

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072023\
 Data File : PQ062466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 23:38
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 06:05:54 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	239.1E6	129.8E6	49.018	51.724
2)	SA Decachlor...	8.582	7.524	185.7E6	167.9E6	51.110	50.392
Target Compounds							
3)	L1 AR-1016-1	4.502	3.755	1435833	1243495	8.717	12.564 #
4)	L1 AR-1016-2	4.523	3.770	2076746	994693	8.399	6.898
5)	L1 AR-1016-3	4.578	3.932	1108623	654670	7.274	8.678
6)	L1 AR-1016-4	4.668	3.981	1210214	31202453	9.655	475.074 #
7)	L1 AR-1016-5	4.958	4.175	28050002	19166428	230.453	233.789
8)	L2 AR-1221-1	3.612	2.957	322147	92506	5.359	2.803 #
9)	L2 AR-1221-2	3.679	3.050	4157566	40976	92.529	1.613 #
10)	L2 AR-1221-3	3.751	3.108	1406076	58259	10.006	0.756 #
11)	L3 AR-1232-1	3.751	3.108	1406076	58259	13.315	1.017 #
12)	L3 AR-1232-2	4.246	3.770	764218	994693	12.920	14.945
13)	L3 AR-1232-3	4.523	3.932	2076746	654670	18.365	18.946
14)	L3 AR-1232-4	4.668	4.017	1210214	9422862	21.357	316.843 #
15)	L3 AR-1232-5	4.768	4.175	48937845	19166428	1221.919	537.464 #
16)	L4 AR-1242-1	4.502	3.755	1435833	1243495	10.985	16.078 #
17)	L4 AR-1242-2	4.523	3.770	2076746	994693	10.697	8.948
18)	L4 AR-1242-3	4.578	3.932	1108623	654670	9.174	11.176
19)	L4 AR-1242-4	4.668	4.017	1210214	9422862	12.414	160.722 #
20)	L4 AR-1242-5	5.390	4.511	24533621	80408387	256.279	970.031 #
21)	L5 AR-1248-1	4.502	3.755	1435833	1243495	13.809	19.889 #
22)	L5 AR-1248-2	4.768	3.981	48937845	31202453	340.645	332.760
23)	L5 AR-1248-3	4.958	4.017	28050002	9422862	161.473	104.070 #
24)	L5 AR-1248-4	5.352	4.175	42426307	19166428	221.050	169.856
25)	L5 AR-1248-5	5.390	4.549	24533621	9493471	135.454	84.738 #
26)	L6 AR-1254-1	5.325	4.511	90626613	80408387	487.708	497.999
27)	L6 AR-1254-2	5.542	4.658	141.9E6	73343140	488.261	498.172
28)	L6 AR-1254-3	5.896	5.039	151.1E6	116.4E6	491.829	497.929
29)	L6 AR-1254-4	6.180	5.266	115.0E6	79028426	495.297	518.511
30)	L6 AR-1254-5	6.593	5.672	128.5E6	118.0E6	500.297	511.382
31)	L7 AR-1260-1	6.061	5.169	62265097	60684286	263.912	364.354 #
32)	L7 AR-1260-2	6.321	5.359	67050099	53555823	232.158	257.547
33)	L7 AR-1260-3	6.674	5.495	4631563	53965665	26.230	277.375 #
34)	L7 AR-1260-4	6.870	5.962	51303942	5660637	243.551	38.808 #
35)	L7 AR-1260-5	7.203	6.208	17803729	15020528	43.359	45.235
36)	L8 AR-1262-1	6.674	5.734	4631563	10235399	15.188	44.029 #
37)	L8 AR-1262-2	7.203	5.962	17803729	5660637	33.802	26.182
38)	L8 AR-1262-3	7.484	6.489	15247121	767481	43.278	4.403 #
39)	L8 AR-1262-4	7.570	6.540	302337	15731579	1.134	48.811 #
40)	L8 AR-1262-5	8.061	7.043	2473491	1337228	13.934	8.621 #
41)	L9 AR-1268-1	7.484	6.489	15247121	767481	26.868	1.631 #

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 Acq On : 20 Jul 2023 23:38
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

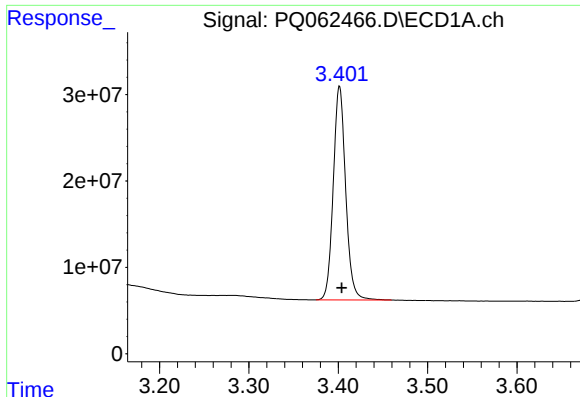
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 06:05:54 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	7.570	6.540	302337	15731579	0.593	37.129 #
43) L9	AR-1268-3	7.737	6.744	1070504	1020076	2.508	2.770
44) L9	AR-1268-4	8.061	7.043	2473491	1337228	13.517	8.361 #
45) L9	AR-1268-5	8.349	7.310	1031891	1654570	0.818	1.418 #

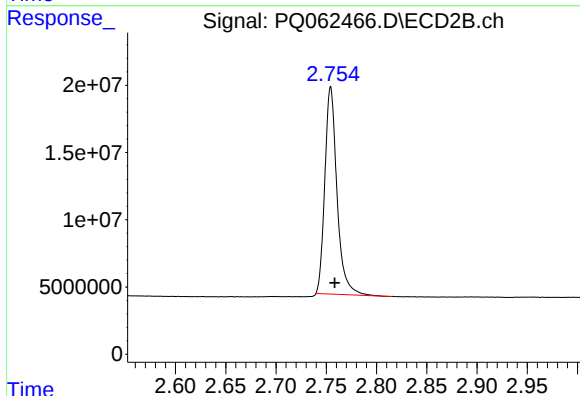
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

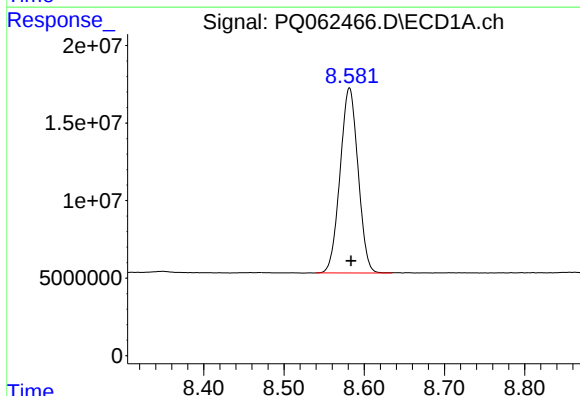
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 239120448
Conc: 49.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



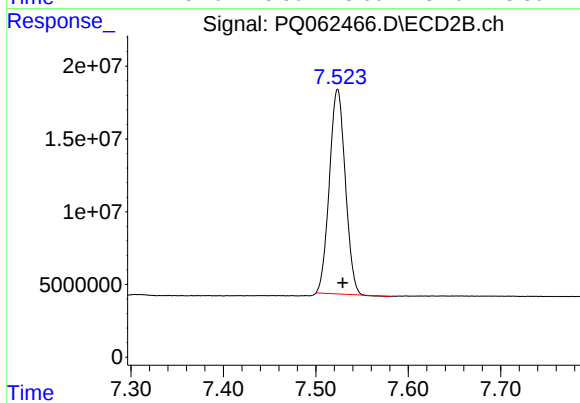
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 129781780
Conc: 51.72 ng/ml



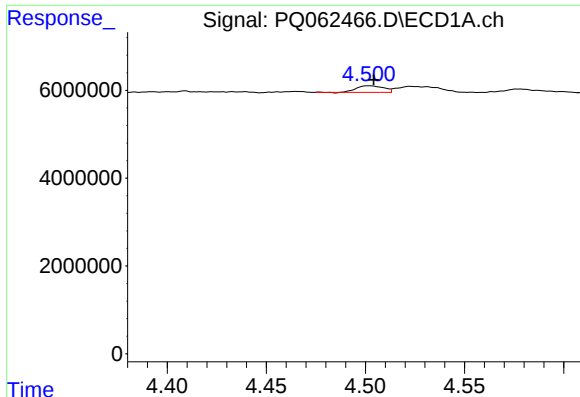
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 185670377
Conc: 51.11 ng/ml



#2 Decachlorobiphenyl

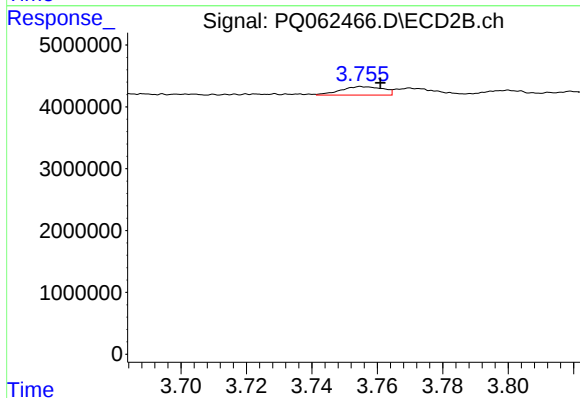
R.T.: 7.524 min
Delta R.T.: -0.006 min
Response: 167913759
Conc: 50.39 ng/ml



#3 AR-1016-1

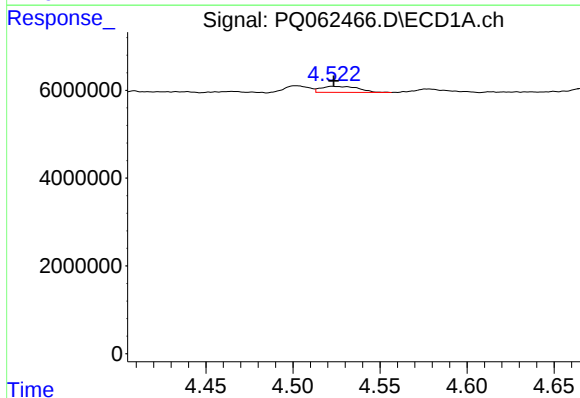
R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 1435833
Conc: 8.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



