

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 21:06
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:31:59 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	236.3E6	137.4E6	48.433	54.778
2)	SA Decachlor...	8.584	7.527	162.1E6	165.6E6	44.625	49.710
Target Compounds							
3)	L1 AR-1016-1	4.505	3.759	60113336	38026317	364.947	384.200
4)	L1 AR-1016-2	4.524	3.775	88992974	55737390	359.904	386.531
5)	L1 AR-1016-3	4.582	3.935	55231028	28970345	362.395	384.005
6)	L1 AR-1016-4	4.673	3.984	45630259	25963281	364.037	395.305
7)	L1 AR-1016-5	4.961	4.178	48368982	33225781	397.389	405.283
8)	L2 AR-1221-1	3.601	2.959	8911676	4990444	148.261	151.242
9)	L2 AR-1221-2	3.683	3.035	12043152	7955521	268.027	313.209
10)	L2 AR-1221-3	3.753	3.104	36857908	23599337	262.300	306.124
11)	L3 AR-1232-1	3.753	3.104	36857908	23599337	349.029	411.866
12)	L3 AR-1232-2	4.246	3.775	45976535	55737390	777.272	837.464
13)	L3 AR-1232-3	4.524	3.935	88992974	28970345	786.987	838.384
14)	L3 AR-1232-4	4.673	4.021	45630259	28302893	805.243	951.683
15)	L3 AR-1232-5	4.770	4.178	37601829	33225781	938.872	931.716
16)	L4 AR-1242-1	4.505	3.759	60113336	38026317	459.919	491.683
17)	L4 AR-1242-2	4.524	3.775	88992974	55737390	458.400	501.422
18)	L4 AR-1242-3	4.582	3.935	55231028	28970345	457.044	494.577
19)	L4 AR-1242-4	4.673	4.021	45630259	28302893	468.071	482.752
20)	L4 AR-1242-5	5.389	4.515	44756793	41537368	467.531	501.099
21)	L5 AR-1248-1	4.505	3.759	60113336	38026317	578.132	608.223
22)	L5 AR-1248-2	4.770	3.984	37601829	25963281	261.738	276.886
23)	L5 AR-1248-3	4.961	4.021	48368982	28302893	278.442	312.588
24)	L5 AR-1248-4	5.354	4.178	45427128	33225781	236.685	294.452
25)	L5 AR-1248-5	5.389	4.552	44756793	32070622	247.108	286.262
26)	L6 AR-1254-1	5.326	4.515	38585042	41537368	207.646	257.257
27)	L6 AR-1254-2	5.541	4.662	46232136	12552022	159.030	85.258 #
28)	L6 AR-1254-3	5.897	5.043	22669134	18259646	73.807	78.132
29)	L6 AR-1254-4	6.182	5.269	18235185	13357354	78.535	87.638
30)	L6 AR-1254-5	6.595	5.674	7231611	9393091	28.153	40.699 #
31)	L7 AR-1260-1	6.063	5.174	4460650	10644905	18.907	63.913 #
32)	L7 AR-1260-2	6.323	5.362	6075829	4471470	21.037	21.503
33)	L7 AR-1260-3	6.677	5.499	259192	4653115	1.468	23.916 #
34)	L7 AR-1260-4	6.873	5.994f	3479419	2706478	16.518	18.555
35)	L7 AR-1260-5	7.207	6.212	1439286	1343700	3.505	4.047
36)	L8 AR-1262-1	6.677	5.736	259192	1353093	0.850	5.820 #
37)	L8 AR-1262-2	7.207	5.994f	1439286	2706478	2.733	12.518 #
38)	L8 AR-1262-3	7.483	6.486	1732351	572234	4.917	3.283 #
39)	L8 AR-1262-4	7.541	6.545	187898	1308358	0.704	4.060 #
40)	L8 AR-1262-5	8.060	7.042	163914	553833	0.923	3.570 #
41)	L9 AR-1268-1	7.483	6.486	1732351	572234	3.053	1.216 #

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 Acq On : 17 Jul 2023 21:06
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

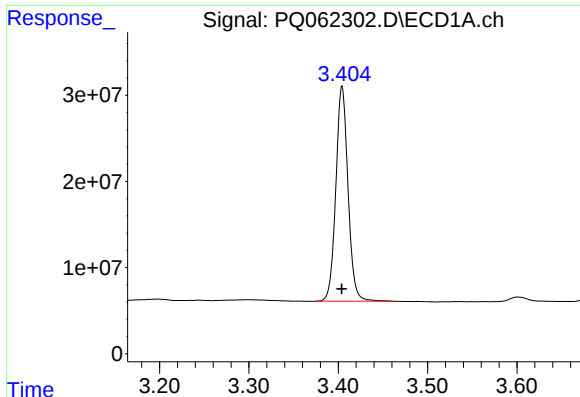
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:31:59 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	7.541	6.545	187898	1308358	0.369	3.088 #
43) L9	AR-1268-3	7.737	6.747	569813	617340	1.335	1.676 #
44) L9	AR-1268-4	8.060	7.042	163914	553833	0.896	3.463 #
45) L9	AR-1268-5	8.351	7.310	866127	1332821	0.687	1.142 #

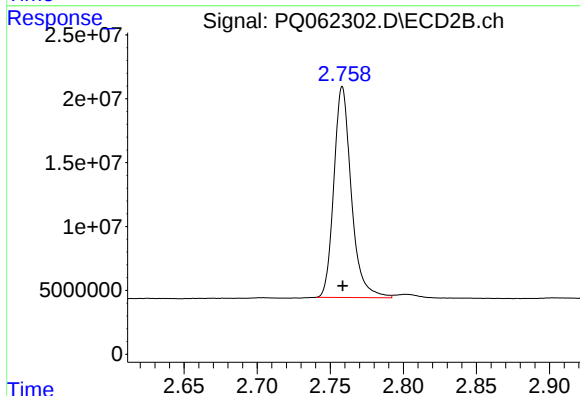
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

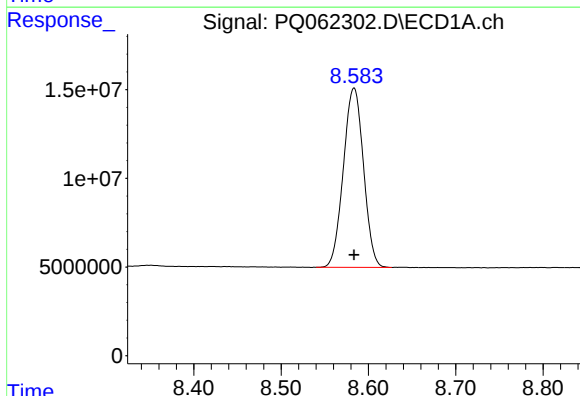
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 236264289
Conc: 48.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



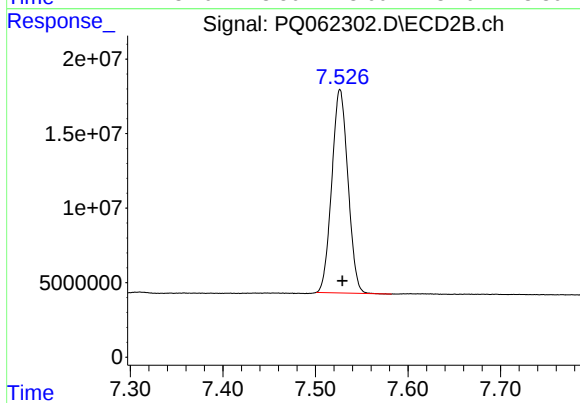
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 137443089
Conc: 54.78 ng/ml



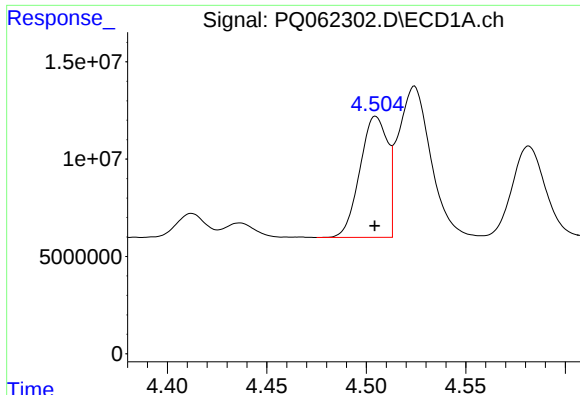
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 162110478
Conc: 44.62 ng/ml



#2 Decachlorobiphenyl

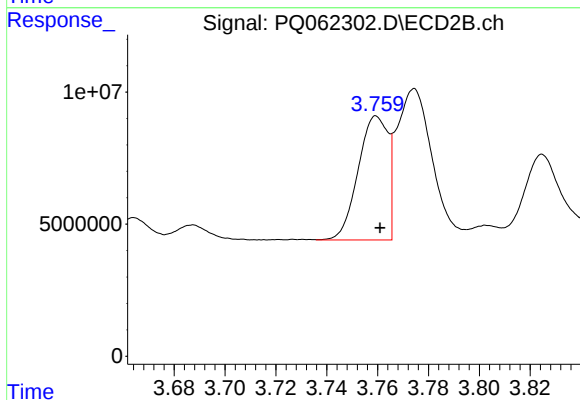
R.T.: 7.527 min
Delta R.T.: -0.003 min
Response: 165643998
Conc: 49.71 ng/ml



#3 AR-1016-1

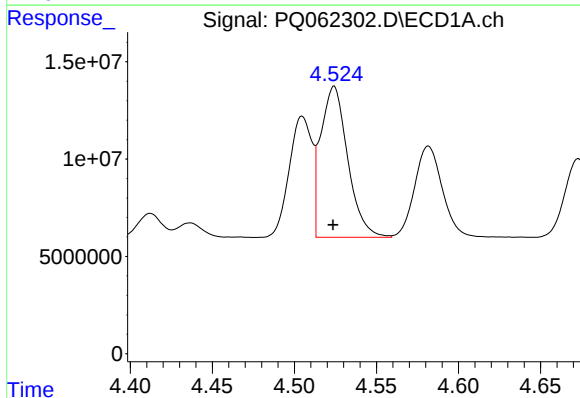
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 60113336
Conc: 364.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



