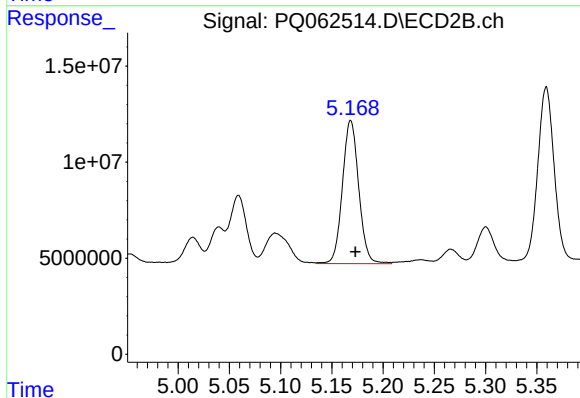
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 137670383
Conc: 596.50 ng/ml



#31 AR-1260-1

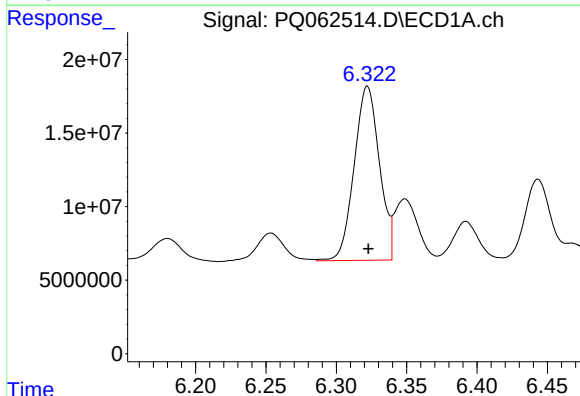
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 119552364
Conc: 506.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



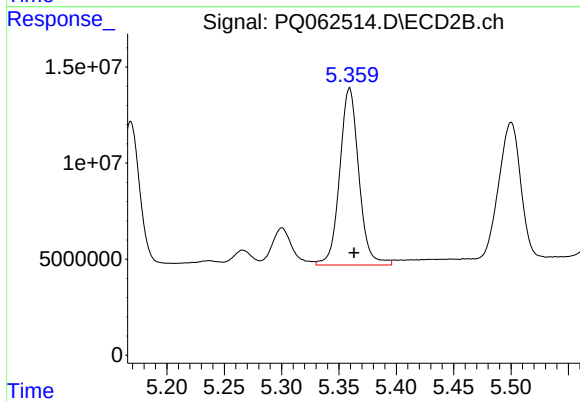
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: -0.005 min
Response: 82666468
Conc: 496.34 ng/ml



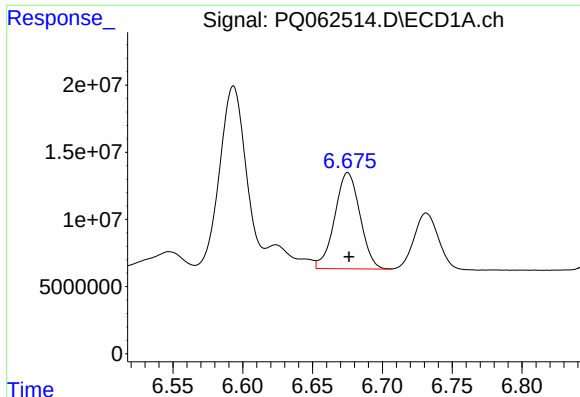
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 147925653
Conc: 512.19 ng/ml



#32 AR-1260-2

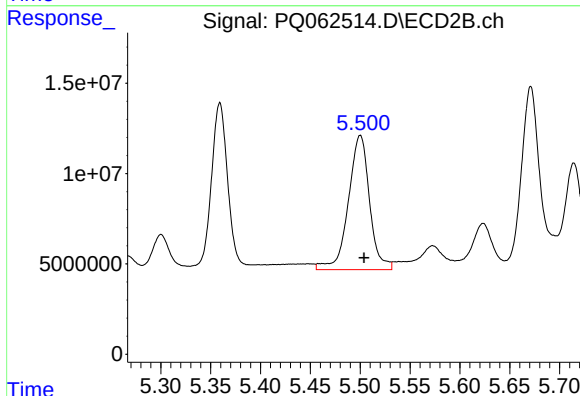
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 107076465
Conc: 514.92 ng/ml



