

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
 Data File : PQ063134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2023 12:36
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:57:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.458	2.783	239.4E6	208.6E6	44.559	50.586
2)	SA Decachlor...	8.693	7.593	203.2E6	205.1E6	52.473	47.411
Target Compounds							
3)	L1 AR-1016-1	4.570	3.795	76462117	67155712	392.972	421.393
4)	L1 AR-1016-2	4.590	3.811	109.7E6	90003072	395.276	421.219
5)	L1 AR-1016-3	4.649	3.972	67587345	51505096	395.239	430.800
6)	L1 AR-1016-4	4.741	4.022	56379759	39341718	400.625	405.475
7)	L1 AR-1016-5	5.031	4.218	57280192	53471816	416.300	424.920
8)	L2 AR-1221-1	3.656	2.987	9234267	9338658	135.706	170.190 #
9)	L2 AR-1221-2	3.739	3.064	11087248	10354367	232.382	274.514
10)	L2 AR-1221-3	3.810	3.133	43000895	36864631	278.631	306.378
11)	L3 AR-1232-1	3.810	3.133	43000895	36864631	332.822	378.349
12)	L3 AR-1232-2	4.310	3.811	58656964	90003072	841.031	925.264
13)	L3 AR-1232-3	4.590	3.972	109.7E6	51505096	897.605	970.015
14)	L3 AR-1232-4	4.741	4.059	56379759	46082032	934.384	1004.006
15)	L3 AR-1232-5	4.839	4.218	43633956	53471816	999.713	986.152
16)	L4 AR-1242-1	4.570	3.795	76462117	67155712	453.035	465.009
17)	L4 AR-1242-2	4.590	3.811	109.7E6	90003072	454.799	473.755
18)	L4 AR-1242-3	4.649	3.972	67587345	51505096	461.405	477.212
19)	L4 AR-1242-4	4.741	4.059	56379759	46082032	455.638	462.536
20)	L4 AR-1242-5	5.463	4.559	62189566	63442061	470.571	469.228
21)	L5 AR-1248-1	4.570	3.795	76462117	67155712	574.254	601.170
22)	L5 AR-1248-2	4.839	4.022	43633956	39341718	249.689	249.131
23)	L5 AR-1248-3	5.031	4.059	57280192	46082032	270.863	302.178
24)	L5 AR-1248-4	5.428	4.218	59653680	53471816	250.371	281.192
25)	L5 AR-1248-5	5.463	4.596	62189566	55053113	267.618	284.645
26)	L6 AR-1254-1	5.399	4.559	46019110	63442061	210.128	236.449
27)	L6 AR-1254-2	5.616	4.705	53565327	15287408	158.175	65.132 #
28)	L6 AR-1254-3	5.974	5.091	22572679	22944735	62.961	60.673
29)	L6 AR-1254-4	6.261	5.319	20047628	16980270	73.993	69.505
30)	L6 AR-1254-5	6.677	5.727	5360037	5630542	19.390	16.314
31)	L7 AR-1260-1	6.141	5.224	4569084	10340683	17.873	41.433 #
32)	L7 AR-1260-2	6.402	5.412	4225347	2800605	13.922	9.094 #
33)	L7 AR-1260-3	6.767	5.550	369081	2810842	1.751	9.071 #
34)	L7 AR-1260-4	6.985	6.023	686853	501507	2.866	2.045 #
35)	L7 AR-1260-5	7.287	6.268	684848	633246	1.460	1.159
36)	L8 AR-1262-1	6.767	5.811	369081	350702	1.143	2.456 #
37)	L8 AR-1262-2	7.287	6.023	684848	501507	1.262	1.605 #
38)	L8 AR-1262-3	7.568	6.550	438990	497866	1.215	1.975 #
39)	L8 AR-1262-4	7.617	6.612	99940	862923	0.357	1.846 #
40)	L8 AR-1262-5	8.147	7.102	1348450	267221	7.174	1.216 #
41)	L9 AR-1268-1	7.568	6.550	438990	497866	0.679	0.667

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082323\
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 Acq On : 23 Aug 2023 12:36
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

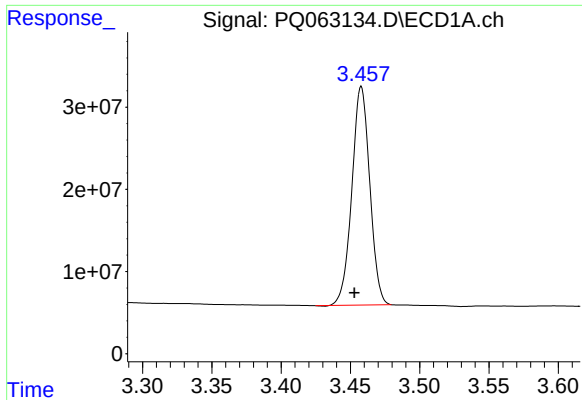
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 12:57:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 2023
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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	7.617	6.612	99940	862923	0.167	1.257 #
43) L9	AR-1268-3	7.831	6.811	1401524	1410106	2.847	2.403
44) L9	AR-1268-4	8.147	7.102	1348450	267221	6.285	1.049 #
45) L9	AR-1268-5	8.451	7.374	2010972	1663770	1.305	0.939 #

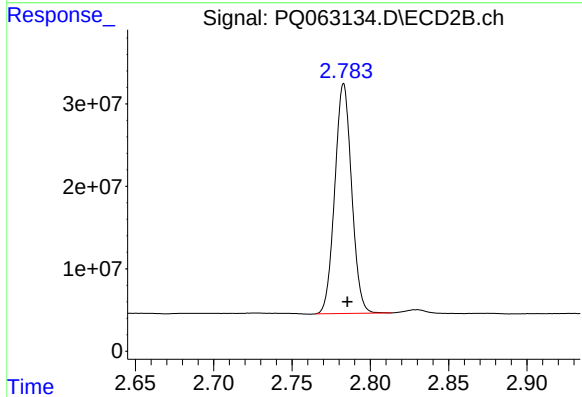
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

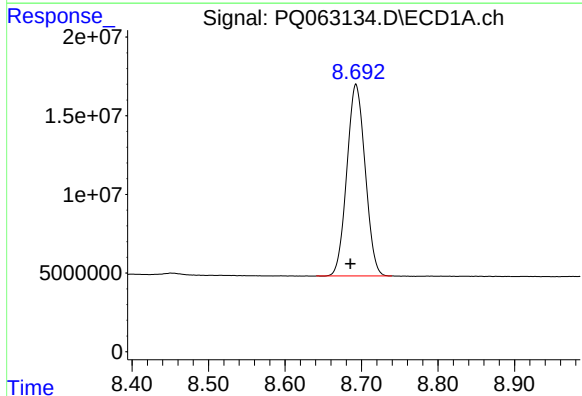
R.T.: 3.458 min
Delta R.T.: 0.005 min
Response: 239434177
Conc: 44.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



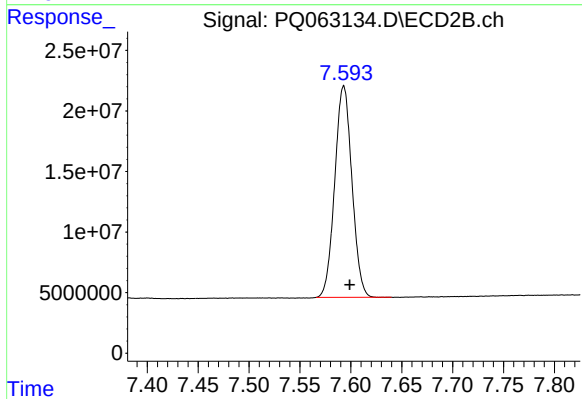
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 208630419
Conc: 50.59 ng/ml



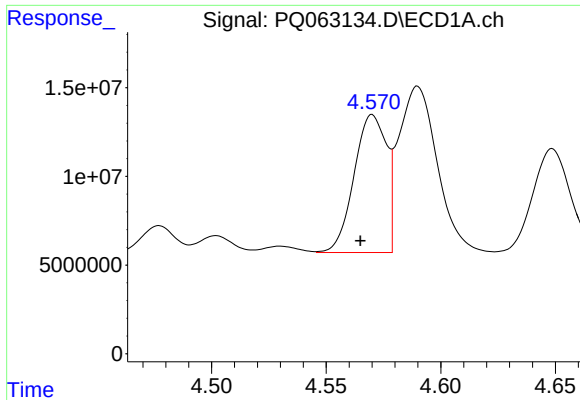
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: 0.007 min
Response: 203164908
Conc: 52.47 ng/ml



#2 Decachlorobiphenyl

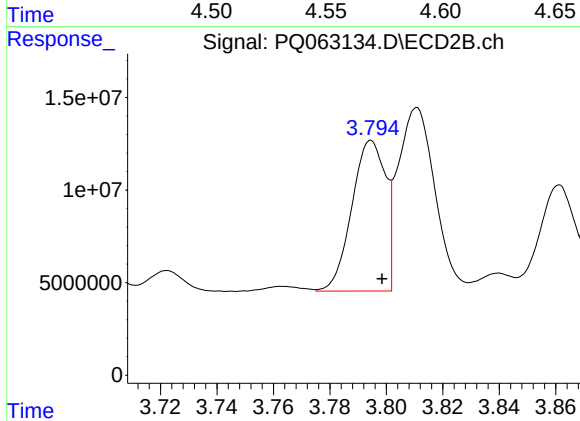
R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 205069151
Conc: 47.41 ng/ml



#3 AR-1016-1

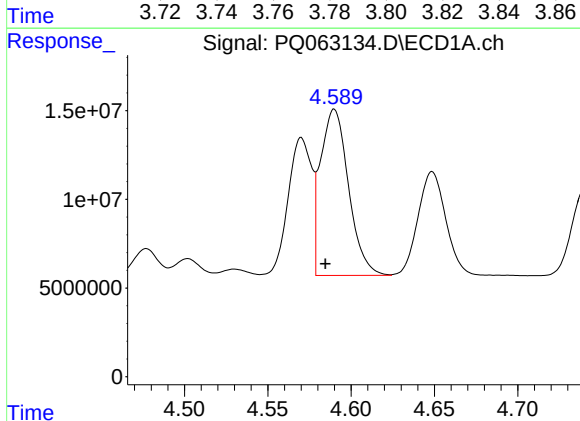
R.T.: 4.570 min
Delta R.T.: 0.005 min
Response: 76462117
Conc: 392.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