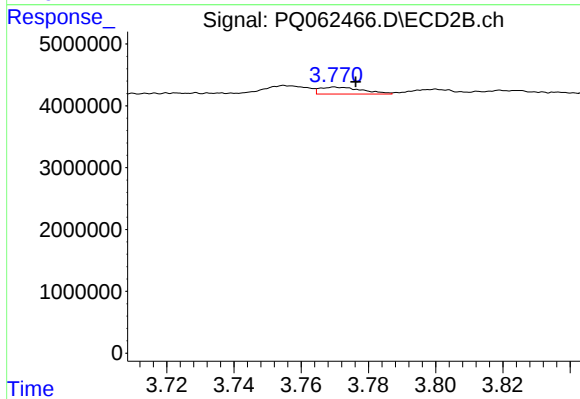
#3 AR-1016-1

R.T.: 3.755 min
Delta R.T.: -0.006 min
Response: 1243495
Conc: 12.56 ng/ml



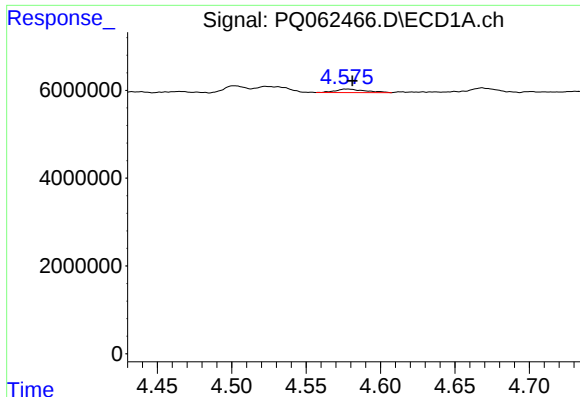
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 2076746
Conc: 8.40 ng/ml



#4 AR-1016-2

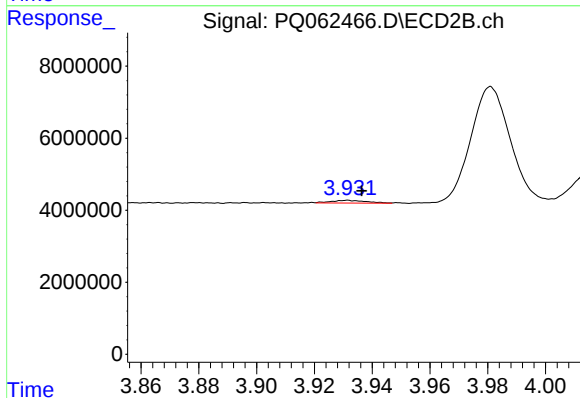
R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 994693
Conc: 6.90 ng/ml



#5 AR-1016-3

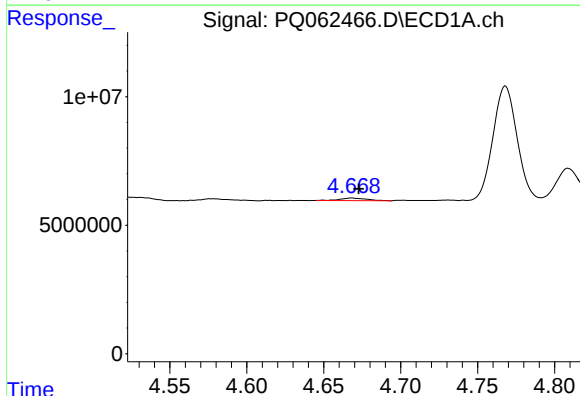
R.T.: 4.578 min
Delta R.T.: -0.004 min
Response: 1108623
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



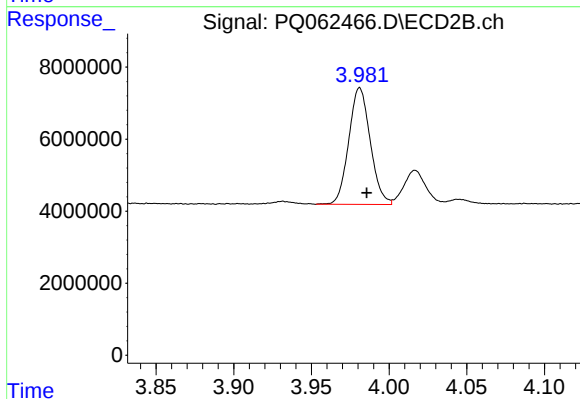
#5 AR-1016-3

R.T.: 3.932 min
Delta R.T.: -0.005 min
Response: 654670
Conc: 8.68 ng/ml



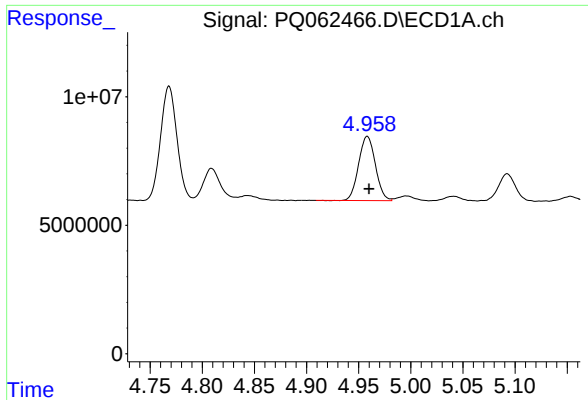
#6 AR-1016-4

R.T.: 4.668 min
Delta R.T.: -0.004 min
Response: 1210214
Conc: 9.66 ng/ml



#6 AR-1016-4

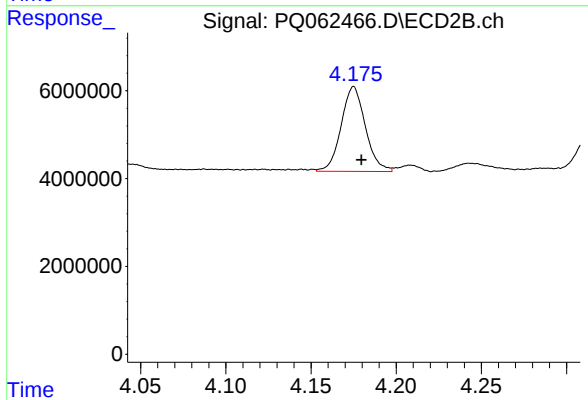
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 31202453
Conc: 475.07 ng/ml



#7 AR-1016-5

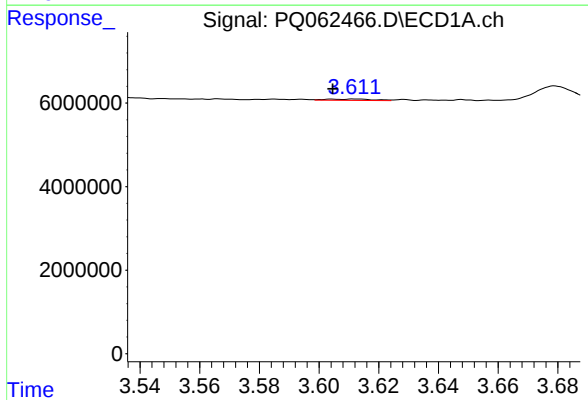
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 28050002
Conc: 230.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



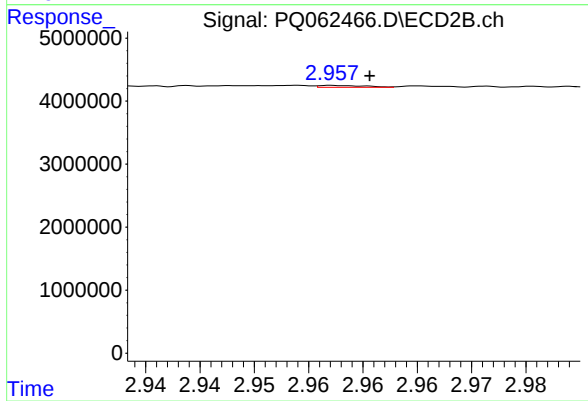
#7 AR-1016-5

R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 19166428
Conc: 233.79 ng/ml



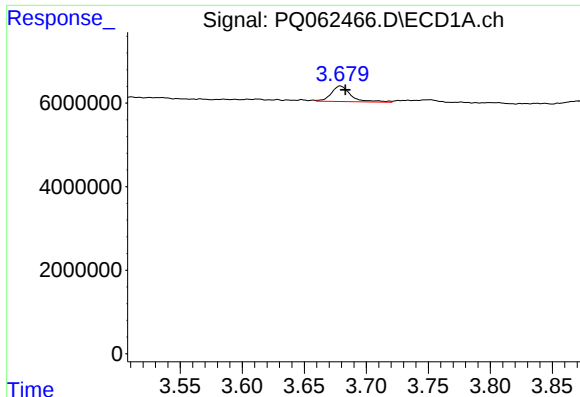
#8 AR-1221-1

R.T.: 3.612 min
Delta R.T.: 0.008 min
Response: 322147
Conc: 5.36 ng/ml



#8 AR-1221-1

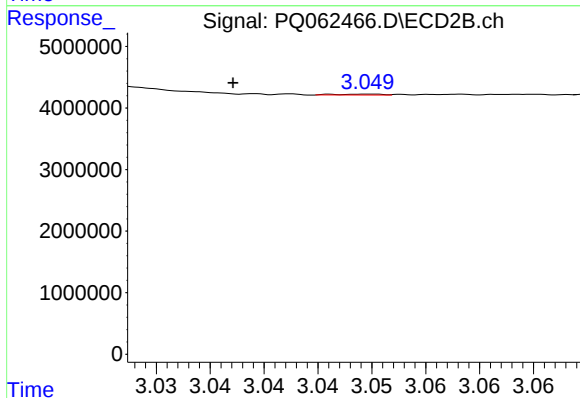
R.T.: 2.957 min
Delta R.T.: -0.003 min
Response: 92506
Conc: 2.80 ng/ml



#9 AR-1221-2

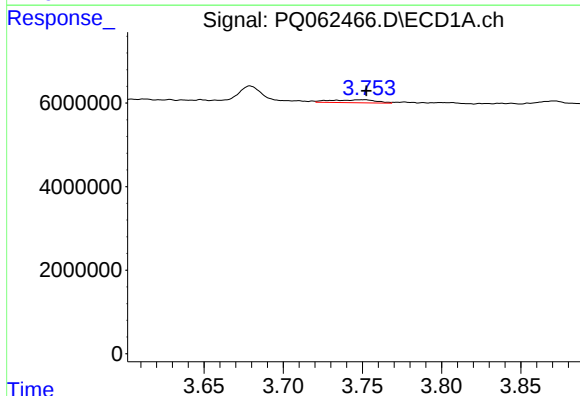
R.T.: 3.679 min
Delta R.T.: -0.004 min
Response: 4157566
Conc: 92.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



