

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101122\
 Data File : PQ059602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2022 10:43
 Operator : YP\AJ
 Sample : N4924-07DL2 40X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 17:32:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 06 10:42:33 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.483	2.829	7722643	3749234	0.561	0.414 #
2)	SA Decachlor...	8.653	7.604	5676325	8559777	1.143	1.121
Target Compounds							
3)	L1 AR-1016-1	4.584	3.836	5644529	2681501	13.459	9.509 #
4)	L1 AR-1016-2	4.616	3.853	22792001	1260707	36.765	2.968 #
5)	L1 AR-1016-3	4.673	4.013	33507337	1307063	84.896	5.877 #
6)	L1 AR-1016-4	4.752	4.061	3701372	12851146	11.241	75.169 #
7)	L1 AR-1016-5	5.039	4.259	7236721	3913226	23.070	17.369
8)	L2 AR-1221-1	3.643f	3.031	76214	171258	0.515	1.724 #
9)	L2 AR-1221-2	3.768	3.106	146099	263223	1.412	3.845 #
10)	L2 AR-1221-3	3.832	3.179	300940	506952	0.904	2.210 #
11)	L3 AR-1232-1	3.832	3.179	300940	506952	1.069	2.633 #
12)	L3 AR-1232-2	4.327	3.853	9344183	1260707	63.603	6.694 #
13)	L3 AR-1232-3	4.616	4.013	22792001	1307063	79.865	13.403 #
14)	L3 AR-1232-4	4.752	4.098	3701372	20252300	24.739	248.094 #
15)	L3 AR-1232-5	4.848	4.259	21682737	3913226	206.579	40.982 #
16)	L4 AR-1242-1	4.584	3.836	5644529	2681501	16.204	11.556 #
17)	L4 AR-1242-2	4.616	3.853	22792001	1260707	44.560	3.617 #
18)	L4 AR-1242-3	4.673	4.013	33507337	1307063	103.615	7.153 #
19)	L4 AR-1242-4	4.752	4.098	3701372	20252300	13.736	120.068 #
20)	L4 AR-1242-5	5.470	4.594	25984877	37620613	96.687	170.070 #
21)	L5 AR-1248-1	4.584	3.836	5644529	2681501	21.282	15.083 #
22)	L5 AR-1248-2	4.848	4.061	21682737	12851146	60.819	50.904
23)	L5 AR-1248-3	5.039	4.098	7236721	20252300	16.850	80.214 #
24)	L5 AR-1248-4	5.431	4.259	6506676	3913226	13.998	12.529
25)	L5 AR-1248-5	5.470	4.632	25984877	5236186	56.447	16.665 #
26)	L6 AR-1254-1	5.403	4.594	50619975	37620613	105.548	76.951 #
27)	L6 AR-1254-2	5.619	4.740	88302720	62496180	118.724	144.310
28)	L6 AR-1254-3	5.972	5.123	67945839	43268937	86.839	62.442 #
29)	L6 AR-1254-4	6.254	5.348	55649796	30112680	101.802	69.947 #
30)	L6 AR-1254-5	6.665	5.753	357.0E6	304.4E6	602.234	491.724
31)	L7 AR-1260-1	6.136	5.251	255.8E6	206.5E6	459.797	458.241
32)	L7 AR-1260-2	6.394	5.439	317.5E6	267.6E6	497.337	486.620
33)	L7 AR-1260-3	6.747	5.582	254.8E6	230.0E6	569.829	443.319
34)	L7 AR-1260-4	6.964	6.044	269.8E6	236.2E6	559.450	534.293
35)	L7 AR-1260-5	7.272	6.287	512.2E6	601.1E6	580.901	589.340
36)	L8 AR-1262-1	6.747	5.796	254.8E6	254.5E6	366.494	399.335
37)	L8 AR-1262-2	7.272	6.287	512.2E6	601.1E6	471.160	513.879
38)	L8 AR-1262-3	7.550	6.565	301.2E6	145.0E6	453.022	314.773 #
39)	L8 AR-1262-4	7.619	6.625	199.7E6	458.3E6	634.930	522.992
40)	L8 AR-1262-5	8.123	7.118	120.7E6	173.6E6	422.964	436.813
41)	L9 AR-1268-1	7.550	6.565	301.2E6	145.0E6	257.807	103.036 #

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 Acq On : 11 Oct 2022 10:43
 Operator : YP\AJ
 Sample : N4924-07DL2 40X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

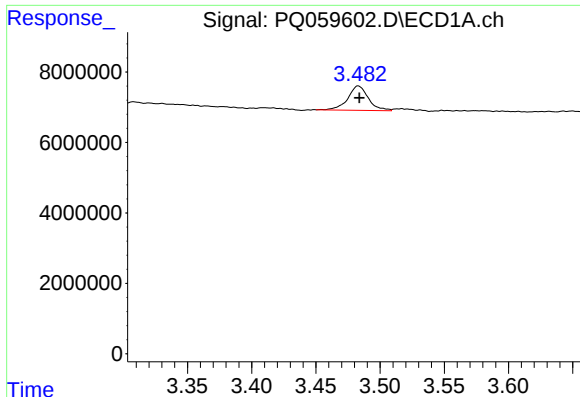
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 17:32:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100422CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.619	6.625	199.7E6	458.3E6	190.862	354.230 #
43) L9	AR-1268-3	7.804	6.829	6079211	8562898	7.232	7.757
44) L9	AR-1268-4	8.123	7.118	120.7E6	173.6E6	373.869	383.224
45) L9	AR-1268-5	8.417	7.386	32071399	49058626	14.239	13.719

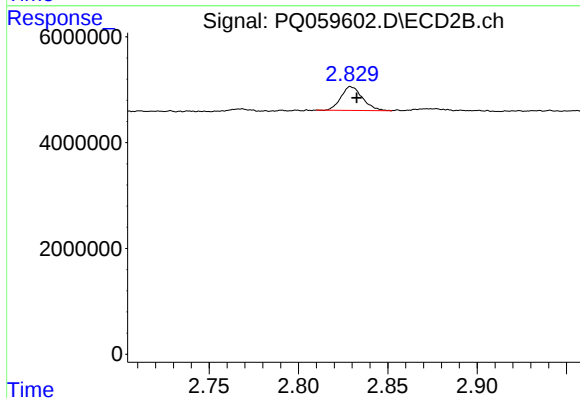
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

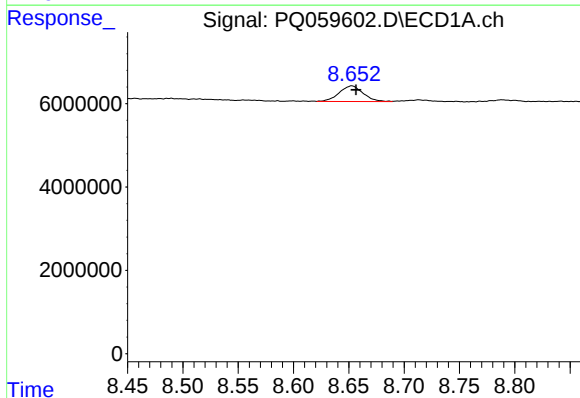
R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 7722643
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



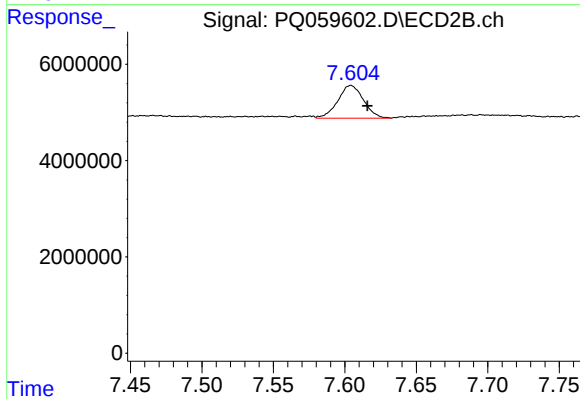
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: -0.003 min
Response: 3749234
Conc: 0.41 ng/ml



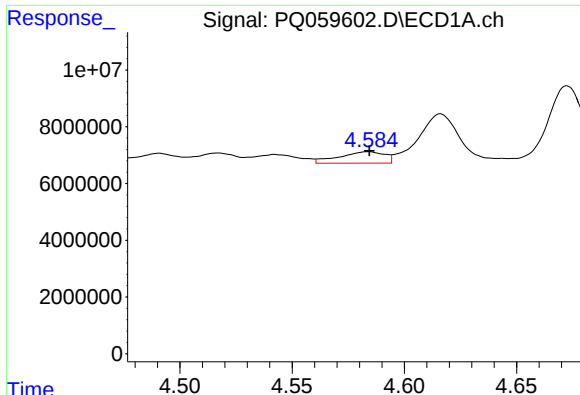
#2 Decachlorobiphenyl

R.T.: 8.653 min
Delta R.T.: -0.004 min
Response: 5676325
Conc: 1.14 ng/ml



#2 Decachlorobiphenyl

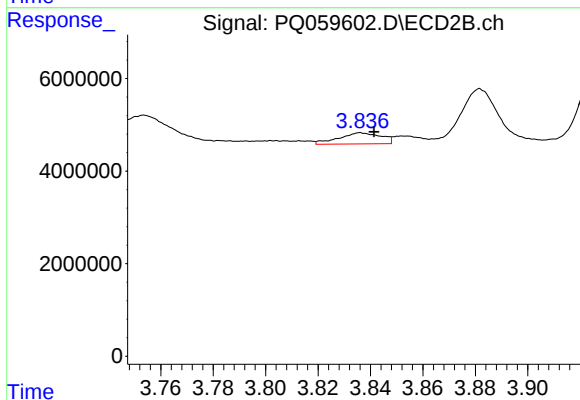
R.T.: 7.604 min
Delta R.T.: -0.012 min
Response: 8559777
Conc: 1.12 ng/ml



#3 AR-1016-1

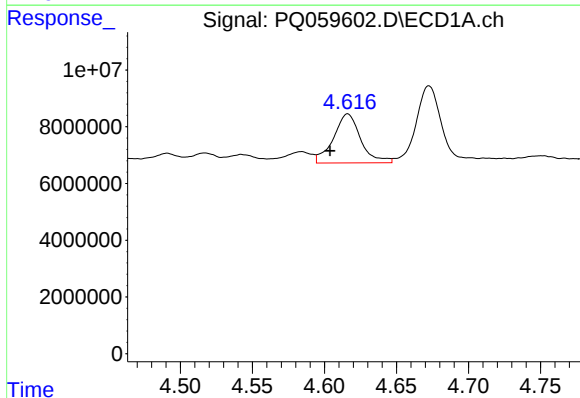
R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 5644529
Conc: 13.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