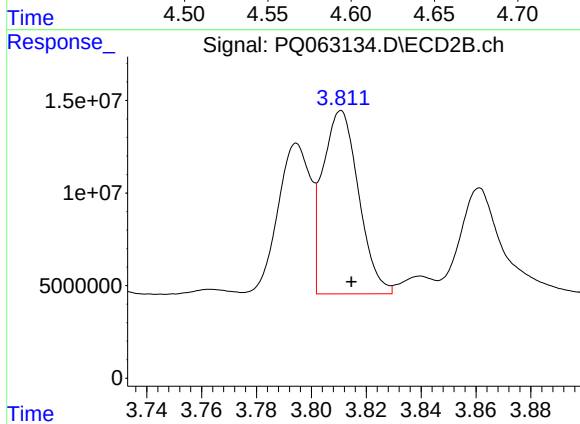
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 67155712
Conc: 421.39 ng/ml



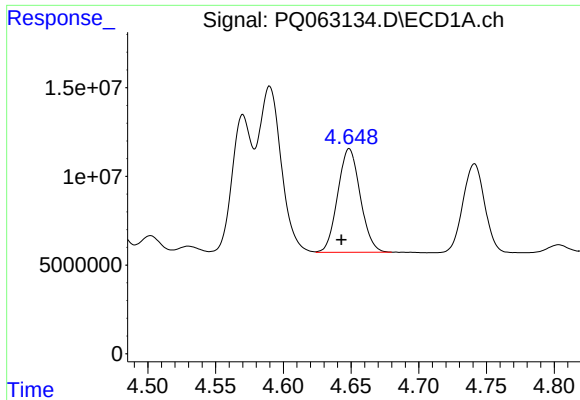
#4 AR-1016-2

R.T.: 4.590 min
Delta R.T.: 0.005 min
Response: 109679814
Conc: 395.28 ng/ml



#4 AR-1016-2

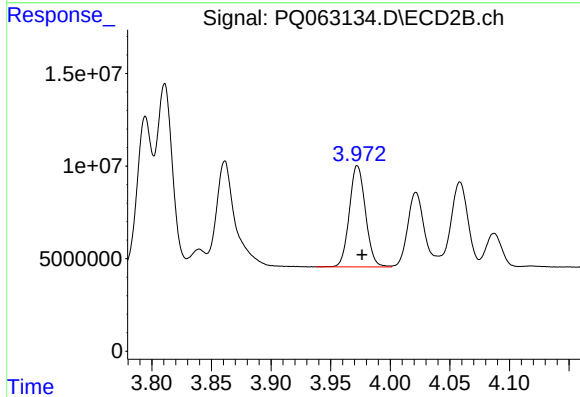
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 90003072
Conc: 421.22 ng/ml



#5 AR-1016-3

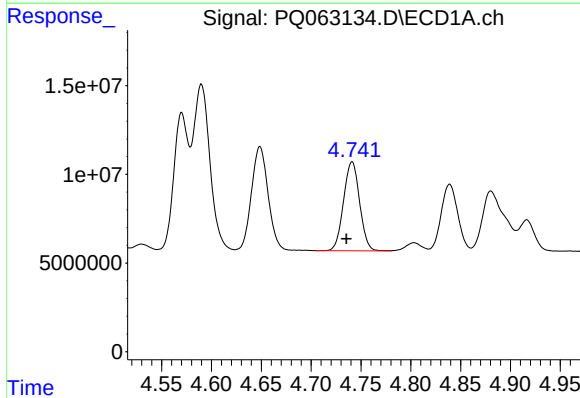
R.T.: 4.649 min
Delta R.T.: 0.006 min
Response: 67587345
Conc: 395.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



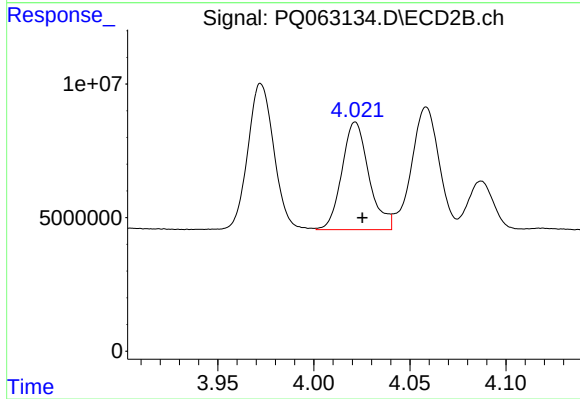
#5 AR-1016-3

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 51505096
Conc: 430.80 ng/ml



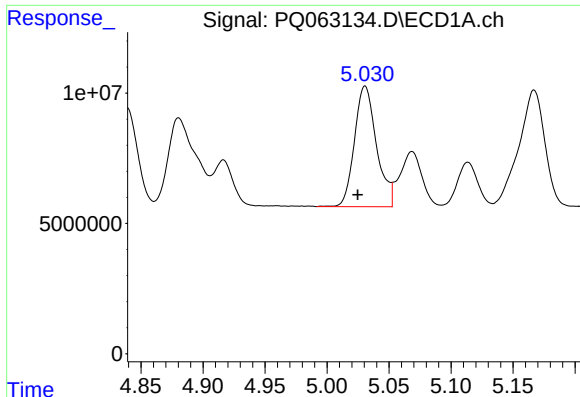
#6 AR-1016-4

R.T.: 4.741 min
Delta R.T.: 0.006 min
Response: 56379759
Conc: 400.63 ng/ml



#6 AR-1016-4

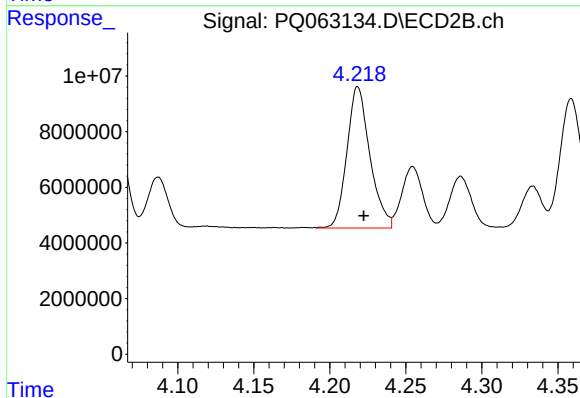
R.T.: 4.022 min
Delta R.T.: -0.004 min
Response: 39341718
Conc: 405.47 ng/ml



#7 AR-1016-5

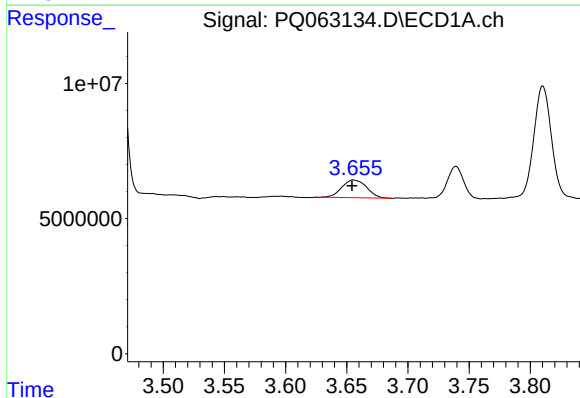
R.T.: 5.031 min
Delta R.T.: 0.006 min
Response: 57280192
Conc: 416.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



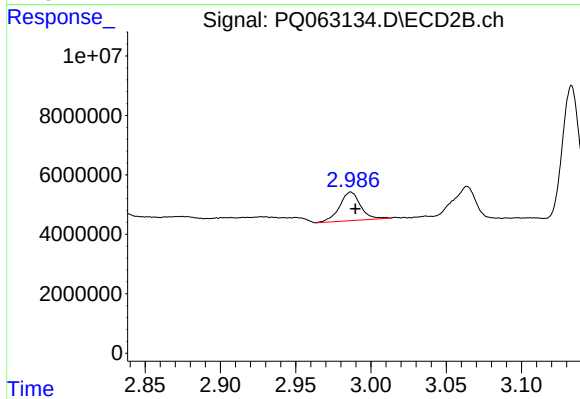
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 53471816
Conc: 424.92 ng/ml



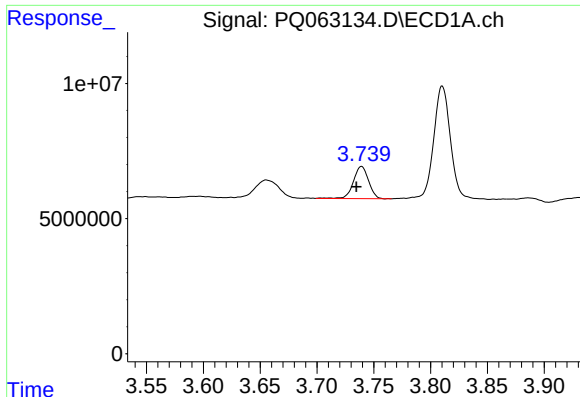
#8 AR-1221-1

R.T.: 3.656 min
Delta R.T.: 0.001 min
Response: 9234267
Conc: 135.71 ng/ml



#8 AR-1221-1

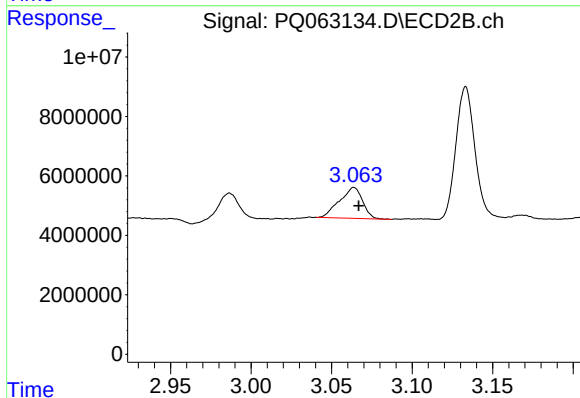
R.T.: 2.987 min
Delta R.T.: -0.003 min
Response: 9338658
Conc: 170.19 ng/ml



#9 AR-1221-2

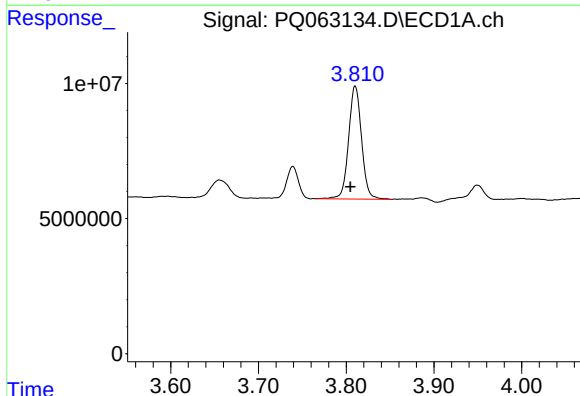
R.T.: 3.739 min
Delta R.T.: 0.005 min
Response: 11087248
Conc: 232.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



