

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033123\
 Data File : PQ060746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 20:32
 Operator : YP\AJ
 Sample : 02152-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 05:07:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 21 19:46:54 2023
 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...	3.405	2.763	164.6E6	84427499	18.664	20.607
2)	SA Decachlor...	8.583	7.542	176.2E6	151.0E6	31.889	35.410
Target Compounds							
3)	L1 AR-1016-1	4.506	3.776	10773608	4393587	38.217	32.745
4)	L1 AR-1016-2	4.506	3.776	10773608	4393587	25.809	22.618
5)	L1 AR-1016-3	4.588	3.945	1169952	186991	4.453	1.813 #
6)	L1 AR-1016-4	4.667	3.993	3101894	5619788	14.497	63.730 #
8)	L2 AR-1221-1	3.589	2.958	39021165	377484	356.511	7.388 #
9)	L2 AR-1221-2	3.682	3.053	2868031	64971	37.418	1.800 #
10)	L2 AR-1221-3	3.768	3.111	286246	369449	1.191	3.177 #
11)	L3 AR-1232-1	3.768	3.111	286246	369449	1.459	3.946 #
12)	L3 AR-1232-2	4.256	3.776	10058634	4393587	96.137	50.783 #
13)	L3 AR-1232-3	4.506	3.945	10773608	186991	55.563	4.201 #
14)	L3 AR-1232-4	4.667	4.025	3101894	700815	32.138	17.882 #
15)	L3 AR-1232-5	4.764	4.185	287016	15308557	4.081	333.688 #
16)	L4 AR-1242-1	4.506	3.776	10773608	4393587	42.916	37.694
17)	L4 AR-1242-2	4.506	3.776	10773608	4393587	29.145	25.726
18)	L4 AR-1242-3	4.588	3.945	1169952	186991	5.007	2.073 #
19)	L4 AR-1242-4	4.667	4.025	3101894	700815	16.132	8.072 #
20)	L4 AR-1242-5	5.416	4.508	28652768	26633669	147.122	235.486 #
21)	L5 AR-1248-1	4.506	3.776	10773608	4393587	55.561	48.334
22)	L5 AR-1248-2	4.764	3.993	287016	5619788	1.100	41.388 #
24)	L5 AR-1248-4	5.341	4.185	234.9E6	15308557	671.365	95.155 #
25)	L5 AR-1248-5	5.416	4.579	28652768	15556415	84.989	100.051
26)	L6 AR-1254-1	5.341	4.508	234.9E6	26633669	697.419	113.116 #
27)	L6 AR-1254-2	5.534	4.668	31159948	2914696	61.969	14.316 #
28)	L6 AR-1254-3	5.899	5.050	22542253	-67400	42.039	N.D. #
29)	L6 AR-1254-4	6.179	5.271	1478014	2509668	3.811	12.568 #
30)	L6 AR-1254-5	6.619	5.691	32985845	14178251	77.754	48.961 #
31)	L7 AR-1260-1	6.072	5.187	901576	49788510	2.246	225.255 #
32)	L7 AR-1260-2	6.337	5.382	10094405	28155504	21.224	107.897 #
33)	L7 AR-1260-3	6.672	5.523	4501106	25514627	12.943	94.491 #
34)	L7 AR-1260-4	6.890	5.984	1100554	1776966	2.848	8.301 #
35)	L7 AR-1260-5	7.237	6.224	9968086	1799420	13.365	3.768 #
36)	L8 AR-1262-1	6.672	5.721	4501106	986695	8.985	3.233 #
37)	L8 AR-1262-2	7.237	6.224	9968086	1799420	11.967	3.286 #
38)	L8 AR-1262-3	7.442f	6.501	1979556	900034	3.531	3.975
39)	L8 AR-1262-4	0.000	6.528f	0	5073826	N.D.	12.101 #
40)	L8 AR-1262-5	8.110f	7.081	579122	5502042	2.049	26.881 #
41)	L9 AR-1268-1	7.442f	6.501	1979556	900034	2.627	1.715 #
42)	L9 AR-1268-2	0.000	6.528f	0	5073826	N.D.	10.533 #
43)	L9 AR-1268-3	0.000	6.774	0	2141465	N.D.	5.120 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033123\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 20:32
Operator : YP\AJ
Sample : 02152-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 05:07:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032123CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Mar 21 19:46:54 2023
Response via : Initial Calibration
Integrator: ChemStation

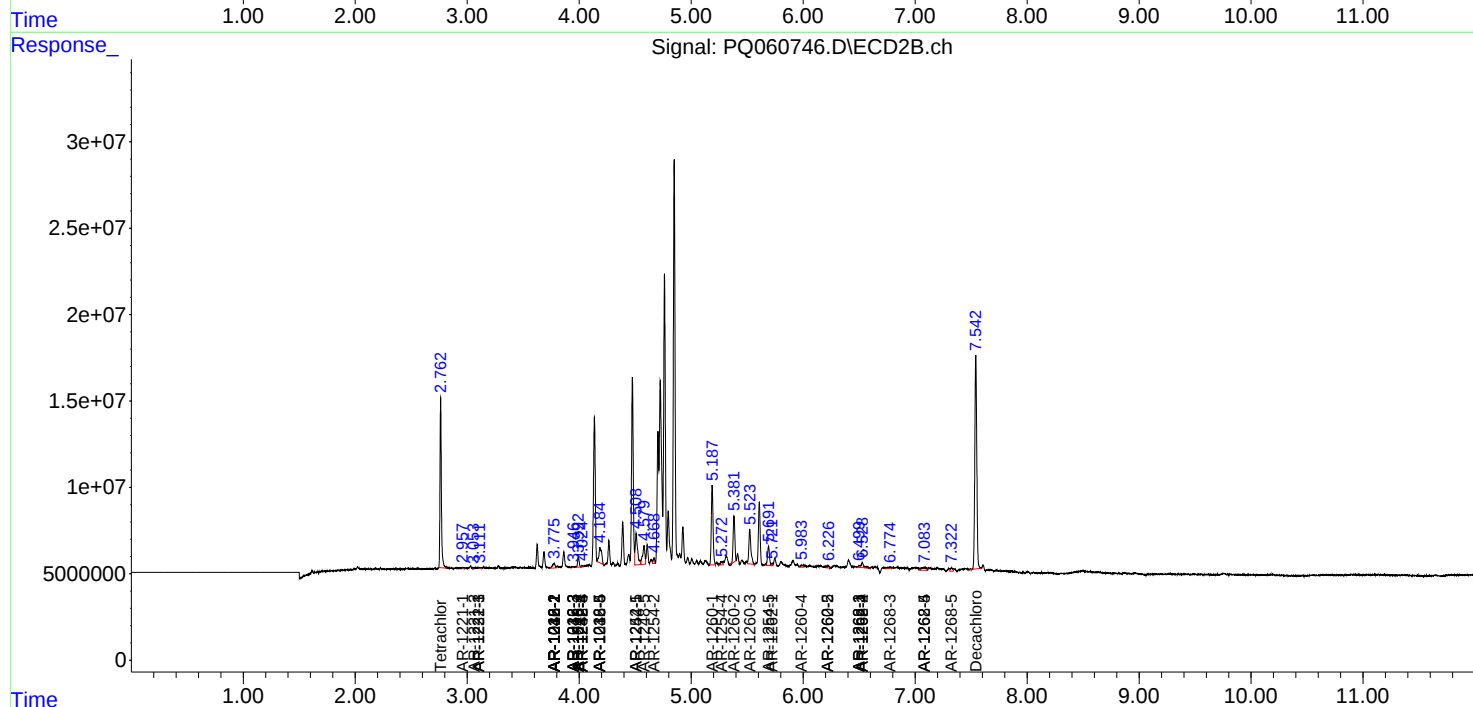
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

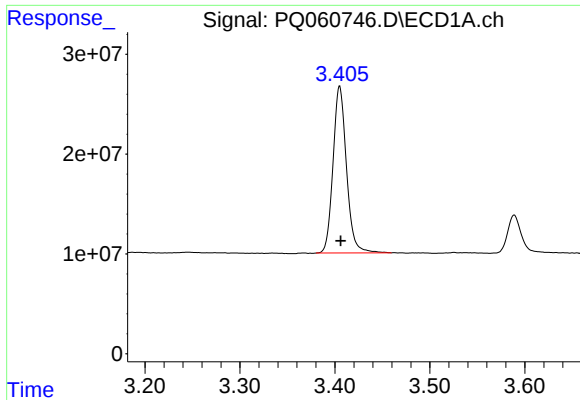
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44)	L9 AR-1268-4	8.110f	7.081	579122	5502042	2.319	30.143 #
45)	L9 AR-1268-5	8.350	7.323	2165478	2900447	1.326	2.169 #

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

Instrument :
ECD_Q
ClientSampleId :

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

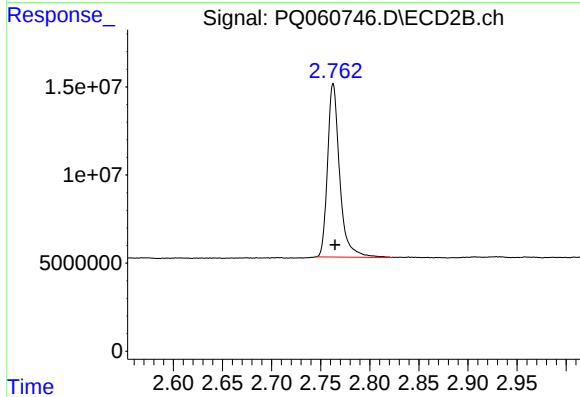




#1 Tetrachloro-m-xylene

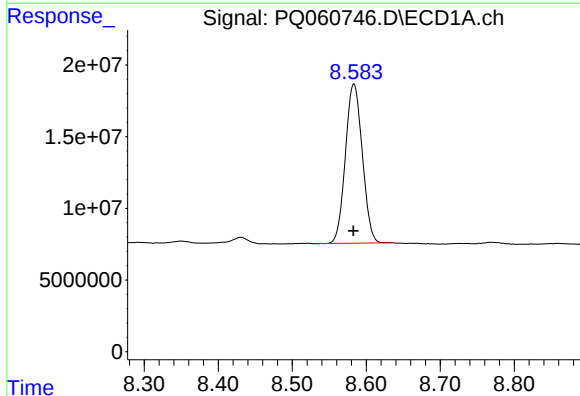
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 164649434
Conc: 18.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



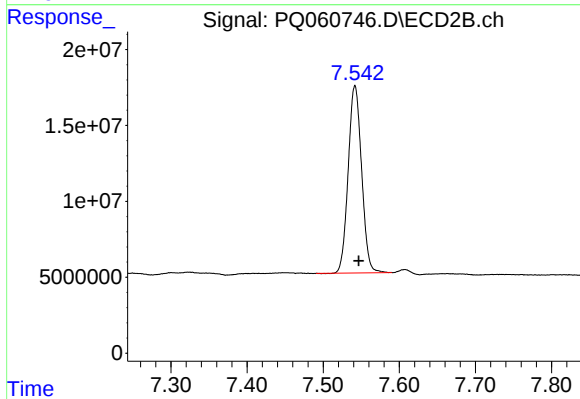
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: -0.002 min
Response: 84427499
Conc: 20.61 ng/ml