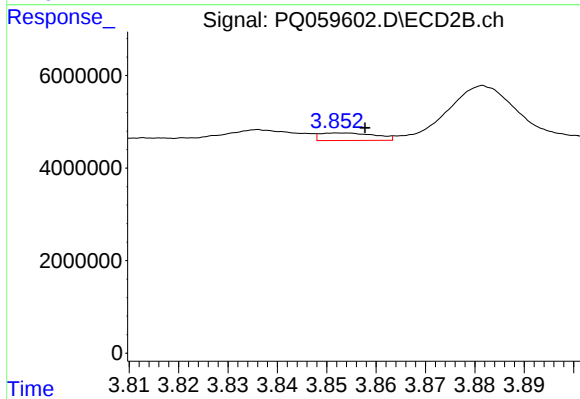
#3 AR-1016-1

R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 2681501
Conc: 9.51 ng/ml



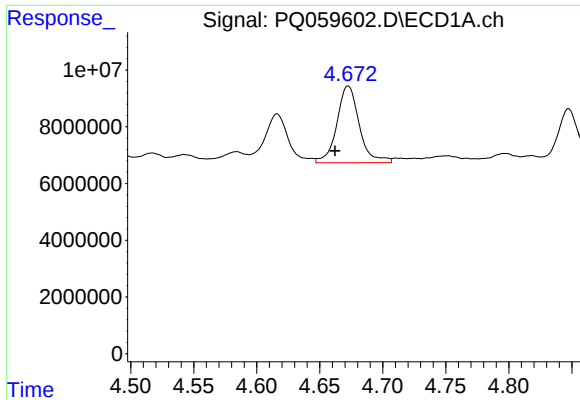
#4 AR-1016-2

R.T.: 4.616 min
Delta R.T.: 0.012 min
Response: 22792001
Conc: 36.76 ng/ml



#4 AR-1016-2

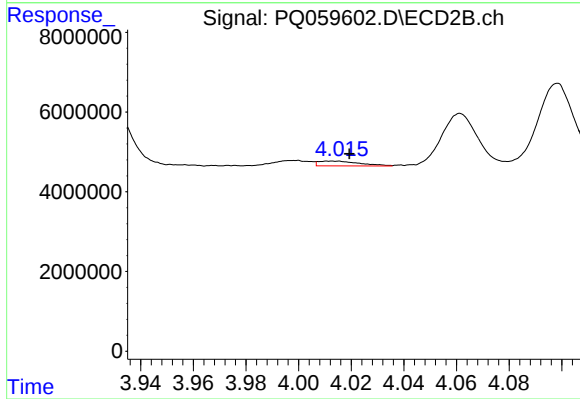
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 1260707
Conc: 2.97 ng/ml



#5 AR-1016-3

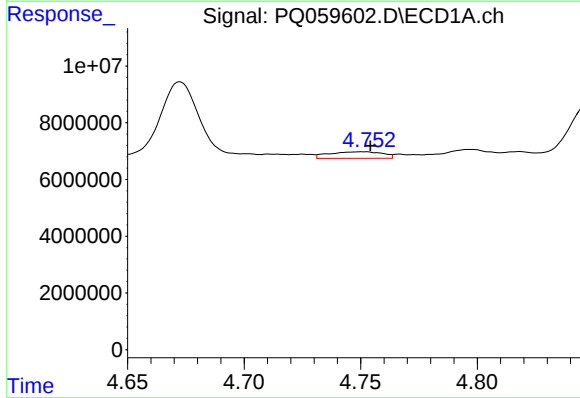
R.T.: 4.673 min
Delta R.T.: 0.010 min
Response: 33507337
Conc: 84.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



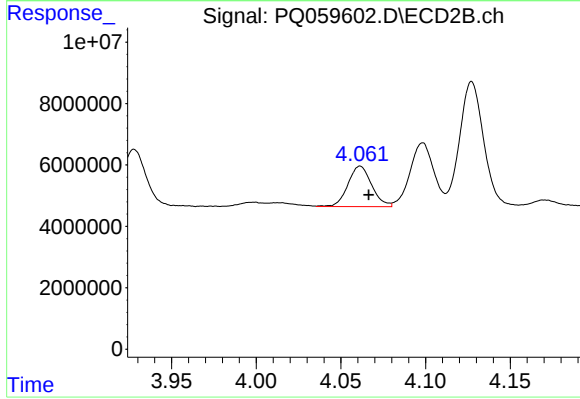
#5 AR-1016-3

R.T.: 4.013 min
Delta R.T.: -0.006 min
Response: 1307063
Conc: 5.88 ng/ml



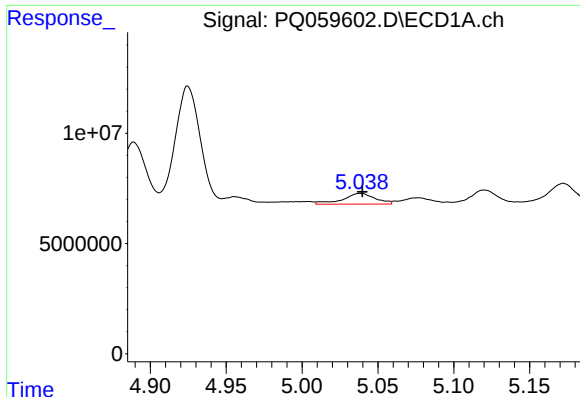
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 3701372
Conc: 11.24 ng/ml



#6 AR-1016-4

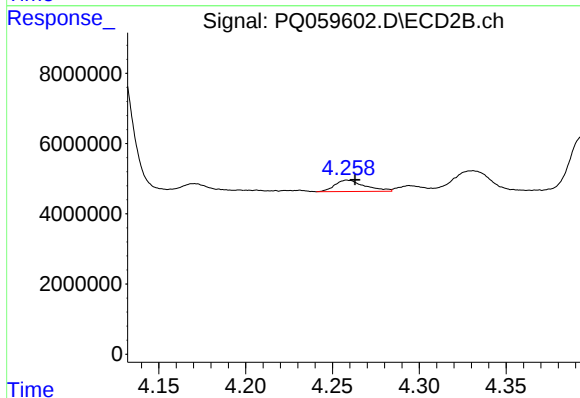
R.T.: 4.061 min
Delta R.T.: -0.005 min
Response: 12851146
Conc: 75.17 ng/ml



#7 AR-1016-5

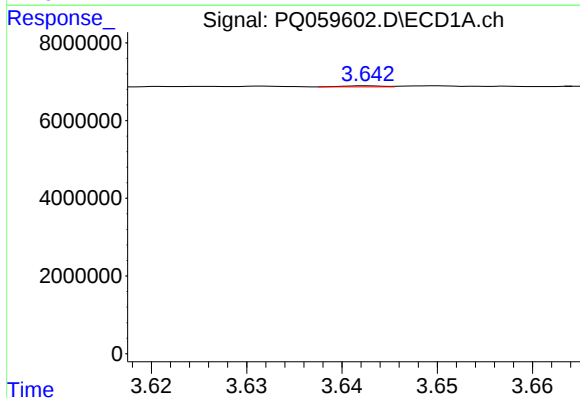
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 7236721
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



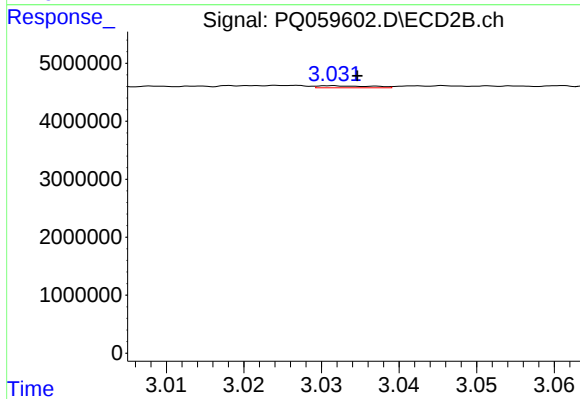
#7 AR-1016-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 3913226
Conc: 17.37 ng/ml



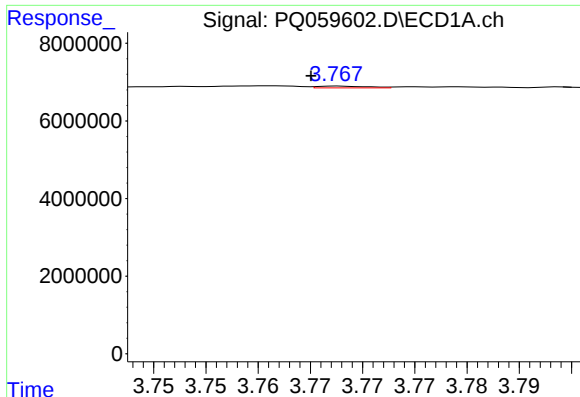
#8 AR-1221-1

R.T.: 3.643 min
Delta R.T.: -0.043 min
Response: 76214
Conc: 0.52 ng/ml



#8 AR-1221-1

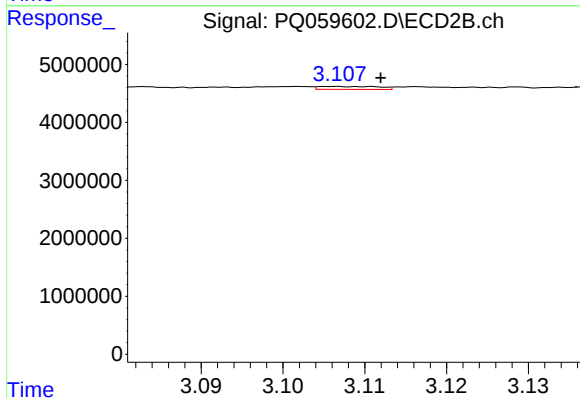
R.T.: 3.031 min
Delta R.T.: -0.003 min
Response: 171258
Conc: 1.72 ng/ml



#9 AR-1221-2

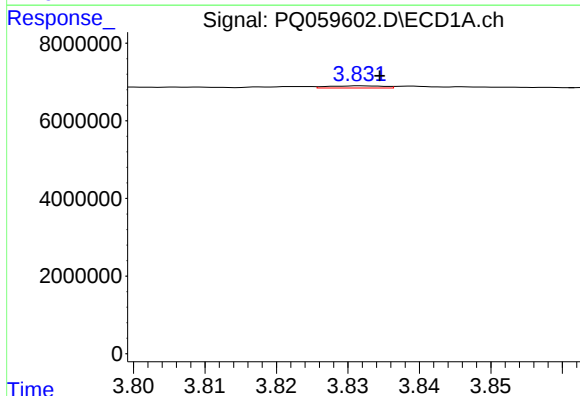
R.T.: 3.768 min
Delta R.T.: 0.003 min
Response: 146099
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



