

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072723\
 Data File : PQ062746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2023 01:15
 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 28 02:50:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 27 01:22:50 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	226.9E6	169.7E6	50.334	55.768
2)	SA Decachlor...	8.581	7.522	179.2E6	155.1E6	48.577	47.685
Target Compounds							
3)	L1 AR-1016-1	4.502	3.755	1560069	1774035	10.599	17.914 #
4)	L1 AR-1016-2	4.523	3.771	2634165	1495273	11.576	10.099
5)	L1 AR-1016-3	4.580	3.930	1433863	808250	10.158	10.247
6)	L1 AR-1016-4	4.670	3.980	1405410	36820530	12.169	561.402 #
7)	L1 AR-1016-5	4.958	4.174	30312087	27504666	261.471	341.753 #
8)	L2 AR-1221-1	3.595	2.958	60559	129364	1.063	3.141 #
9)	L2 AR-1221-2	3.679	3.023	3335200	2470209	84.107	80.757
10)	L2 AR-1221-3	3.750	3.102	1587928	855799	11.796	8.773 #
11)	L3 AR-1232-1	3.750	3.102	1587928	855799	14.112	10.844
12)	L3 AR-1232-2	4.242	3.771	1214154	1495273	21.154	21.499
13)	L3 AR-1232-3	4.523	3.930	2634165	808250	25.803	22.865
14)	L3 AR-1232-4	4.670	4.016	1405410	12570293	27.131	417.234 #
15)	L3 AR-1232-5	4.768	4.174	49491211	27504666	1302.659	743.036 #
16)	L4 AR-1242-1	4.502	3.755	1560069	1774035	12.090	19.801 #
17)	L4 AR-1242-2	4.523	3.771	2634165	1495273	13.089	11.351
18)	L4 AR-1242-3	4.580	3.930	1433863	808250	11.379	11.603
19)	L4 AR-1242-4	4.670	4.016	1405410	12570293	13.578	195.678 #
20)	L4 AR-1242-5	5.391	4.510	20358714	85014654	181.457	1034.195 #
21)	L5 AR-1248-1	4.502	3.755	1560069	1774035	15.925	26.483 #
22)	L5 AR-1248-2	4.768	3.980	49491211	36820530	359.838	392.350
23)	L5 AR-1248-3	4.958	4.016	30312087	12570293	180.681	140.355
24)	L5 AR-1248-4	5.352	4.174	44941062	27504666	236.289	248.102
25)	L5 AR-1248-5	5.391	4.548	20358714	12522800	108.739	112.712
26)	L6 AR-1254-1	5.325	4.510	90664243	85014654	468.389	512.843
27)	L6 AR-1254-2	5.542	4.657	139.0E6	71920133	453.540	496.726
28)	L6 AR-1254-3	5.896	5.038	149.1E6	110.1E6	455.931	485.392
29)	L6 AR-1254-4	6.181	5.265	115.4E6	72858956	474.204	492.214
30)	L6 AR-1254-5	6.594	5.670	118.9E6	101.7E6	455.491	486.252
31)	L7 AR-1260-1	6.061	5.168	57011538	55065537	246.266	357.361 #
32)	L7 AR-1260-2	6.322	5.358	65446707	47202471	232.958	251.829
33)	L7 AR-1260-3	6.675	5.494	4246119	46728215	21.111	262.094 #
34)	L7 AR-1260-4	6.871	5.960	46716176	5116083	203.313	34.336 #
35)	L7 AR-1260-5	7.204	6.207	15503201	12533760	33.622	37.230
36)	L8 AR-1262-1	6.675	5.733	4246119	8857993	13.740	41.236 #
37)	L8 AR-1262-2	7.204	5.960	15503201	5116083	28.570	25.834
38)	L8 AR-1262-3	7.484	6.482	13579363	894924	37.254	5.486 #
39)	L8 AR-1262-4	7.574	6.539	1506351	12388281	5.398	41.337 #
40)	L8 AR-1262-5	8.059	7.039	921318	1268480	4.938	8.430 #
41)	L9 AR-1268-1	7.484	6.482	13579363	894924	21.390	1.887 #

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 Acq On : 28 Jul 2023 01:15
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

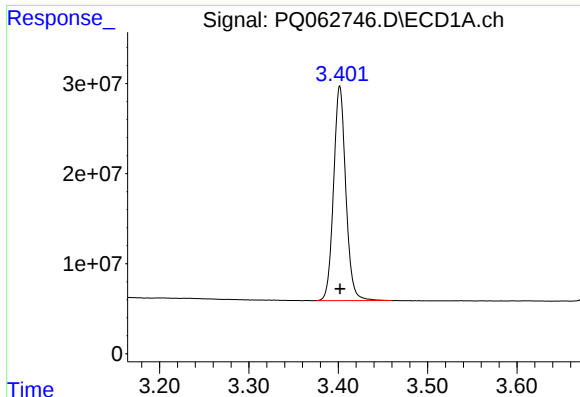
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 02:50:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072623.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	7.574	6.539	1506351	12388281	2.611	28.624 #
43) L9	AR-1268-3	7.731	6.749	539040	586963	1.116	1.543 #
44) L9	AR-1268-4	8.059	7.039	921318	1268480	4.373	7.620 #
45) L9	AR-1268-5	8.348	7.308	1375250	2234489	0.952	1.815 #

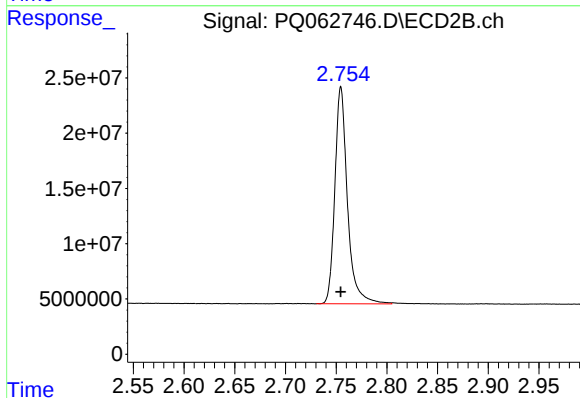
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

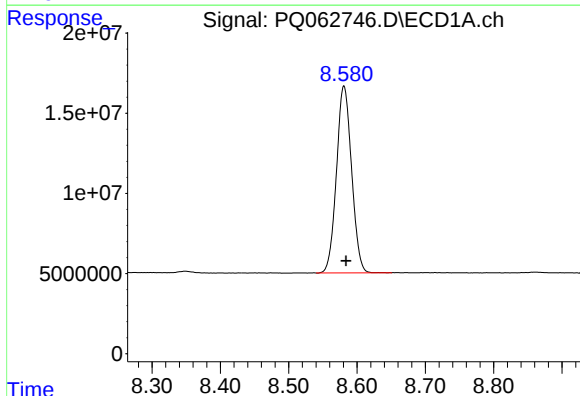
R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 226907347
Conc: 50.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



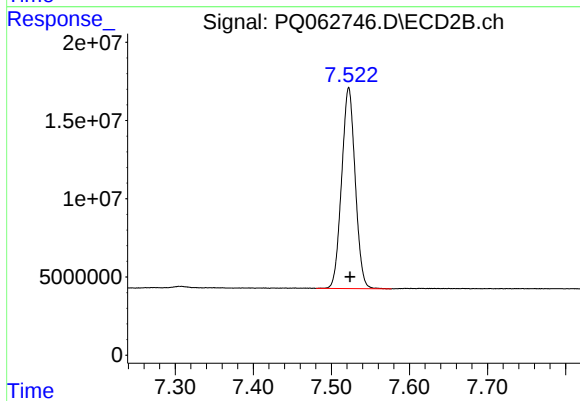
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: 0.000 min
Response: 169708138
Conc: 55.77 ng/ml



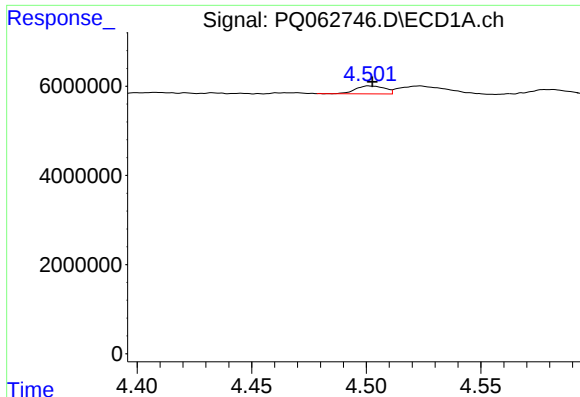
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 179246254
Conc: 48.58 ng/ml



#2 Decachlorobiphenyl

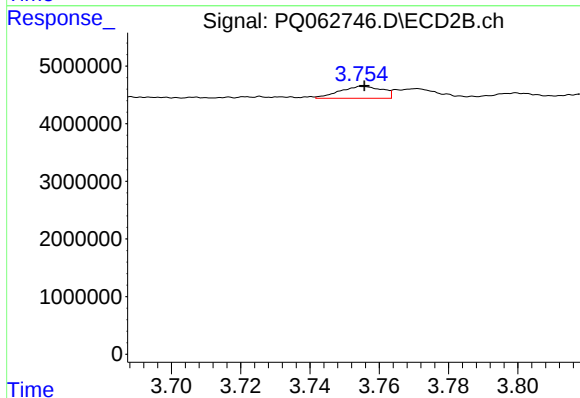
R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 155083591
Conc: 47.69 ng/ml



#3 AR-1016-1

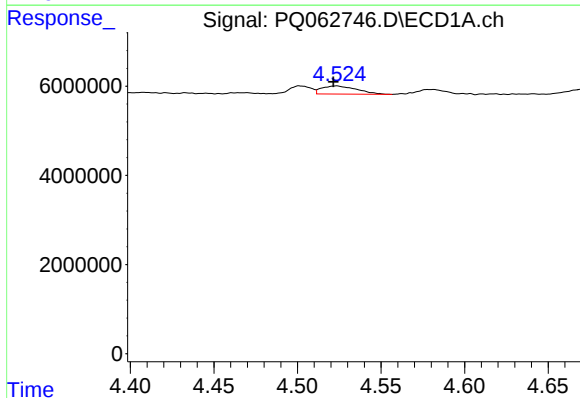
R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 1560069
Conc: 10.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