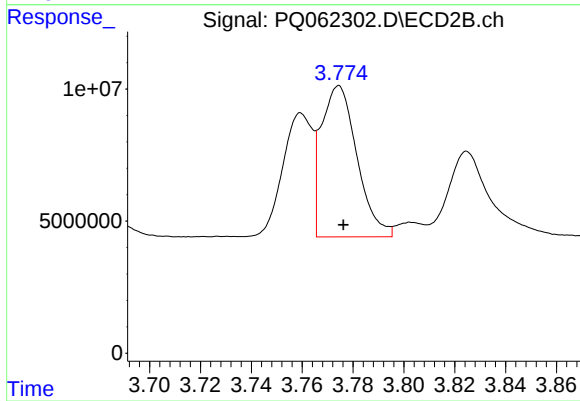
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.001 min
Response: 38026317
Conc: 384.20 ng/ml



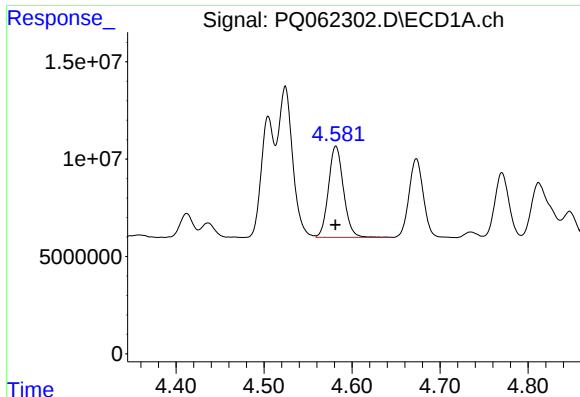
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 88992974
Conc: 359.90 ng/ml



#4 AR-1016-2

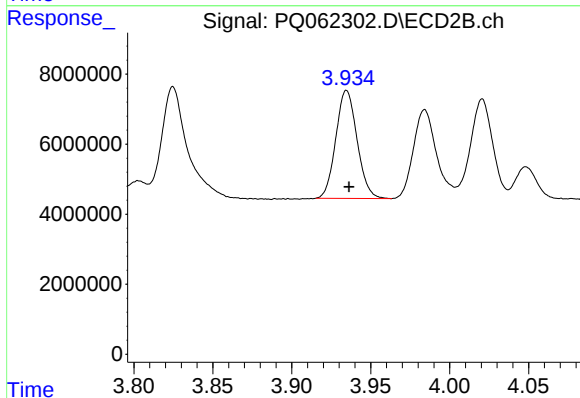
R.T.: 3.775 min
Delta R.T.: -0.002 min
Response: 55737390
Conc: 386.53 ng/ml



#5 AR-1016-3

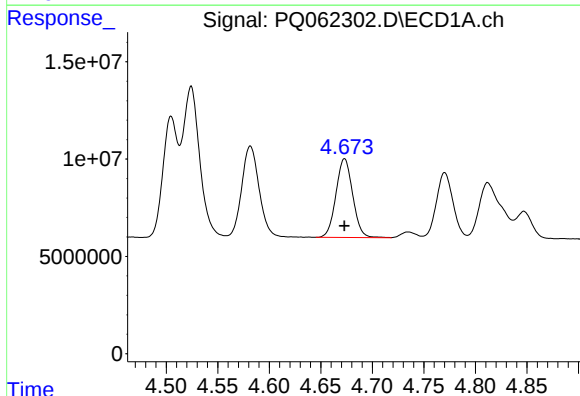
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 55231028
Conc: 362.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



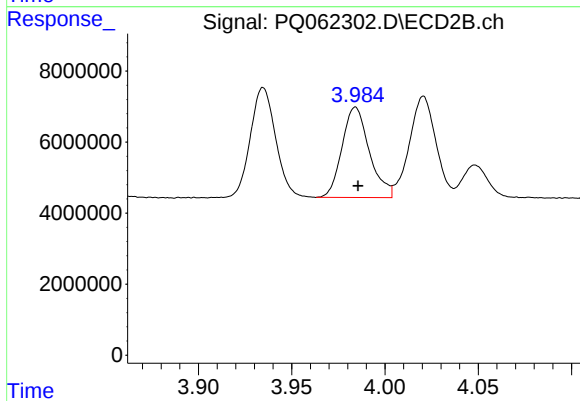
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 28970345
Conc: 384.00 ng/ml



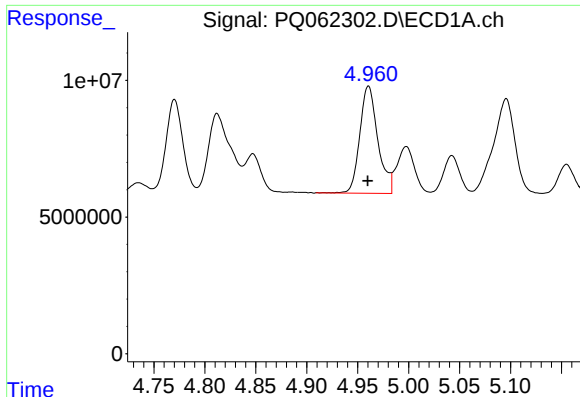
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 45630259
Conc: 364.04 ng/ml



#6 AR-1016-4

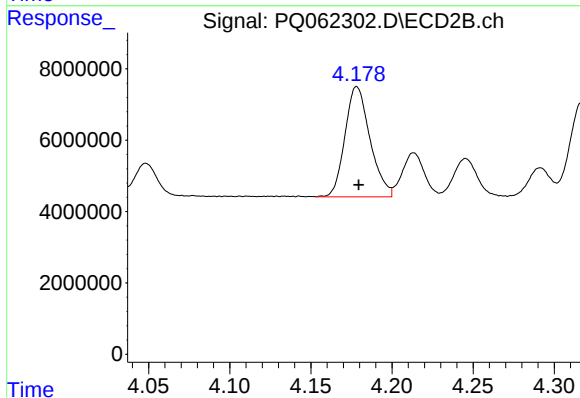
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 25963281
Conc: 395.30 ng/ml



#7 AR-1016-5

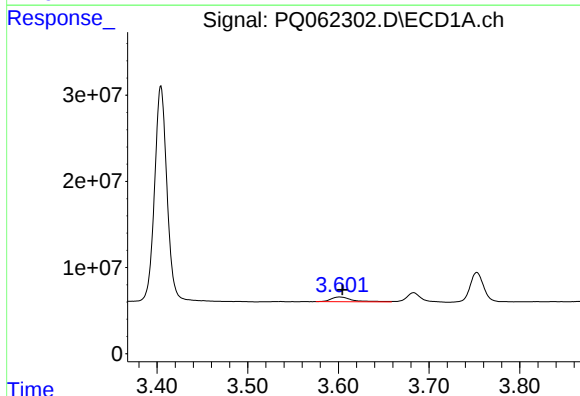
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 48368982
Conc: 397.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



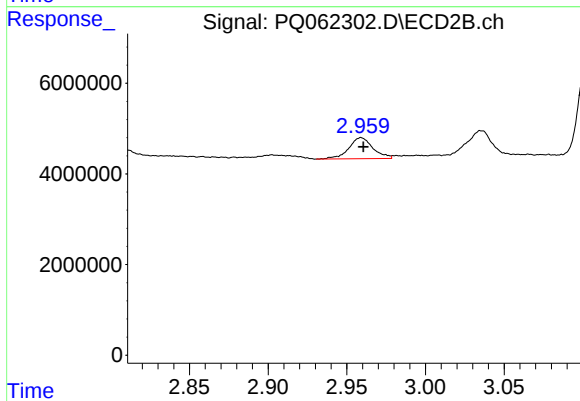
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 33225781
Conc: 405.28 ng/ml



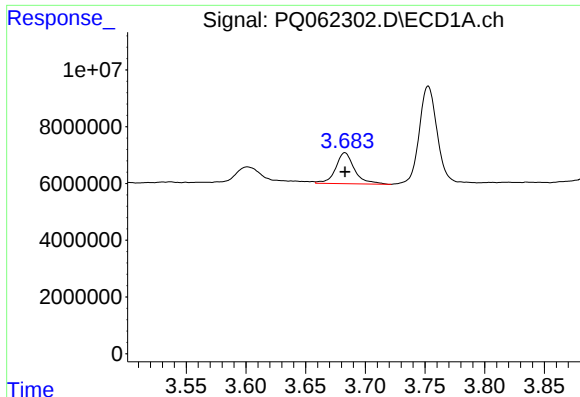
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8911676
Conc: 148.26 ng/ml



#8 AR-1221-1

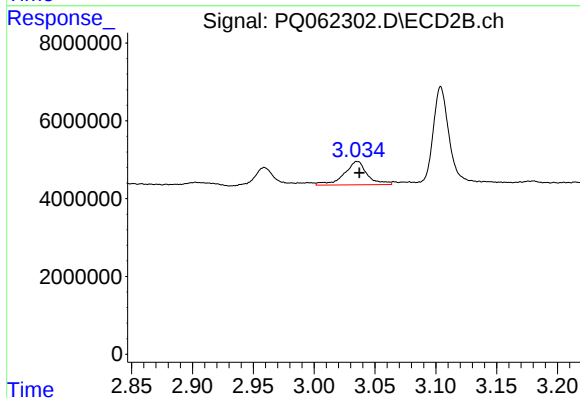
R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 4990444
Conc: 151.24 ng/ml



#9 AR-1221-2

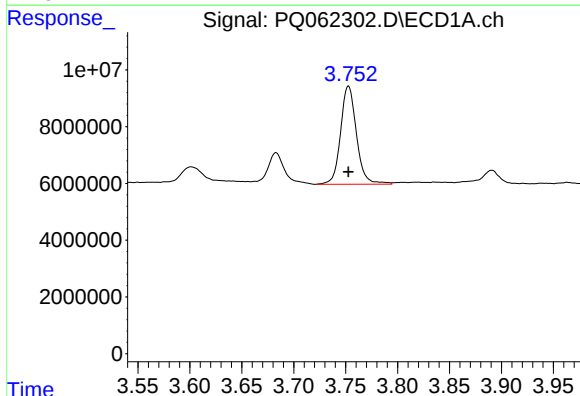
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 12043152
Conc: 268.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



