

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
 Data File : PQ060850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:15
 Operator : YP\AJ
 Sample : 02213-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:57:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.406	2.764	139.7E6	64120004	17.801	16.313
2)	SA Decachlor...	8.584	7.541	111.7E6	79912783	19.800	16.956
Target Compounds							
3)	L1 AR-1016-1	4.506	3.767	10022639	5572822	36.021	38.929
4)	L1 AR-1016-2	4.525	3.783	16269559	7206706	39.147	34.236
5)	L1 AR-1016-3	4.582	3.942	11176927	3870406	42.847	34.904
6)	L1 AR-1016-4	4.675	3.992	8785251	3365777	40.621	35.731
7)	L1 AR-1016-5	4.961	4.187	8915276	4389297	40.059	37.236
8)	L2 AR-1221-1	3.598	2.967	1492726	813247	14.969	16.705
9)	L2 AR-1221-2	3.684	3.035	4171820	1724380	55.405	46.420
10)	L2 AR-1221-3	3.754	3.111	7688501	3080173	34.561	27.113
11)	L3 AR-1232-1	3.754	3.111	7688501	3080173	44.984	35.586
12)	L3 AR-1232-2	4.247	3.783	8616966	7206706	86.926	75.841
13)	L3 AR-1232-3	4.525	3.942	16269559	3870406	86.746	77.567
14)	L3 AR-1232-4	4.675	4.029	8785251	3581530	88.958	84.104
15)	L3 AR-1232-5	4.771	4.187	6831753	4389297	100.585	85.351
16)	L4 AR-1242-1	4.506	3.767	10022639	5572822	47.320	50.030
17)	L4 AR-1242-2	4.525	3.783	16269559	7206706	51.651	44.531
18)	L4 AR-1242-3	4.582	3.942	11176927	3870406	55.449	45.761
19)	L4 AR-1242-4	4.675	4.029	8785251	3581530	51.351	43.254
20)	L4 AR-1242-5	5.391	4.524	2050349	4415006	12.109	38.706 #
21)	L5 AR-1248-1	4.506	3.767	10022639	5572822	59.367	63.180
22)	L5 AR-1248-2	4.771	3.992	6831753	3365777	29.847	25.818
23)	L5 AR-1248-3	4.961	4.029	8915276	3581530	31.816	28.528
24)	L5 AR-1248-4	5.355	4.187	2703169	4389297	8.683	28.174 #
25)	L5 AR-1248-5	5.391	4.563	2050349	1441653	6.839	9.398 #
26)	L6 AR-1254-1	5.328	4.524	9680591	4415006	30.414	19.022 #
27)	L6 AR-1254-2	5.546	4.672	7407833	3349294	15.040	15.956
28)	L6 AR-1254-3	5.898	5.056	4488013	503686	8.878	1.526 #
29)	L6 AR-1254-4	6.183	5.277	1770070	1317434	4.727	6.294 #
30)	L6 AR-1254-5	6.594	5.684	26920110	12679574	63.662	38.769 #
31)	L7 AR-1260-1	6.064	5.182	17044841	9230704	44.334	39.845
32)	L7 AR-1260-2	6.323	5.372	23873801	13753707	52.126	47.993
33)	L7 AR-1260-3	6.677	5.514	15038757	12909946	51.944	47.362
34)	L7 AR-1260-4	6.894	5.976	17316870	9033164	50.289	44.670
35)	L7 AR-1260-5	7.205	6.222	31568591	18867969	48.302	40.774
36)	L8 AR-1262-1	6.677	5.728	15038757	8935841	31.597	28.132
37)	L8 AR-1262-2	7.205	6.222	31568591	18867969	40.383	32.365
38)	L8 AR-1262-3	7.483	6.501	20988772	6516221	39.880	27.402 #
39)	L8 AR-1262-4	7.554	6.559	11890701	16190688	28.856	36.613 #
40)	L8 AR-1262-5	8.059	7.055	8986339	8014048	33.220	37.886
41)	L9 AR-1268-1	7.483	6.501	20988772	6516221	24.125	9.692 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ040723\
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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 22 Sample Multiplier: 1

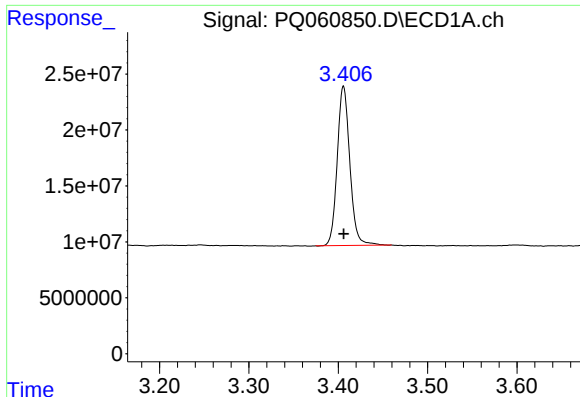
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:57:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
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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	7.554	6.559	11890701	16190688	15.004	26.192 #
43) L9	AR-1268-3	0.000	6.762	0	9390107	N.D.	17.332 #
44) L9	AR-1268-4	8.059	7.055	8986339	8014048	30.473	34.368
45) L9	AR-1268-5	8.352	7.324	2452836	4866485	1.299	2.784 #

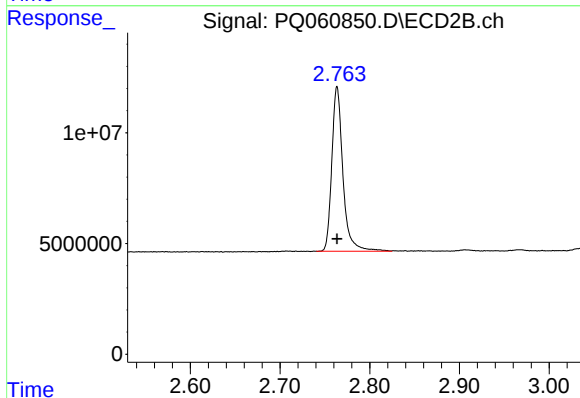
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

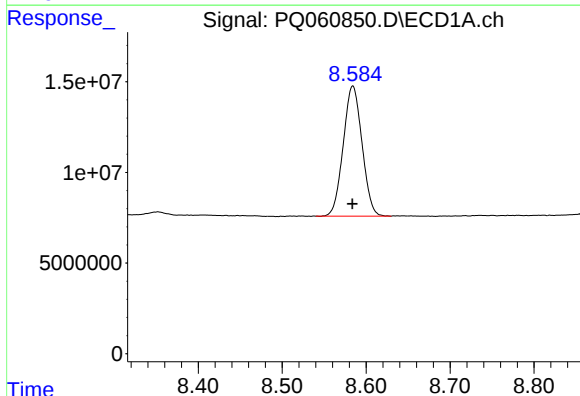
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 139737760
Conc: 17.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



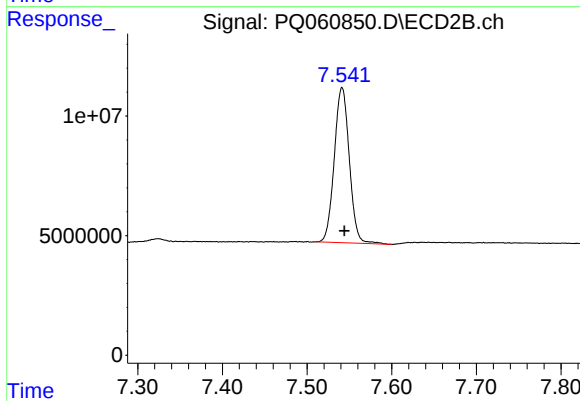
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 64120004
Conc: 16.31 ng/ml



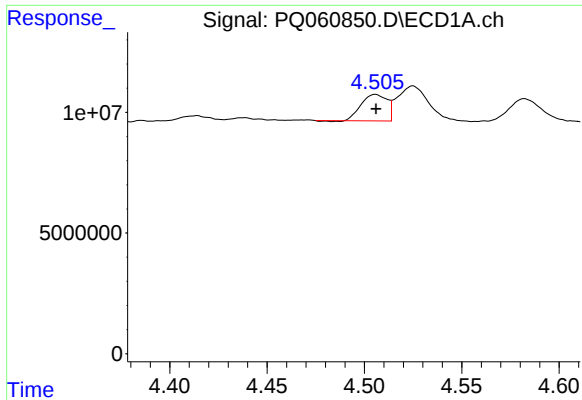
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 111731240
Conc: 19.80 ng/ml



#2 Decachlorobiphenyl

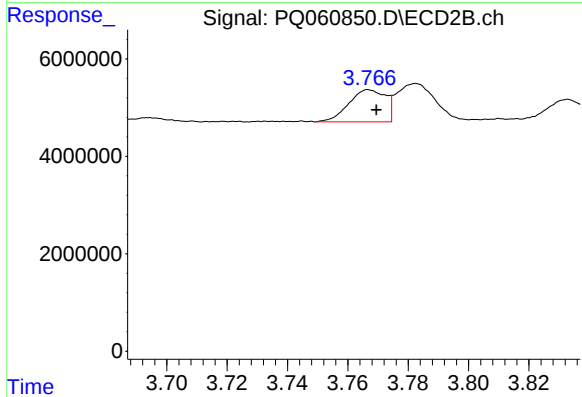
R.T.: 7.541 min
Delta R.T.: -0.003 min
Response: 79912783
Conc: 16.96 ng/ml



#3 AR-1016-1

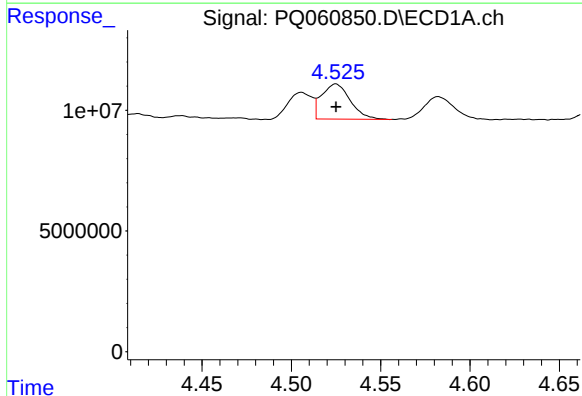
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 10022639
Conc: 36.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



