

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121123\
 Data File : PQ064402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 22:17
 Operator : YP\AJ
 Sample : 05736-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 34704

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 00:06:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.457	2.774	85117718	96906295	20.517	23.082
2)	SA Decachlor...	8.691	7.569	61213712	91289766	20.882	22.618
Target Compounds							
3)	L1 AR-1016-1	4.572	3.783	47863564	46025210	375.674	378.684
4)	L1 AR-1016-2	4.591	3.799	83106877	77921563	432.983	425.092
5)	L1 AR-1016-3	4.650	3.960	56484625	50261028	476.045	516.523
6)	L1 AR-1016-4	4.742	4.009	48288756	46066459	519.896	551.610
7)	L1 AR-1016-5	5.033	4.205	75374418	78322396	773.653	773.637
8)	L2 AR-1221-1	3.657	2.977	4483000	3851506	88.294	68.016
9)	L2 AR-1221-2	3.739	3.055	6127633	6942280	167.245	164.802
10)	L2 AR-1221-3	3.811	3.123	25371640	28729083	224.357	225.598
11)	L3 AR-1232-1	3.811	3.123	25371640	28729083	293.977	298.255
12)	L3 AR-1232-2	4.310	3.799	45845647	77921563	939.797	932.170
13)	L3 AR-1232-3	4.591	3.960	83106877	50261028	973.576	1128.895
14)	L3 AR-1232-4	4.742	4.046	48288756	51458357	1172.125	1347.003
15)	L3 AR-1232-5	4.841	4.205	41225198	78322396	1348.304	1840.363 #
16)	L4 AR-1242-1	4.572	3.783	47863564	46025210	461.828	443.542
17)	L4 AR-1242-2	4.591	3.799	83106877	77921563	535.695	504.376
18)	L4 AR-1242-3	4.650	3.960	56484625	50261028	583.165	612.863
19)	L4 AR-1242-4	4.742	4.046	48288756	51458357	635.201	659.494
20)	L4 AR-1242-5	5.464	4.544	67985614	85940959	818.955	891.188
21)	L5 AR-1248-1	4.572	3.783	47863564	46025210	614.613	568.839
22)	L5 AR-1248-2	4.841	4.009	41225198	46066459	369.405	375.786
23)	L5 AR-1248-3	5.033	4.046	75374418	51458357	566.366	440.983
24)	L5 AR-1248-4	5.429	4.205	68490341	78322396	478.538	558.713
25)	L5 AR-1248-5	5.464	4.581	67985614	66938612	484.857	503.034
26)	L6 AR-1254-1	5.401	4.544	52066470	85940959	339.931	410.446
27)	L6 AR-1254-2	5.616	4.691	61043469	23042176	261.417	124.565 #
28)	L6 AR-1254-3	5.977	5.075	26630367	49444418	108.344	174.771 #
29)	L6 AR-1254-4	6.261	5.302	5024357	18791355	28.917	101.221 #
30)	L6 AR-1254-5	6.677	5.707	18550048	12254479	96.113	47.196 #
31)	L7 AR-1260-1	6.161	5.207	2964207	24479337	15.828	126.580 #
32)	L7 AR-1260-2	6.417	5.397	7103980	14973562	32.768	64.340 #
33)	L7 AR-1260-3	6.754	5.530	6124042	26179466	37.573	120.438 #
34)	L7 AR-1260-4	6.986	6.005	4656571	3453822	27.144	18.751 #
35)	L7 AR-1260-5	7.290	6.245	6401152	2868786	18.946	6.616 #
36)	L8 AR-1262-1	6.754	5.800	6124042	1223152	24.893	10.738 #
37)	L8 AR-1262-2	7.290	6.005	6401152	3453822	15.967	13.558
38)	L8 AR-1262-3	7.576	6.532	1342504	6346642	4.964	28.183 #
39)	L8 AR-1262-4	0.000	6.585	0	4414445	N.D.	10.200 #
40)	L8 AR-1262-5	8.153	7.083	782326	659627	5.740	2.513 #
41)	L9 AR-1268-1	7.576	6.532	1342504	6346642	2.807	9.641 #

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 ALS Vial : 38 Sample Multiplier: 1

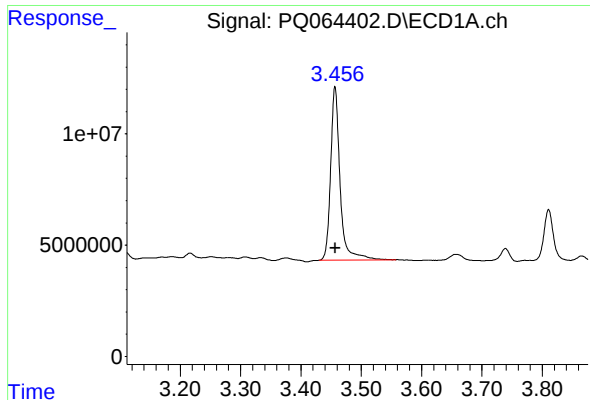
Instrument :
 ECD_Q
 ClientSampleId :
 34704

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 00:06:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
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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	7.694f	6.585	44062	4414445	0.101	7.111 #
43) L9	AR-1268-3	0.000	6.793	0	2813251	N.D.	4.395 #
44) L9	AR-1268-4	8.153	7.083	782326	659627	5.111	2.192 #
45) L9	AR-1268-5	8.451	7.310f	447729	121423	0.412	0.064 #

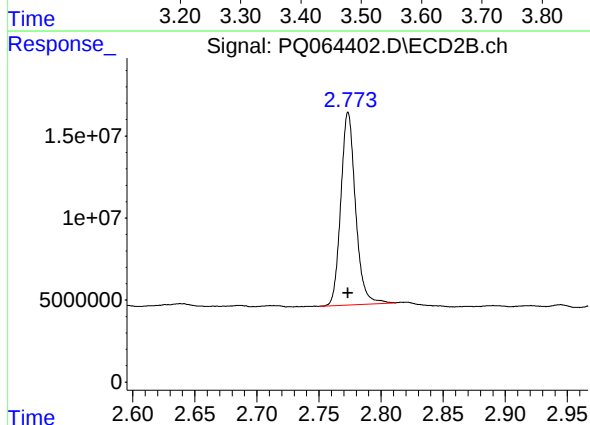
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

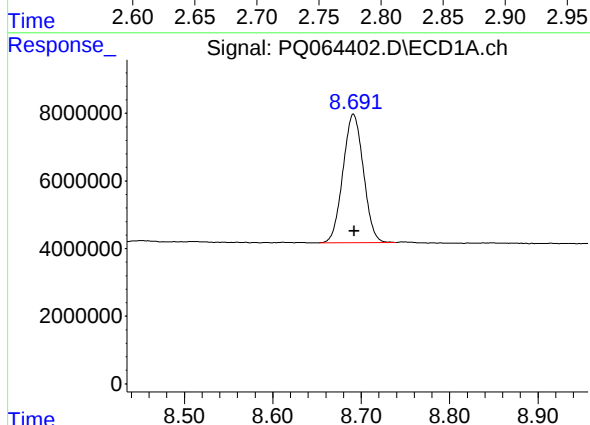
R.T.: 3.457 min
Delta R.T.: 0.000 min
Response: 85117718
Conc: 20.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



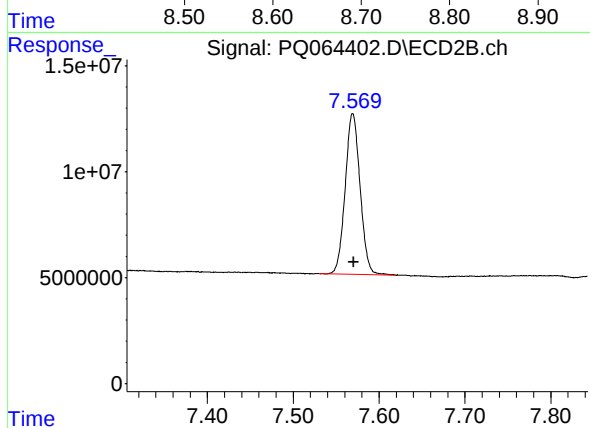
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 96906295
Conc: 23.08 ng/ml



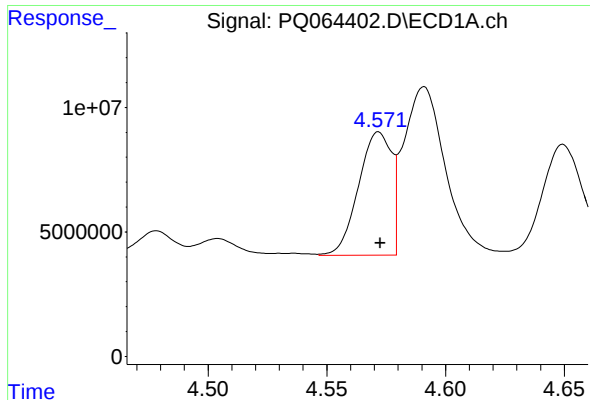
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 61213712
Conc: 20.88 ng/ml



#2 Decachlorobiphenyl

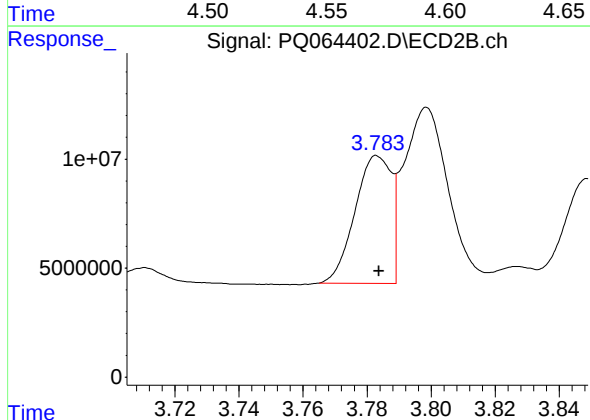
R.T.: 7.569 min
Delta R.T.: -0.001 min
Response: 91289766
Conc: 22.62 ng/ml



#3 AR-1016-1

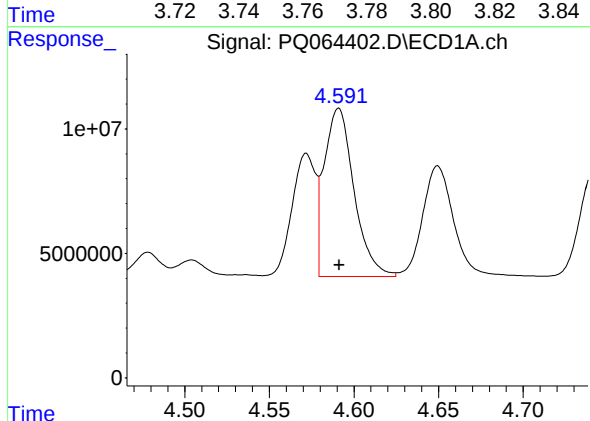
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 47863564
Conc: 375.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