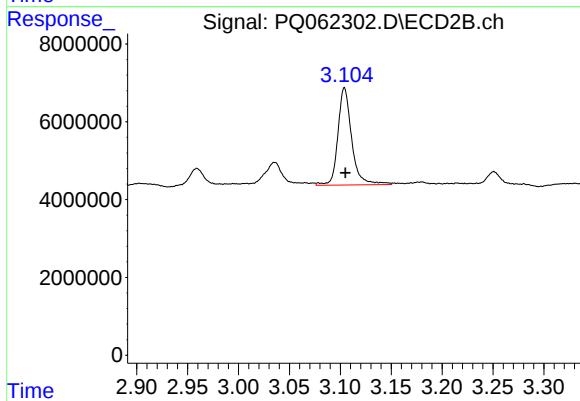
#9 AR-1221-2

R.T.: 3.035 min
Delta R.T.: -0.002 min
Response: 7955521
Conc: 313.21 ng/ml



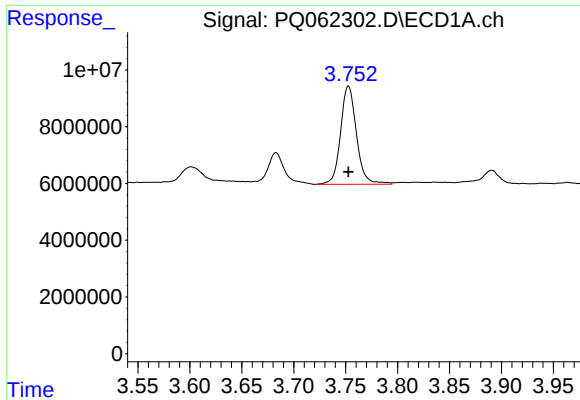
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 36857908
Conc: 262.30 ng/ml



#10 AR-1221-3

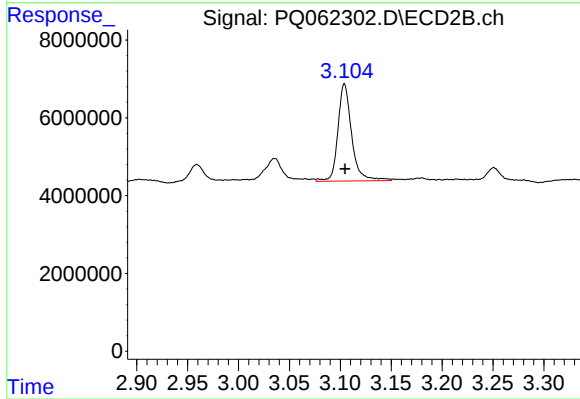
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 23599337
Conc: 306.12 ng/ml



#11 AR-1232-1

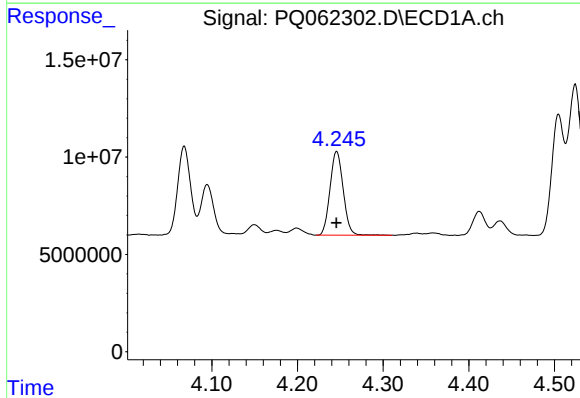
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 36857908
Conc: 349.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



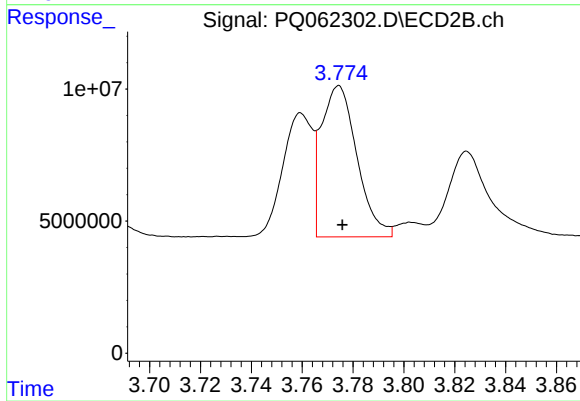
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 23599337
Conc: 411.87 ng/ml



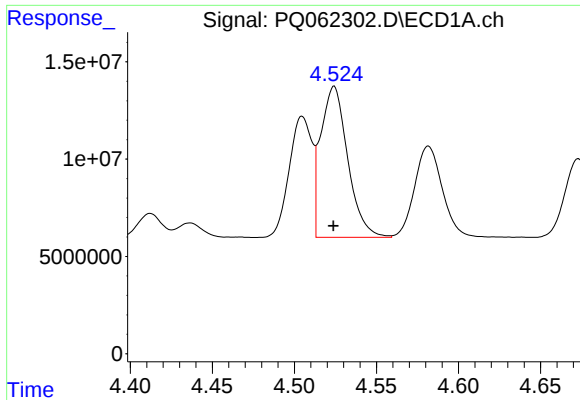
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 45976535
Conc: 777.27 ng/ml



#12 AR-1232-2

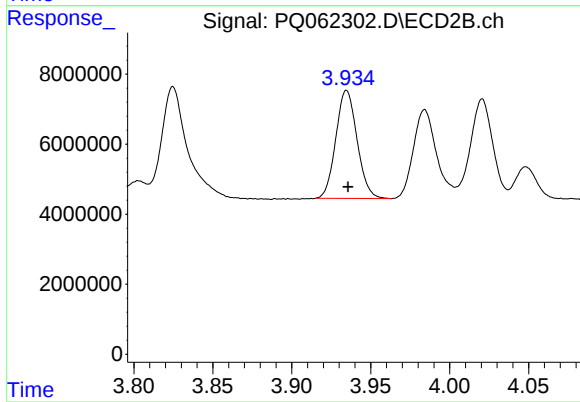
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 55737390
Conc: 837.46 ng/ml



#13 AR-1232-3

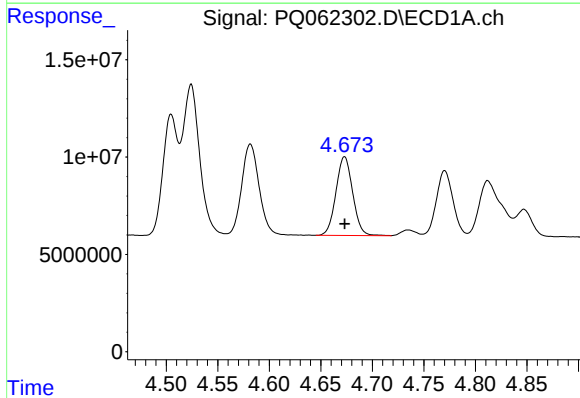
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 88992974
Conc: 786.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



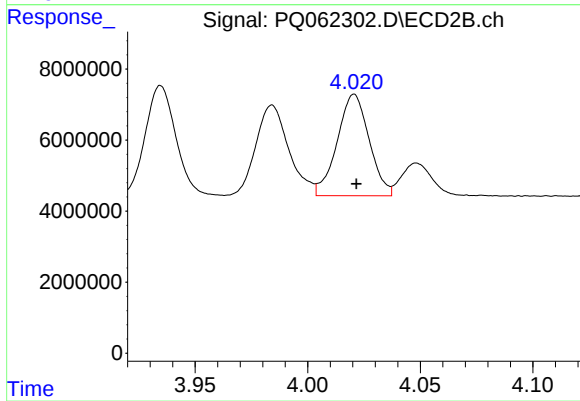
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 28970345
Conc: 838.38 ng/ml



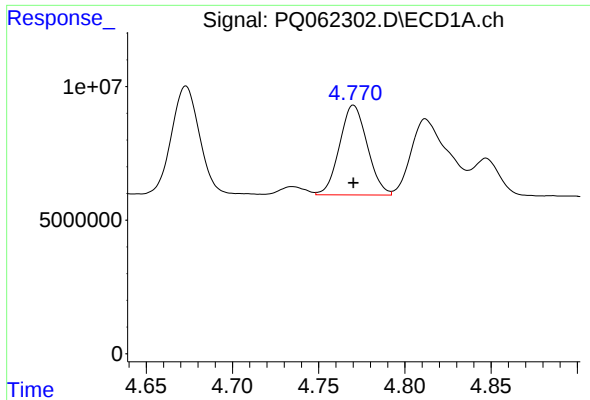
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 45630259
Conc: 805.24 ng/ml



#14 AR-1232-4

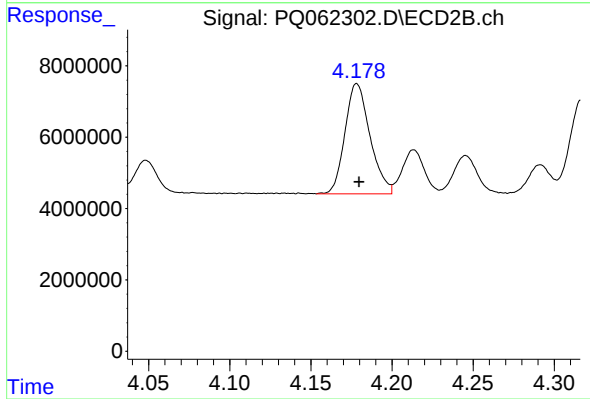
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 28302893
Conc: 951.68 ng/ml



#15 AR-1232-5

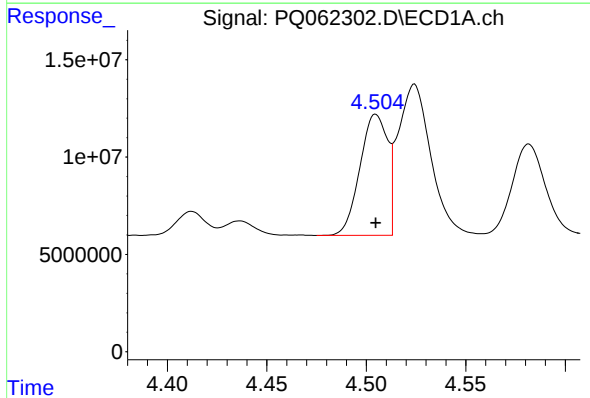
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 37601829
Conc: 938.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