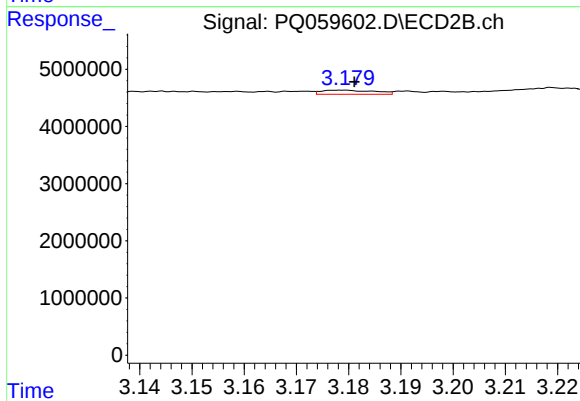
#9 AR-1221-2

R.T.: 3.106 min
Delta R.T.: -0.006 min
Response: 263223
Conc: 3.85 ng/ml



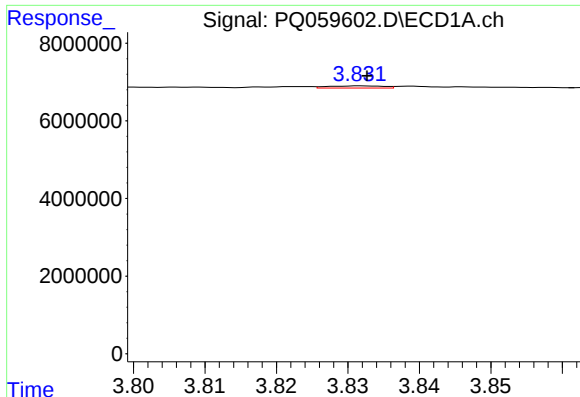
#10 AR-1221-3

R.T.: 3.832 min
Delta R.T.: -0.003 min
Response: 300940
Conc: 0.90 ng/ml



#10 AR-1221-3

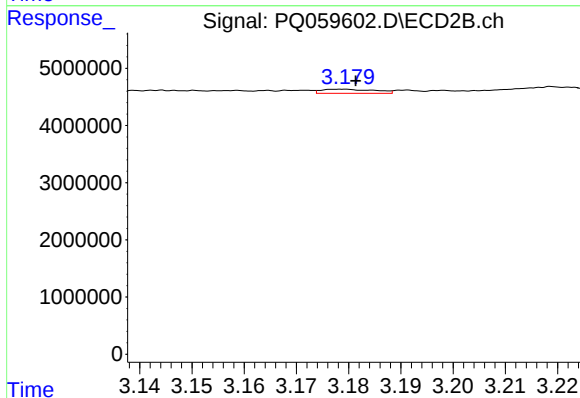
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 506952
Conc: 2.21 ng/ml



#11 AR-1232-1

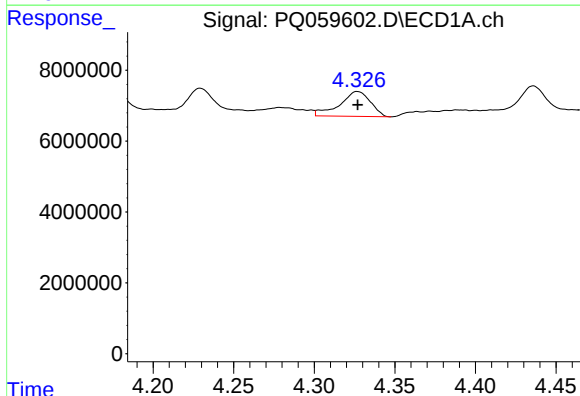
R.T.: 3.832 min
Delta R.T.: 0.000 min
Response: 300940
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



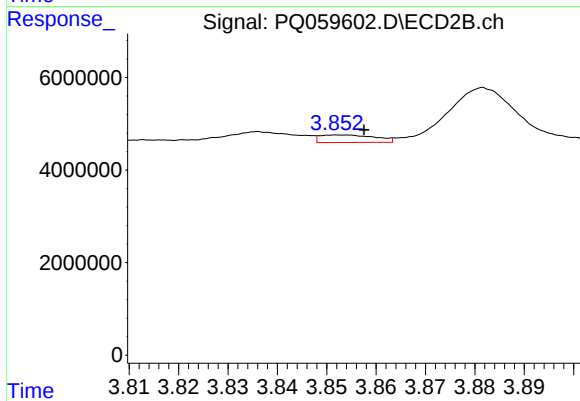
#11 AR-1232-1

R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 506952
Conc: 2.63 ng/ml



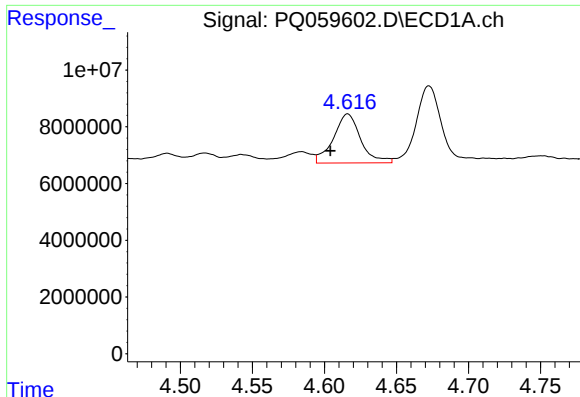
#12 AR-1232-2

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 9344183
Conc: 63.60 ng/ml



#12 AR-1232-2

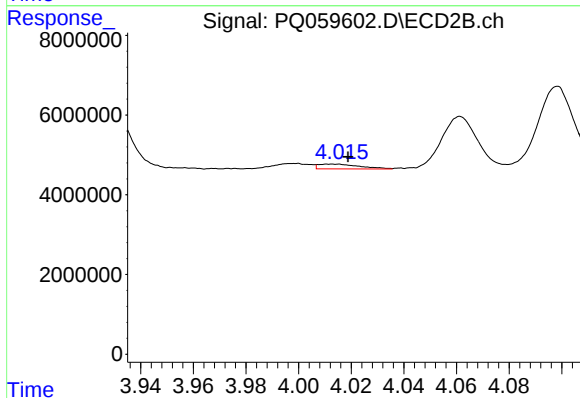
R.T.: 3.853 min
Delta R.T.: -0.005 min
Response: 1260707
Conc: 6.69 ng/ml



#13 AR-1232-3

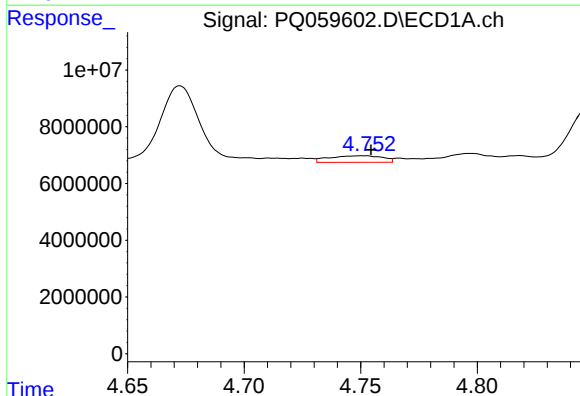
R.T.: 4.616 min
Delta R.T.: 0.012 min
Response: 22792001
Conc: 79.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



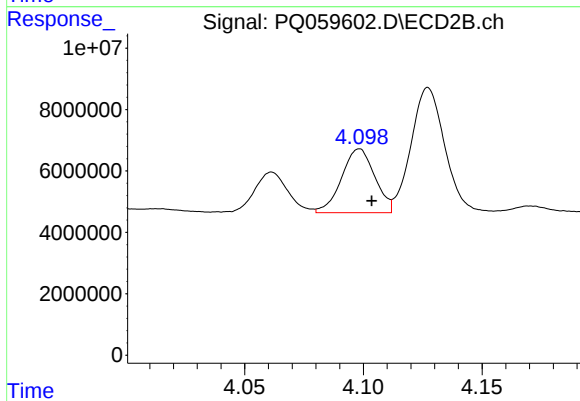
#13 AR-1232-3

R.T.: 4.013 min
Delta R.T.: -0.006 min
Response: 1307063
Conc: 13.40 ng/ml



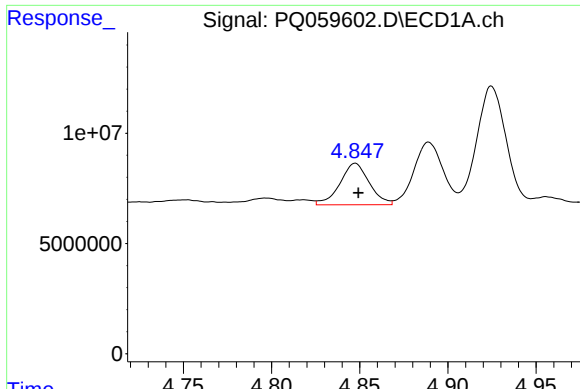
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 3701372
Conc: 24.74 ng/ml



#14 AR-1232-4

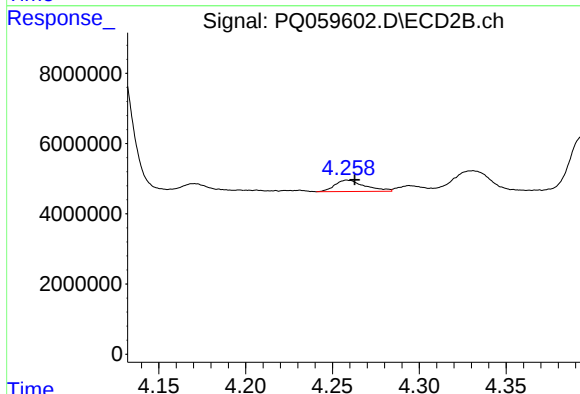
R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 20252300
Conc: 248.09 ng/ml



#15 AR-1232-5

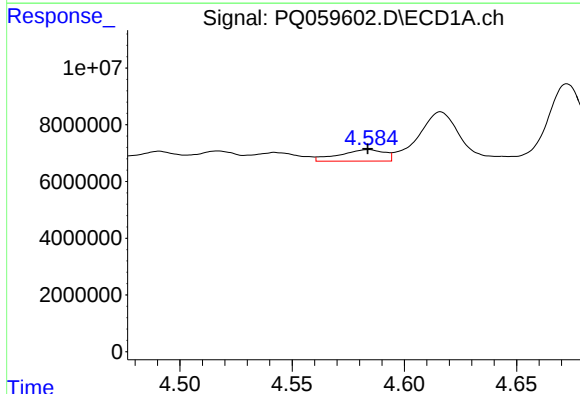
R.T.: 4.848 min
Delta R.T.: -0.002 min
Response: 21682737
Conc: 206.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