#33 AR-1260-3

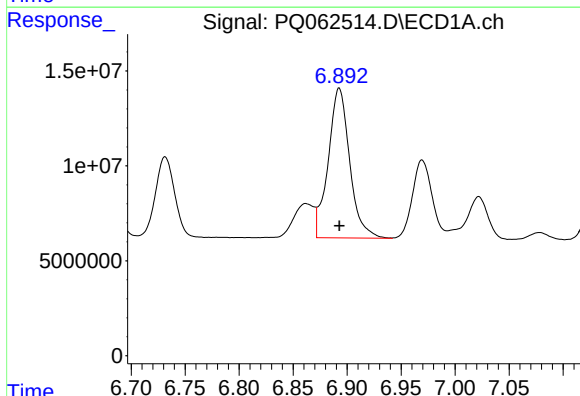
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 90436780
Conc: 512.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



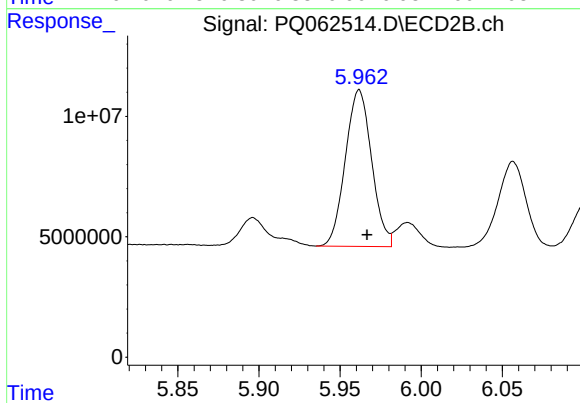
#33 AR-1260-3

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 110038446
Conc: 565.58 ng/ml



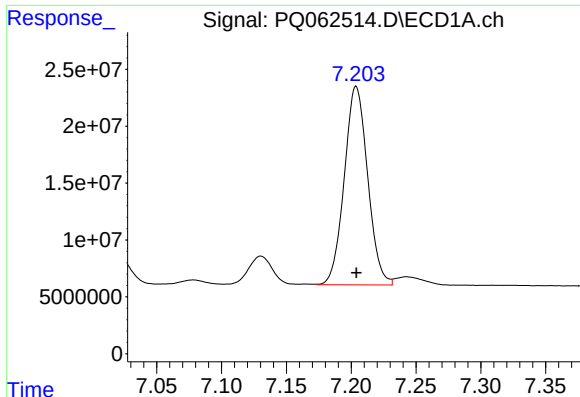
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 109302899
Conc: 518.88 ng/ml



#34 AR-1260-4

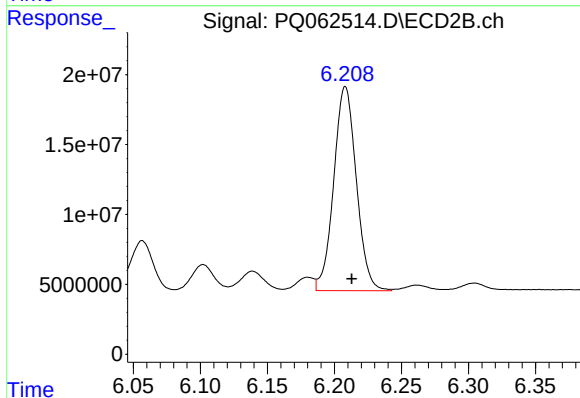
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 73357972
Conc: 502.93 ng/ml



#35 AR-1260-5

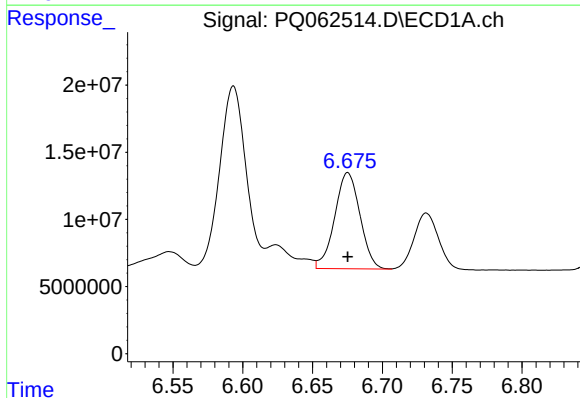
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 219025231
Conc: 533.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