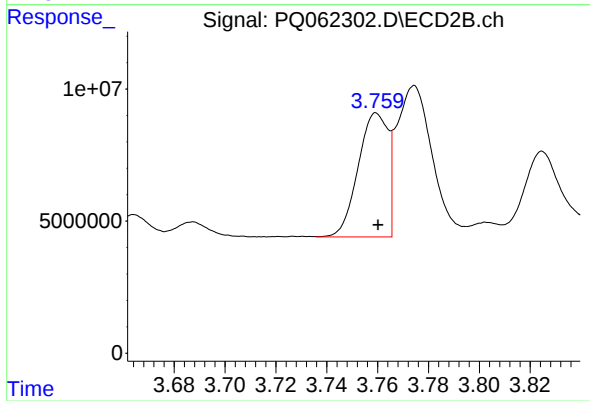
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 33225781
Conc: 931.72 ng/ml



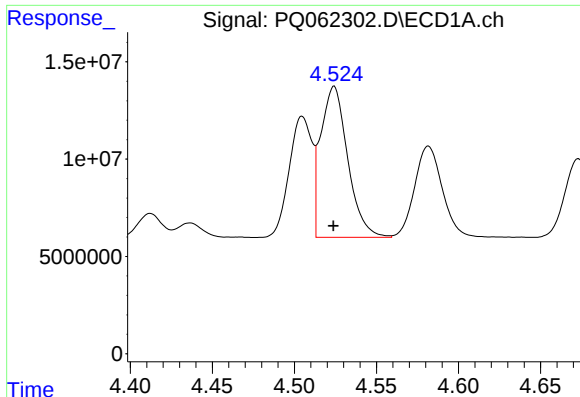
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 60113336
Conc: 459.92 ng/ml



#16 AR-1242-1

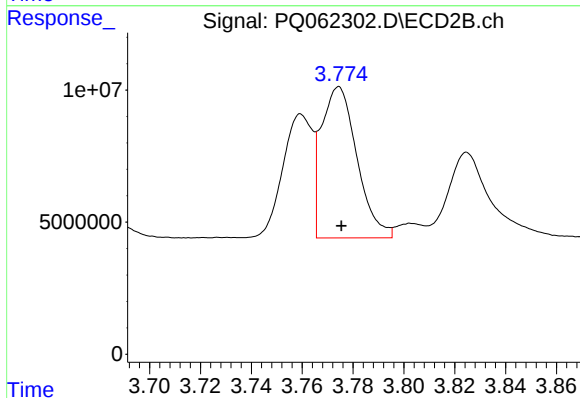
R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 38026317
Conc: 491.68 ng/ml



#17 AR-1242-2

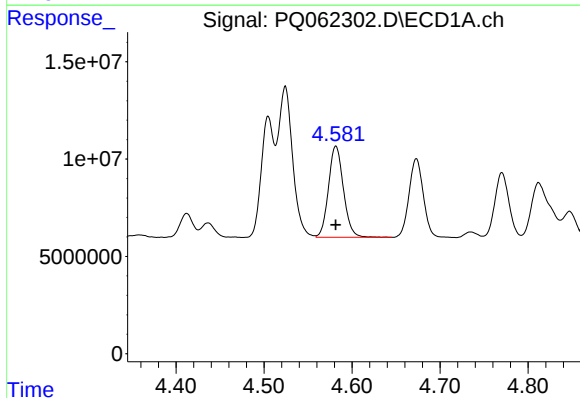
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 88992974
Conc: 458.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



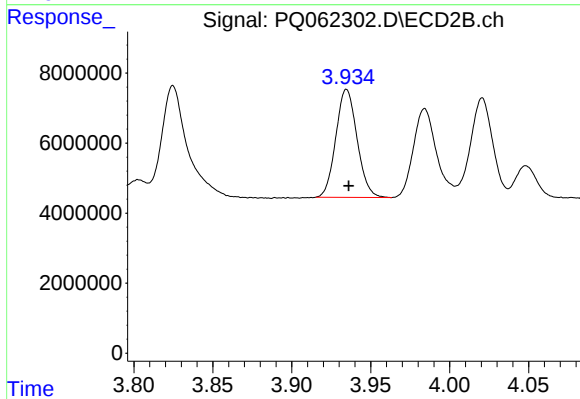
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 55737390
Conc: 501.42 ng/ml



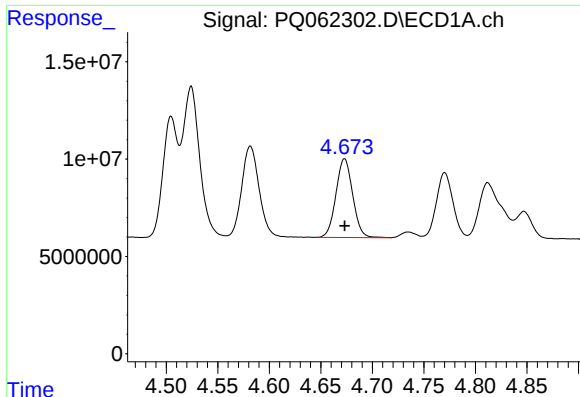
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 55231028
Conc: 457.04 ng/ml



#18 AR-1242-3

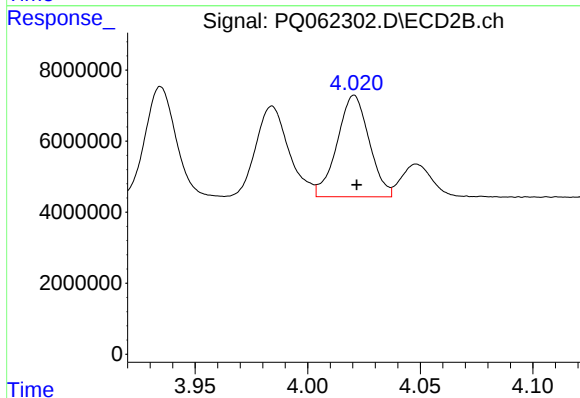
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 28970345
Conc: 494.58 ng/ml



#19 AR-1242-4

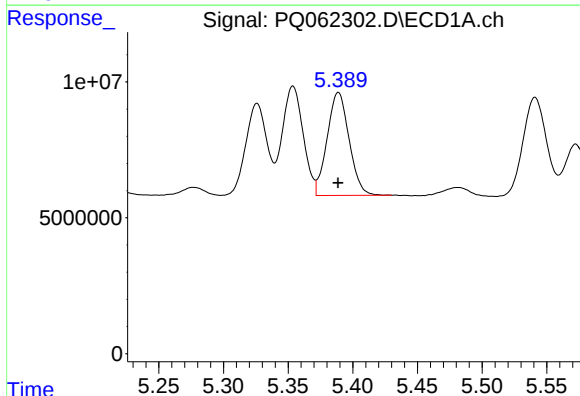
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 45630259
Conc: 468.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



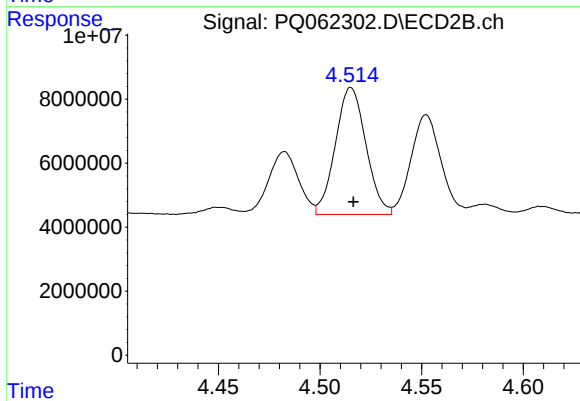
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 28302893
Conc: 482.75 ng/ml



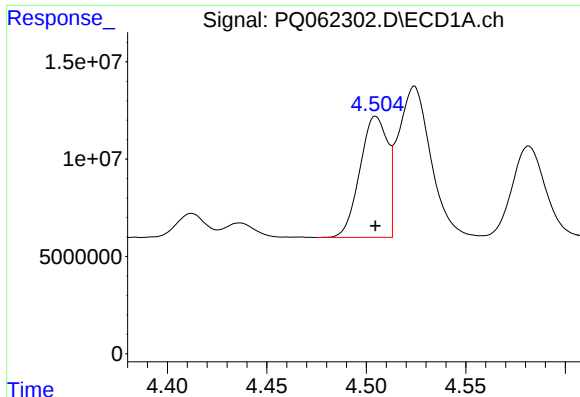
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 44756793
Conc: 467.53 ng/ml



#20 AR-1242-5

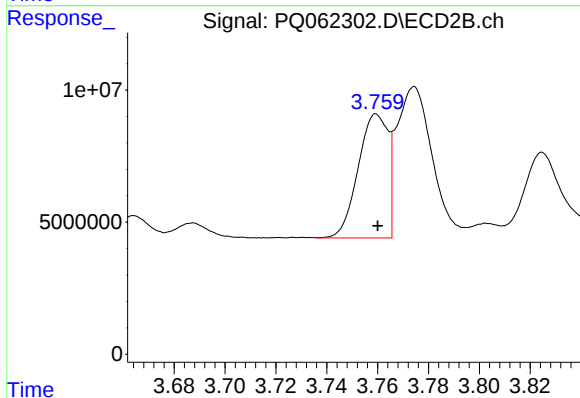
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 41537368
Conc: 501.10 ng/ml



#21 AR-1248-1

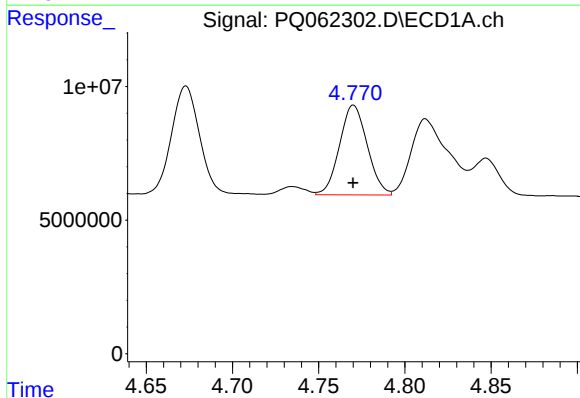
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 60113336
Conc: 578.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



