

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2023 06:36
 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 18 07:08:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.404	2.758	242.7E6	140.3E6	49.752	55.903
2)	SA Decachlor...	8.583	7.526	150.8E6	147.2E6	41.503	44.176
Target Compounds							
3)	L1 AR-1016-1	4.505	3.759	1426008	1462621	8.657	14.778 #
4)	L1 AR-1016-2	4.526	3.774	2039511	918642	8.248	6.371
5)	L1 AR-1016-3	4.582	3.935	977873	724228	6.416	9.600 #
6)	L1 AR-1016-4	4.673	3.984	989114	32240859	7.891	490.884 #
7)	L1 AR-1016-5	4.960	4.178	28084828	20820912	230.739	253.970
8)	L2 AR-1221-1	3.613	2.966	154794	99743	2.575	3.023
9)	L2 AR-1221-2	3.682	3.026	3736831	2155703	83.165	84.870
10)	L2 AR-1221-3	3.750	3.105	767298	405036	5.460	5.254
11)	L3 AR-1232-1	3.750	3.105	767298	405036	7.266	7.069
12)	L3 AR-1232-2	4.245	3.774	795959	918642	13.456	13.803
13)	L3 AR-1232-3	4.526	3.935	2039511	724228	18.036	20.959
14)	L3 AR-1232-4	4.673	4.019	989114	9796213	17.455	329.397 #
15)	L3 AR-1232-5	4.770	4.178	48532535	20820912	1211.799	583.859 #
16)	L4 AR-1242-1	4.505	3.759	1426008	1462621	10.910	18.912 #
17)	L4 AR-1242-2	4.526	3.774	2039511	918642	10.505	8.264
18)	L4 AR-1242-3	4.582	3.935	977873	724228	8.092	12.364 #
19)	L4 AR-1242-4	4.673	4.019	989114	9796213	10.146	167.091 #
20)	L4 AR-1242-5	5.392	4.514	23428442	81253846	244.734	980.230 #
21)	L5 AR-1248-1	4.505	3.759	1426008	1462621	13.714	23.394 #
22)	L5 AR-1248-2	4.770	3.984	48532535	32240859	337.824	343.834
23)	L5 AR-1248-3	4.960	4.019	28084828	9796213	161.674	108.193 #
24)	L5 AR-1248-4	5.354	4.178	41040717	20820912	213.831	184.518
25)	L5 AR-1248-5	5.392	4.552	23428442	9158844	129.352	81.752 #
26)	L6 AR-1254-1	5.326	4.514	88791821	81253846	477.834	503.236
27)	L6 AR-1254-2	5.543	4.661	137.6E6	73667584	473.475	500.375
28)	L6 AR-1254-3	5.897	5.042	142.9E6	116.3E6	465.165	497.501
29)	L6 AR-1254-4	6.182	5.269	106.4E6	76493846	458.297	501.881
30)	L6 AR-1254-5	6.594	5.674	117.6E6	114.5E6	457.923	496.110
31)	L7 AR-1260-1	6.062	5.172	58878100	59855348	249.556	359.377 #
32)	L7 AR-1260-2	6.322	5.361	63456455	52155806	219.715	250.814
33)	L7 AR-1260-3	6.676	5.497	4273673	52474579	24.203	269.711 #
34)	L7 AR-1260-4	6.870	5.964	45284351	5412496	214.975	37.107 #
35)	L7 AR-1260-5	7.204	6.210	15102529	18512932	36.781	55.752 #
36)	L8 AR-1262-1	6.676	5.736	4273673	9287869	14.015	39.953 #
37)	L8 AR-1262-2	7.204	5.964	15102529	5412496	28.673	25.034
38)	L8 AR-1262-3	7.484	6.488	12968376	618009	36.810	3.545 #
39)	L8 AR-1262-4	7.526f	6.542	2576159	14477683	9.659	44.921 #
40)	L8 AR-1262-5	8.056	7.043	948345	880126	5.343	5.674
41)	L9 AR-1268-1	7.484	6.488	12968376	618009	22.853	1.313 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2023 06:36
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

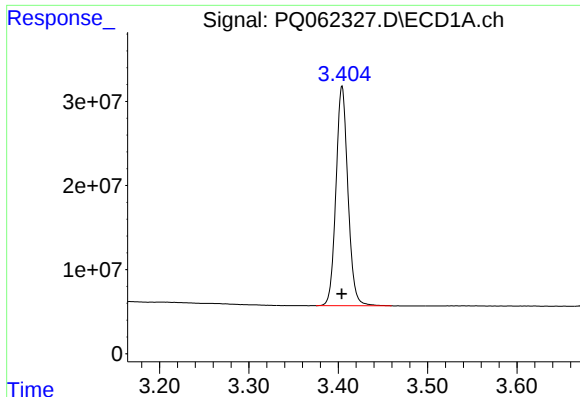
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 07:08:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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
42) L9	AR-1268-2	7.526f	6.542	2576159	14477683	5.053	34.169 #
43) L9	AR-1268-3	0.000	6.748	0	333623	N.D.	0.906 #
44) L9	AR-1268-4	8.056	7.043	948345	880126	5.183	5.503
45) L9	AR-1268-5	8.352	7.311	896693	1082364	0.711	0.928 #

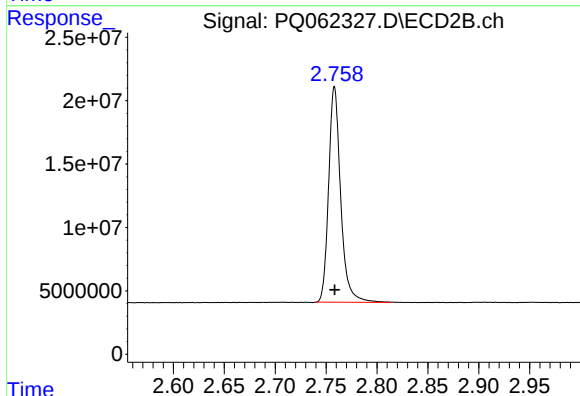
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

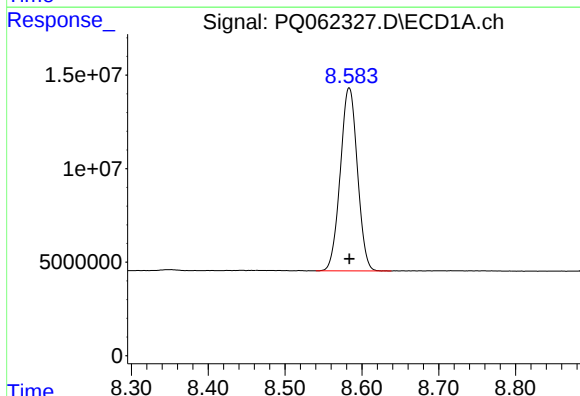
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 242697564
Conc: 49.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



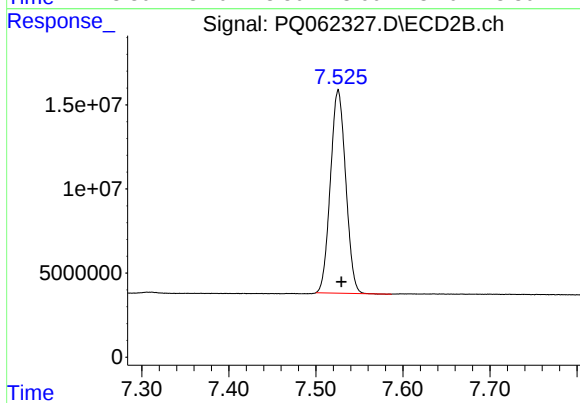
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 140267532
Conc: 55.90 ng/ml



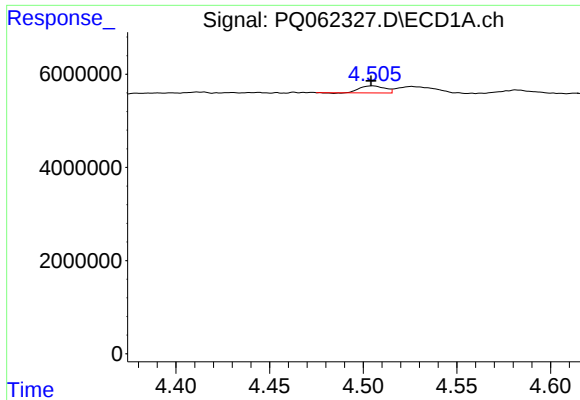
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 150770257
Conc: 41.50 ng/ml



#2 Decachlorobiphenyl

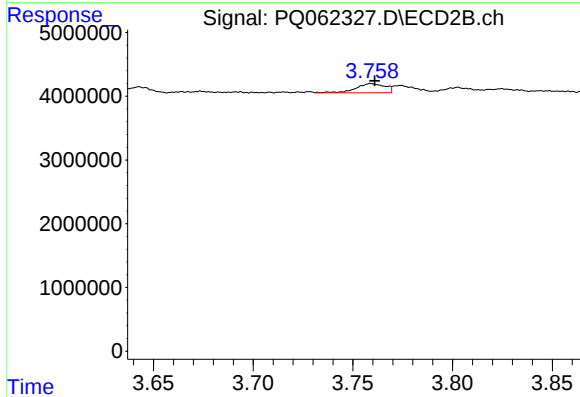
R.T.: 7.526 min
Delta R.T.: -0.004 min
Response: 147201409
Conc: 44.18 ng/ml



#3 AR-1016-1

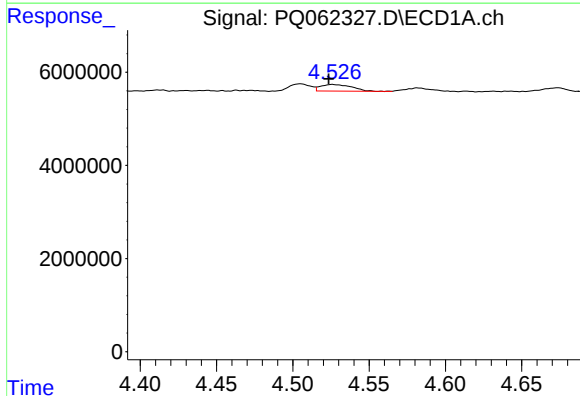
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 1426008
Conc: 8.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



