

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022423\
 Data File : PQ060470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2023 01:59
 Operator : YP\AJ
 Sample : 01627-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:36:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 24 16:56:07 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...	3.442	2.798	477.4E6	249.2E6	20.747	22.151
2)	SA Decachlor...	8.577	7.539	306.8E6	244.8E6	22.625	22.807
Target Compounds							
3)	L1 AR-1016-1	4.529	3.796	44227617	21302157	55.635	54.601
4)	L1 AR-1016-2	4.548	3.812	67285564	31455949	56.226	53.324
5)	L1 AR-1016-3	4.604	3.971	43106328	16422397	58.166	52.235
6)	L1 AR-1016-4	4.694	4.018	33952905	13329833	54.735	54.379
7)	L1 AR-1016-5	4.975	4.210	34160263	17407529	58.064	54.507
8)	L2 AR-1221-1	3.630	2.998	10043211	2141413	41.924	19.052 #
9)	L2 AR-1221-2	3.719	3.070	14037325	5876781	80.306	70.596
10)	L2 AR-1221-3	3.787	3.143	27325171	11639202	52.233	45.048
11)	L3 AR-1232-1	3.787	3.143	27325171	11639202	52.042	43.477
12)	L3 AR-1232-2	4.275	3.812	33832267	31455949	126.684	117.130
13)	L3 AR-1232-3	4.548	3.971	67285564	16422397	123.379	117.923
14)	L3 AR-1232-4	4.694	4.054	33952905	15821408	125.673	133.310
15)	L3 AR-1232-5	4.788	4.210	26106523	17407529	139.856	127.741
16)	L4 AR-1242-1	4.529	3.796	44227617	21302157	71.624	66.245
17)	L4 AR-1242-2	4.548	3.812	67285564	31455949	71.661	65.658
18)	L4 AR-1242-3	4.604	3.971	43106328	16422397	74.627	63.347
19)	L4 AR-1242-4	4.694	4.054	33952905	15821408	69.630	66.101
20)	L4 AR-1242-5	5.397	4.541	9308585	16982455	18.665	55.003 #
21)	L5 AR-1248-1	4.529	3.796	44227617	21302157	92.759	86.966
22)	L5 AR-1248-2	4.788	4.018	26106523	13329833	41.975	38.709
23)	L5 AR-1248-3	4.975	4.054	34160263	15821408	45.073	45.381
24)	L5 AR-1248-4	5.360	4.210	12392499	17407529	14.839	41.131 #
25)	L5 AR-1248-5	5.397	4.579	9308585	4499653	11.130	10.571
26)	L6 AR-1254-1	5.334	4.541	31317311	16982455	37.439	26.227 #
27)	L6 AR-1254-2	5.550	4.684	27321489	11685996	21.354	21.214
28)	L6 AR-1254-3	5.901	5.037f	12526273	5497295	9.220	6.411 #
29)	L6 AR-1254-4	6.151	5.279	157308	1761748	0.159	3.147 #
30)	L6 AR-1254-5	6.596f	5.684	80202607	45528511	76.400	56.173 #
31)	L7 AR-1260-1	6.066	5.185	60507701	33965939	57.760	55.304
32)	L7 AR-1260-2	6.324	5.372	73740539	40175077	59.462	53.879
33)	L7 AR-1260-3	6.678	5.514	49942745	42168370	55.870	58.017
34)	L7 AR-1260-4	6.896	5.974	56666887	32158274	57.514	54.562
35)	L7 AR-1260-5	7.206	6.220	106.8E6	73752495	54.925	53.619
36)	L8 AR-1262-1	6.628f	5.726	11035797	33765940	9.600	43.184 #
37)	L8 AR-1262-2	7.171	6.220f	82790	73752495	0.041	51.975 #
38)	L8 AR-1262-3	7.485f	6.470	67466968	3366519	51.545	5.930 #
39)	L8 AR-1262-4	7.536	6.557f	24026563	54817660	23.500	51.313 #
40)	L8 AR-1262-5	8.058f	7.010f	26656949	115034	40.987	0.222 #
41)	L9 AR-1268-1	7.485f	6.470	67466968	3366519	29.535	1.988 #

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 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 44 Sample Multiplier: 1

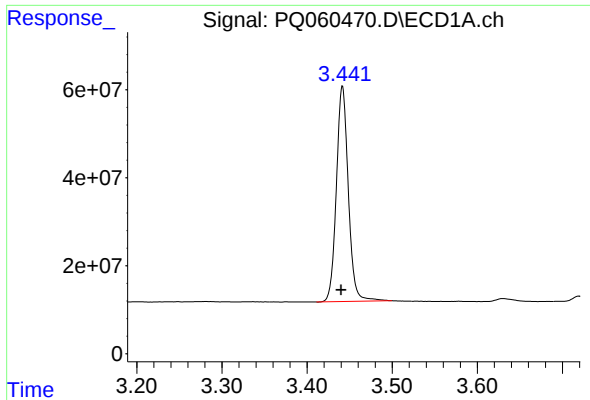
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 08:36:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022423.M
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 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	7.536	6.557	24026563	54817660	11.318	35.222 #
43) L9	AR-1268-3	7.738	6.763f	2582980	2444404	1.485	1.796
44) L9	AR-1268-4	8.058	7.054f	26656949	20549677	35.865	34.825
45) L9	AR-1268-5	8.348	7.322f	8064523	7598012	1.566	1.781

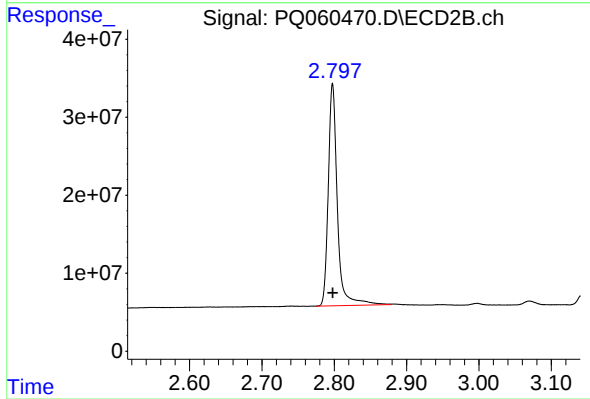
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

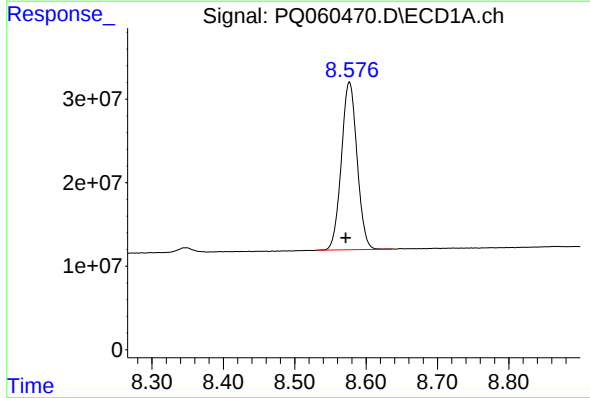
R.T.: 3.442 min
Delta R.T.: 0.002 min
Response: 477393022
Conc: 20.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



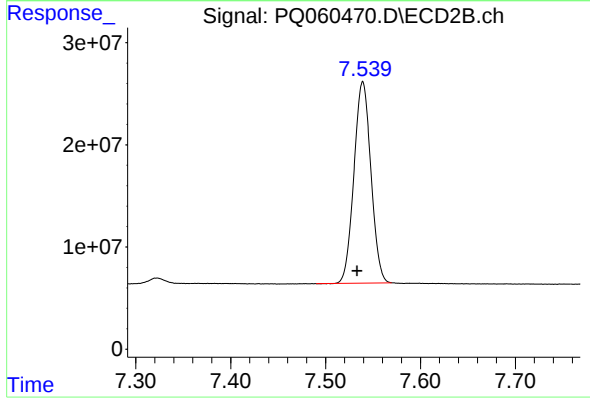
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 249194276
Conc: 22.15 ng/ml



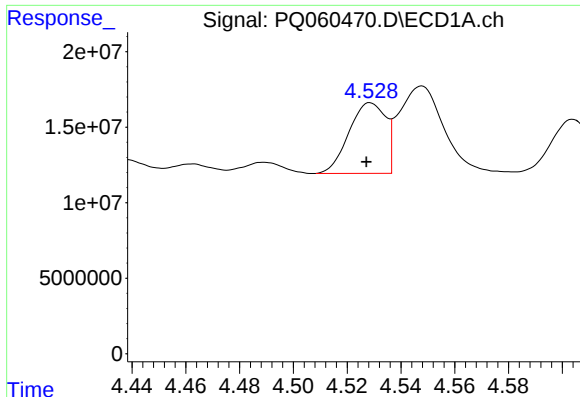
#2 Decachlorobiphenyl

R.T.: 8.577 min
Delta R.T.: 0.005 min
Response: 306777761
Conc: 22.63 ng/ml



#2 Decachlorobiphenyl

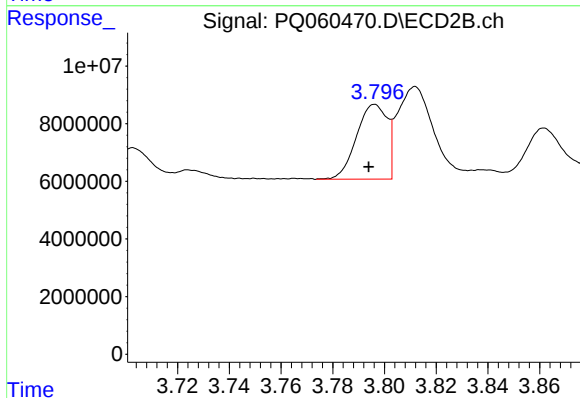
R.T.: 7.539 min
Delta R.T.: 0.006 min
Response: 244776392
Conc: 22.81 ng/ml



#3 AR-1016-1

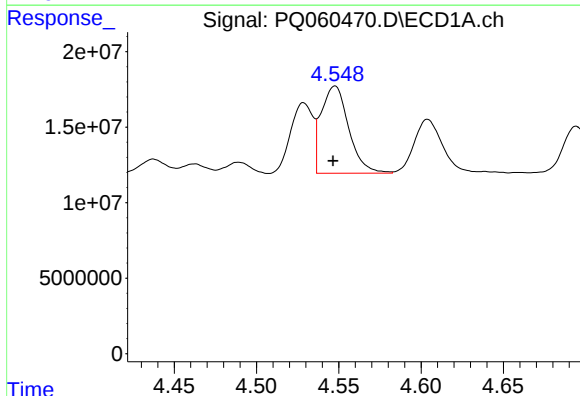
R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 44227617
Conc: 55.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