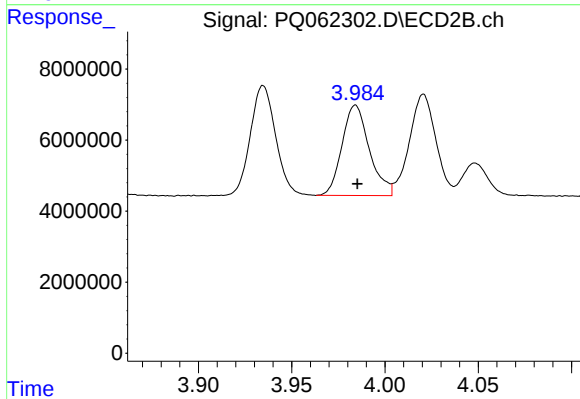
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: 0.000 min
Response: 38026317
Conc: 608.22 ng/ml



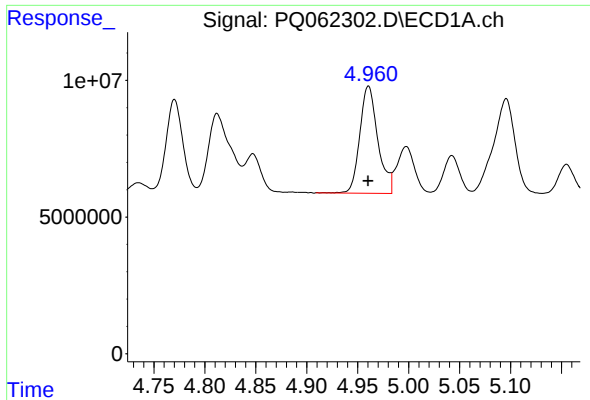
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 37601829
Conc: 261.74 ng/ml



#22 AR-1248-2

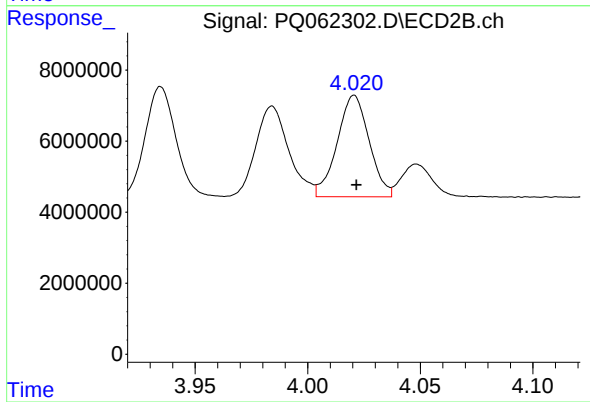
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 25963281
Conc: 276.89 ng/ml



#23 AR-1248-3

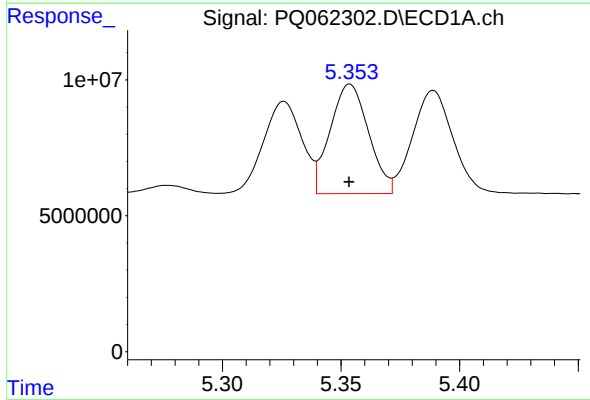
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 48368982
Conc: 278.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



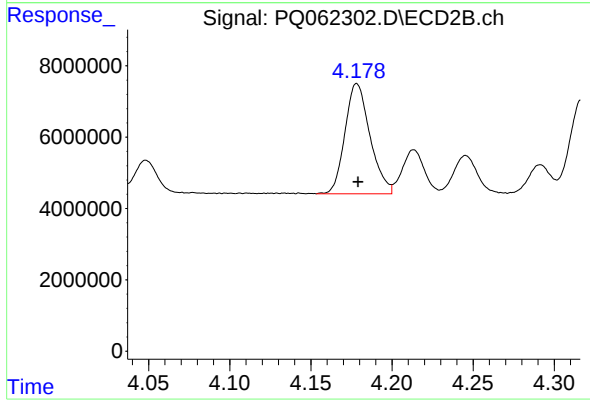
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 28302893
Conc: 312.59 ng/ml



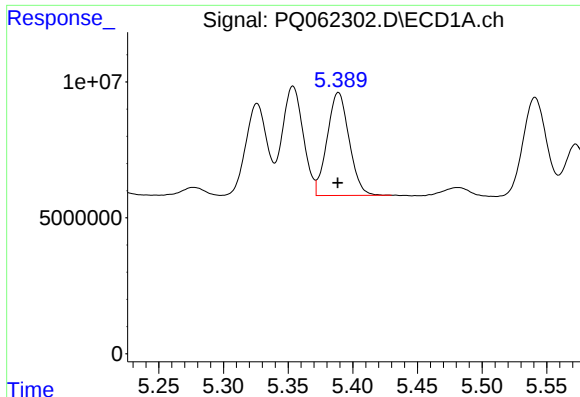
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 45427128
Conc: 236.69 ng/ml



#24 AR-1248-4

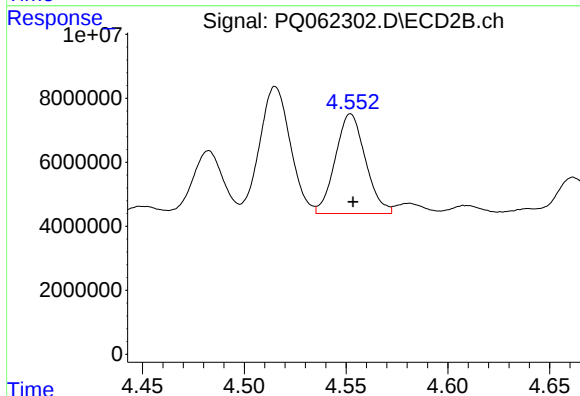
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 33225781
Conc: 294.45 ng/ml



#25 AR-1248-5

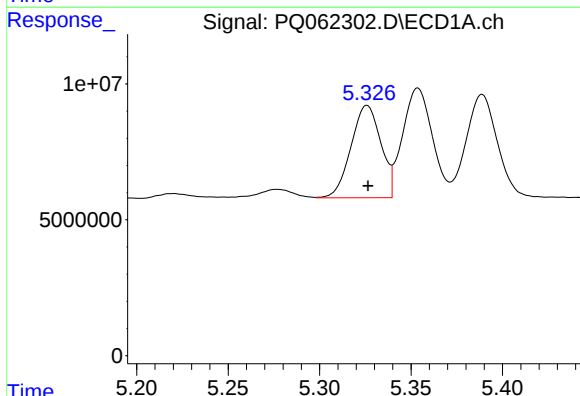
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 44756793
Conc: 247.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



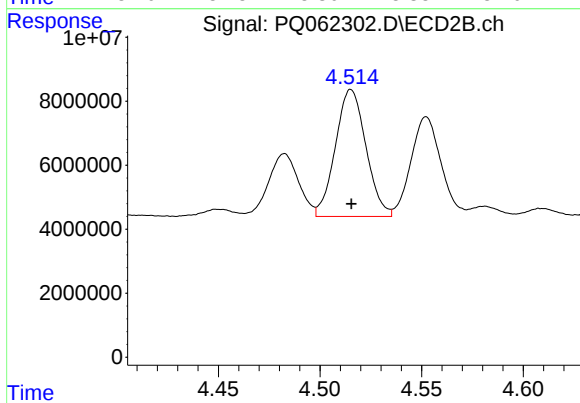
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 32070622
Conc: 286.26 ng/ml



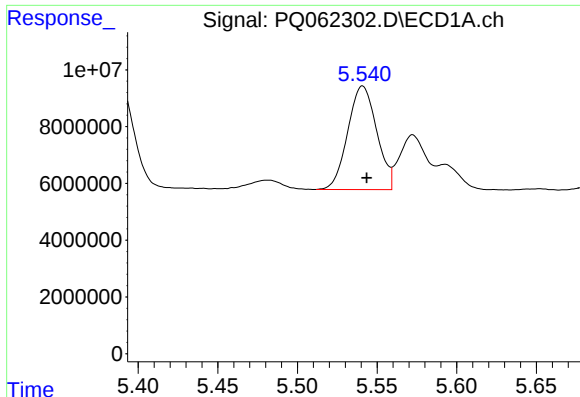
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 38585042
Conc: 207.65 ng/ml



#26 AR-1254-1

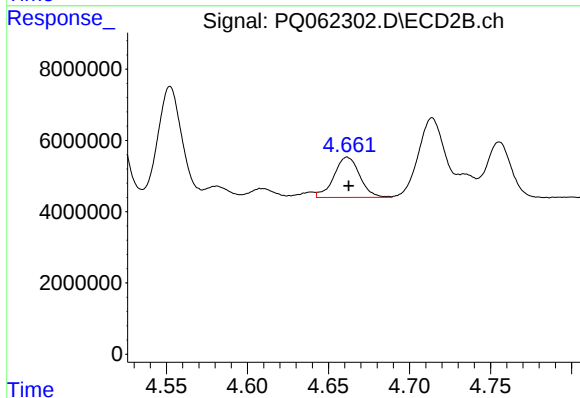
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 41537368
Conc: 257.26 ng/ml



#27 AR-1254-2

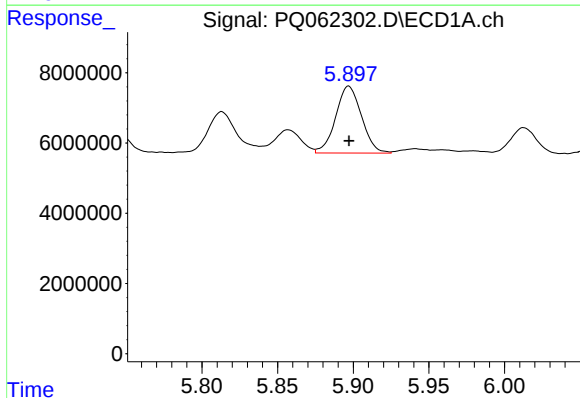
R.T.: 5.541 min
Delta R.T.: -0.003 min
Response: 46232136
Conc: 159.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