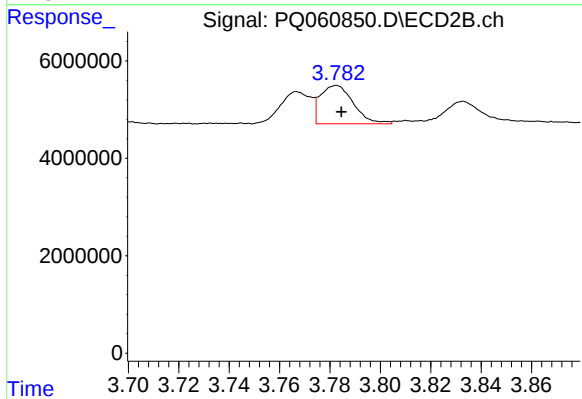
#3 AR-1016-1

R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 5572822
Conc: 38.93 ng/ml



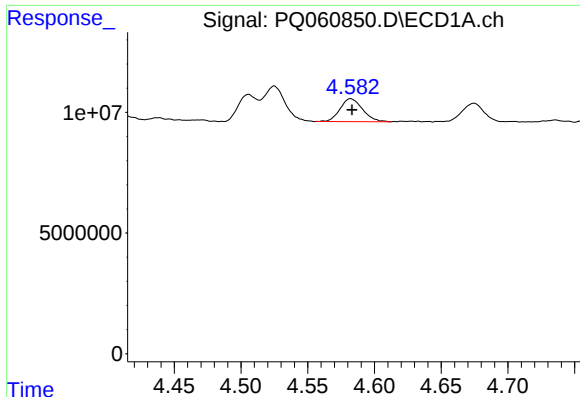
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 16269559
Conc: 39.15 ng/ml



#4 AR-1016-2

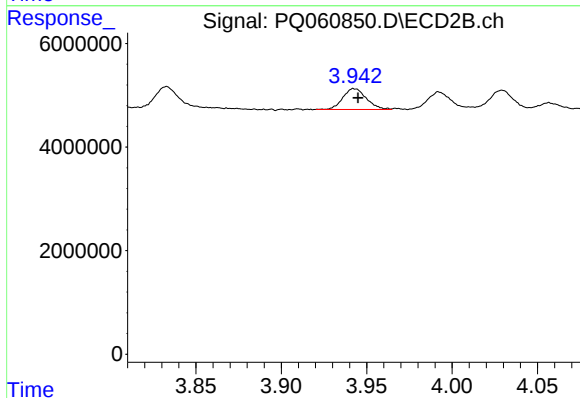
R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 7206706
Conc: 34.24 ng/ml



#5 AR-1016-3

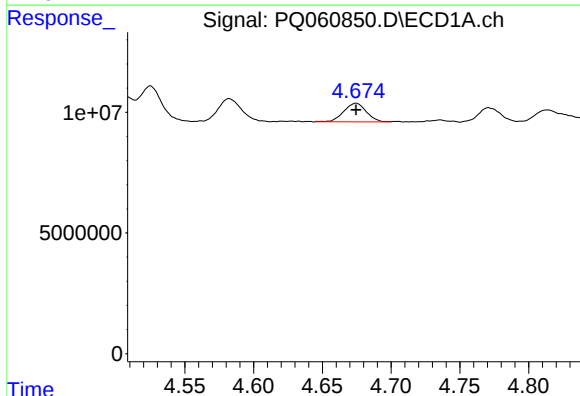
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 11176927
Conc: 42.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



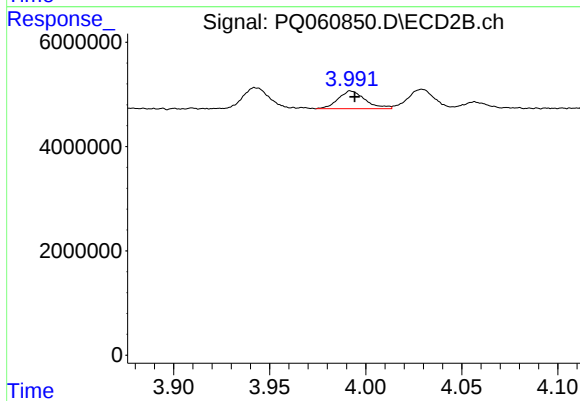
#5 AR-1016-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 3870406
Conc: 34.90 ng/ml



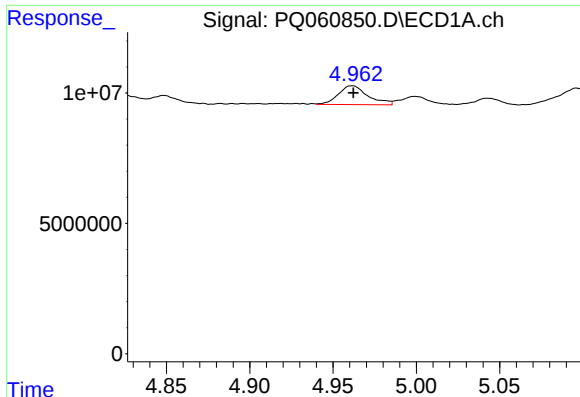
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 8785251
Conc: 40.62 ng/ml



#6 AR-1016-4

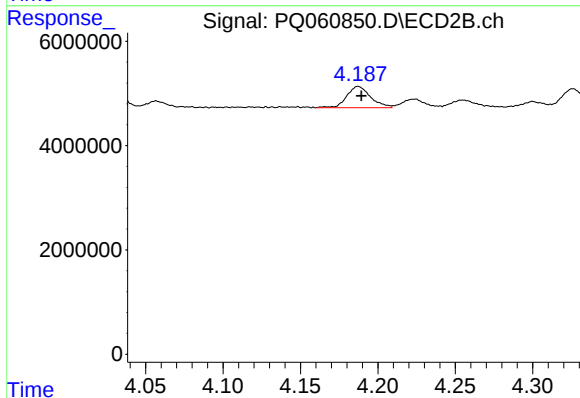
R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 3365777
Conc: 35.73 ng/ml



#7 AR-1016-5

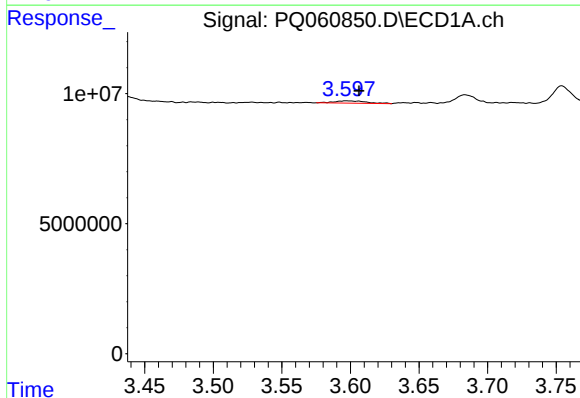
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 8915276
Conc: 40.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



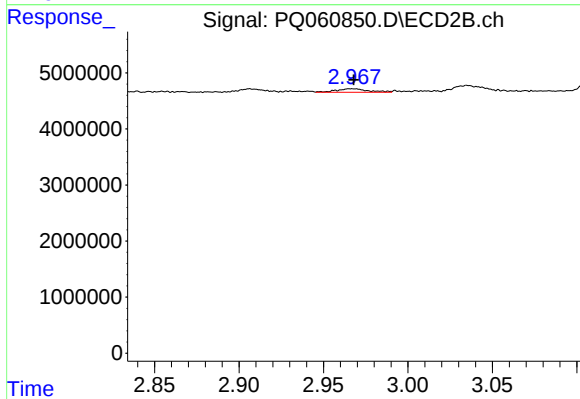
#7 AR-1016-5

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 4389297
Conc: 37.24 ng/ml



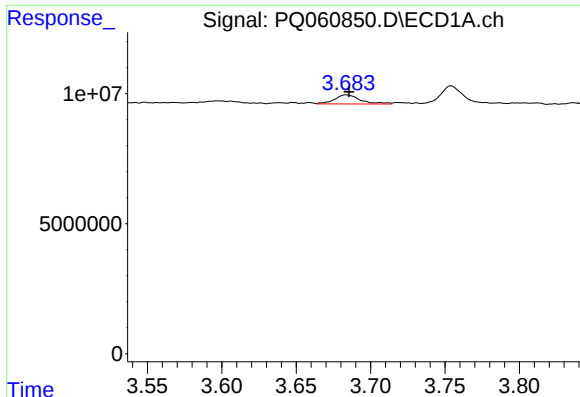
#8 AR-1221-1

R.T.: 3.598 min
Delta R.T.: -0.009 min
Response: 1492726
Conc: 14.97 ng/ml



#8 AR-1221-1

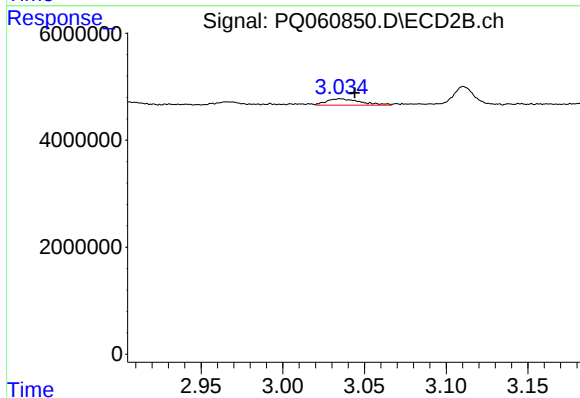
R.T.: 2.967 min
Delta R.T.: -0.001 min
Response: 813247
Conc: 16.71 ng/ml