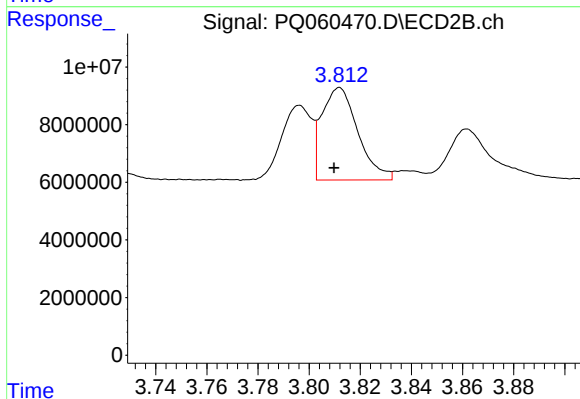
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: 0.002 min
Response: 21302157
Conc: 54.60 ng/ml



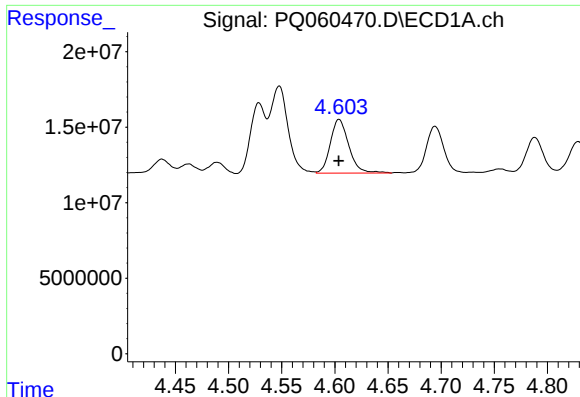
#4 AR-1016-2

R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 67285564
Conc: 56.23 ng/ml



#4 AR-1016-2

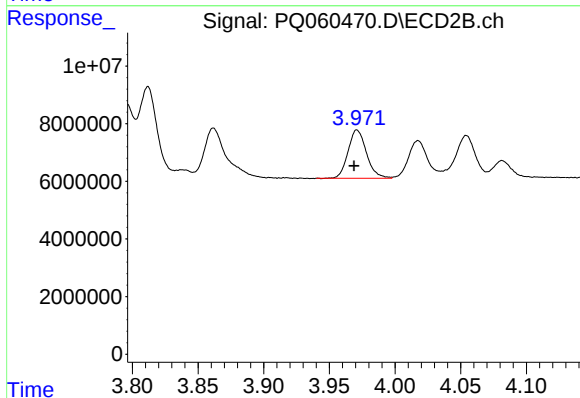
R.T.: 3.812 min
Delta R.T.: 0.002 min
Response: 31455949
Conc: 53.32 ng/ml



#5 AR-1016-3

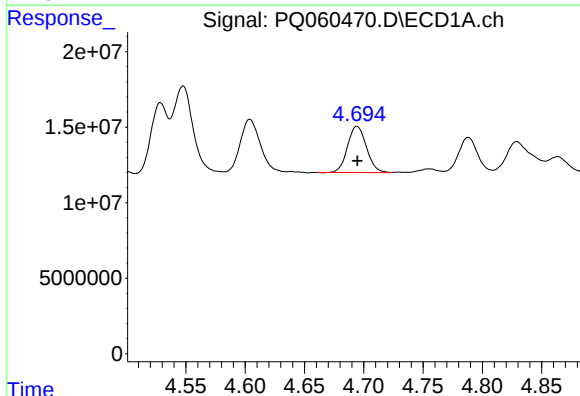
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 43106328
Conc: 58.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



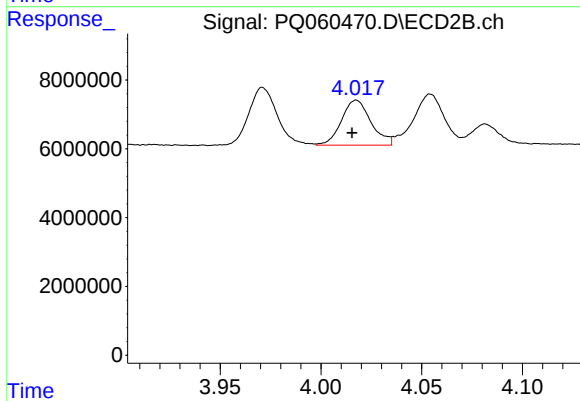
#5 AR-1016-3

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 16422397
Conc: 52.23 ng/ml



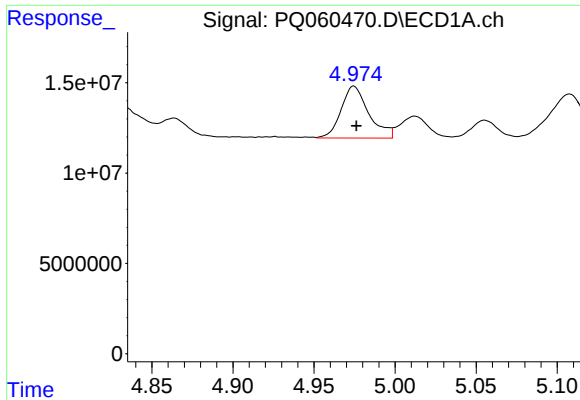
#6 AR-1016-4

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 33952905
Conc: 54.73 ng/ml



#6 AR-1016-4

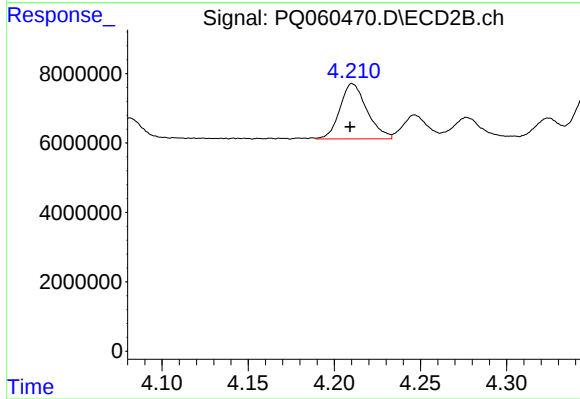
R.T.: 4.018 min
Delta R.T.: 0.002 min
Response: 13329833
Conc: 54.38 ng/ml



#7 AR-1016-5

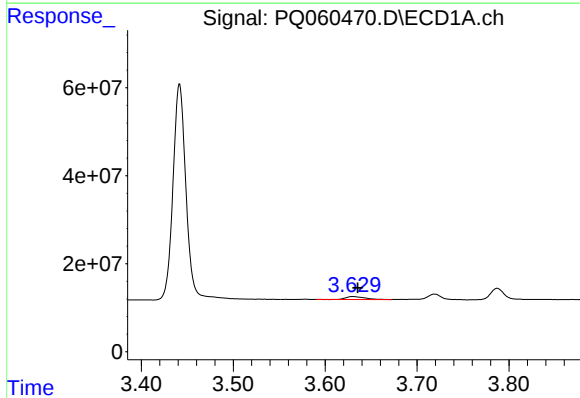
R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 34160263
Conc: 58.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



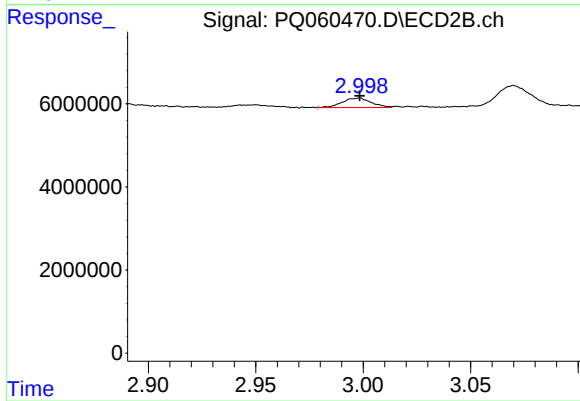
#7 AR-1016-5

R.T.: 4.210 min
Delta R.T.: 0.001 min
Response: 17407529
Conc: 54.51 ng/ml



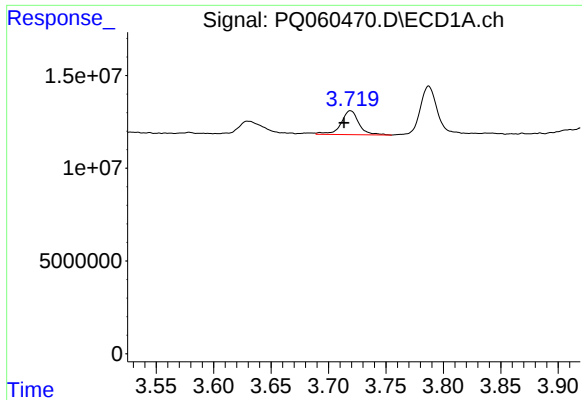
#8 AR-1221-1

R.T.: 3.630 min
Delta R.T.: -0.006 min
Response: 10043211
Conc: 41.92 ng/ml



#8 AR-1221-1

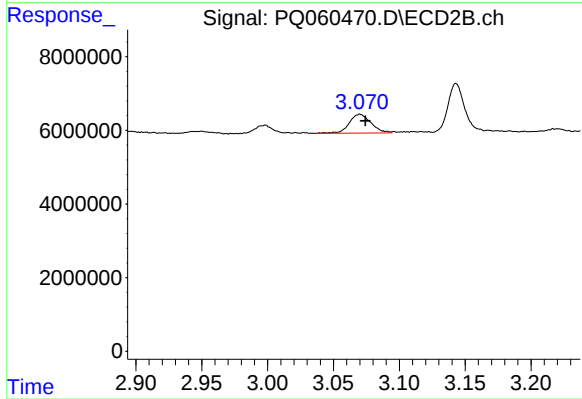
R.T.: 2.998 min
Delta R.T.: 0.000 min
Response: 2141413
Conc: 19.05 ng/ml



#9 AR-1221-2

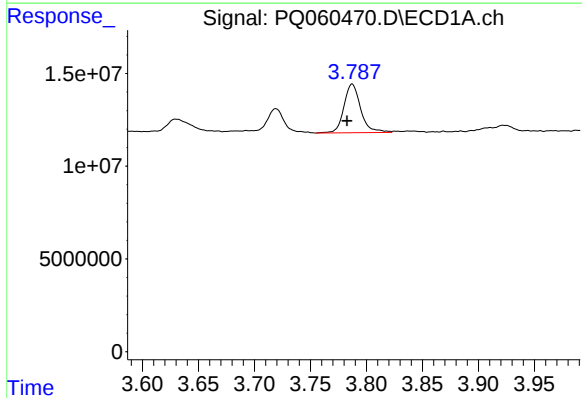
R.T.: 3.719 min
Delta R.T.: 0.006 min
Response: 14037325
Conc: 80.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