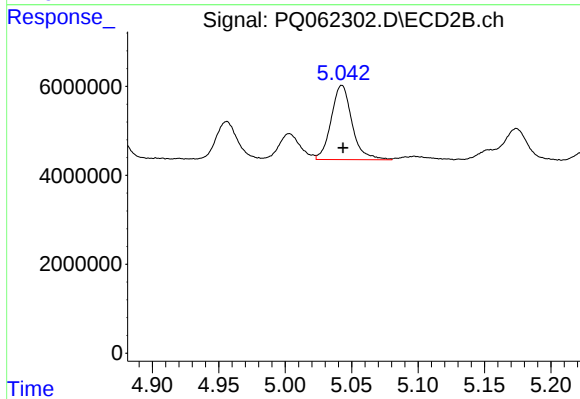
#27 AR-1254-2

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 12552022
Conc: 85.26 ng/ml



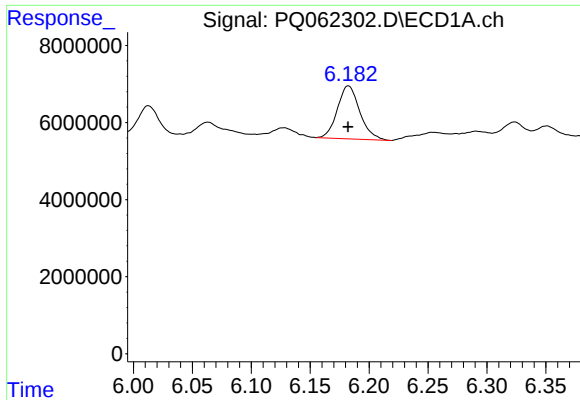
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 22669134
Conc: 73.81 ng/ml



#28 AR-1254-3

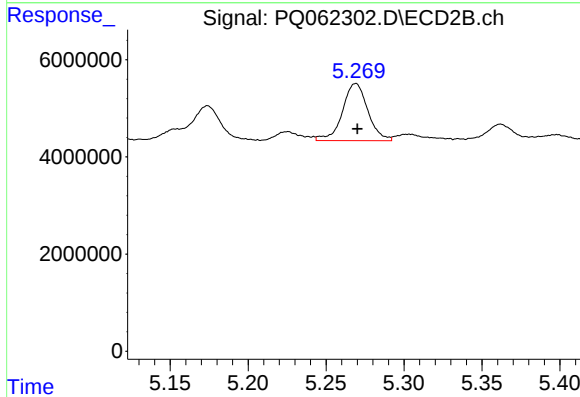
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 18259646
Conc: 78.13 ng/ml



#29 AR-1254-4

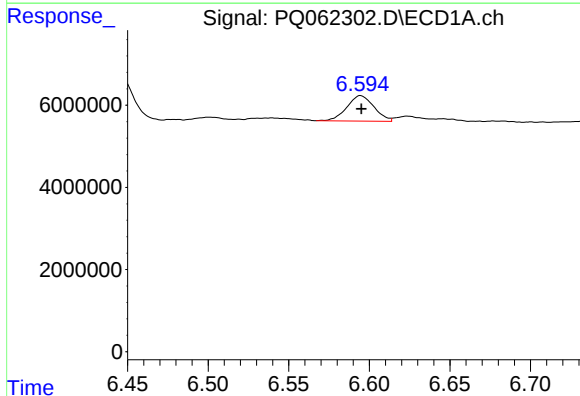
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 18235185
Conc: 78.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



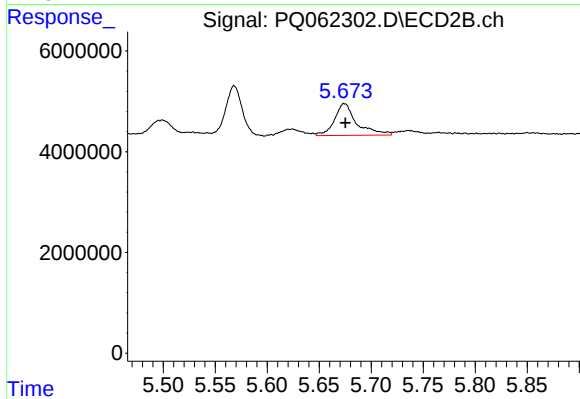
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 13357354
Conc: 87.64 ng/ml



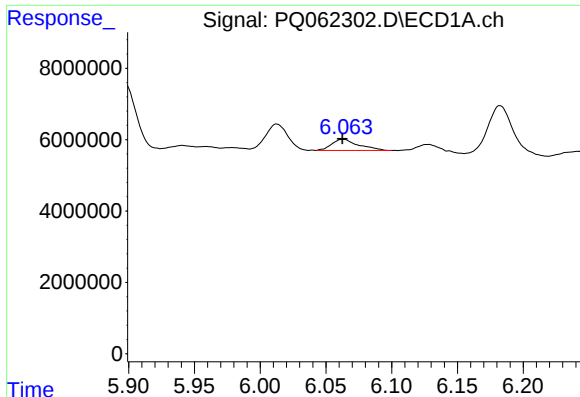
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 7231611
Conc: 28.15 ng/ml



#30 AR-1254-5

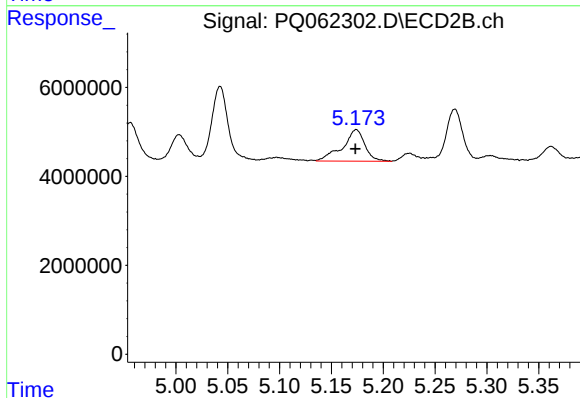
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 9393091
Conc: 40.70 ng/ml



#31 AR-1260-1

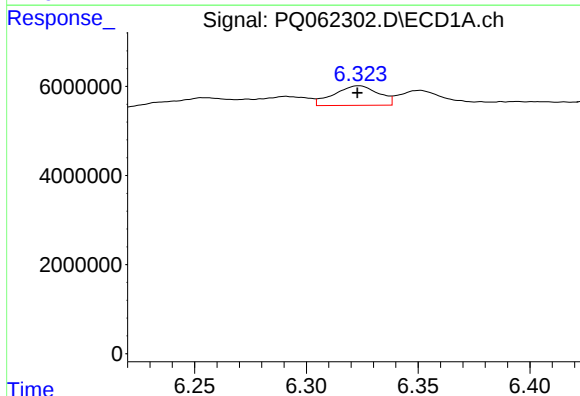
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 4460650
Conc: 18.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



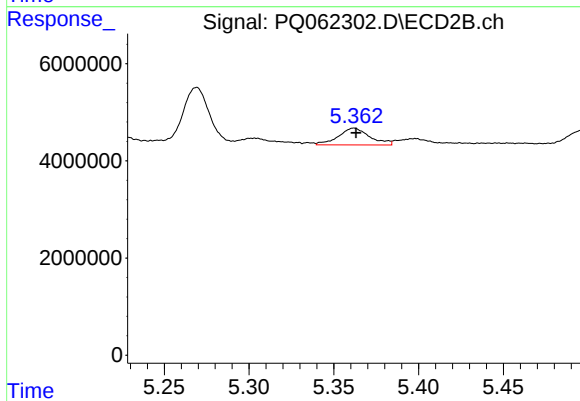
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 10644905
Conc: 63.91 ng/ml



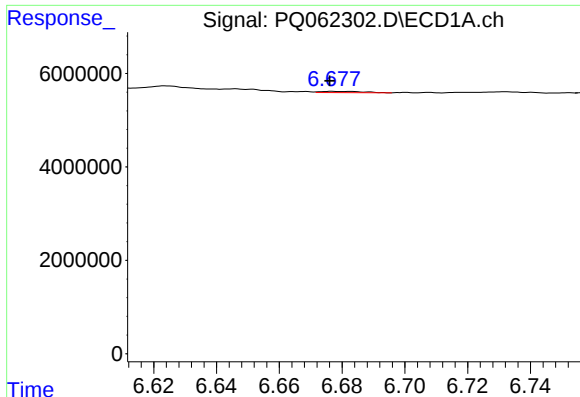
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 6075829
Conc: 21.04 ng/ml



#32 AR-1260-2

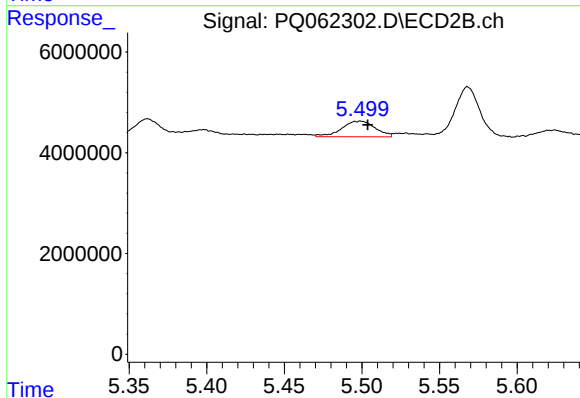
R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 4471470
Conc: 21.50 ng/ml



#33 AR-1260-3

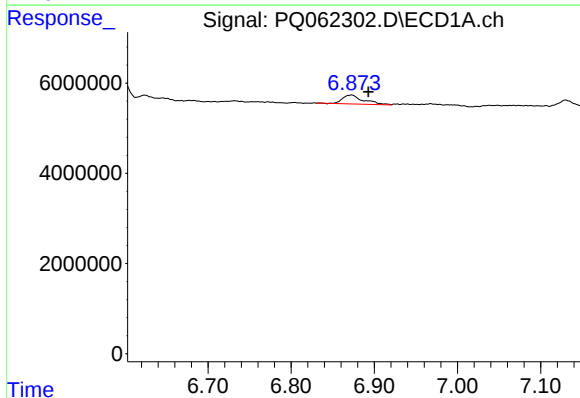
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 259192
Conc: 1.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