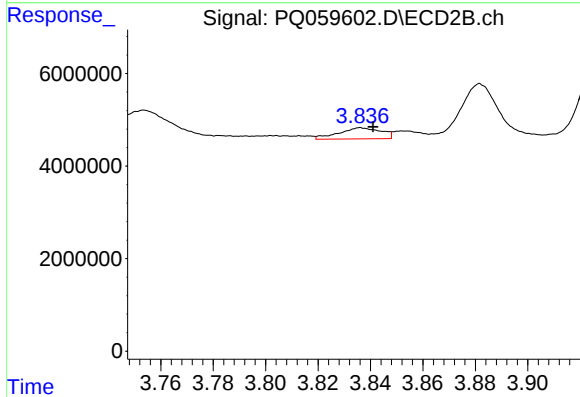
#15 AR-1232-5

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 3913226
Conc: 40.98 ng/ml



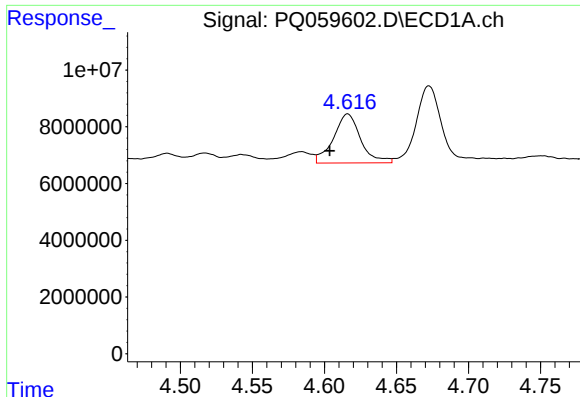
#16 AR-1242-1

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 5644529
Conc: 16.20 ng/ml



#16 AR-1242-1

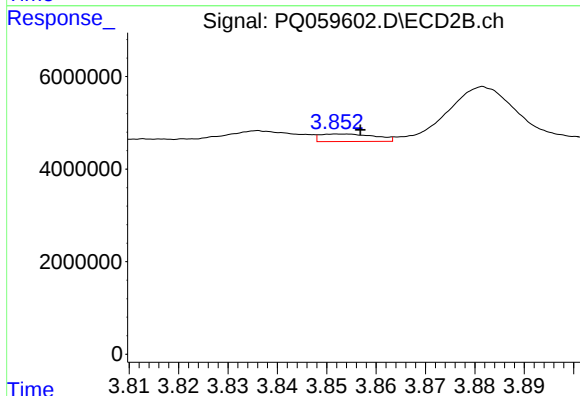
R.T.: 3.836 min
Delta R.T.: -0.005 min
Response: 2681501
Conc: 11.56 ng/ml



#17 AR-1242-2

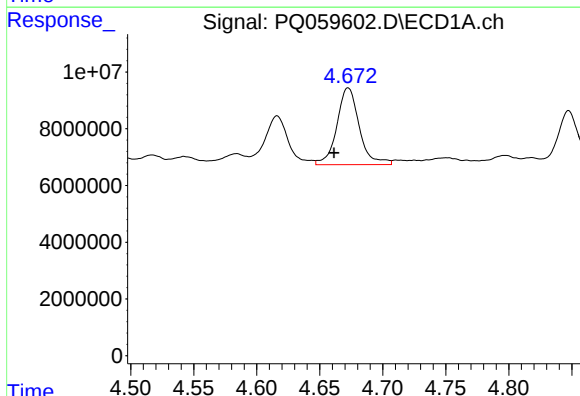
R.T.: 4.616 min
Delta R.T.: 0.012 min
Response: 22792001
Conc: 44.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



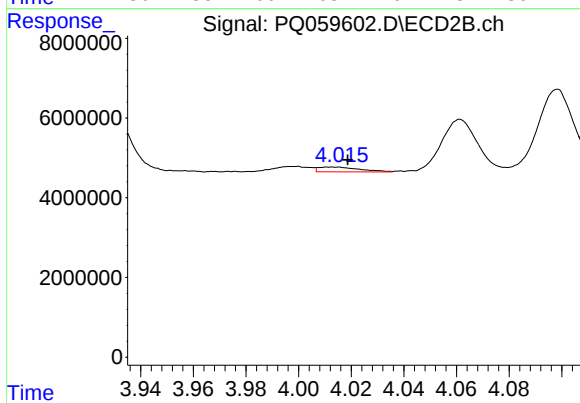
#17 AR-1242-2

R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 1260707
Conc: 3.62 ng/ml



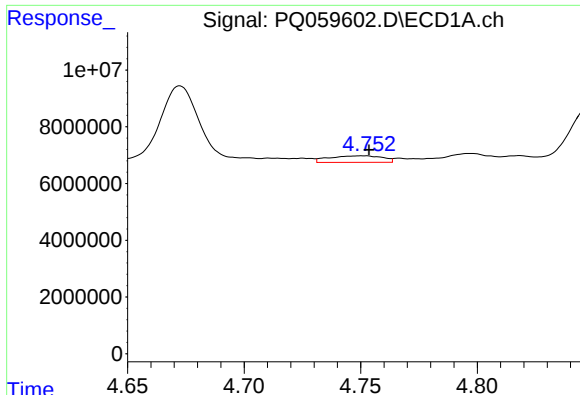
#18 AR-1242-3

R.T.: 4.673 min
Delta R.T.: 0.011 min
Response: 33507337
Conc: 103.61 ng/ml



#18 AR-1242-3

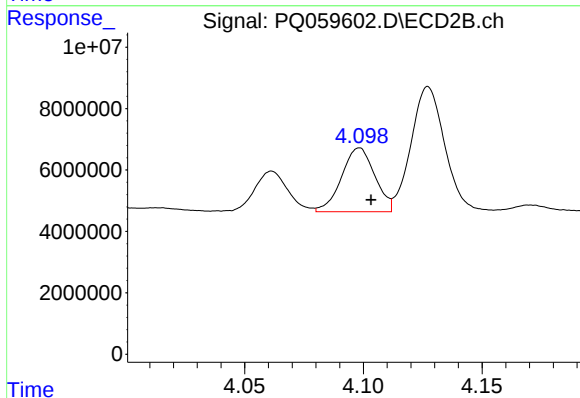
R.T.: 4.013 min
Delta R.T.: -0.006 min
Response: 1307063
Conc: 7.15 ng/ml



#19 AR-1242-4

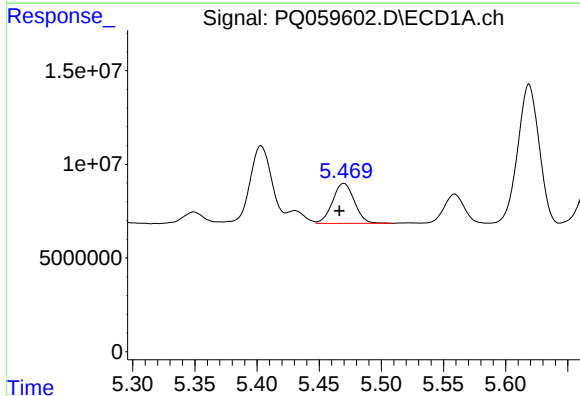
R.T.: 4.752 min
Delta R.T.: -0.001 min
Response: 3701372
Conc: 13.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



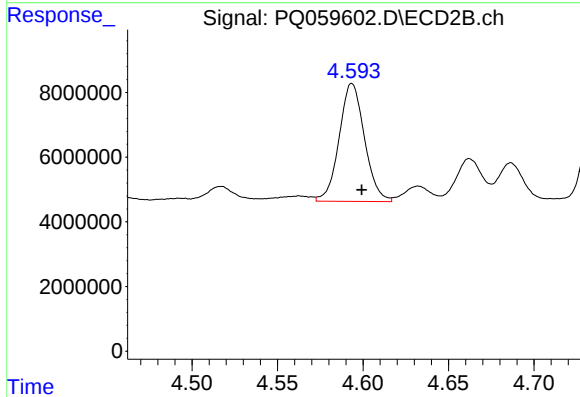
#19 AR-1242-4

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 20252300
Conc: 120.07 ng/ml



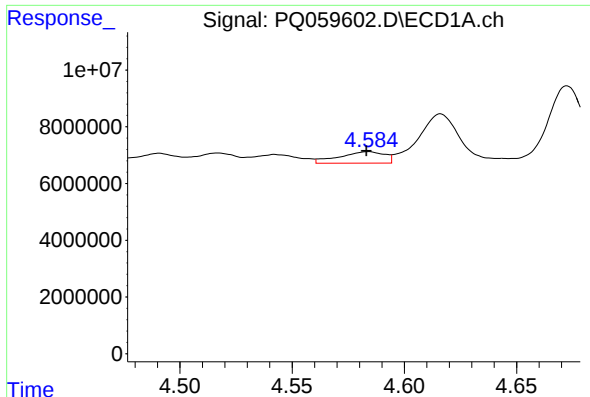
#20 AR-1242-5

R.T.: 5.470 min
Delta R.T.: 0.004 min
Response: 25984877
Conc: 96.69 ng/ml



#20 AR-1242-5

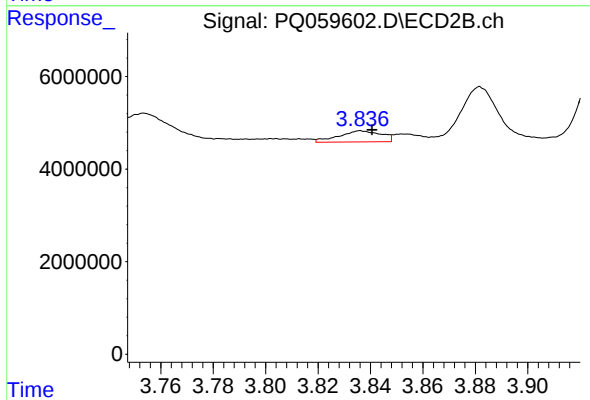
R.T.: 4.594 min
Delta R.T.: -0.006 min
Response: 37620613
Conc: 170.07 ng/ml



#21 AR-1248-1

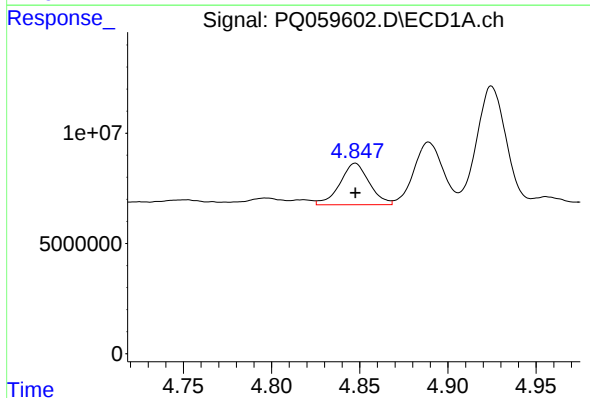
R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 5644529
Conc: 21.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