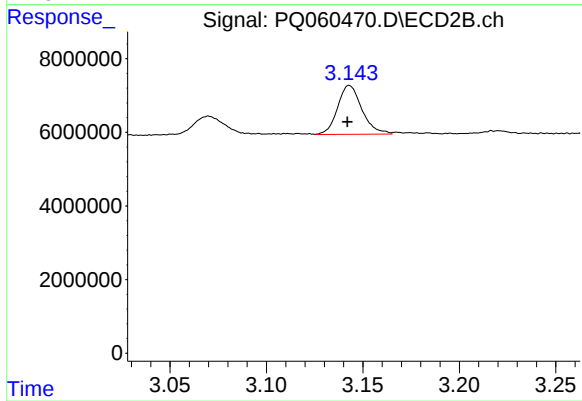
#9 AR-1221-2

R.T.: 3.070 min
Delta R.T.: -0.004 min
Response: 5876781
Conc: 70.60 ng/ml



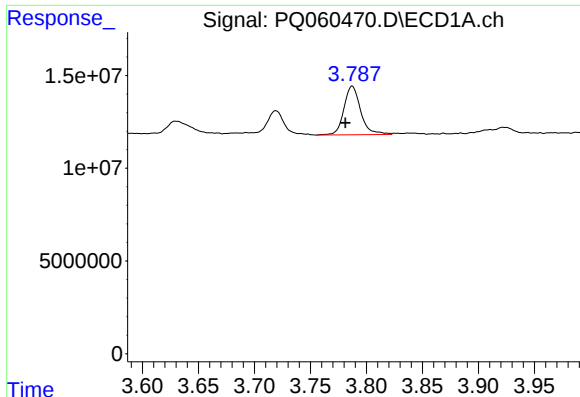
#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.005 min
Response: 27325171
Conc: 52.23 ng/ml



#10 AR-1221-3

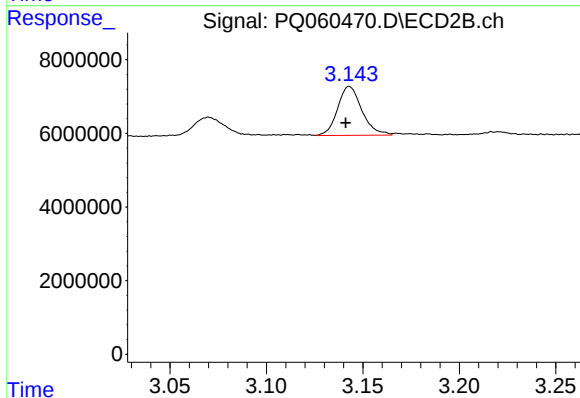
R.T.: 3.143 min
Delta R.T.: 0.001 min
Response: 11639202
Conc: 45.05 ng/ml



#11 AR-1232-1

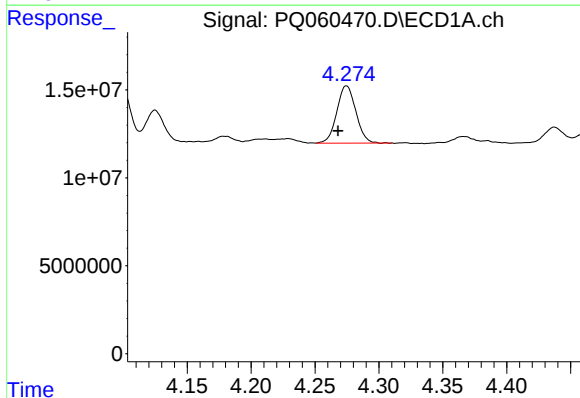
R.T.: 3.787 min
Delta R.T.: 0.006 min
Response: 27325171
Conc: 52.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



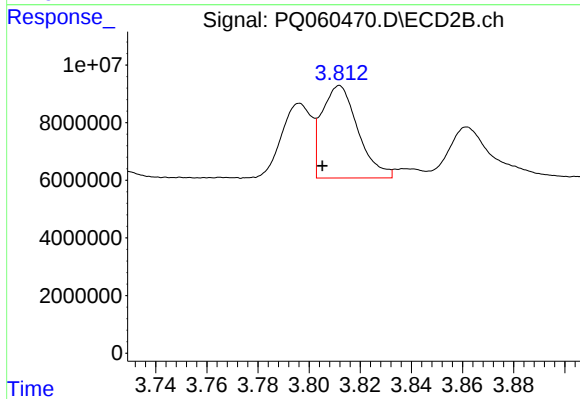
#11 AR-1232-1

R.T.: 3.143 min
Delta R.T.: 0.002 min
Response: 11639202
Conc: 43.48 ng/ml



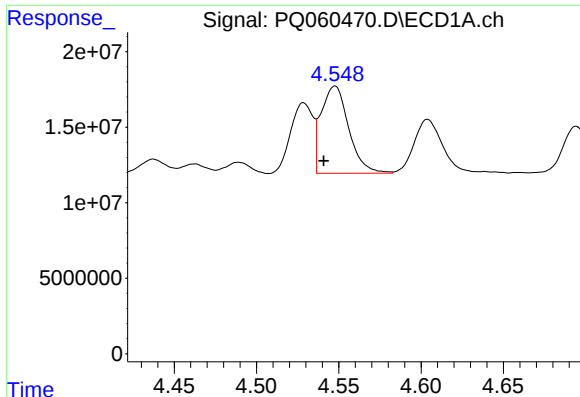
#12 AR-1232-2

R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 33832267
Conc: 126.68 ng/ml



#12 AR-1232-2

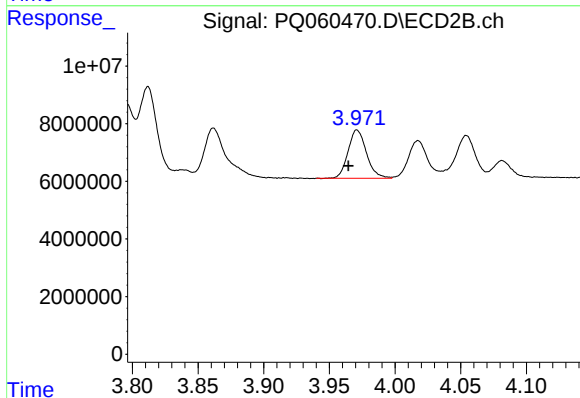
R.T.: 3.812 min
Delta R.T.: 0.007 min
Response: 31455949
Conc: 117.13 ng/ml



#13 AR-1232-3

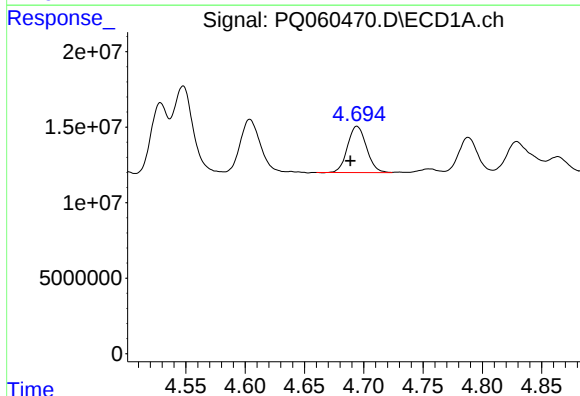
R.T.: 4.548 min
Delta R.T.: 0.007 min
Response: 67285564
Conc: 123.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



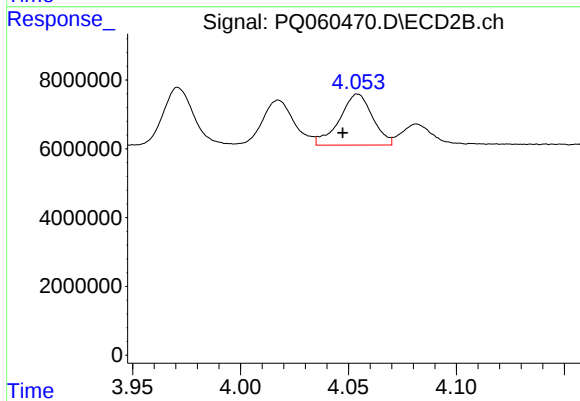
#13 AR-1232-3

R.T.: 3.971 min
Delta R.T.: 0.006 min
Response: 16422397
Conc: 117.92 ng/ml



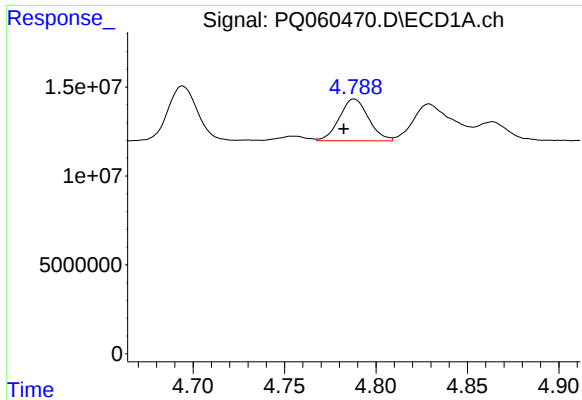
#14 AR-1232-4

R.T.: 4.694 min
Delta R.T.: 0.005 min
Response: 33952905
Conc: 125.67 ng/ml



#14 AR-1232-4

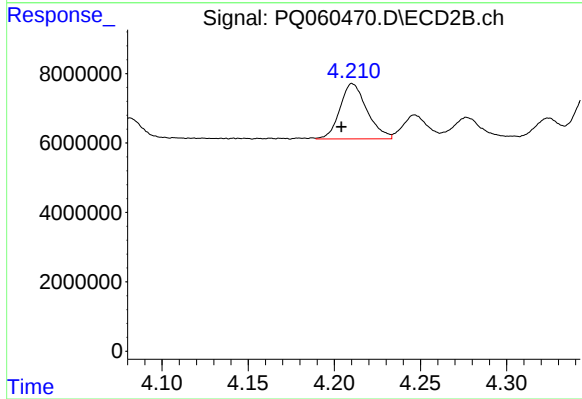
R.T.: 4.054 min
Delta R.T.: 0.007 min
Response: 15821408
Conc: 133.31 ng/ml



#15 AR-1232-5

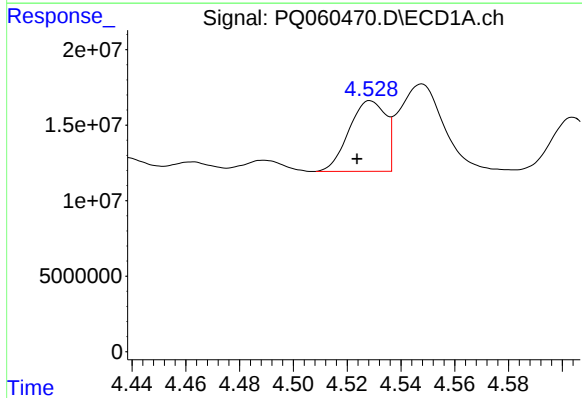
R.T.: 4.788 min
Delta R.T.: 0.006 min
Response: 26106523
Conc: 139.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