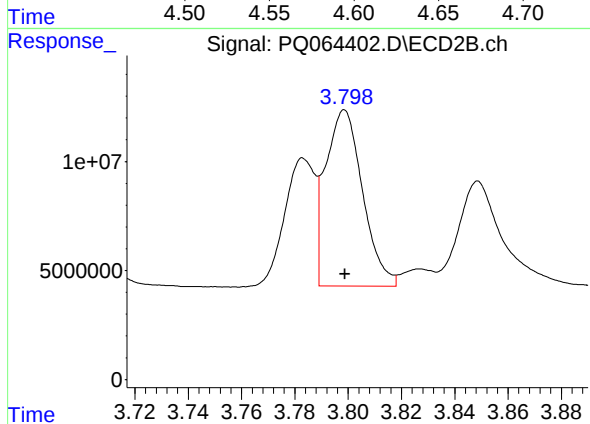
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 46025210
Conc: 378.68 ng/ml



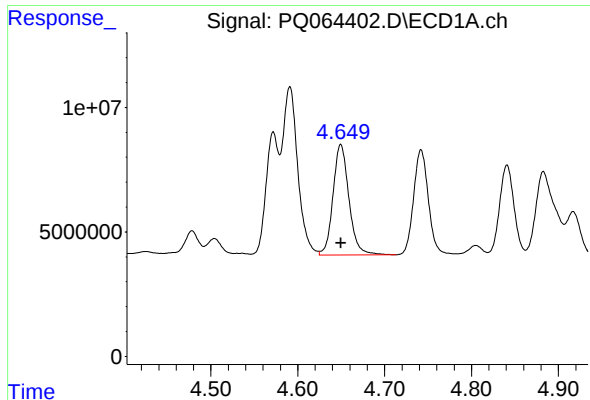
#4 AR-1016-2

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 83106877
Conc: 432.98 ng/ml



#4 AR-1016-2

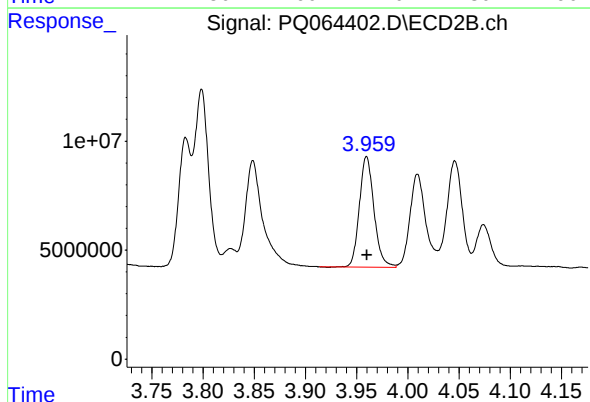
R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 77921563
Conc: 425.09 ng/ml



#5 AR-1016-3

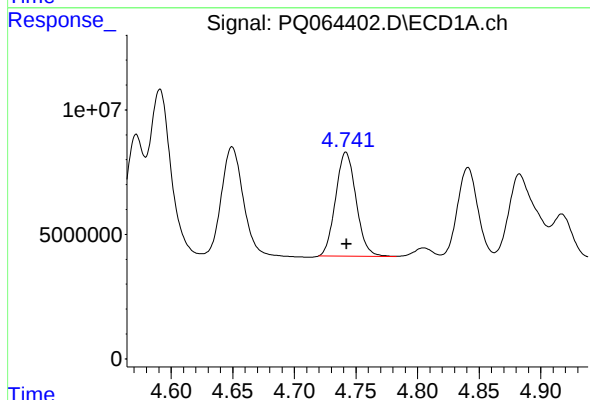
R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 56484625
Conc: 476.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



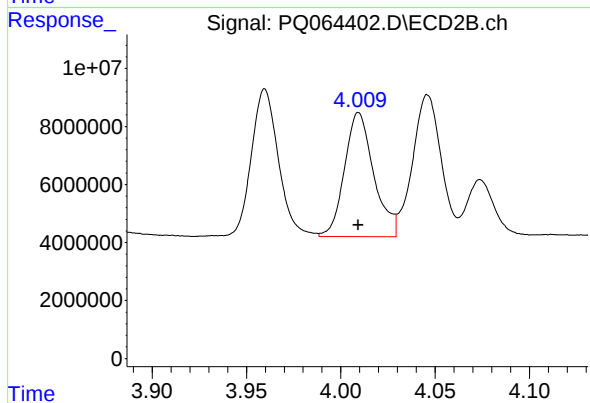
#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 50261028
Conc: 516.52 ng/ml



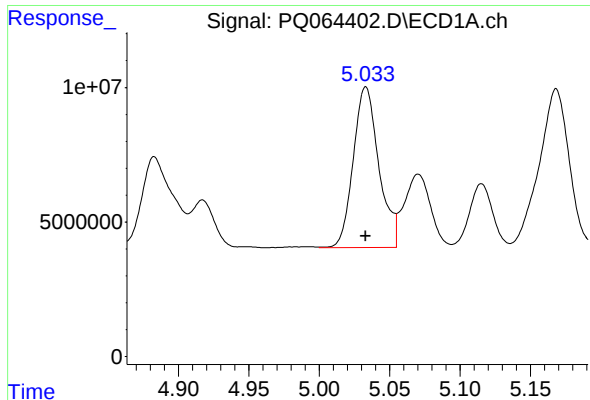
#6 AR-1016-4

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 48288756
Conc: 519.90 ng/ml



#6 AR-1016-4

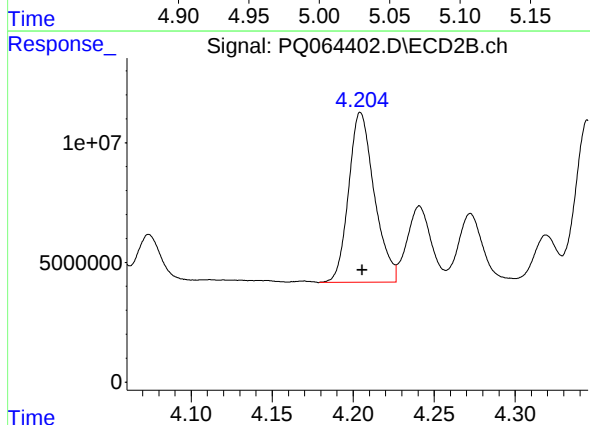
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 46066459
Conc: 551.61 ng/ml



#7 AR-1016-5

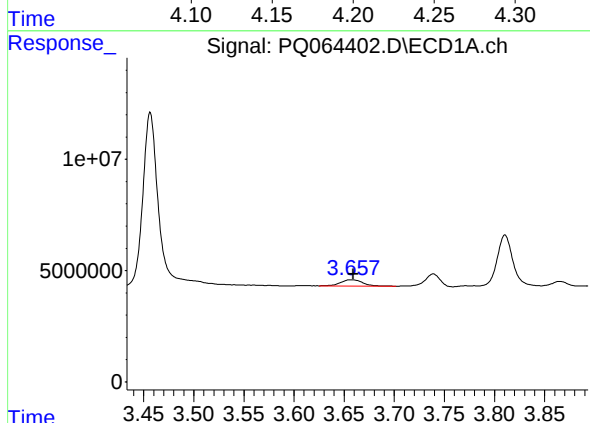
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 75374418
Conc: 773.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



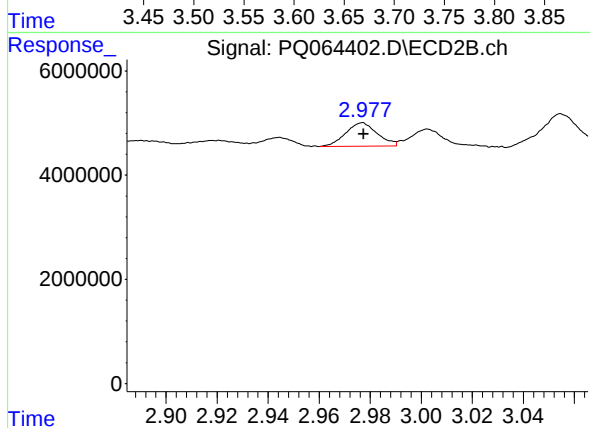
#7 AR-1016-5

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 78322396
Conc: 773.64 ng/ml



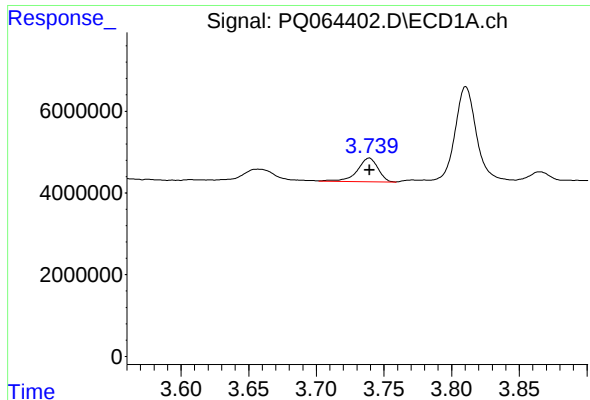
#8 AR-1221-1

R.T.: 3.657 min
Delta R.T.: -0.002 min
Response: 4483000
Conc: 88.29 ng/ml



#8 AR-1221-1

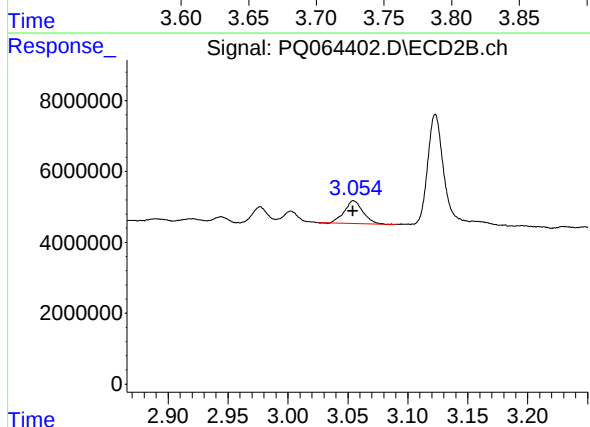
R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 3851506
Conc: 68.02 ng/ml



#9 AR-1221-2

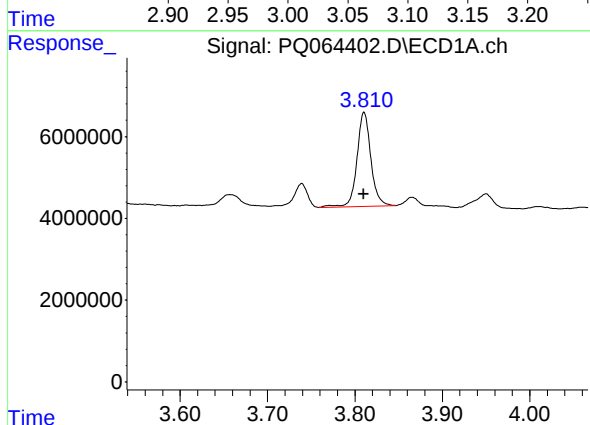
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 6127633
Conc: 167.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