#9 AR-1221-2

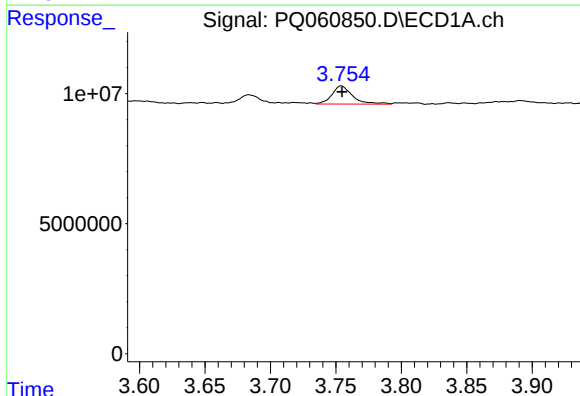
R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 4171820
Conc: 55.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



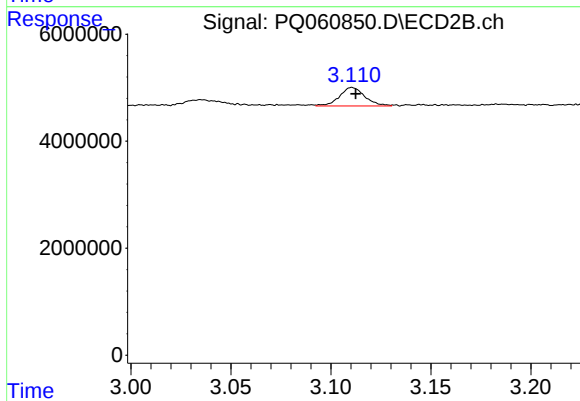
#9 AR-1221-2

R.T.: 3.035 min
Delta R.T.: -0.009 min
Response: 1724380
Conc: 46.42 ng/ml



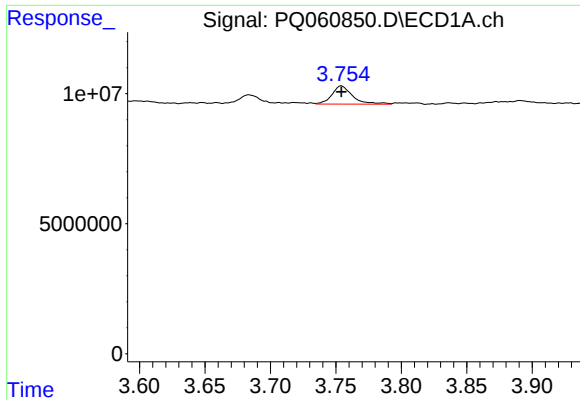
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 7688501
Conc: 34.56 ng/ml



#10 AR-1221-3

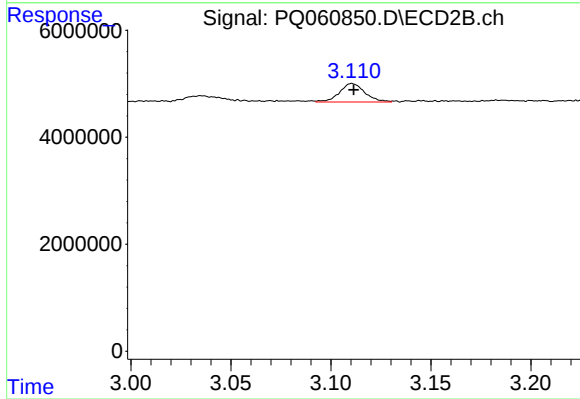
R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 3080173
Conc: 27.11 ng/ml



#11 AR-1232-1

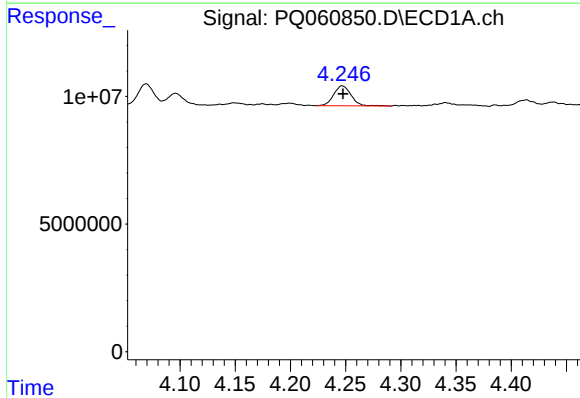
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 7688501
Conc: 44.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



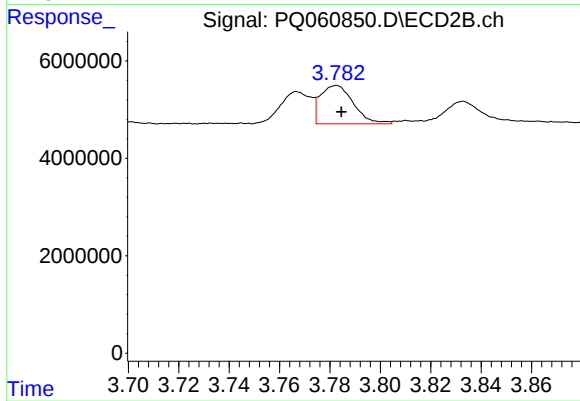
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: 0.000 min
Response: 3080173
Conc: 35.59 ng/ml



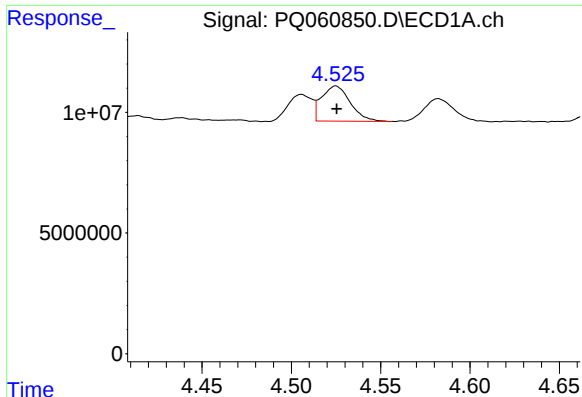
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 8616966
Conc: 86.93 ng/ml



#12 AR-1232-2

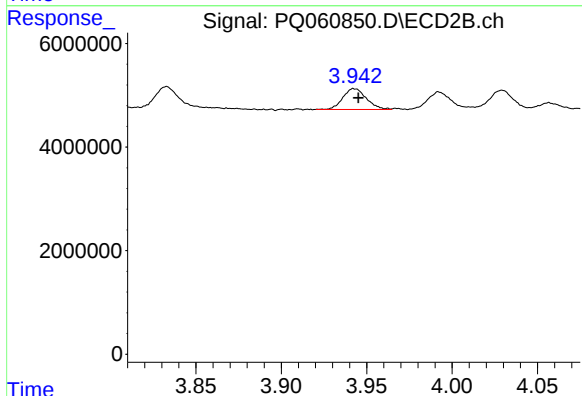
R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 7206706
Conc: 75.84 ng/ml



#13 AR-1232-3

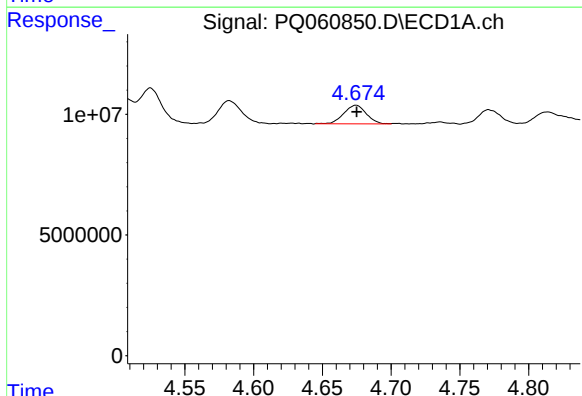
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 16269559
Conc: 86.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



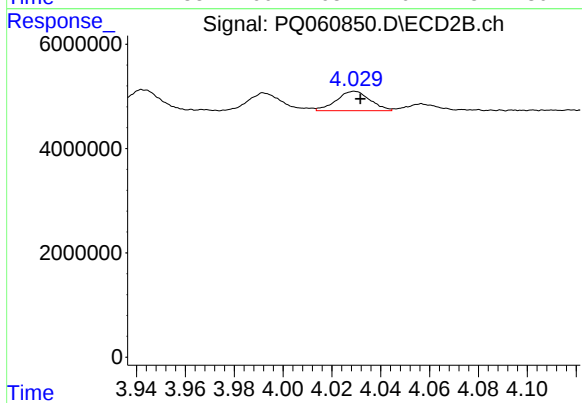
#13 AR-1232-3

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 3870406
Conc: 77.57 ng/ml



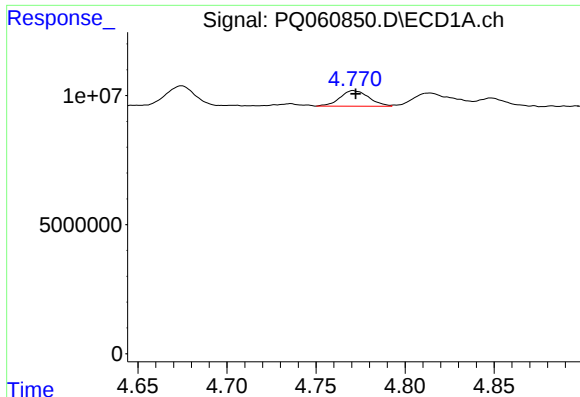
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 8785251
Conc: 88.96 ng/ml



#14 AR-1232-4

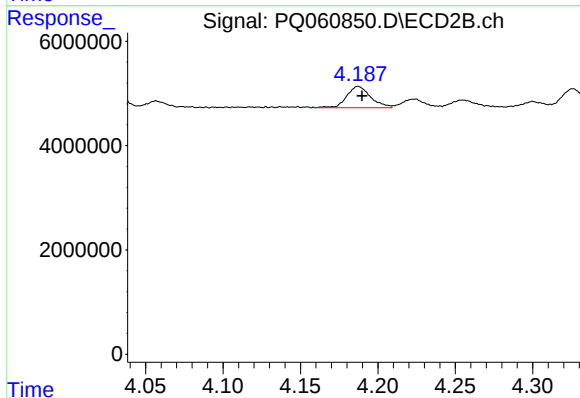
R.T.: 4.029 min
Delta R.T.: -0.002 min
Response: 3581530
Conc: 84.10 ng/ml