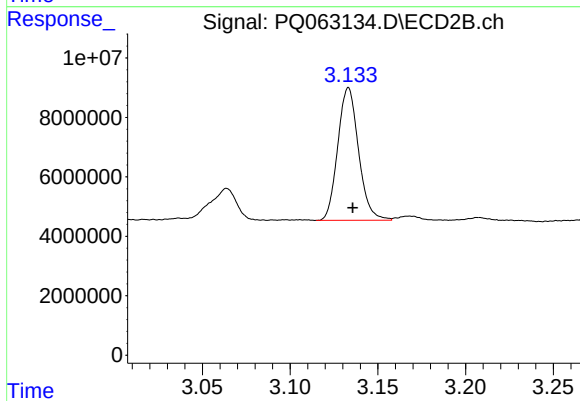
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 10354367
Conc: 274.51 ng/ml



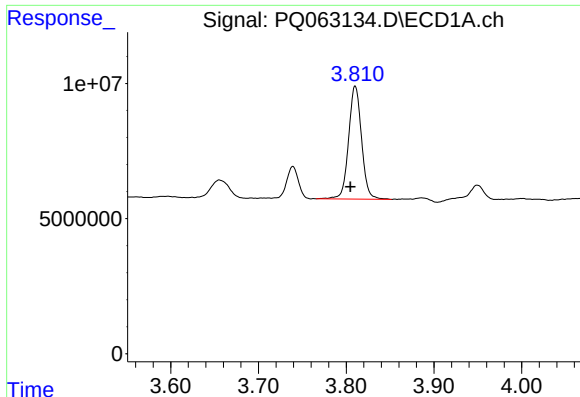
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: 0.005 min
Response: 43000895
Conc: 278.63 ng/ml



#10 AR-1221-3

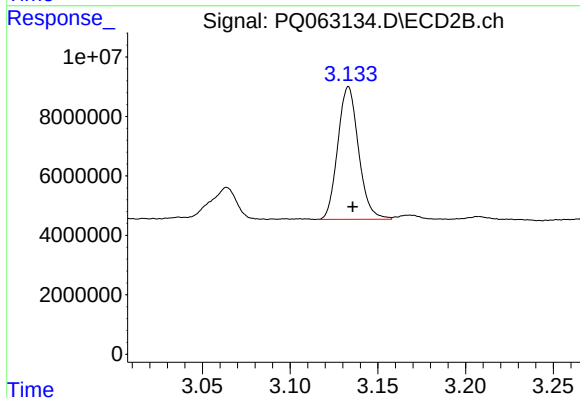
R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 36864631
Conc: 306.38 ng/ml



#11 AR-1232-1

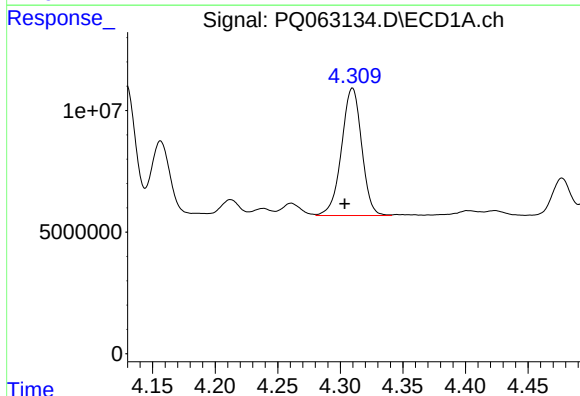
R.T.: 3.810 min
Delta R.T.: 0.005 min
Response: 43000895
Conc: 332.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



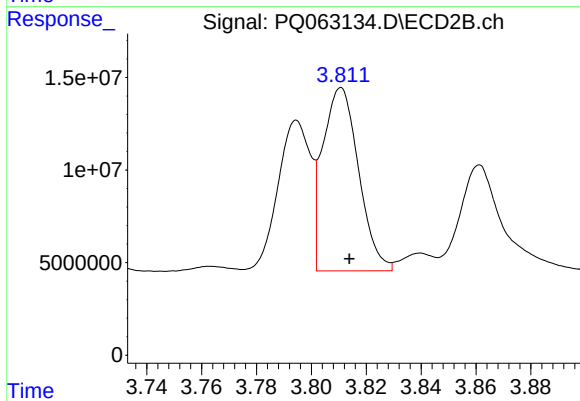
#11 AR-1232-1

R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 36864631
Conc: 378.35 ng/ml



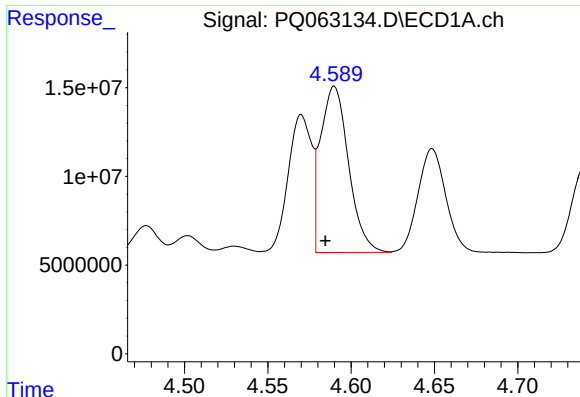
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: 0.006 min
Response: 58656964
Conc: 841.03 ng/ml



#12 AR-1232-2

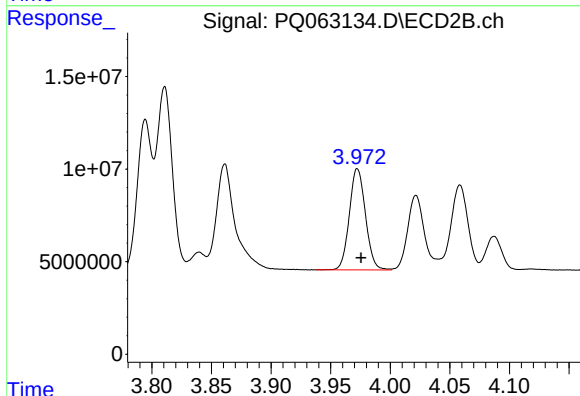
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 90003072
Conc: 925.26 ng/ml



#13 AR-1232-3

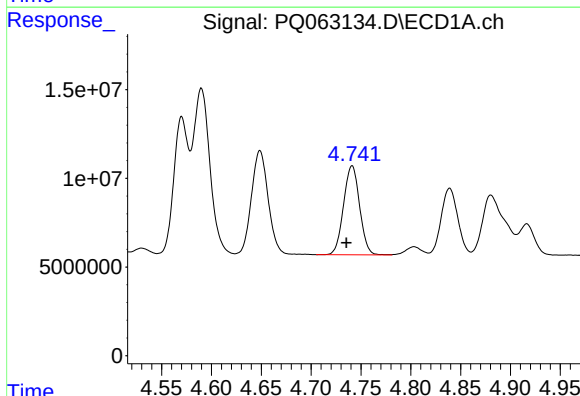
R.T.: 4.590 min
Delta R.T.: 0.006 min
Response: 109679814
Conc: 897.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



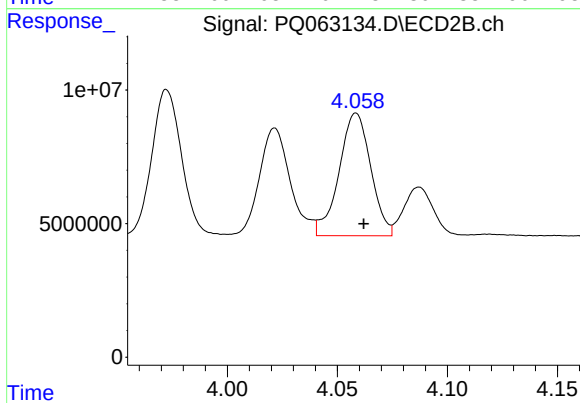
#13 AR-1232-3

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 51505096
Conc: 970.02 ng/ml



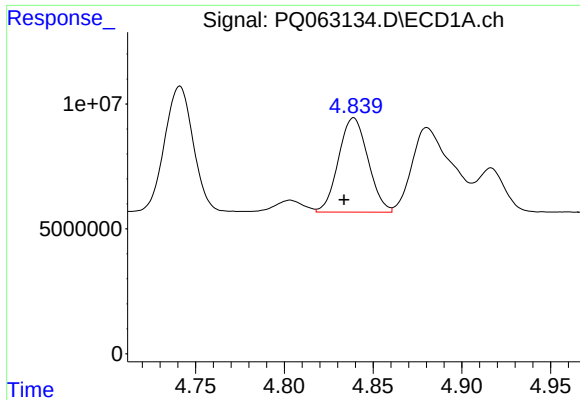
#14 AR-1232-4

R.T.: 4.741 min
Delta R.T.: 0.006 min
Response: 56379759
Conc: 934.38 ng/ml



#14 AR-1232-4

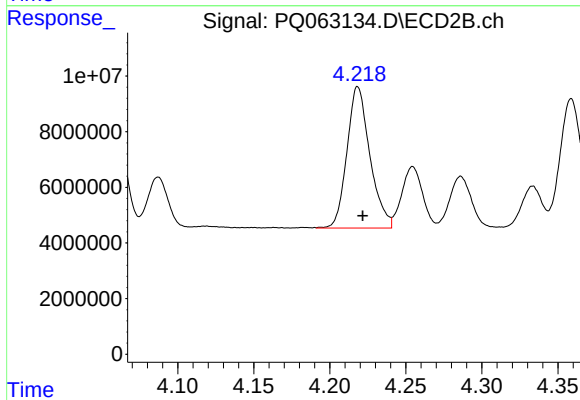
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 46082032
Conc: 1004.01 ng/ml



#15 AR-1232-5

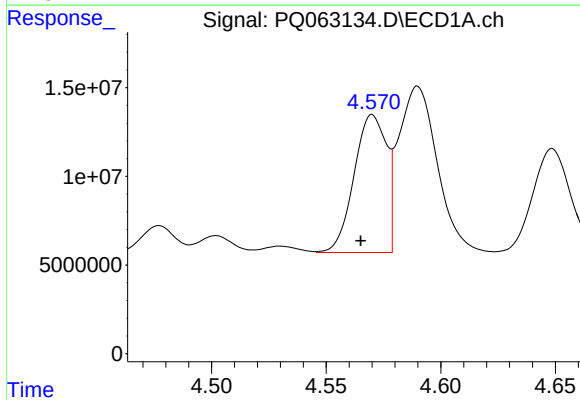
R.T.: 4.839 min
Delta R.T.: 0.005 min
Response: 43633956
Conc: 999.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