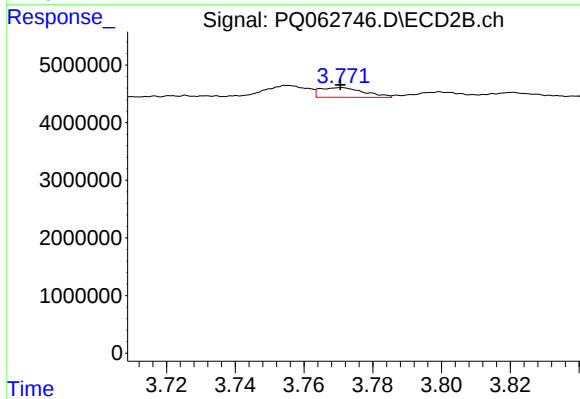
#3 AR-1016-1

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 1774035
Conc: 17.91 ng/ml



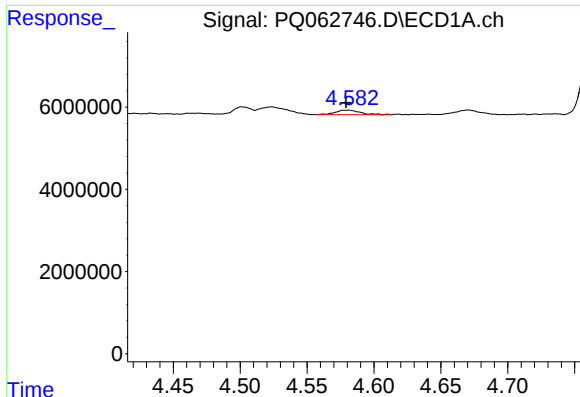
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 2634165
Conc: 11.58 ng/ml



#4 AR-1016-2

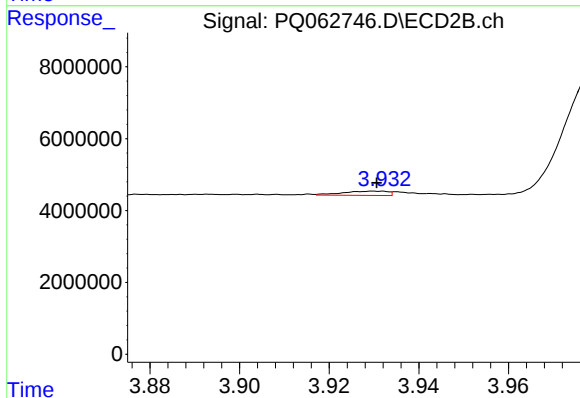
R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 1495273
Conc: 10.10 ng/ml



#5 AR-1016-3

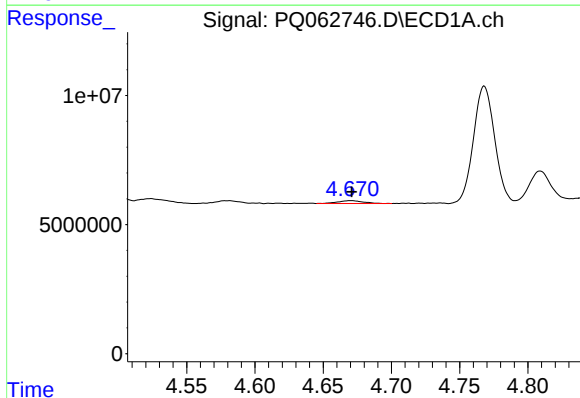
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 1433863
Conc: 10.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



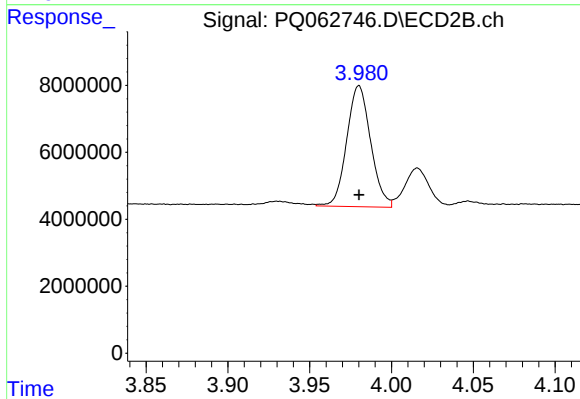
#5 AR-1016-3

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 808250
Conc: 10.25 ng/ml



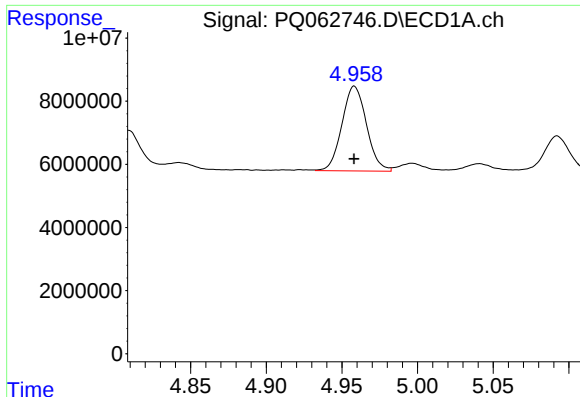
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 1405410
Conc: 12.17 ng/ml



#6 AR-1016-4

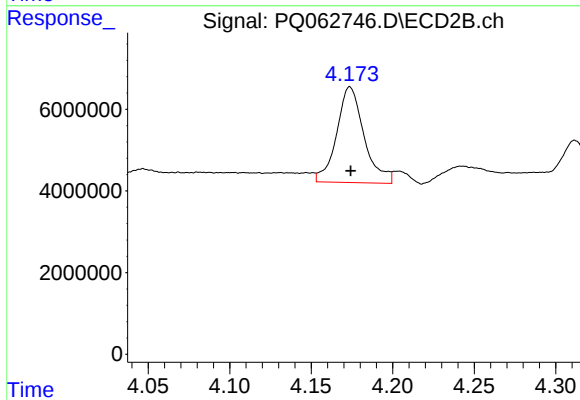
R.T.: 3.980 min
Delta R.T.: 0.000 min
Response: 36820530
Conc: 561.40 ng/ml



#7 AR-1016-5

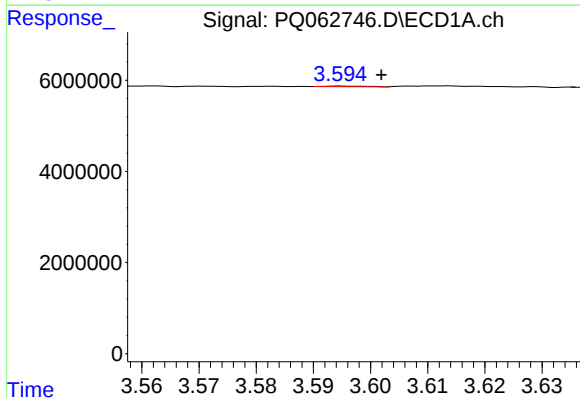
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 30312087
Conc: 261.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



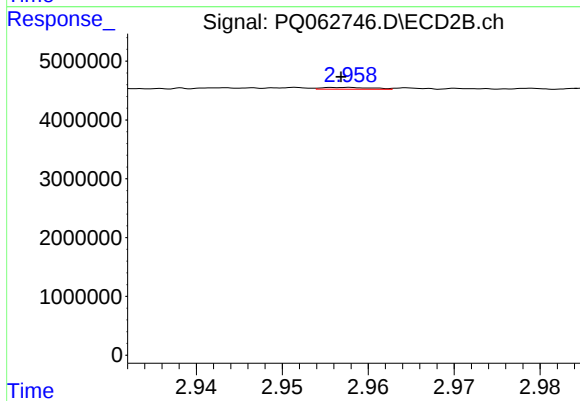
#7 AR-1016-5

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 27504666
Conc: 341.75 ng/ml



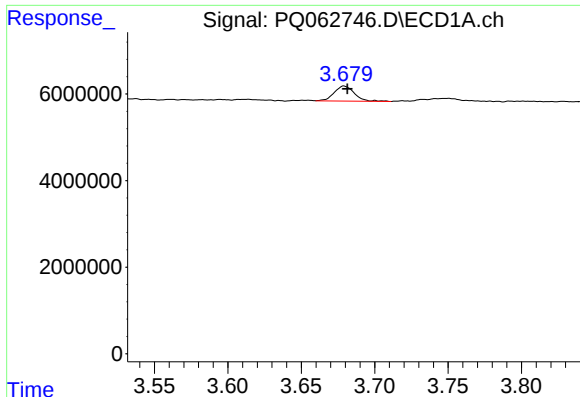
#8 AR-1221-1

R.T.: 3.595 min
Delta R.T.: -0.007 min
Response: 60559
Conc: 1.06 ng/ml



#8 AR-1221-1

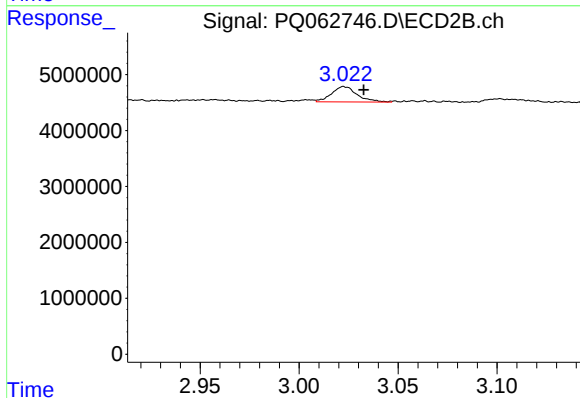
R.T.: 2.958 min
Delta R.T.: 0.001 min
Response: 129364
Conc: 3.14 ng/ml



#9 AR-1221-2

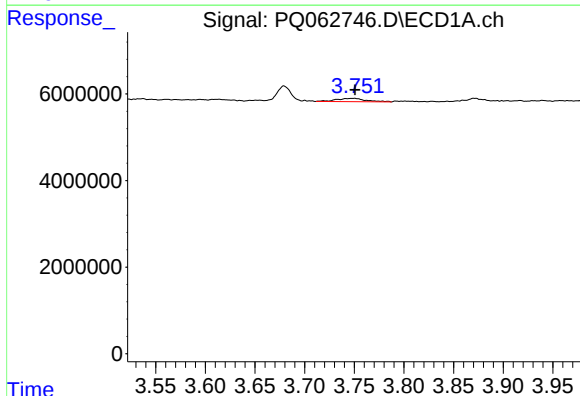
R.T.: 3.679 min
Delta R.T.: -0.002 min
Response: 3335200
Conc: 84.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