#15 AR-1232-5

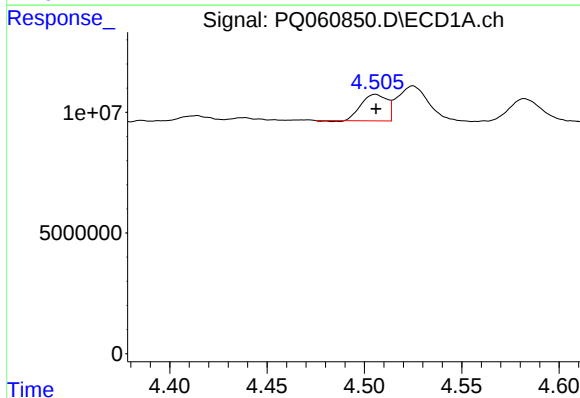
R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 6831753
Conc: 100.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



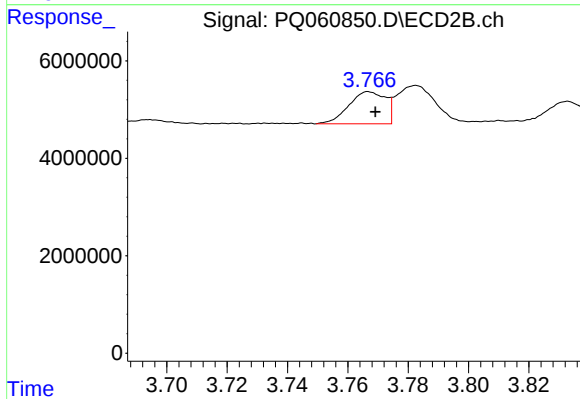
#15 AR-1232-5

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 4389297
Conc: 85.35 ng/ml



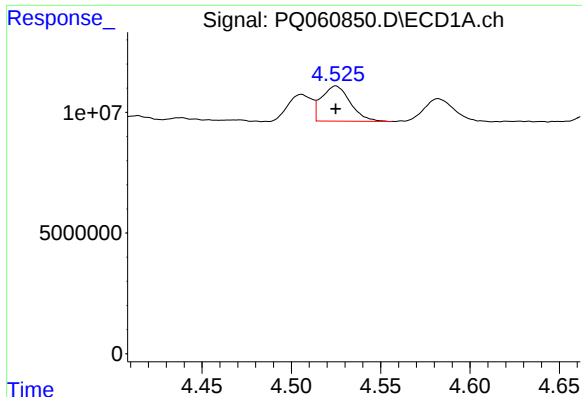
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 10022639
Conc: 47.32 ng/ml



#16 AR-1242-1

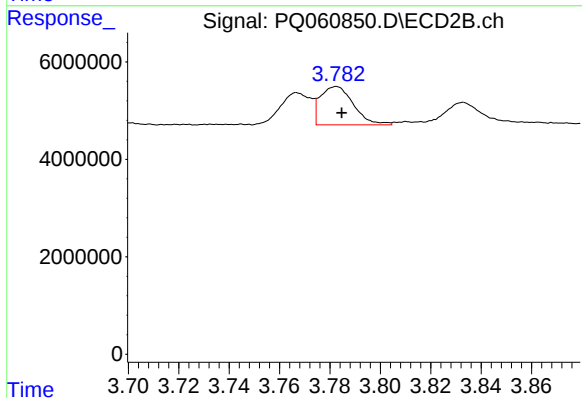
R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 5572822
Conc: 50.03 ng/ml



#17 AR-1242-2

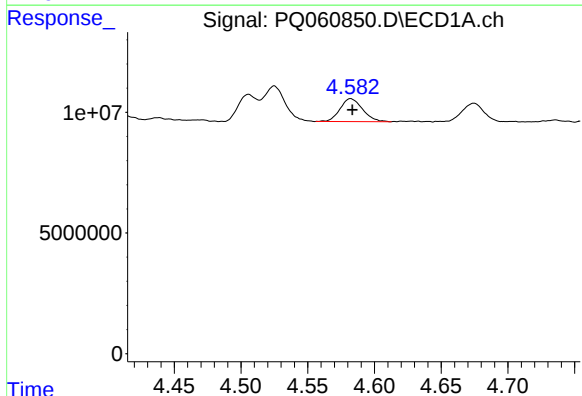
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 16269559
Conc: 51.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



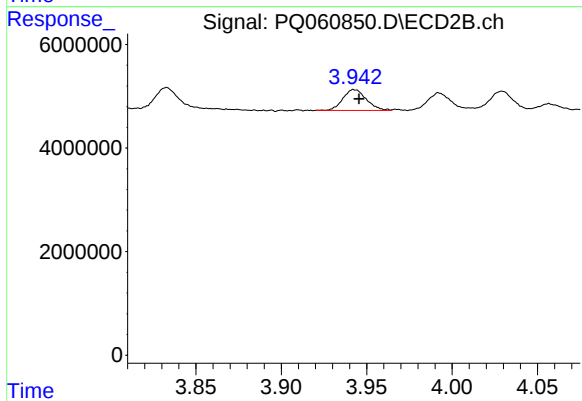
#17 AR-1242-2

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 7206706
Conc: 44.53 ng/ml



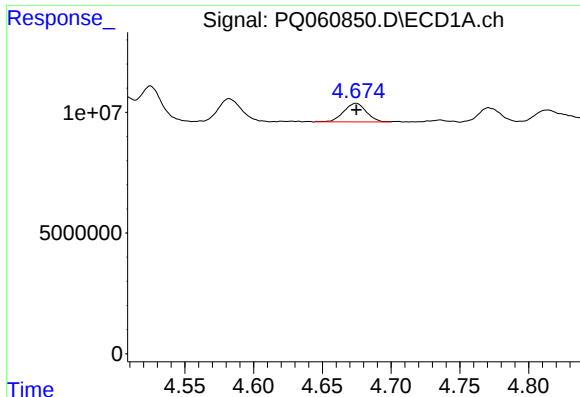
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 11176927
Conc: 55.45 ng/ml



#18 AR-1242-3

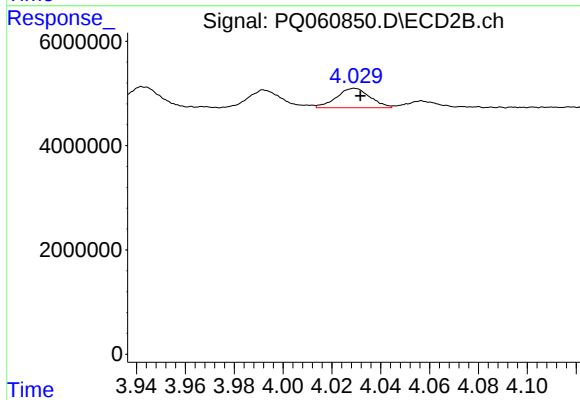
R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 3870406
Conc: 45.76 ng/ml



#19 AR-1242-4

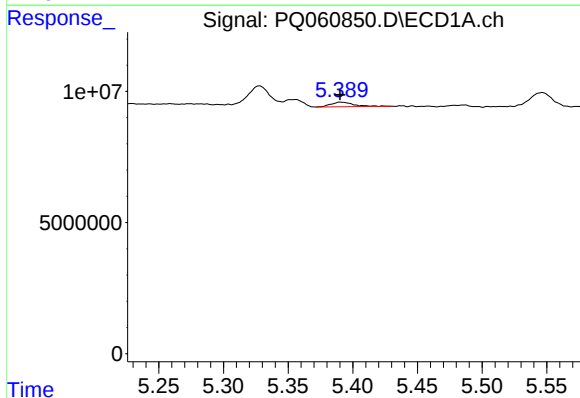
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 8785251
Conc: 51.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



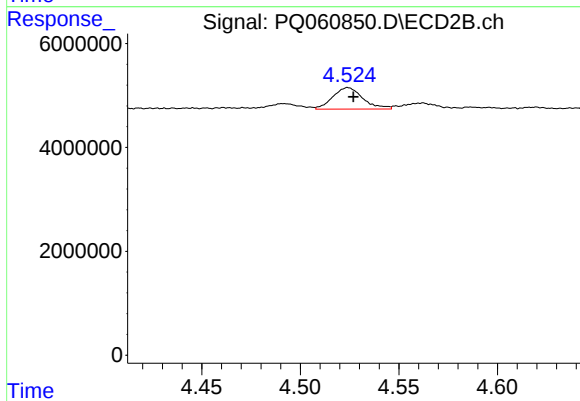
#19 AR-1242-4

R.T.: 4.029 min
Delta R.T.: -0.002 min
Response: 3581530
Conc: 43.25 ng/ml



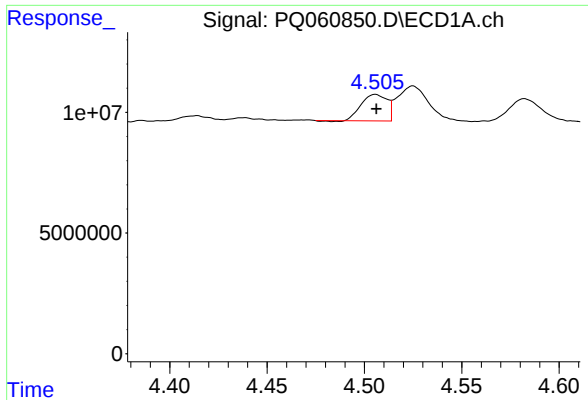
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 2050349
Conc: 12.11 ng/ml