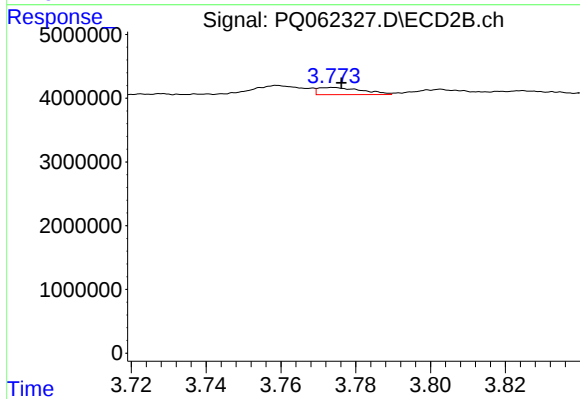
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.002 min
Response: 1462621
Conc: 14.78 ng/ml



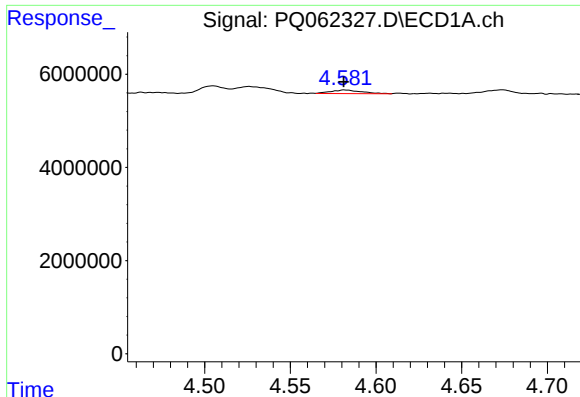
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 2039511
Conc: 8.25 ng/ml



#4 AR-1016-2

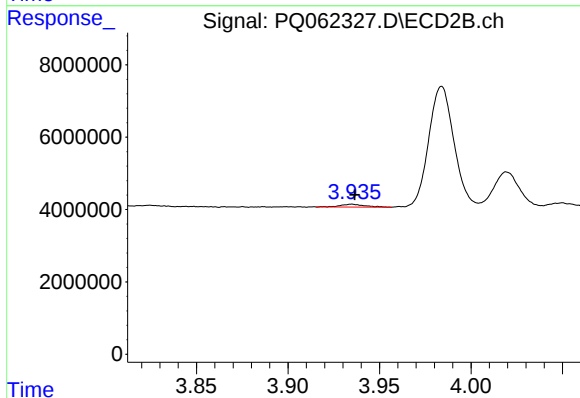
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 918642
Conc: 6.37 ng/ml



#5 AR-1016-3

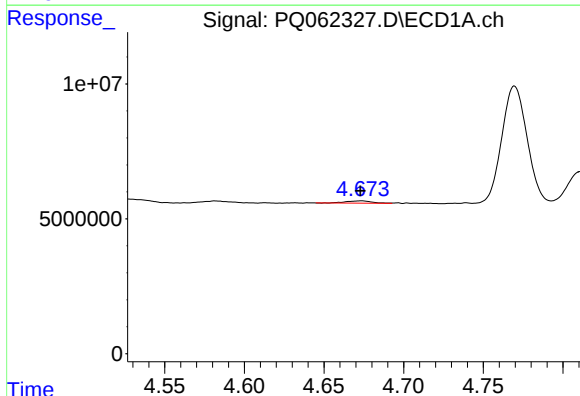
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 977873
Conc: 6.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



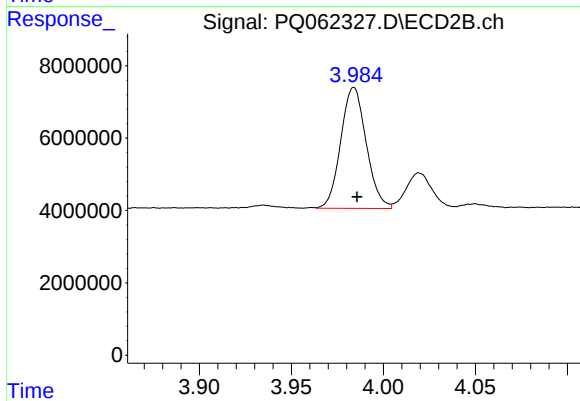
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 724228
Conc: 9.60 ng/ml



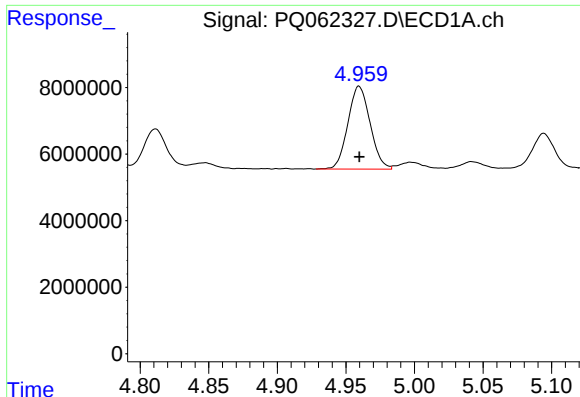
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 989114
Conc: 7.89 ng/ml



#6 AR-1016-4

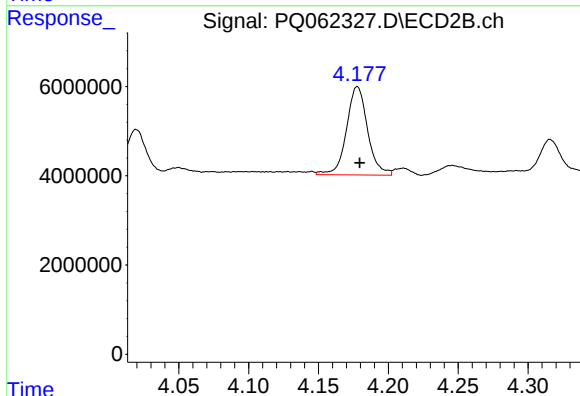
R.T.: 3.984 min
Delta R.T.: -0.002 min
Response: 32240859
Conc: 490.88 ng/ml



#7 AR-1016-5

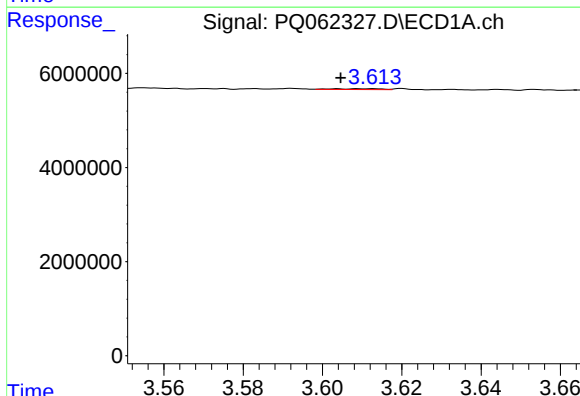
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 28084828
Conc: 230.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



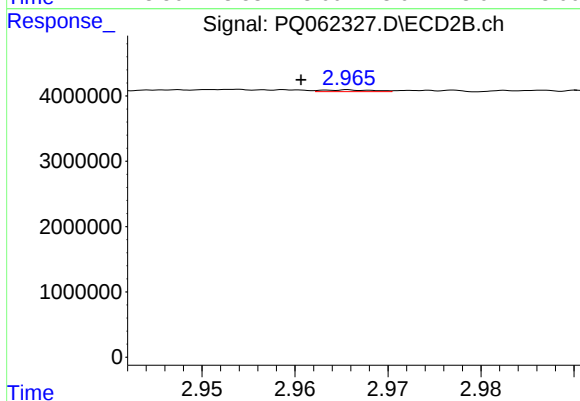
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 20820912
Conc: 253.97 ng/ml



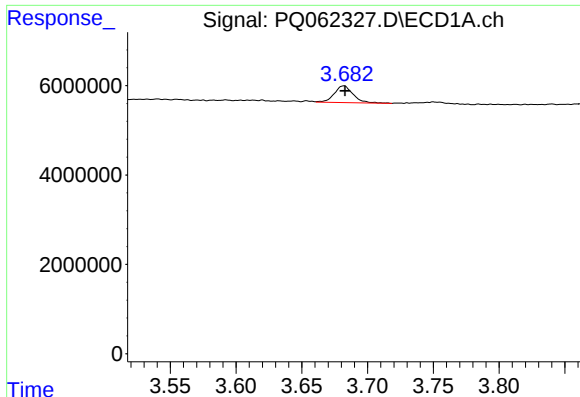
#8 AR-1221-1

R.T.: 3.613 min
Delta R.T.: 0.008 min
Response: 154794
Conc: 2.58 ng/ml



#8 AR-1221-1

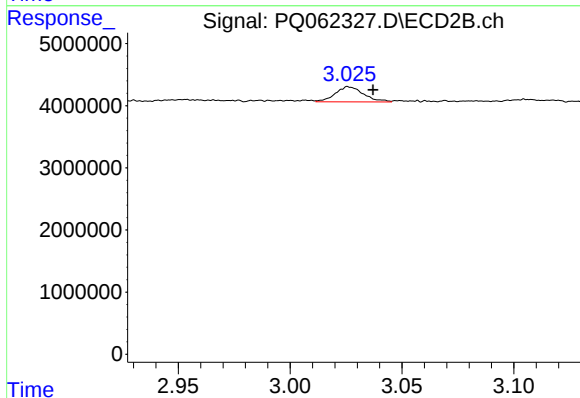
R.T.: 2.966 min
Delta R.T.: 0.005 min
Response: 99743
Conc: 3.02 ng/ml



#9 AR-1221-2

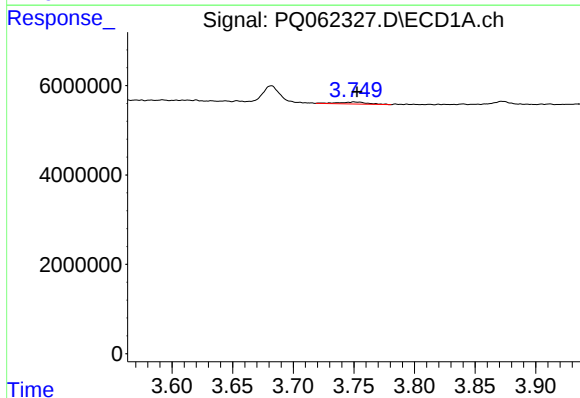
R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 3736831
Conc: 83.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