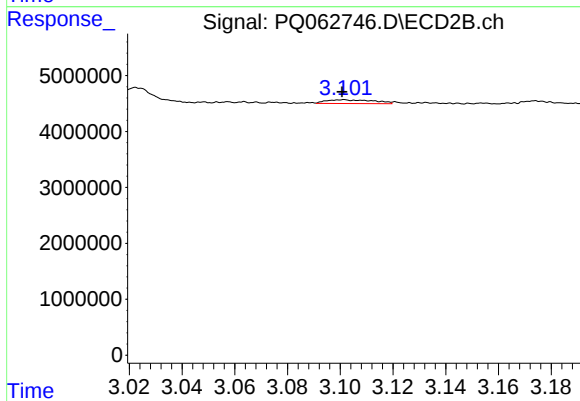
#9 AR-1221-2

R.T.: 3.023 min
Delta R.T.: -0.010 min
Response: 2470209
Conc: 80.76 ng/ml



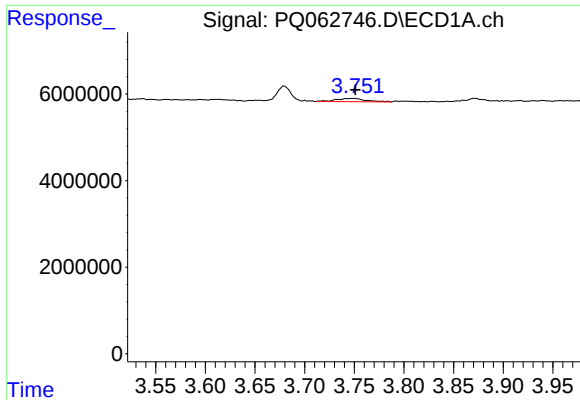
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 1587928
Conc: 11.80 ng/ml



#10 AR-1221-3

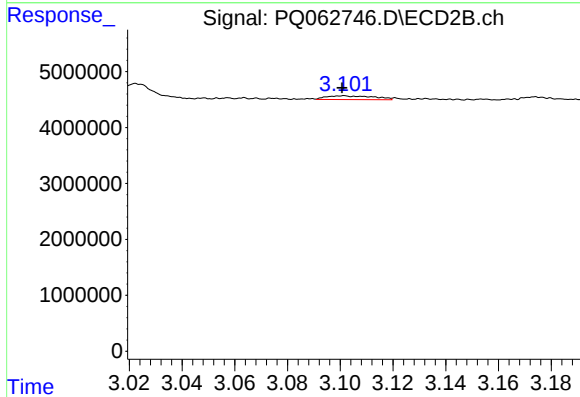
R.T.: 3.102 min
Delta R.T.: 0.001 min
Response: 855799
Conc: 8.77 ng/ml



#11 AR-1232-1

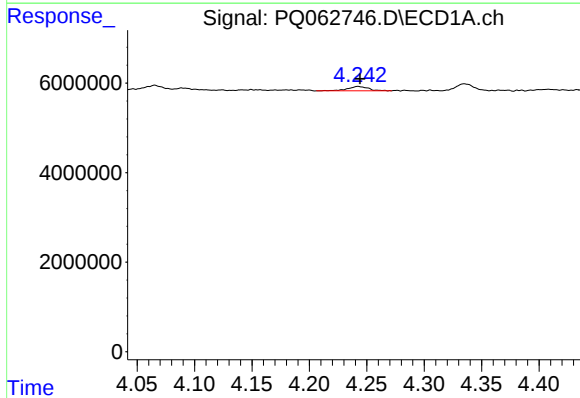
R.T.: 3.750 min
Delta R.T.: -0.001 min
Response: 1587928
Conc: 14.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



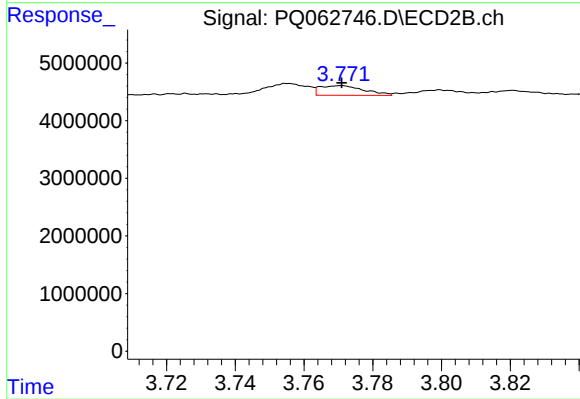
#11 AR-1232-1

R.T.: 3.102 min
Delta R.T.: 0.001 min
Response: 855799
Conc: 10.84 ng/ml



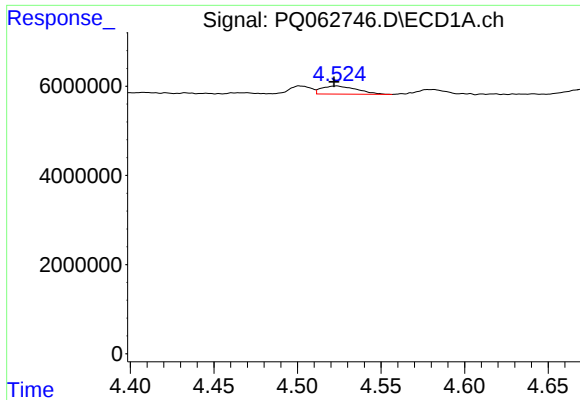
#12 AR-1232-2

R.T.: 4.242 min
Delta R.T.: -0.002 min
Response: 1214154
Conc: 21.15 ng/ml



#12 AR-1232-2

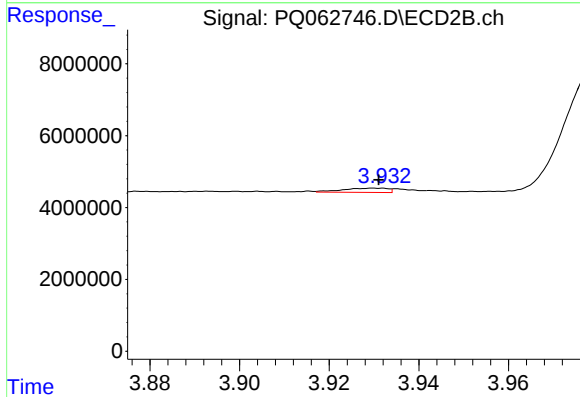
R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 1495273
Conc: 21.50 ng/ml



#13 AR-1232-3

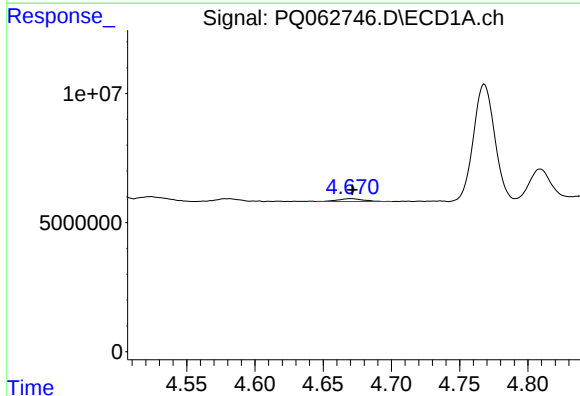
R.T.: 4.523 min
Delta R.T.: 0.001 min
Response: 2634165
Conc: 25.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



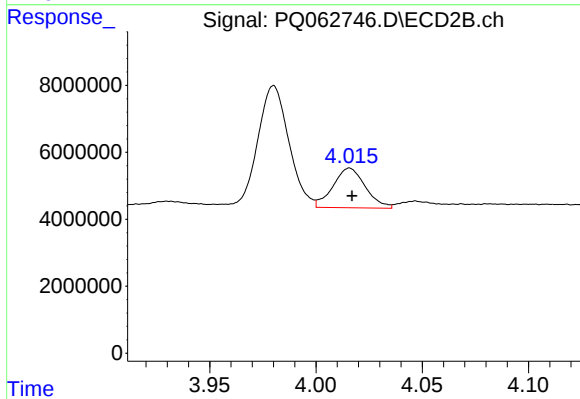
#13 AR-1232-3

R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 808250
Conc: 22.87 ng/ml



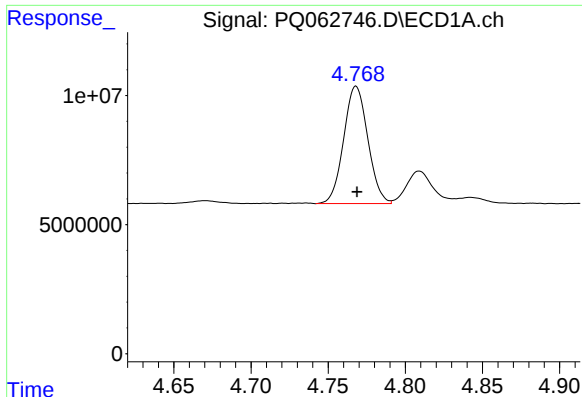
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.001 min
Response: 1405410
Conc: 27.13 ng/ml



#14 AR-1232-4

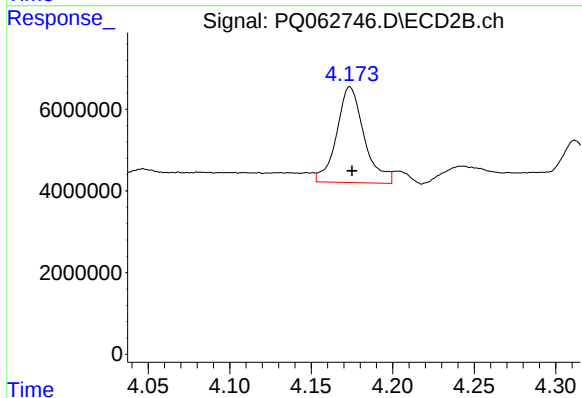
R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 12570293
Conc: 417.23 ng/ml



#15 AR-1232-5

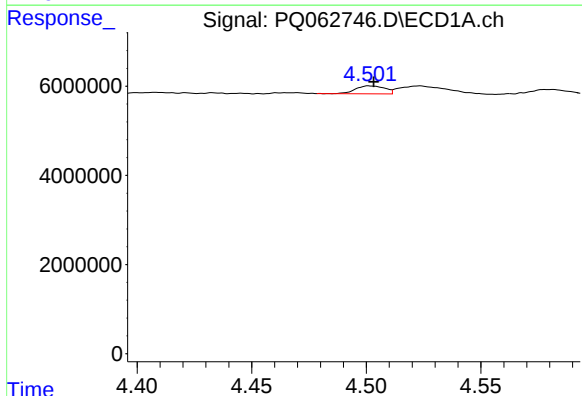
R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 49491211
Conc: 1302.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