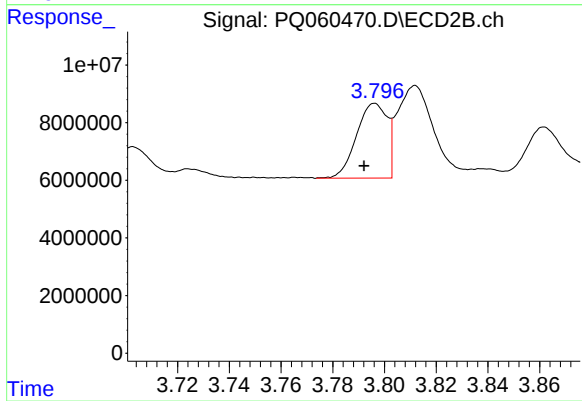
#15 AR-1232-5

R.T.: 4.210 min
Delta R.T.: 0.006 min
Response: 17407529
Conc: 127.74 ng/ml



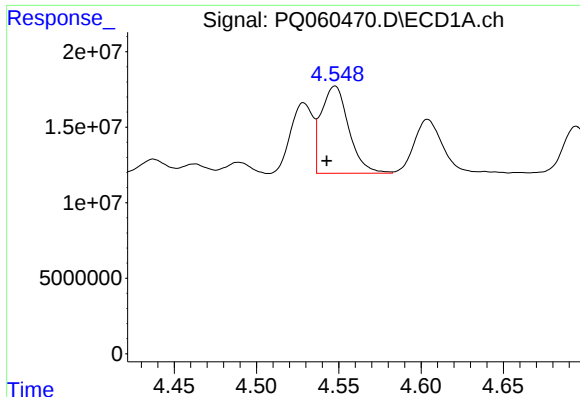
#16 AR-1242-1

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 44227617
Conc: 71.62 ng/ml



#16 AR-1242-1

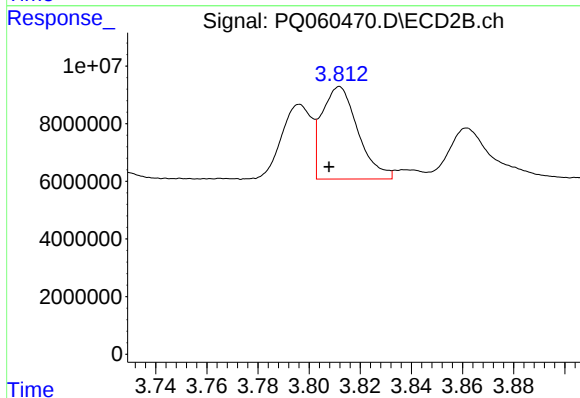
R.T.: 3.796 min
Delta R.T.: 0.004 min
Response: 21302157
Conc: 66.25 ng/ml



#17 AR-1242-2

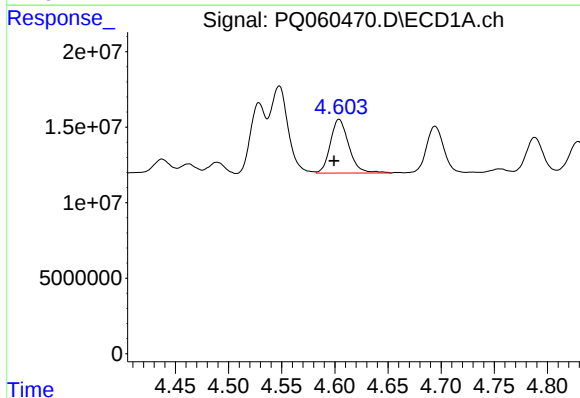
R.T.: 4.548 min
Delta R.T.: 0.005 min
Response: 67285564
Conc: 71.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



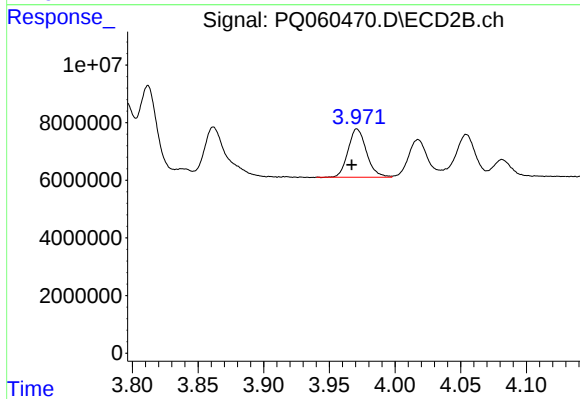
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: 0.004 min
Response: 31455949
Conc: 65.66 ng/ml



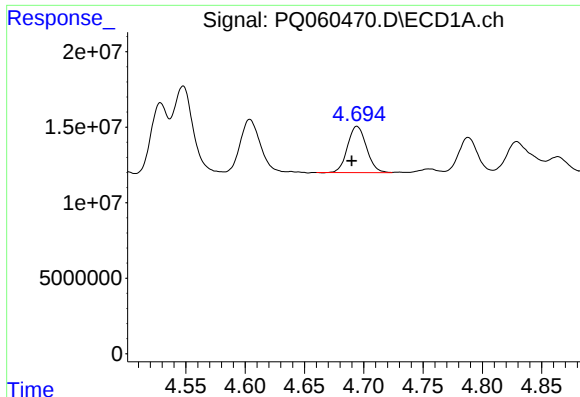
#18 AR-1242-3

R.T.: 4.604 min
Delta R.T.: 0.005 min
Response: 43106328
Conc: 74.63 ng/ml



#18 AR-1242-3

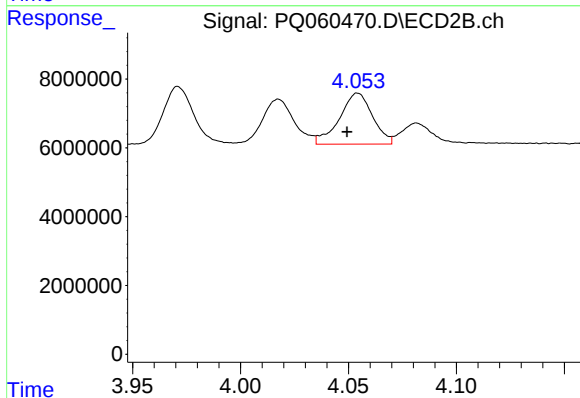
R.T.: 3.971 min
Delta R.T.: 0.004 min
Response: 16422397
Conc: 63.35 ng/ml



#19 AR-1242-4

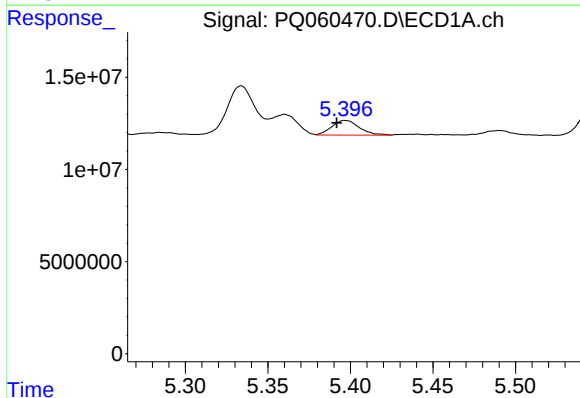
R.T.: 4.694 min
Delta R.T.: 0.004 min
Response: 33952905
Conc: 69.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



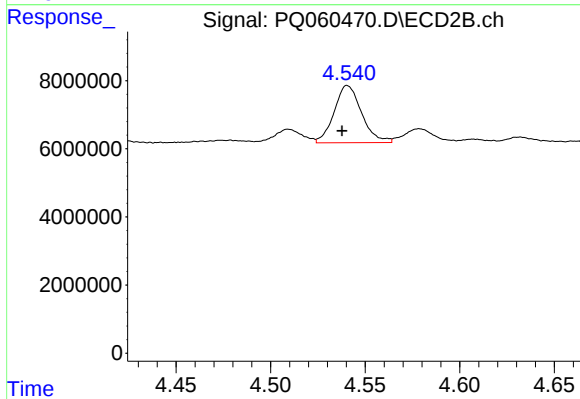
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: 0.005 min
Response: 15821408
Conc: 66.10 ng/ml



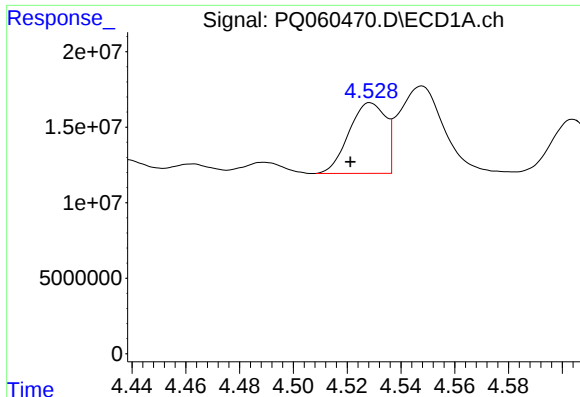
#20 AR-1242-5

R.T.: 5.397 min
Delta R.T.: 0.005 min
Response: 9308585
Conc: 18.66 ng/ml



#20 AR-1242-5

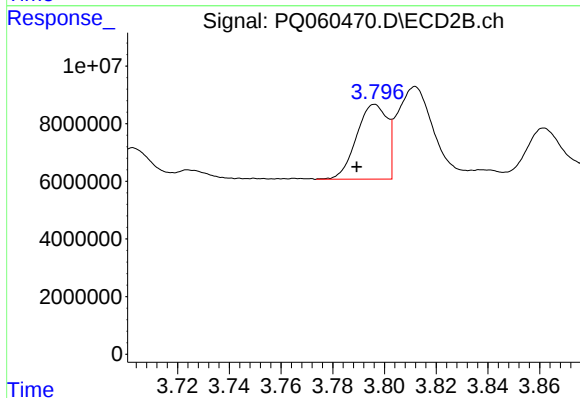
R.T.: 4.541 min
Delta R.T.: 0.003 min
Response: 16982455
Conc: 55.00 ng/ml



#21 AR-1248-1

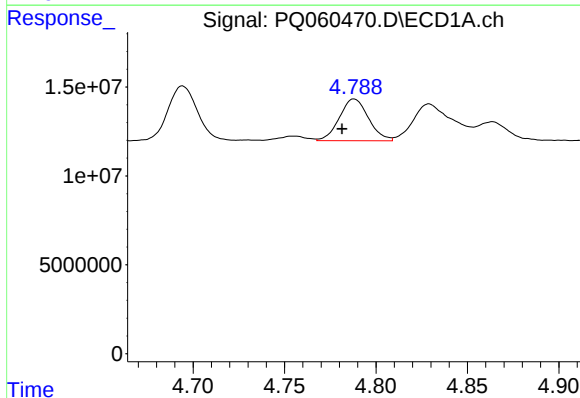
R.T.: 4.529 min
Delta R.T.: 0.007 min
Response: 44227617
Conc: 92.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