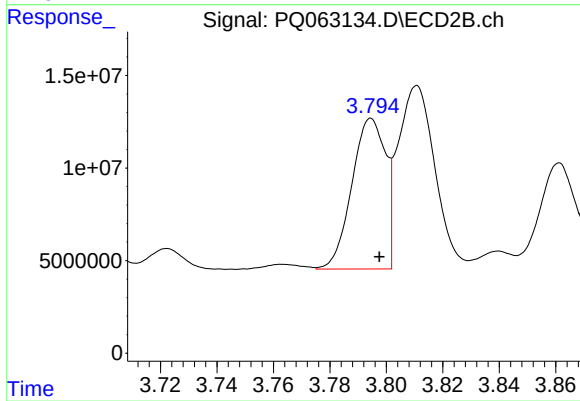
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 53471816
Conc: 986.15 ng/ml



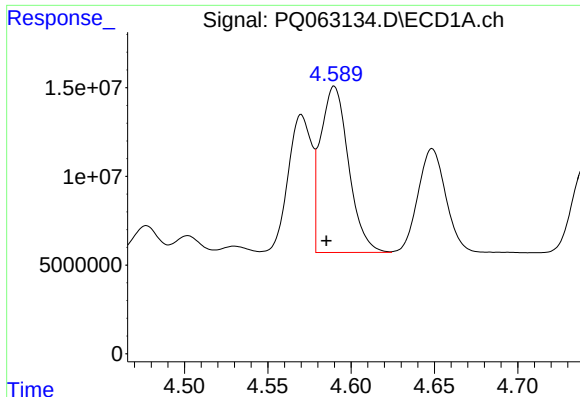
#16 AR-1242-1

R.T.: 4.570 min
Delta R.T.: 0.005 min
Response: 76462117
Conc: 453.03 ng/ml



#16 AR-1242-1

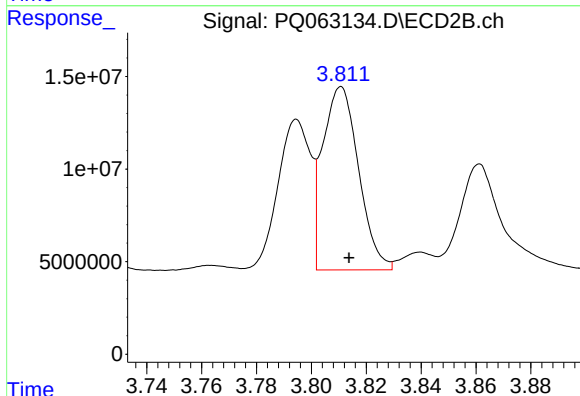
R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 67155712
Conc: 465.01 ng/ml



#17 AR-1242-2

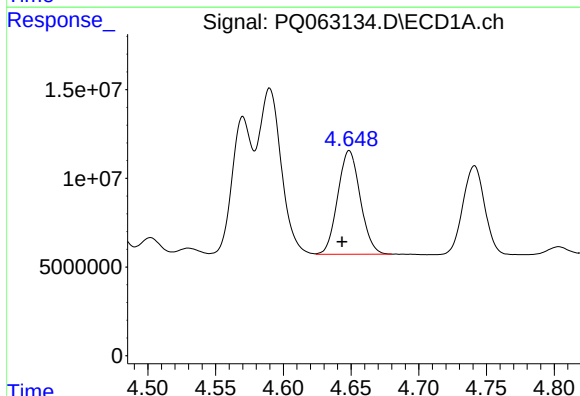
R.T.: 4.590 min
Delta R.T.: 0.005 min
Response: 109679814
Conc: 454.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



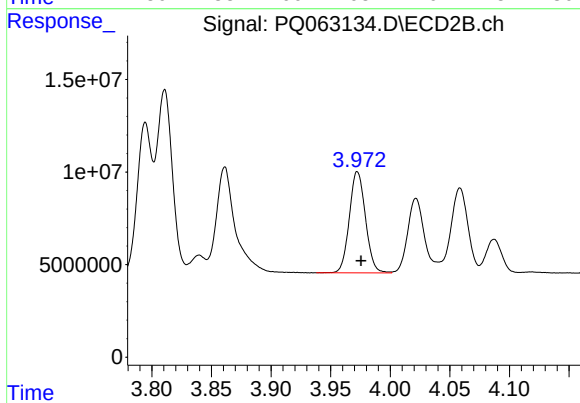
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 90003072
Conc: 473.75 ng/ml



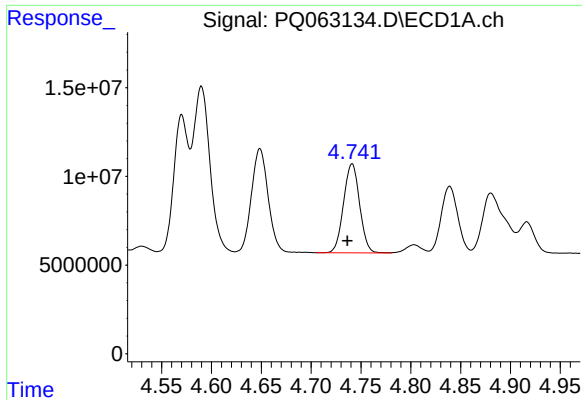
#18 AR-1242-3

R.T.: 4.649 min
Delta R.T.: 0.005 min
Response: 67587345
Conc: 461.41 ng/ml



#18 AR-1242-3

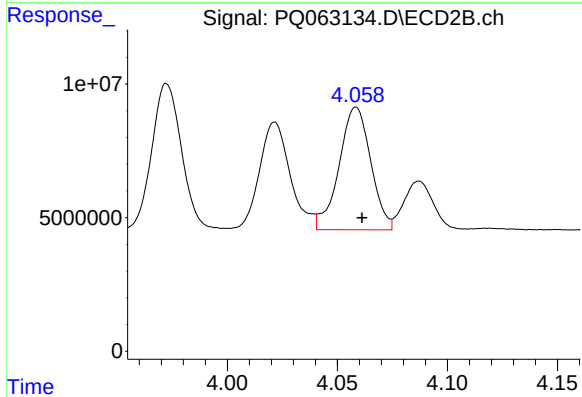
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 51505096
Conc: 477.21 ng/ml



#19 AR-1242-4

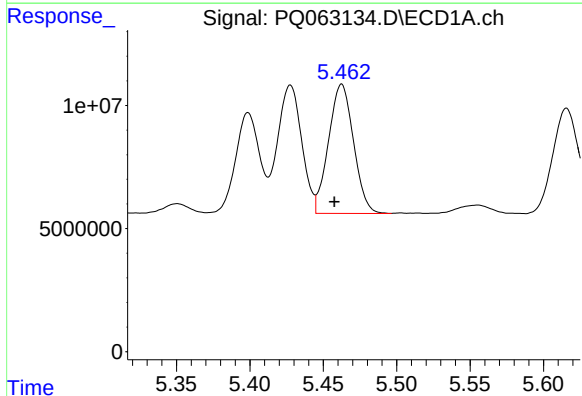
R.T.: 4.741 min
Delta R.T.: 0.005 min
Response: 56379759
Conc: 455.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



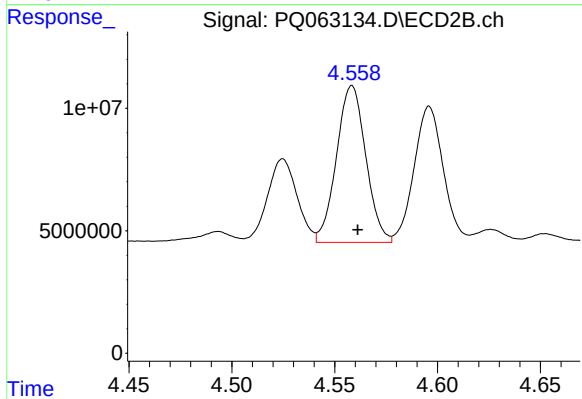
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 46082032
Conc: 462.54 ng/ml



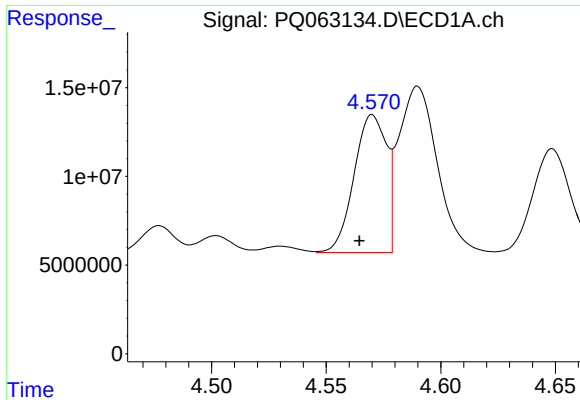
#20 AR-1242-5

R.T.: 5.463 min
Delta R.T.: 0.005 min
Response: 62189566
Conc: 470.57 ng/ml



#20 AR-1242-5

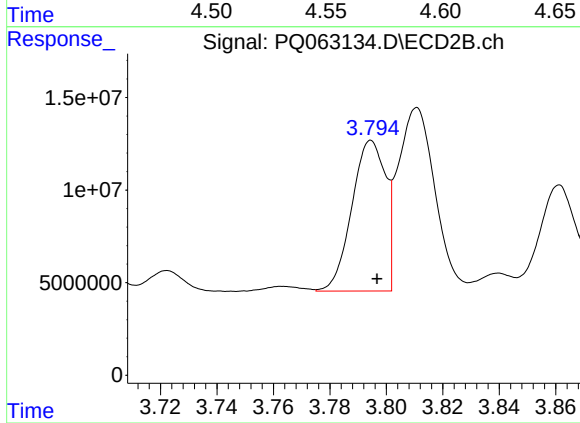
R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 63442061
Conc: 469.23 ng/ml



#21 AR-1248-1

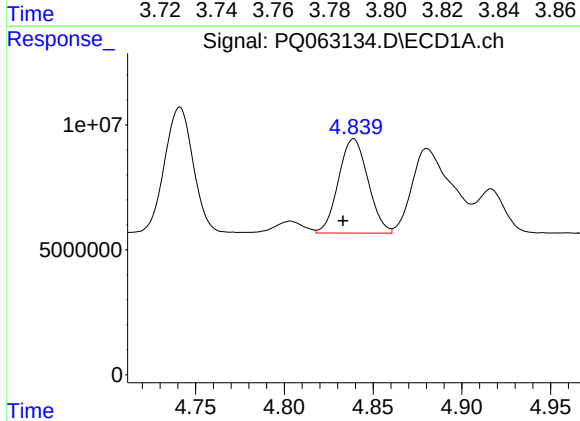
R.T.: 4.570 min
Delta R.T.: 0.006 min
Response: 76462117
Conc: 574.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