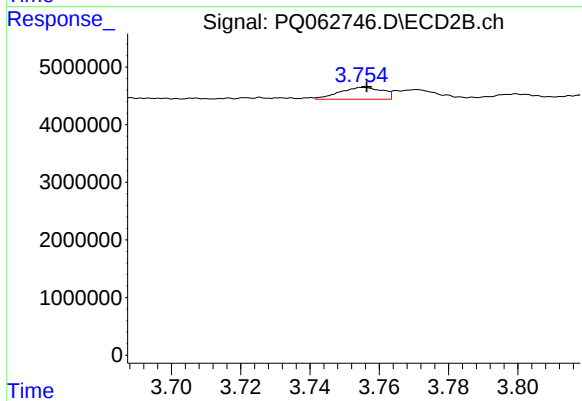
#15 AR-1232-5

R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 27504666
Conc: 743.04 ng/ml



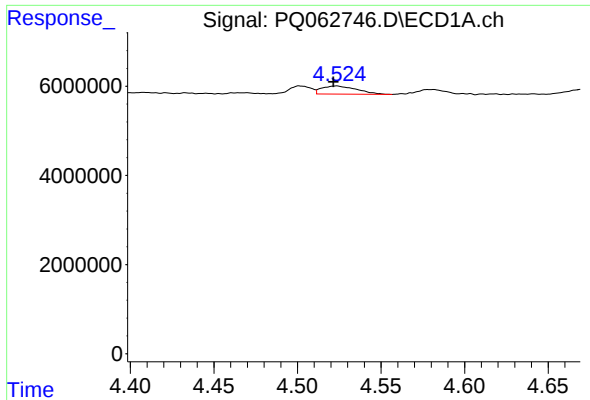
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 1560069
Conc: 12.09 ng/ml



#16 AR-1242-1

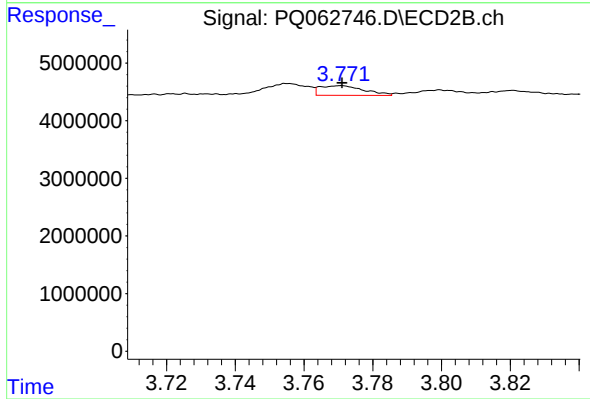
R.T.: 3.755 min
Delta R.T.: -0.002 min
Response: 1774035
Conc: 19.80 ng/ml



#17 AR-1242-2

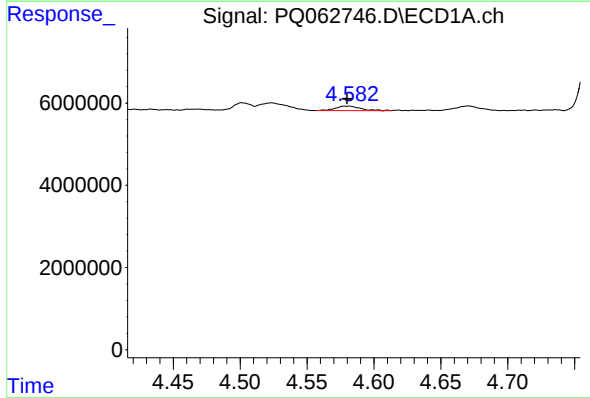
R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 2634165
Conc: 13.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



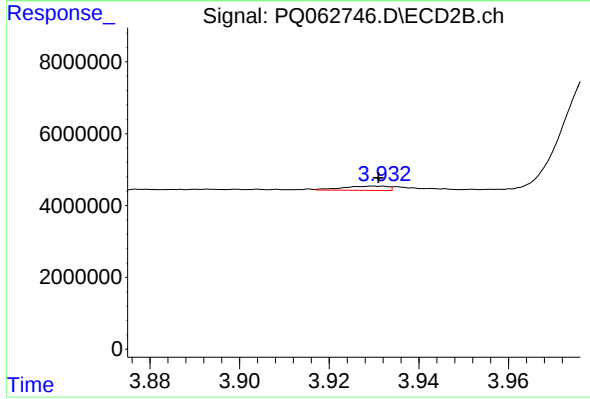
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 1495273
Conc: 11.35 ng/ml



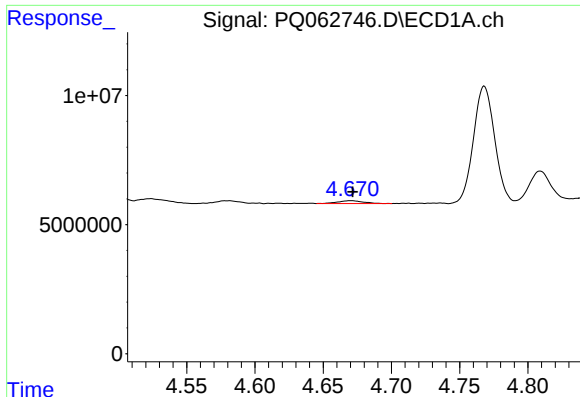
#18 AR-1242-3

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 1433863
Conc: 11.38 ng/ml



#18 AR-1242-3

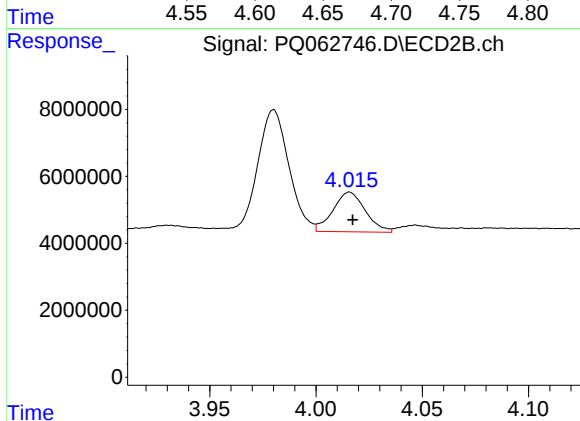
R.T.: 3.930 min
Delta R.T.: -0.001 min
Response: 808250
Conc: 11.60 ng/ml



#19 AR-1242-4

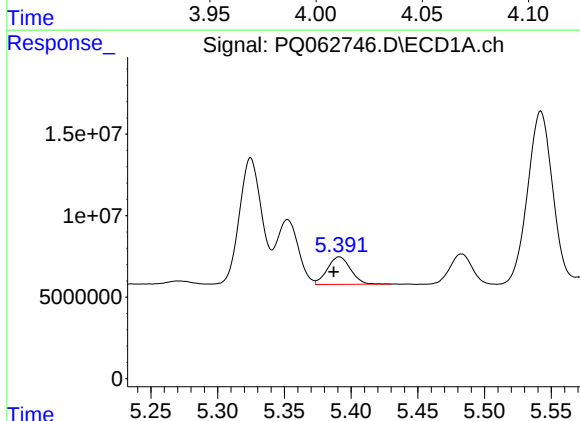
R.T.: 4.670 min
Delta R.T.: -0.001 min
Response: 1405410
Conc: 13.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



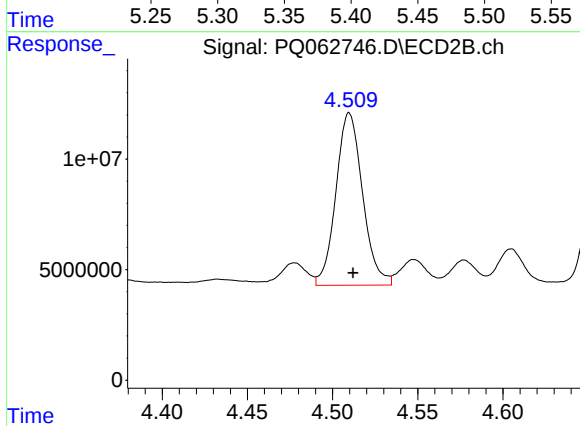
#19 AR-1242-4

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 12570293
Conc: 195.68 ng/ml



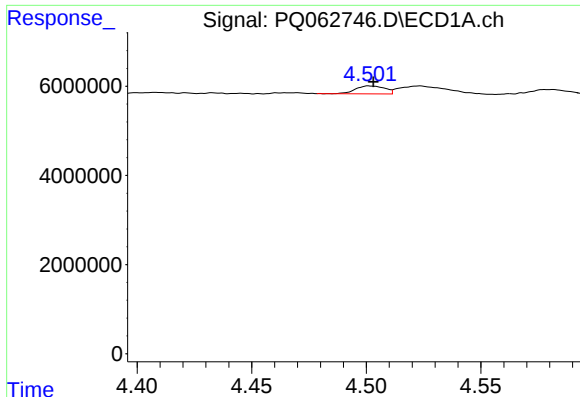
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.004 min
Response: 20358714
Conc: 181.46 ng/ml



#20 AR-1242-5

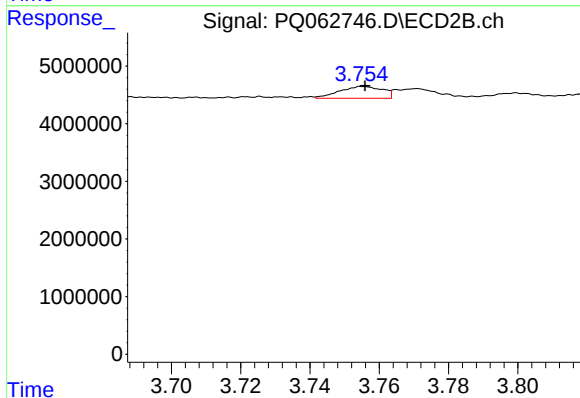
R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 85014654
Conc: 1034.19 ng/ml



#21 AR-1248-1

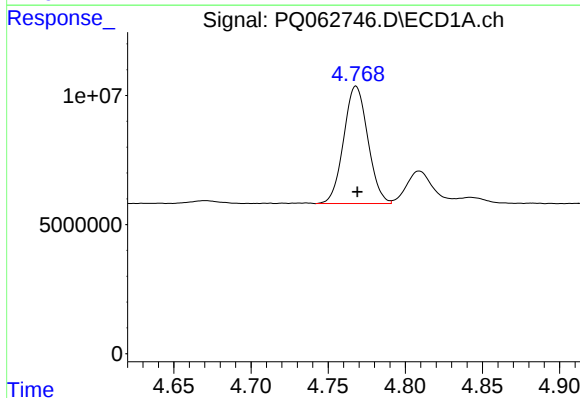
R.T.: 4.502 min
Delta R.T.: -0.001 min
Response: 1560069
Conc: 15.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