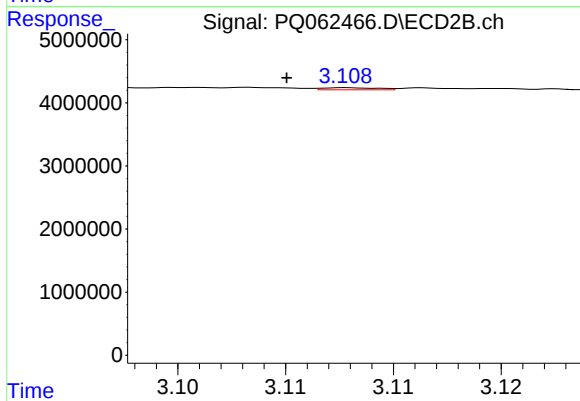
#9 AR-1221-2

R.T.: 3.050 min
Delta R.T.: 0.013 min
Response: 40976
Conc: 1.61 ng/ml



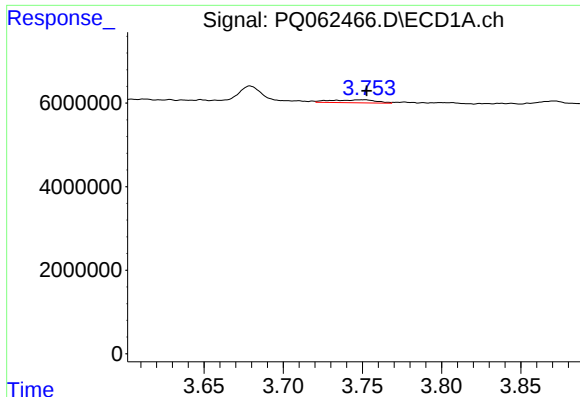
#10 AR-1221-3

R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 1406076
Conc: 10.01 ng/ml



#10 AR-1221-3

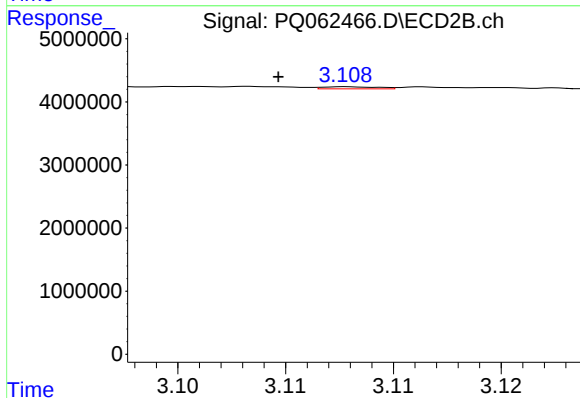
R.T.: 3.108 min
Delta R.T.: 0.003 min
Response: 58259
Conc: 0.76 ng/ml



#11 AR-1232-1

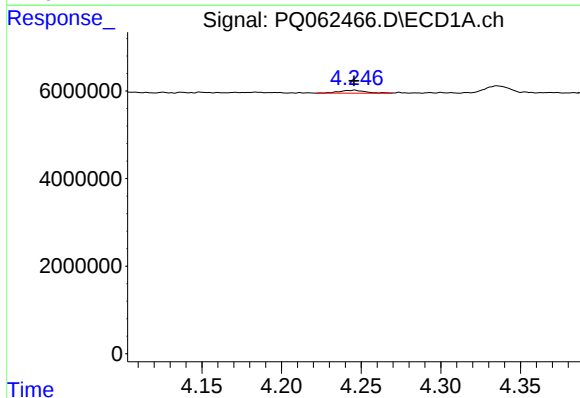
R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 1406076
Conc: 13.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



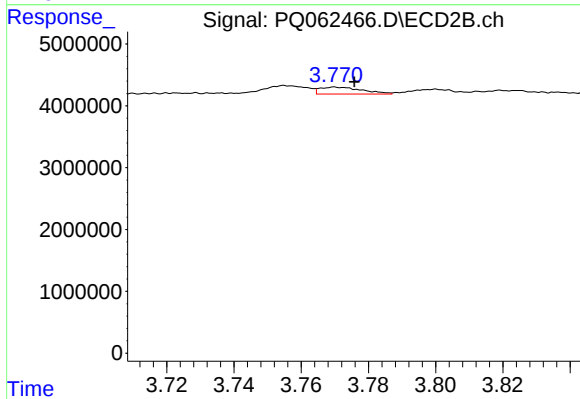
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: 0.003 min
Response: 58259
Conc: 1.02 ng/ml



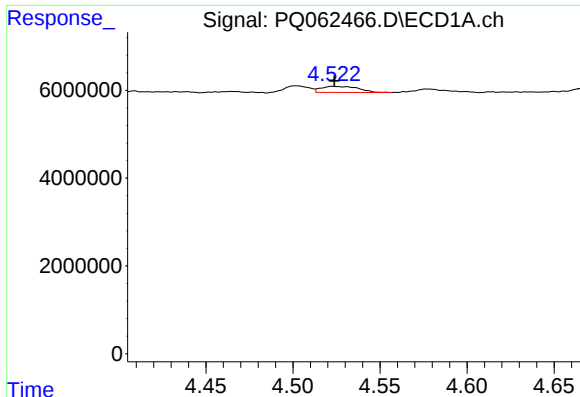
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 764218
Conc: 12.92 ng/ml



#12 AR-1232-2

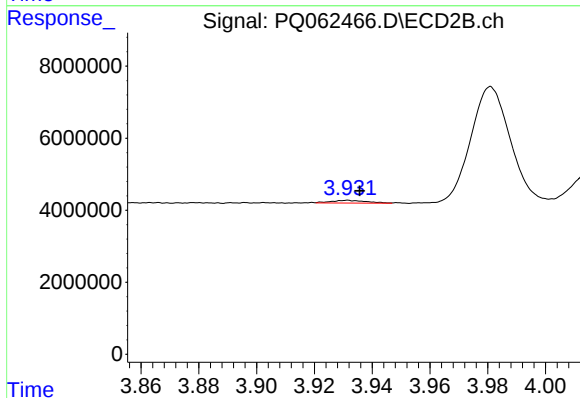
R.T.: 3.770 min
Delta R.T.: -0.006 min
Response: 994693
Conc: 14.95 ng/ml



#13 AR-1232-3

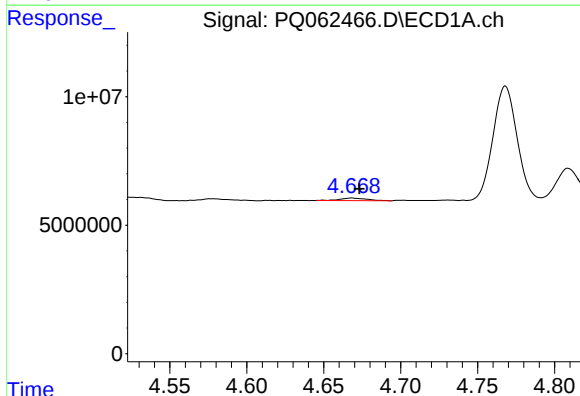
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 2076746
Conc: 18.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



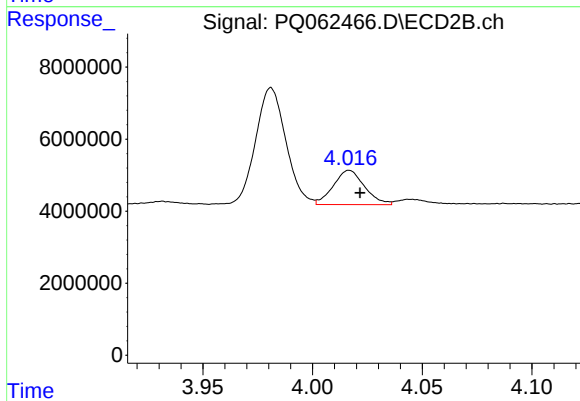
#13 AR-1232-3

R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 654670
Conc: 18.95 ng/ml



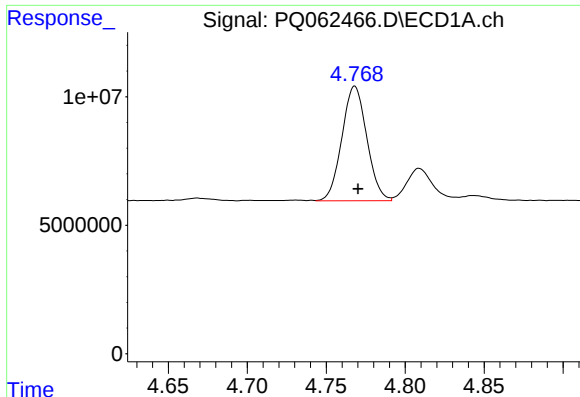
#14 AR-1232-4

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 1210214
Conc: 21.36 ng/ml



#14 AR-1232-4

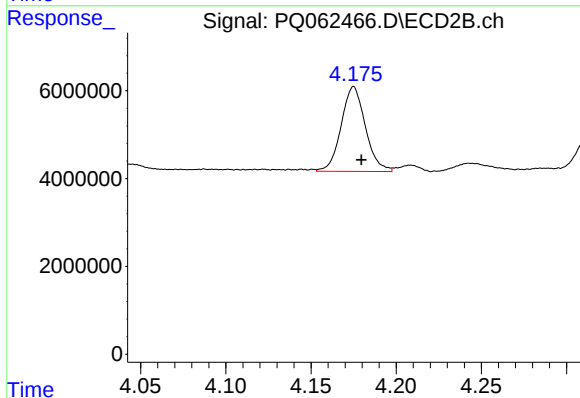
R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 9422862
Conc: 316.84 ng/ml



#15 AR-1232-5

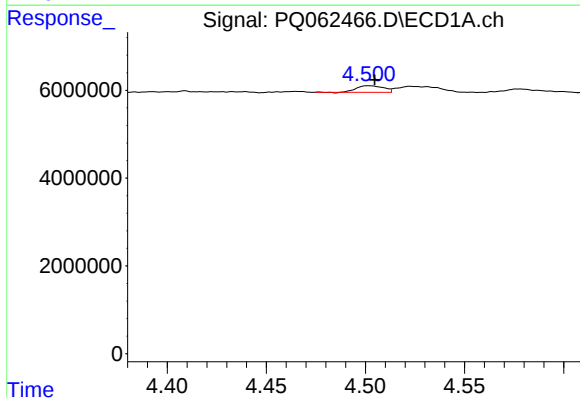
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 48937845
Conc: 1221.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