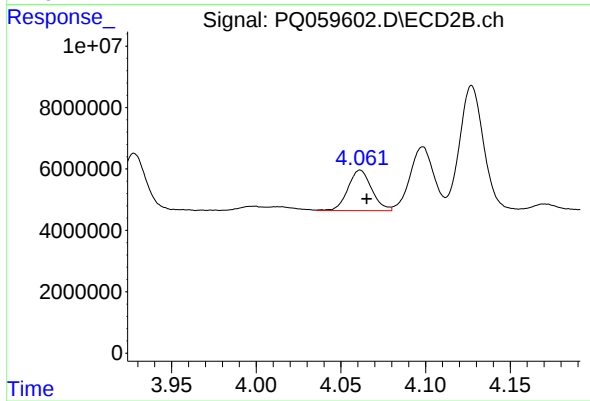
#21 AR-1248-1

R.T.: 3.836 min
Delta R.T.: -0.004 min
Response: 2681501
Conc: 15.08 ng/ml



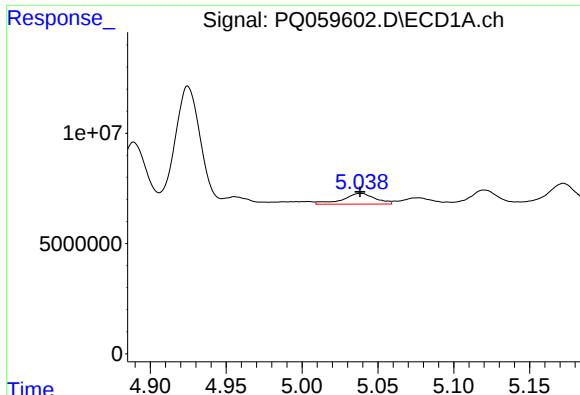
#22 AR-1248-2

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 21682737
Conc: 60.82 ng/ml



#22 AR-1248-2

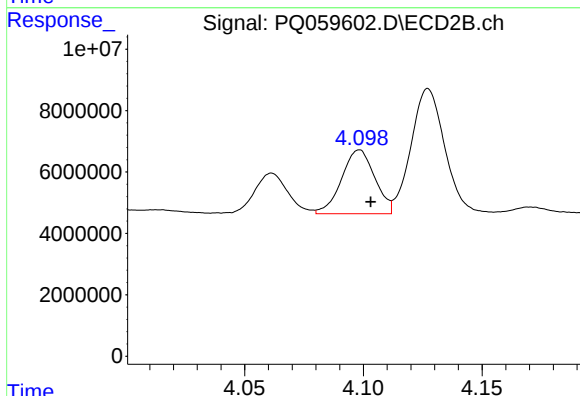
R.T.: 4.061 min
Delta R.T.: -0.004 min
Response: 12851146
Conc: 50.90 ng/ml



#23 AR-1248-3

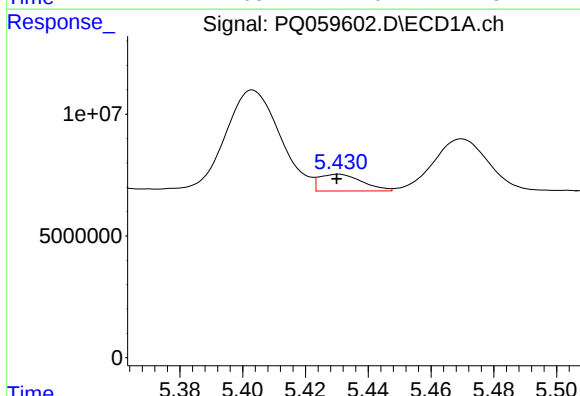
R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 7236721
Conc: 16.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



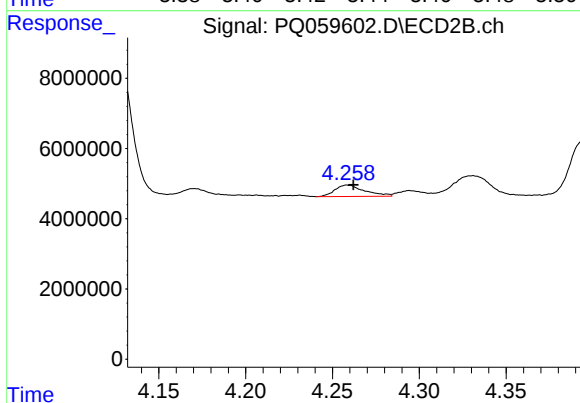
#23 AR-1248-3

R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 20252300
Conc: 80.21 ng/ml



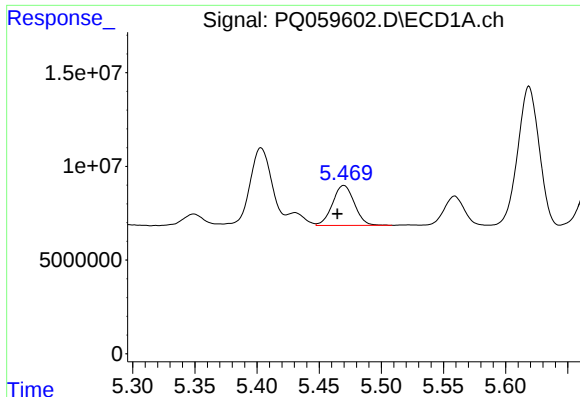
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 6506676
Conc: 14.00 ng/ml



#24 AR-1248-4

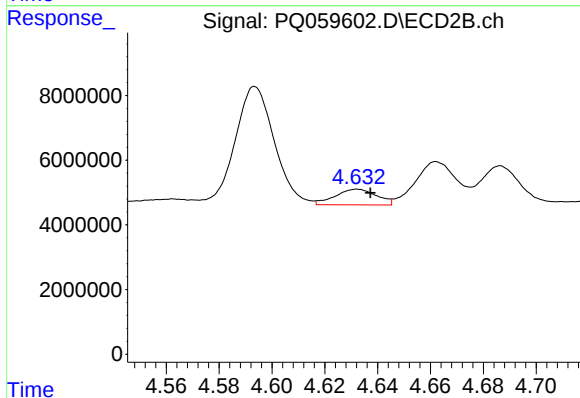
R.T.: 4.259 min
Delta R.T.: -0.003 min
Response: 3913226
Conc: 12.53 ng/ml



#25 AR-1248-5

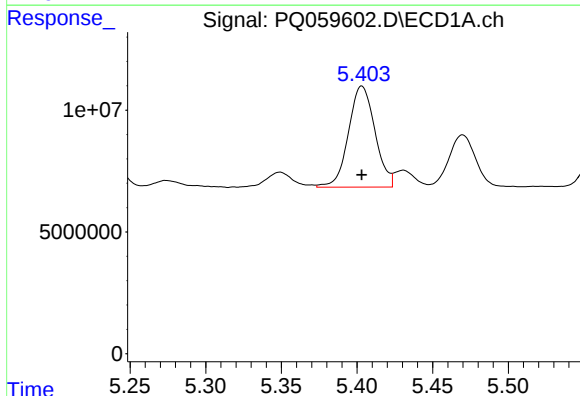
R.T.: 5.470 min
Delta R.T.: 0.005 min
Response: 25984877
Conc: 56.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



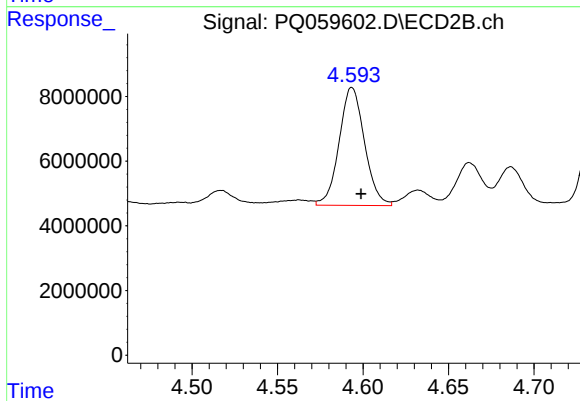
#25 AR-1248-5

R.T.: 4.632 min
Delta R.T.: -0.005 min
Response: 5236186
Conc: 16.67 ng/ml



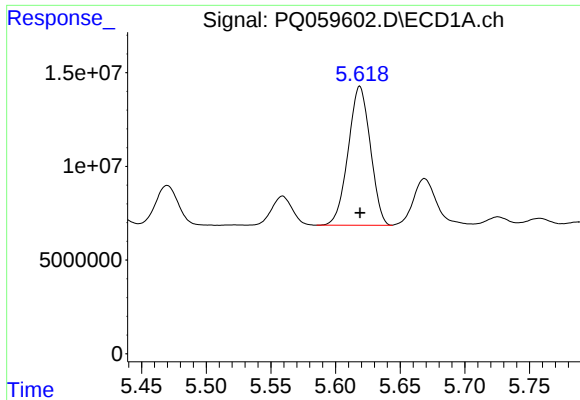
#26 AR-1254-1

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 50619975
Conc: 105.55 ng/ml



#26 AR-1254-1

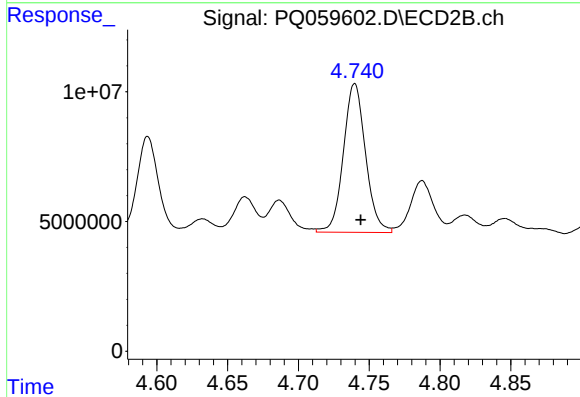
R.T.: 4.594 min
Delta R.T.: -0.005 min
Response: 37620613
Conc: 76.95 ng/ml



#27 AR-1254-2

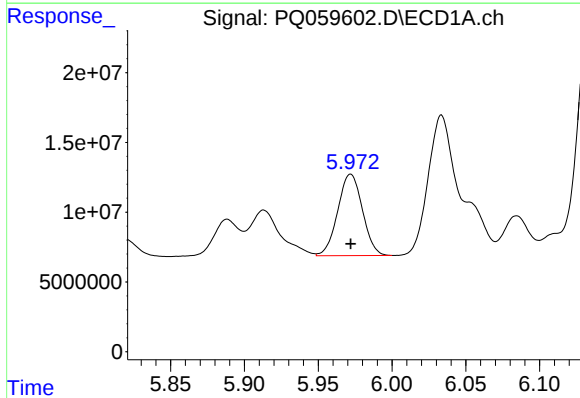
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 88302720
Conc: 118.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