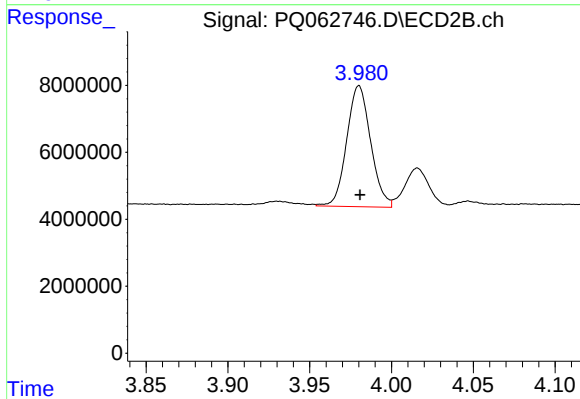
#21 AR-1248-1

R.T.: 3.755 min
Delta R.T.: -0.001 min
Response: 1774035
Conc: 26.48 ng/ml



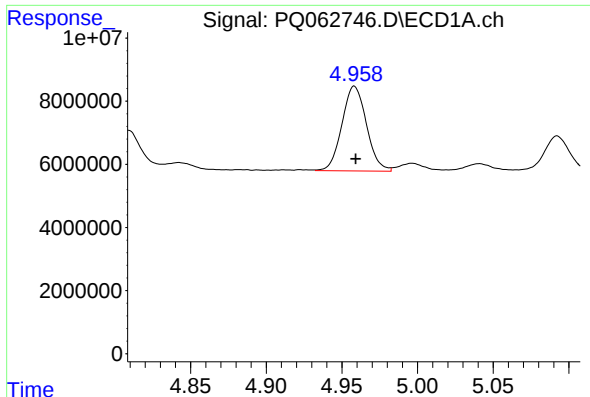
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 49491211
Conc: 359.84 ng/ml



#22 AR-1248-2

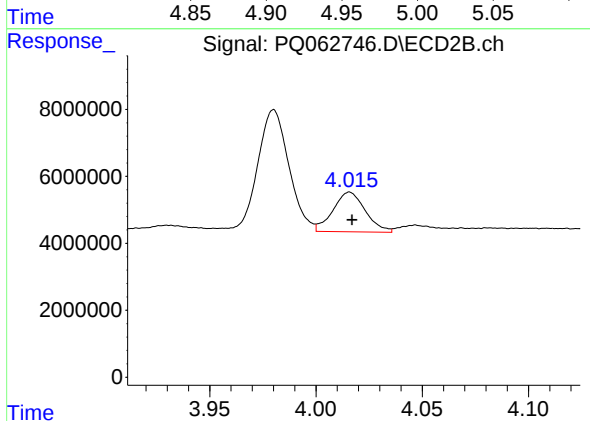
R.T.: 3.980 min
Delta R.T.: 0.000 min
Response: 36820530
Conc: 392.35 ng/ml



#23 AR-1248-3

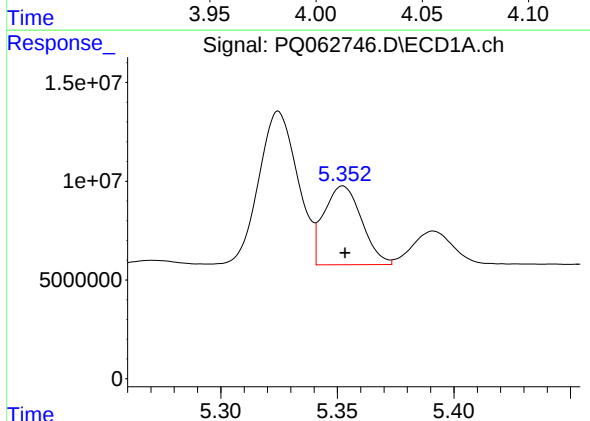
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 30312087
Conc: 180.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



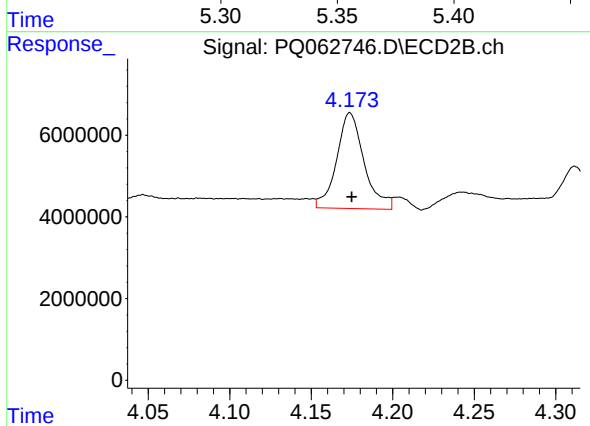
#23 AR-1248-3

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 12570293
Conc: 140.35 ng/ml



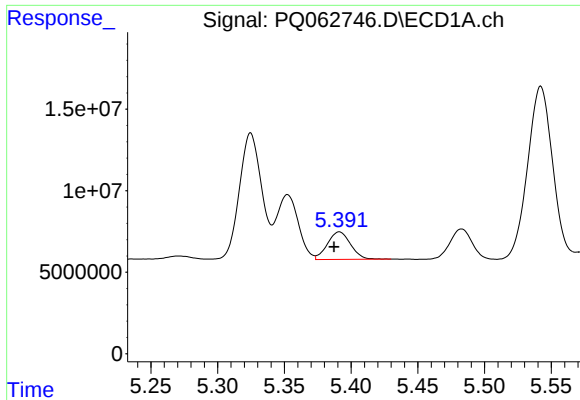
#24 AR-1248-4

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 44941062
Conc: 236.29 ng/ml



#24 AR-1248-4

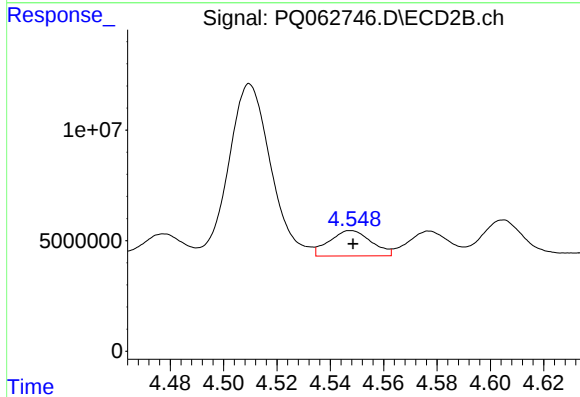
R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 27504666
Conc: 248.10 ng/ml



#25 AR-1248-5

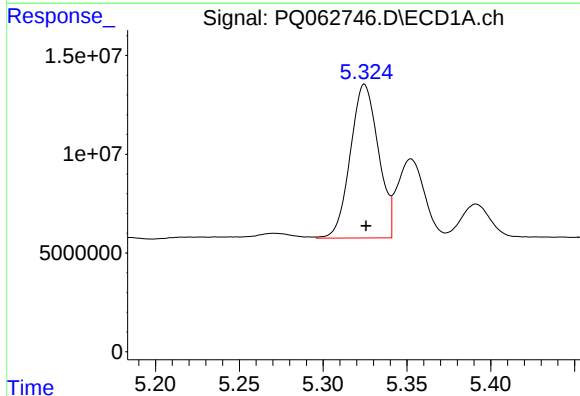
R.T.: 5.391 min
Delta R.T.: 0.004 min
Response: 20358714
Conc: 108.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



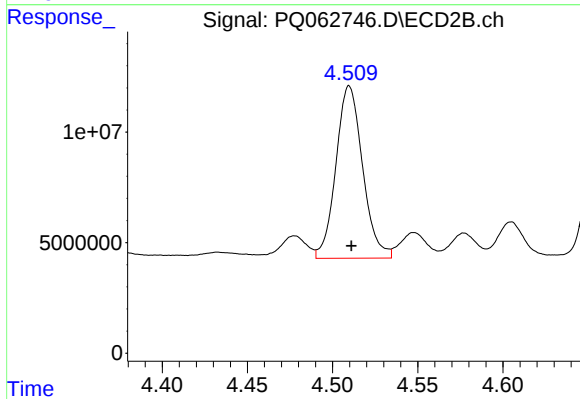
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 12522800
Conc: 112.71 ng/ml



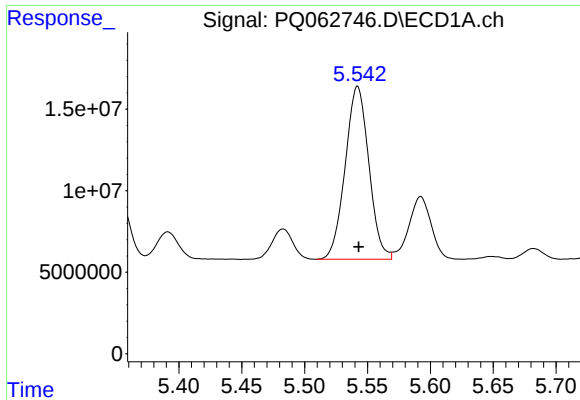
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: 0.000 min
Response: 90664243
Conc: 468.39 ng/ml



#26 AR-1254-1

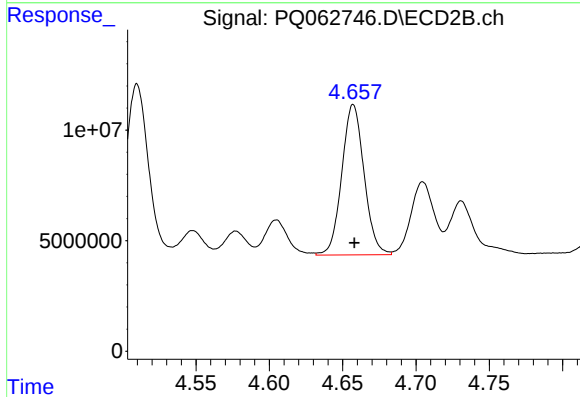
R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 85014654
Conc: 512.84 ng/ml