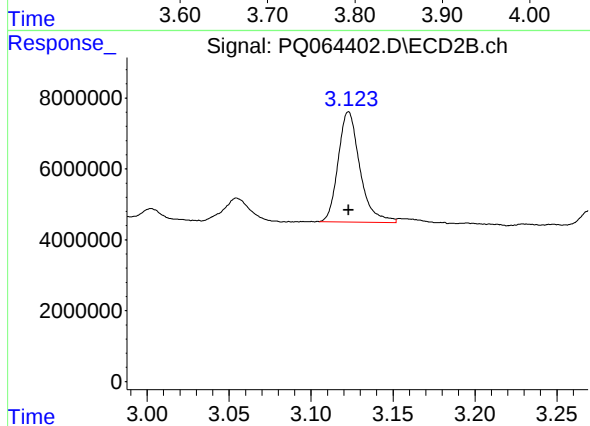
#9 AR-1221-2

R.T.: 3.055 min
Delta R.T.: 0.000 min
Response: 6942280
Conc: 164.80 ng/ml



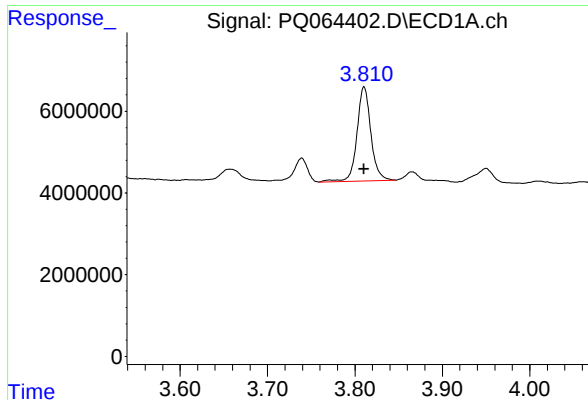
#10 AR-1221-3

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 25371640
Conc: 224.36 ng/ml



#10 AR-1221-3

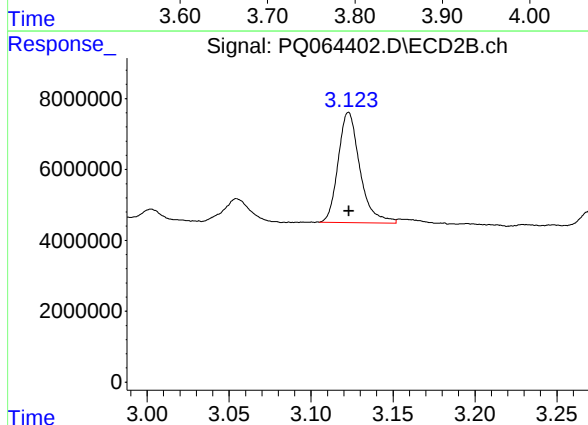
R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 28729083
Conc: 225.60 ng/ml



#11 AR-1232-1

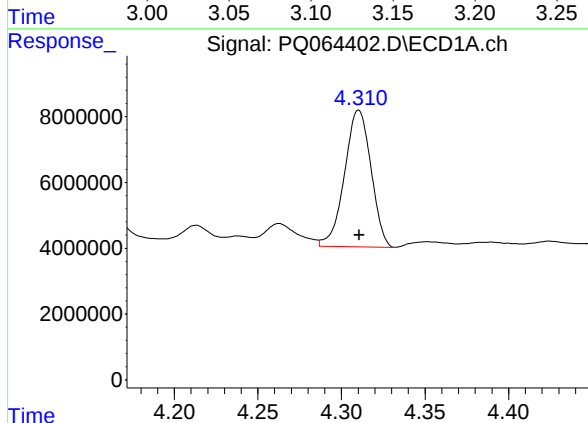
R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 25371640
Conc: 293.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



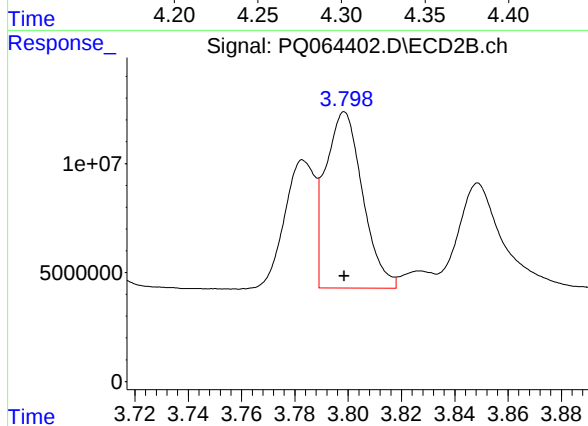
#11 AR-1232-1

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 28729083
Conc: 298.26 ng/ml



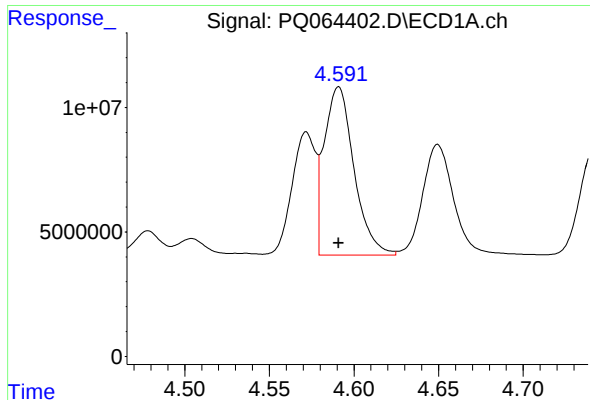
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 45845647
Conc: 939.80 ng/ml



#12 AR-1232-2

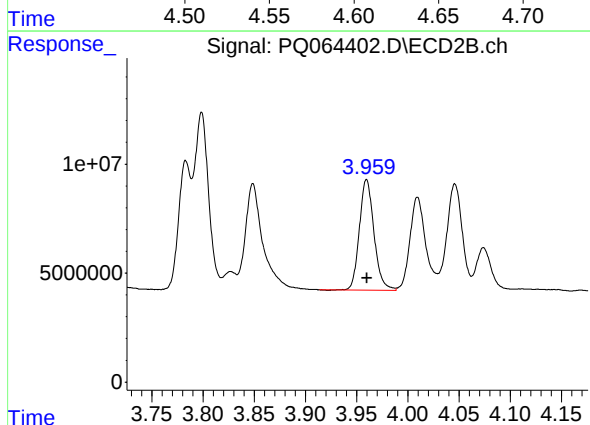
R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 77921563
Conc: 932.17 ng/ml



#13 AR-1232-3

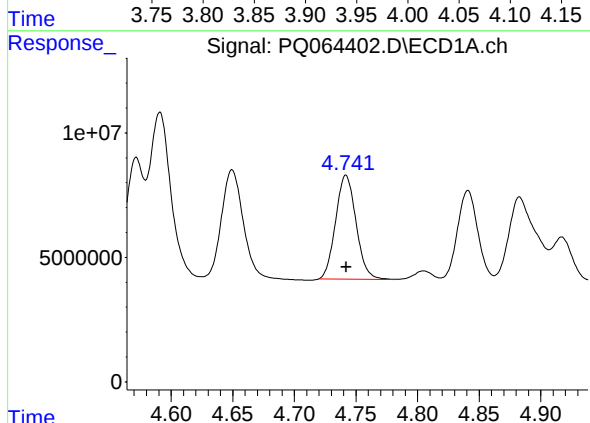
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 83106877
Conc: 973.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



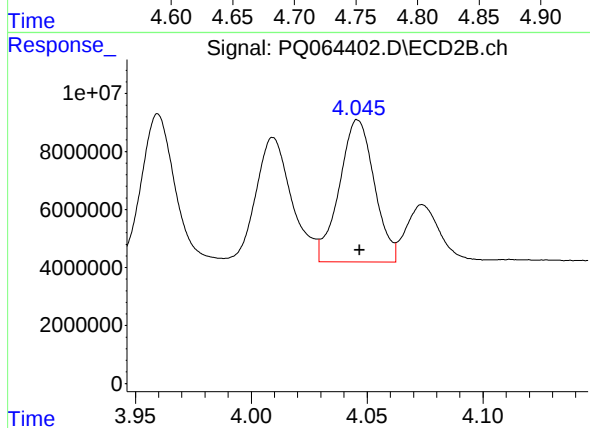
#13 AR-1232-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 50261028
Conc: 1128.89 ng/ml



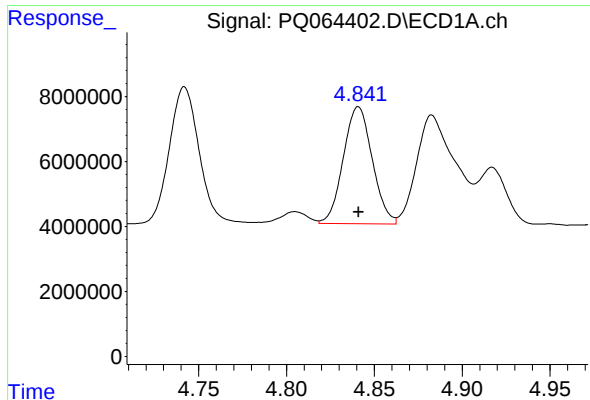
#14 AR-1232-4

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 48288756
Conc: 1172.13 ng/ml



#14 AR-1232-4

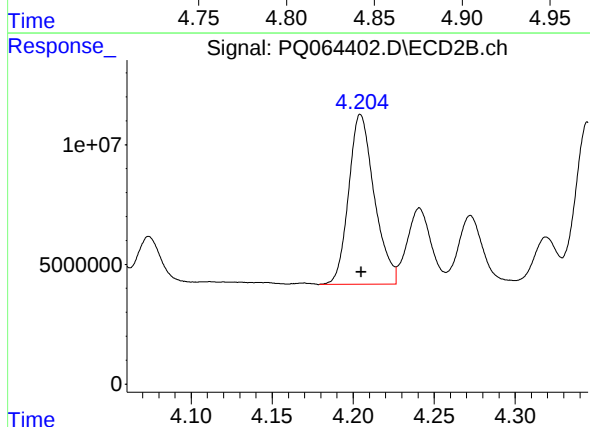
R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 51458357
Conc: 1347.00 ng/ml



#15 AR-1232-5

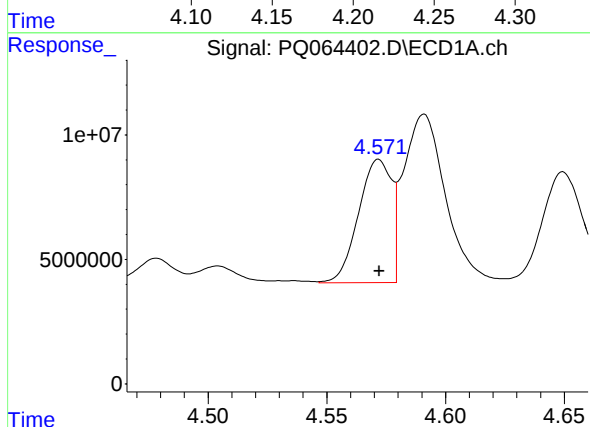
R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 41225198
Conc: 1348.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