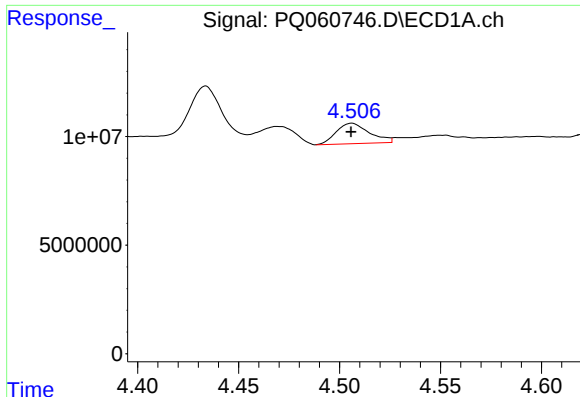
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 176211320
Conc: 31.89 ng/ml



#2 Decachlorobiphenyl

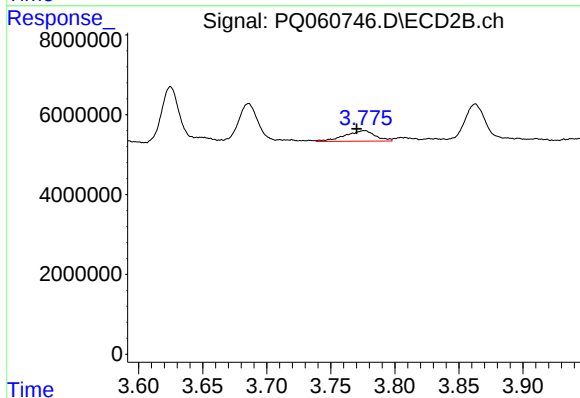
R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 150976417
Conc: 35.41 ng/ml



#3 AR-1016-1

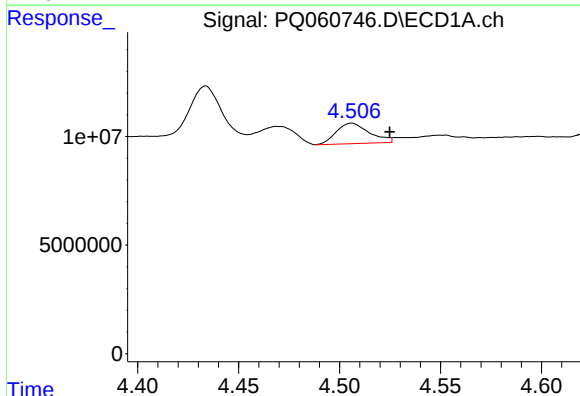
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 10773608
Conc: 38.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



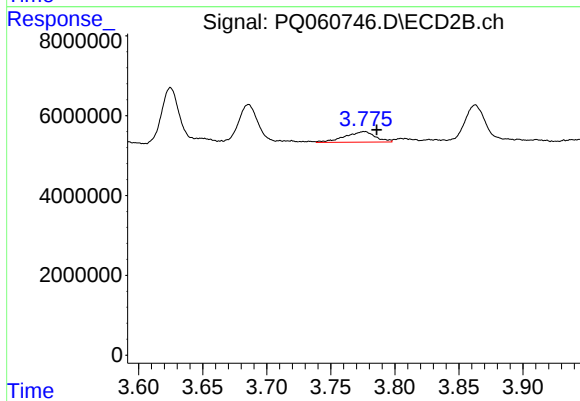
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: 0.006 min
Response: 4393587
Conc: 32.75 ng/ml



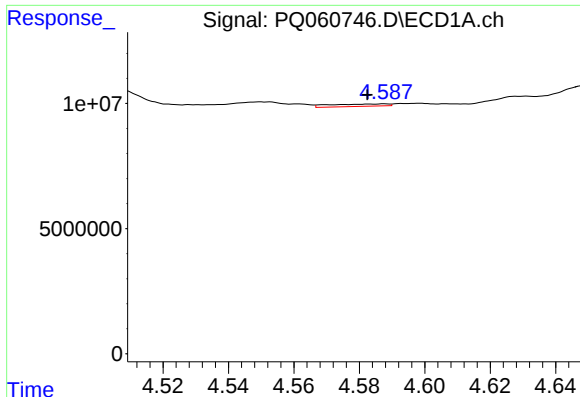
#4 AR-1016-2

R.T.: 4.506 min
Delta R.T.: -0.019 min
Response: 10773608
Conc: 25.81 ng/ml



#4 AR-1016-2

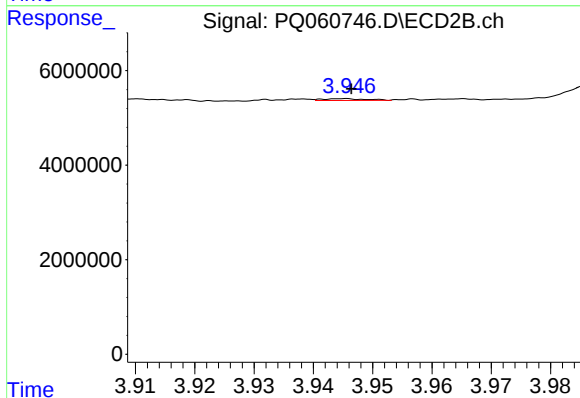
R.T.: 3.776 min
Delta R.T.: -0.010 min
Response: 4393587
Conc: 22.62 ng/ml



#5 AR-1016-3

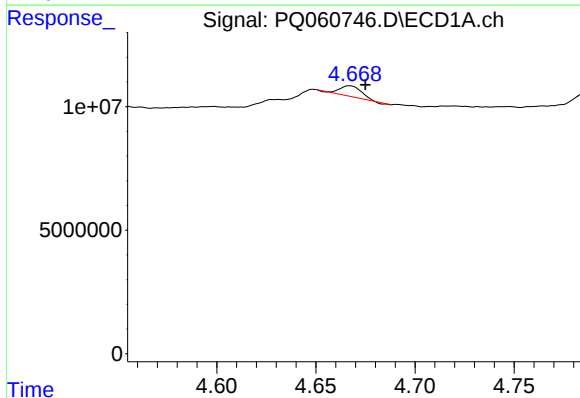
R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 1169952
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



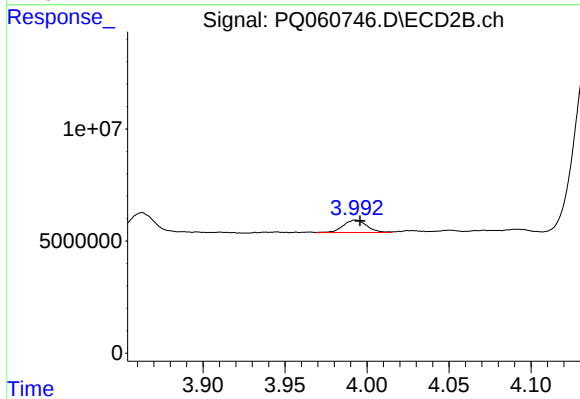
#5 AR-1016-3

R.T.: 3.945 min
Delta R.T.: -0.001 min
Response: 186991
Conc: 1.81 ng/ml



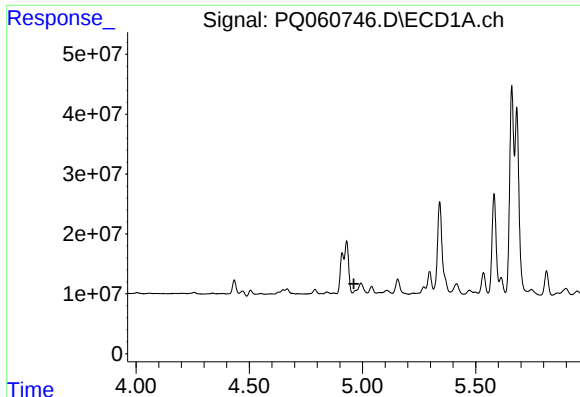
#6 AR-1016-4

R.T.: 4.667 min
Delta R.T.: -0.008 min
Response: 3101894
Conc: 14.50 ng/ml



#6 AR-1016-4

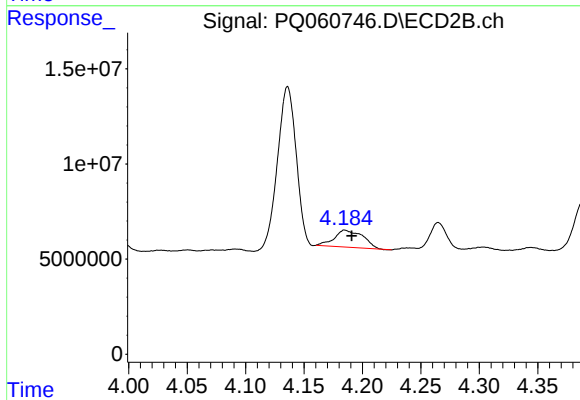
R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 5619788
Conc: 63.73 ng/ml



#7 AR-1016-5

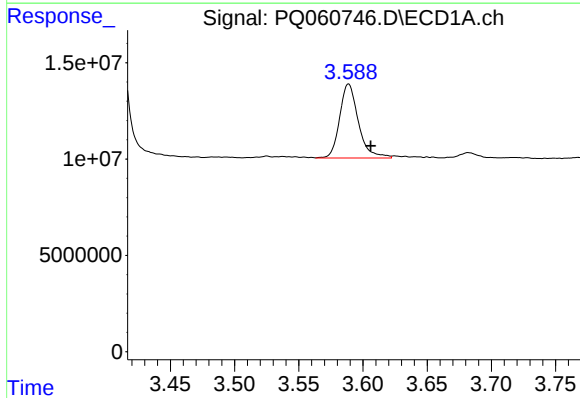
R.T.: 4.993 min
Delta R.T.: 0.031 min
Response: -57709179
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