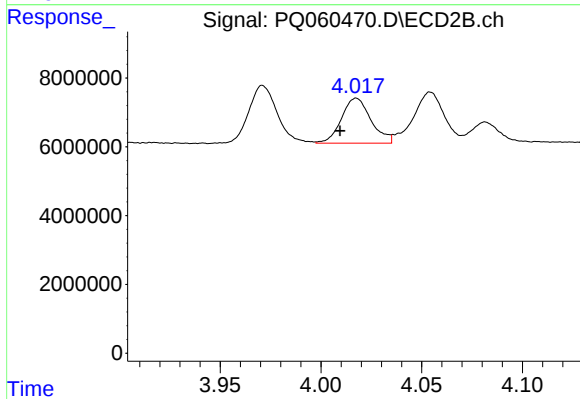
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.007 min
Response: 21302157
Conc: 86.97 ng/ml



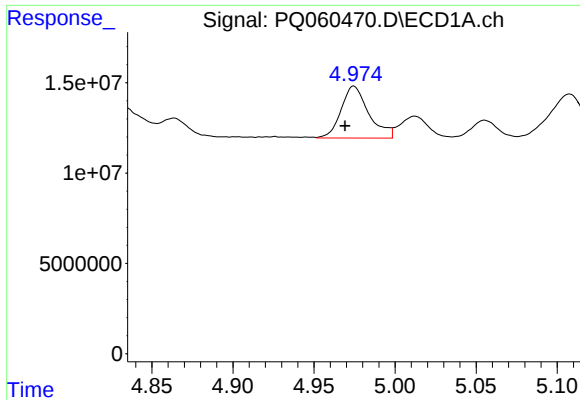
#22 AR-1248-2

R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 26106523
Conc: 41.98 ng/ml



#22 AR-1248-2

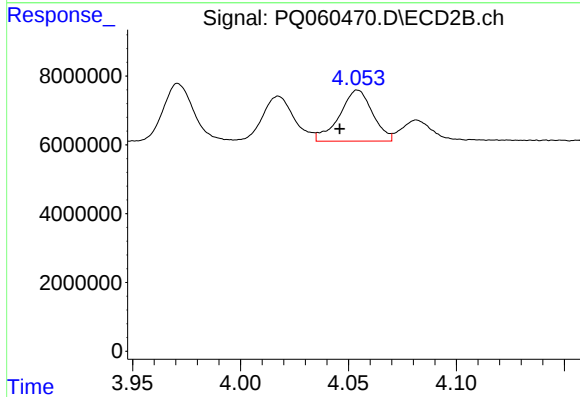
R.T.: 4.018 min
Delta R.T.: 0.008 min
Response: 13329833
Conc: 38.71 ng/ml



#23 AR-1248-3

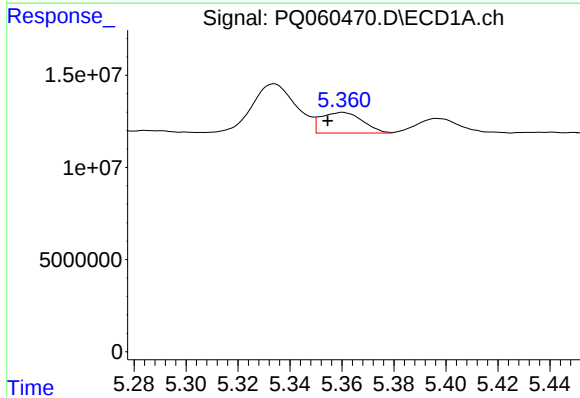
R.T.: 4.975 min
Delta R.T.: 0.005 min
Response: 34160263
Conc: 45.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



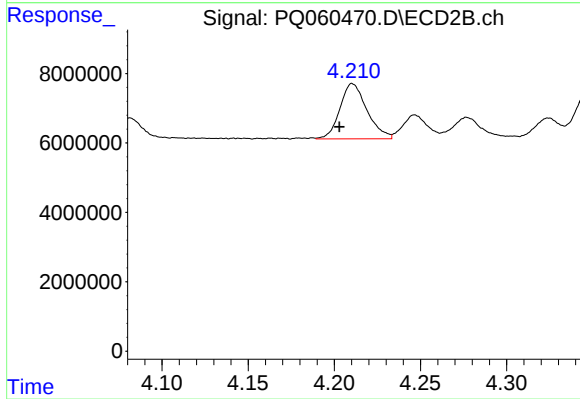
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: 0.008 min
Response: 15821408
Conc: 45.38 ng/ml



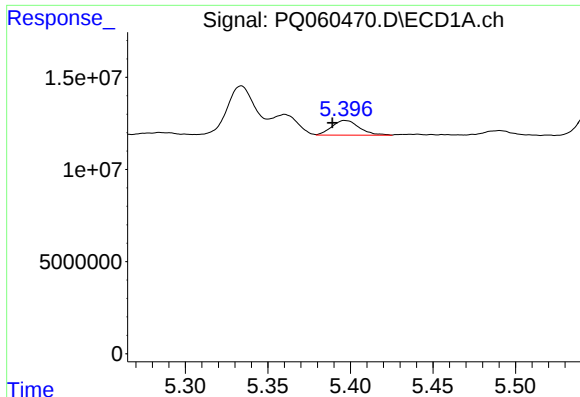
#24 AR-1248-4

R.T.: 5.360 min
Delta R.T.: 0.006 min
Response: 12392499
Conc: 14.84 ng/ml



#24 AR-1248-4

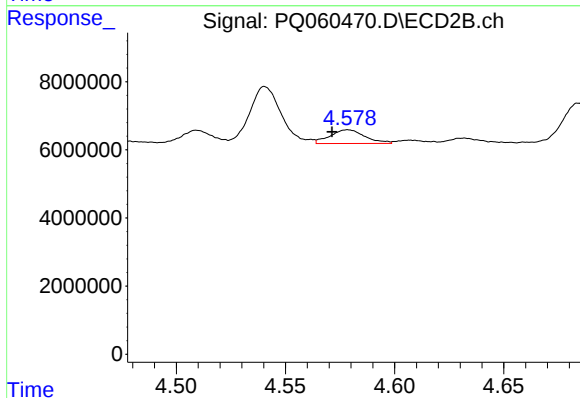
R.T.: 4.210 min
Delta R.T.: 0.007 min
Response: 17407529
Conc: 41.13 ng/ml



#25 AR-1248-5

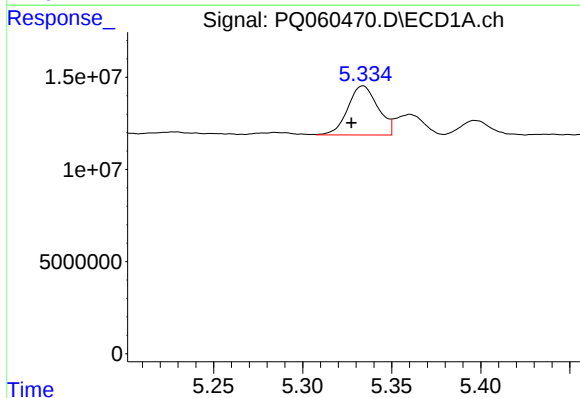
R.T.: 5.397 min
Delta R.T.: 0.008 min
Response: 9308585
Conc: 11.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



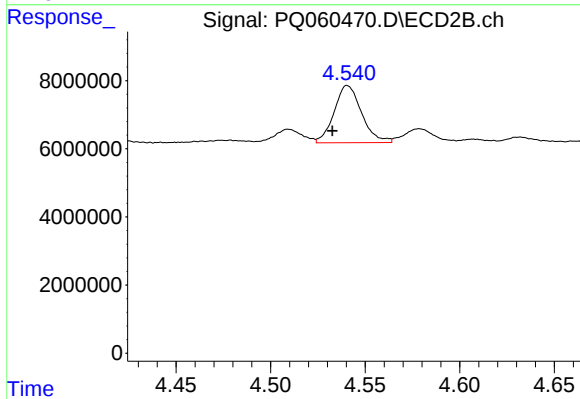
#25 AR-1248-5

R.T.: 4.579 min
Delta R.T.: 0.007 min
Response: 4499653
Conc: 10.57 ng/ml



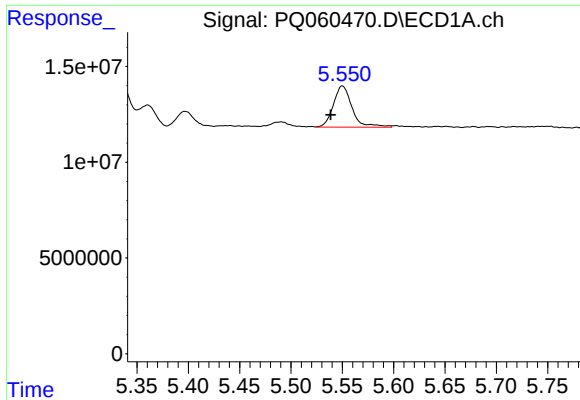
#26 AR-1254-1

R.T.: 5.334 min
Delta R.T.: 0.007 min
Response: 31317311
Conc: 37.44 ng/ml



#26 AR-1254-1

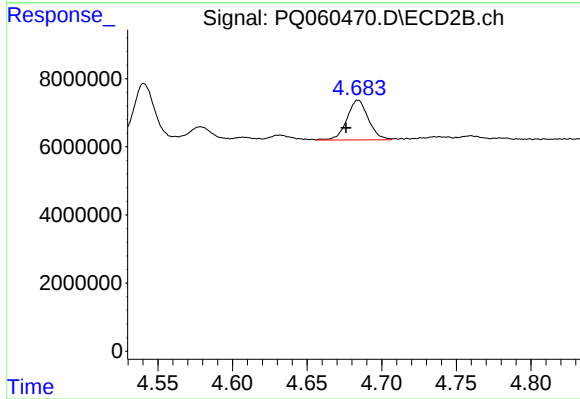
R.T.: 4.541 min
Delta R.T.: 0.008 min
Response: 16982455
Conc: 26.23 ng/ml



#27 AR-1254-2

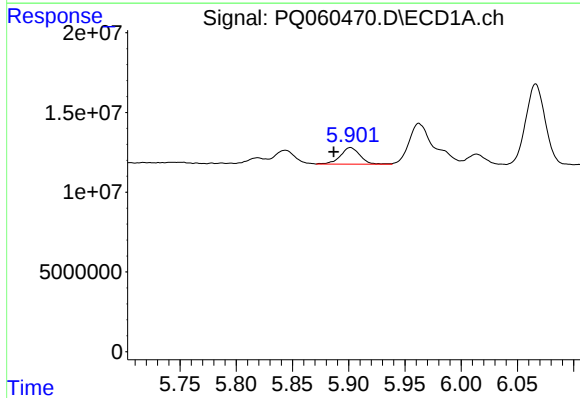
R.T.: 5.550 min
Delta R.T.: 0.011 min
Response: 27321489
Conc: 21.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