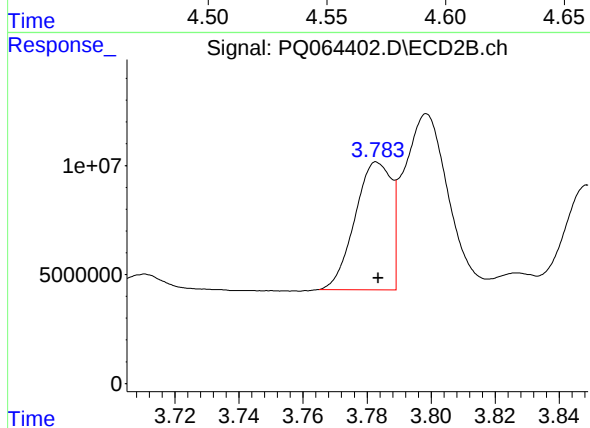
#15 AR-1232-5

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 78322396
Conc: 1840.36 ng/ml



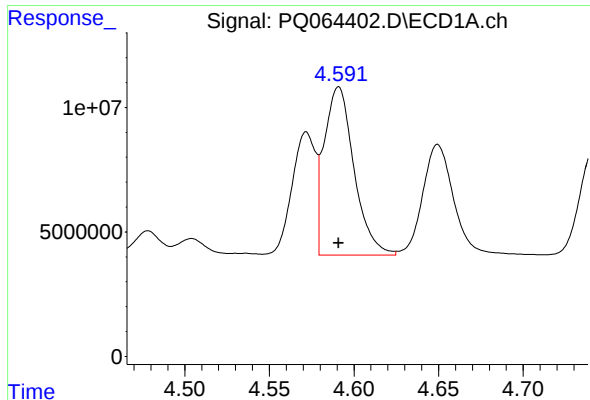
#16 AR-1242-1

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 47863564
Conc: 461.83 ng/ml



#16 AR-1242-1

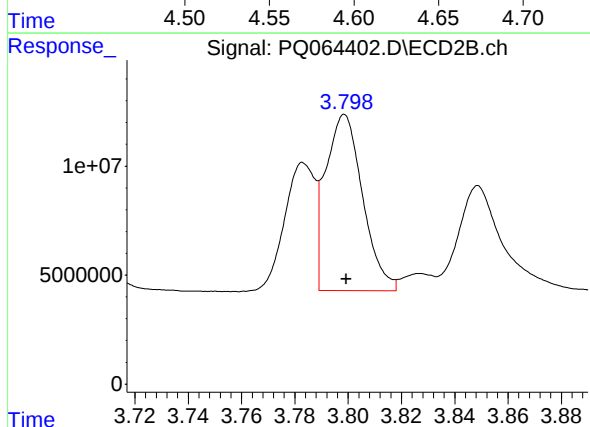
R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 46025210
Conc: 443.54 ng/ml



#17 AR-1242-2

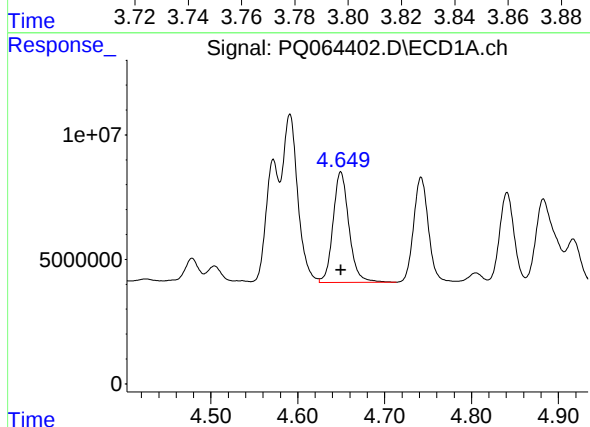
R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 83106877
Conc: 535.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



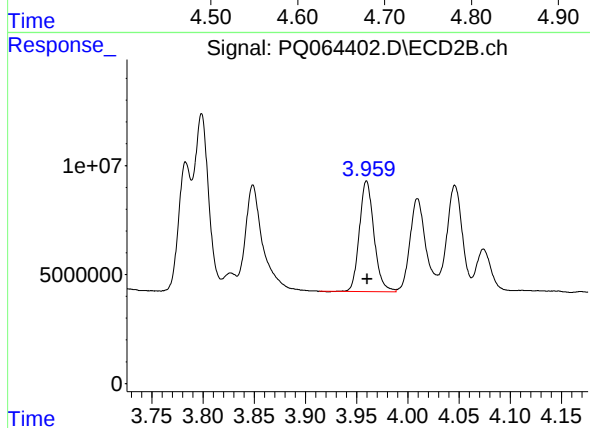
#17 AR-1242-2

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 77921563
Conc: 504.38 ng/ml



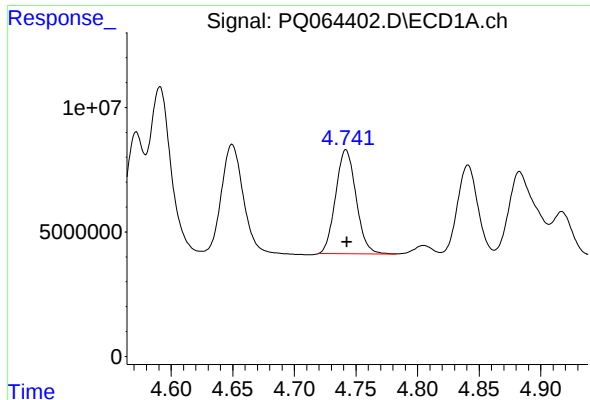
#18 AR-1242-3

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 56484625
Conc: 583.17 ng/ml



#18 AR-1242-3

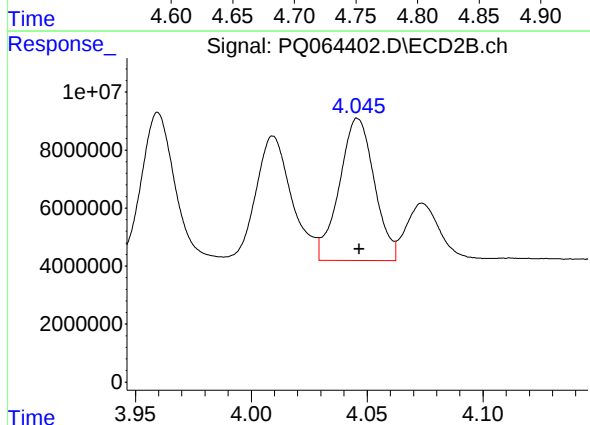
R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 50261028
Conc: 612.86 ng/ml



#19 AR-1242-4

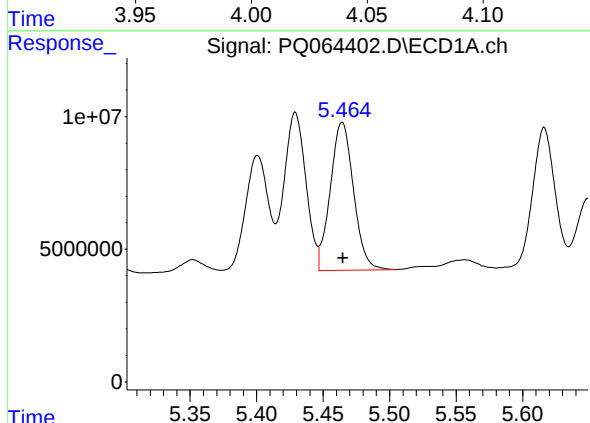
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 48288756
Conc: 635.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



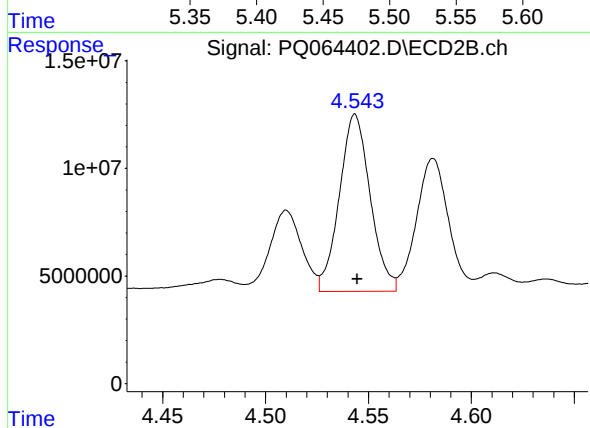
#19 AR-1242-4

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 51458357
Conc: 659.49 ng/ml



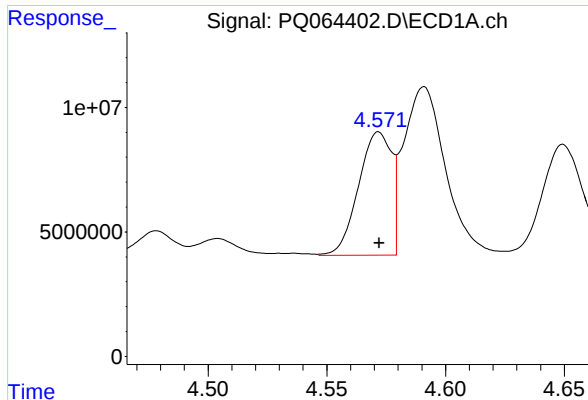
#20 AR-1242-5

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 67985614
Conc: 818.95 ng/ml



#20 AR-1242-5

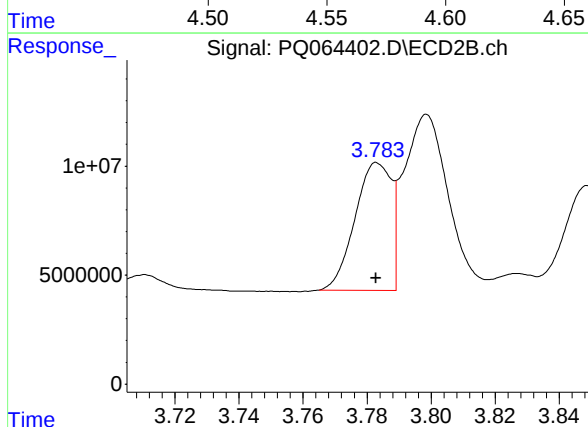
R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 85940959
Conc: 891.19 ng/ml



#21 AR-1248-1

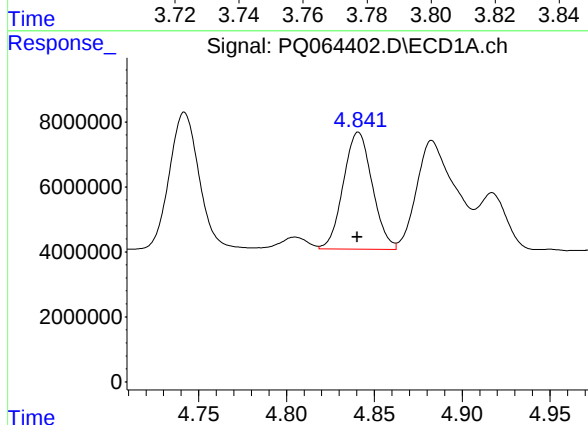
R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 47863564
Conc: 614.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