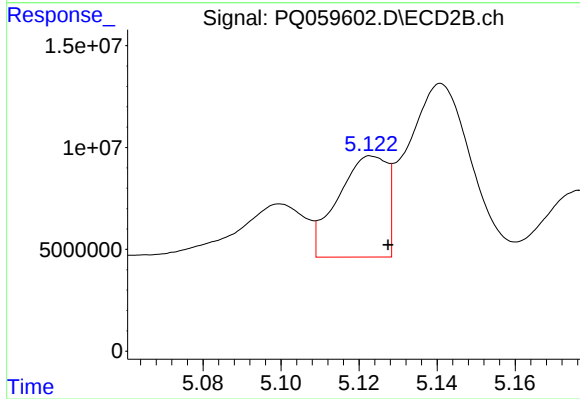
#27 AR-1254-2

R.T.: 4.740 min
Delta R.T.: -0.004 min
Response: 62496180
Conc: 144.31 ng/ml



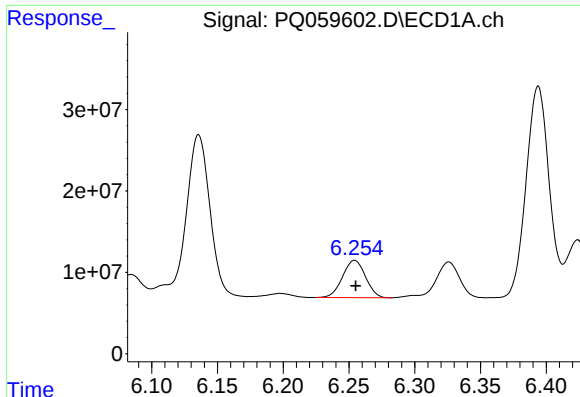
#28 AR-1254-3

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 67945839
Conc: 86.84 ng/ml



#28 AR-1254-3

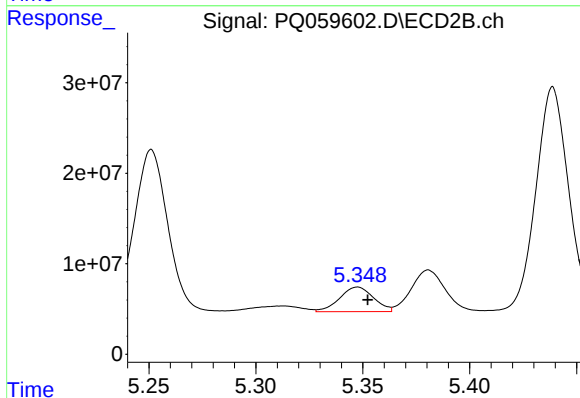
R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 43268937
Conc: 62.44 ng/ml



#29 AR-1254-4

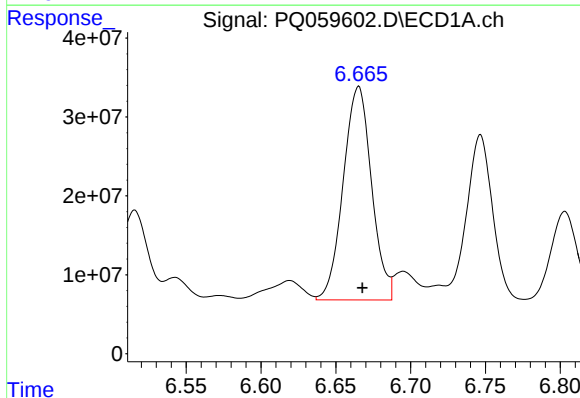
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 55649796
Conc: 101.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



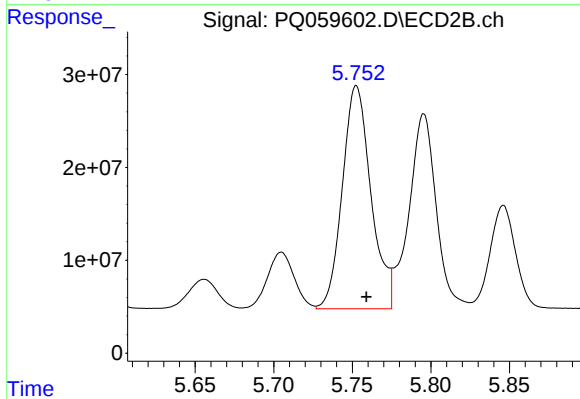
#29 AR-1254-4

R.T.: 5.348 min
Delta R.T.: -0.005 min
Response: 30112680
Conc: 69.95 ng/ml



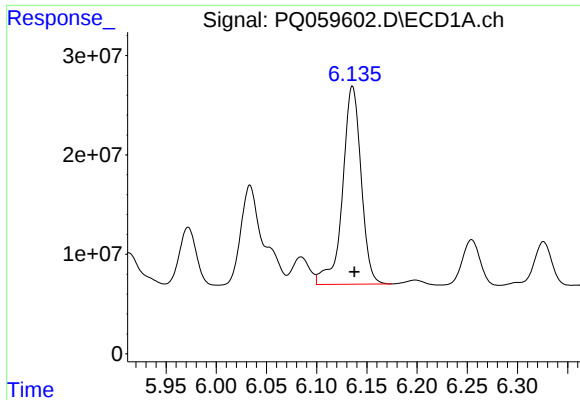
#30 AR-1254-5

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 357039602
Conc: 602.23 ng/ml



#30 AR-1254-5

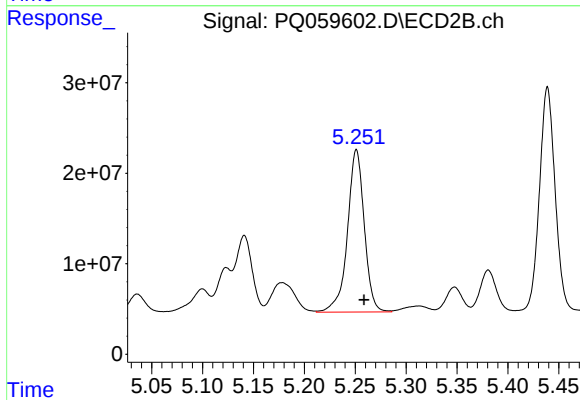
R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 304367962
Conc: 491.72 ng/ml



#31 AR-1260-1

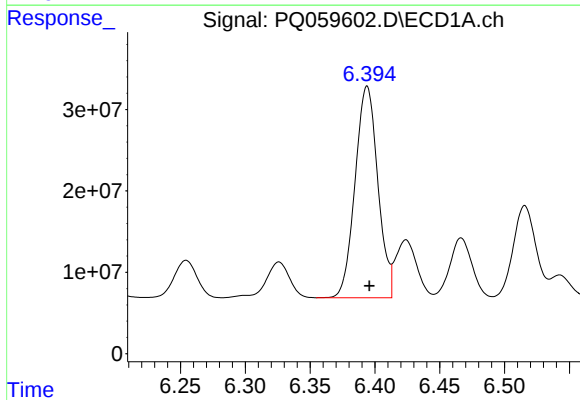
R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 255811020
Conc: 459.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



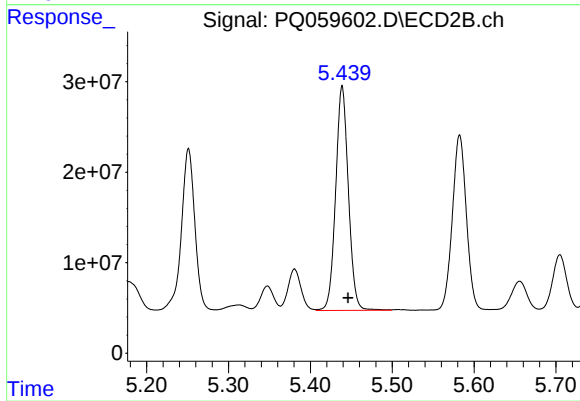
#31 AR-1260-1

R.T.: 5.251 min
Delta R.T.: -0.007 min
Response: 206466639
Conc: 458.24 ng/ml



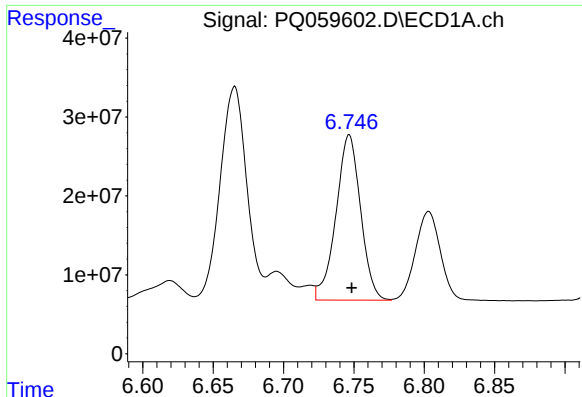
#32 AR-1260-2

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 317511735
Conc: 497.34 ng/ml



#32 AR-1260-2

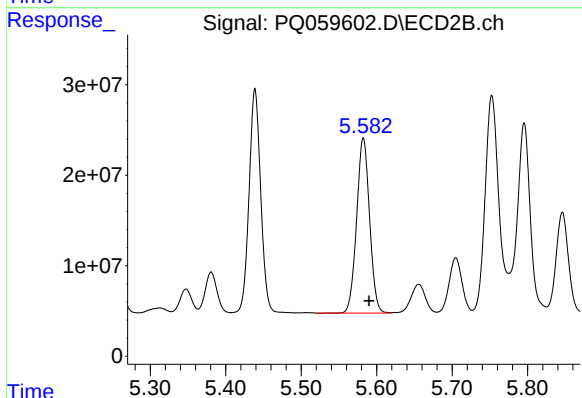
R.T.: 5.439 min
Delta R.T.: -0.007 min
Response: 267607255
Conc: 486.62 ng/ml



#33 AR-1260-3

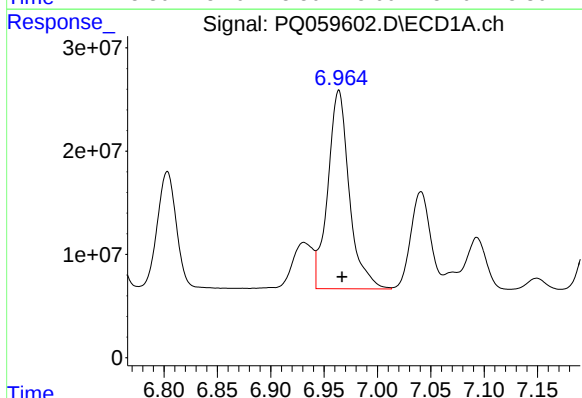
R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 254835344
Conc: 569.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