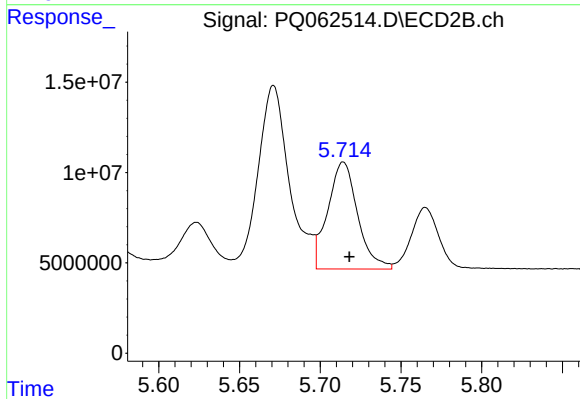
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 171297037
Conc: 515.86 ng/ml



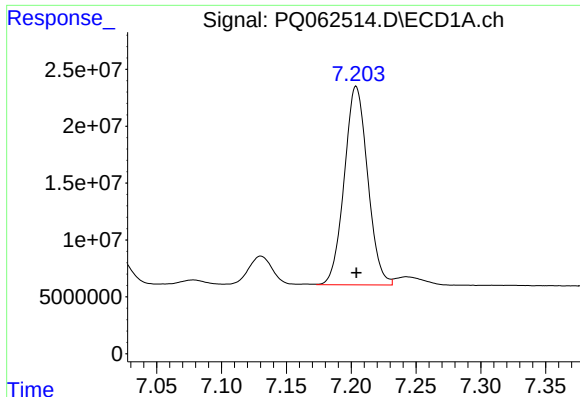
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 90436780
Conc: 296.57 ng/ml



#36 AR-1262-1

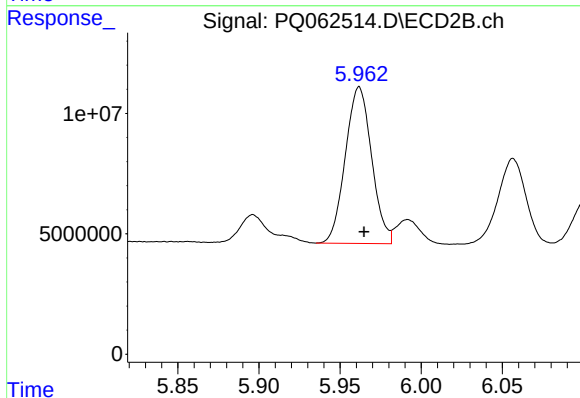
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 76313796
Conc: 328.27 ng/ml



#37 AR-1262-2

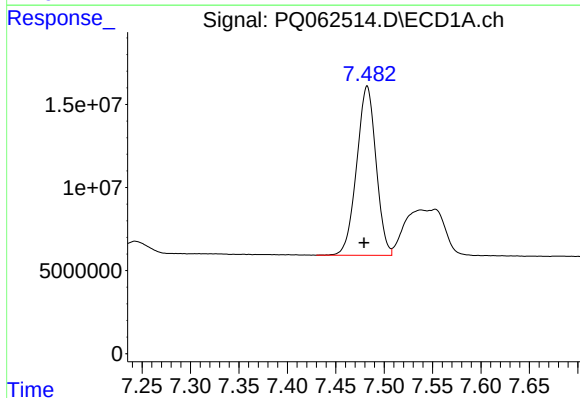
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 219025231
Conc: 415.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



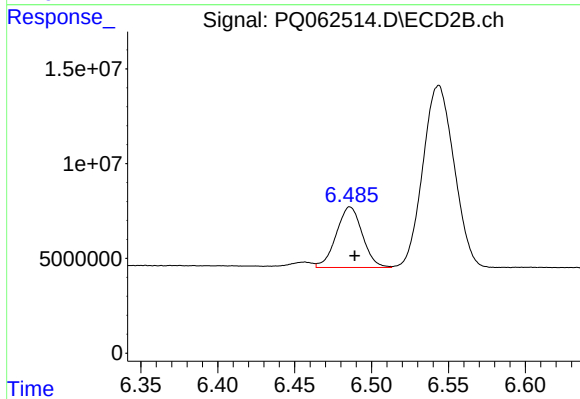
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 73357972
Conc: 339.29 ng/ml