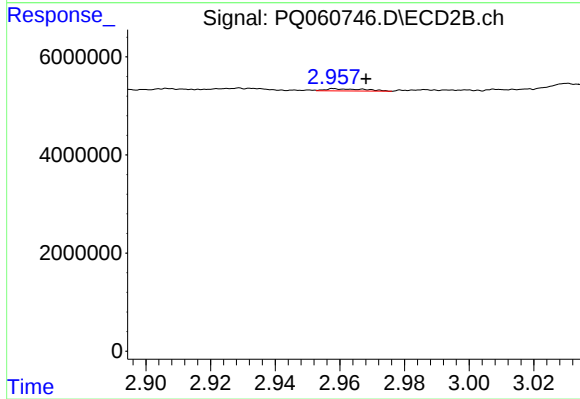
#7 AR-1016-5

R.T.: 4.185 min
Delta R.T.: -0.006 min
Response: 15308557
Conc: 139.08 ng/ml



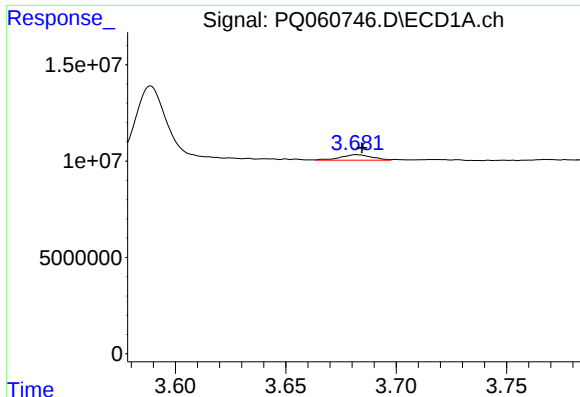
#8 AR-1221-1

R.T.: 3.589 min
Delta R.T.: -0.017 min
Response: 39021165
Conc: 356.51 ng/ml



#8 AR-1221-1

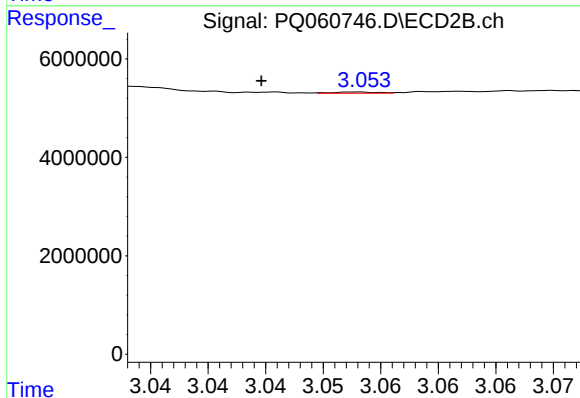
R.T.: 2.958 min
Delta R.T.: -0.010 min
Response: 377484
Conc: 7.39 ng/ml



#9 AR-1221-2

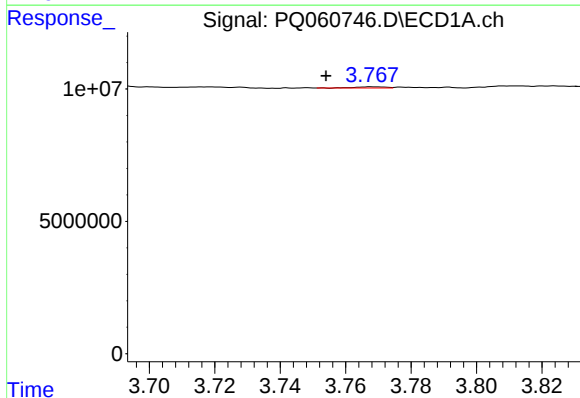
R.T.: 3.682 min
Delta R.T.: -0.003 min
Response: 2868031
Conc: 37.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



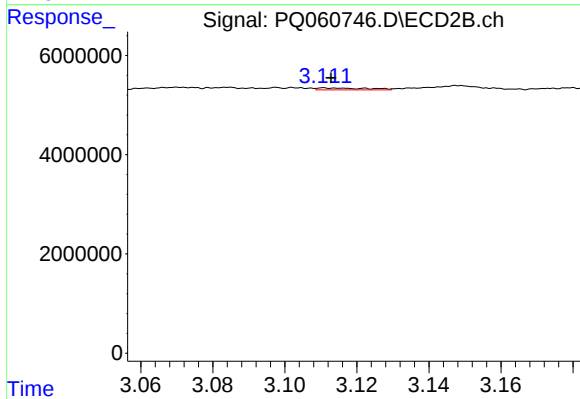
#9 AR-1221-2

R.T.: 3.053 min
Delta R.T.: 0.008 min
Response: 64971
Conc: 1.80 ng/ml



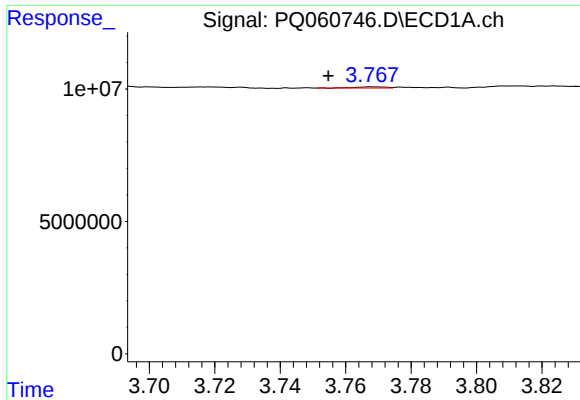
#10 AR-1221-3

R.T.: 3.768 min
Delta R.T.: 0.014 min
Response: 286246
Conc: 1.19 ng/ml



#10 AR-1221-3

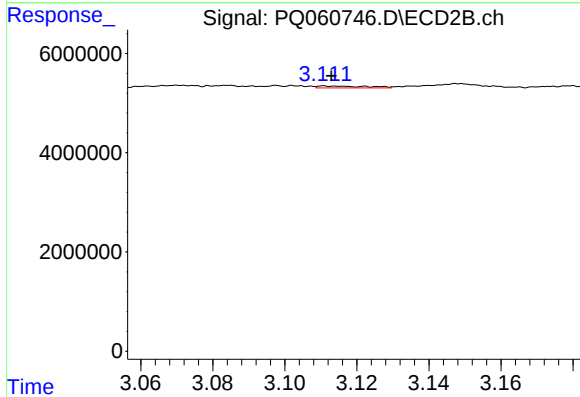
R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 369449
Conc: 3.18 ng/ml



#11 AR-1232-1

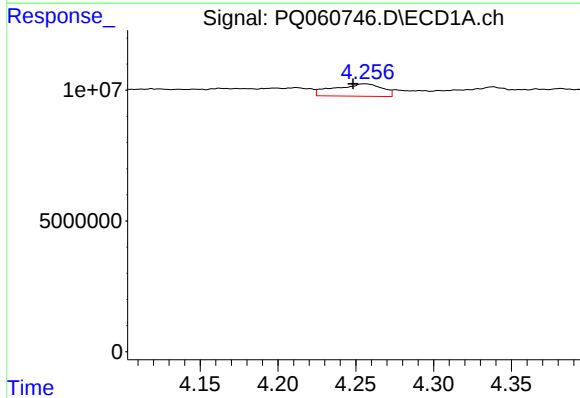
R.T.: 3.768 min
Delta R.T.: 0.013 min
Response: 286246
Conc: 1.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



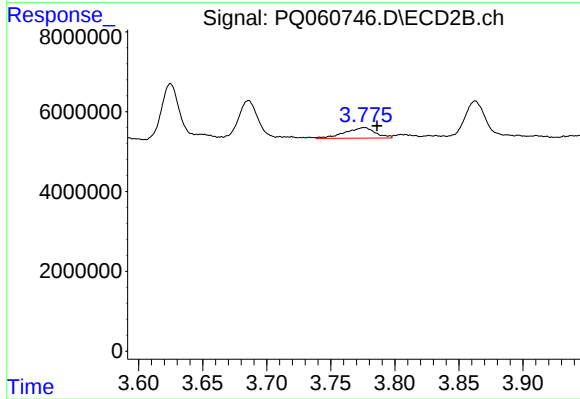
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 369449
Conc: 3.95 ng/ml



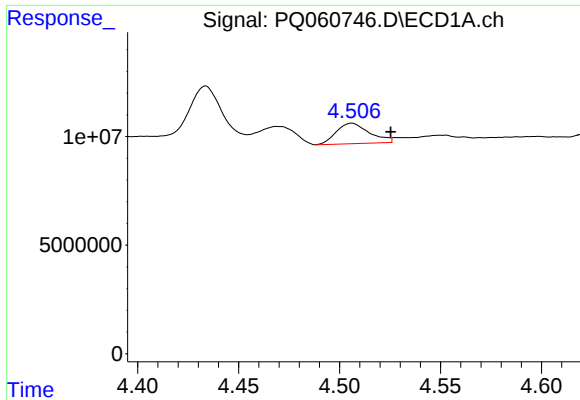
#12 AR-1232-2

R.T.: 4.256 min
Delta R.T.: 0.008 min
Response: 10058634
Conc: 96.14 ng/ml



#12 AR-1232-2

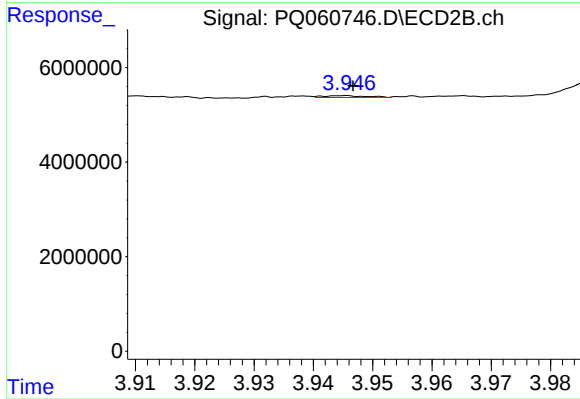
R.T.: 3.776 min
Delta R.T.: -0.010 min
Response: 4393587
Conc: 50.78 ng/ml



#13 AR-1232-3

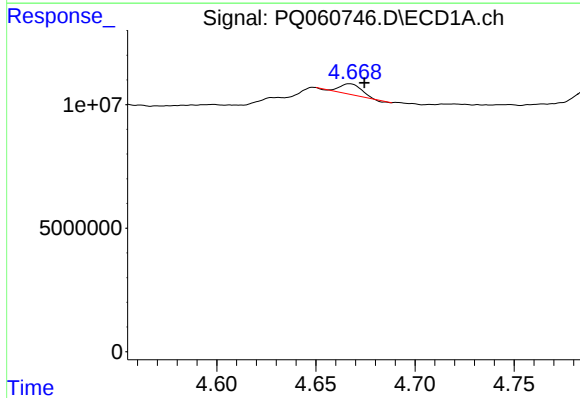
R.T.: 4.506 min
Delta R.T.: -0.019 min
Response: 10773608
Conc: 55.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



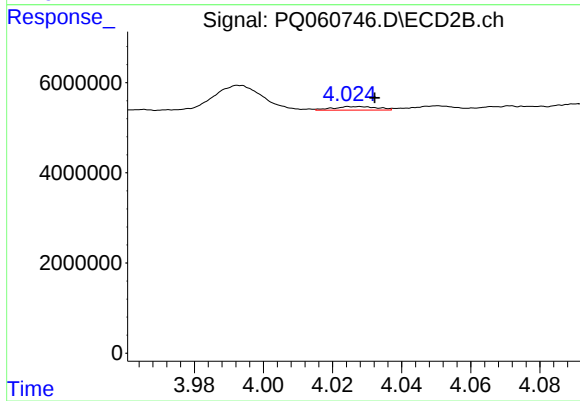
#13 AR-1232-3

R.T.: 3.945 min
Delta R.T.: -0.001 min
Response: 186991
Conc: 4.20 ng/ml



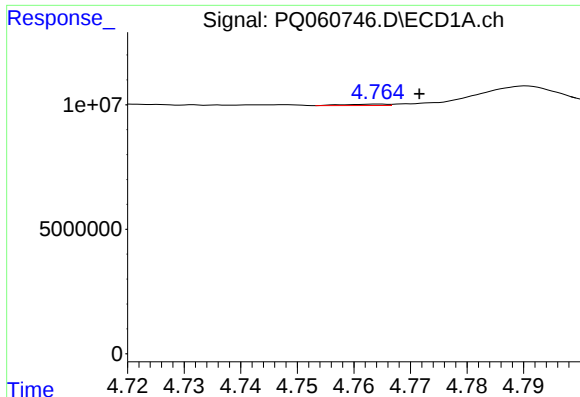
#14 AR-1232-4

R.T.: 4.667 min
Delta R.T.: -0.008 min
Response: 3101894
Conc: 32.14 ng/ml



#14 AR-1232-4

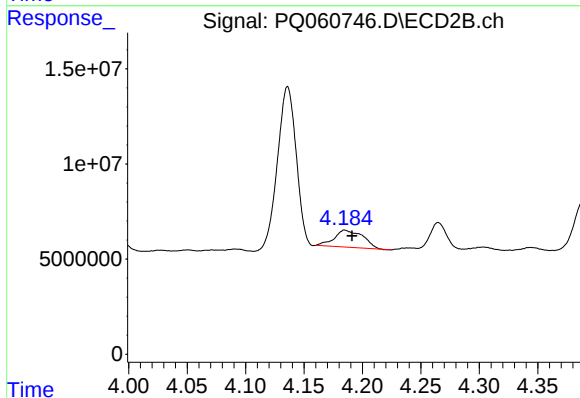
R.T.: 4.025 min
Delta R.T.: -0.007 min
Response: 700815
Conc: 17.88 ng/ml