#20 AR-1242-5

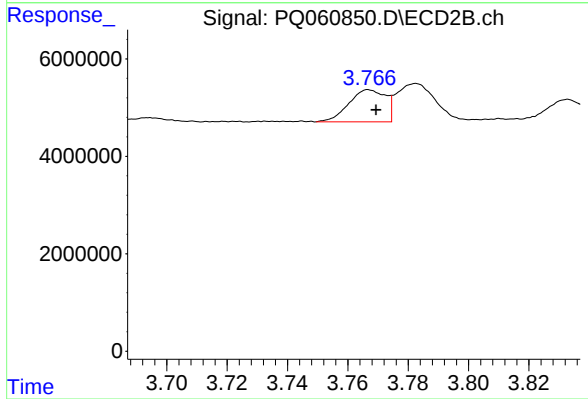
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 4415006
Conc: 38.71 ng/ml



#21 AR-1248-1

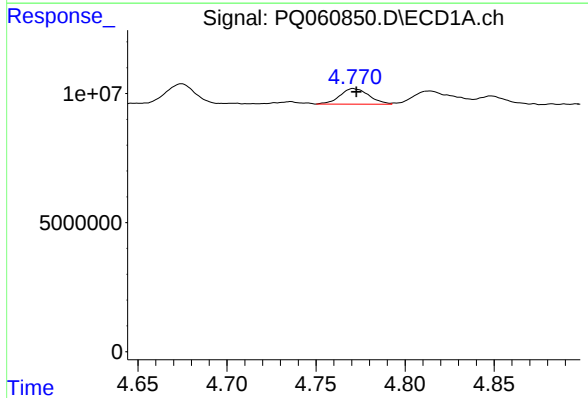
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 10022639
Conc: 59.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



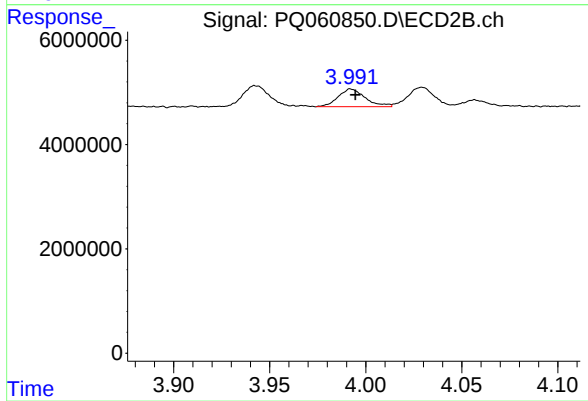
#21 AR-1248-1

R.T.: 3.767 min
Delta R.T.: -0.002 min
Response: 5572822
Conc: 63.18 ng/ml



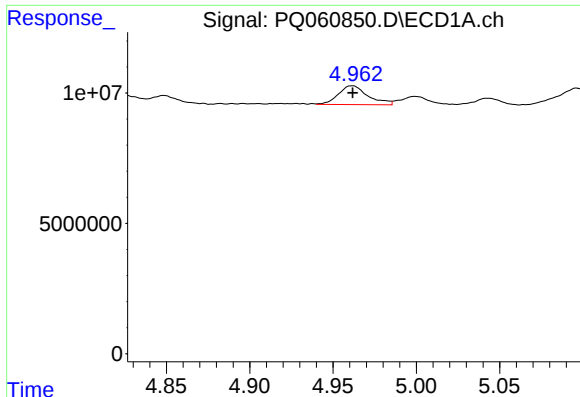
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 6831753
Conc: 29.85 ng/ml



#22 AR-1248-2

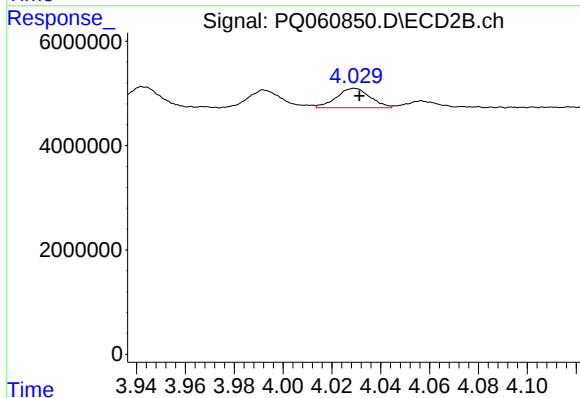
R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 3365777
Conc: 25.82 ng/ml



#23 AR-1248-3

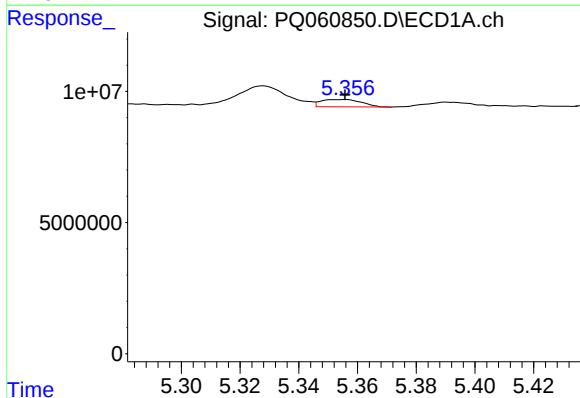
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 8915276
Conc: 31.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



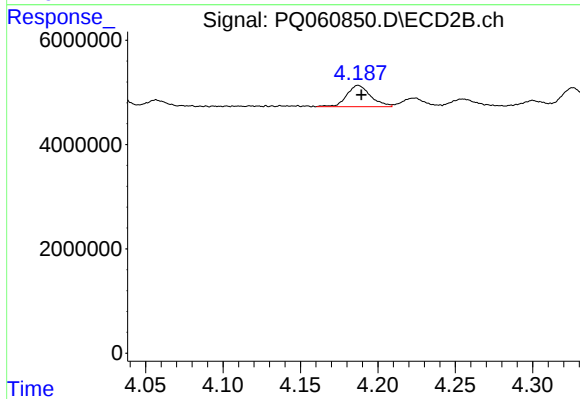
#23 AR-1248-3

R.T.: 4.029 min
Delta R.T.: -0.002 min
Response: 3581530
Conc: 28.53 ng/ml



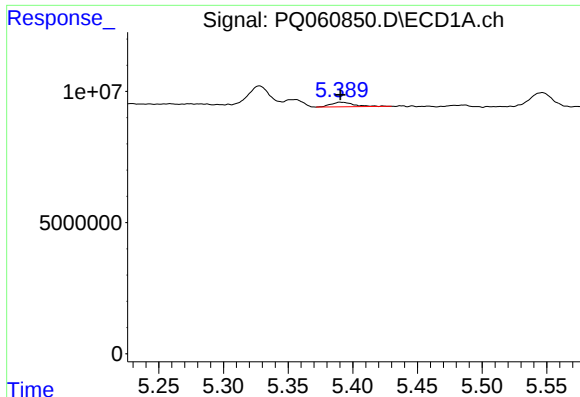
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 2703169
Conc: 8.68 ng/ml



#24 AR-1248-4

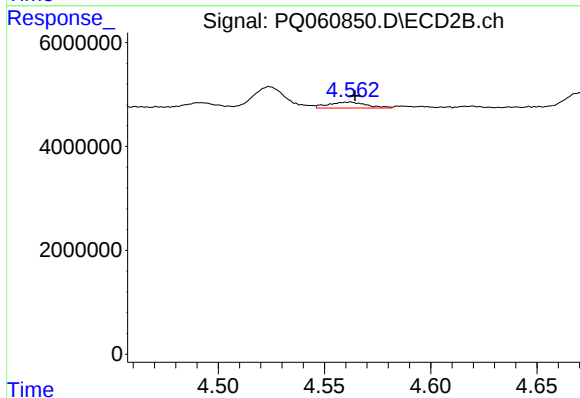
R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 4389297
Conc: 28.17 ng/ml



#25 AR-1248-5

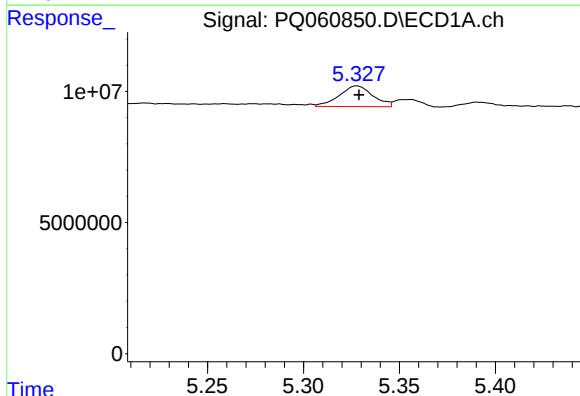
R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 2050349
Conc: 6.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



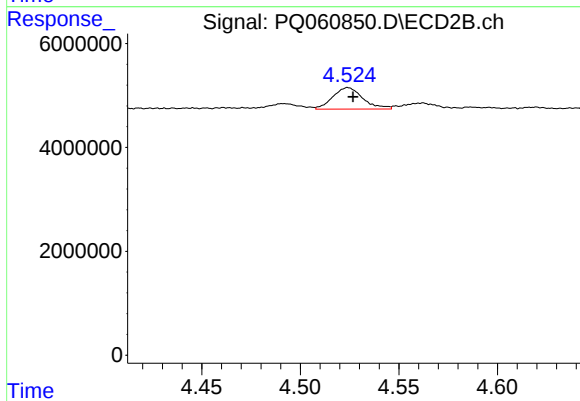
#25 AR-1248-5

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 1441653
Conc: 9.40 ng/ml



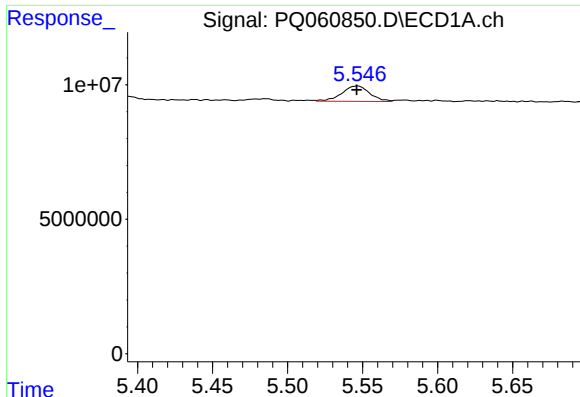
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: -0.001 min
Response: 9680591
Conc: 30.41 ng/ml