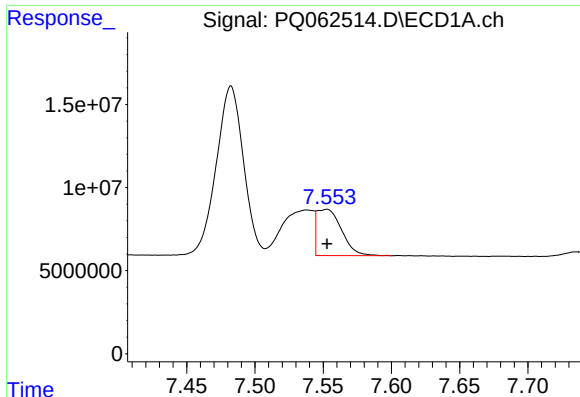
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 141680535
Conc: 402.16 ng/ml



#38 AR-1262-3

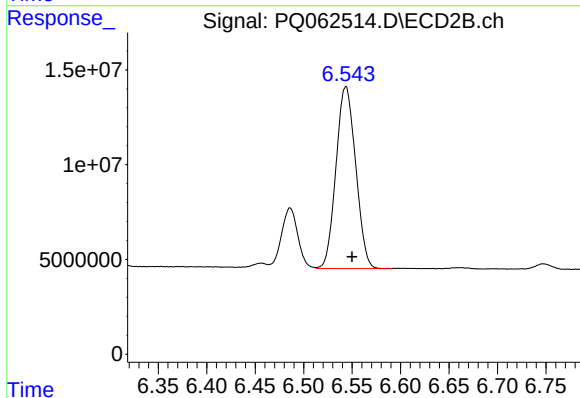
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 37692791
Conc: 216.22 ng/ml



#39 AR-1262-4

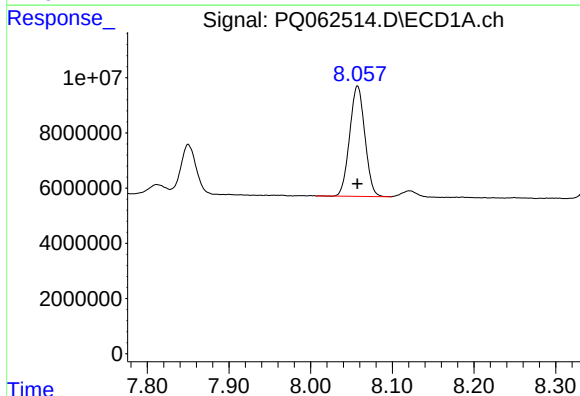
R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 35043057
Conc: 131.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



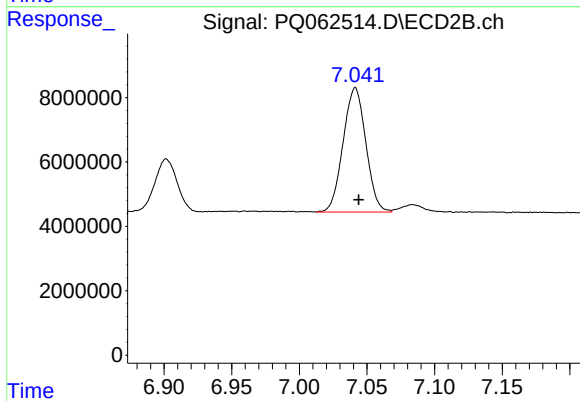
#39 AR-1262-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 135968506
Conc: 421.88 ng/ml



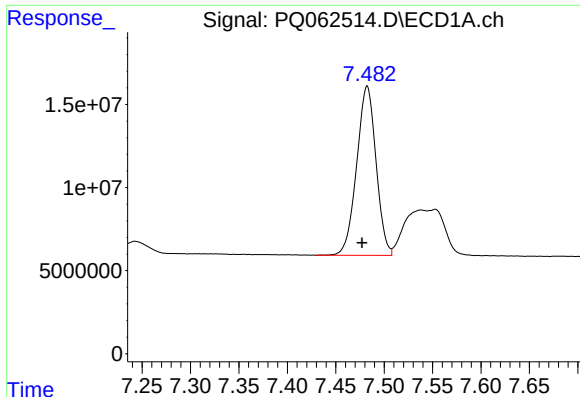
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 51809501
Conc: 291.87 ng/ml