#15 AR-1232-5

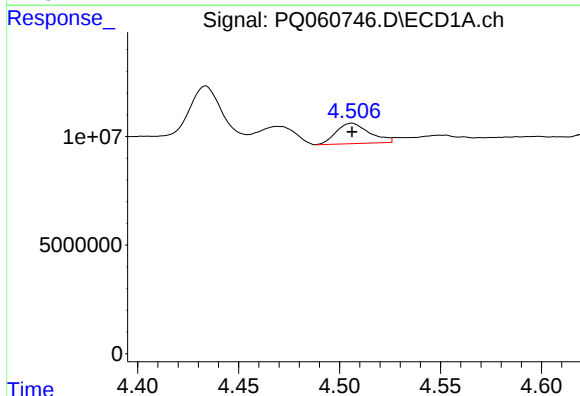
R.T.: 4.764 min
Delta R.T.: -0.007 min
Response: 287016
Conc: 4.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



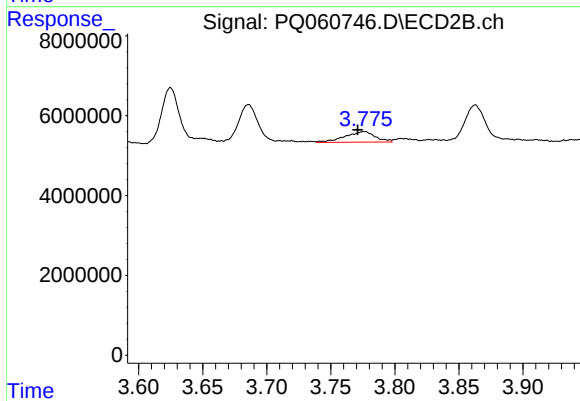
#15 AR-1232-5

R.T.: 4.185 min
Delta R.T.: -0.006 min
Response: 15308557
Conc: 333.69 ng/ml



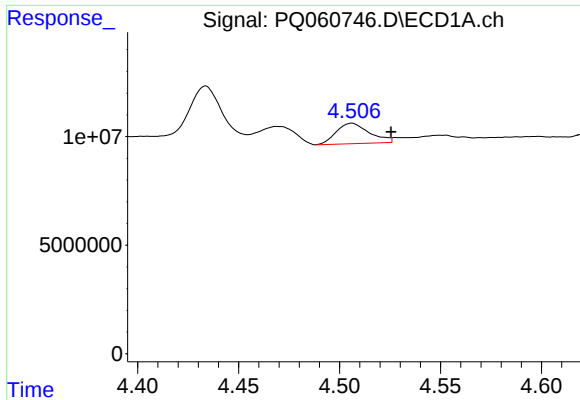
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 10773608
Conc: 42.92 ng/ml



#16 AR-1242-1

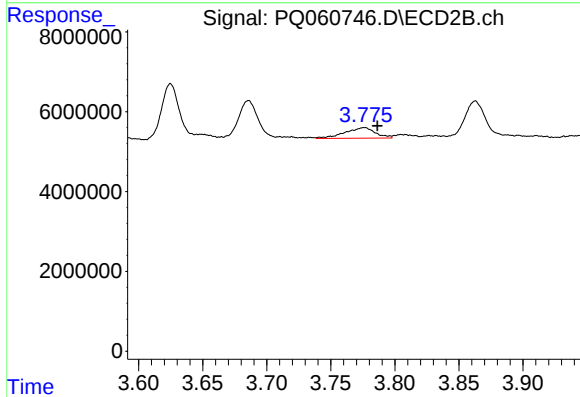
R.T.: 3.776 min
Delta R.T.: 0.005 min
Response: 4393587
Conc: 37.69 ng/ml



#17 AR-1242-2

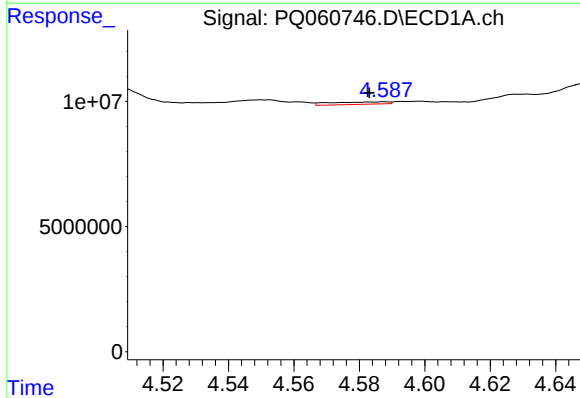
R.T.: 4.506 min
Delta R.T.: -0.019 min
Response: 10773608
Conc: 29.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



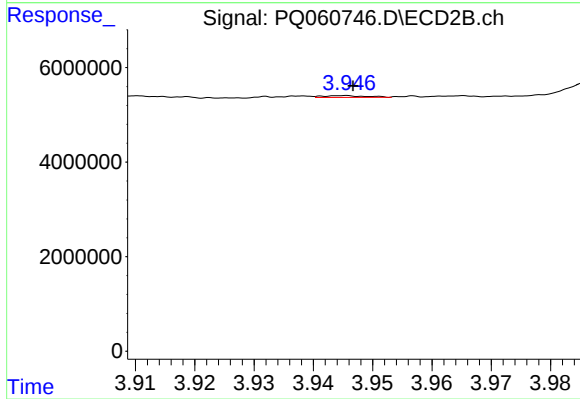
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: -0.010 min
Response: 4393587
Conc: 25.73 ng/ml



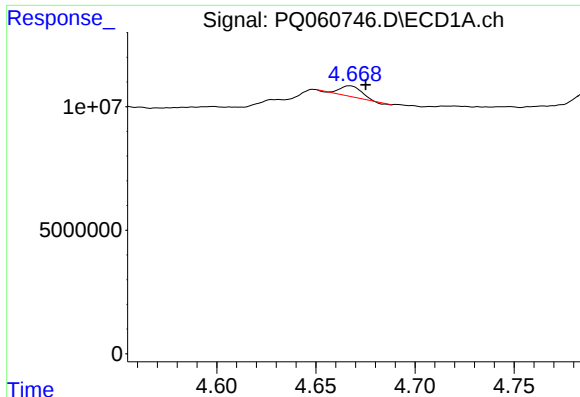
#18 AR-1242-3

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 1169952
Conc: 5.01 ng/ml



#18 AR-1242-3

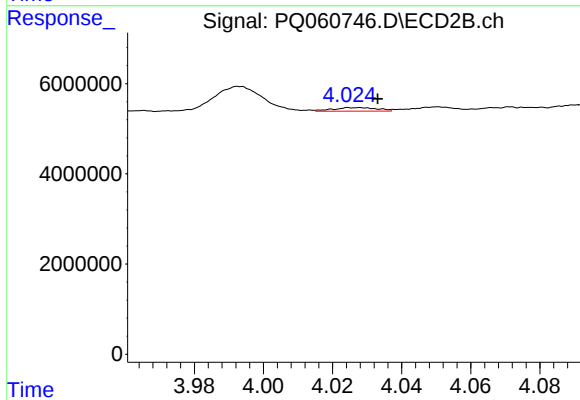
R.T.: 3.945 min
Delta R.T.: -0.001 min
Response: 186991
Conc: 2.07 ng/ml



#19 AR-1242-4

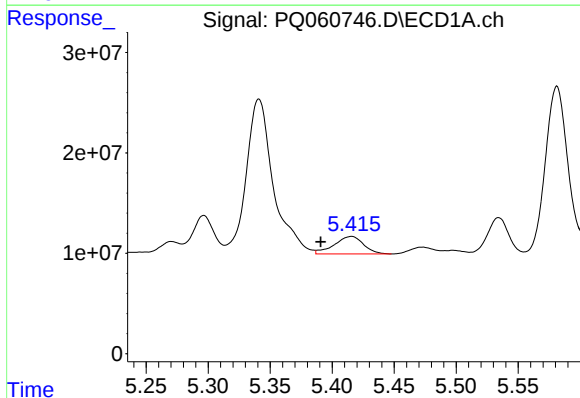
R.T.: 4.667 min
Delta R.T.: -0.008 min
Response: 3101894
Conc: 16.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



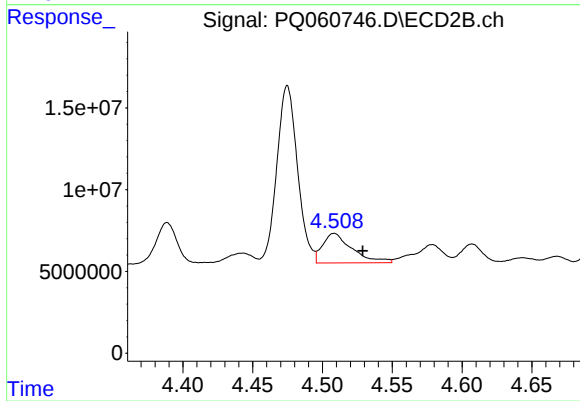
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: -0.008 min
Response: 700815
Conc: 8.07 ng/ml