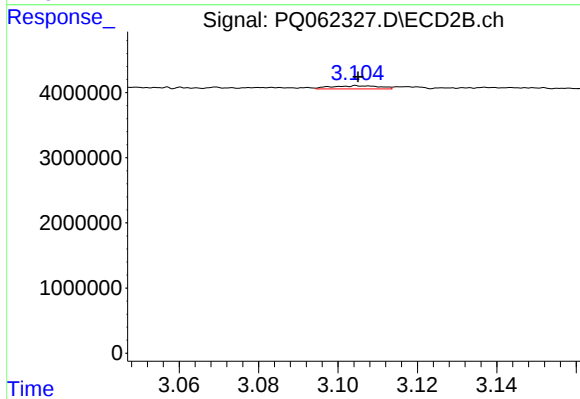
#9 AR-1221-2

R.T.: 3.026 min
Delta R.T.: -0.011 min
Response: 2155703
Conc: 84.87 ng/ml



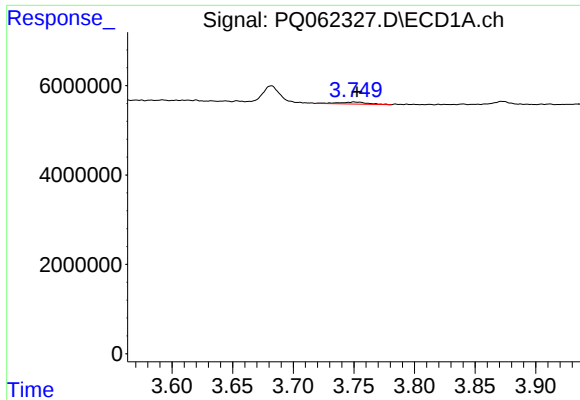
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 767298
Conc: 5.46 ng/ml



#10 AR-1221-3

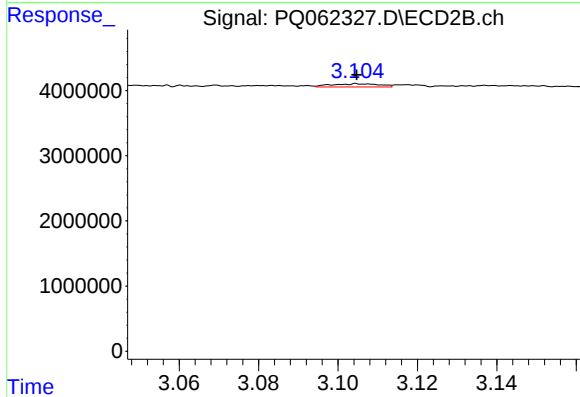
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 405036
Conc: 5.25 ng/ml



#11 AR-1232-1

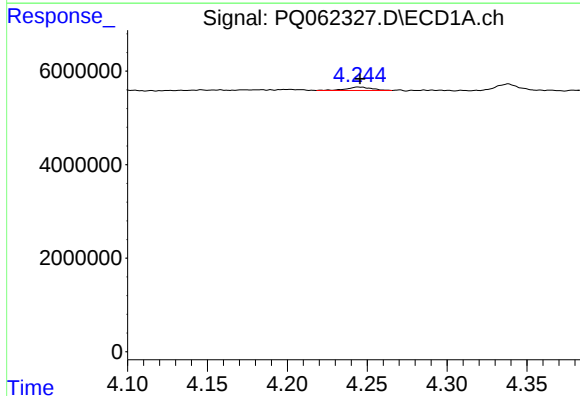
R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 767298
Conc: 7.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



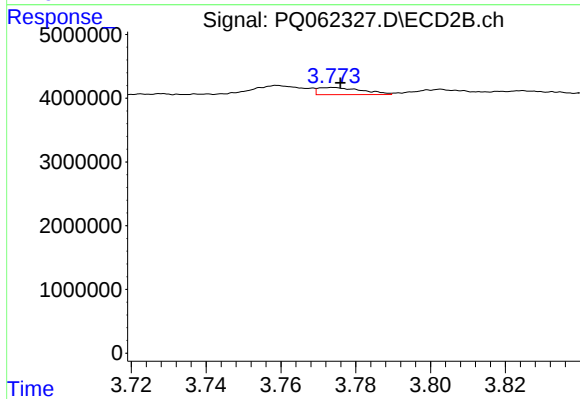
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 405036
Conc: 7.07 ng/ml



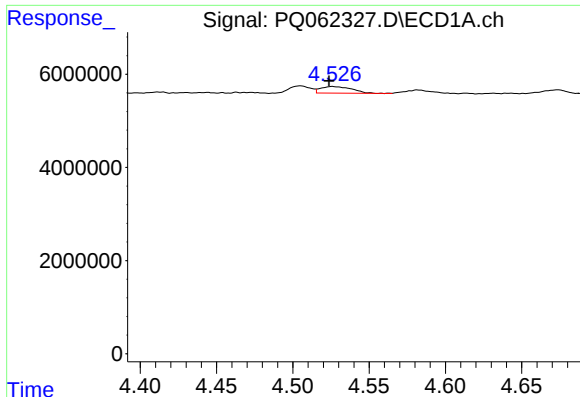
#12 AR-1232-2

R.T.: 4.245 min
Delta R.T.: 0.000 min
Response: 795959
Conc: 13.46 ng/ml



#12 AR-1232-2

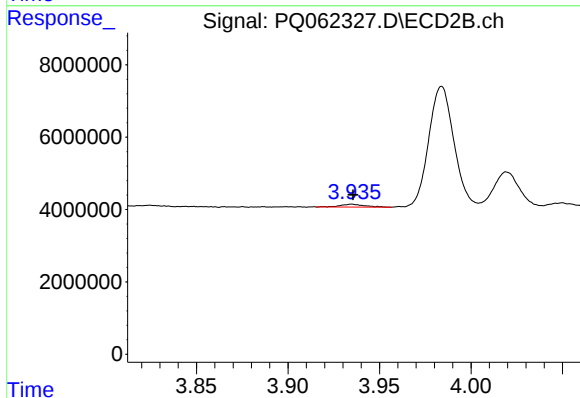
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 918642
Conc: 13.80 ng/ml



#13 AR-1232-3

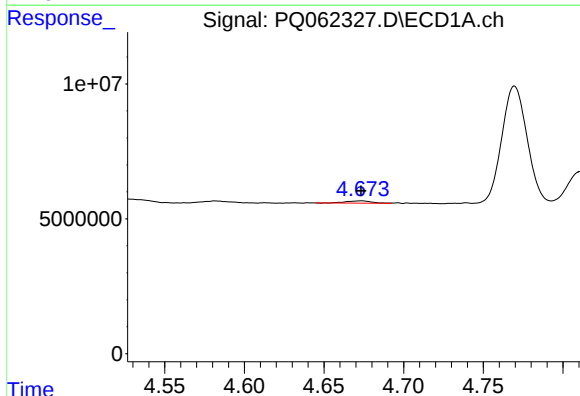
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 2039511
Conc: 18.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



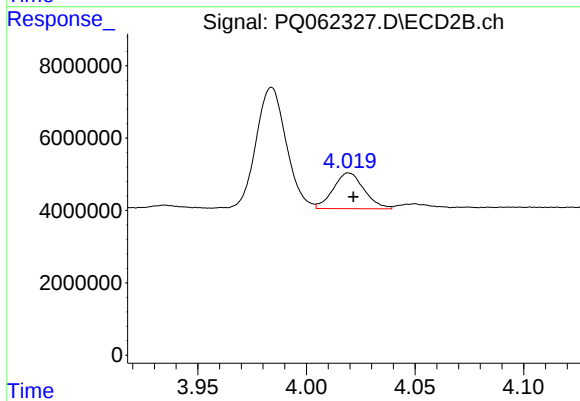
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 724228
Conc: 20.96 ng/ml



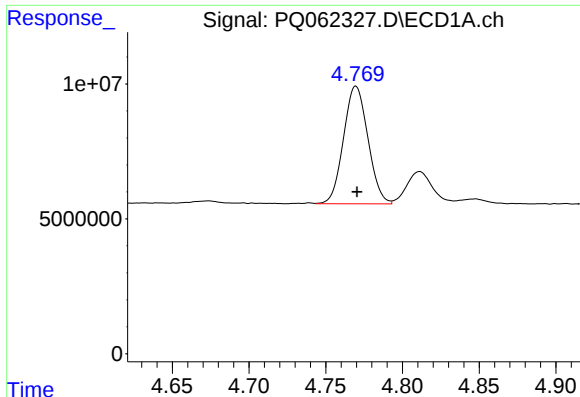
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 989114
Conc: 17.46 ng/ml



#14 AR-1232-4

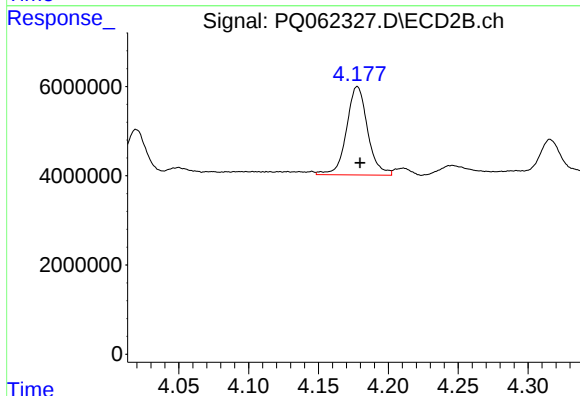
R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 9796213
Conc: 329.40 ng/ml



#15 AR-1232-5

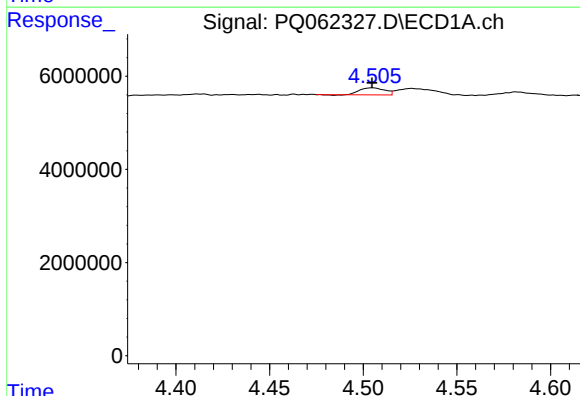
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 48532535
Conc: 1211.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