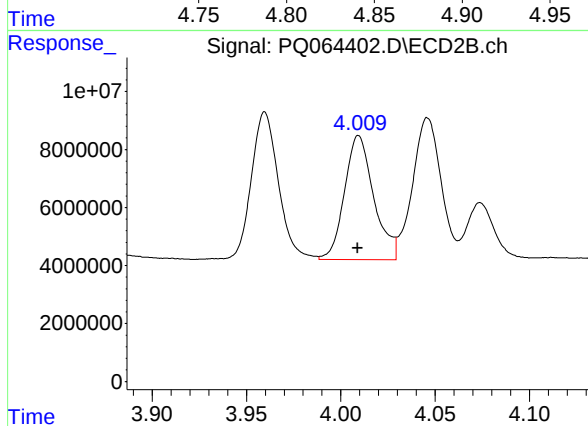
#21 AR-1248-1

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 46025210
Conc: 568.84 ng/ml



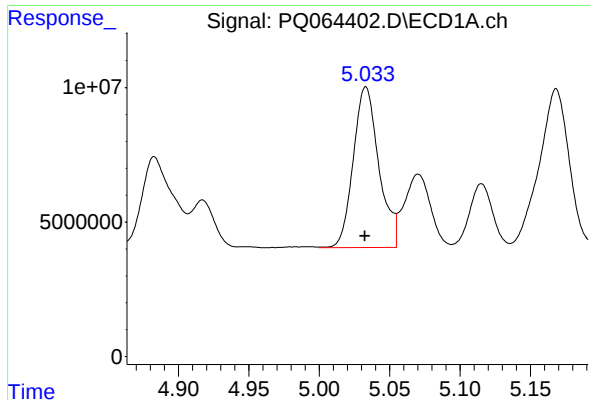
#22 AR-1248-2

R.T.: 4.841 min
Delta R.T.: 0.000 min
Response: 41225198
Conc: 369.40 ng/ml



#22 AR-1248-2

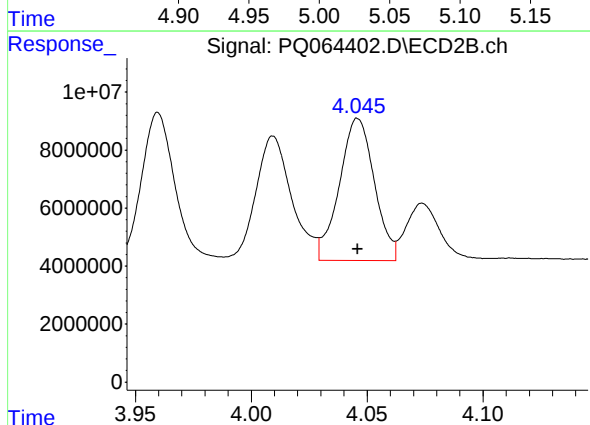
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 46066459
Conc: 375.79 ng/ml



#23 AR-1248-3

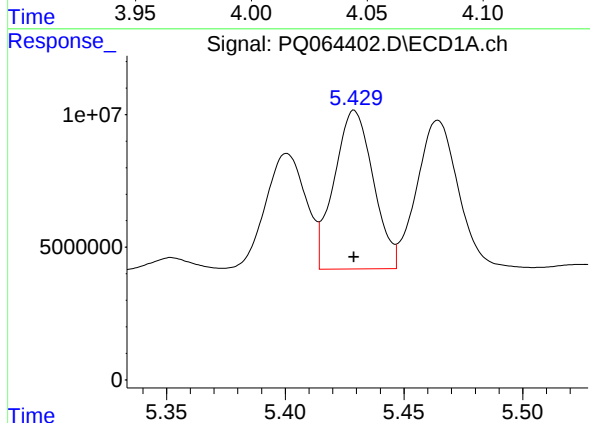
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 75374418
Conc: 566.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



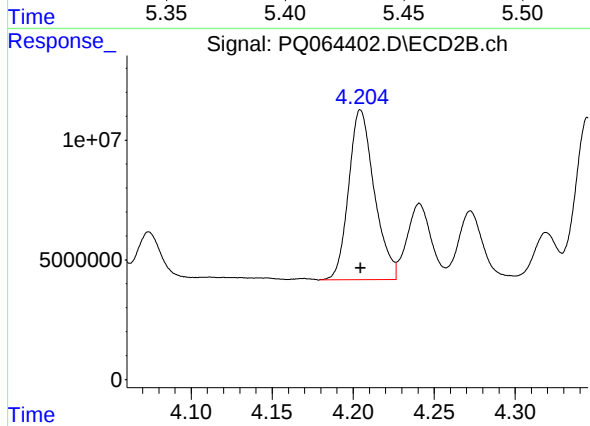
#23 AR-1248-3

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 51458357
Conc: 440.98 ng/ml



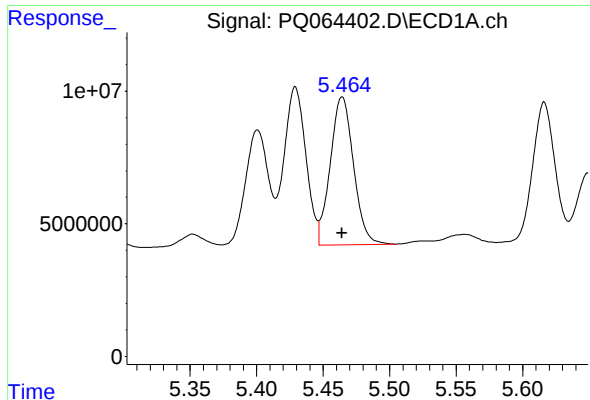
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 68490341
Conc: 478.54 ng/ml



#24 AR-1248-4

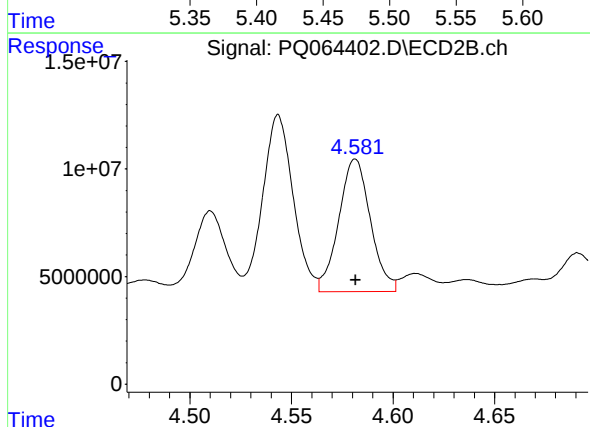
R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 78322396
Conc: 558.71 ng/ml



#25 AR-1248-5

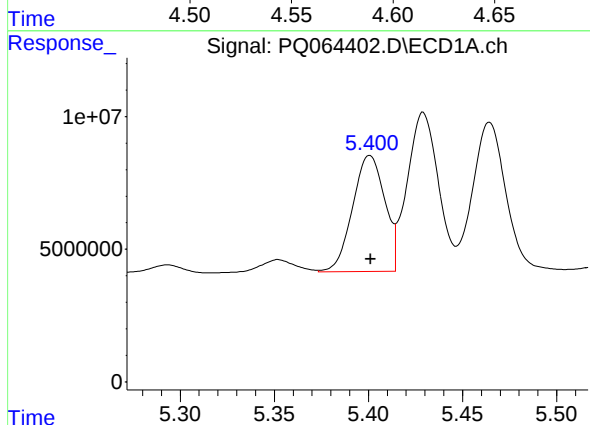
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 67985614
Conc: 484.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



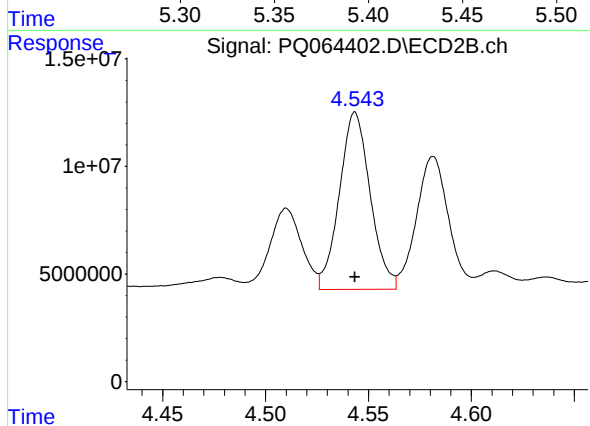
#25 AR-1248-5

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 66938612
Conc: 503.03 ng/ml



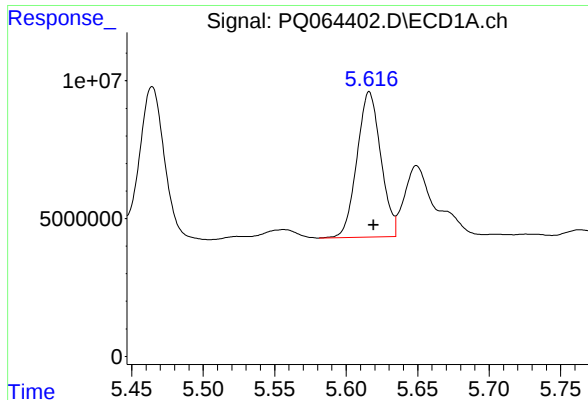
#26 AR-1254-1

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 52066470
Conc: 339.93 ng/ml



#26 AR-1254-1

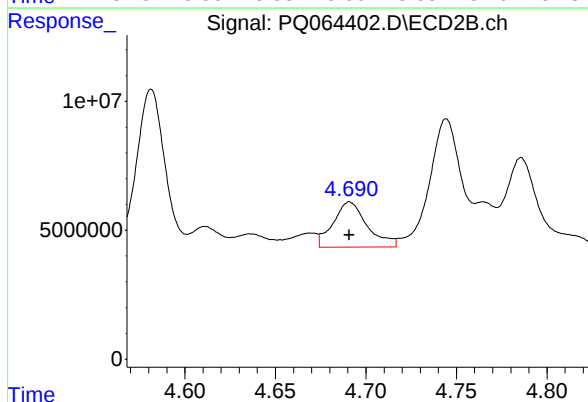
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 85940959
Conc: 410.45 ng/ml



#27 AR-1254-2

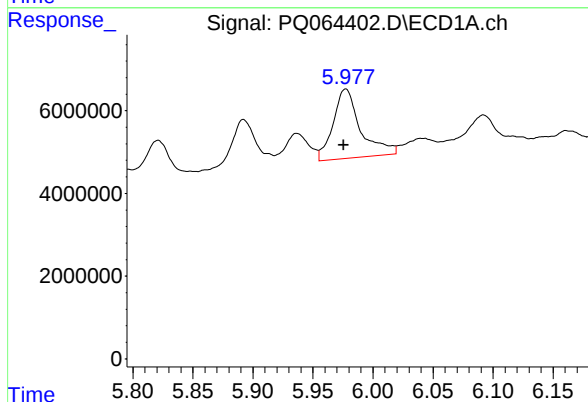
R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 61043469
Conc: 261.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