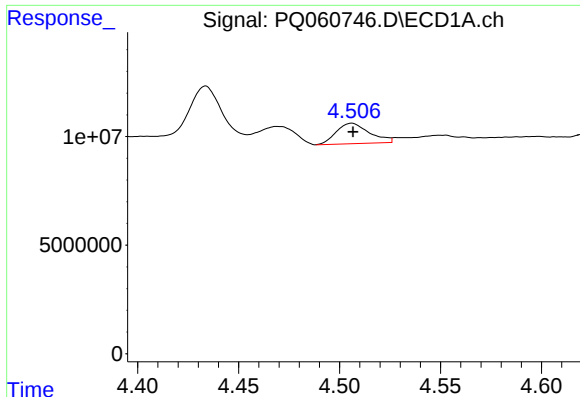
#20 AR-1242-5

R.T.: 5.416 min
Delta R.T.: 0.025 min
Response: 28652768
Conc: 147.12 ng/ml



#20 AR-1242-5

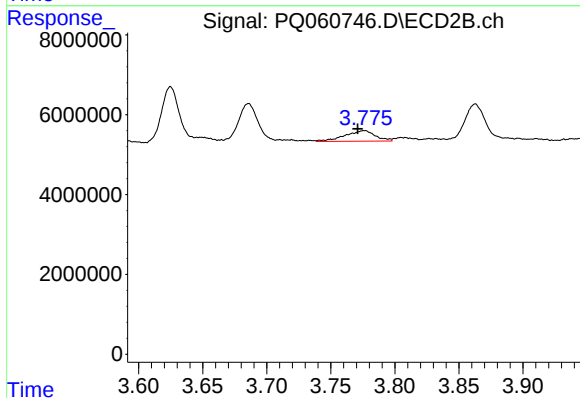
R.T.: 4.508 min
Delta R.T.: -0.020 min
Response: 26633669
Conc: 235.49 ng/ml



#21 AR-1248-1

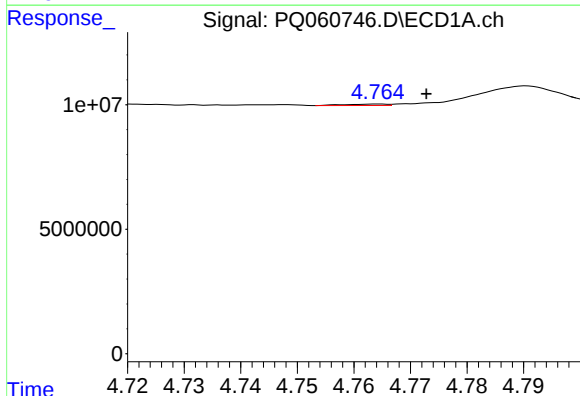
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 10773608
Conc: 55.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



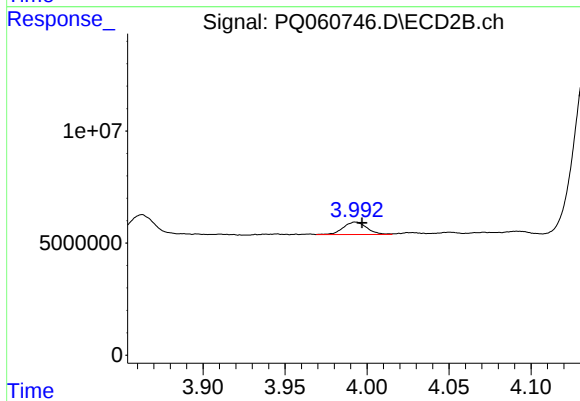
#21 AR-1248-1

R.T.: 3.776 min
Delta R.T.: 0.005 min
Response: 4393587
Conc: 48.33 ng/ml



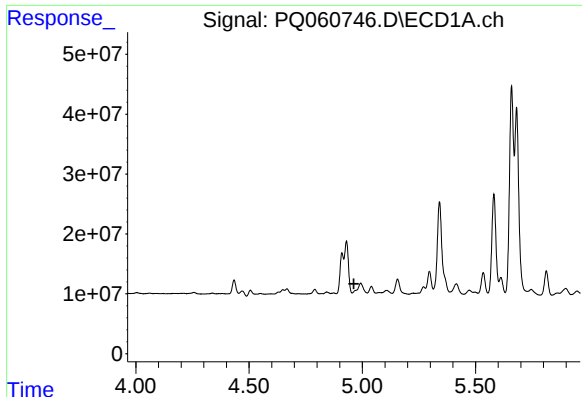
#22 AR-1248-2

R.T.: 4.764 min
Delta R.T.: -0.008 min
Response: 287016
Conc: 1.10 ng/ml



#22 AR-1248-2

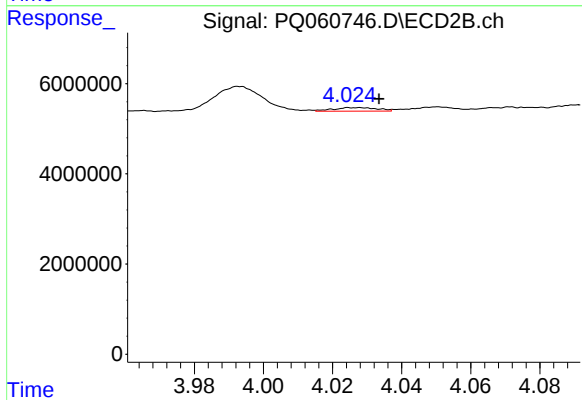
R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 5619788
Conc: 41.39 ng/ml



#23 AR-1248-3

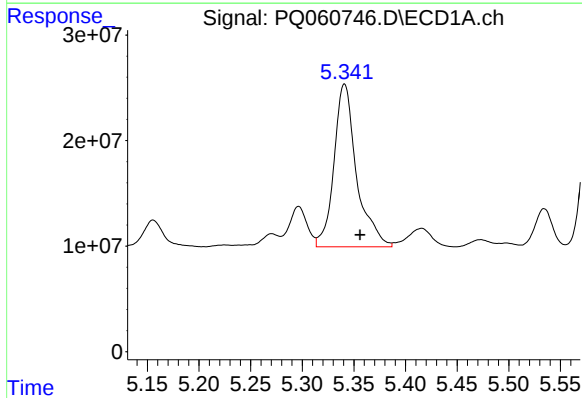
R.T.: 4.993 min
Delta R.T.: 0.030 min
Response: -57709179
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



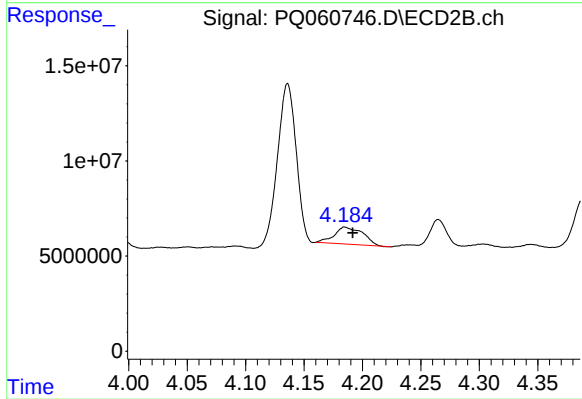
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: -0.009 min
Response: 700815
Conc: 5.33 ng/ml



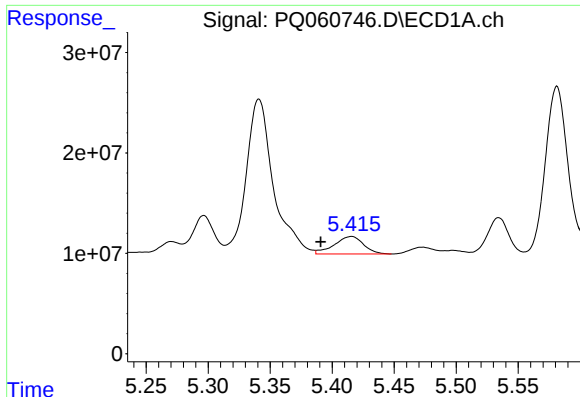
#24 AR-1248-4

R.T.: 5.341 min
Delta R.T.: -0.015 min
Response: 234855778
Conc: 671.36 ng/ml



#24 AR-1248-4

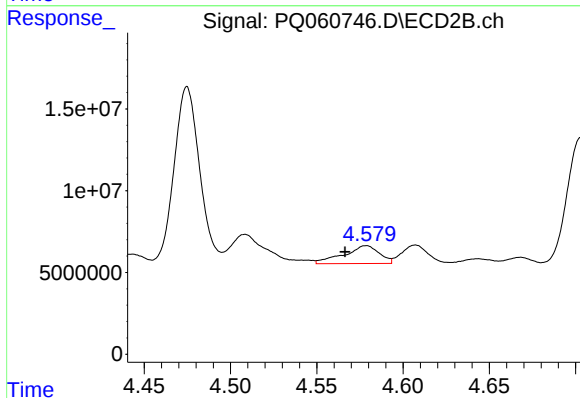
R.T.: 4.185 min
Delta R.T.: -0.007 min
Response: 15308557
Conc: 95.16 ng/ml



#25 AR-1248-5

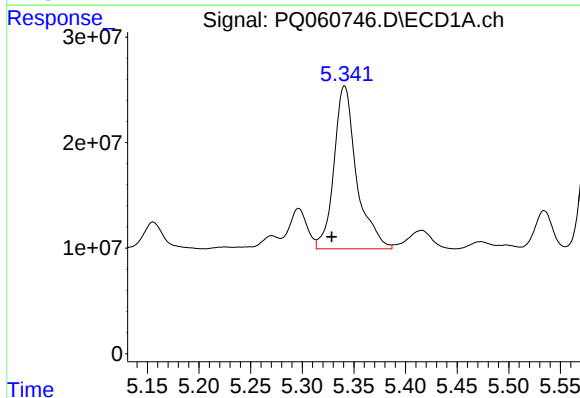
R.T.: 5.416 min
Delta R.T.: 0.025 min
Response: 28652768
Conc: 84.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



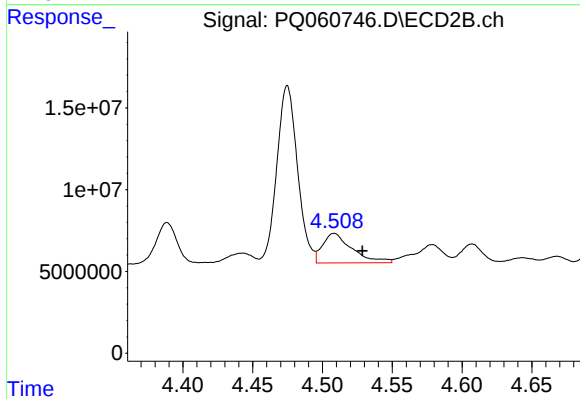
#25 AR-1248-5

R.T.: 4.579 min
Delta R.T.: 0.012 min
Response: 15556415
Conc: 100.05 ng/ml



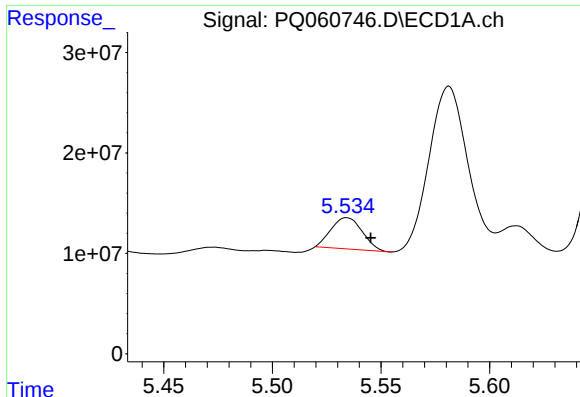
#26 AR-1254-1

R.T.: 5.341 min
Delta R.T.: 0.012 min
Response: 234855778
Conc: 697.42 ng/ml



#26 AR-1254-1

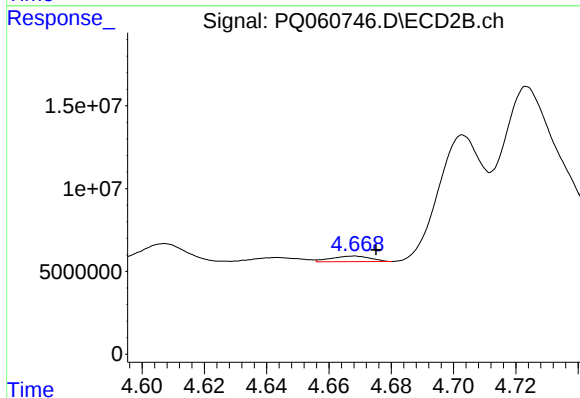
R.T.: 4.508 min
Delta R.T.: -0.020 min
Response: 26633669
Conc: 113.12 ng/ml