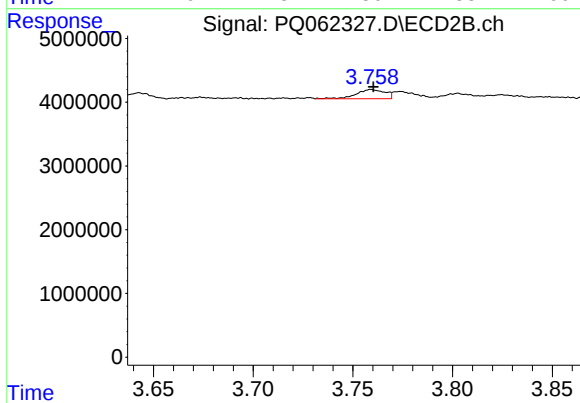
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 20820912
Conc: 583.86 ng/ml



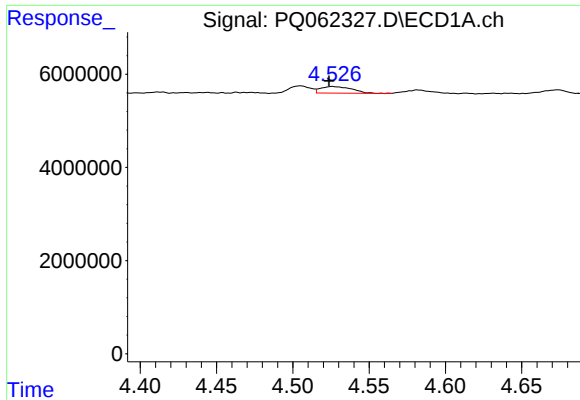
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 1426008
Conc: 10.91 ng/ml



#16 AR-1242-1

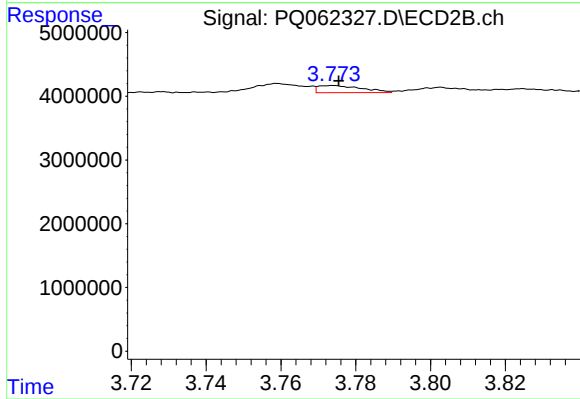
R.T.: 3.759 min
Delta R.T.: -0.001 min
Response: 1462621
Conc: 18.91 ng/ml



#17 AR-1242-2

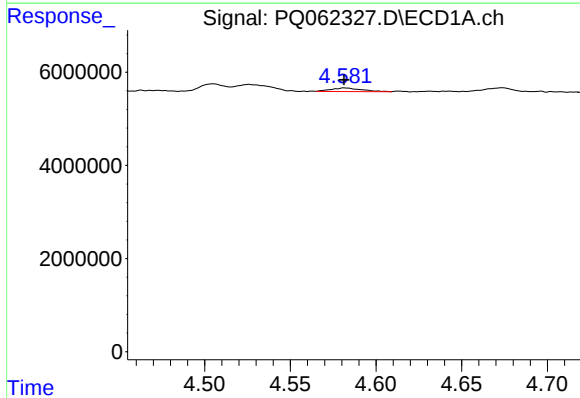
R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 2039511
Conc: 10.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



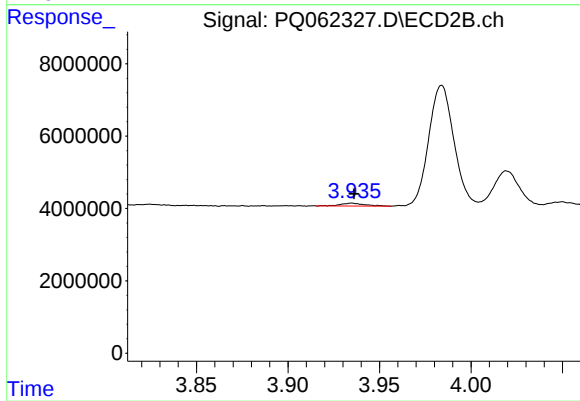
#17 AR-1242-2

R.T.: 3.774 min
Delta R.T.: -0.001 min
Response: 918642
Conc: 8.26 ng/ml



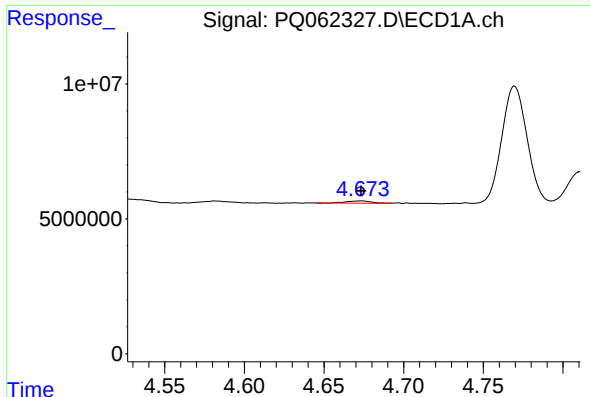
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 977873
Conc: 8.09 ng/ml



#18 AR-1242-3

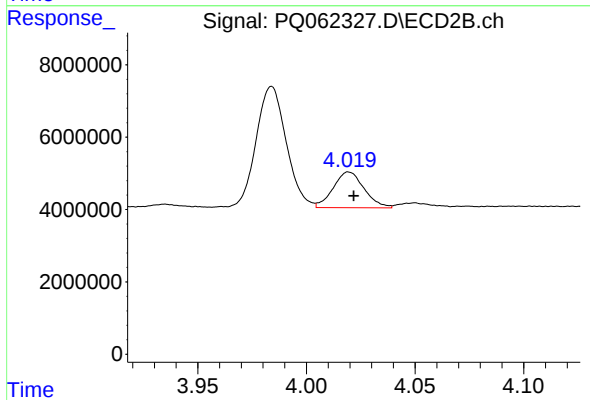
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 724228
Conc: 12.36 ng/ml



#19 AR-1242-4

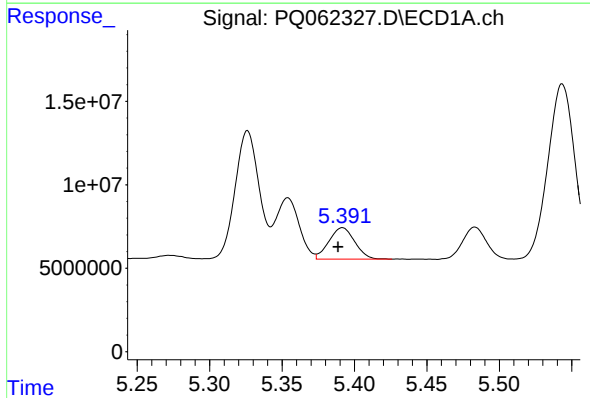
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 989114
Conc: 10.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



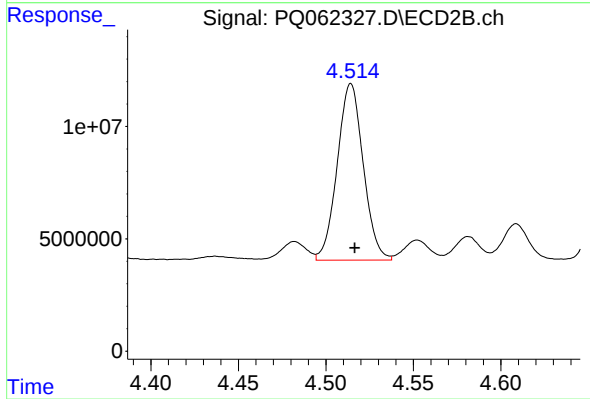
#19 AR-1242-4

R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 9796213
Conc: 167.09 ng/ml



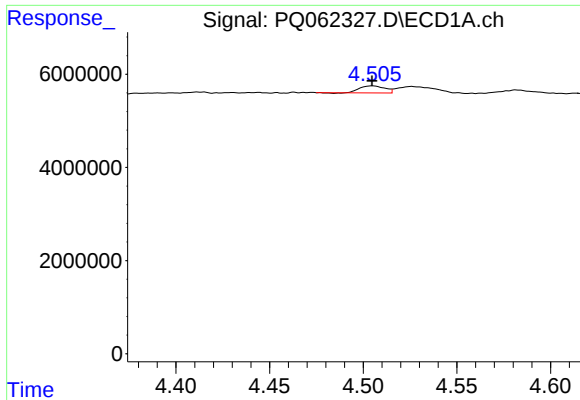
#20 AR-1242-5

R.T.: 5.392 min
Delta R.T.: 0.003 min
Response: 23428442
Conc: 244.73 ng/ml



#20 AR-1242-5

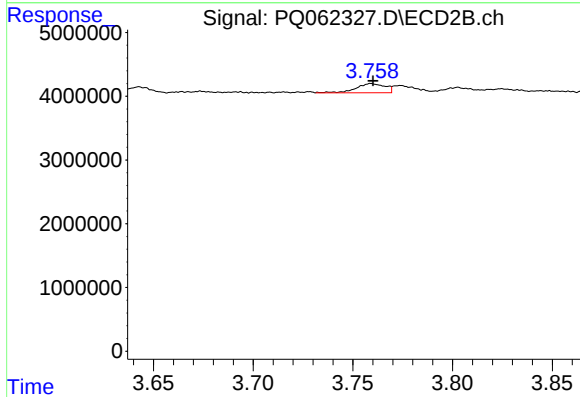
R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 81253846
Conc: 980.23 ng/ml



#21 AR-1248-1

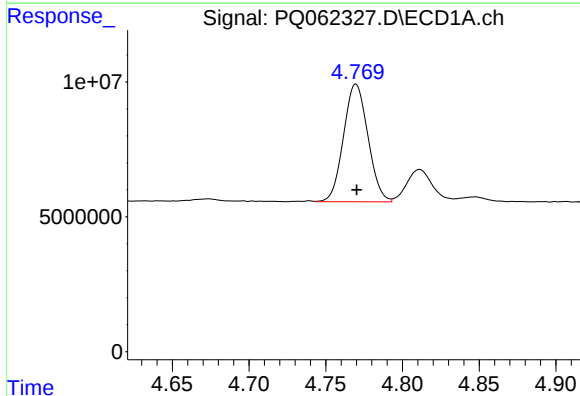
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 1426008
Conc: 13.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