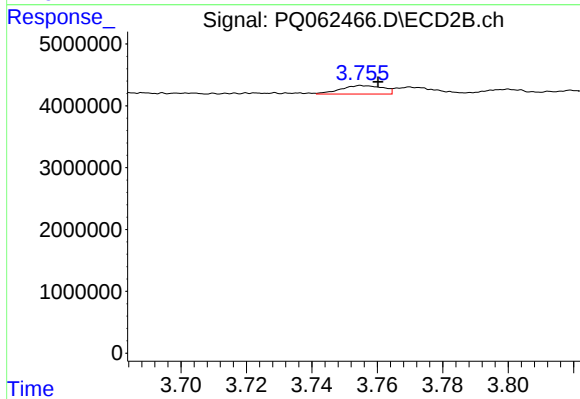
#15 AR-1232-5

R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 19166428
Conc: 537.46 ng/ml



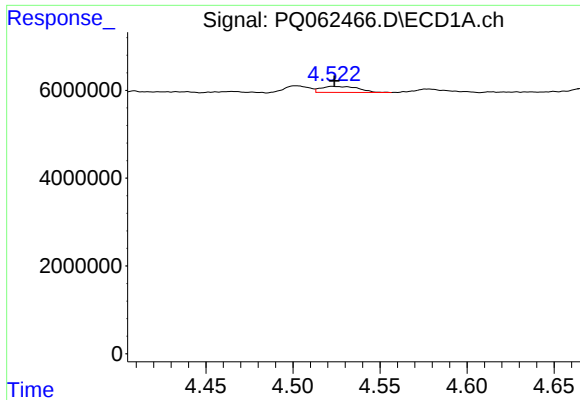
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 1435833
Conc: 10.99 ng/ml



#16 AR-1242-1

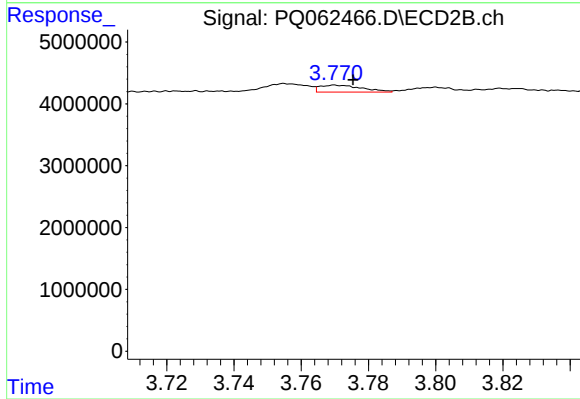
R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 1243495
Conc: 16.08 ng/ml



#17 AR-1242-2

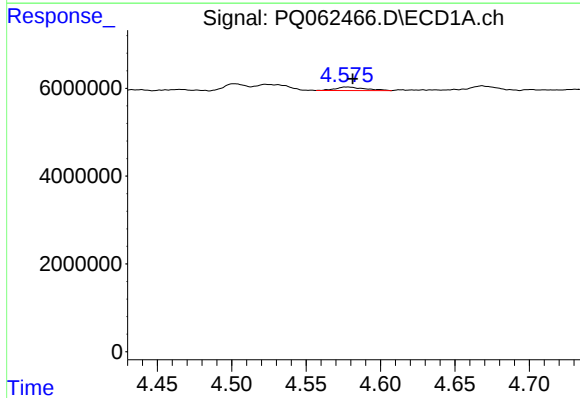
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 2076746
Conc: 10.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



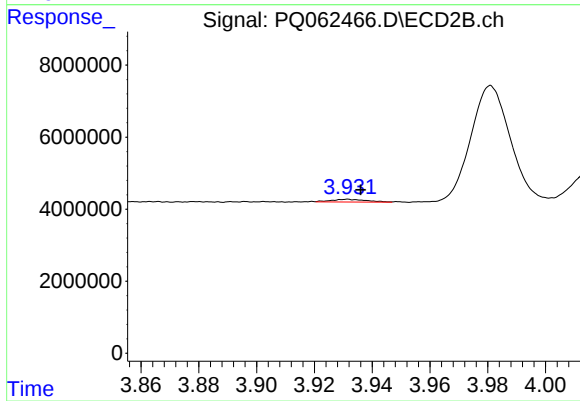
#17 AR-1242-2

R.T.: 3.770 min
Delta R.T.: -0.005 min
Response: 994693
Conc: 8.95 ng/ml



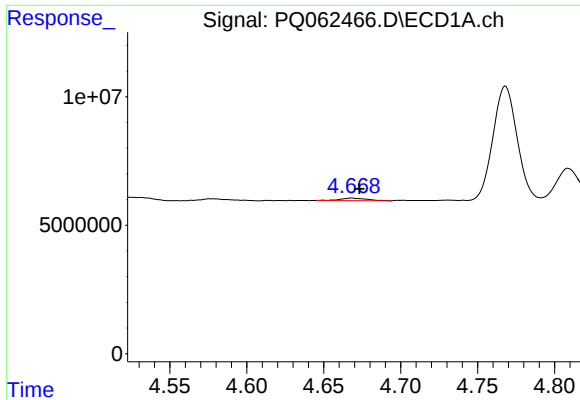
#18 AR-1242-3

R.T.: 4.578 min
Delta R.T.: -0.004 min
Response: 1108623
Conc: 9.17 ng/ml



#18 AR-1242-3

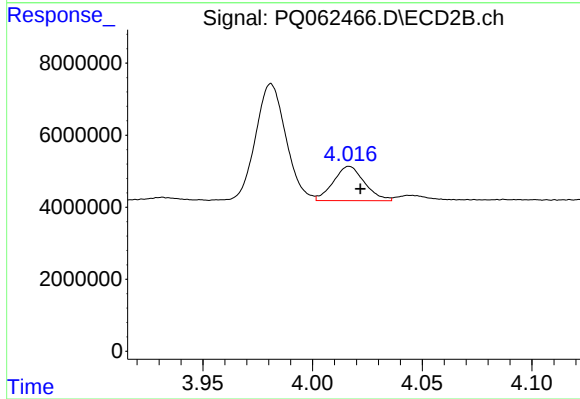
R.T.: 3.932 min
Delta R.T.: -0.004 min
Response: 654670
Conc: 11.18 ng/ml



#19 AR-1242-4

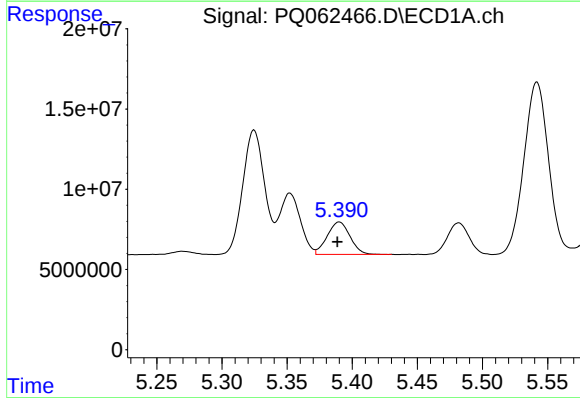
R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 1210214
Conc: 12.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



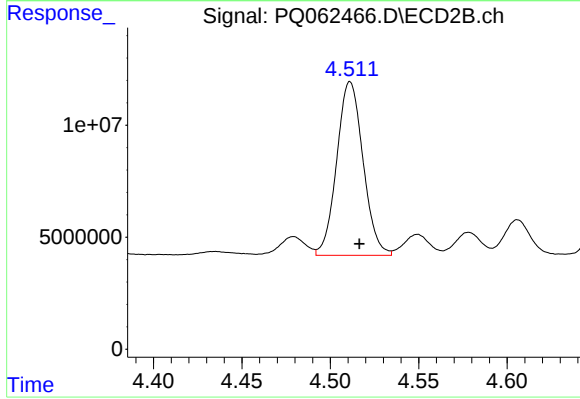
#19 AR-1242-4

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 9422862
Conc: 160.72 ng/ml



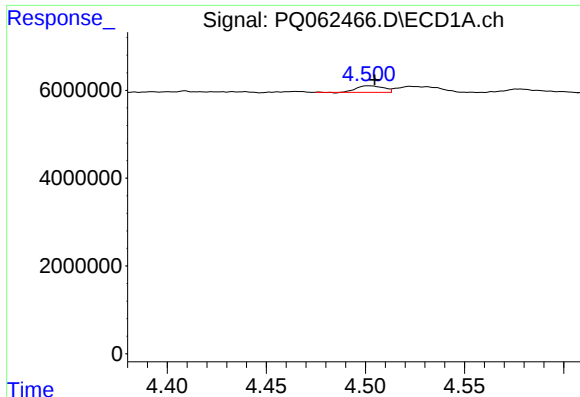
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 24533621
Conc: 256.28 ng/ml



#20 AR-1242-5

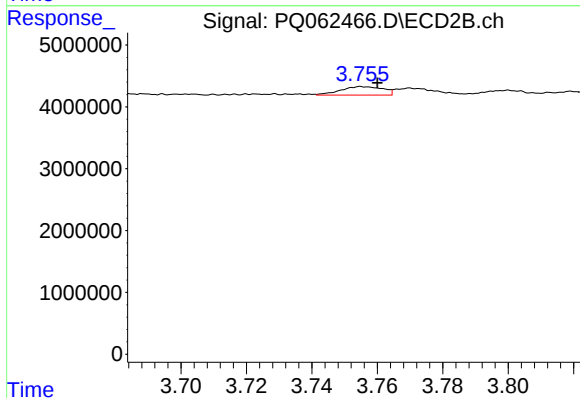
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 80408387
Conc: 970.03 ng/ml



#21 AR-1248-1

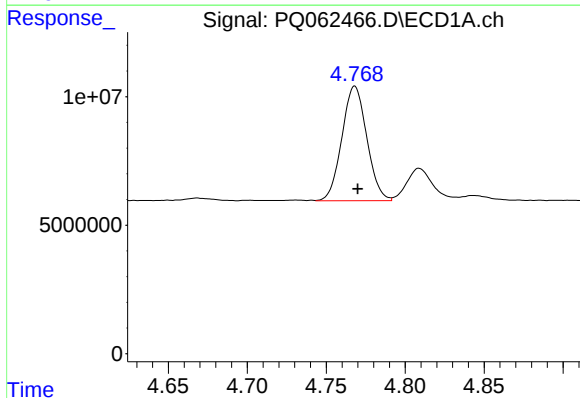
R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 1435833
Conc: 13.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