#27 AR-1254-2

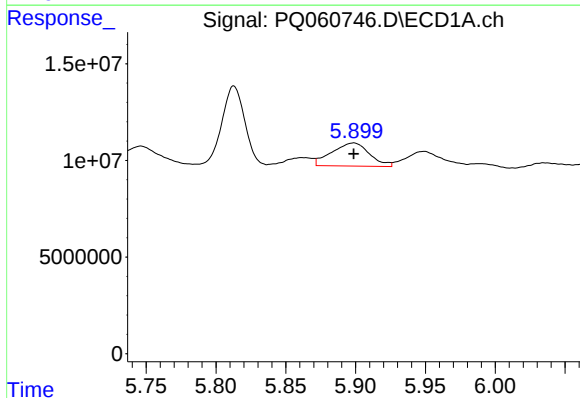
R.T.: 5.534 min
Delta R.T.: -0.011 min
Response: 31159948
Conc: 61.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



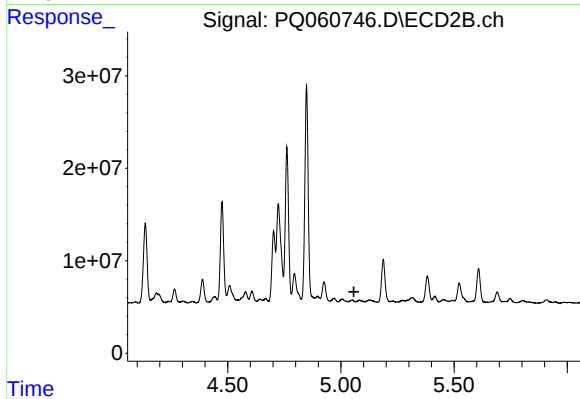
#27 AR-1254-2

R.T.: 4.668 min
Delta R.T.: -0.007 min
Response: 2914696
Conc: 14.32 ng/ml



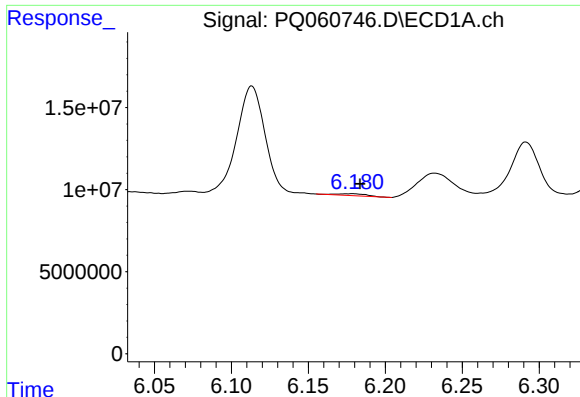
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 22542253
Conc: 42.04 ng/ml



#28 AR-1254-3

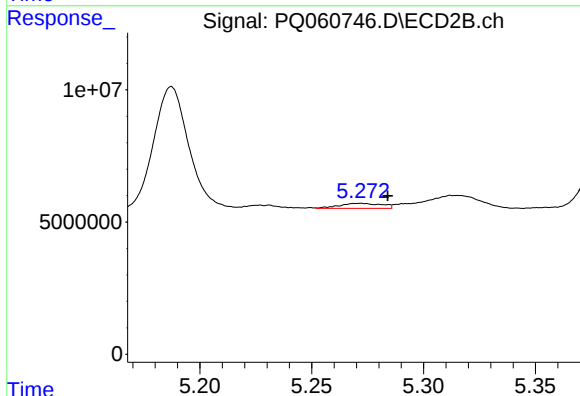
R.T.: 5.050 min
Delta R.T.: -0.008 min
Response: -67400
Conc: N.D.



#29 AR-1254-4

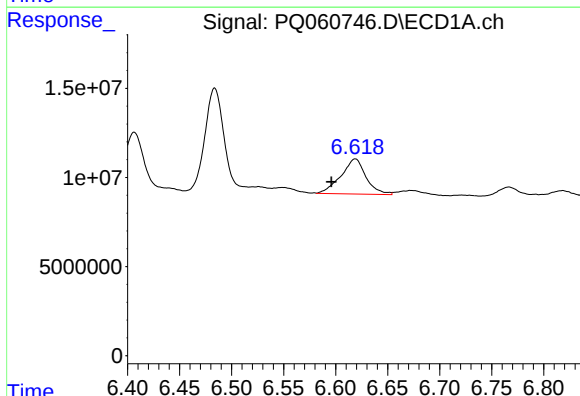
R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 1478014
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



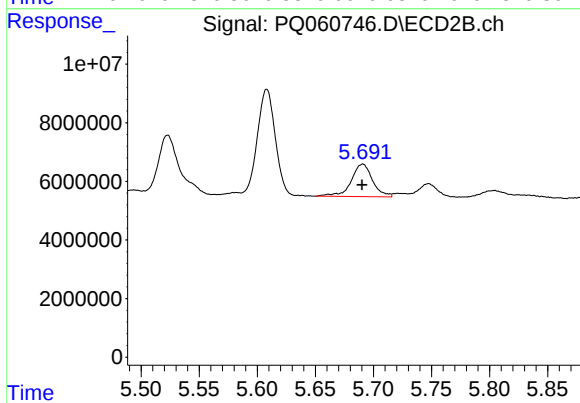
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.013 min
Response: 2509668
Conc: 12.57 ng/ml



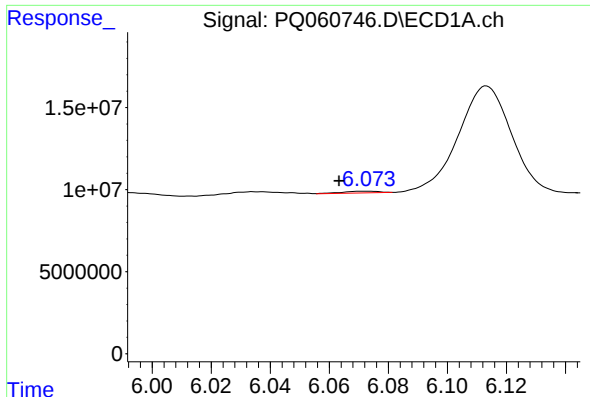
#30 AR-1254-5

R.T.: 6.619 min
Delta R.T.: 0.023 min
Response: 32985845
Conc: 77.75 ng/ml



#30 AR-1254-5

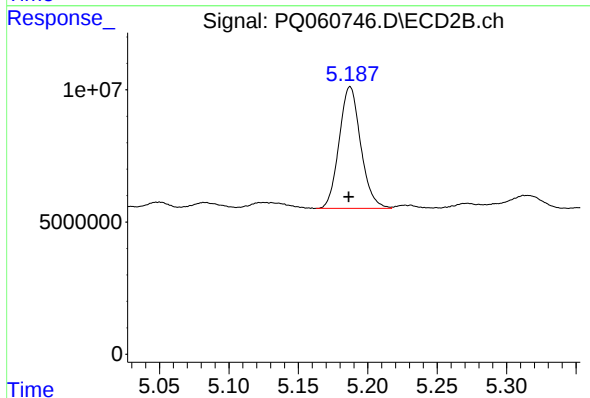
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 14178251
Conc: 48.96 ng/ml



#31 AR-1260-1

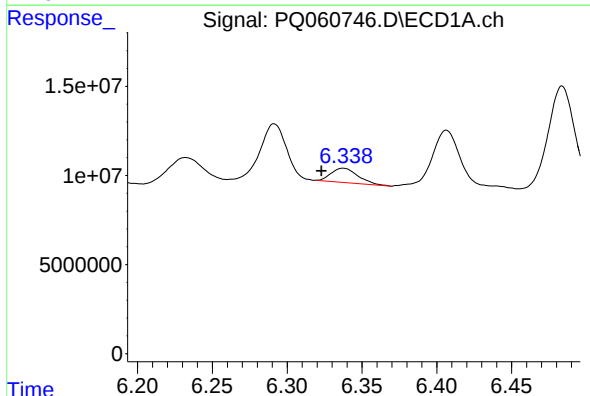
R.T.: 6.072 min
Delta R.T.: 0.009 min
Response: 901576
Conc: 2.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



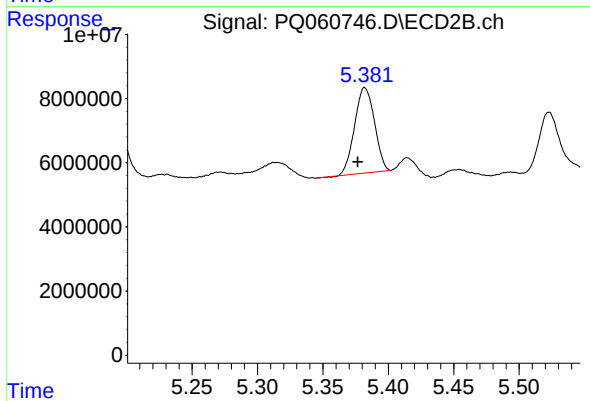
#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 49788510
Conc: 225.26 ng/ml



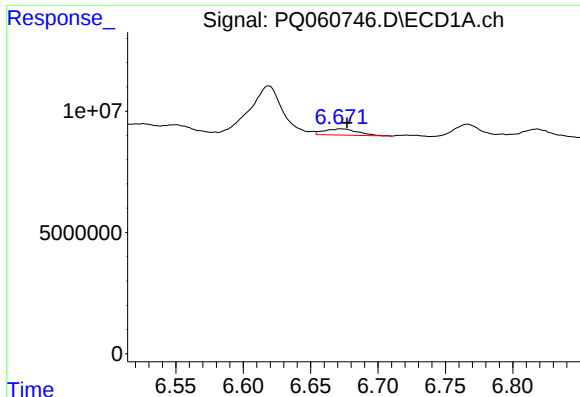
#32 AR-1260-2

R.T.: 6.337 min
Delta R.T.: 0.014 min
Response: 10094405
Conc: 21.22 ng/ml



#32 AR-1260-2

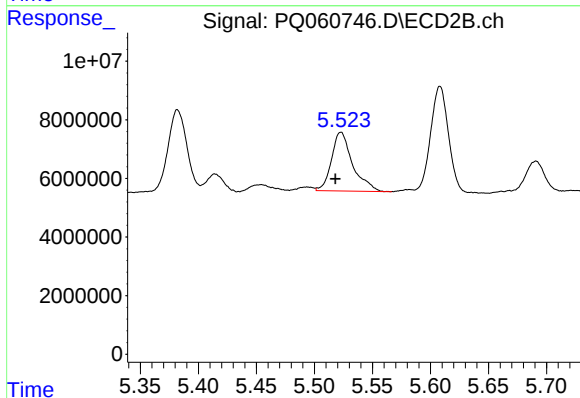
R.T.: 5.382 min
Delta R.T.: 0.005 min
Response: 28155504
Conc: 107.90 ng/ml