#40 AR-1262-5

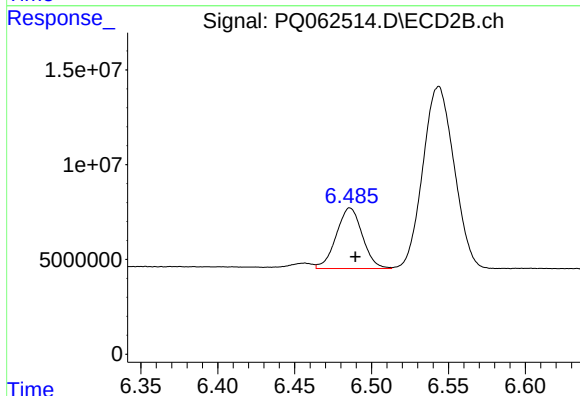
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 45186245
Conc: 291.31 ng/ml



#41 AR-1268-1

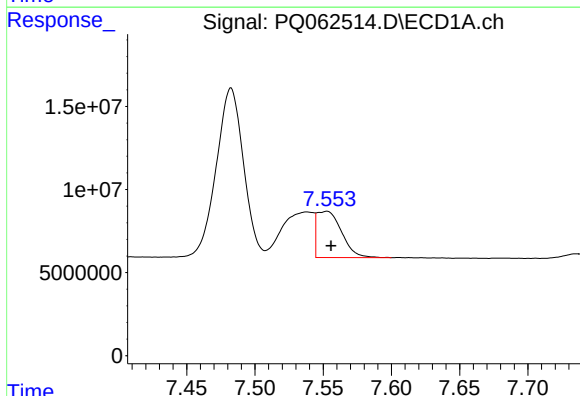
R.T.: 7.482 min
Delta R.T.: 0.005 min
Response: 141680535
Conc: 249.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



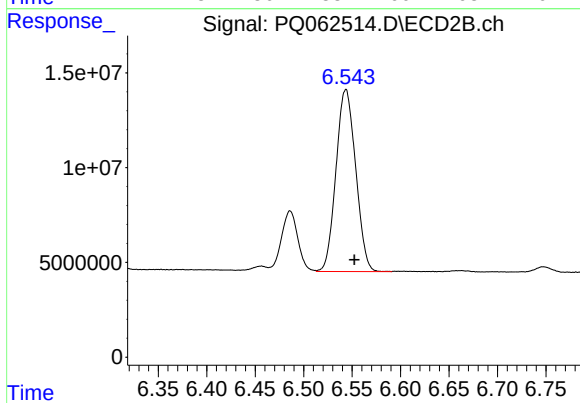
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.004 min
Response: 37692791
Conc: 80.11 ng/ml



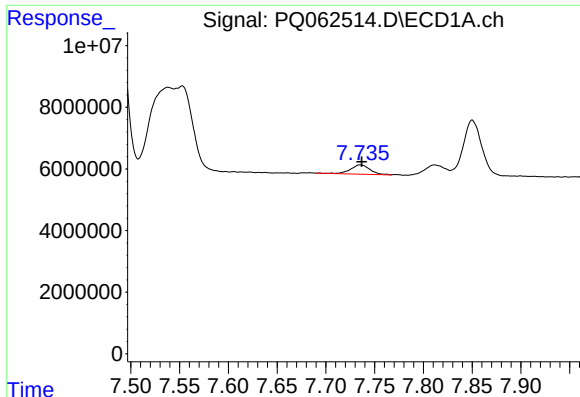
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 35043057
Conc: 68.73 ng/ml