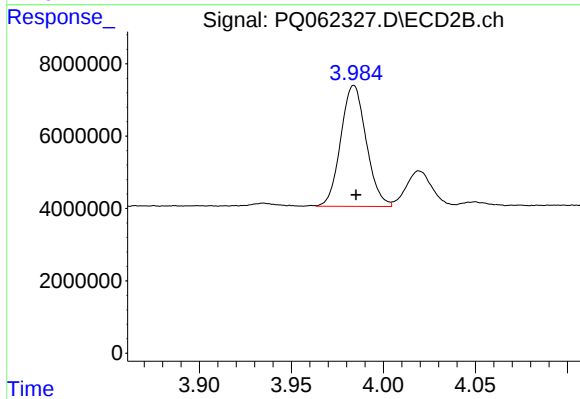
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 1462621
Conc: 23.39 ng/ml



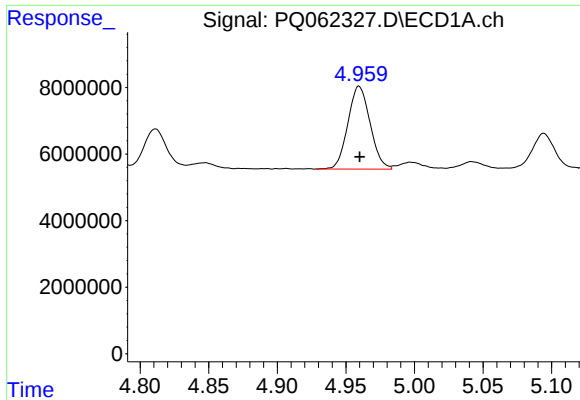
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 48532535
Conc: 337.82 ng/ml



#22 AR-1248-2

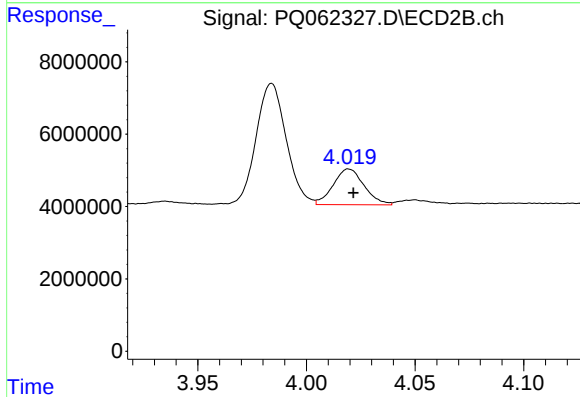
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 32240859
Conc: 343.83 ng/ml



#23 AR-1248-3

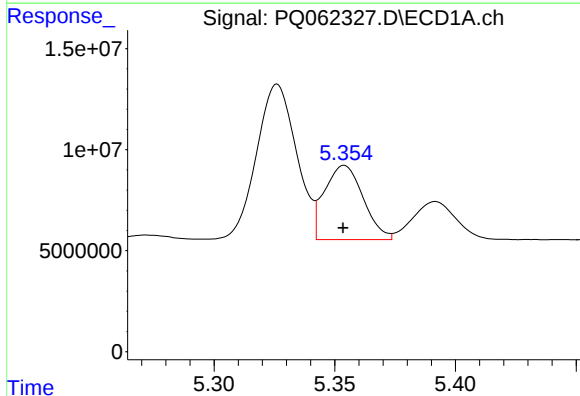
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 28084828
Conc: 161.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



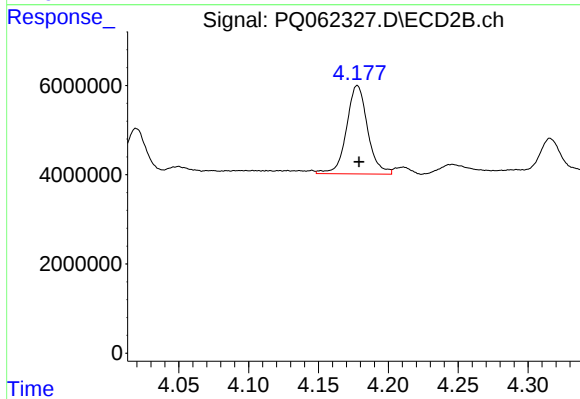
#23 AR-1248-3

R.T.: 4.019 min
Delta R.T.: -0.002 min
Response: 9796213
Conc: 108.19 ng/ml



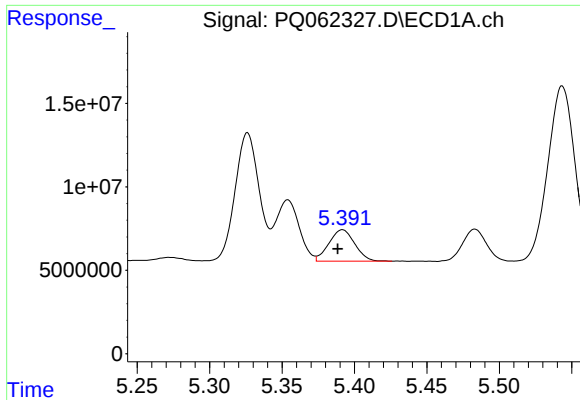
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 41040717
Conc: 213.83 ng/ml



#24 AR-1248-4

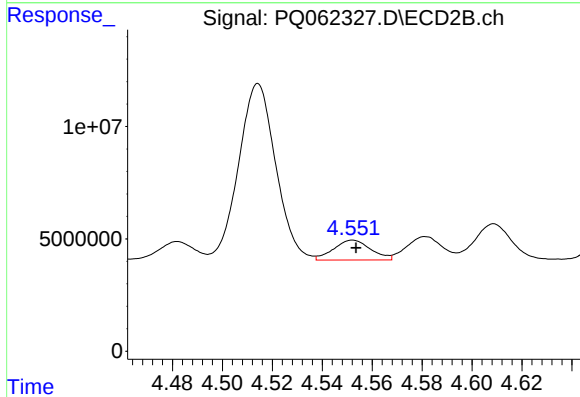
R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 20820912
Conc: 184.52 ng/ml



#25 AR-1248-5

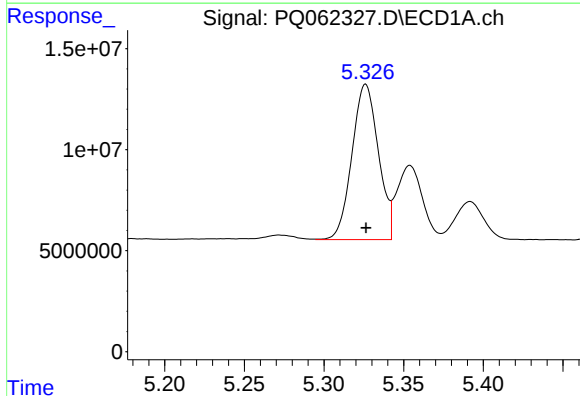
R.T.: 5.392 min
Delta R.T.: 0.003 min
Response: 23428442
Conc: 129.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



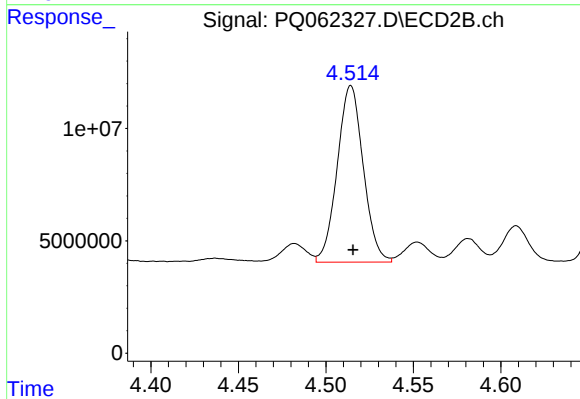
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 9158844
Conc: 81.75 ng/ml



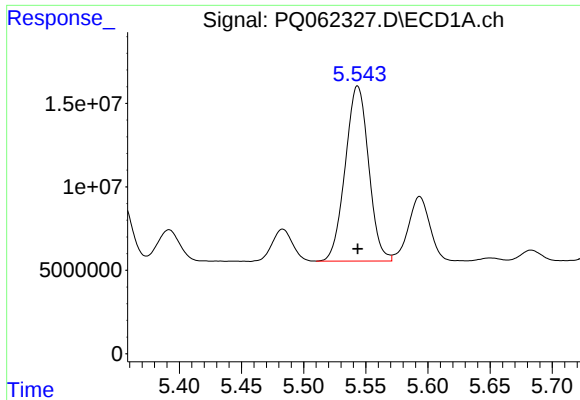
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 88791821
Conc: 477.83 ng/ml



#26 AR-1254-1

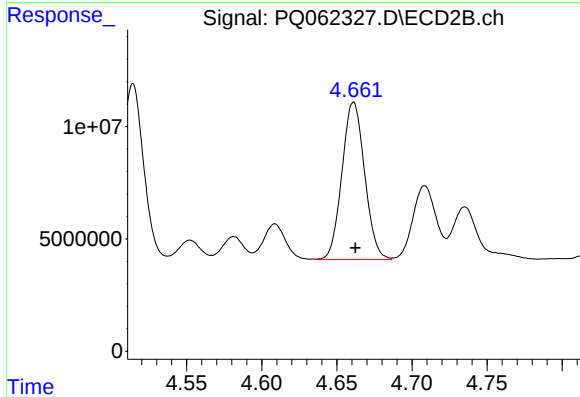
R.T.: 4.514 min
Delta R.T.: -0.001 min
Response: 81253846
Conc: 503.24 ng/ml