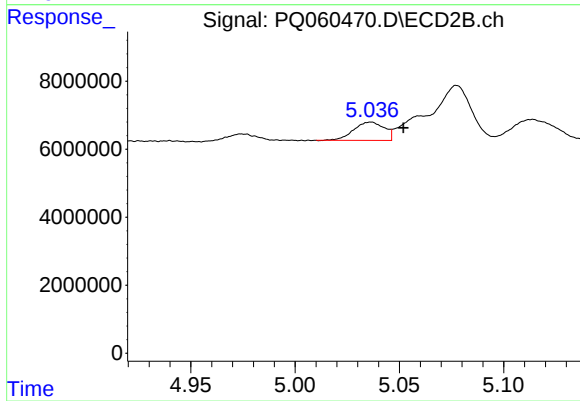
#27 AR-1254-2

R.T.: 4.684 min
Delta R.T.: 0.008 min
Response: 11685996
Conc: 21.21 ng/ml



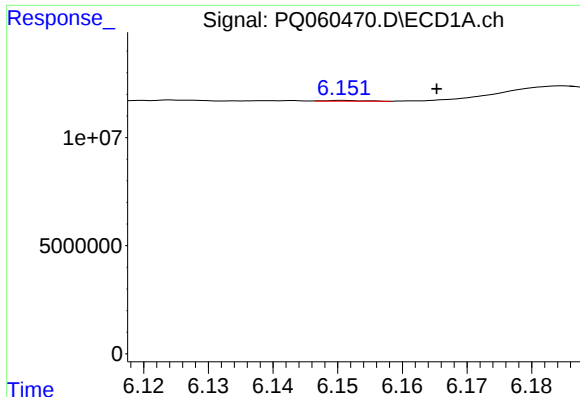
#28 AR-1254-3

R.T.: 5.901 min
Delta R.T.: 0.015 min
Response: 12526273
Conc: 9.22 ng/ml



#28 AR-1254-3

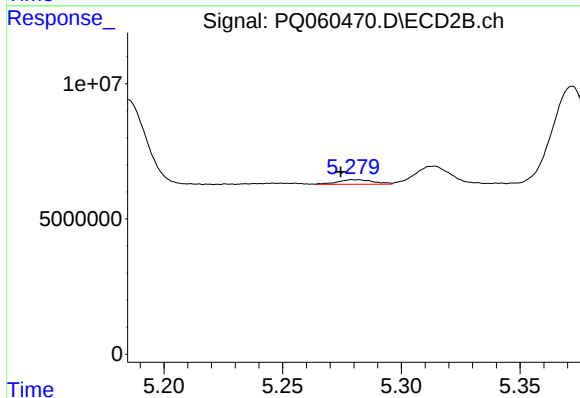
R.T.: 5.037 min
Delta R.T.: -0.015 min
Response: 5497295
Conc: 6.41 ng/ml



#29 AR-1254-4

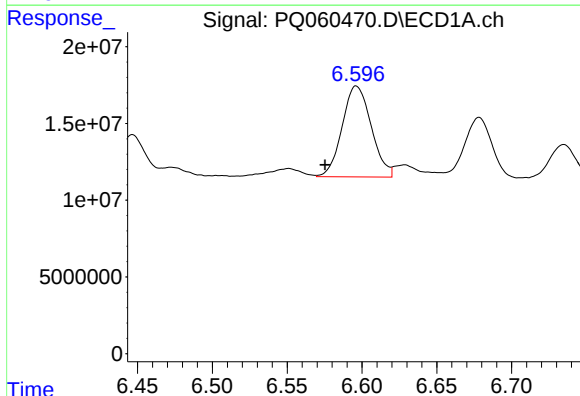
R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 157308
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



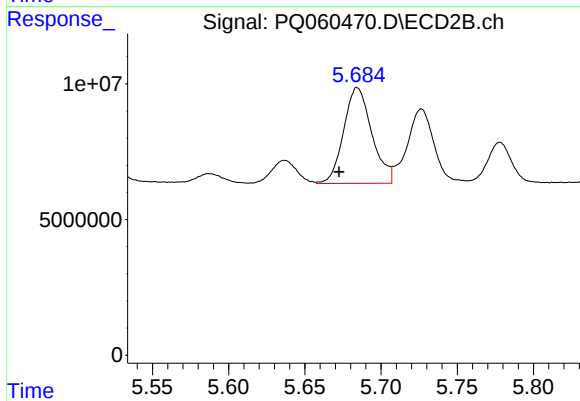
#29 AR-1254-4

R.T.: 5.279 min
Delta R.T.: 0.005 min
Response: 1761748
Conc: 3.15 ng/ml



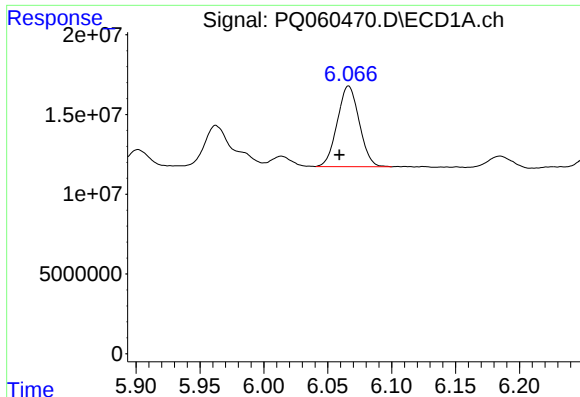
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.021 min
Response: 80202607
Conc: 76.40 ng/ml



#30 AR-1254-5

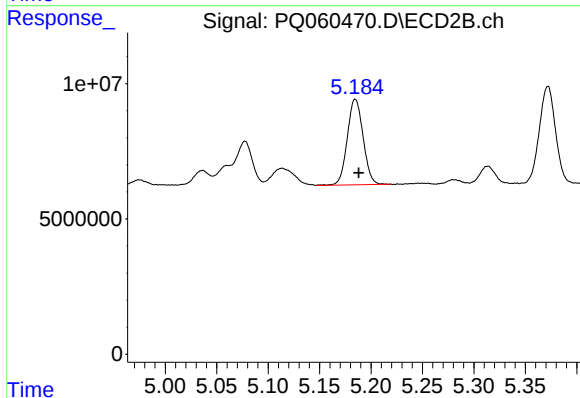
R.T.: 5.684 min
Delta R.T.: 0.012 min
Response: 45528511
Conc: 56.17 ng/ml



#31 AR-1260-1

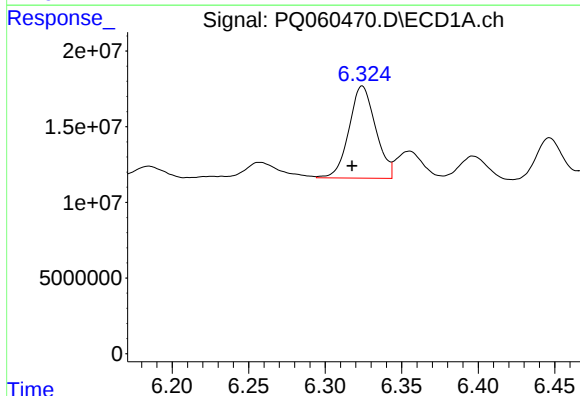
R.T.: 6.066 min
Delta R.T.: 0.007 min
Response: 60507701
Conc: 57.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



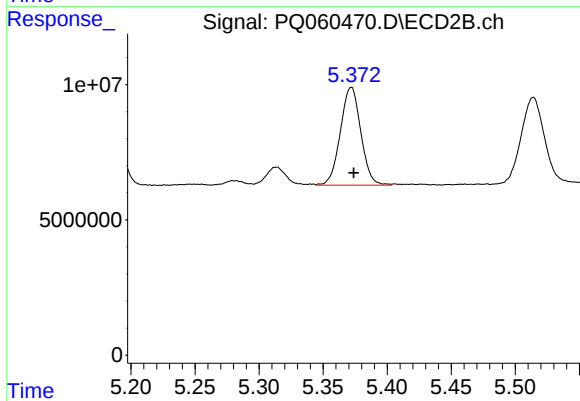
#31 AR-1260-1

R.T.: 5.185 min
Delta R.T.: -0.004 min
Response: 33965939
Conc: 55.30 ng/ml



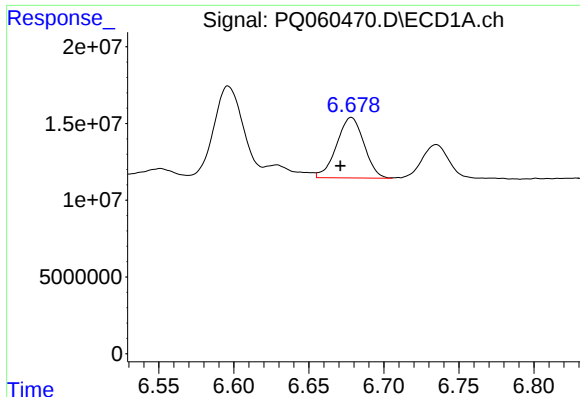
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.007 min
Response: 73740539
Conc: 59.46 ng/ml



#32 AR-1260-2

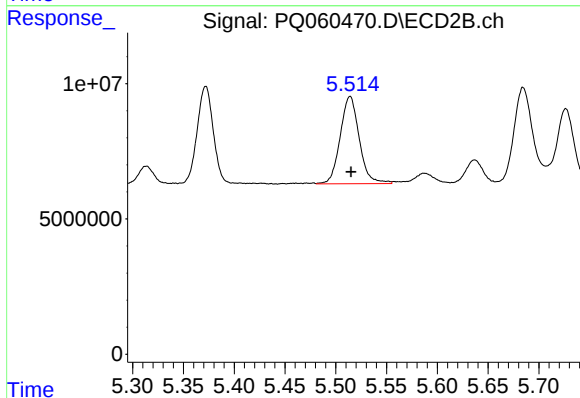
R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 40175077
Conc: 53.88 ng/ml