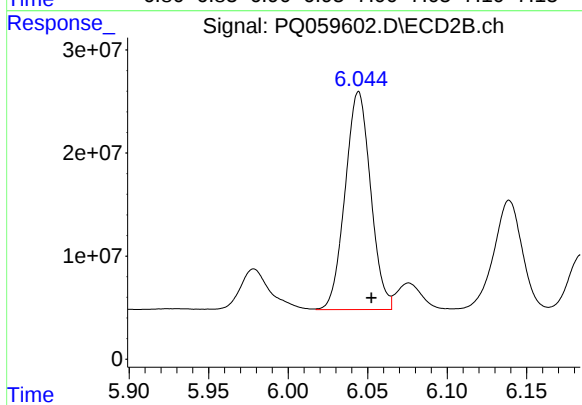
#33 AR-1260-3

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 229986206
Conc: 443.32 ng/ml



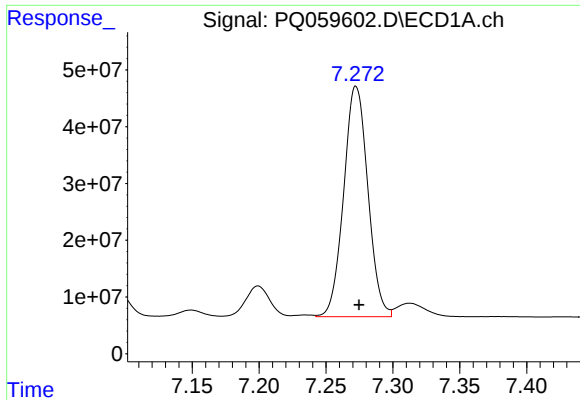
#34 AR-1260-4

R.T.: 6.964 min
Delta R.T.: -0.003 min
Response: 269761875
Conc: 559.45 ng/ml



#34 AR-1260-4

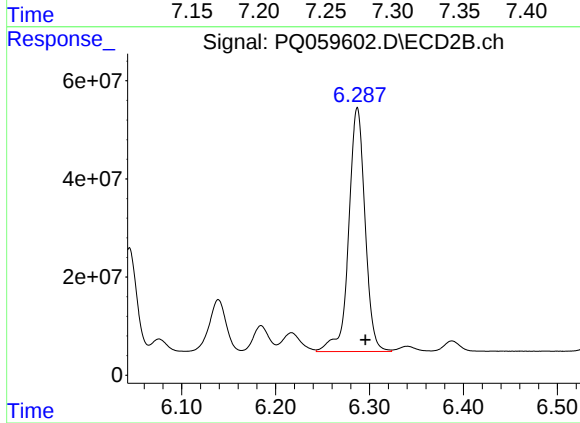
R.T.: 6.044 min
Delta R.T.: -0.008 min
Response: 236173508
Conc: 534.29 ng/ml



#35 AR-1260-5

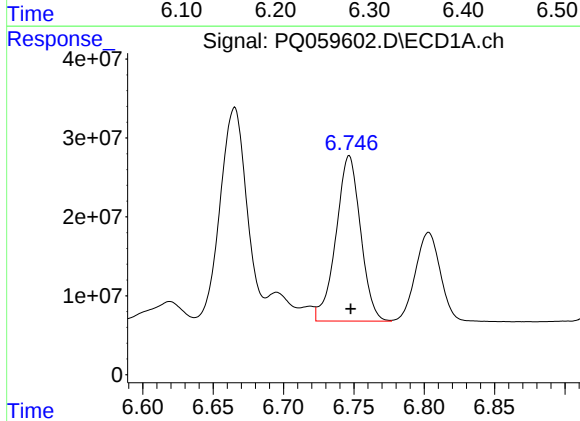
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 512158327
Conc: 580.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



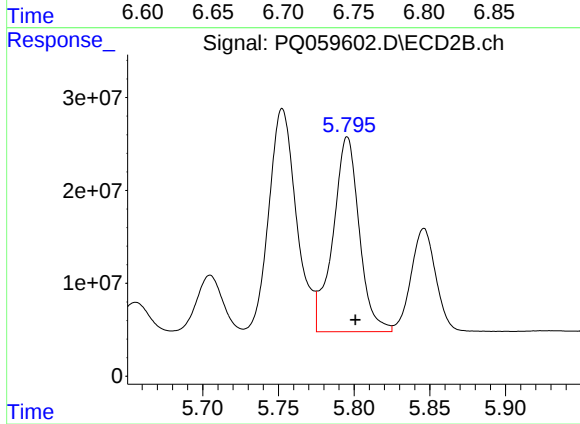
#35 AR-1260-5

R.T.: 6.287 min
Delta R.T.: -0.009 min
Response: 601054765
Conc: 589.34 ng/ml



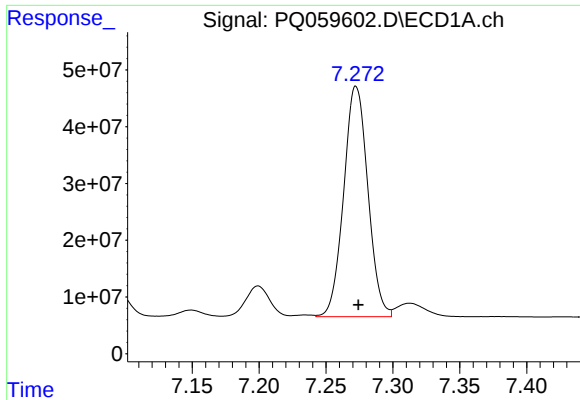
#36 AR-1262-1

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 254835344
Conc: 366.49 ng/ml



#36 AR-1262-1

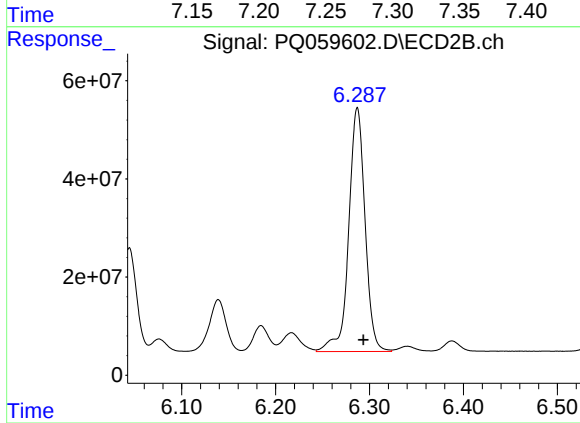
R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 254471789
Conc: 399.33 ng/ml



#37 AR-1262-2

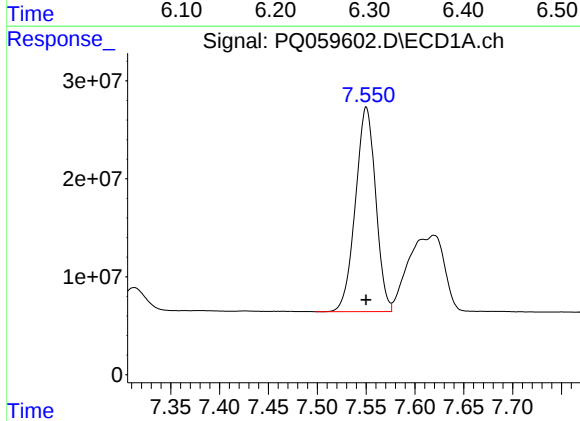
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 512158327
Conc: 471.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



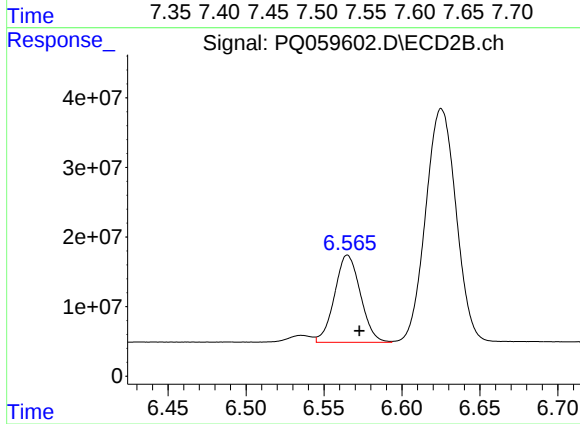
#37 AR-1262-2

R.T.: 6.287 min
Delta R.T.: -0.006 min
Response: 601054765
Conc: 513.88 ng/ml



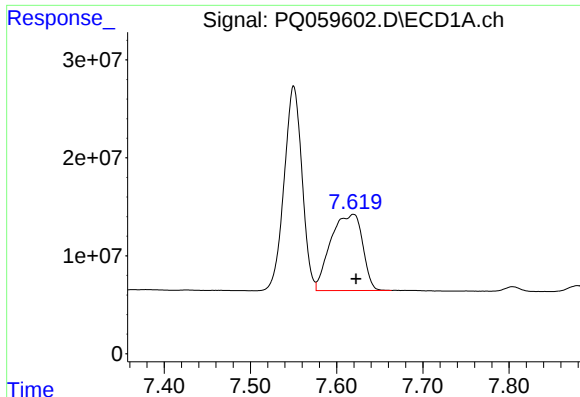
#38 AR-1262-3

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 301171815
Conc: 453.02 ng/ml



#38 AR-1262-3

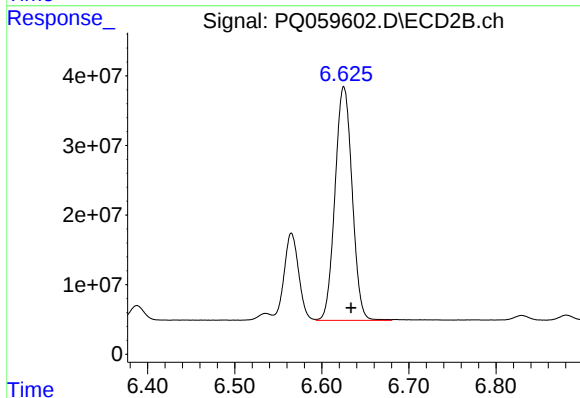
R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 144956172
Conc: 314.77 ng/ml



#39 AR-1262-4

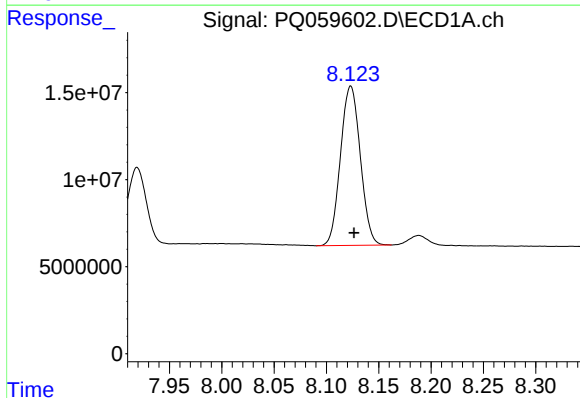
R.T.: 7.619 min
Delta R.T.: -0.003 min
Response: 199721178
Conc: 634.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