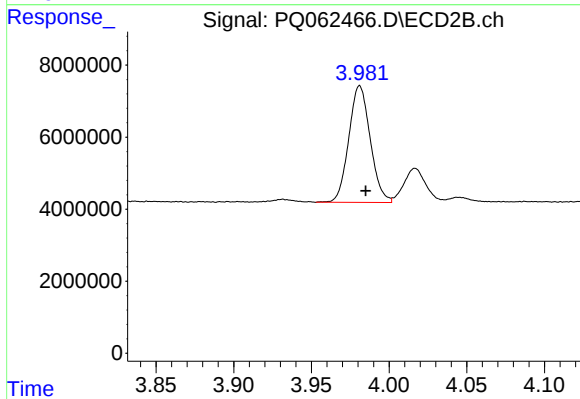
#21 AR-1248-1

R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 1243495
Conc: 19.89 ng/ml



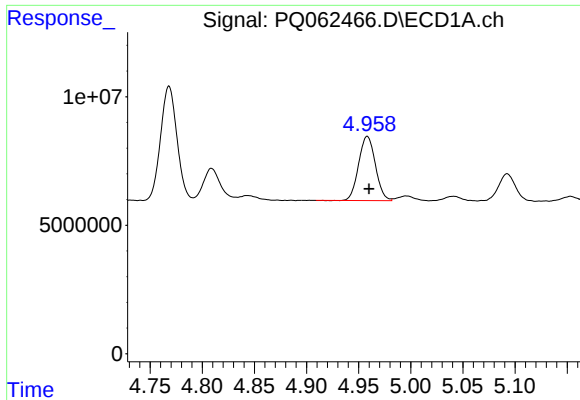
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 48937845
Conc: 340.65 ng/ml



#22 AR-1248-2

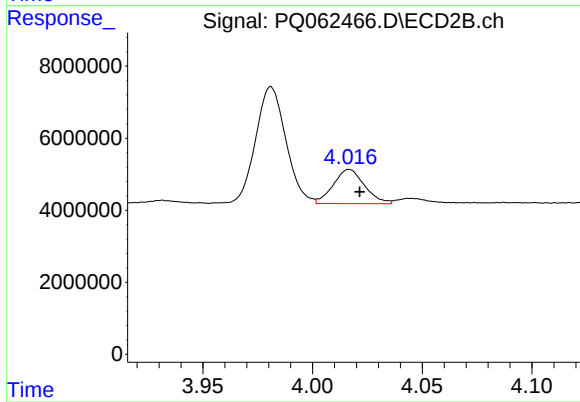
R.T.: 3.981 min
Delta R.T.: -0.004 min
Response: 31202453
Conc: 332.76 ng/ml



#23 AR-1248-3

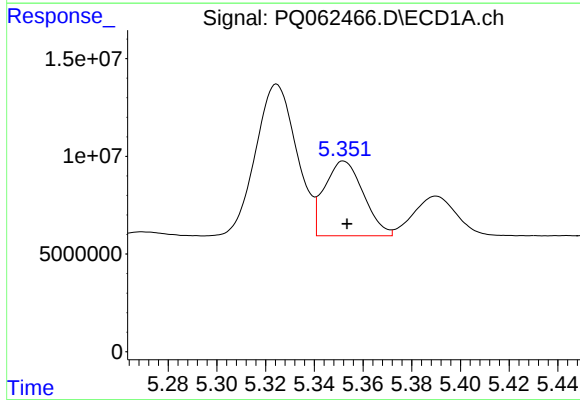
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 28050002
Conc: 161.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



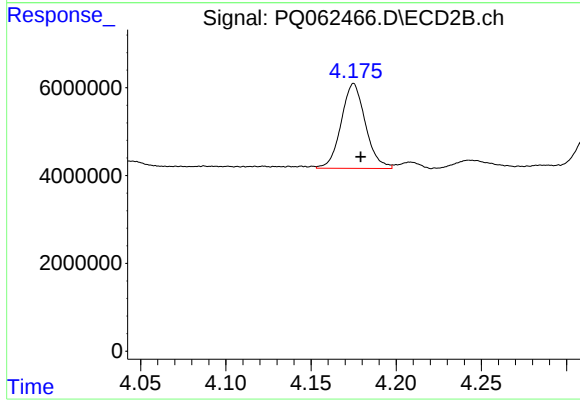
#23 AR-1248-3

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 9422862
Conc: 104.07 ng/ml



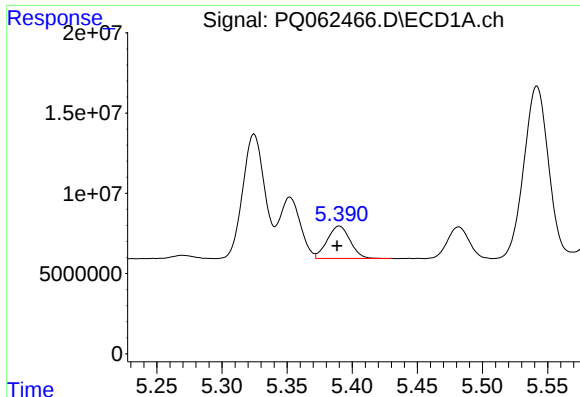
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: -0.001 min
Response: 42426307
Conc: 221.05 ng/ml



#24 AR-1248-4

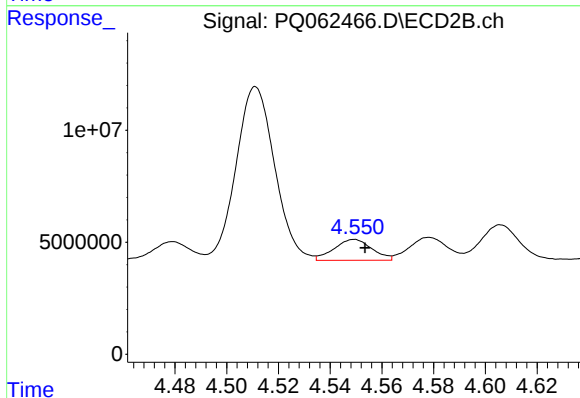
R.T.: 4.175 min
Delta R.T.: -0.004 min
Response: 19166428
Conc: 169.86 ng/ml



#25 AR-1248-5

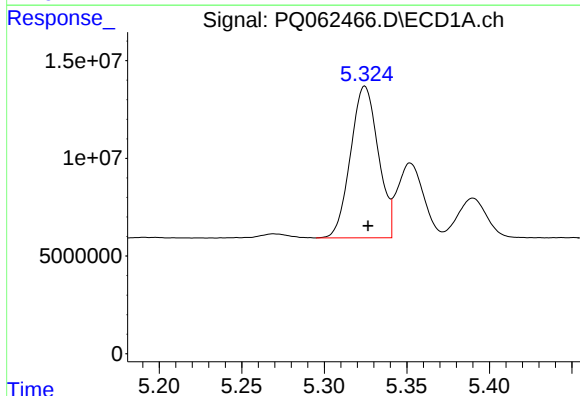
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 24533621
Conc: 135.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



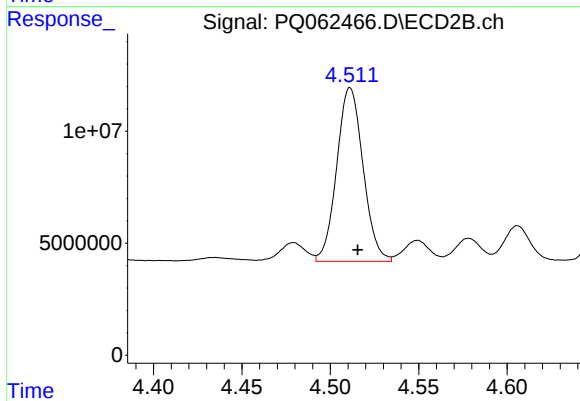
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.004 min
Response: 9493471
Conc: 84.74 ng/ml



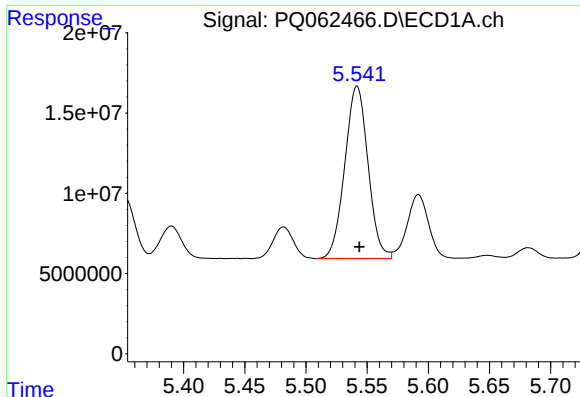
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 90626613
Conc: 487.71 ng/ml



#26 AR-1254-1

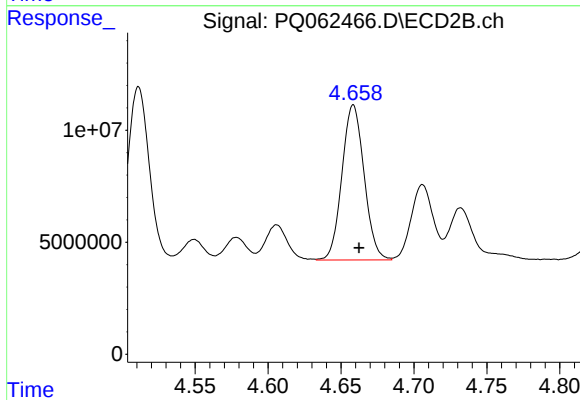
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 80408387
Conc: 498.00 ng/ml



#27 AR-1254-2

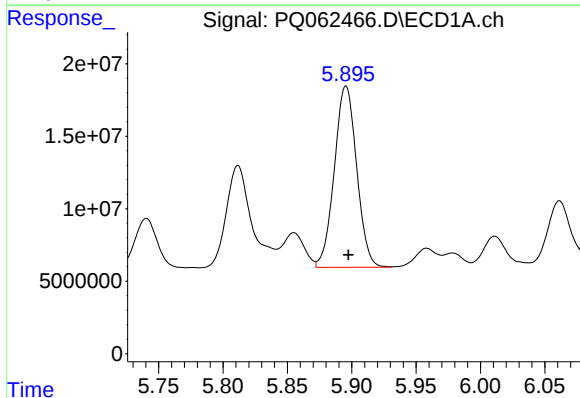
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 141943954
Conc: 488.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