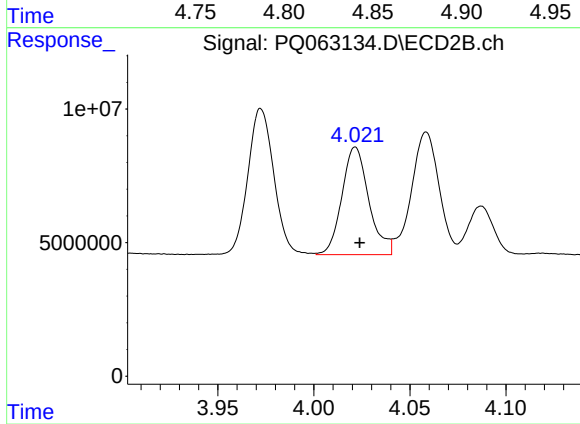
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 67155712
Conc: 601.17 ng/ml



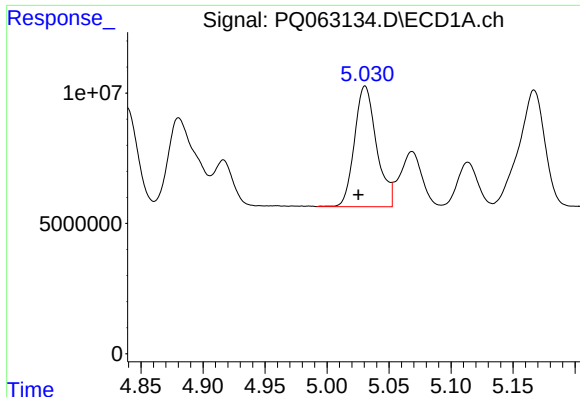
#22 AR-1248-2

R.T.: 4.839 min
Delta R.T.: 0.006 min
Response: 43633956
Conc: 249.69 ng/ml



#22 AR-1248-2

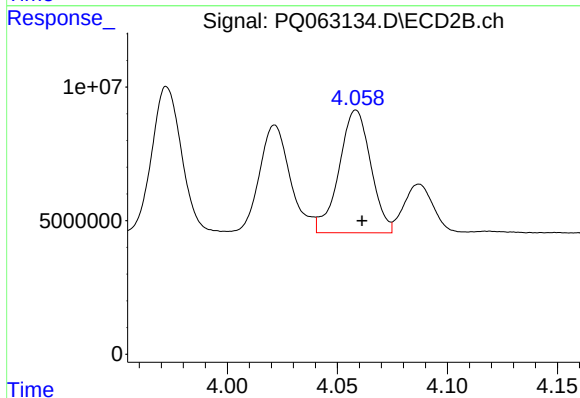
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 39341718
Conc: 249.13 ng/ml



#23 AR-1248-3

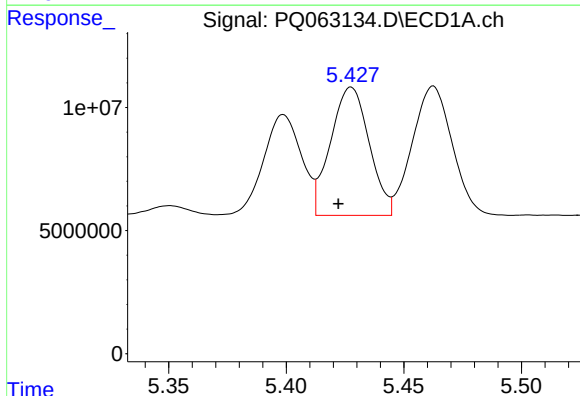
R.T.: 5.031 min
Delta R.T.: 0.005 min
Response: 57280192
Conc: 270.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



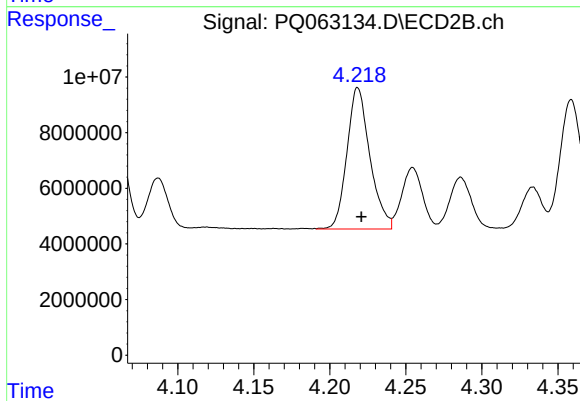
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 46082032
Conc: 302.18 ng/ml



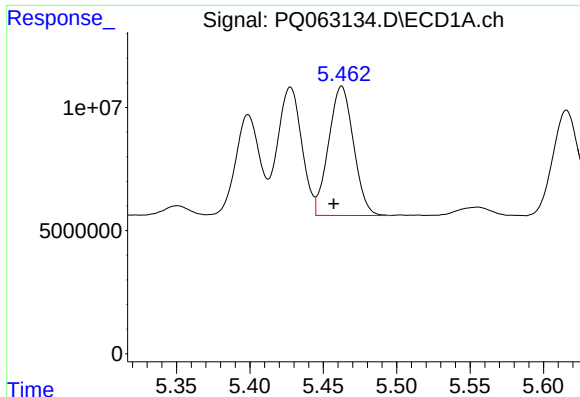
#24 AR-1248-4

R.T.: 5.428 min
Delta R.T.: 0.005 min
Response: 59653680
Conc: 250.37 ng/ml



#24 AR-1248-4

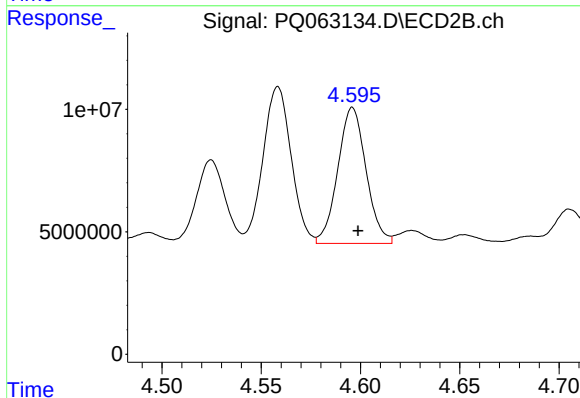
R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 53471816
Conc: 281.19 ng/ml



#25 AR-1248-5

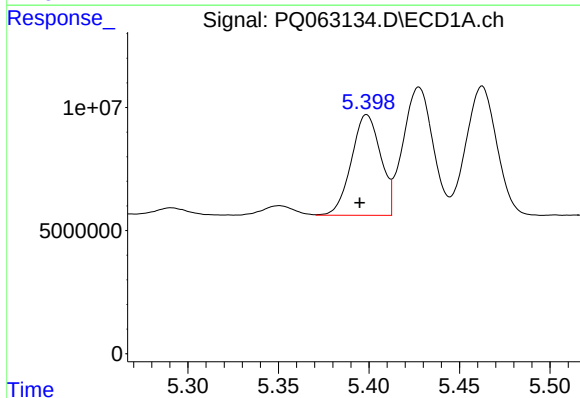
R.T.: 5.463 min
Delta R.T.: 0.005 min
Response: 62189566
Conc: 267.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



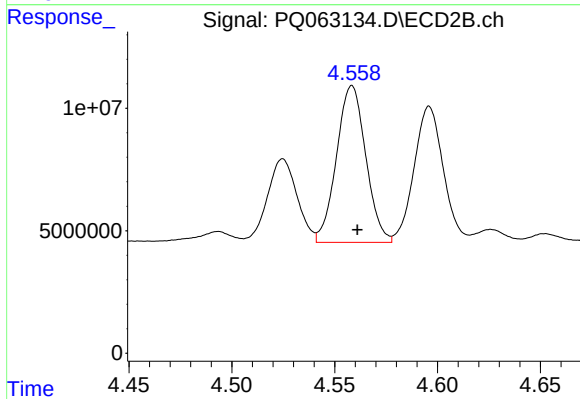
#25 AR-1248-5

R.T.: 4.596 min
Delta R.T.: -0.003 min
Response: 55053113
Conc: 284.65 ng/ml



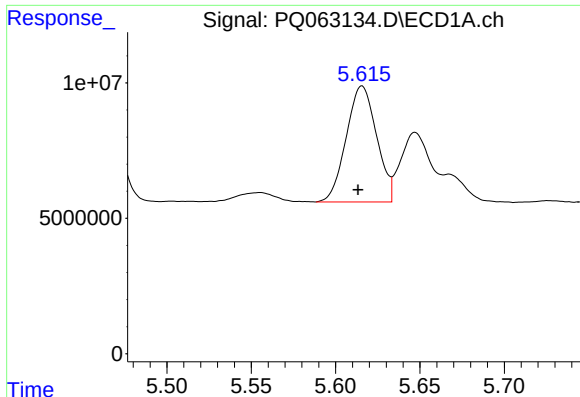
#26 AR-1254-1

R.T.: 5.399 min
Delta R.T.: 0.004 min
Response: 46019110
Conc: 210.13 ng/ml



#26 AR-1254-1

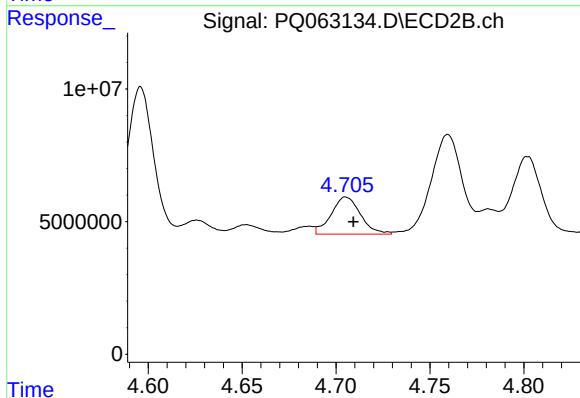
R.T.: 4.559 min
Delta R.T.: -0.003 min
Response: 63442061
Conc: 236.45 ng/ml



#27 AR-1254-2

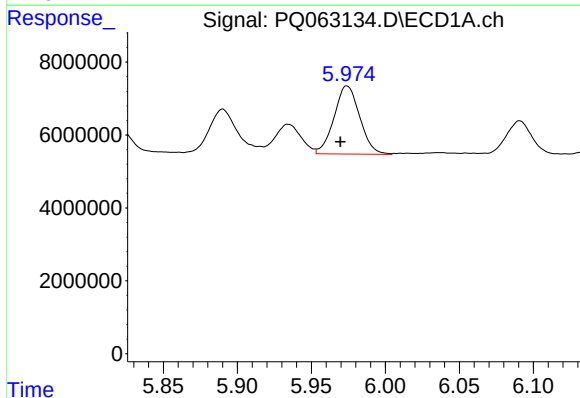
R.T.: 5.616 min
Delta R.T.: 0.002 min
Response: 53565327
Conc: 158.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