#33 AR-1260-3

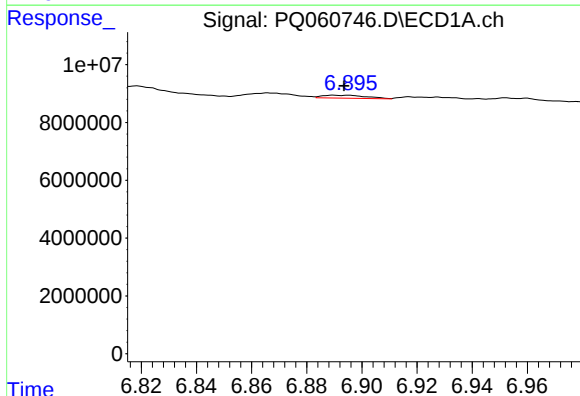
R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 4501106
Conc: 12.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



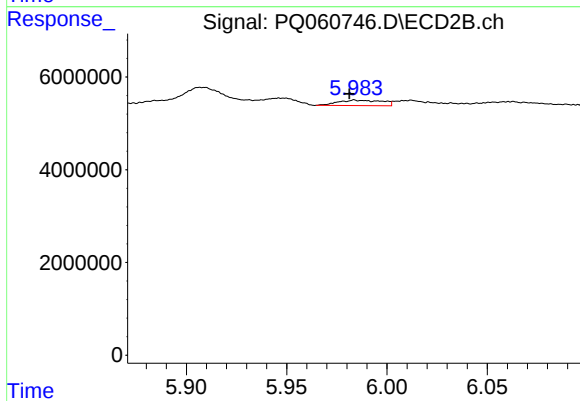
#33 AR-1260-3

R.T.: 5.523 min
Delta R.T.: 0.005 min
Response: 25514627
Conc: 94.49 ng/ml



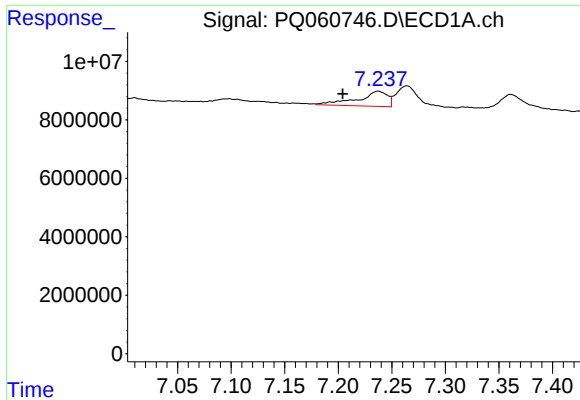
#34 AR-1260-4

R.T.: 6.890 min
Delta R.T.: -0.004 min
Response: 1100554
Conc: 2.85 ng/ml



#34 AR-1260-4

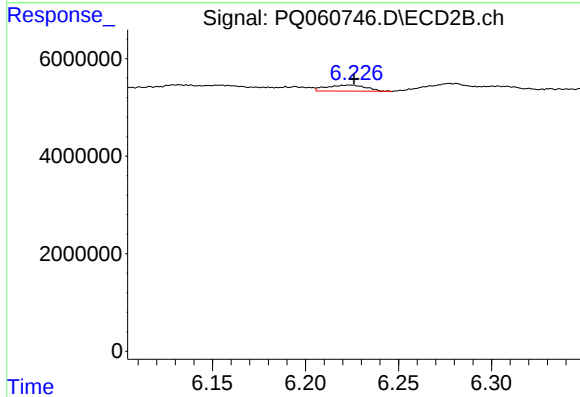
R.T.: 5.984 min
Delta R.T.: 0.003 min
Response: 1776966
Conc: 8.30 ng/ml



#35 AR-1260-5

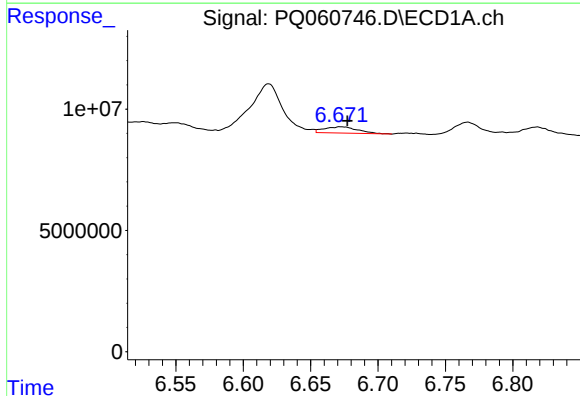
R.T.: 7.237 min
Delta R.T.: 0.033 min
Response: 9968086
Conc: 13.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



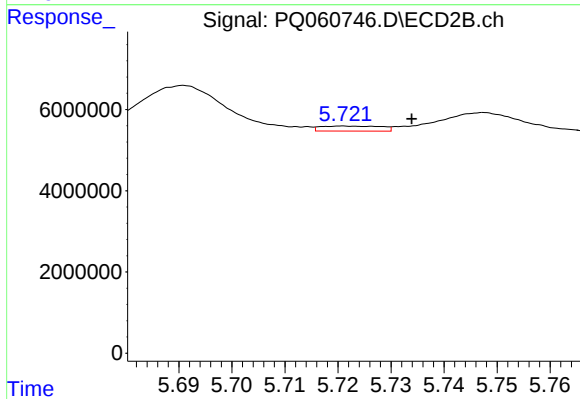
#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 1799420
Conc: 3.77 ng/ml



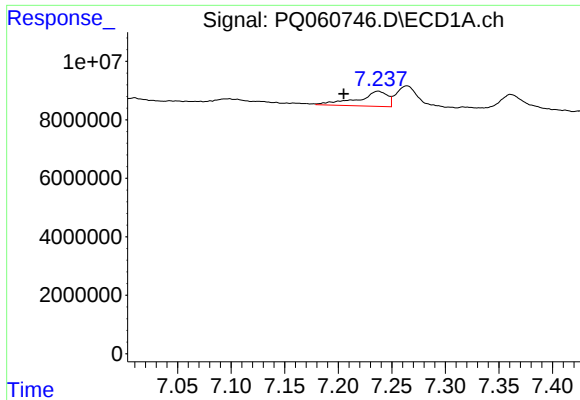
#36 AR-1262-1

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 4501106
Conc: 8.99 ng/ml



#36 AR-1262-1

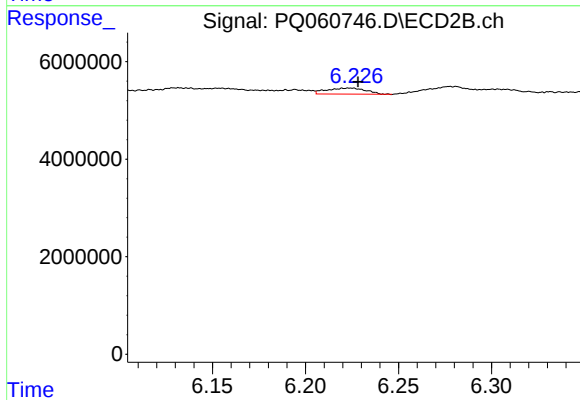
R.T.: 5.721 min
Delta R.T.: -0.013 min
Response: 986695
Conc: 3.23 ng/ml



#37 AR-1262-2

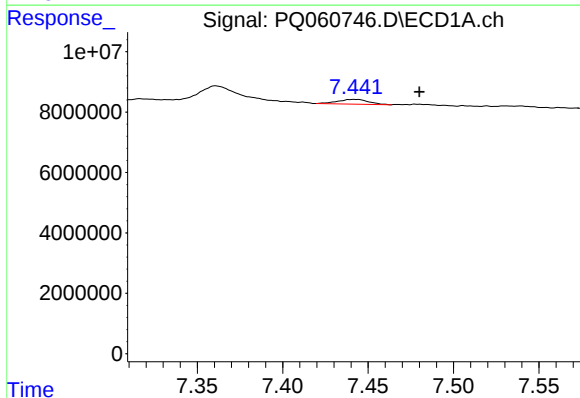
R.T.: 7.237 min
Delta R.T.: 0.032 min
Response: 9968086
Conc: 11.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



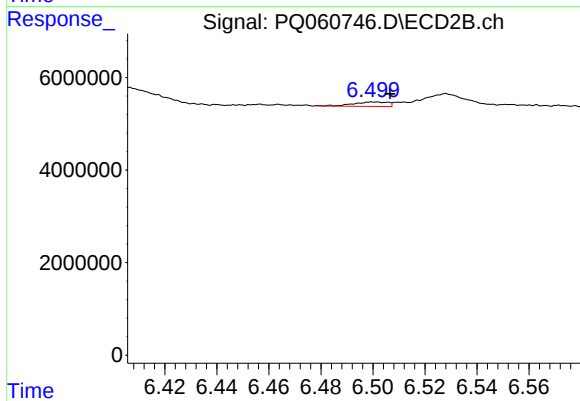
#37 AR-1262-2

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 1799420
Conc: 3.29 ng/ml



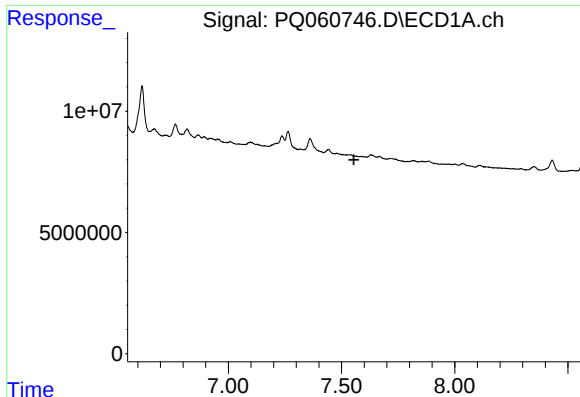
#38 AR-1262-3

R.T.: 7.442 min
Delta R.T.: -0.038 min
Response: 1979556
Conc: 3.53 ng/ml



#38 AR-1262-3

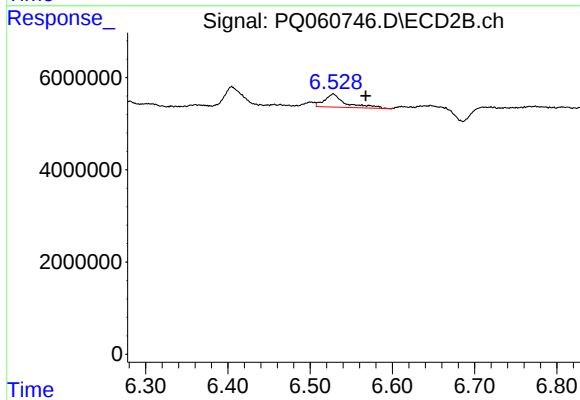
R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 900034
Conc: 3.98 ng/ml