#33 AR-1260-3

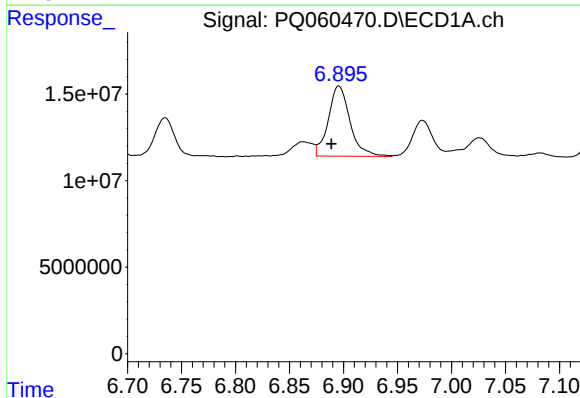
R.T.: 6.678 min
Delta R.T.: 0.007 min
Response: 49942745
Conc: 55.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



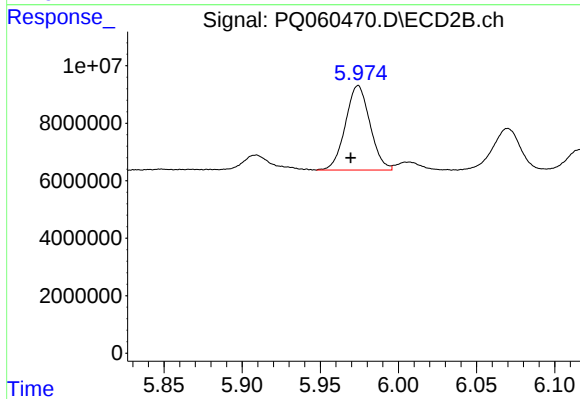
#33 AR-1260-3

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 42168370
Conc: 58.02 ng/ml



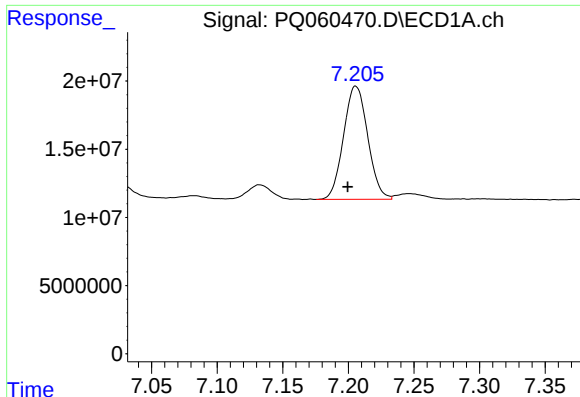
#34 AR-1260-4

R.T.: 6.896 min
Delta R.T.: 0.007 min
Response: 56666887
Conc: 57.51 ng/ml



#34 AR-1260-4

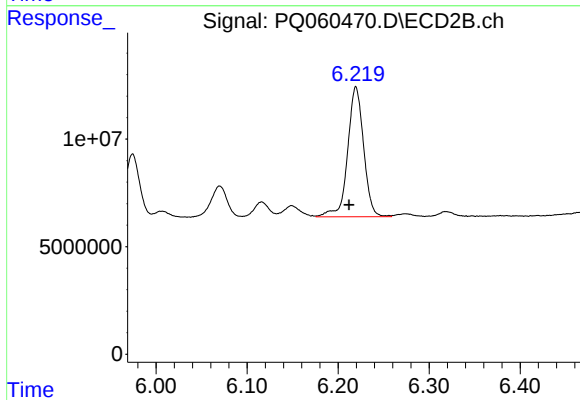
R.T.: 5.974 min
Delta R.T.: 0.005 min
Response: 32158274
Conc: 54.56 ng/ml



#35 AR-1260-5

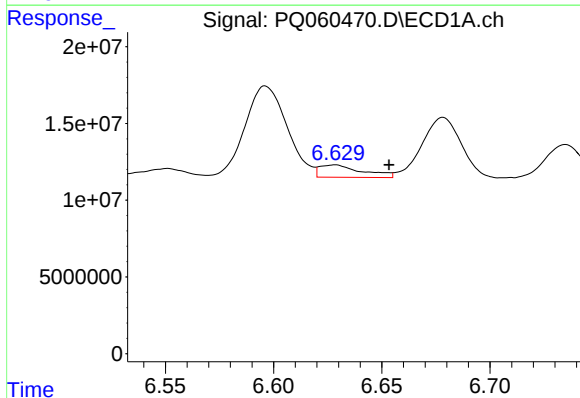
R.T.: 7.206 min
Delta R.T.: 0.006 min
Response: 106774754
Conc: 54.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



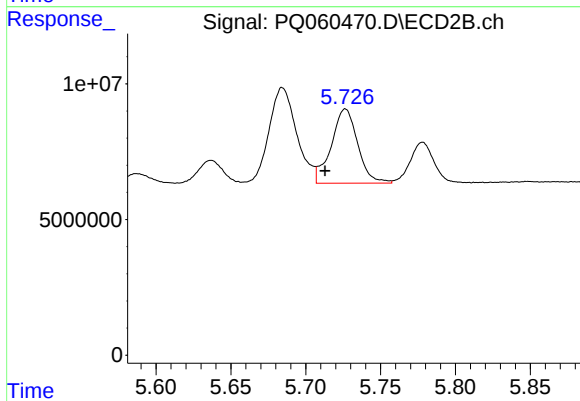
#35 AR-1260-5

R.T.: 6.220 min
Delta R.T.: 0.007 min
Response: 73752495
Conc: 53.62 ng/ml



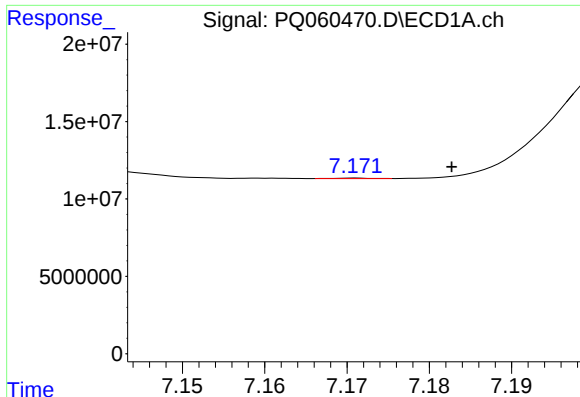
#36 AR-1262-1

R.T.: 6.628 min
Delta R.T.: -0.025 min
Response: 11035797
Conc: 9.60 ng/ml



#36 AR-1262-1

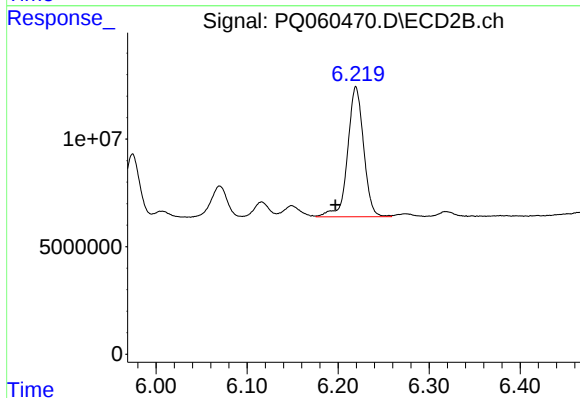
R.T.: 5.726 min
Delta R.T.: 0.014 min
Response: 33765940
Conc: 43.18 ng/ml



#37 AR-1262-2

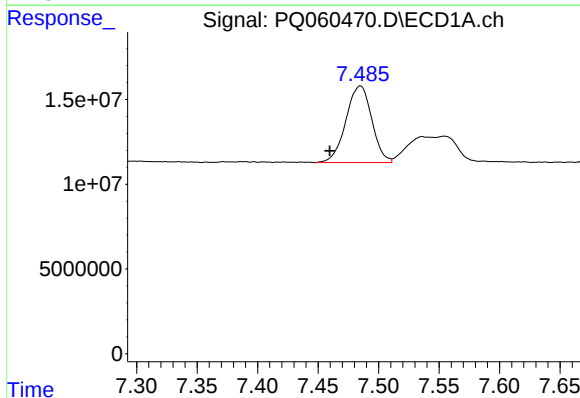
R.T.: 7.171 min
Delta R.T.: -0.012 min
Response: 82790
Conc: 0.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



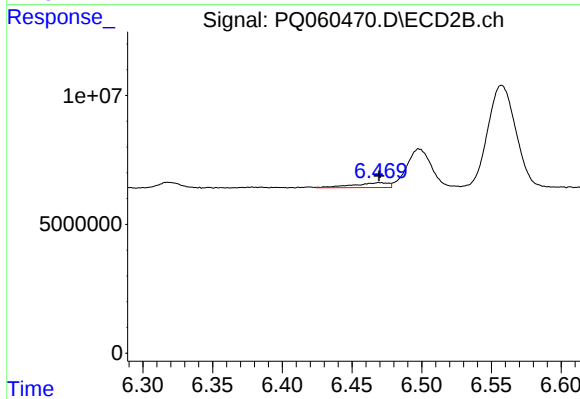
#37 AR-1262-2

R.T.: 6.220 min
Delta R.T.: 0.022 min
Response: 73752495
Conc: 51.97 ng/ml



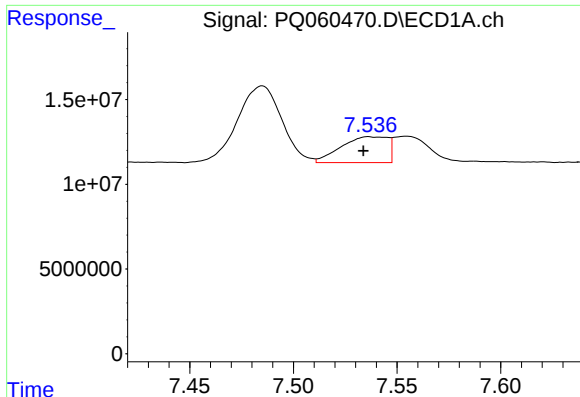
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.025 min
Response: 67466968
Conc: 51.55 ng/ml



#38 AR-1262-3

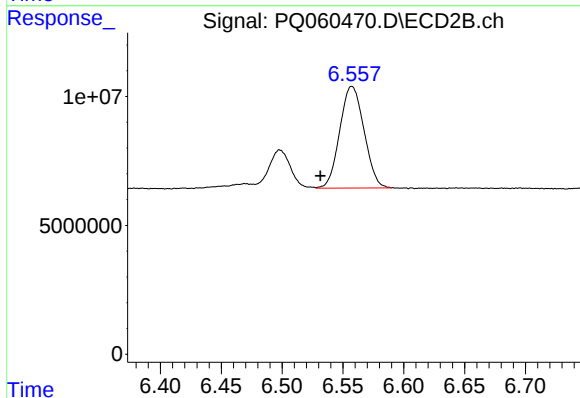
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 3366519
Conc: 5.93 ng/ml