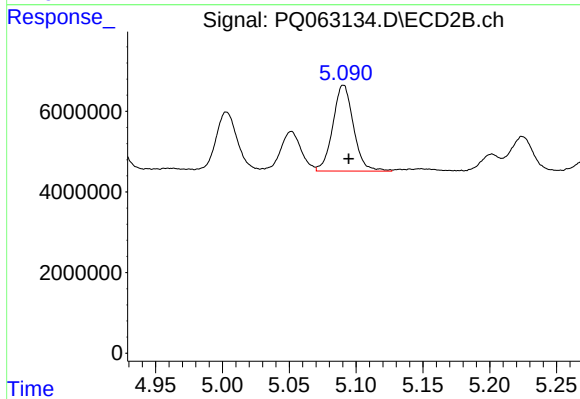
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 15287408
Conc: 65.13 ng/ml



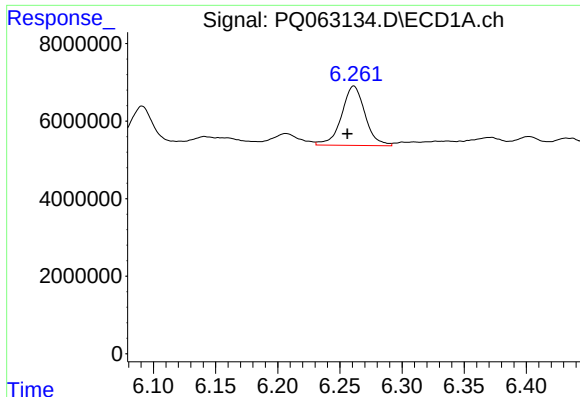
#28 AR-1254-3

R.T.: 5.974 min
Delta R.T.: 0.005 min
Response: 22572679
Conc: 62.96 ng/ml



#28 AR-1254-3

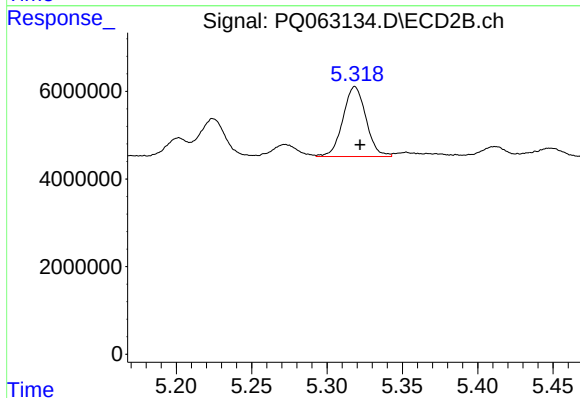
R.T.: 5.091 min
Delta R.T.: -0.004 min
Response: 22944735
Conc: 60.67 ng/ml



#29 AR-1254-4

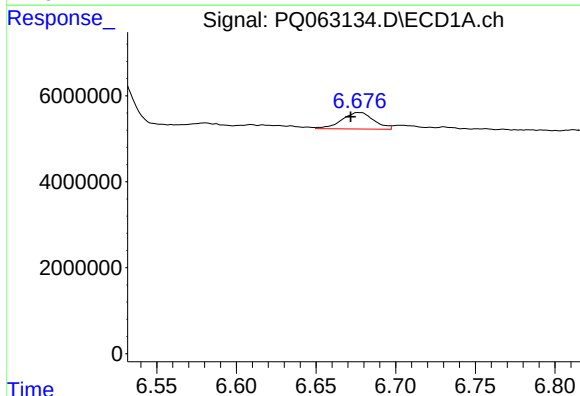
R.T.: 6.261 min
Delta R.T.: 0.005 min
Response: 20047628
Conc: 73.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



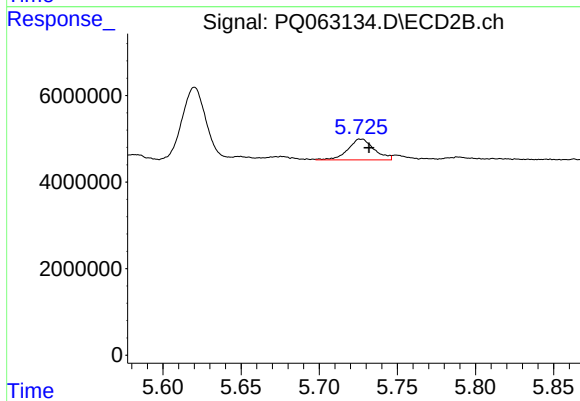
#29 AR-1254-4

R.T.: 5.319 min
Delta R.T.: -0.003 min
Response: 16980270
Conc: 69.51 ng/ml



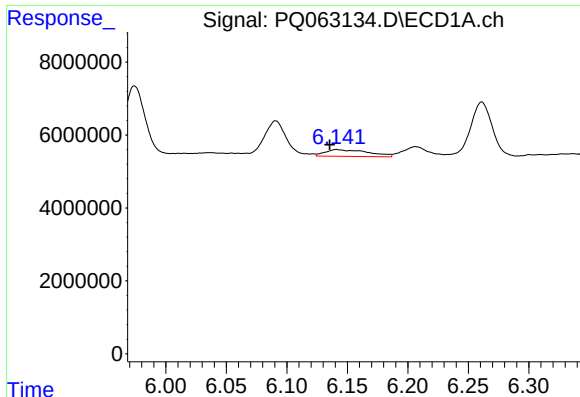
#30 AR-1254-5

R.T.: 6.677 min
Delta R.T.: 0.005 min
Response: 5360037
Conc: 19.39 ng/ml



#30 AR-1254-5

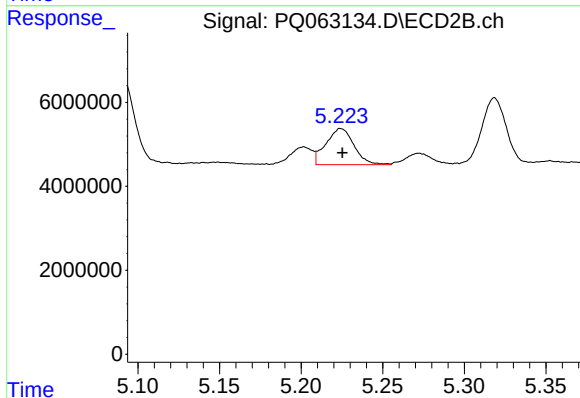
R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 5630542
Conc: 16.31 ng/ml



#31 AR-1260-1

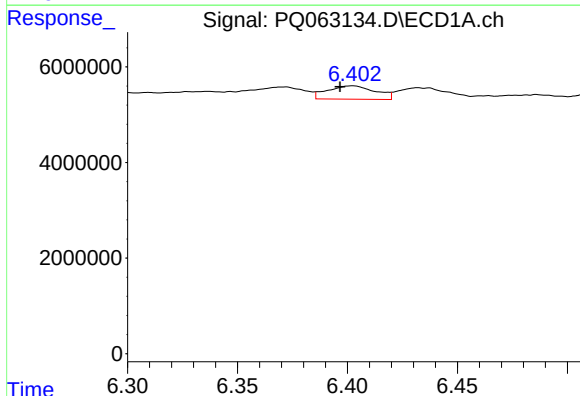
R.T.: 6.141 min
Delta R.T.: 0.006 min
Response: 4569084
Conc: 17.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



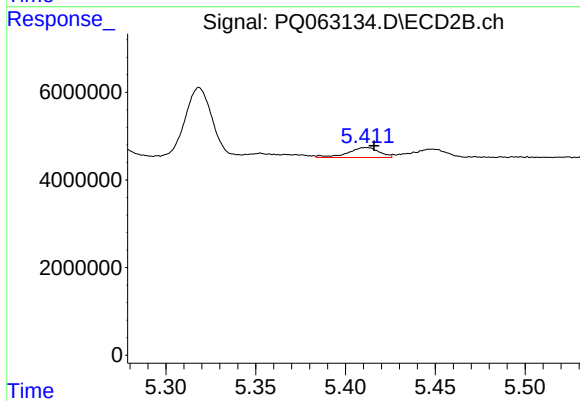
#31 AR-1260-1

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 10340683
Conc: 41.43 ng/ml



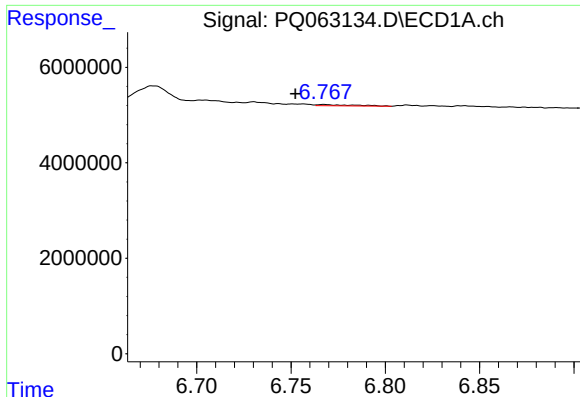
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.005 min
Response: 4225347
Conc: 13.92 ng/ml



#32 AR-1260-2

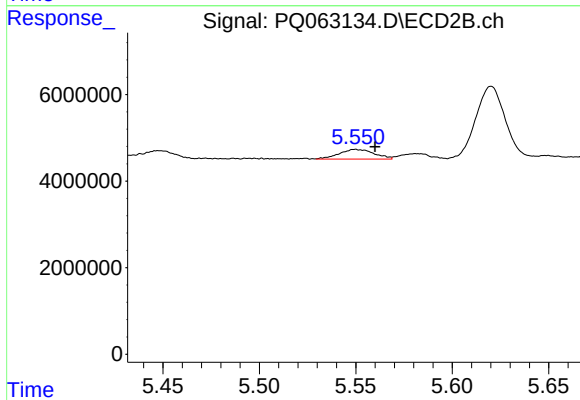
R.T.: 5.412 min
Delta R.T.: -0.005 min
Response: 2800605
Conc: 9.09 ng/ml



#33 AR-1260-3

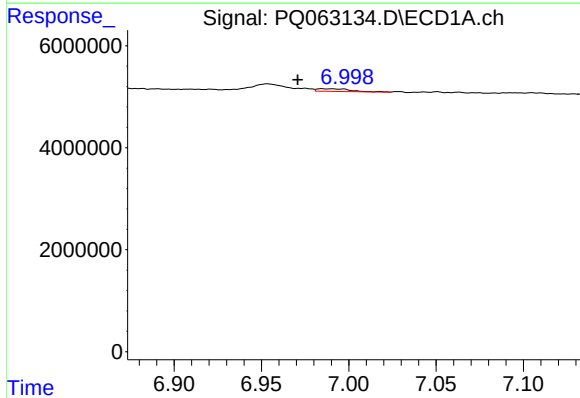
R.T.: 6.767 min
Delta R.T.: 0.015 min
Response: 369081
Conc: 1.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