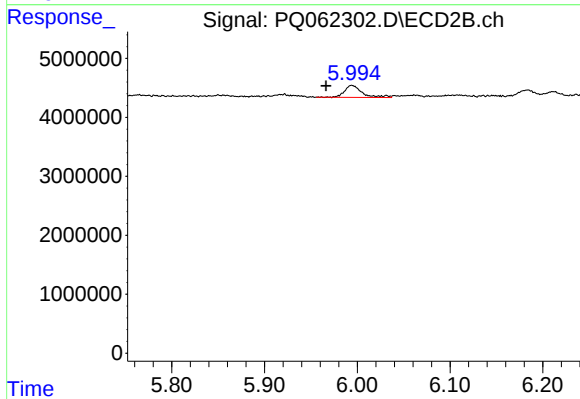
#33 AR-1260-3

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 4653115
Conc: 23.92 ng/ml



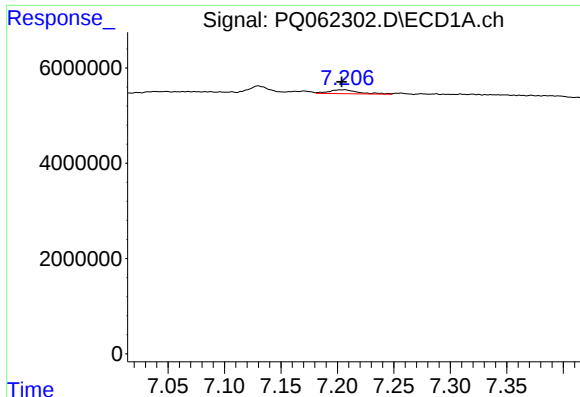
#34 AR-1260-4

R.T.: 6.873 min
Delta R.T.: -0.020 min
Response: 3479419
Conc: 16.52 ng/ml



#34 AR-1260-4

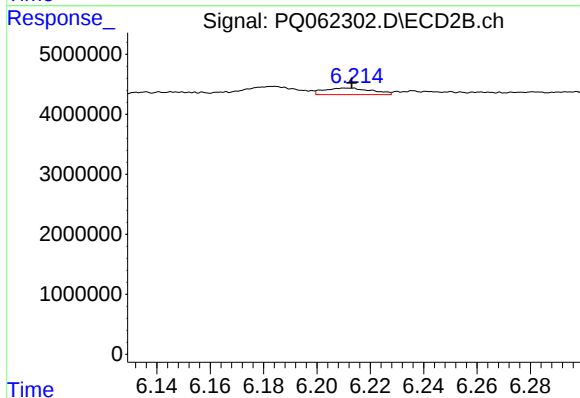
R.T.: 5.994 min
Delta R.T.: 0.027 min
Response: 2706478
Conc: 18.56 ng/ml



#35 AR-1260-5

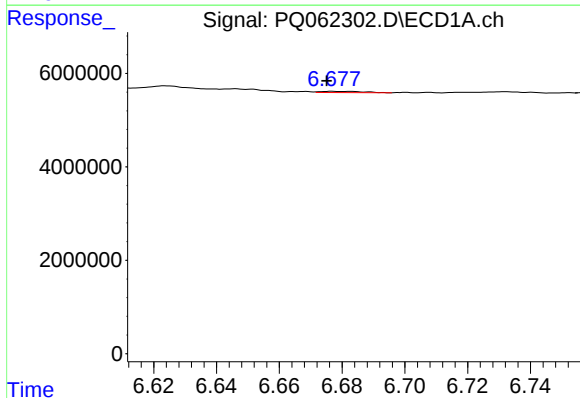
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 1439286
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



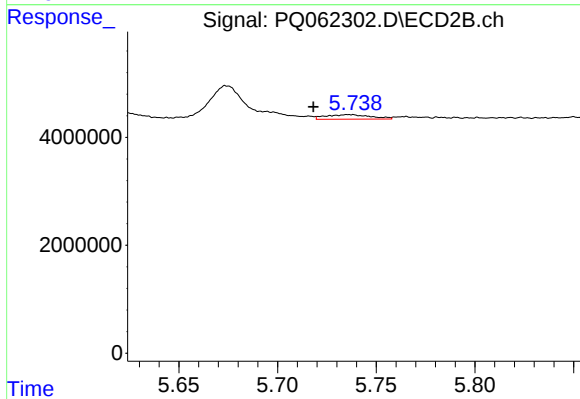
#35 AR-1260-5

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 1343700
Conc: 4.05 ng/ml



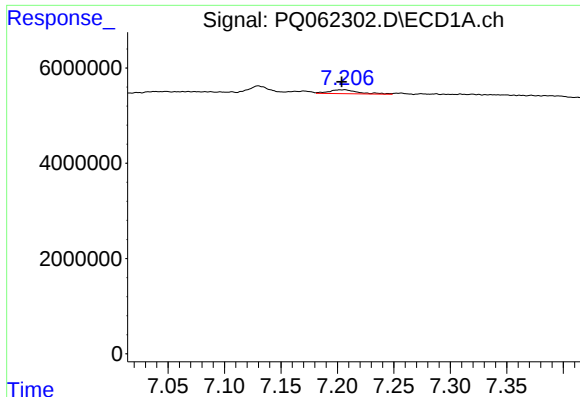
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 259192
Conc: 0.85 ng/ml



#36 AR-1262-1

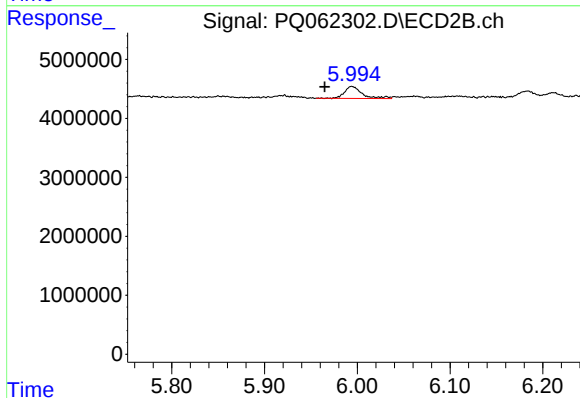
R.T.: 5.736 min
Delta R.T.: 0.018 min
Response: 1353093
Conc: 5.82 ng/ml



#37 AR-1262-2

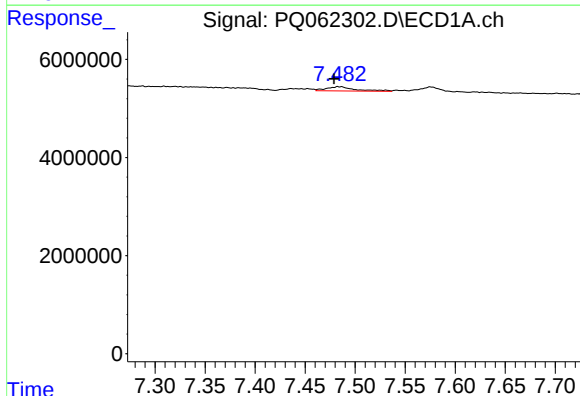
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 1439286
Conc: 2.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



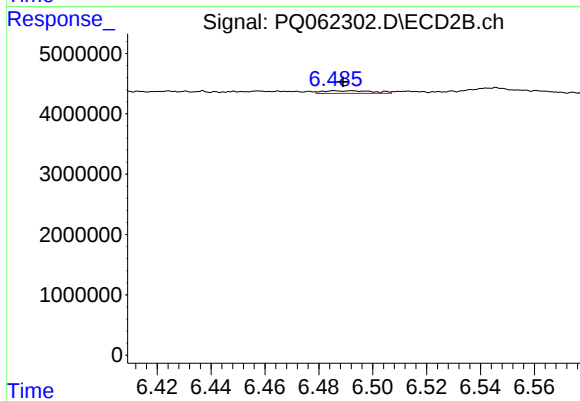
#37 AR-1262-2

R.T.: 5.994 min
Delta R.T.: 0.029 min
Response: 2706478
Conc: 12.52 ng/ml



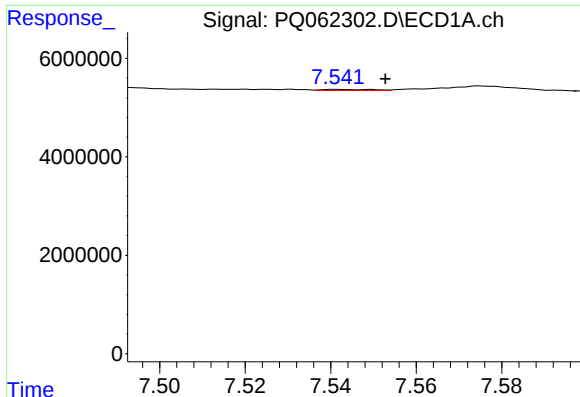
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 1732351
Conc: 4.92 ng/ml



#38 AR-1262-3

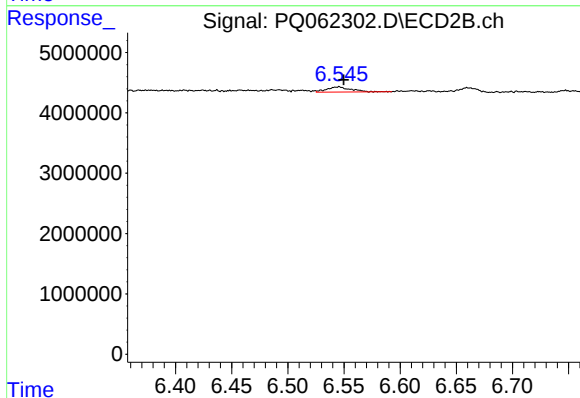
R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 572234
Conc: 3.28 ng/ml