#27 AR-1254-2

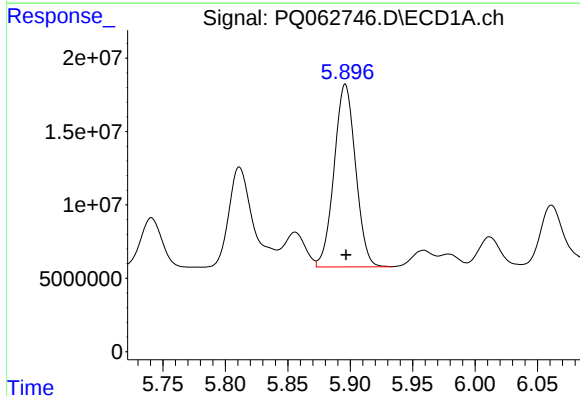
R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 138998362
Conc: 453.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



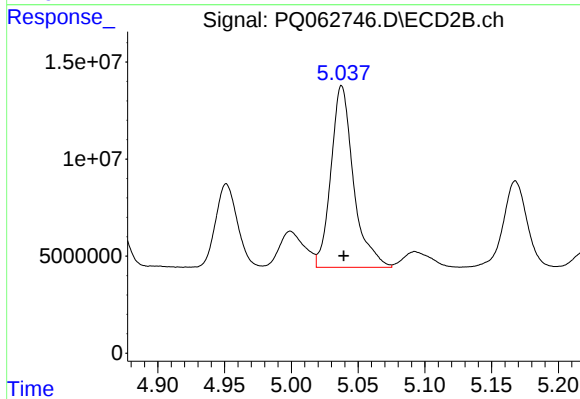
#27 AR-1254-2

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 71920133
Conc: 496.73 ng/ml



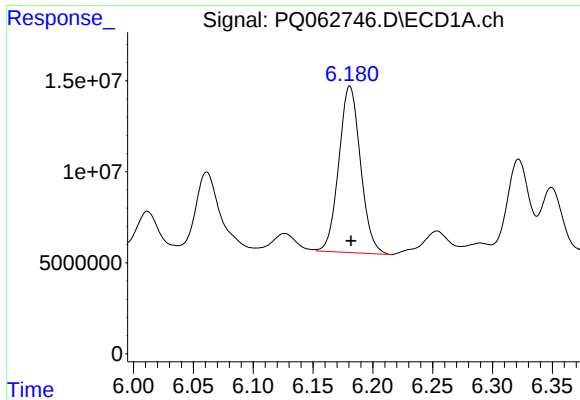
#28 AR-1254-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 149093882
Conc: 455.93 ng/ml



#28 AR-1254-3

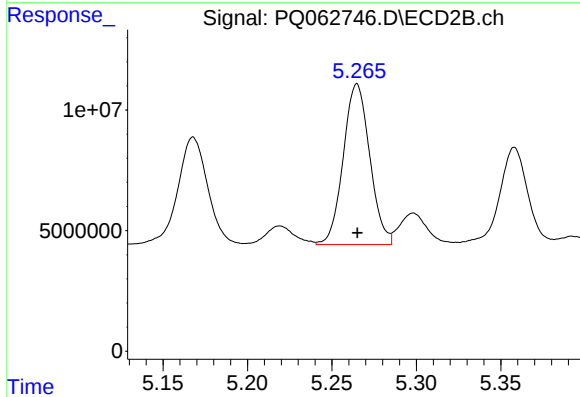
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 110117011
Conc: 485.39 ng/ml



#29 AR-1254-4

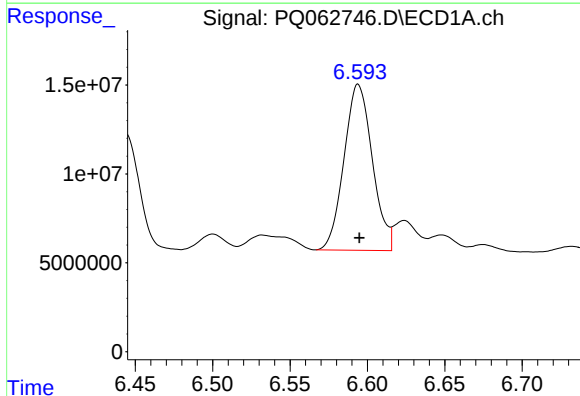
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 115426703
Conc: 474.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



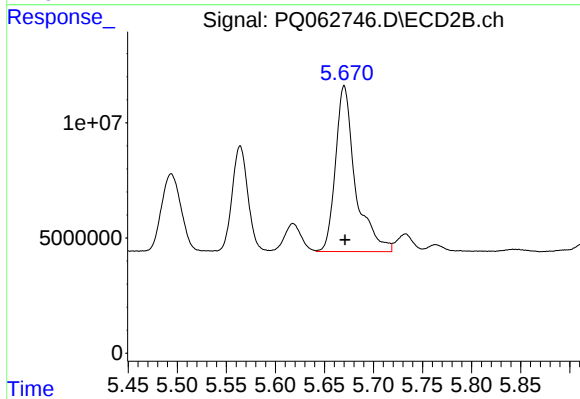
#29 AR-1254-4

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 72858956
Conc: 492.21 ng/ml



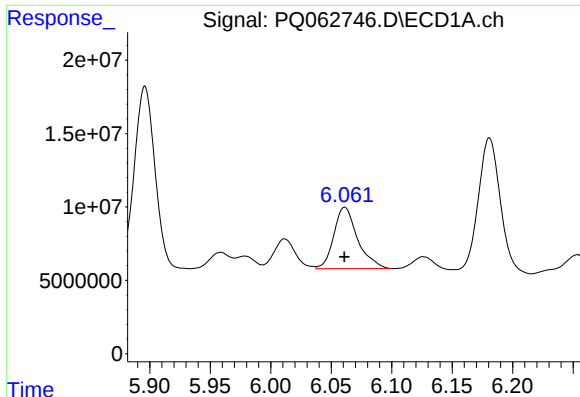
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 118866696
Conc: 455.49 ng/ml



#30 AR-1254-5

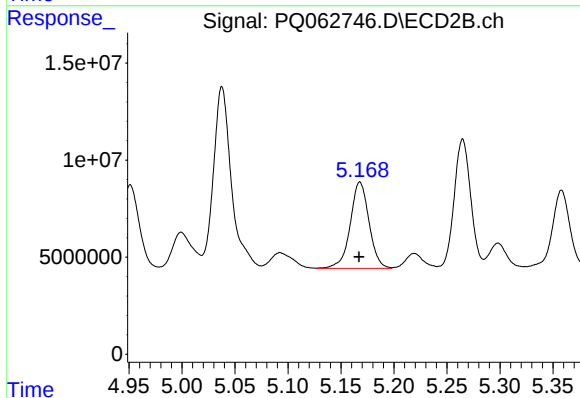
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 101730439
Conc: 486.25 ng/ml



#31 AR-1260-1

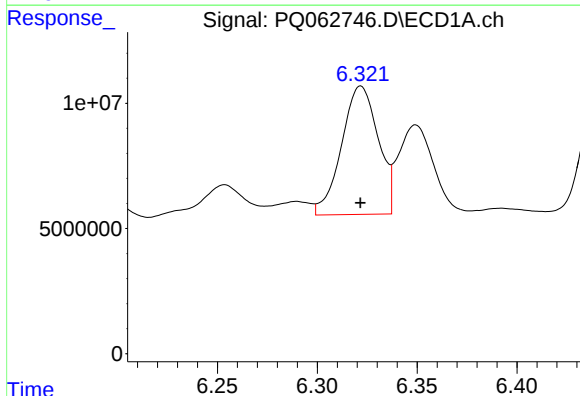
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 57011538
Conc: 246.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



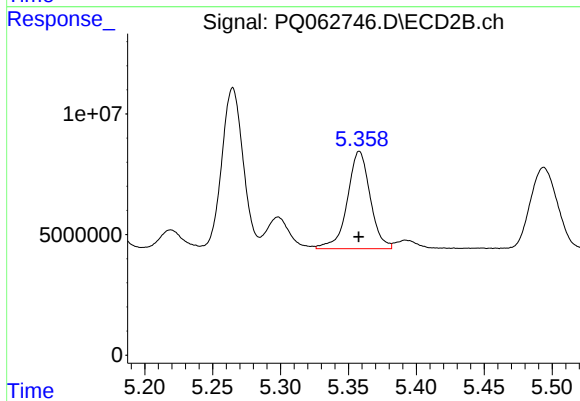
#31 AR-1260-1

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 55065537
Conc: 357.36 ng/ml



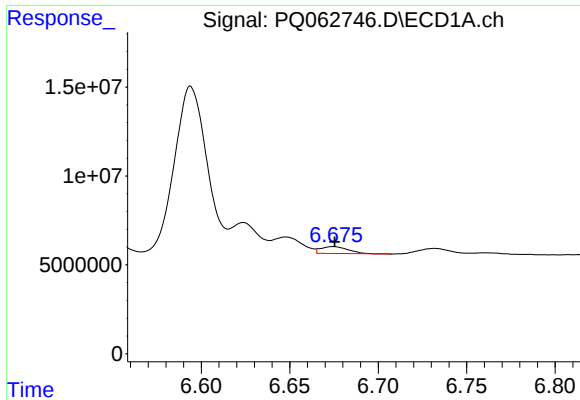
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 65446707
Conc: 232.96 ng/ml



#32 AR-1260-2

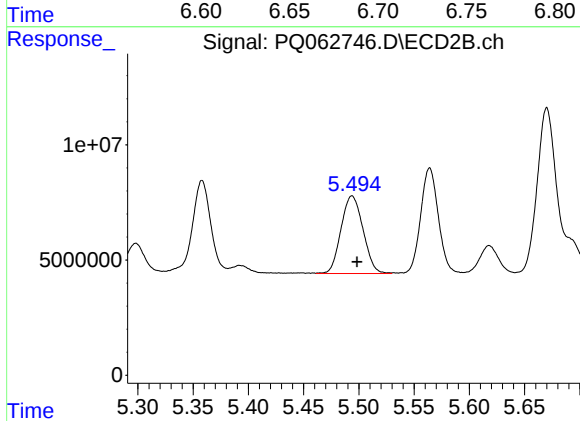
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 47202471
Conc: 251.83 ng/ml