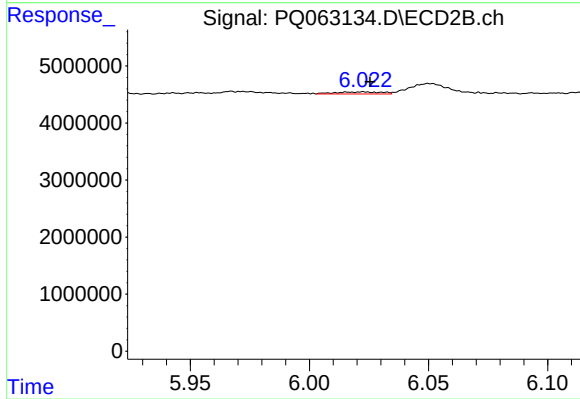
#33 AR-1260-3

R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 2810842
Conc: 9.07 ng/ml



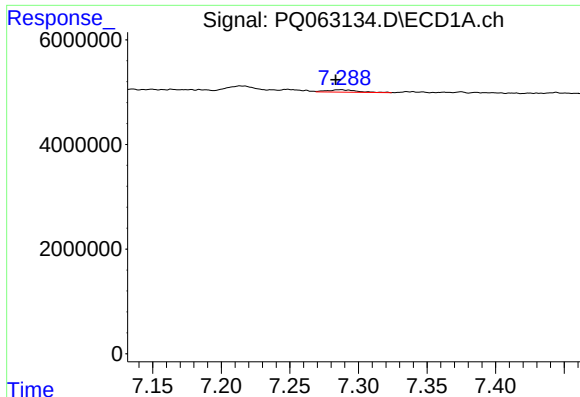
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: 0.014 min
Response: 686853
Conc: 2.87 ng/ml



#34 AR-1260-4

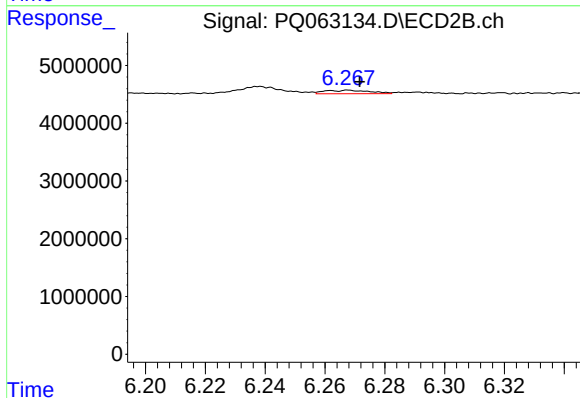
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 501507
Conc: 2.05 ng/ml



#35 AR-1260-5

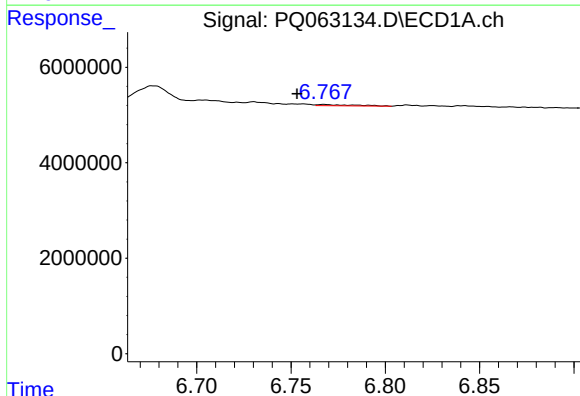
R.T.: 7.287 min
Delta R.T.: 0.004 min
Response: 684848
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



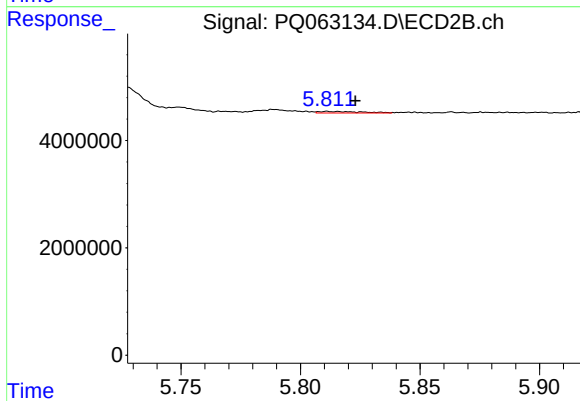
#35 AR-1260-5

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 633246
Conc: 1.16 ng/ml



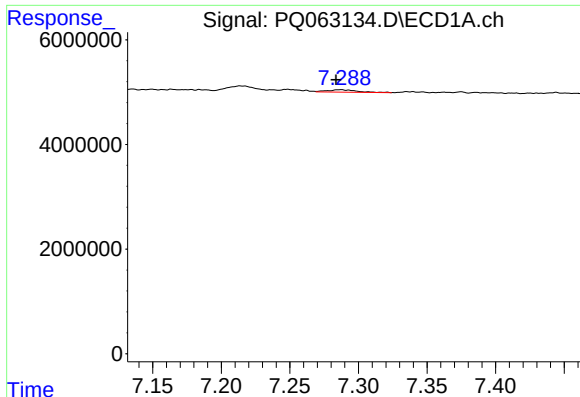
#36 AR-1262-1

R.T.: 6.767 min
Delta R.T.: 0.014 min
Response: 369081
Conc: 1.14 ng/ml



#36 AR-1262-1

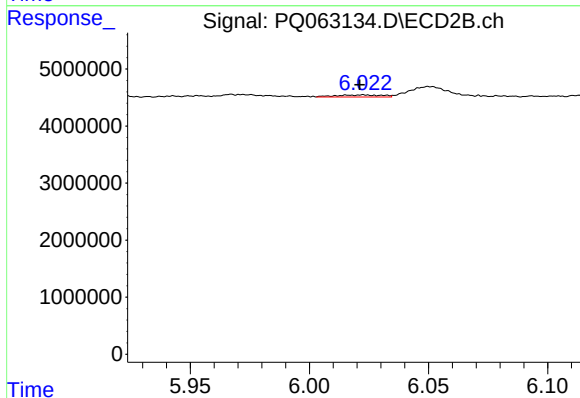
R.T.: 5.811 min
Delta R.T.: -0.012 min
Response: 350702
Conc: 2.46 ng/ml



#37 AR-1262-2

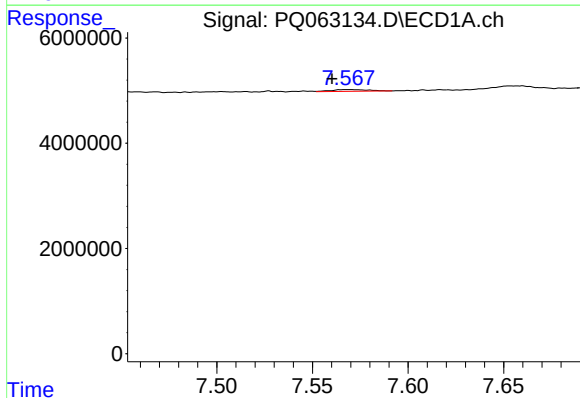
R.T.: 7.287 min
Delta R.T.: 0.003 min
Response: 684848
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



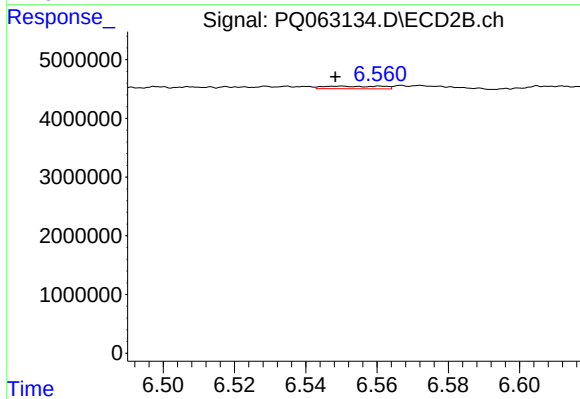
#37 AR-1262-2

R.T.: 6.023 min
Delta R.T.: 0.002 min
Response: 501507
Conc: 1.60 ng/ml



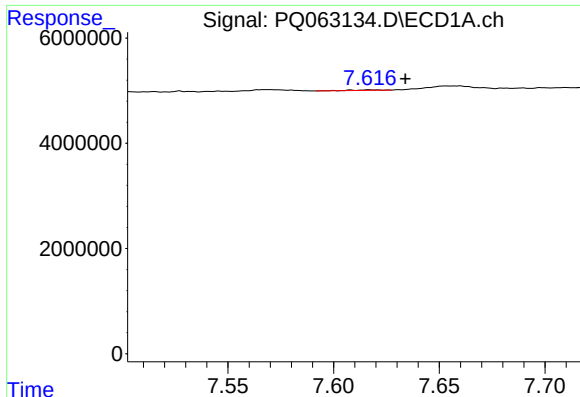
#38 AR-1262-3

R.T.: 7.568 min
Delta R.T.: 0.008 min
Response: 438990
Conc: 1.22 ng/ml



#38 AR-1262-3

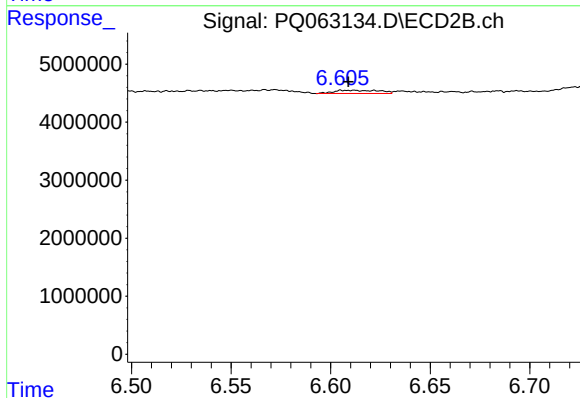
R.T.: 6.550 min
Delta R.T.: 0.001 min
Response: 497866
Conc: 1.97 ng/ml