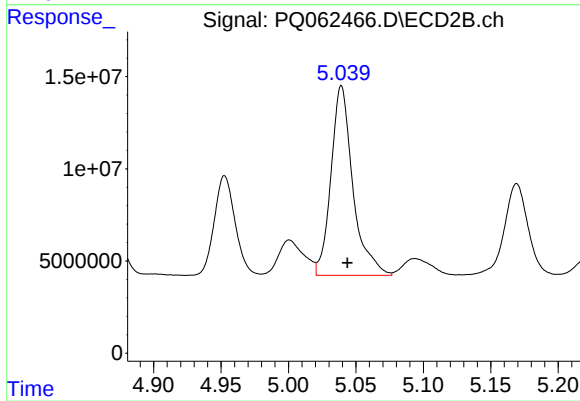
#27 AR-1254-2

R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 73343140
Conc: 498.17 ng/ml



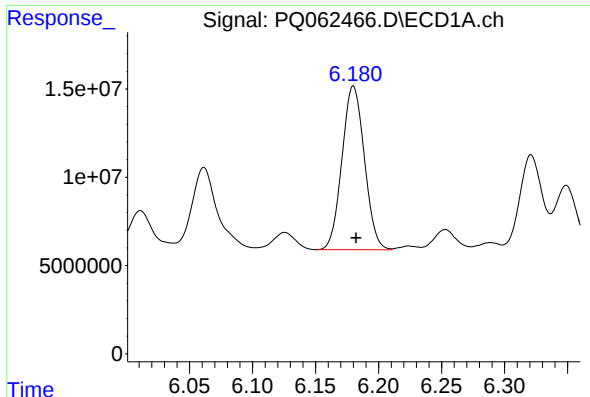
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 151060341
Conc: 491.83 ng/ml



#28 AR-1254-3

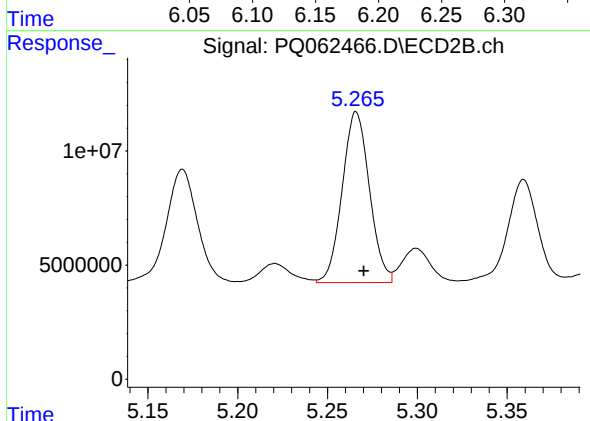
R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 116366572
Conc: 497.93 ng/ml



#29 AR-1254-4

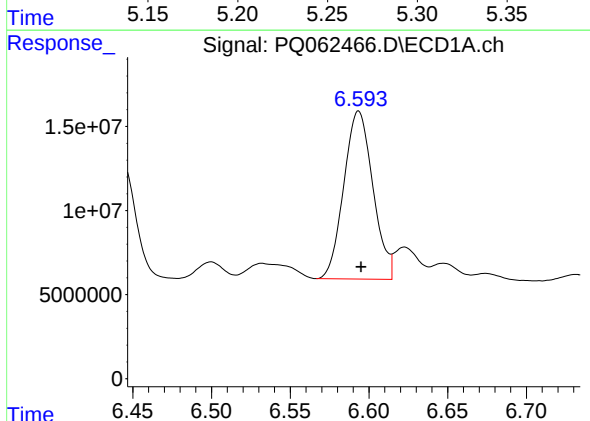
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 115004620
Conc: 495.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



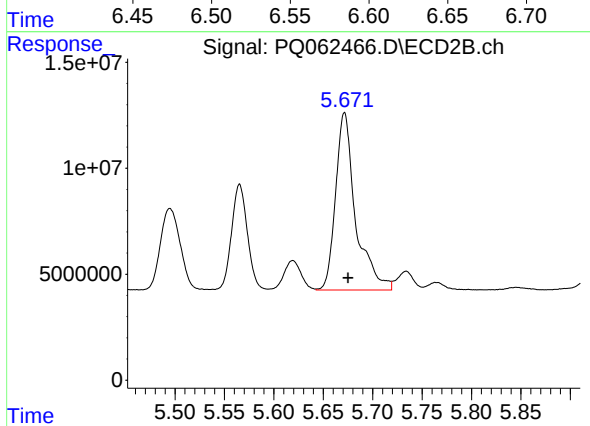
#29 AR-1254-4

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 79028426
Conc: 518.51 ng/ml



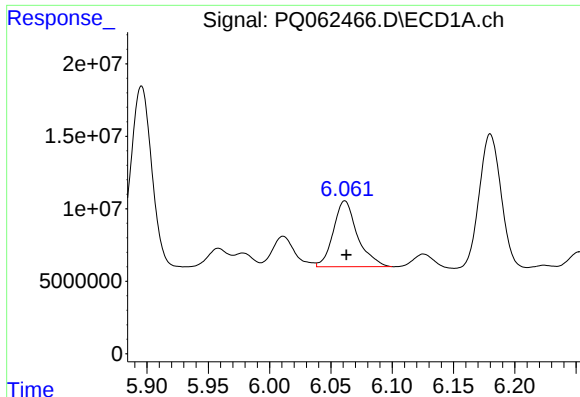
#30 AR-1254-5

R.T.: 6.593 min
Delta R.T.: -0.002 min
Response: 128511479
Conc: 500.30 ng/ml



#30 AR-1254-5

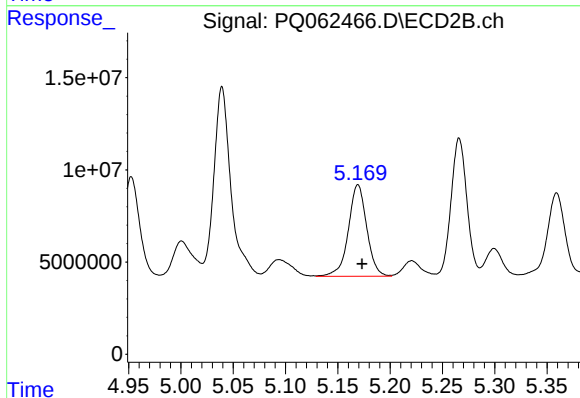
R.T.: 5.672 min
Delta R.T.: -0.003 min
Response: 118025016
Conc: 511.38 ng/ml



#31 AR-1260-1

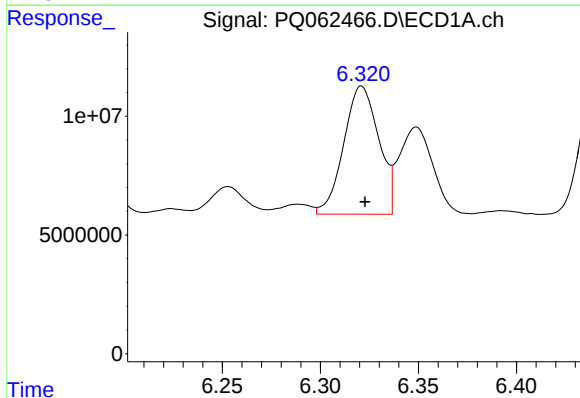
R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 62265097
Conc: 263.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



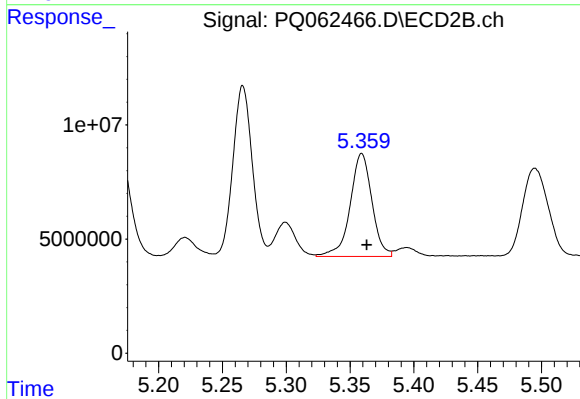
#31 AR-1260-1

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 60684286
Conc: 364.35 ng/ml



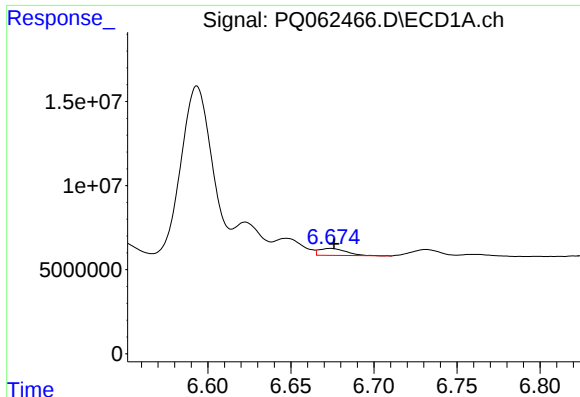
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 67050099
Conc: 232.16 ng/ml



#32 AR-1260-2

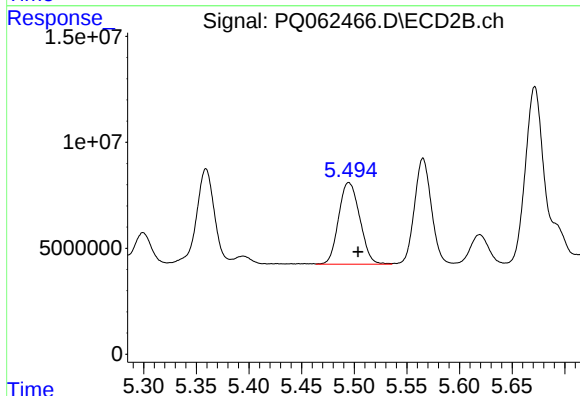
R.T.: 5.359 min
Delta R.T.: -0.004 min
Response: 53555823
Conc: 257.55 ng/ml



#33 AR-1260-3

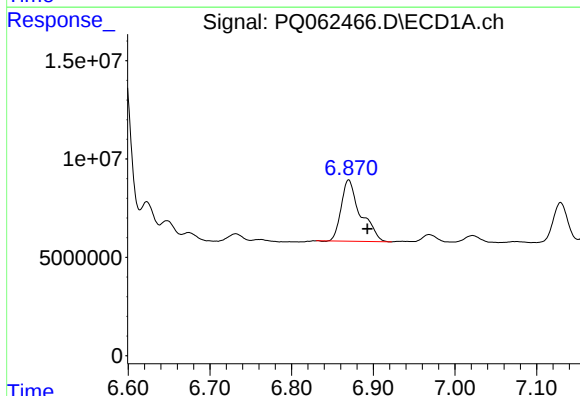
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 4631563
Conc: 26.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