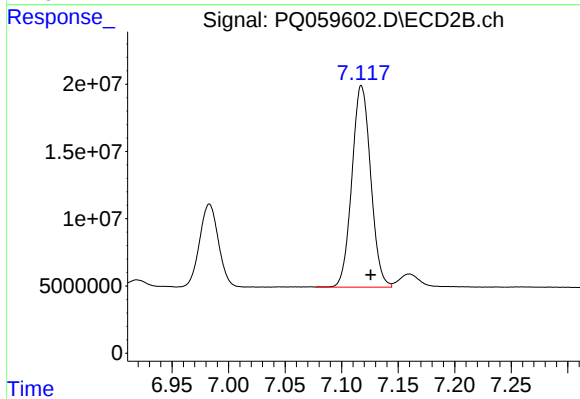
#39 AR-1262-4

R.T.: 6.625 min
Delta R.T.: -0.008 min
Response: 458331137
Conc: 522.99 ng/ml



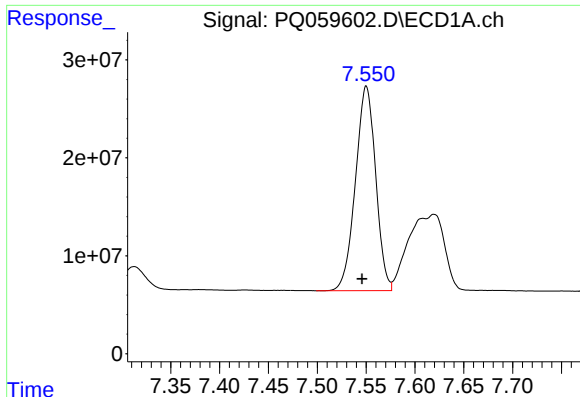
#40 AR-1262-5

R.T.: 8.123 min
Delta R.T.: -0.003 min
Response: 120733055
Conc: 422.96 ng/ml



#40 AR-1262-5

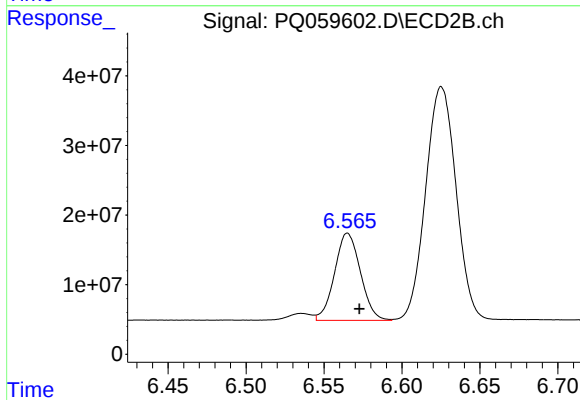
R.T.: 7.118 min
Delta R.T.: -0.008 min
Response: 173570973
Conc: 436.81 ng/ml



#41 AR-1268-1

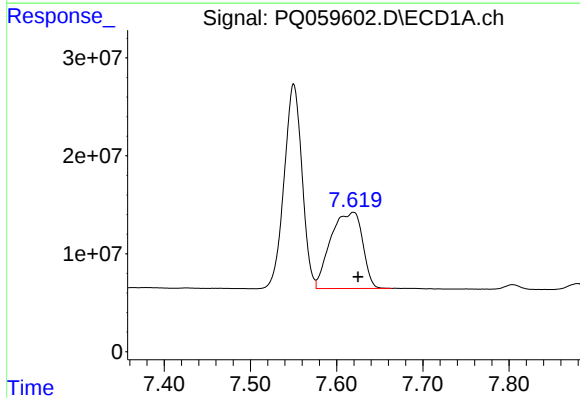
R.T.: 7.550 min
Delta R.T.: 0.004 min
Response: 301171815
Conc: 257.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



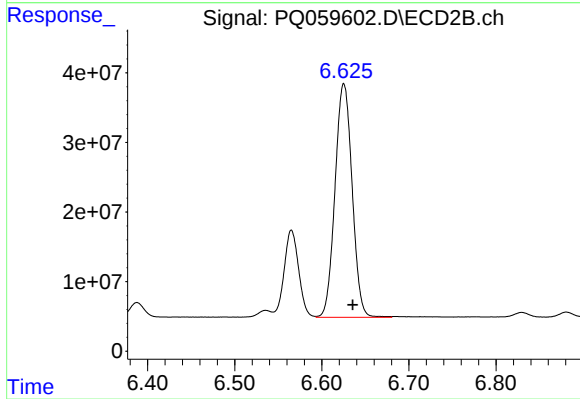
#41 AR-1268-1

R.T.: 6.565 min
Delta R.T.: -0.008 min
Response: 144956172
Conc: 103.04 ng/ml



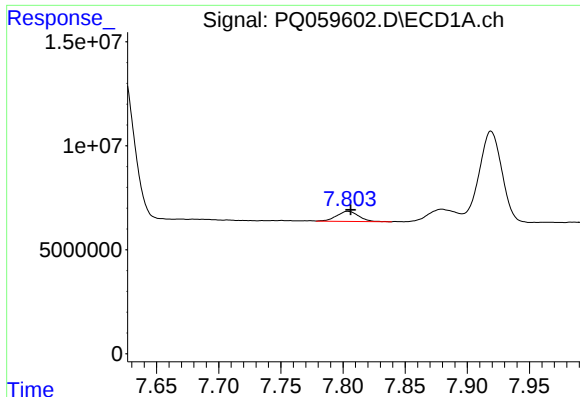
#42 AR-1268-2

R.T.: 7.619 min
Delta R.T.: -0.005 min
Response: 199721178
Conc: 190.86 ng/ml



#42 AR-1268-2

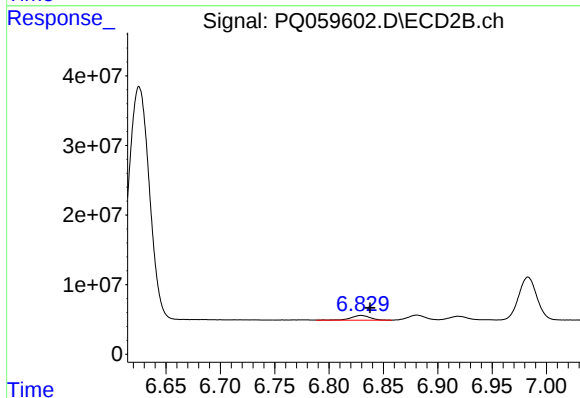
R.T.: 6.625 min
Delta R.T.: -0.010 min
Response: 458331137
Conc: 354.23 ng/ml



#43 AR-1268-3

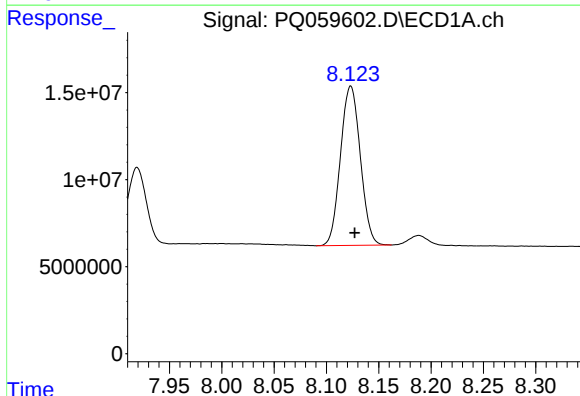
R.T.: 7.804 min
Delta R.T.: -0.002 min
Response: 6079211
Conc: 7.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



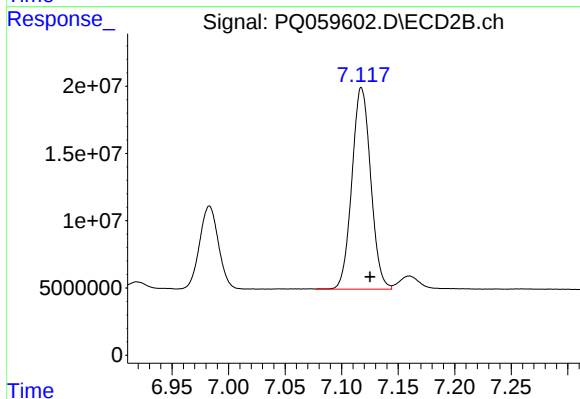
#43 AR-1268-3

R.T.: 6.829 min
Delta R.T.: -0.008 min
Response: 8562898
Conc: 7.76 ng/ml



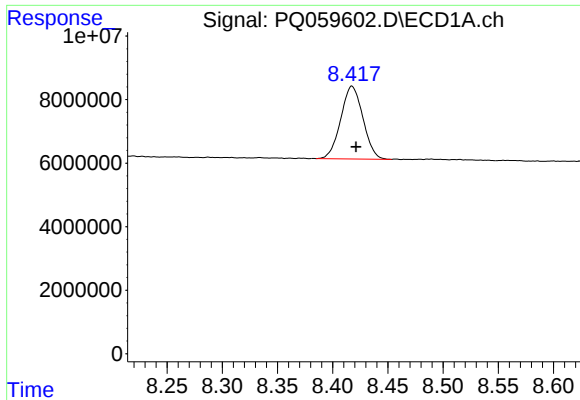
#44 AR-1268-4

R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 120733055
Conc: 373.87 ng/ml



#44 AR-1268-4

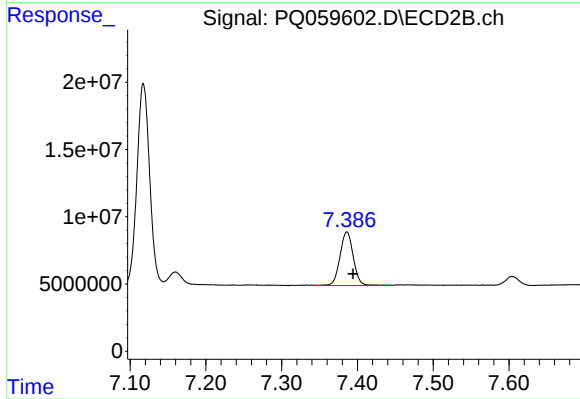
R.T.: 7.118 min
Delta R.T.: -0.008 min
Response: 173570973
Conc: 383.22 ng/ml



#45 AR-1268-5

R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 32071399
Conc: 14.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.386 min
Delta R.T.: -0.008 min
Response: 49058626
Conc: 13.72 ng/ml