#39 AR-1262-4

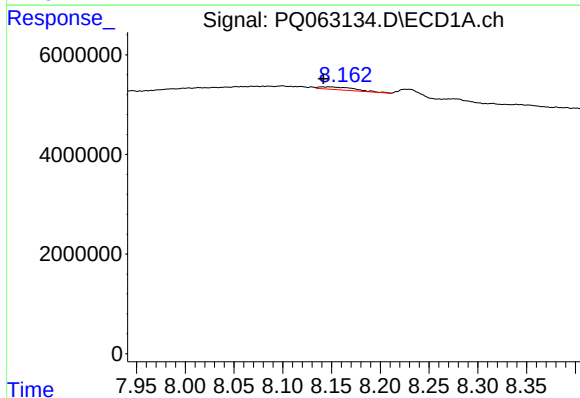
R.T.: 7.617 min
Delta R.T.: -0.017 min
Response: 99940
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



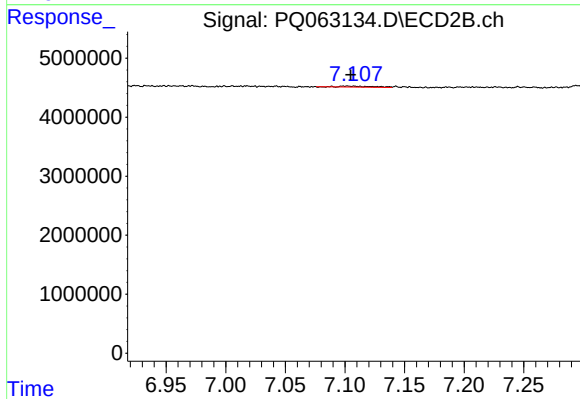
#39 AR-1262-4

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 862923
Conc: 1.85 ng/ml



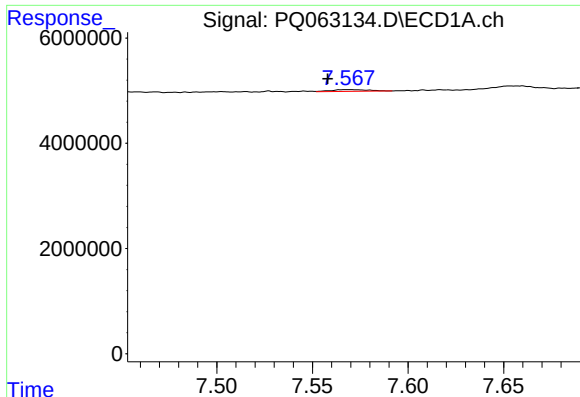
#40 AR-1262-5

R.T.: 8.147 min
Delta R.T.: 0.006 min
Response: 1348450
Conc: 7.17 ng/ml



#40 AR-1262-5

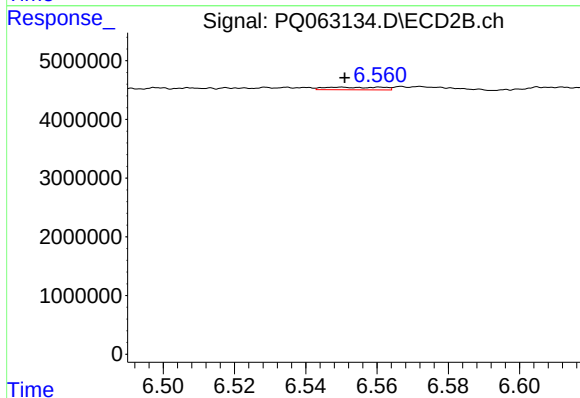
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 267221
Conc: 1.22 ng/ml



#41 AR-1268-1

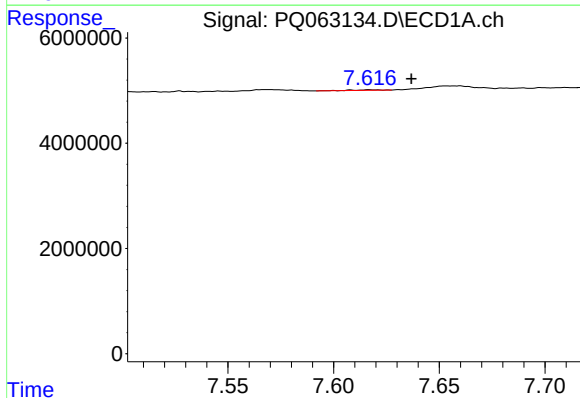
R.T.: 7.568 min
Delta R.T.: 0.010 min
Response: 438990
Conc: 0.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



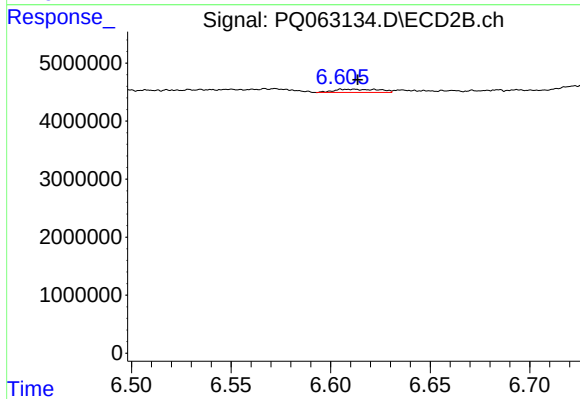
#41 AR-1268-1

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 497866
Conc: 0.67 ng/ml



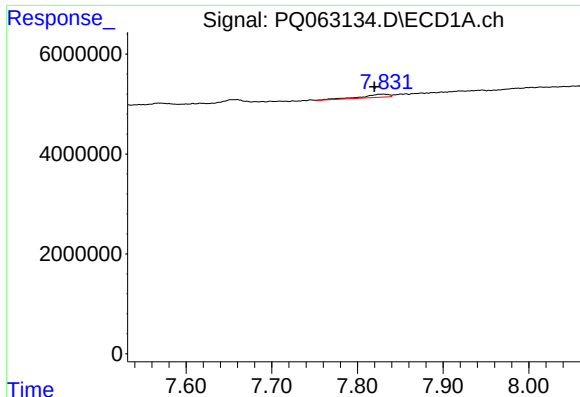
#42 AR-1268-2

R.T.: 7.617 min
Delta R.T.: -0.020 min
Response: 99940
Conc: 0.17 ng/ml



#42 AR-1268-2

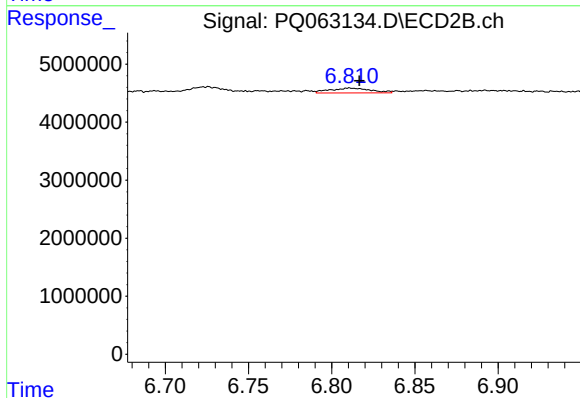
R.T.: 6.612 min
Delta R.T.: -0.002 min
Response: 862923
Conc: 1.26 ng/ml



#43 AR-1268-3

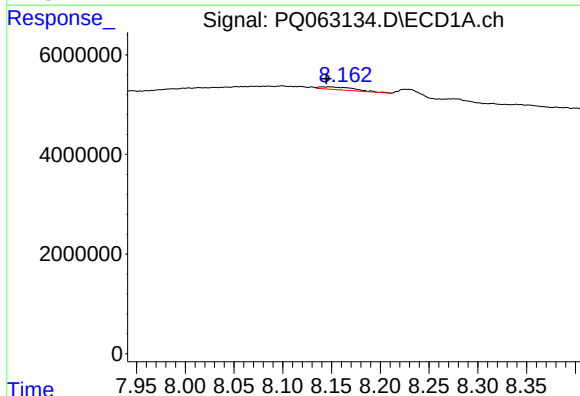
R.T.: 7.831 min
Delta R.T.: 0.011 min
Response: 1401524
Conc: 2.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



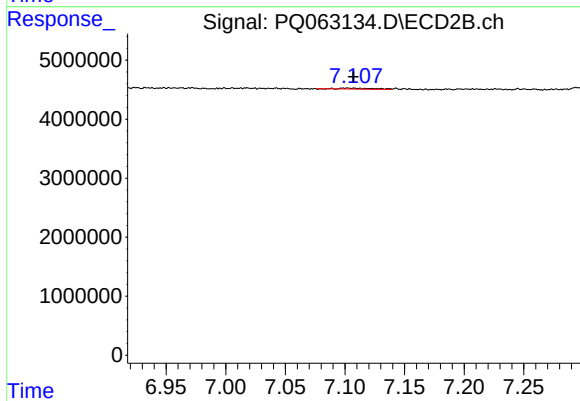
#43 AR-1268-3

R.T.: 6.811 min
Delta R.T.: -0.006 min
Response: 1410106
Conc: 2.40 ng/ml



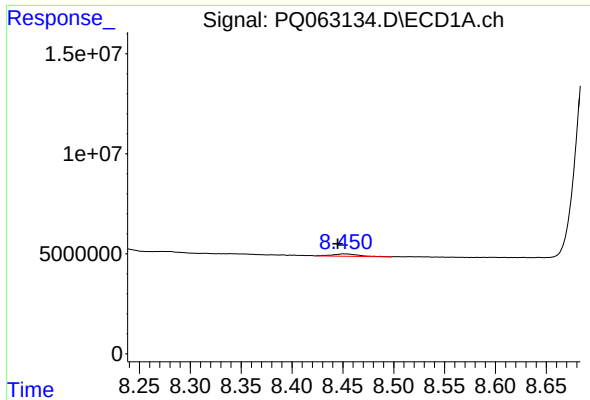
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: 0.003 min
Response: 1348450
Conc: 6.29 ng/ml



#44 AR-1268-4

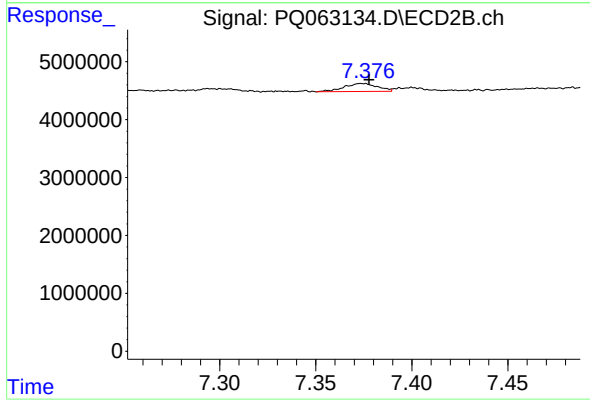
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 267221
Conc: 1.05 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.006 min
Response: 2010972
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.374 min
Delta R.T.: -0.004 min
Response: 1663770
Conc: 0.94 ng/ml