#39 AR-1262-4

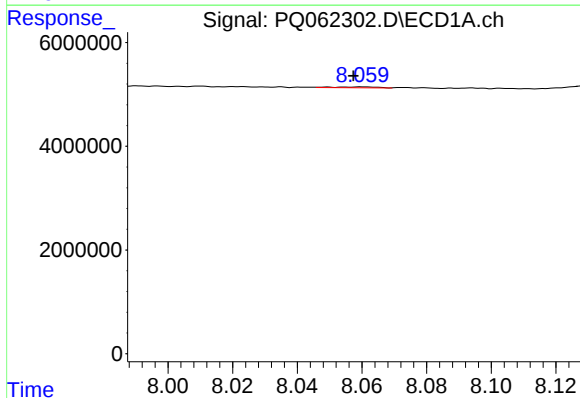
R.T.: 7.541 min
Delta R.T.: -0.011 min
Response: 187898
Conc: 0.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



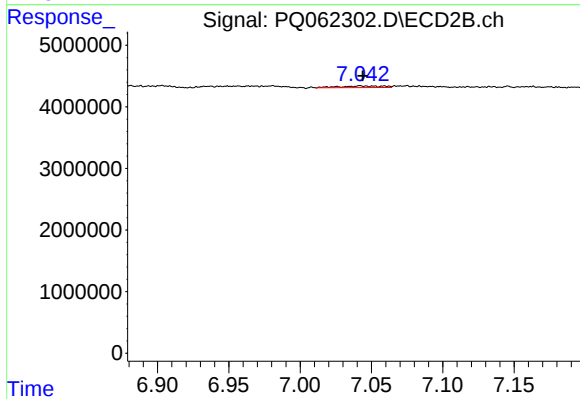
#39 AR-1262-4

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 1308358
Conc: 4.06 ng/ml



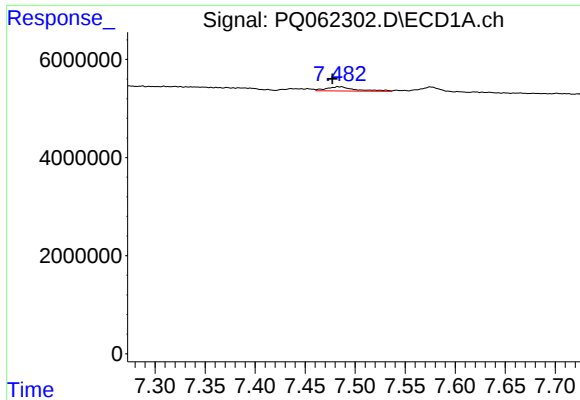
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.003 min
Response: 163914
Conc: 0.92 ng/ml



#40 AR-1262-5

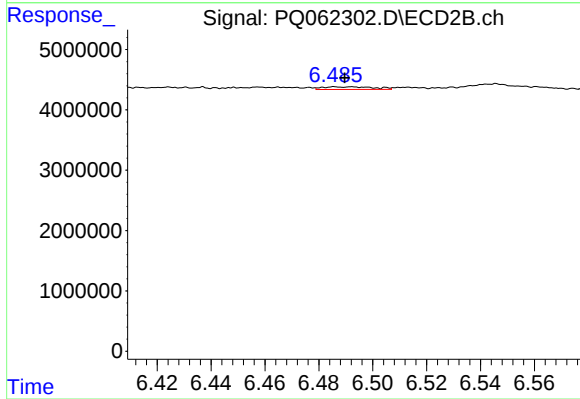
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 553833
Conc: 3.57 ng/ml



#41 AR-1268-1

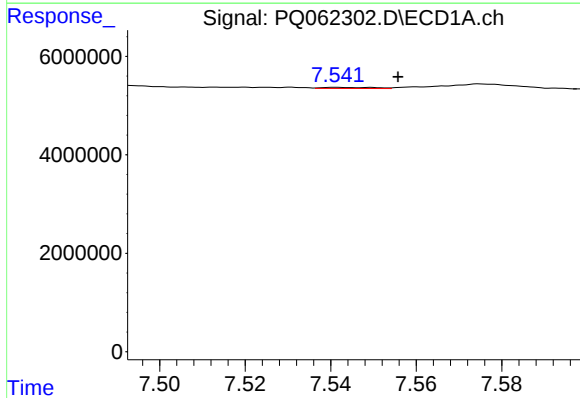
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 1732351
Conc: 3.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



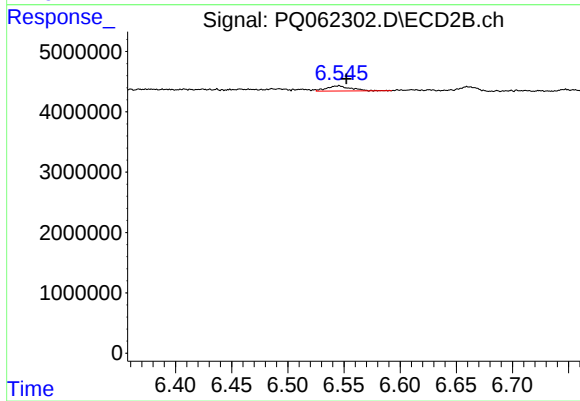
#41 AR-1268-1

R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 572234
Conc: 1.22 ng/ml



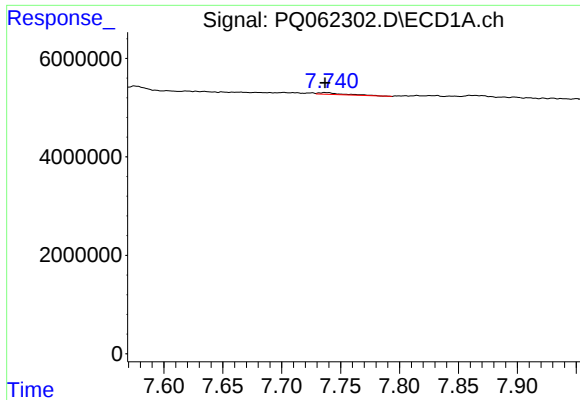
#42 AR-1268-2

R.T.: 7.541 min
Delta R.T.: -0.014 min
Response: 187898
Conc: 0.37 ng/ml



#42 AR-1268-2

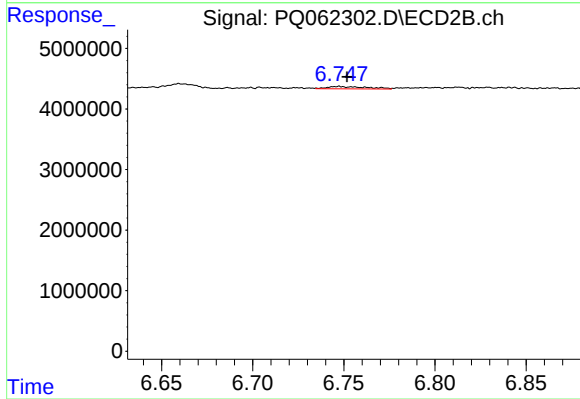
R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 1308358
Conc: 3.09 ng/ml



#43 AR-1268-3

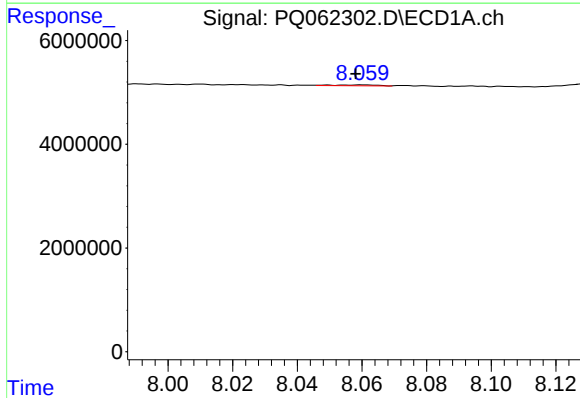
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 569813
Conc: 1.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



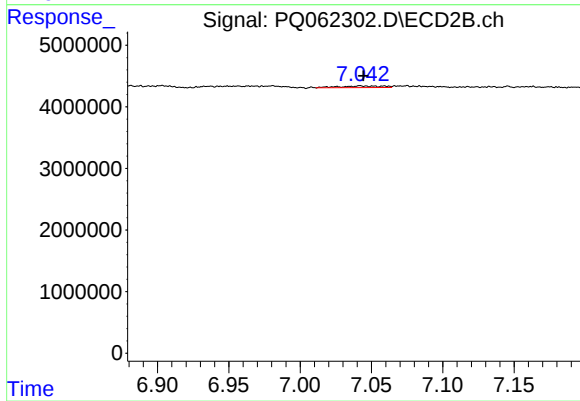
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 617340
Conc: 1.68 ng/ml



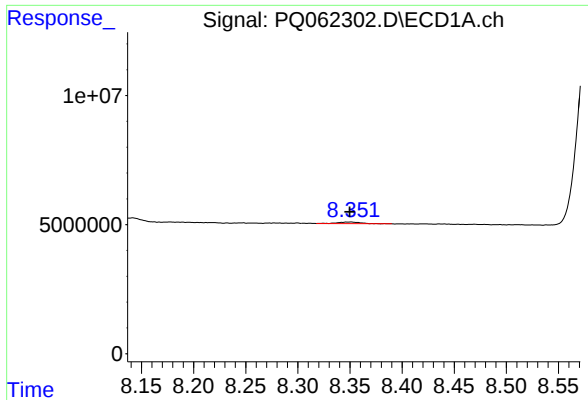
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: 0.002 min
Response: 163914
Conc: 0.90 ng/ml



#44 AR-1268-4

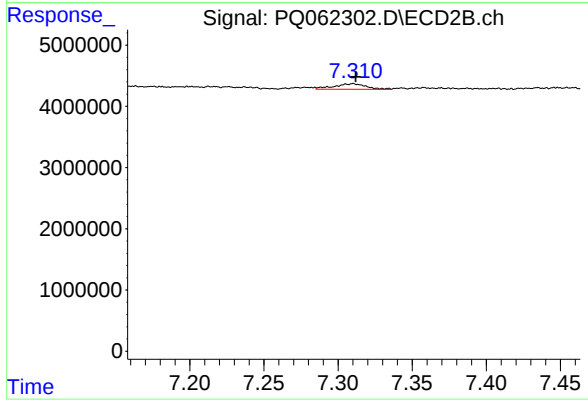
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 553833
Conc: 3.46 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.001 min
Response: 866127
Conc: 0.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 1332821
Conc: 1.14 ng/ml