#26 AR-1254-1

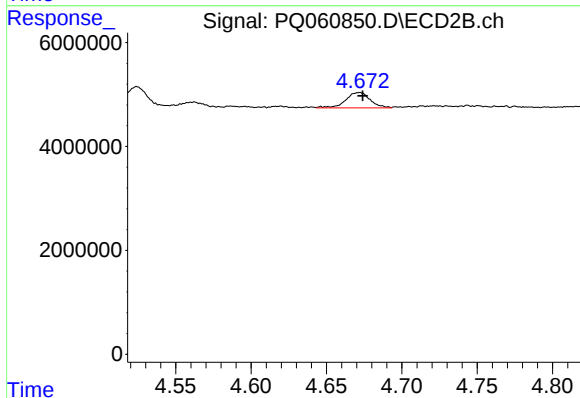
R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 4415006
Conc: 19.02 ng/ml



#27 AR-1254-2

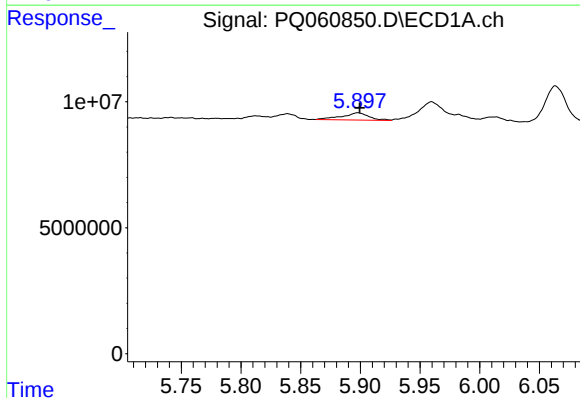
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7407833
Conc: 15.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



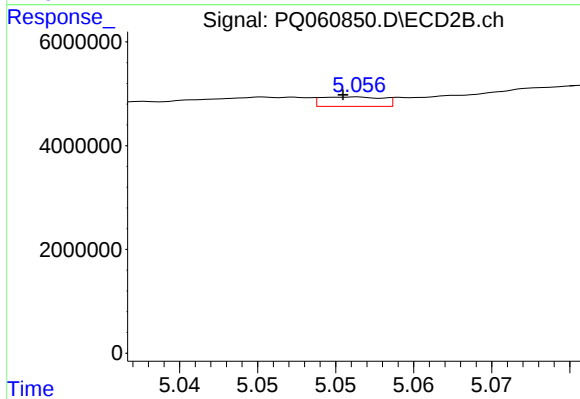
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 3349294
Conc: 15.96 ng/ml



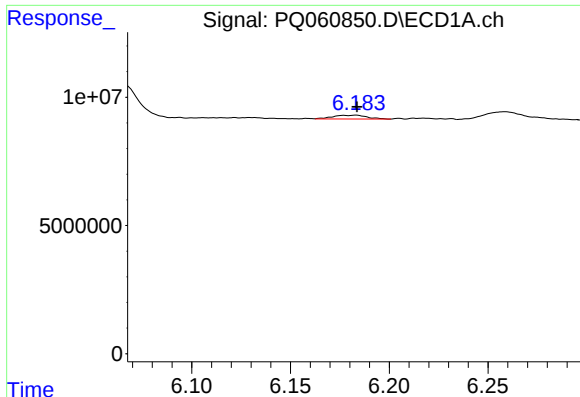
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 4488013
Conc: 8.88 ng/ml



#28 AR-1254-3

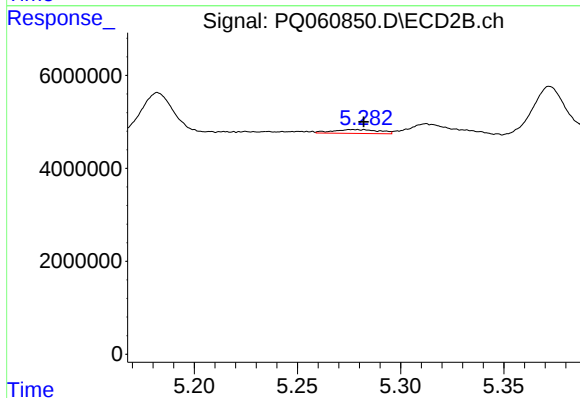
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 503686
Conc: 1.53 ng/ml



#29 AR-1254-4

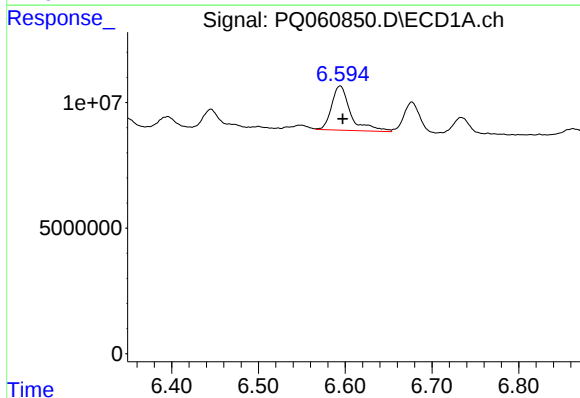
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 1770070
Conc: 4.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



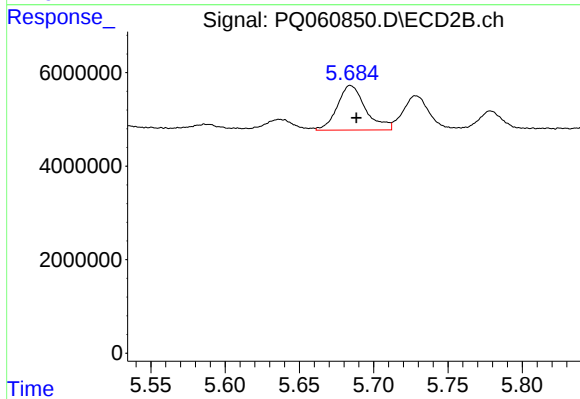
#29 AR-1254-4

R.T.: 5.277 min
Delta R.T.: -0.005 min
Response: 1317434
Conc: 6.29 ng/ml



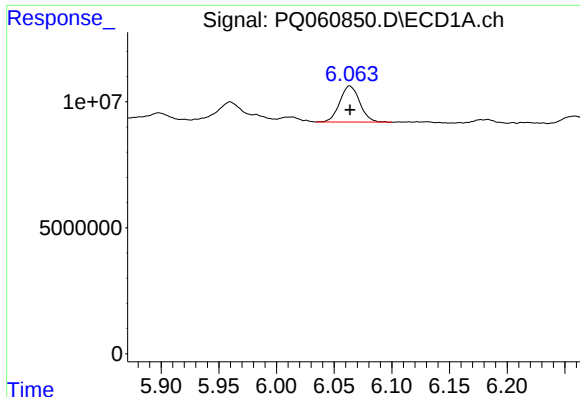
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 26920110
Conc: 63.66 ng/ml



#30 AR-1254-5

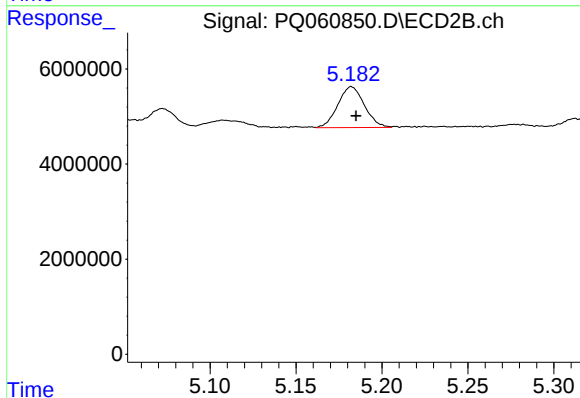
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 12679574
Conc: 38.77 ng/ml



#31 AR-1260-1

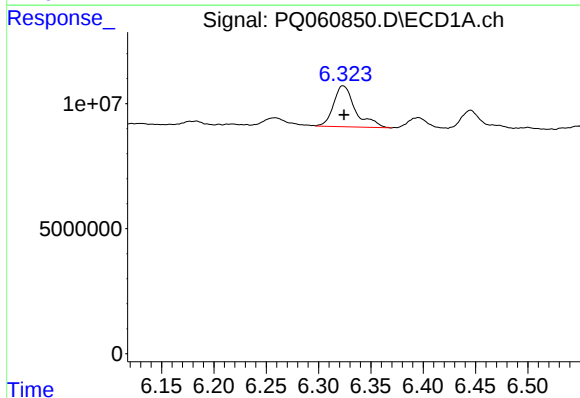
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 17044841
Conc: 44.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



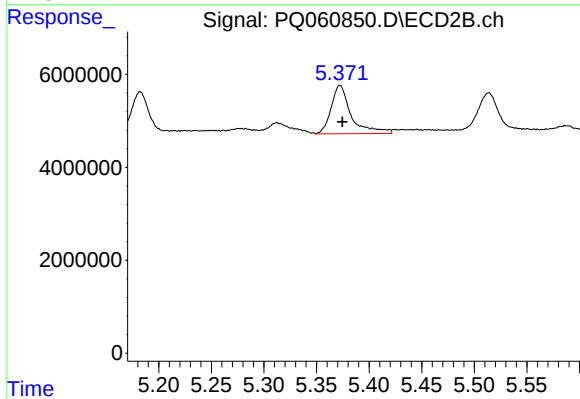
#31 AR-1260-1

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 9230704
Conc: 39.85 ng/ml



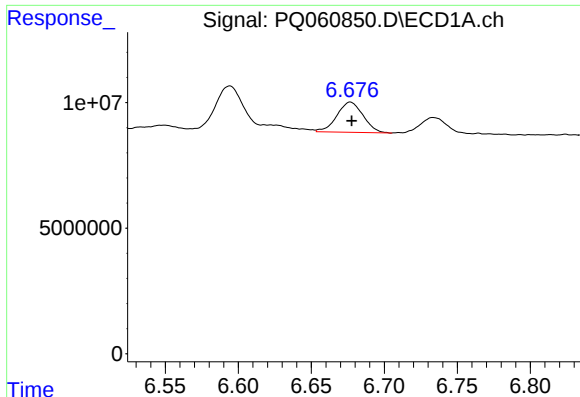
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 23873801
Conc: 52.13 ng/ml