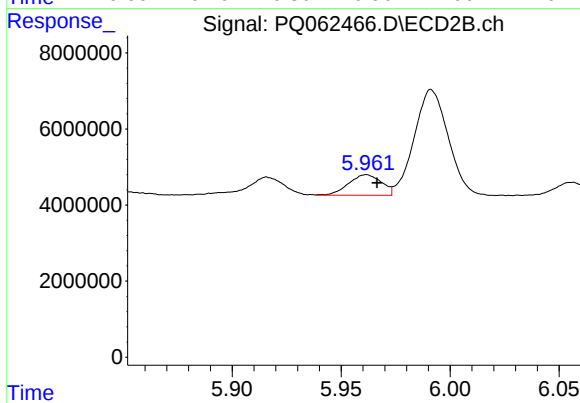
#33 AR-1260-3

R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 53965665
Conc: 277.37 ng/ml



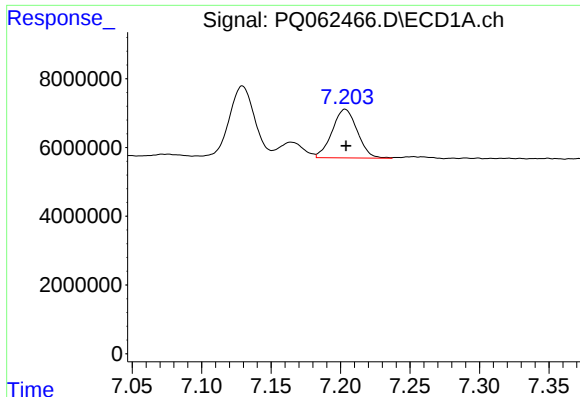
#34 AR-1260-4

R.T.: 6.870 min
Delta R.T.: -0.023 min
Response: 51303942
Conc: 243.55 ng/ml



#34 AR-1260-4

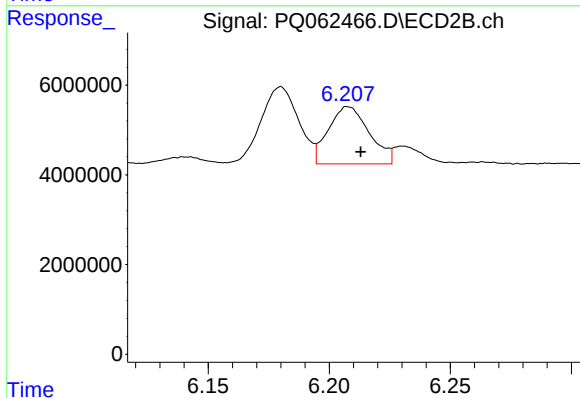
R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 5660637
Conc: 38.81 ng/ml



#35 AR-1260-5

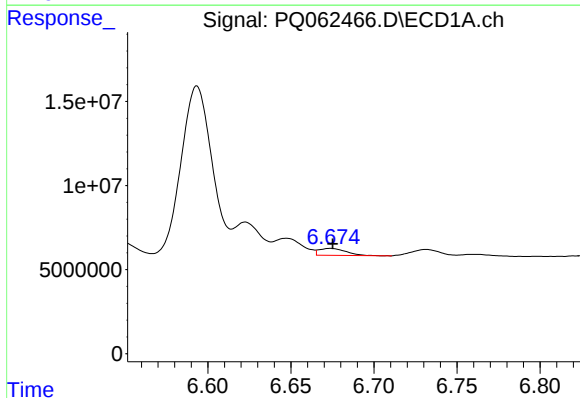
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 17803729
Conc: 43.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



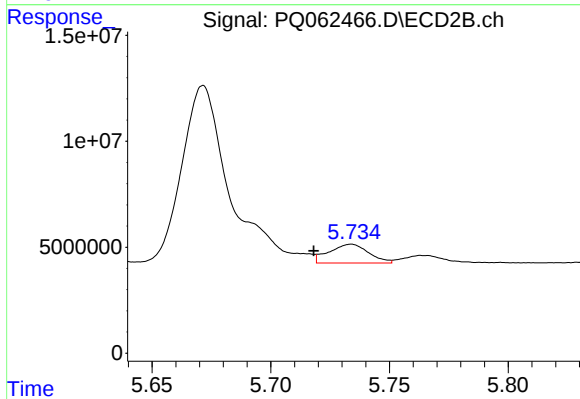
#35 AR-1260-5

R.T.: 6.208 min
Delta R.T.: -0.005 min
Response: 15020528
Conc: 45.23 ng/ml



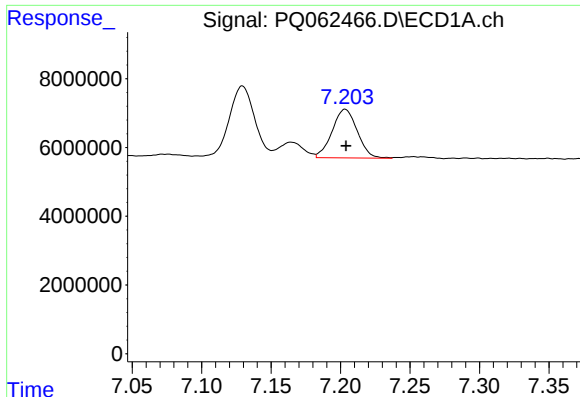
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 4631563
Conc: 15.19 ng/ml



#36 AR-1262-1

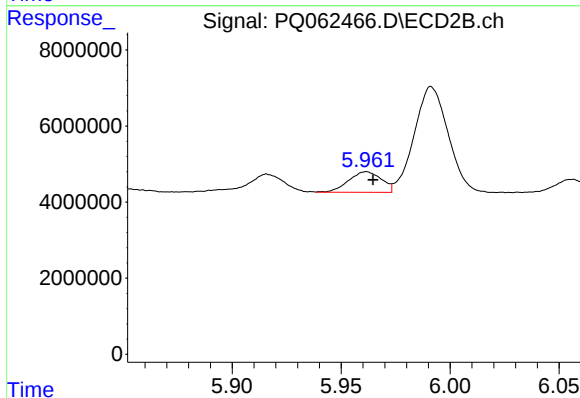
R.T.: 5.734 min
Delta R.T.: 0.016 min
Response: 10235399
Conc: 44.03 ng/ml



#37 AR-1262-2

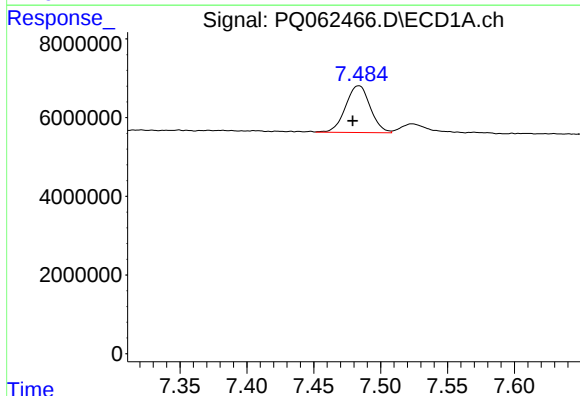
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 17803729
Conc: 33.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



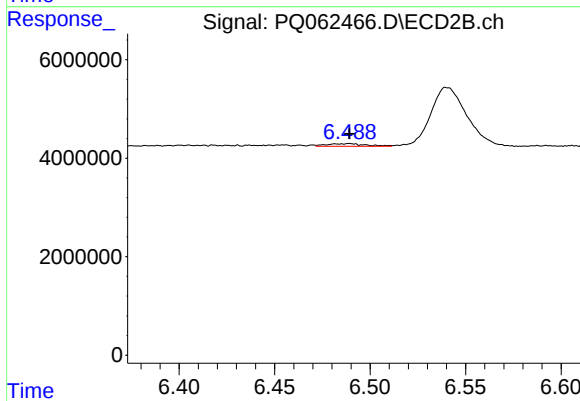
#37 AR-1262-2

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 5660637
Conc: 26.18 ng/ml



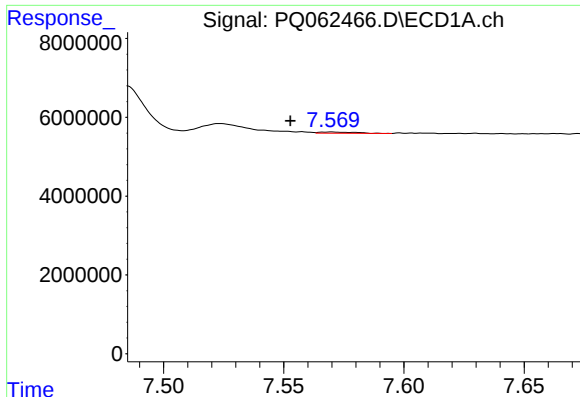
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 15247121
Conc: 43.28 ng/ml



#38 AR-1262-3

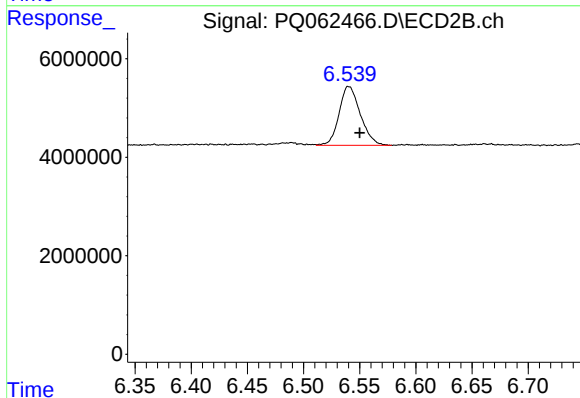
R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 767481
Conc: 4.40 ng/ml