#33 AR-1260-3

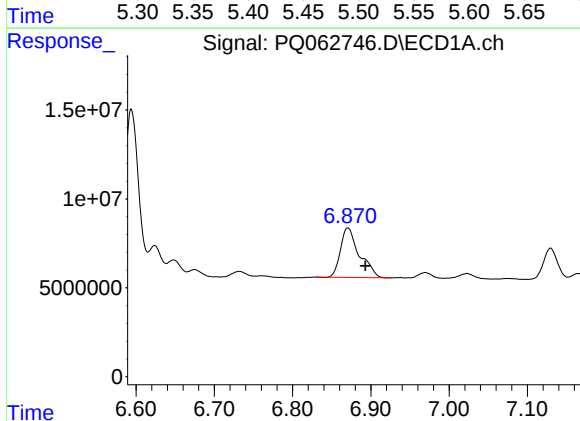
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 4246119
Conc: 21.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



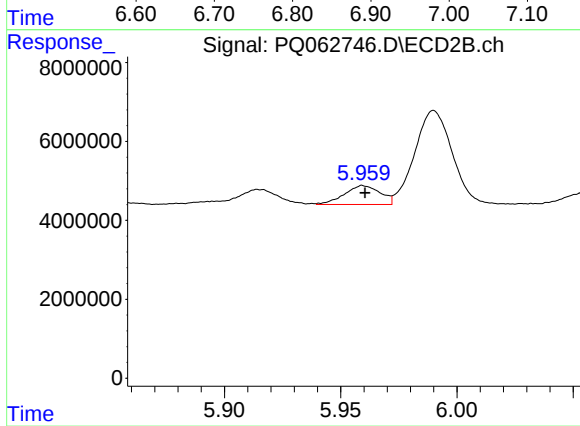
#33 AR-1260-3

R.T.: 5.494 min
Delta R.T.: -0.004 min
Response: 46728215
Conc: 262.09 ng/ml



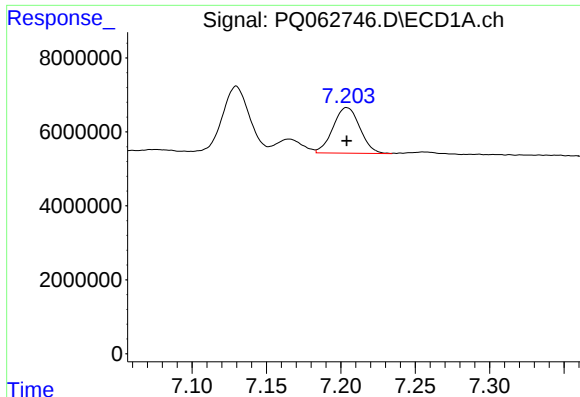
#34 AR-1260-4

R.T.: 6.871 min
Delta R.T.: -0.022 min
Response: 46716176
Conc: 203.31 ng/ml



#34 AR-1260-4

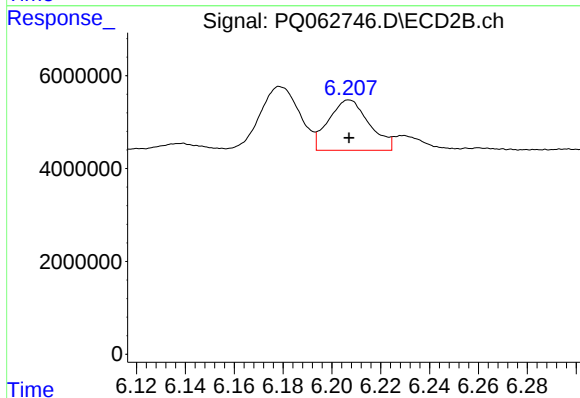
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 5116083
Conc: 34.34 ng/ml



#35 AR-1260-5

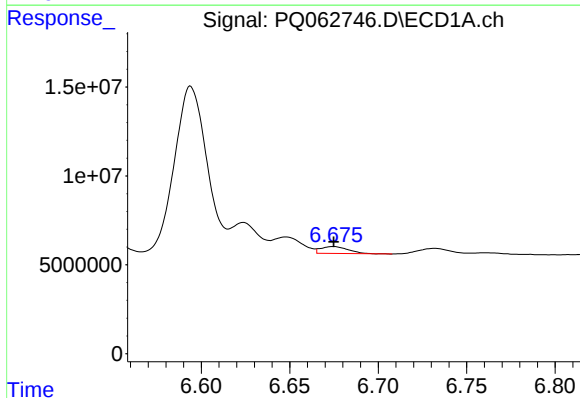
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 15503201
Conc: 33.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



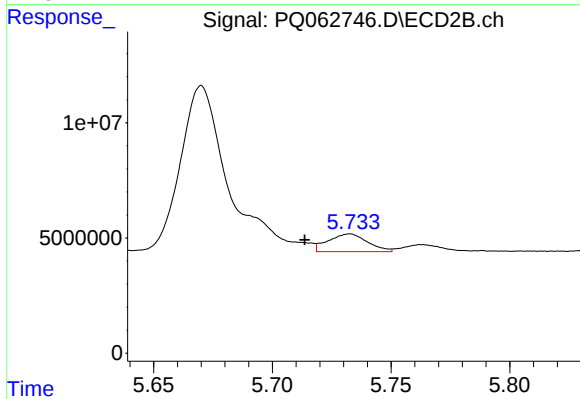
#35 AR-1260-5

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 12533760
Conc: 37.23 ng/ml



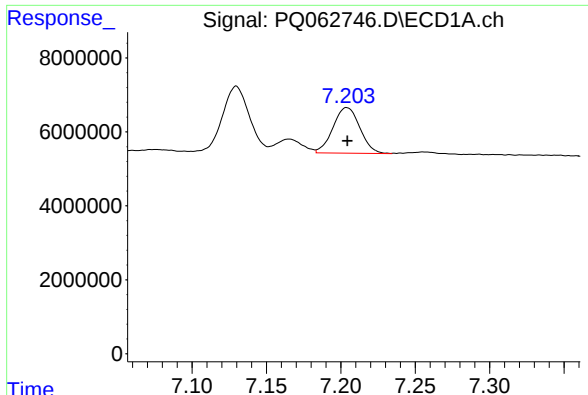
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 4246119
Conc: 13.74 ng/ml



#36 AR-1262-1

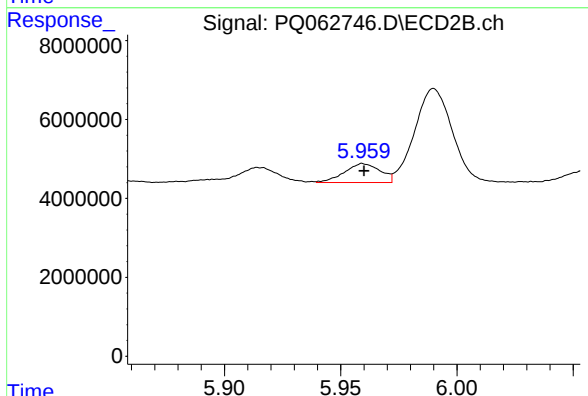
R.T.: 5.733 min
Delta R.T.: 0.019 min
Response: 8857993
Conc: 41.24 ng/ml



#37 AR-1262-2

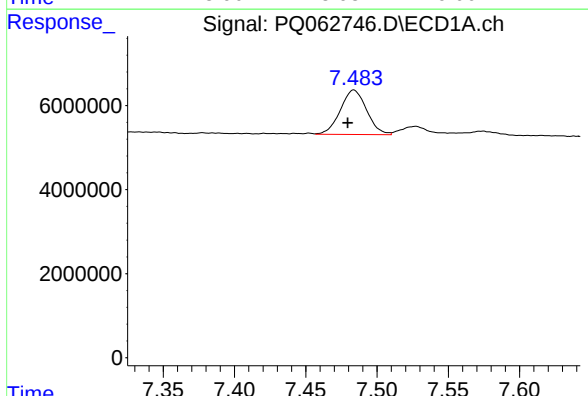
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 15503201
Conc: 28.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



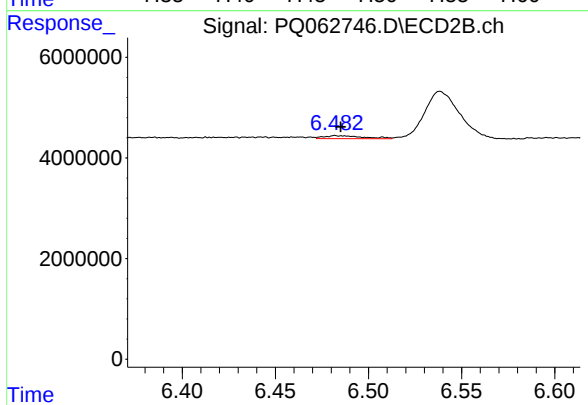
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 5116083
Conc: 25.83 ng/ml



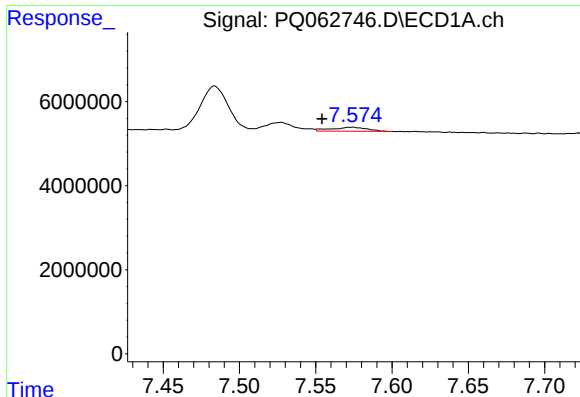
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.004 min
Response: 13579363
Conc: 37.25 ng/ml



#38 AR-1262-3

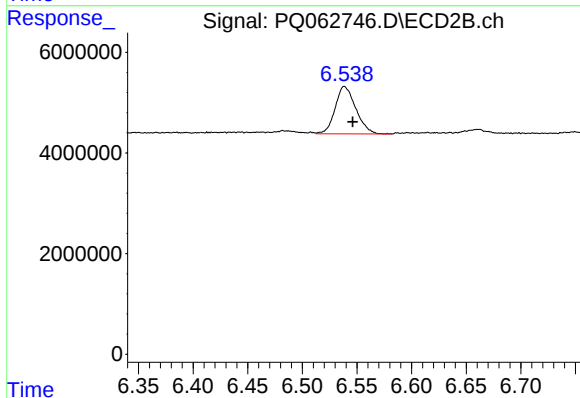
R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 894924
Conc: 5.49 ng/ml