#32 AR-1260-2

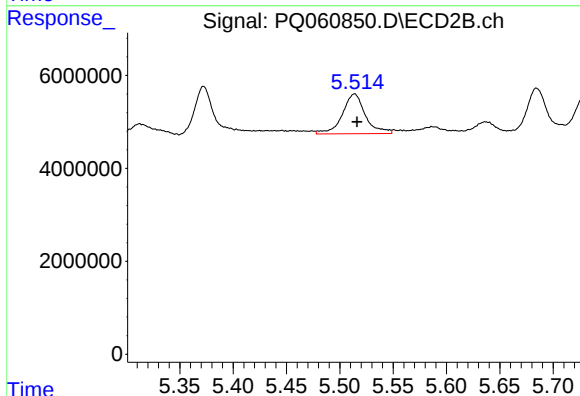
R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 13753707
Conc: 47.99 ng/ml



#33 AR-1260-3

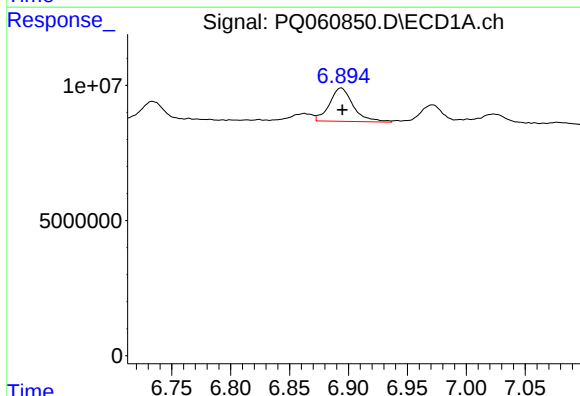
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 15038757
Conc: 51.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



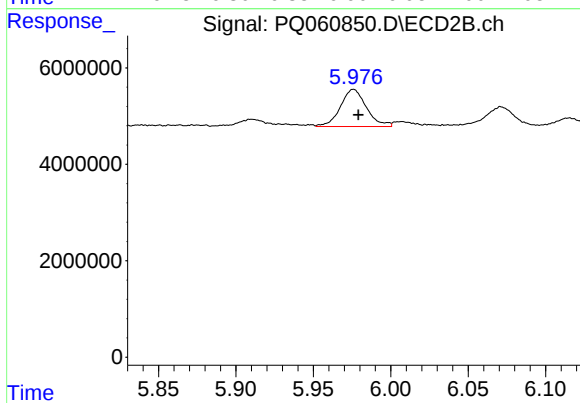
#33 AR-1260-3

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 12909946
Conc: 47.36 ng/ml



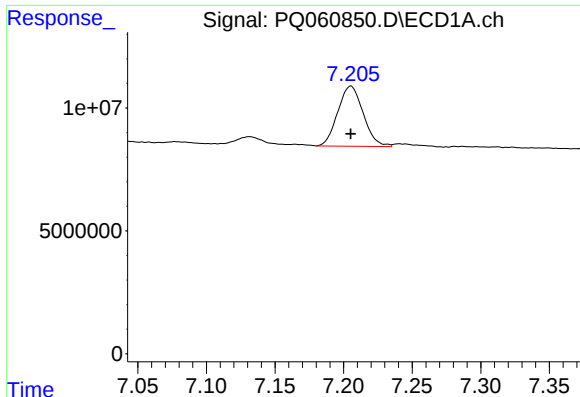
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: -0.001 min
Response: 17316870
Conc: 50.29 ng/ml



#34 AR-1260-4

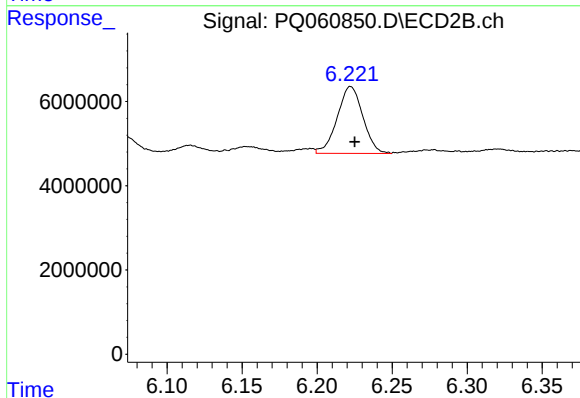
R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 9033164
Conc: 44.67 ng/ml



#35 AR-1260-5

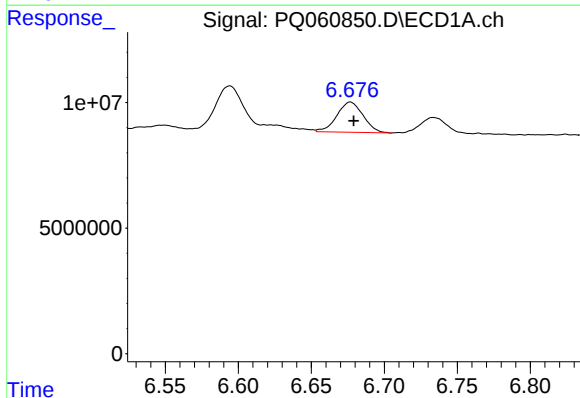
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 31568591
Conc: 48.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



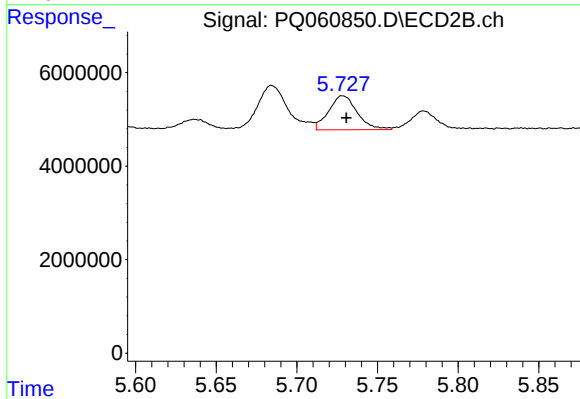
#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 18867969
Conc: 40.77 ng/ml



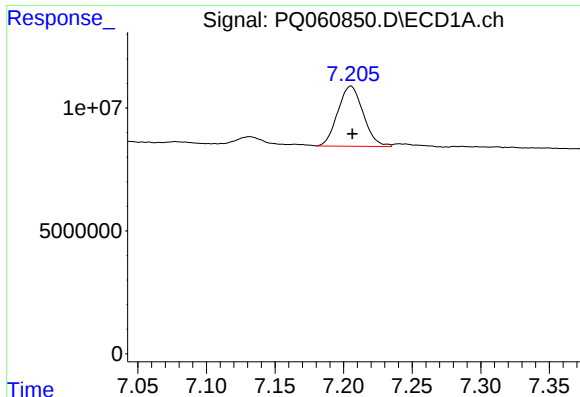
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 15038757
Conc: 31.60 ng/ml



#36 AR-1262-1

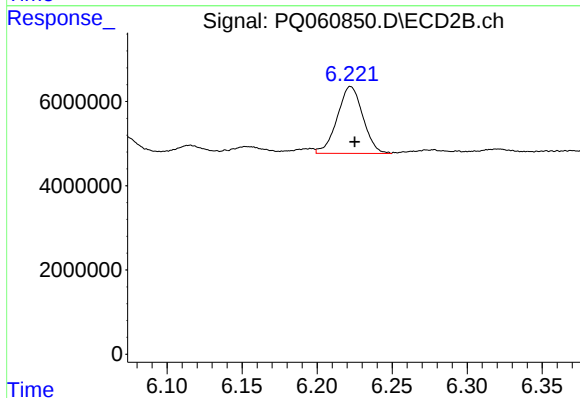
R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 8935841
Conc: 28.13 ng/ml



#37 AR-1262-2

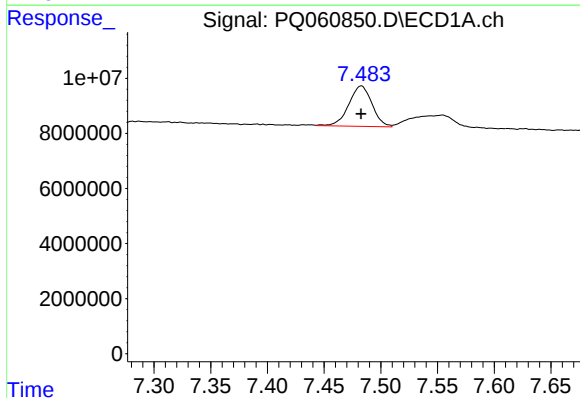
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 31568591
Conc: 40.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



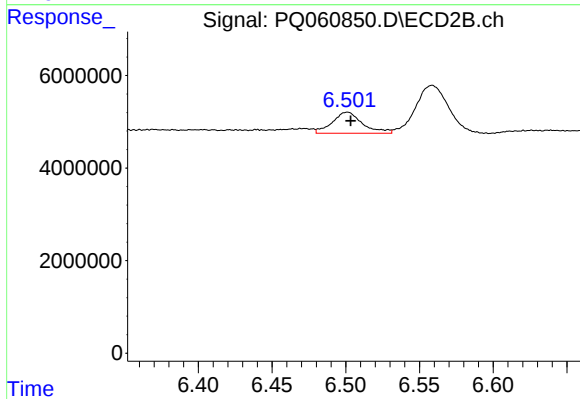
#37 AR-1262-2

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 18867969
Conc: 32.37 ng/ml



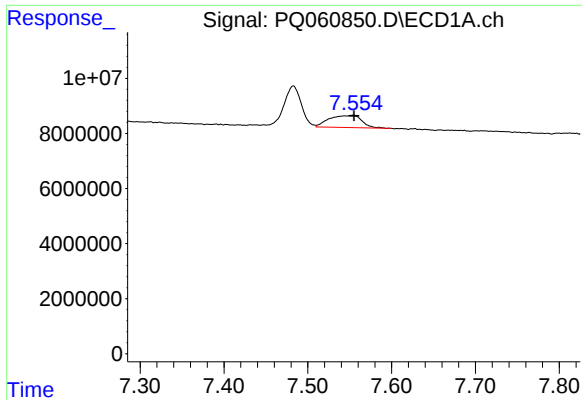
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 20988772
Conc: 39.88 ng/ml