#39 AR-1262-4

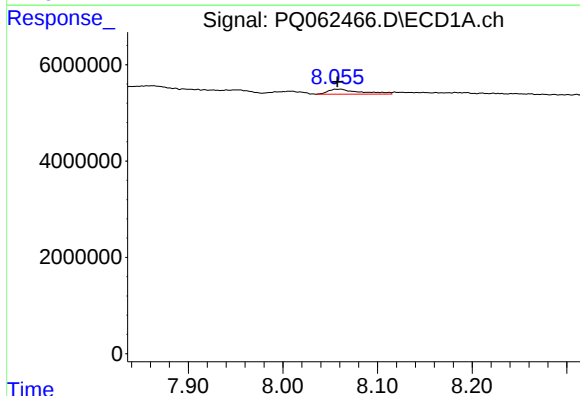
R.T.: 7.570 min
Delta R.T.: 0.017 min
Response: 302337
Conc: 1.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



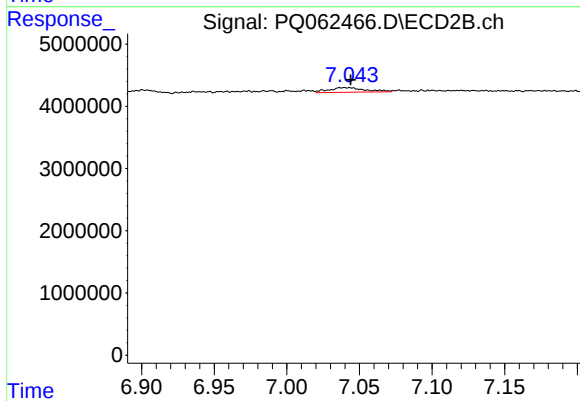
#39 AR-1262-4

R.T.: 6.540 min
Delta R.T.: -0.010 min
Response: 15731579
Conc: 48.81 ng/ml



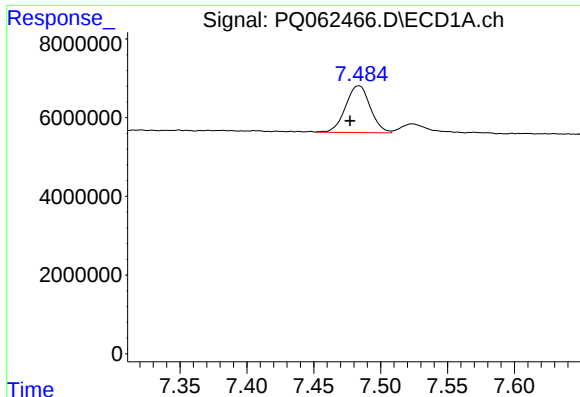
#40 AR-1262-5

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 2473491
Conc: 13.93 ng/ml



#40 AR-1262-5

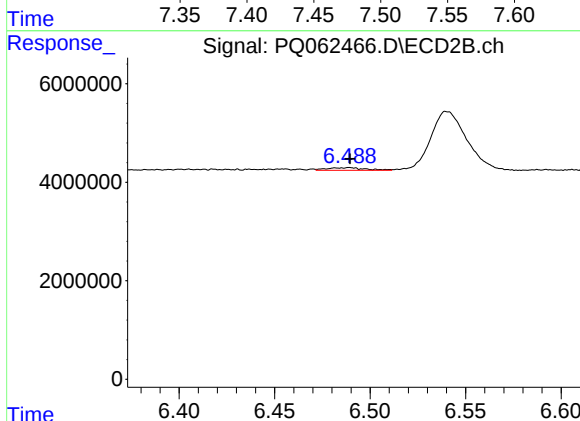
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 1337228
Conc: 8.62 ng/ml



#41 AR-1268-1

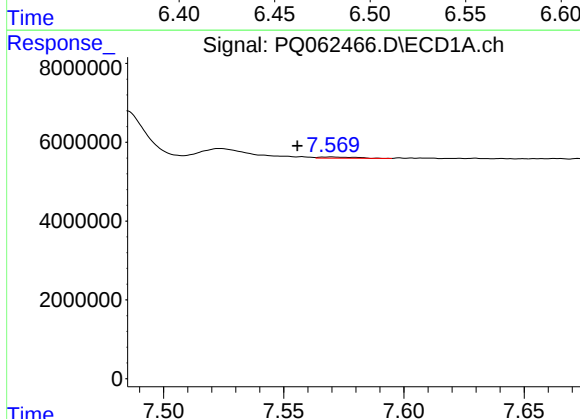
R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 15247121
Conc: 26.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



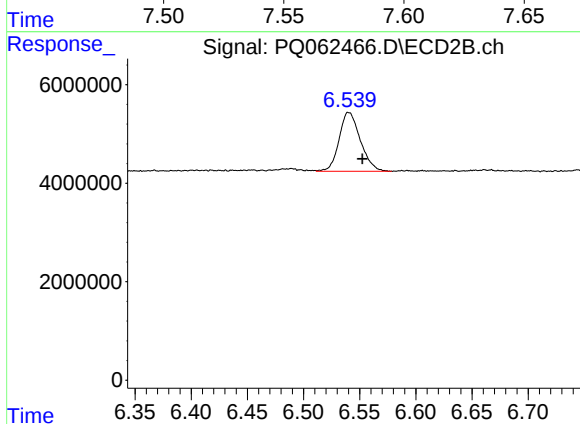
#41 AR-1268-1

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 767481
Conc: 1.63 ng/ml



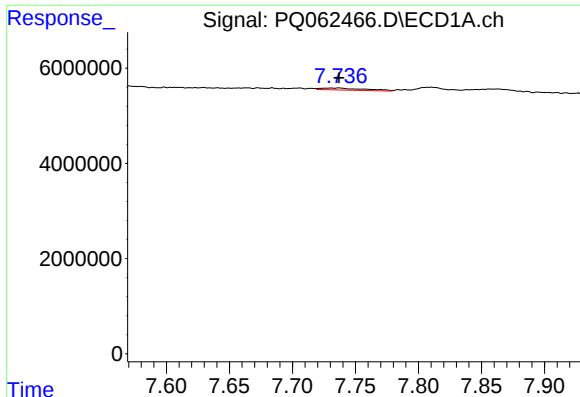
#42 AR-1268-2

R.T.: 7.570 min
Delta R.T.: 0.014 min
Response: 302337
Conc: 0.59 ng/ml



#42 AR-1268-2

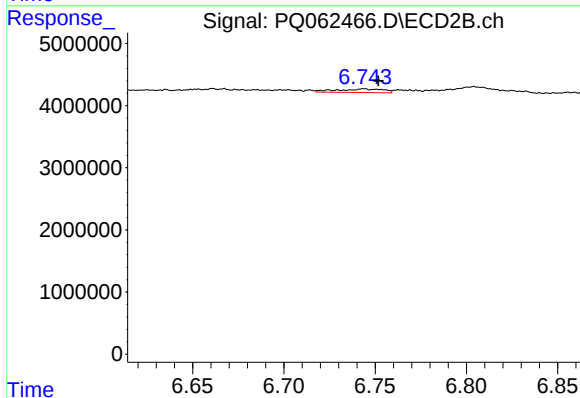
R.T.: 6.540 min
Delta R.T.: -0.012 min
Response: 15731579
Conc: 37.13 ng/ml



#43 AR-1268-3

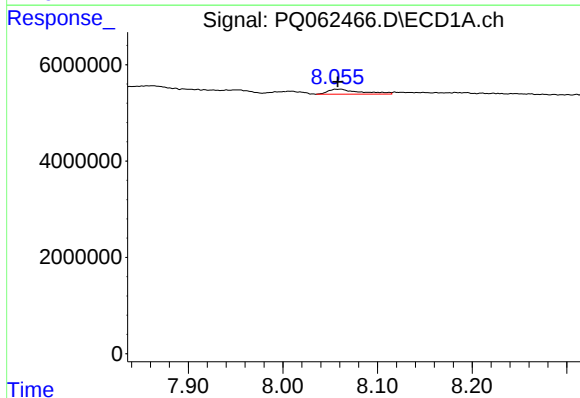
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 1070504
Conc: 2.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



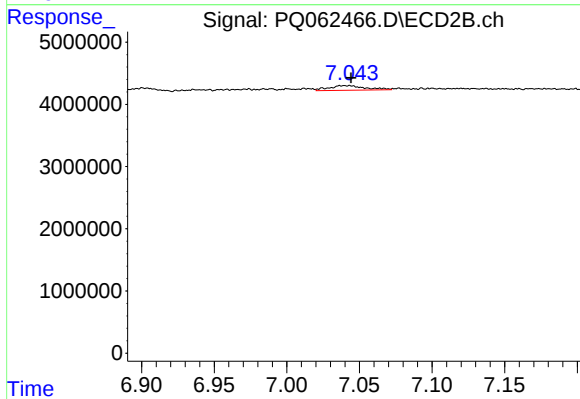
#43 AR-1268-3

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 1020076
Conc: 2.77 ng/ml



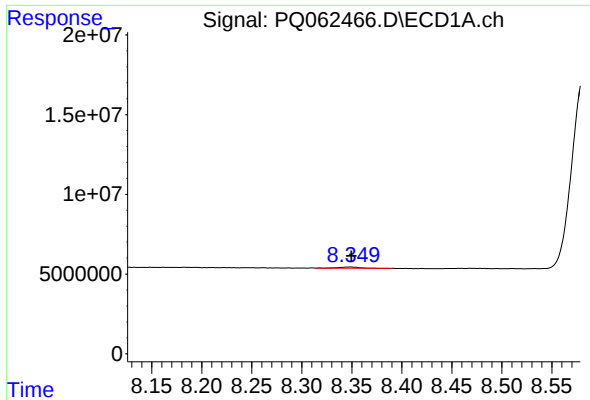
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: 0.003 min
Response: 2473491
Conc: 13.52 ng/ml



#44 AR-1268-4

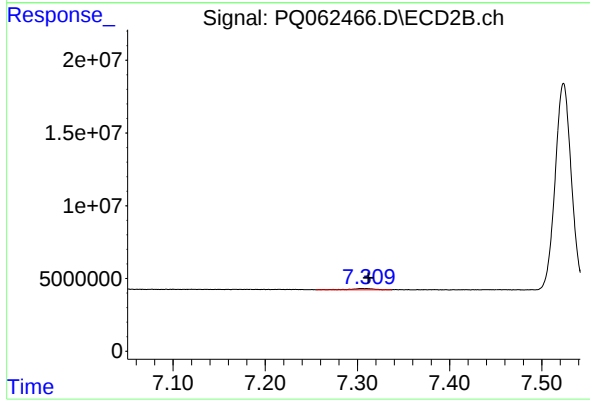
R.T.: 7.043 min
Delta R.T.: -0.001 min
Response: 1337228
Conc: 8.36 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 1031891
Conc: 0.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 1654570
Conc: 1.42 ng/ml