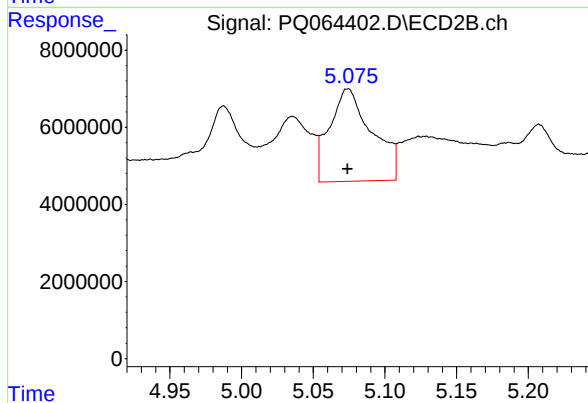
#27 AR-1254-2

R.T.: 4.691 min
Delta R.T.: 0.000 min
Response: 23042176
Conc: 124.56 ng/ml



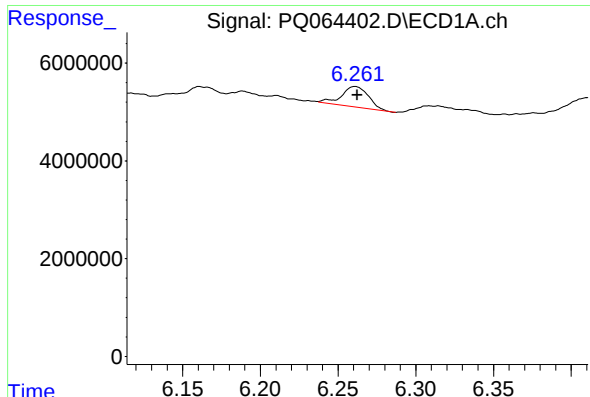
#28 AR-1254-3

R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 26630367
Conc: 108.34 ng/ml



#28 AR-1254-3

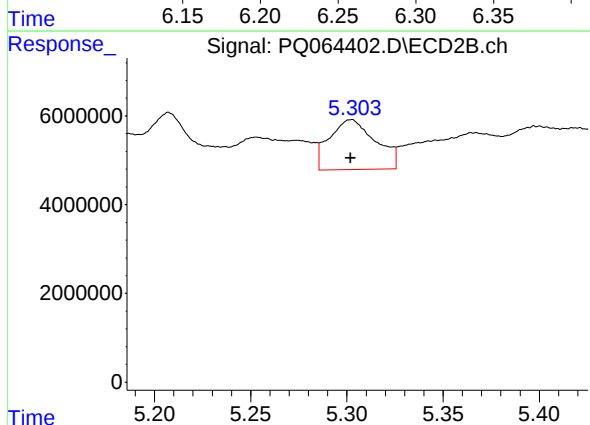
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 49444418
Conc: 174.77 ng/ml



#29 AR-1254-4

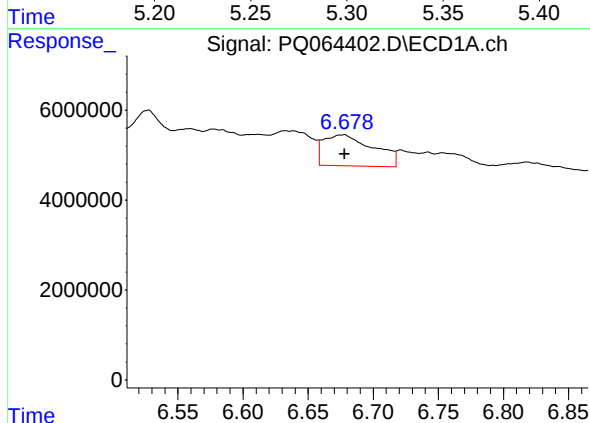
R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 5024357
Conc: 28.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



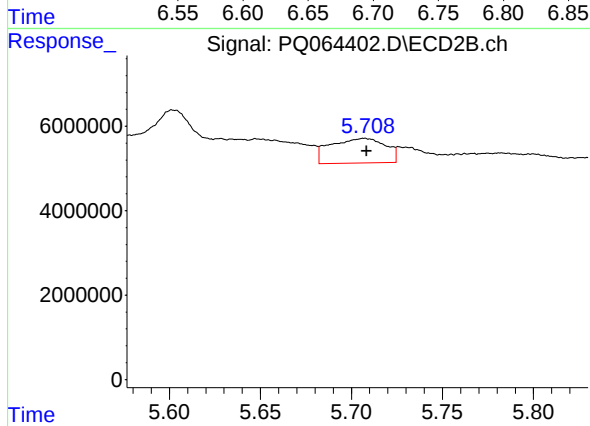
#29 AR-1254-4

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 18791355
Conc: 101.22 ng/ml



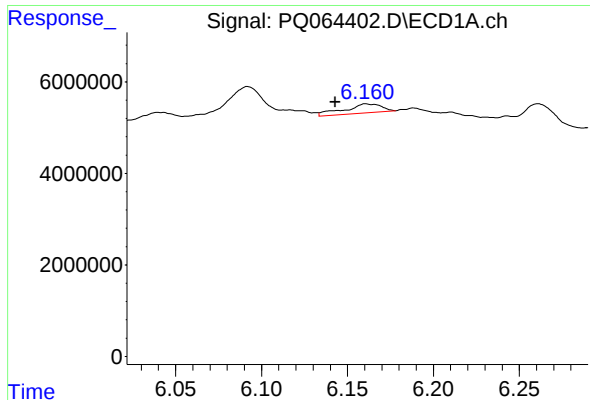
#30 AR-1254-5

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 18550048
Conc: 96.11 ng/ml



#30 AR-1254-5

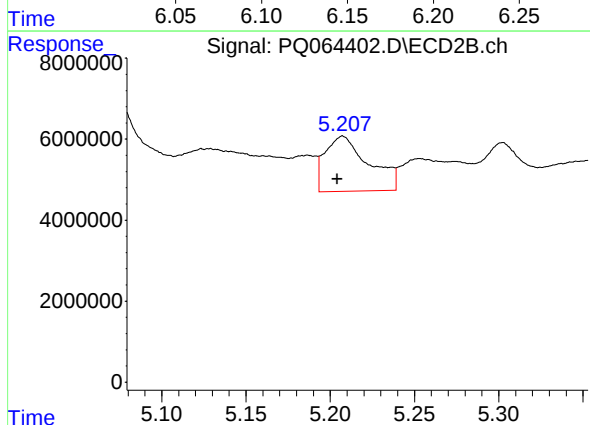
R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 12254479
Conc: 47.20 ng/ml



#31 AR-1260-1

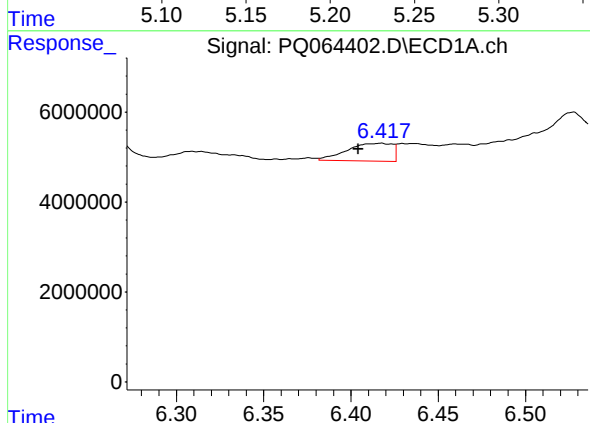
R.T.: 6.161 min
Delta R.T.: 0.018 min
Response: 2964207
Conc: 15.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



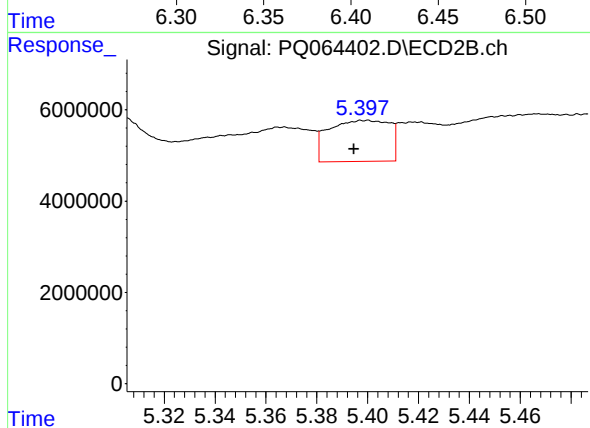
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: 0.003 min
Response: 24479337
Conc: 126.58 ng/ml



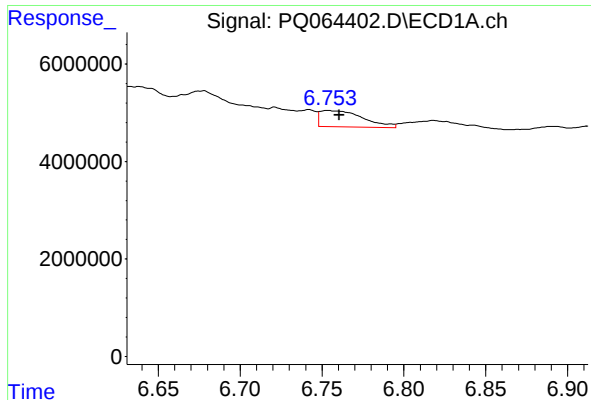
#32 AR-1260-2

R.T.: 6.417 min
Delta R.T.: 0.013 min
Response: 7103980
Conc: 32.77 ng/ml



#32 AR-1260-2

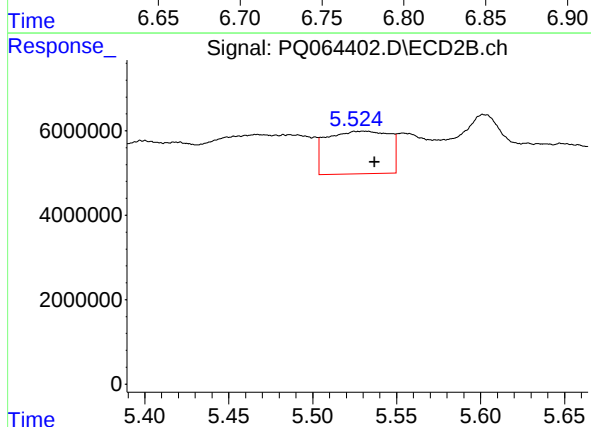
R.T.: 5.397 min
Delta R.T.: 0.003 min
Response: 14973562
Conc: 64.34 ng/ml