#39 AR-1262-4

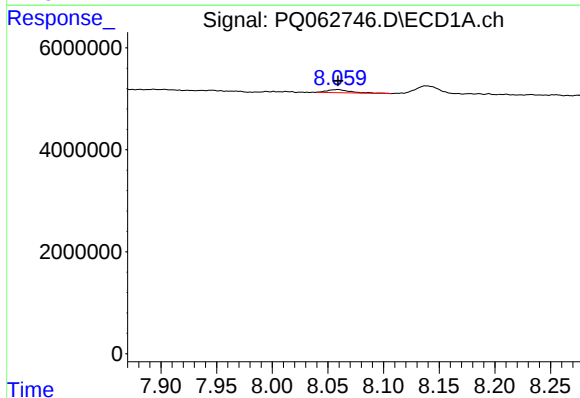
R.T.: 7.574 min
Delta R.T.: 0.020 min
Response: 1506351
Conc: 5.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



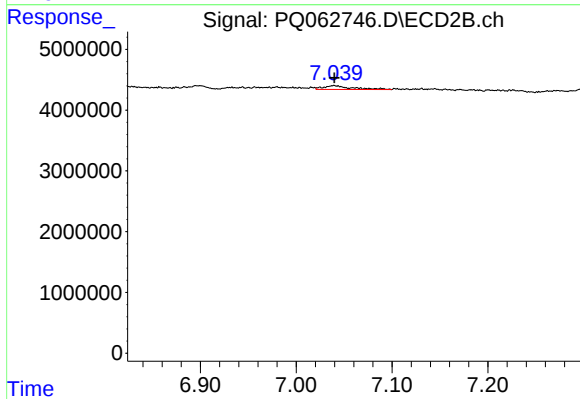
#39 AR-1262-4

R.T.: 6.539 min
Delta R.T.: -0.007 min
Response: 12388281
Conc: 41.34 ng/ml



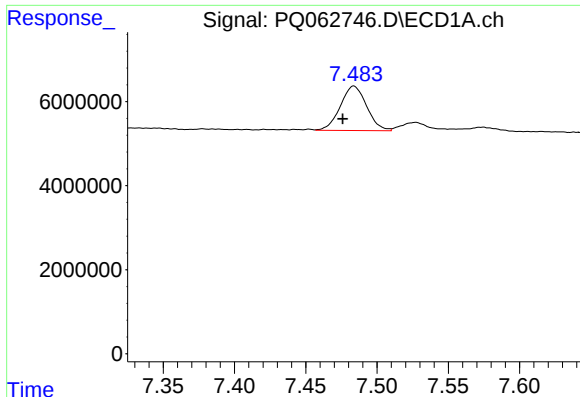
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 921318
Conc: 4.94 ng/ml



#40 AR-1262-5

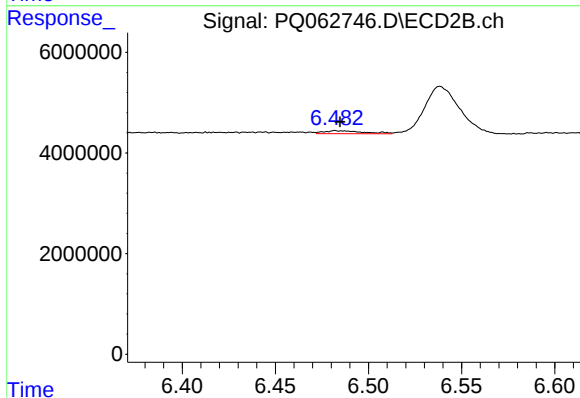
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 1268480
Conc: 8.43 ng/ml



#41 AR-1268-1

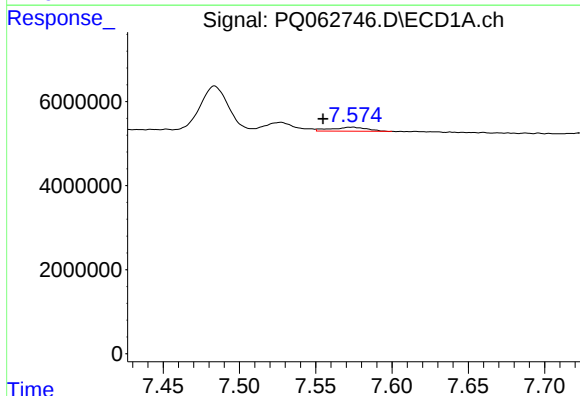
R.T.: 7.484 min
Delta R.T.: 0.008 min
Response: 13579363
Conc: 21.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



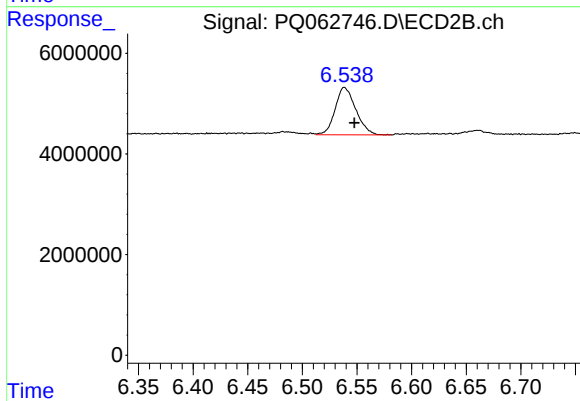
#41 AR-1268-1

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 894924
Conc: 1.89 ng/ml



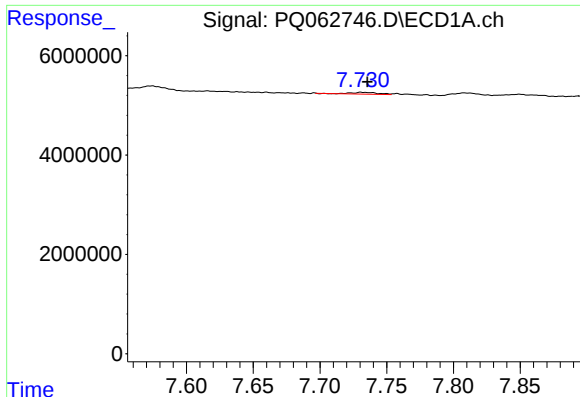
#42 AR-1268-2

R.T.: 7.574 min
Delta R.T.: 0.019 min
Response: 1506351
Conc: 2.61 ng/ml



#42 AR-1268-2

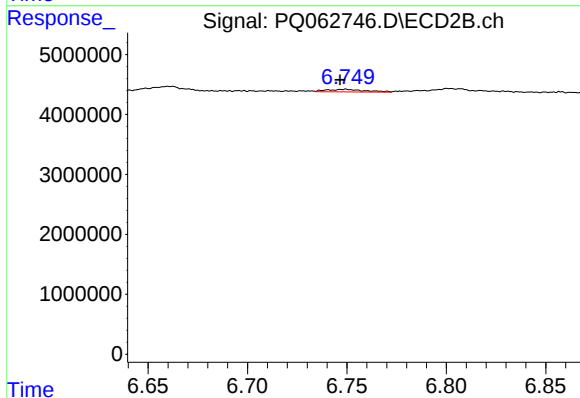
R.T.: 6.539 min
Delta R.T.: -0.009 min
Response: 12388281
Conc: 28.62 ng/ml



#43 AR-1268-3

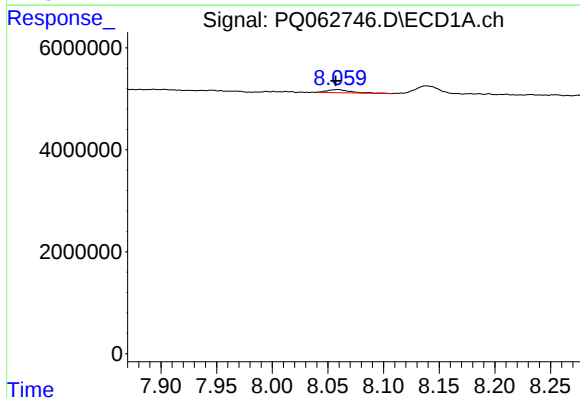
R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 539040
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



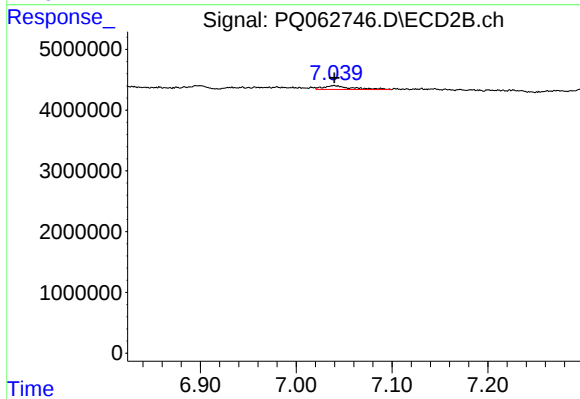
#43 AR-1268-3

R.T.: 6.749 min
Delta R.T.: 0.003 min
Response: 586963
Conc: 1.54 ng/ml



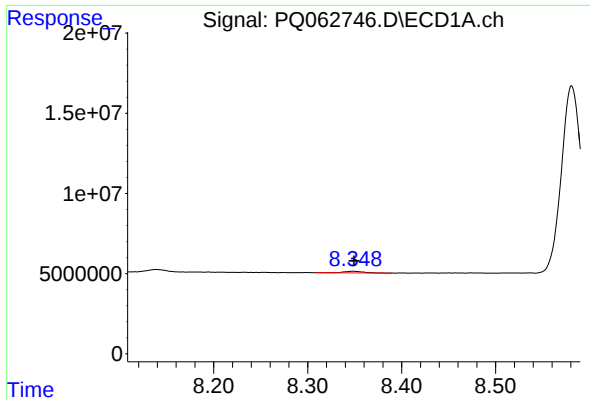
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 921318
Conc: 4.37 ng/ml



#44 AR-1268-4

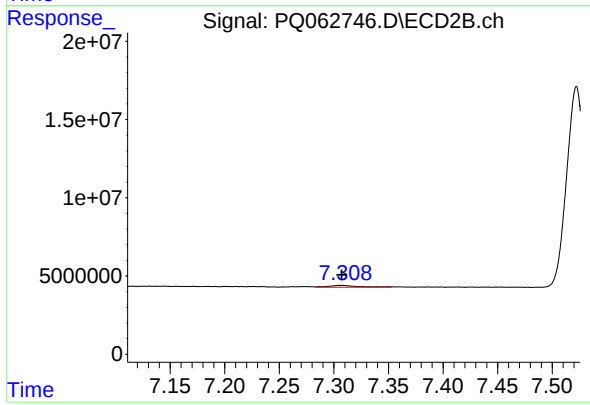
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 1268480
Conc: 7.62 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.001 min
Response: 1375250
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 2234489
Conc: 1.81 ng/ml