#39 AR-1262-4

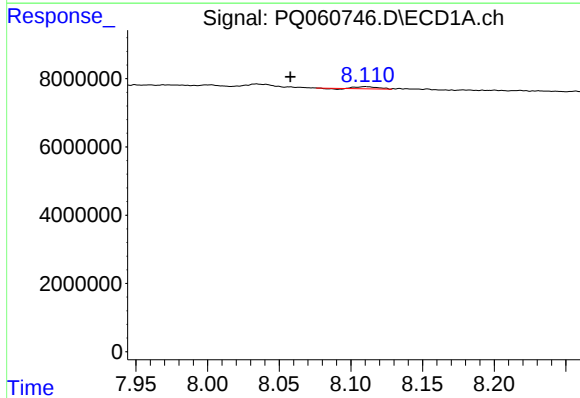
R.T.: 0.000 min
Exp R.T.: 7.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



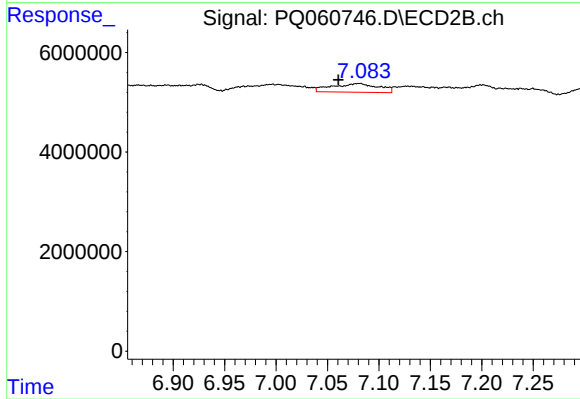
#39 AR-1262-4

R.T.: 6.528 min
Delta R.T.: -0.040 min
Response: 5073826
Conc: 12.10 ng/ml



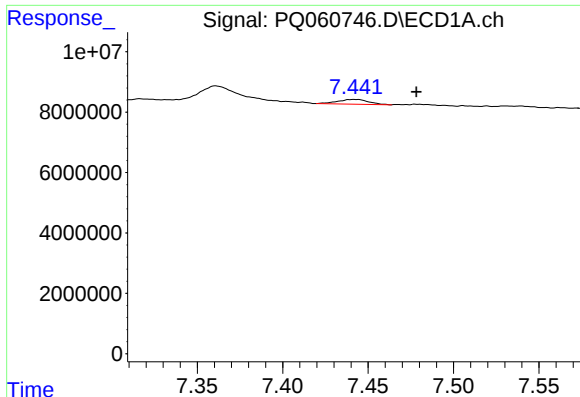
#40 AR-1262-5

R.T.: 8.110 min
Delta R.T.: 0.052 min
Response: 579122
Conc: 2.05 ng/ml



#40 AR-1262-5

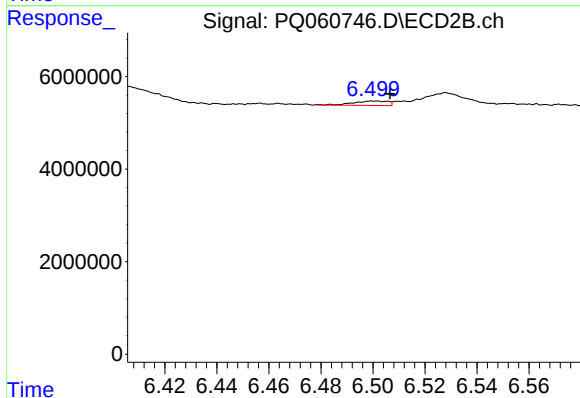
R.T.: 7.081 min
Delta R.T.: 0.021 min
Response: 5502042
Conc: 26.88 ng/ml



#41 AR-1268-1

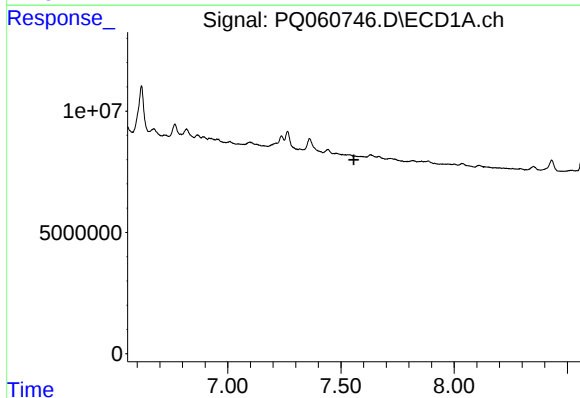
R.T.: 7.442 min
Delta R.T.: -0.036 min
Response: 1979556
Conc: 2.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



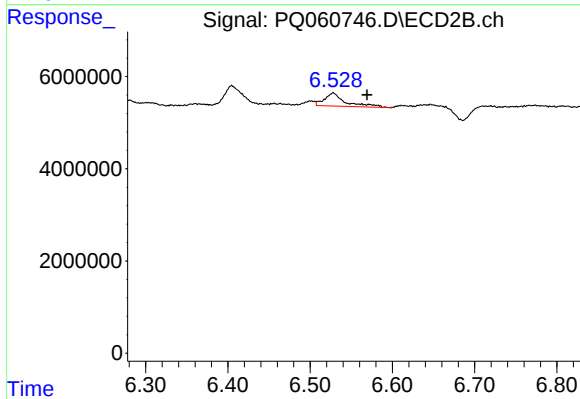
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 900034
Conc: 1.71 ng/ml



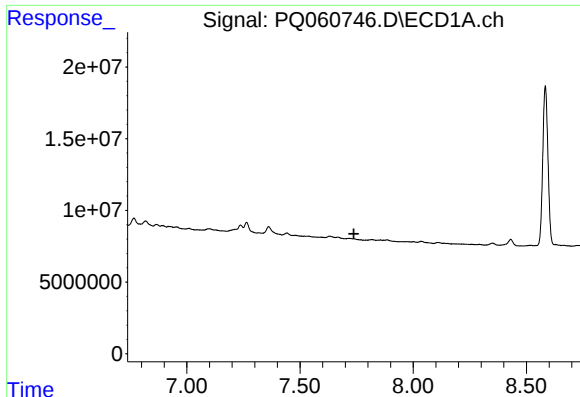
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.557 min
Response: 0
Conc: N.D.



#42 AR-1268-2

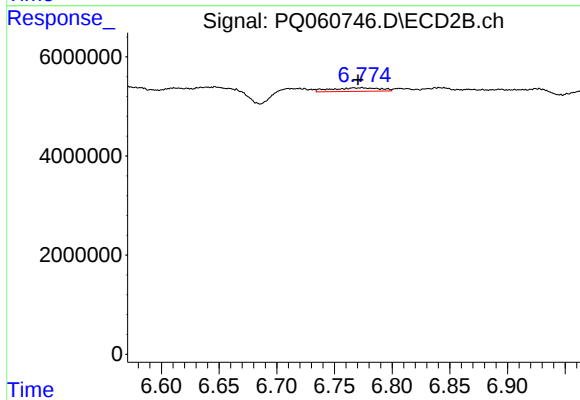
R.T.: 6.528 min
Delta R.T.: -0.041 min
Response: 5073826
Conc: 10.53 ng/ml



#43 AR-1268-3

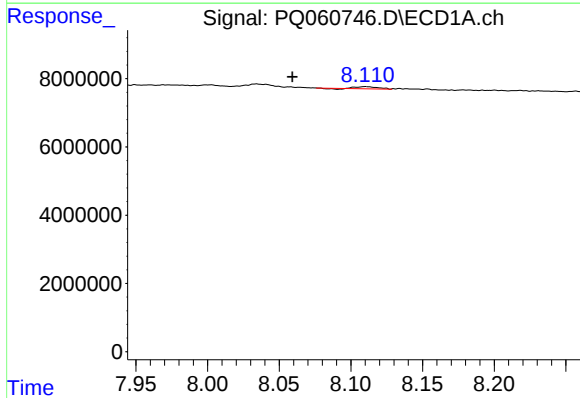
R.T.: 0.000 min
Exp R.T.: 7.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



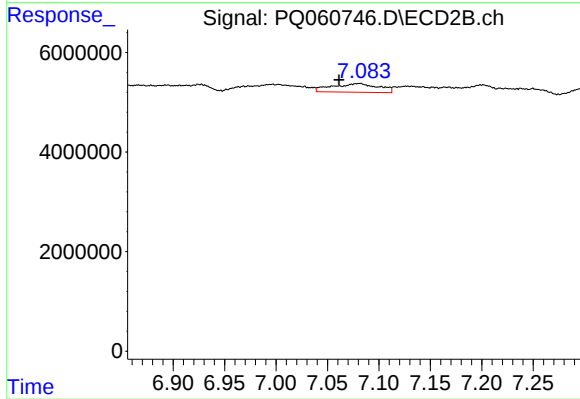
#43 AR-1268-3

R.T.: 6.774 min
Delta R.T.: 0.003 min
Response: 2141465
Conc: 5.12 ng/ml



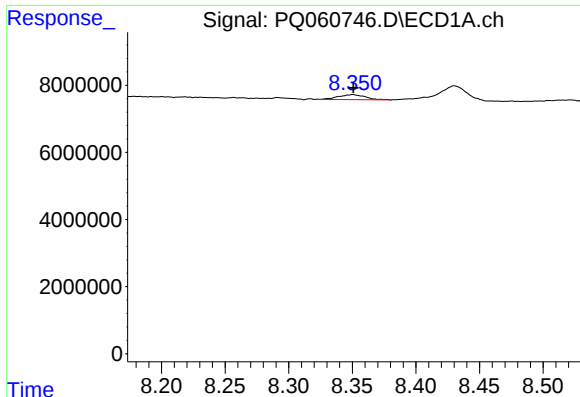
#44 AR-1268-4

R.T.: 8.110 min
Delta R.T.: 0.051 min
Response: 579122
Conc: 2.32 ng/ml



#44 AR-1268-4

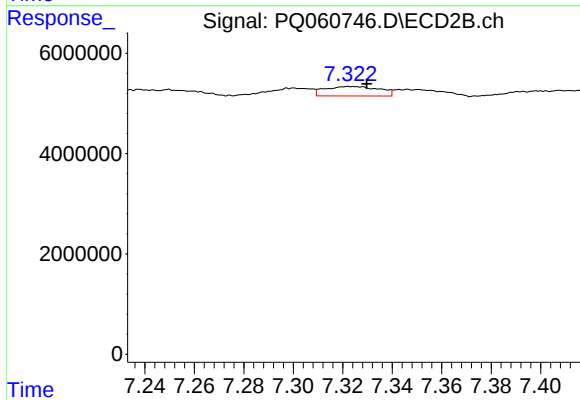
R.T.: 7.081 min
Delta R.T.: 0.020 min
Response: 5502042
Conc: 30.14 ng/ml



#45 AR-1268-5

R.T.: 8.350 min
Delta R.T.: 0.000 min
Response: 2165478
Conc: 1.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 2900447
Conc: 2.17 ng/ml