#33 AR-1260-3

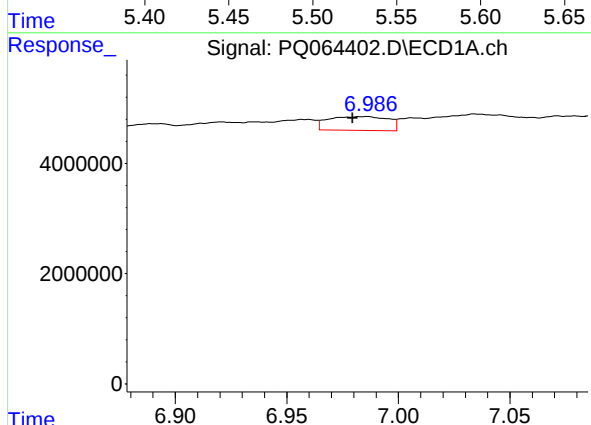
R.T.: 6.754 min
Delta R.T.: -0.007 min
Response: 6124042
Conc: 37.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



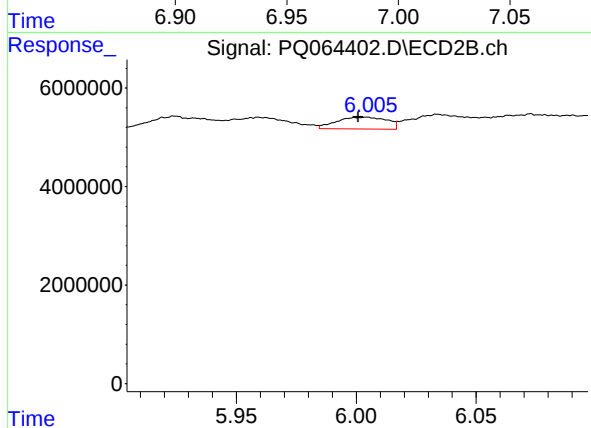
#33 AR-1260-3

R.T.: 5.530 min
Delta R.T.: -0.007 min
Response: 26179466
Conc: 120.44 ng/ml



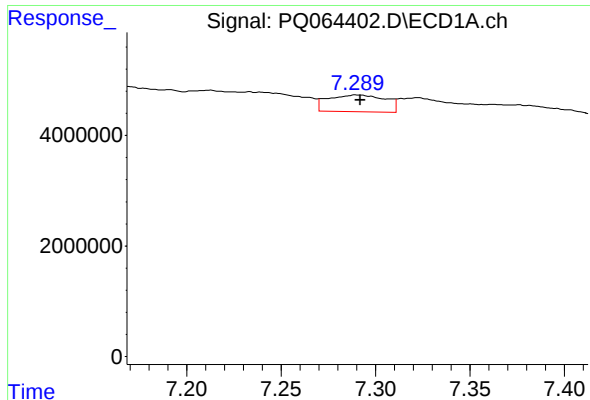
#34 AR-1260-4

R.T.: 6.986 min
Delta R.T.: 0.006 min
Response: 4656571
Conc: 27.14 ng/ml



#34 AR-1260-4

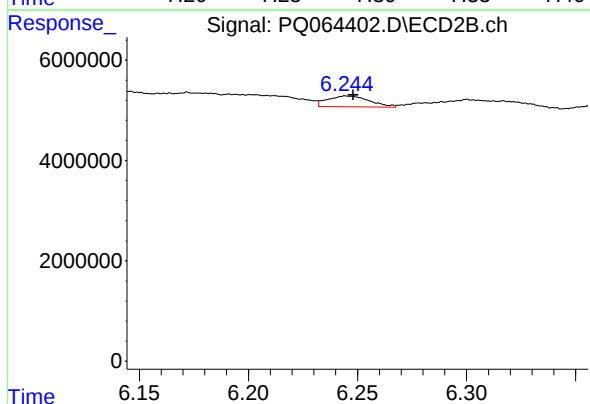
R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 3453822
Conc: 18.75 ng/ml



#35 AR-1260-5

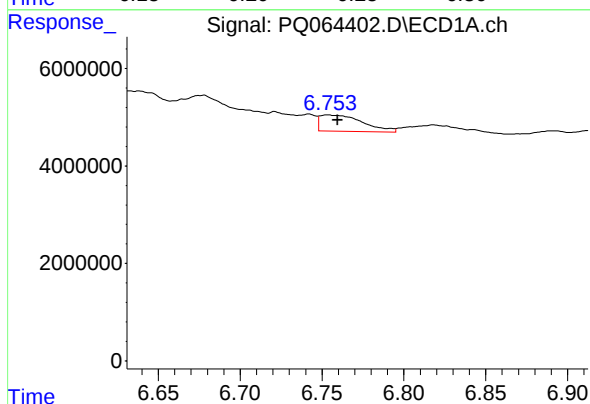
R.T.: 7.290 min
Delta R.T.: -0.002 min
Response: 6401152
Conc: 18.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



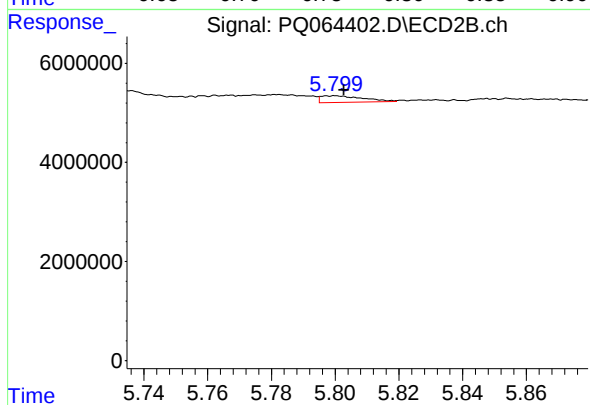
#35 AR-1260-5

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 2868786
Conc: 6.62 ng/ml



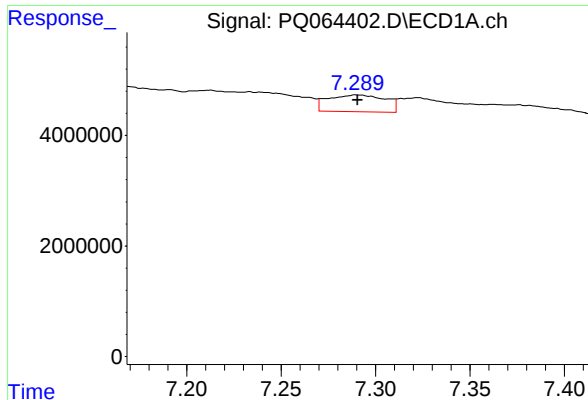
#36 AR-1262-1

R.T.: 6.754 min
Delta R.T.: -0.006 min
Response: 6124042
Conc: 24.89 ng/ml



#36 AR-1262-1

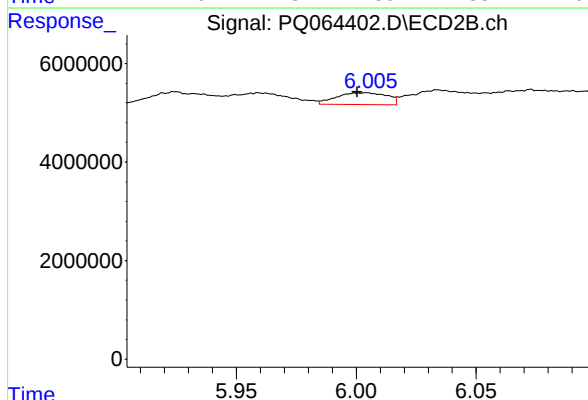
R.T.: 5.800 min
Delta R.T.: -0.003 min
Response: 1223152
Conc: 10.74 ng/ml



#37 AR-1262-2

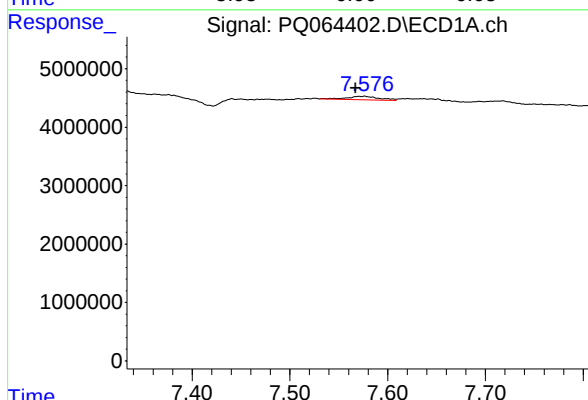
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 6401152
Conc: 15.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



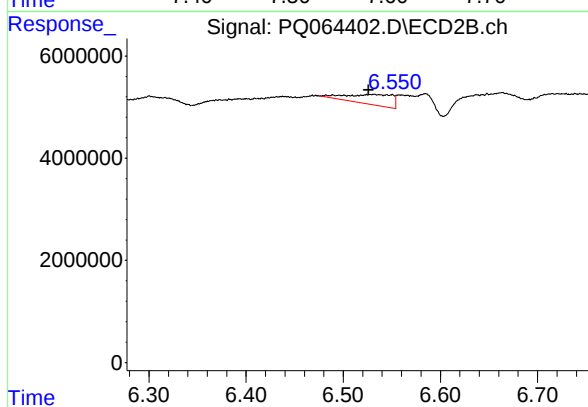
#37 AR-1262-2

R.T.: 6.005 min
Delta R.T.: 0.004 min
Response: 3453822
Conc: 13.56 ng/ml



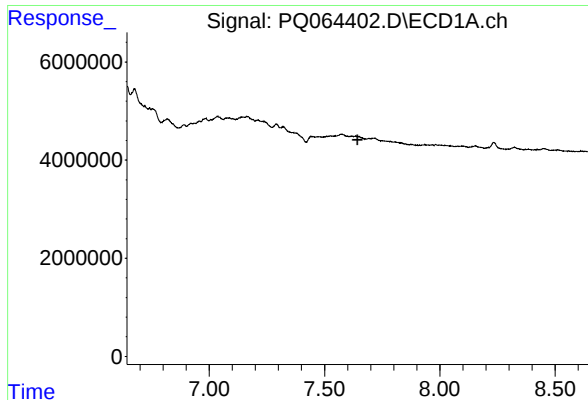
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.009 min
Response: 1342504
Conc: 4.96 ng/ml



#38 AR-1262-3

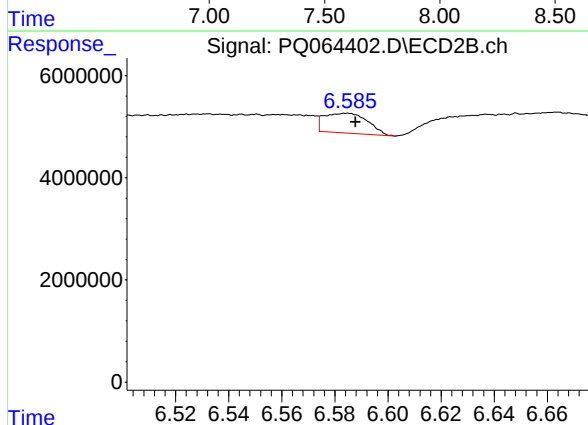
R.T.: 6.532 min
Delta R.T.: 0.006 min
Response: 6346642
Conc: 28.18 ng/ml