#27 AR-1254-2

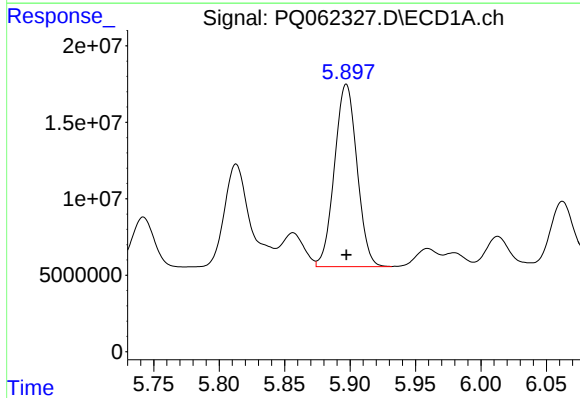
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 137645440
Conc: 473.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



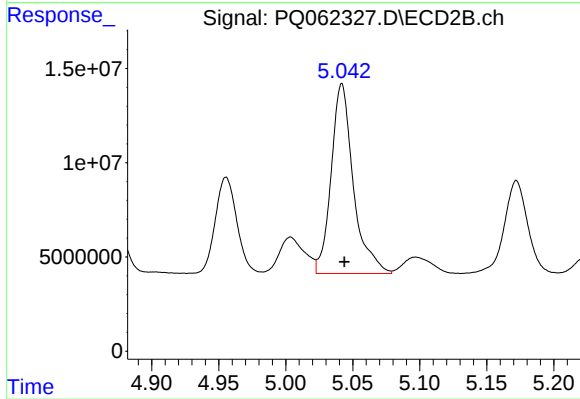
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 73667584
Conc: 500.38 ng/ml



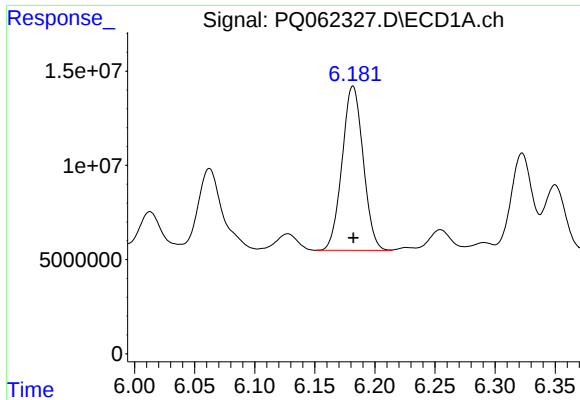
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 142871017
Conc: 465.17 ng/ml



#28 AR-1254-3

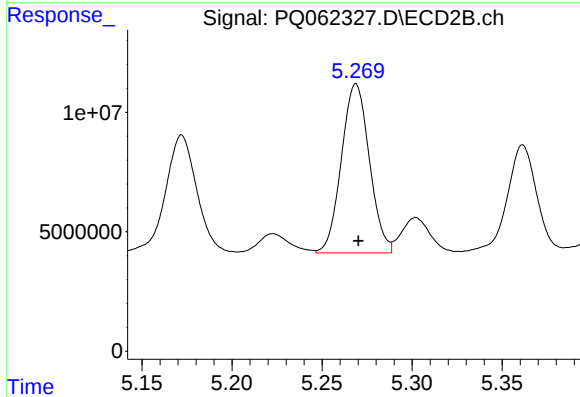
R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 116266444
Conc: 497.50 ng/ml



#29 AR-1254-4

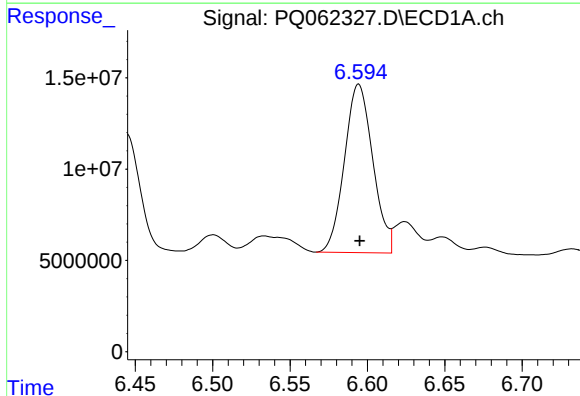
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 106413278
Conc: 458.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



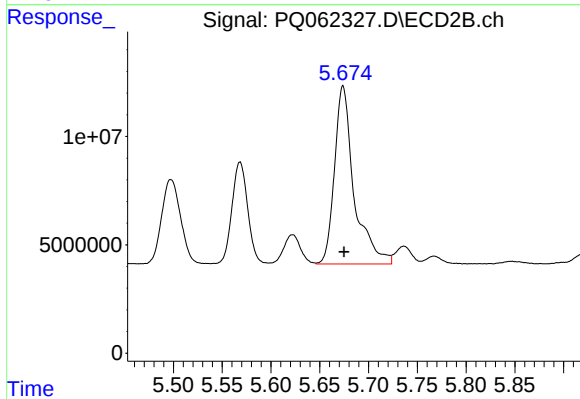
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 76493846
Conc: 501.88 ng/ml



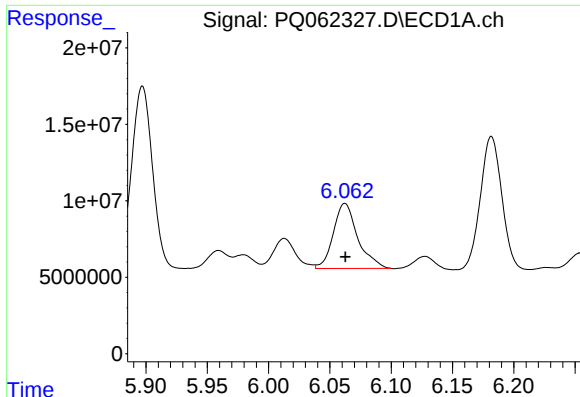
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: 0.000 min
Response: 117626839
Conc: 457.92 ng/ml



#30 AR-1254-5

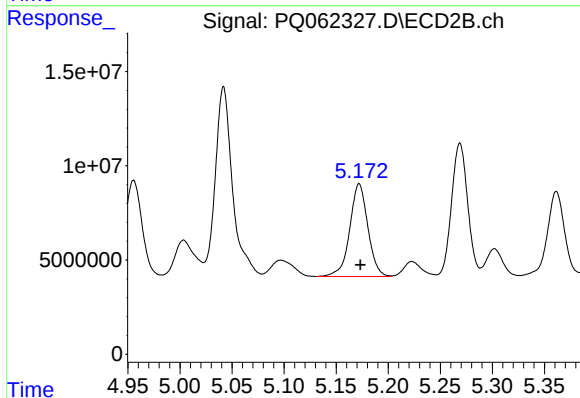
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 114500414
Conc: 496.11 ng/ml



#31 AR-1260-1

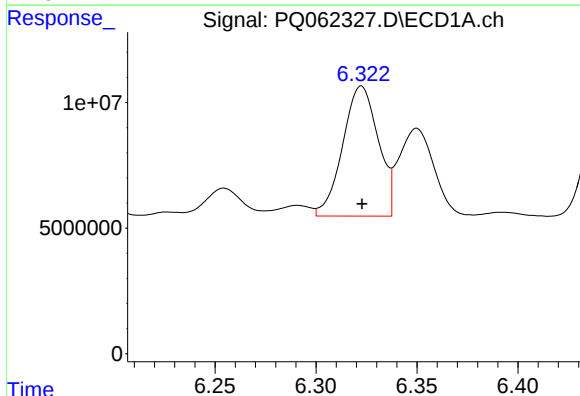
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 58878100
Conc: 249.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



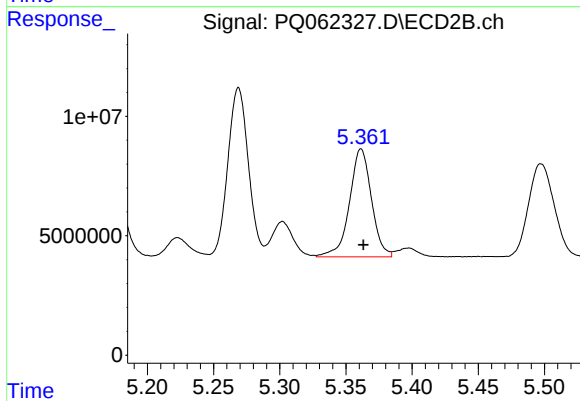
#31 AR-1260-1

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 59855348
Conc: 359.38 ng/ml



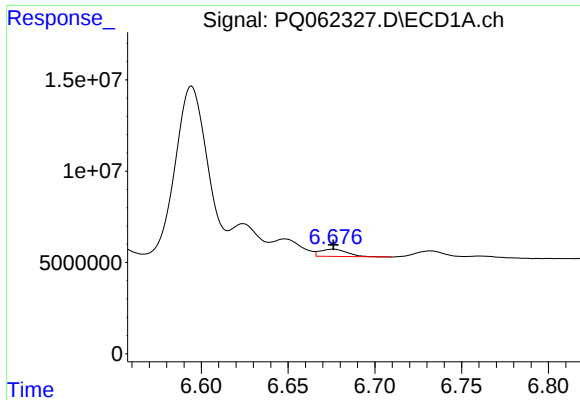
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 63456455
Conc: 219.72 ng/ml



#32 AR-1260-2

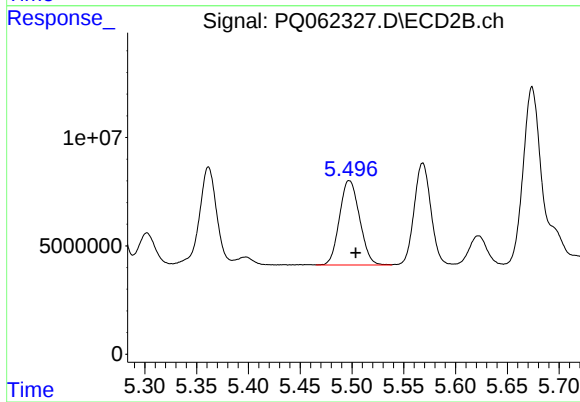
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 52155806
Conc: 250.81 ng/ml



#33 AR-1260-3

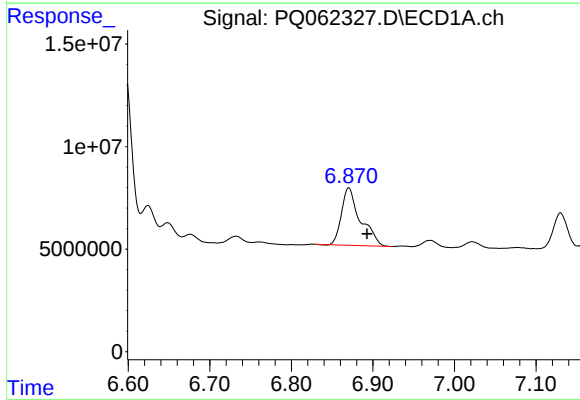
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 4273673
Conc: 24.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