#39 AR-1262-4

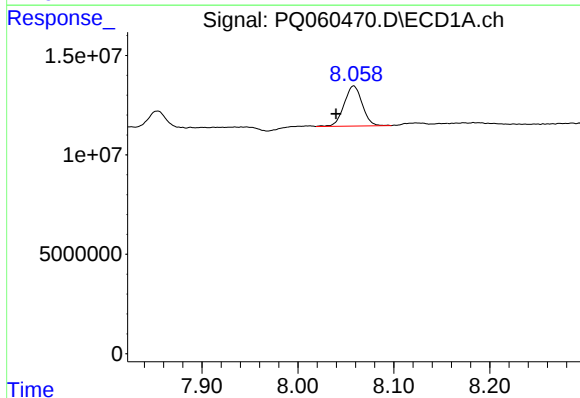
R.T.: 7.536 min
Delta R.T.: 0.003 min
Response: 24026563
Conc: 23.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



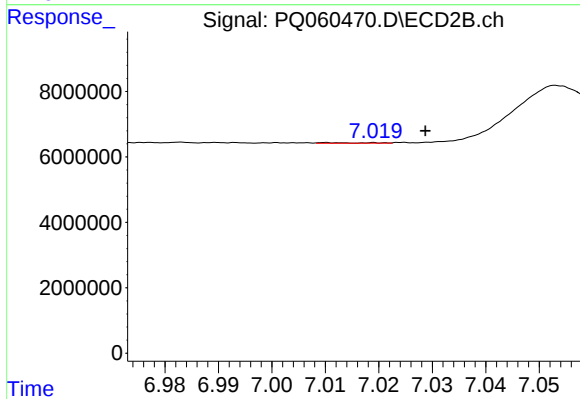
#39 AR-1262-4

R.T.: 6.557 min
Delta R.T.: 0.026 min
Response: 54817660
Conc: 51.31 ng/ml



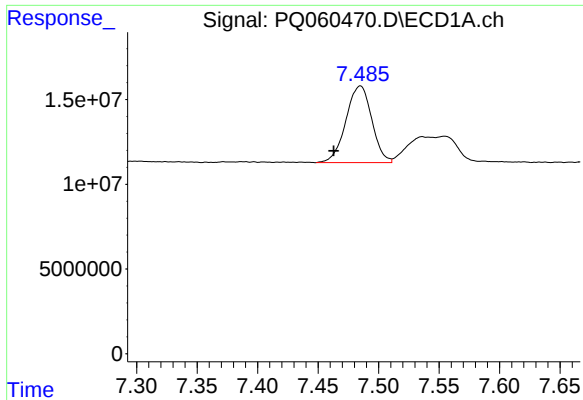
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.018 min
Response: 26656949
Conc: 40.99 ng/ml



#40 AR-1262-5

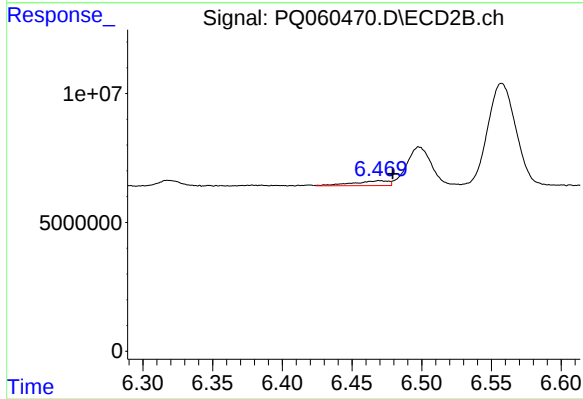
R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 115034
Conc: 0.22 ng/ml



#41 AR-1268-1

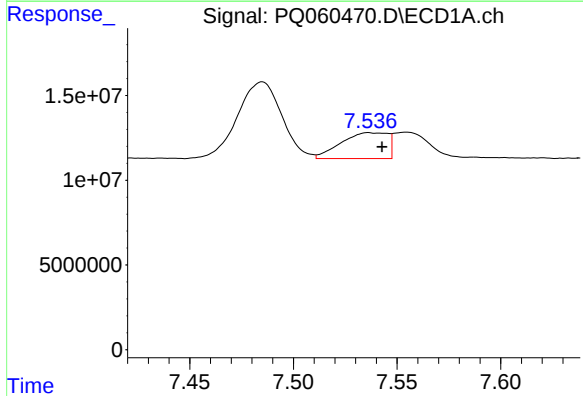
R.T.: 7.485 min
Delta R.T.: 0.022 min
Response: 67466968
Conc: 29.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



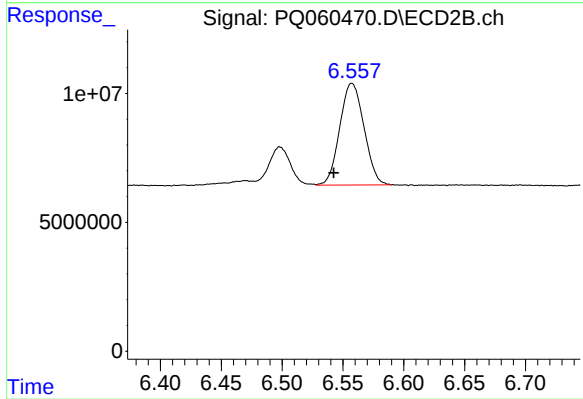
#41 AR-1268-1

R.T.: 6.470 min
Delta R.T.: -0.009 min
Response: 3366519
Conc: 1.99 ng/ml



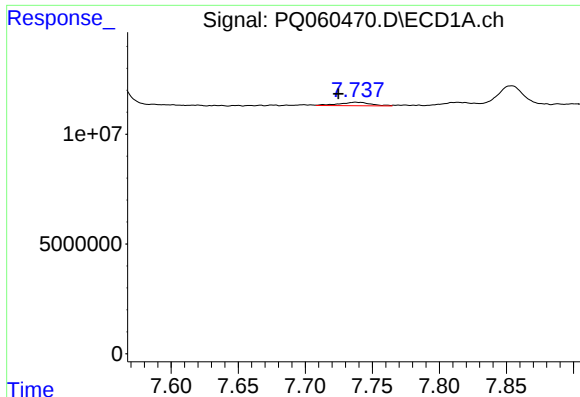
#42 AR-1268-2

R.T.: 7.536 min
Delta R.T.: -0.007 min
Response: 24026563
Conc: 11.32 ng/ml



#42 AR-1268-2

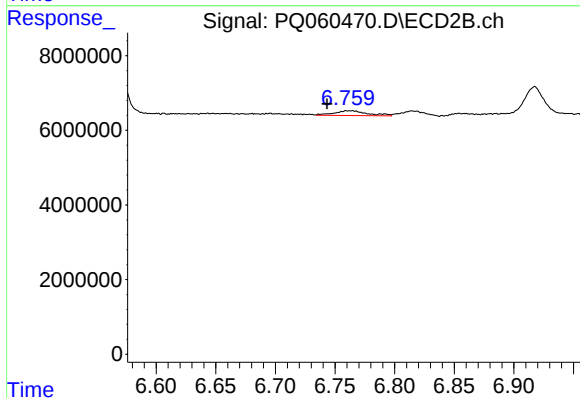
R.T.: 6.557 min
Delta R.T.: 0.015 min
Response: 54817660
Conc: 35.22 ng/ml



#43 AR-1268-3

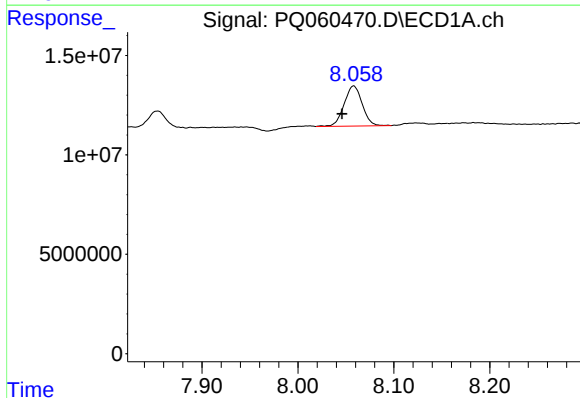
R.T.: 7.738 min
Delta R.T.: 0.013 min
Response: 2582980
Conc: 1.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



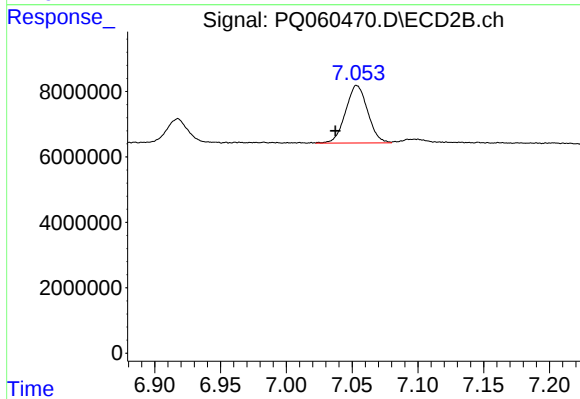
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.020 min
Response: 2444404
Conc: 1.80 ng/ml



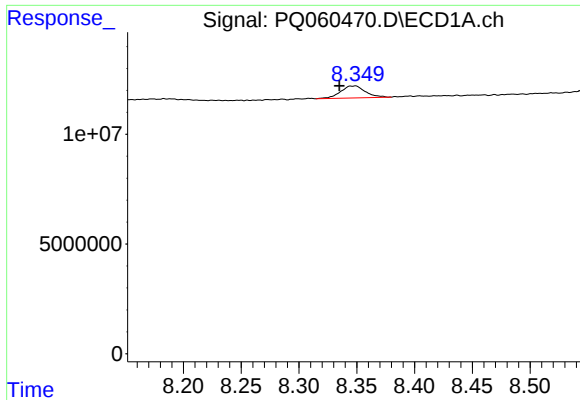
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.012 min
Response: 26656949
Conc: 35.87 ng/ml



#44 AR-1268-4

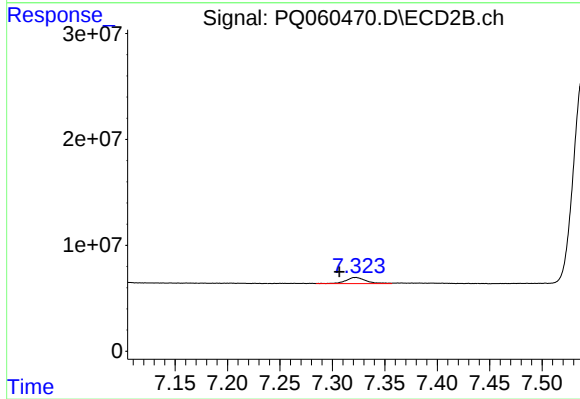
R.T.: 7.054 min
Delta R.T.: 0.016 min
Response: 20549677
Conc: 34.82 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: 0.013 min
Response: 8064523
Conc: 1.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.322 min
Delta R.T.: 0.015 min
Response: 7598012
Conc: 1.78 ng/ml