#42 AR-1268-2

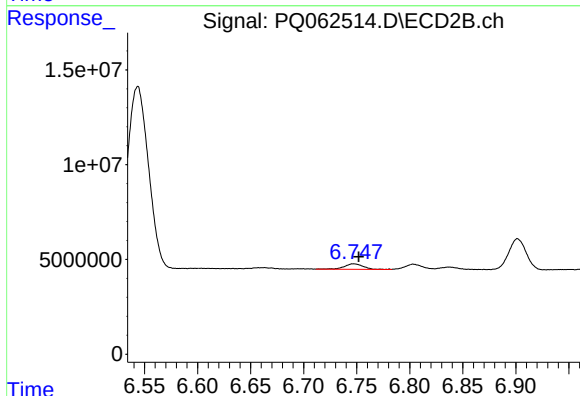
R.T.: 6.544 min
Delta R.T.: -0.009 min
Response: 135968506
Conc: 320.91 ng/ml



#43 AR-1268-3

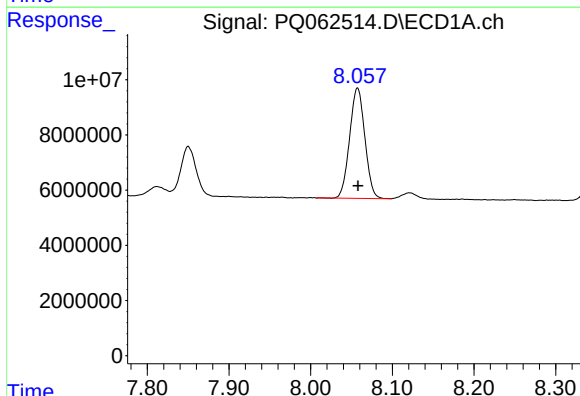
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 4243139
Conc: 9.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



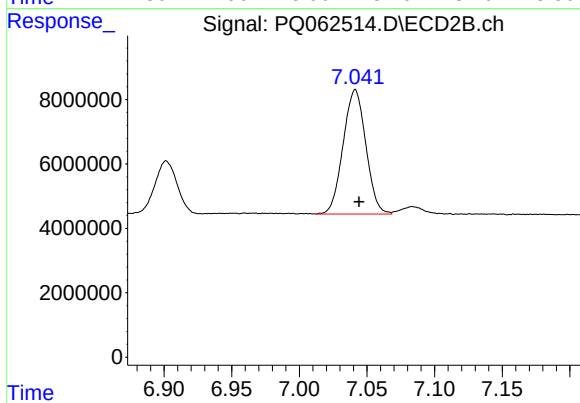
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 3567020
Conc: 9.68 ng/ml



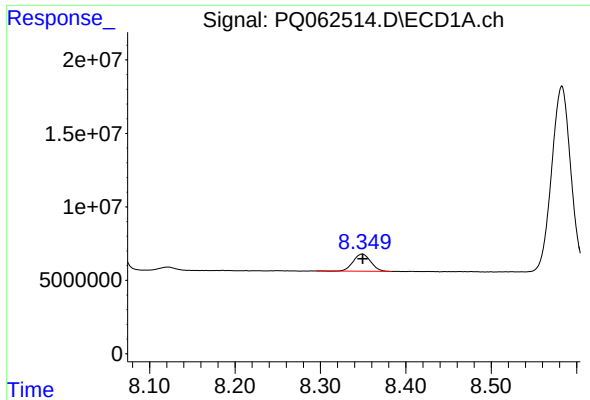
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 51809501
Conc: 283.14 ng/ml



#44 AR-1268-4

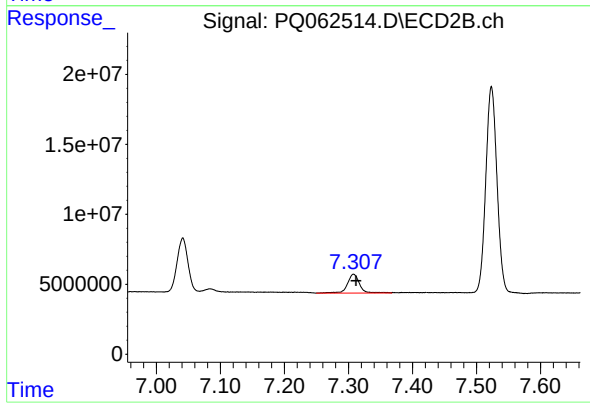
R.T.: 7.041 min
Delta R.T.: -0.003 min
Response: 45186245
Conc: 282.53 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 16818500
Conc: 13.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: -0.004 min
Response: 17541525
Conc: 15.03 ng/ml