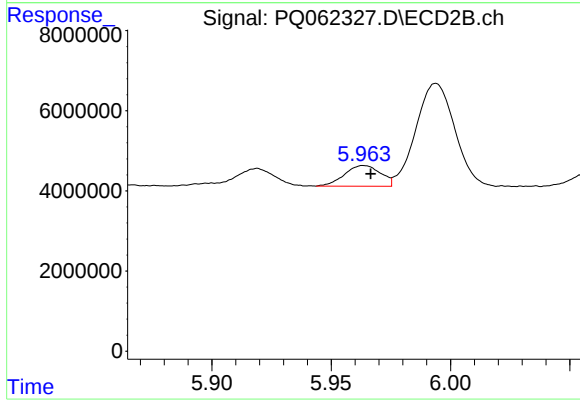
#33 AR-1260-3

R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 52474579
Conc: 269.71 ng/ml



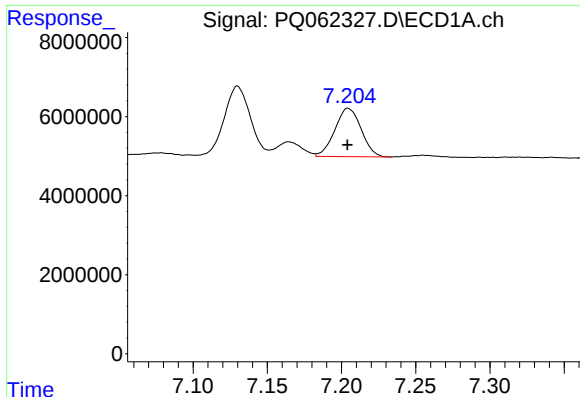
#34 AR-1260-4

R.T.: 6.870 min
Delta R.T.: -0.023 min
Response: 45284351
Conc: 214.97 ng/ml



#34 AR-1260-4

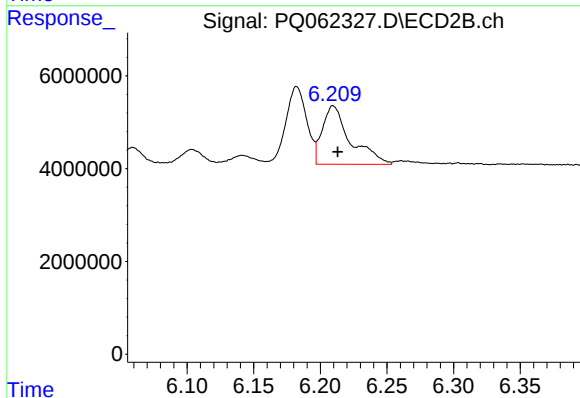
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 5412496
Conc: 37.11 ng/ml



#35 AR-1260-5

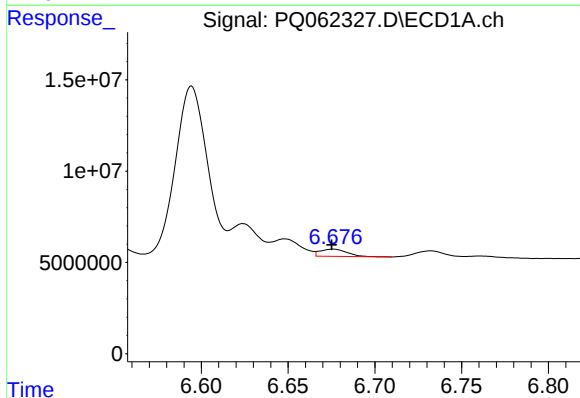
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 15102529
Conc: 36.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



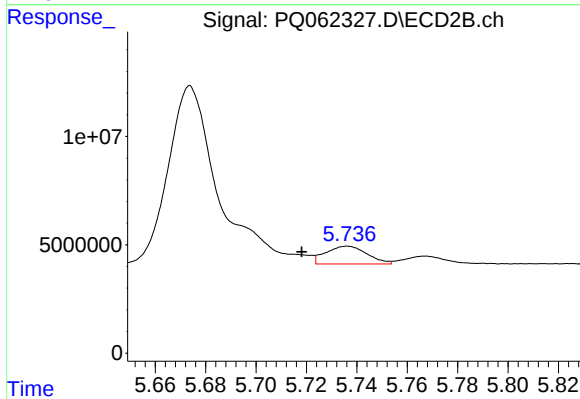
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 18512932
Conc: 55.75 ng/ml



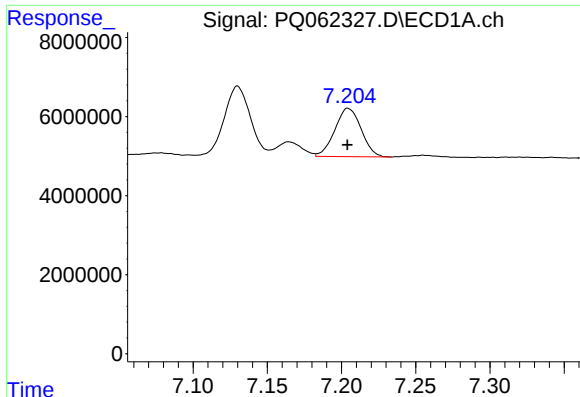
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 4273673
Conc: 14.01 ng/ml



#36 AR-1262-1

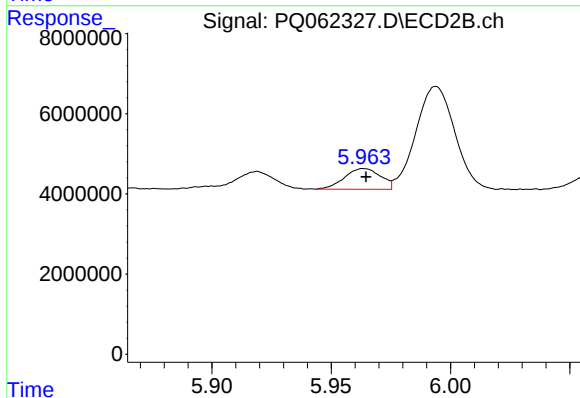
R.T.: 5.736 min
Delta R.T.: 0.018 min
Response: 9287869
Conc: 39.95 ng/ml



#37 AR-1262-2

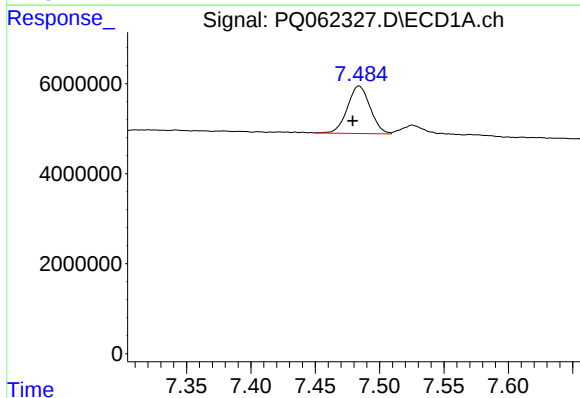
R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 15102529
Conc: 28.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



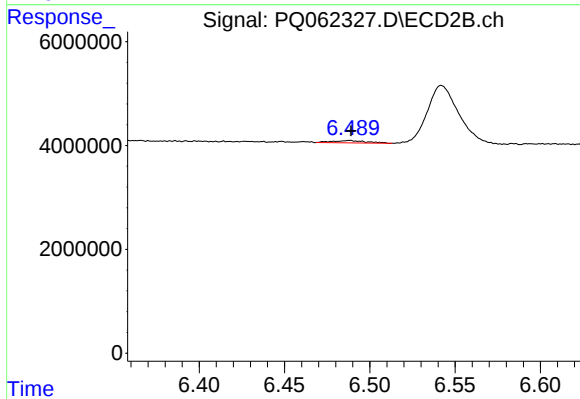
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 5412496
Conc: 25.03 ng/ml



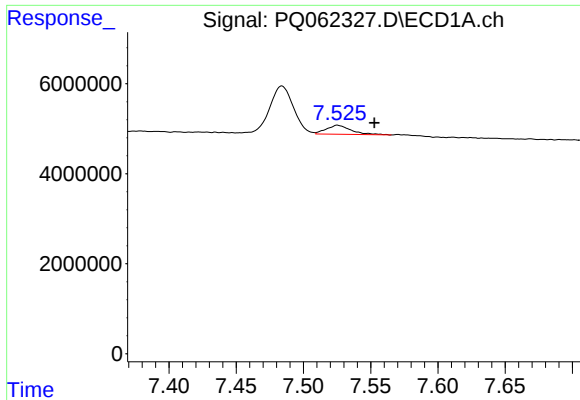
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 12968376
Conc: 36.81 ng/ml



#38 AR-1262-3

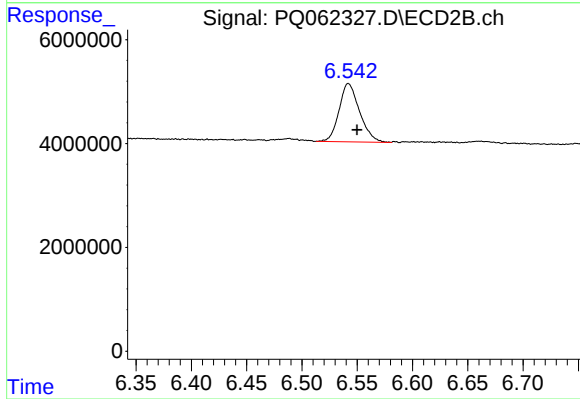
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 618009
Conc: 3.55 ng/ml