#39 AR-1262-4

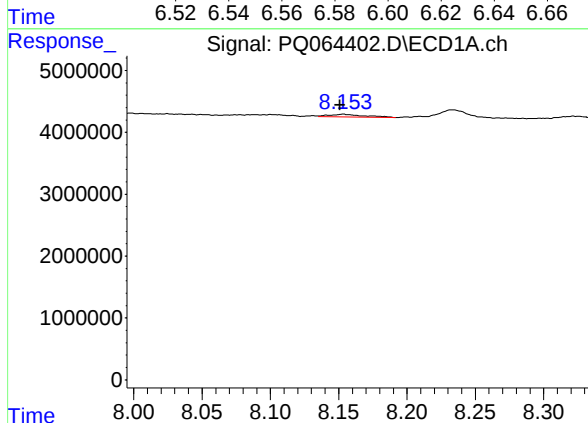
R.T.: 0.000 min
Exp R.T.: 7.643 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
34704



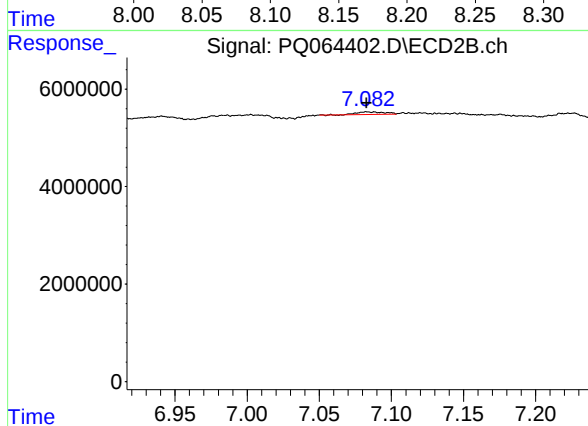
#39 AR-1262-4

R.T.: 6.585 min
Delta R.T.: -0.003 min
Response: 4414445
Conc: 10.20 ng/ml



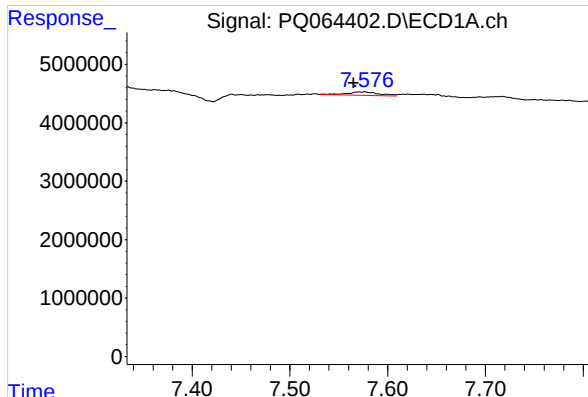
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 782326
Conc: 5.74 ng/ml



#40 AR-1262-5

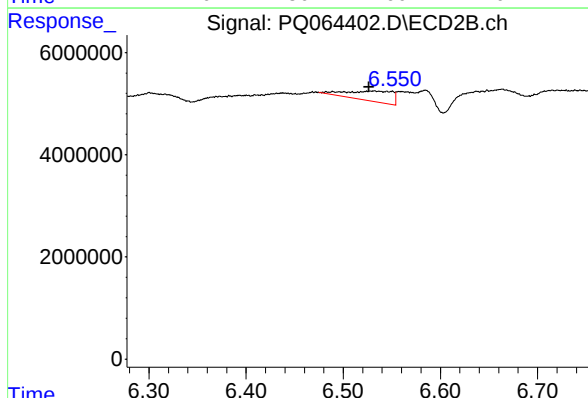
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 659627
Conc: 2.51 ng/ml



#41 AR-1268-1

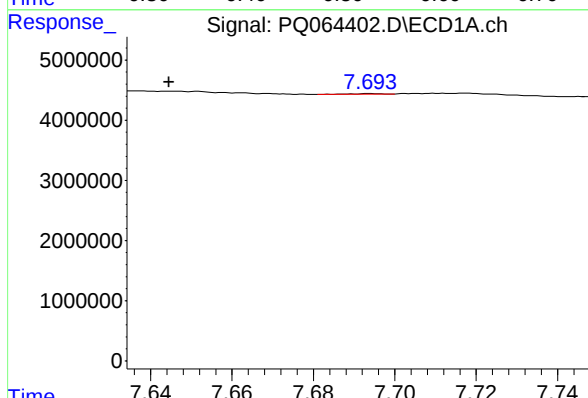
R.T.: 7.576 min
Delta R.T.: 0.011 min
Response: 1342504
Conc: 2.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



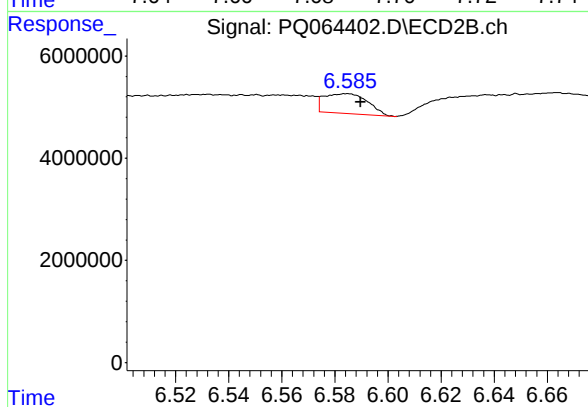
#41 AR-1268-1

R.T.: 6.532 min
Delta R.T.: 0.006 min
Response: 6346642
Conc: 9.64 ng/ml



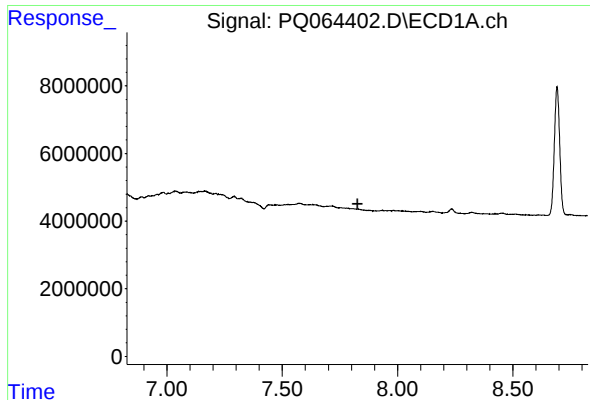
#42 AR-1268-2

R.T.: 7.694 min
Delta R.T.: 0.050 min
Response: 44062
Conc: 0.10 ng/ml



#42 AR-1268-2

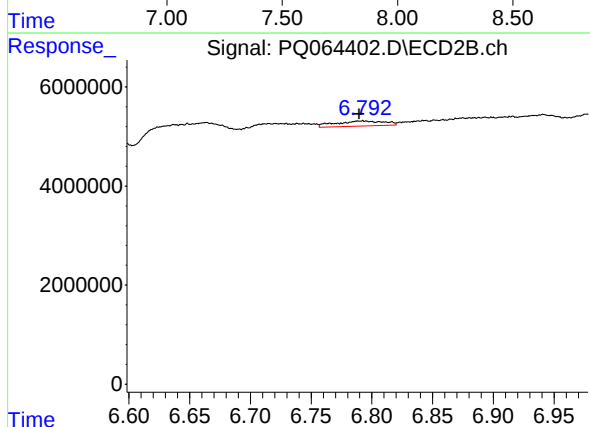
R.T.: 6.585 min
Delta R.T.: -0.005 min
Response: 4414445
Conc: 7.11 ng/ml



#43 AR-1268-3

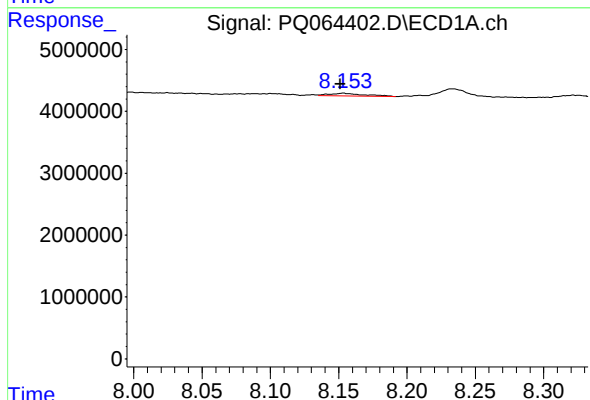
R.T.: 0.000 min
Exp R.T.: 7.826 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
34704



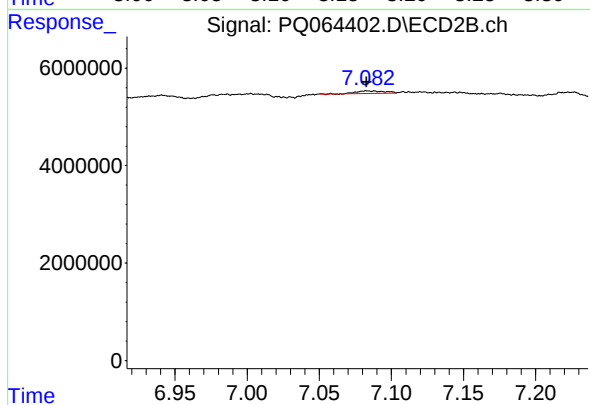
#43 AR-1268-3

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 2813251
Conc: 4.39 ng/ml



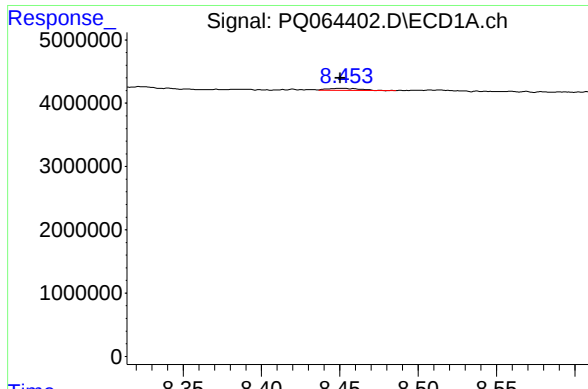
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 782326
Conc: 5.11 ng/ml



#44 AR-1268-4

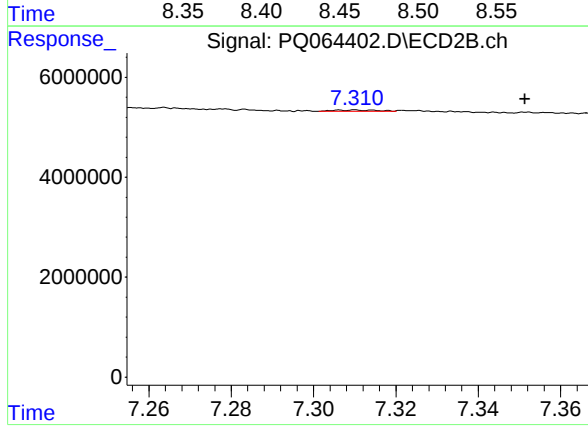
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 659627
Conc: 2.19 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.001 min
Response: 447729
Conc: 0.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
34704



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: -0.041 min
Response: 121423
Conc: 0.06 ng/ml