#39 AR-1262-4

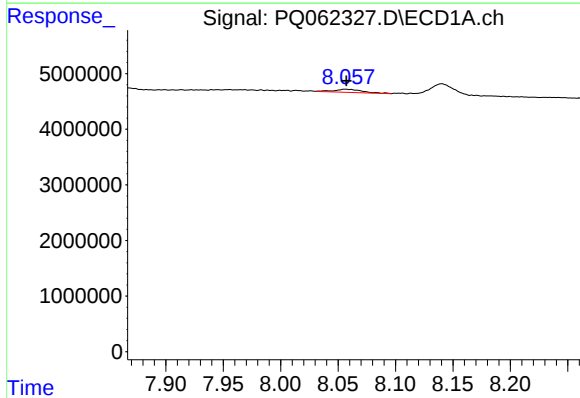
R.T.: 7.526 min
Delta R.T.: -0.027 min
Response: 2576159
Conc: 9.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



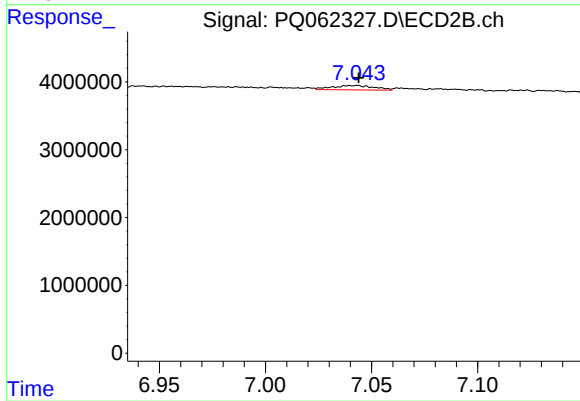
#39 AR-1262-4

R.T.: 6.542 min
Delta R.T.: -0.008 min
Response: 14477683
Conc: 44.92 ng/ml



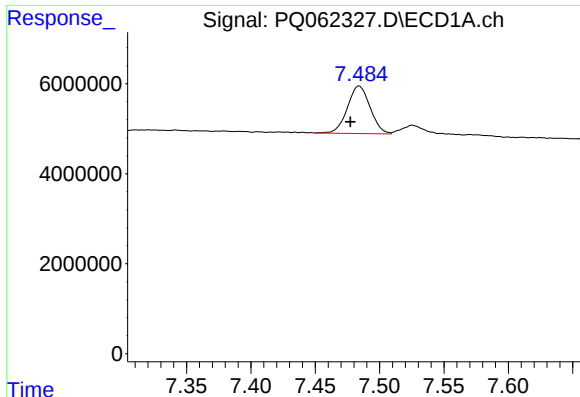
#40 AR-1262-5

R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 948345
Conc: 5.34 ng/ml



#40 AR-1262-5

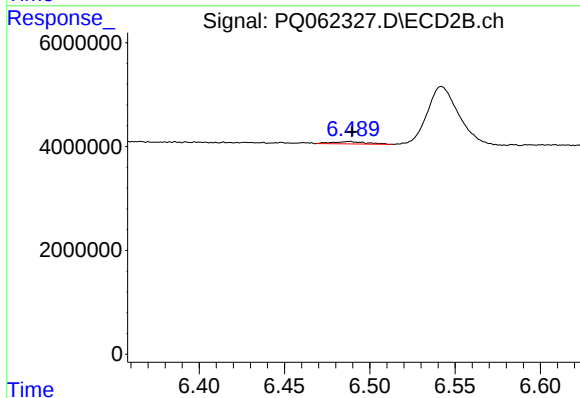
R.T.: 7.043 min
Delta R.T.: -0.001 min
Response: 880126
Conc: 5.67 ng/ml



#41 AR-1268-1

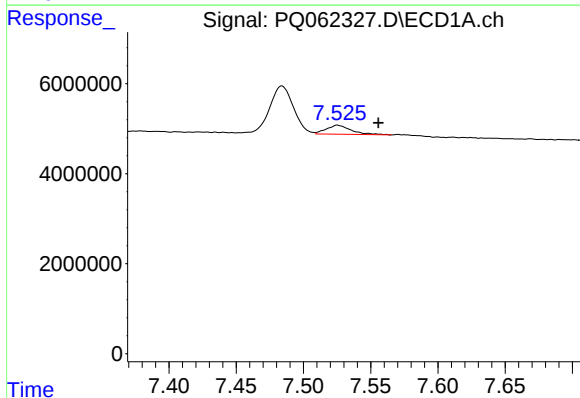
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 12968376
Conc: 22.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



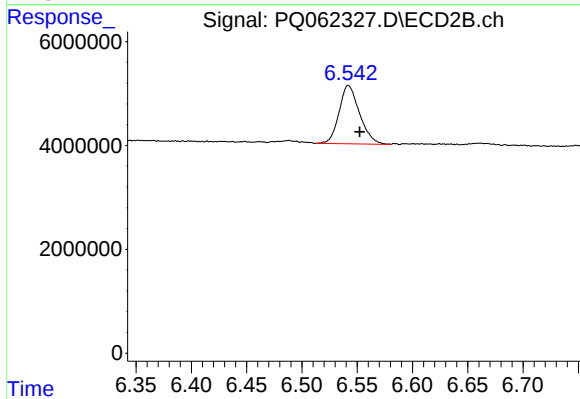
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 618009
Conc: 1.31 ng/ml



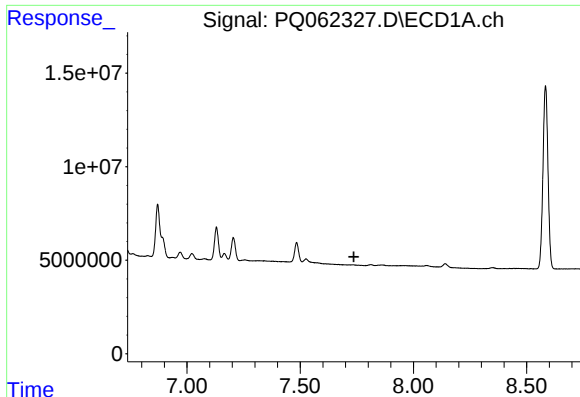
#42 AR-1268-2

R.T.: 7.526 min
Delta R.T.: -0.030 min
Response: 2576159
Conc: 5.05 ng/ml



#42 AR-1268-2

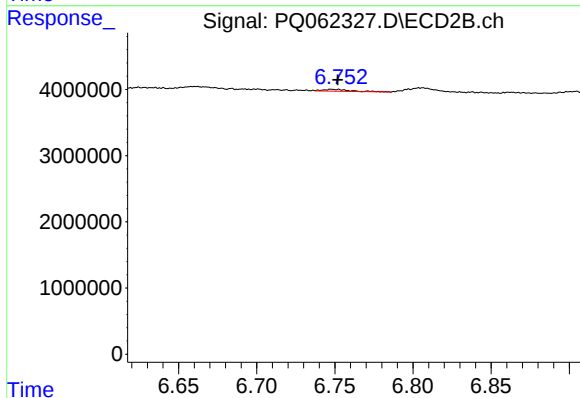
R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 14477683
Conc: 34.17 ng/ml



#43 AR-1268-3

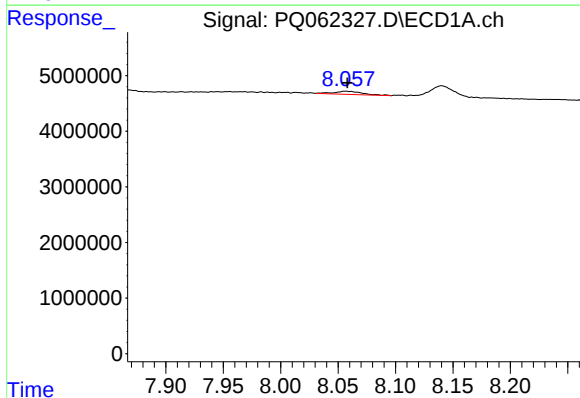
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



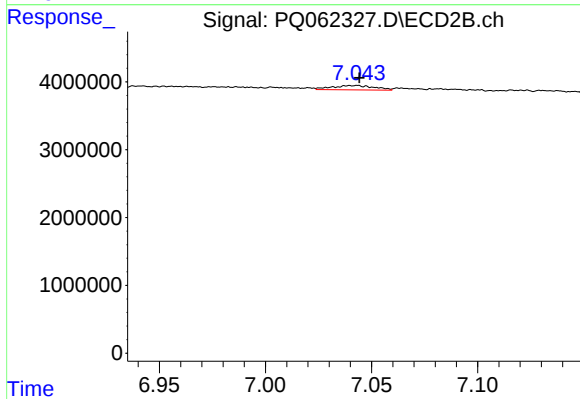
#43 AR-1268-3

R.T.: 6.748 min
Delta R.T.: -0.004 min
Response: 333623
Conc: 0.91 ng/ml



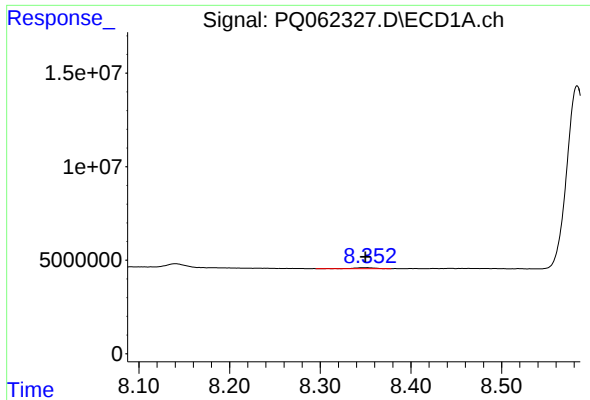
#44 AR-1268-4

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 948345
Conc: 5.18 ng/ml



#44 AR-1268-4

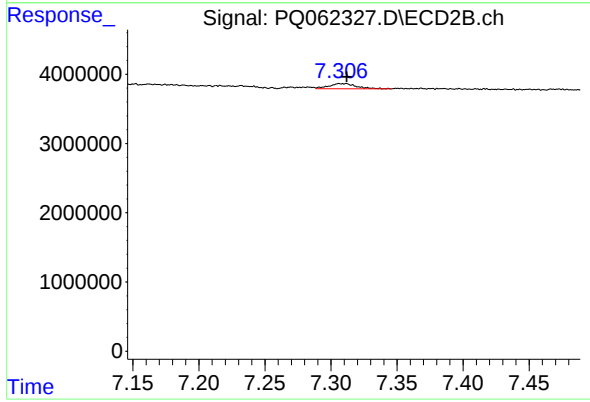
R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 880126
Conc: 5.50 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 896693
Conc: 0.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 1082364
Conc: 0.93 ng/ml