#38 AR-1262-3

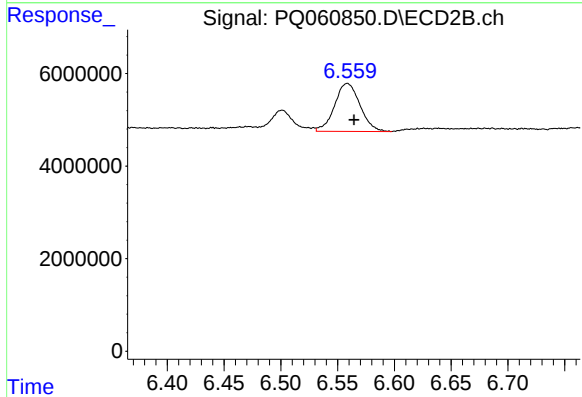
R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 6516221
Conc: 27.40 ng/ml



#39 AR-1262-4

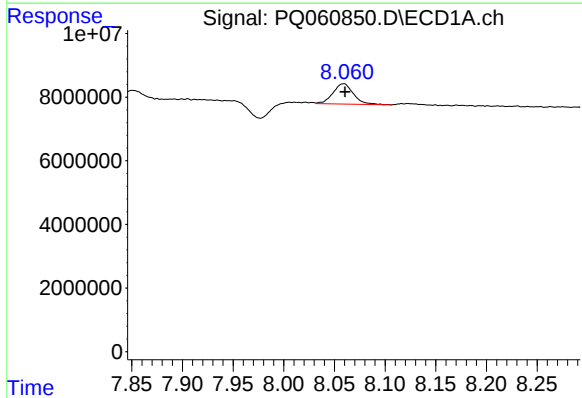
R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 11890701
Conc: 28.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



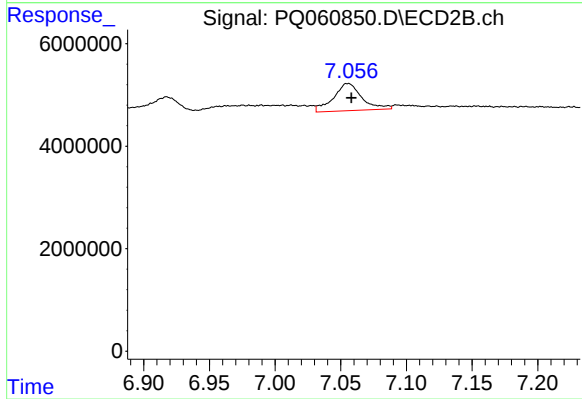
#39 AR-1262-4

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 16190688
Conc: 36.61 ng/ml



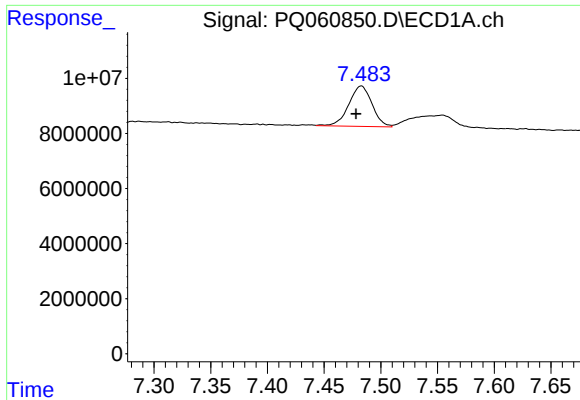
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: -0.001 min
Response: 8986339
Conc: 33.22 ng/ml



#40 AR-1262-5

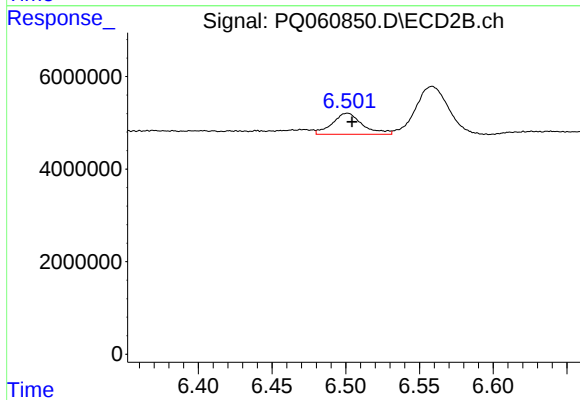
R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 8014048
Conc: 37.89 ng/ml



#41 AR-1268-1

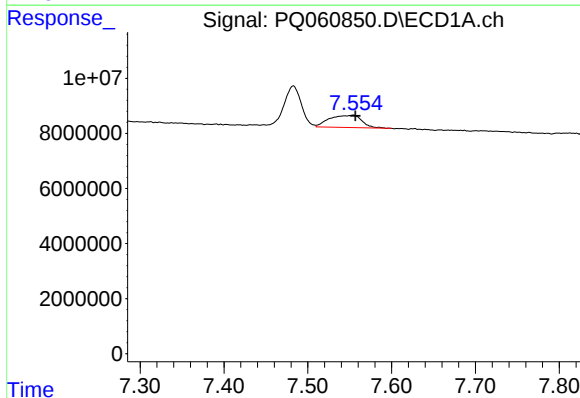
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 20988772
Conc: 24.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



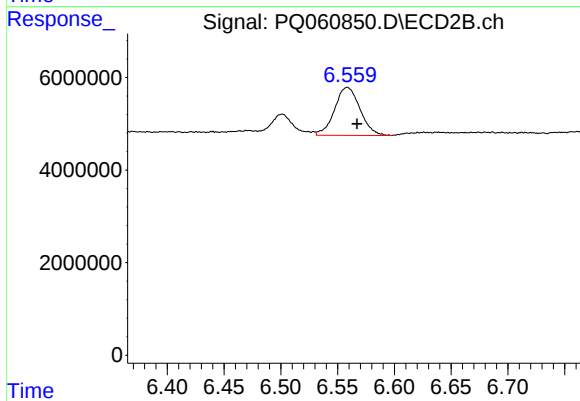
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 6516221
Conc: 9.69 ng/ml



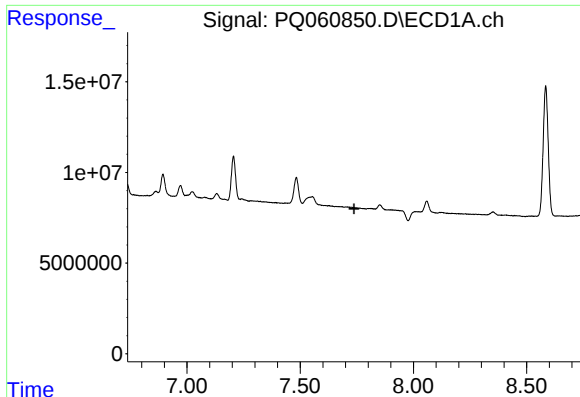
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.003 min
Response: 11890701
Conc: 15.00 ng/ml



#42 AR-1268-2

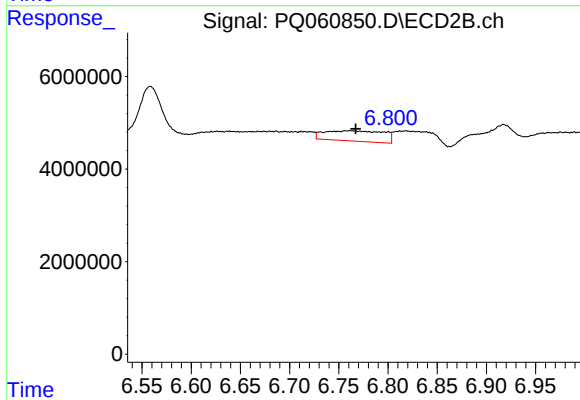
R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 16190688
Conc: 26.19 ng/ml



#43 AR-1268-3

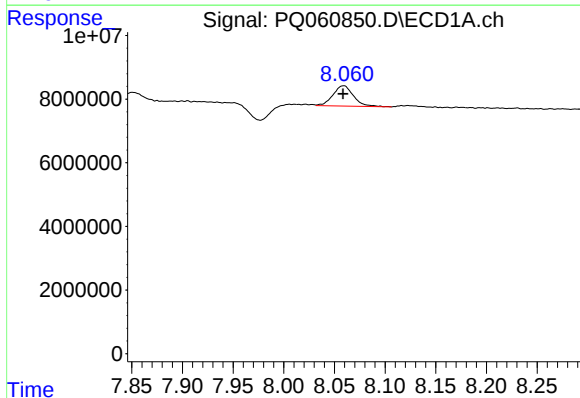
R.T.: 0.000 min
Exp R.T.: 7.737 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



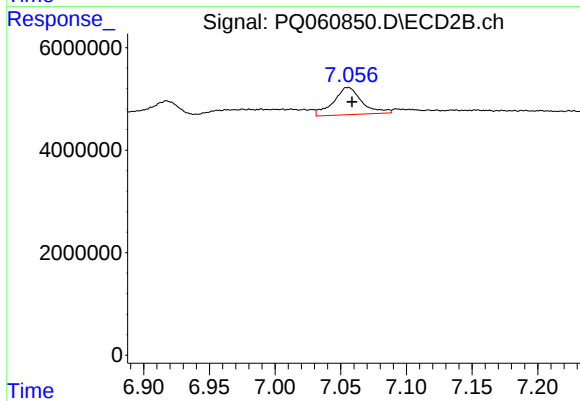
#43 AR-1268-3

R.T.: 6.762 min
Delta R.T.: -0.005 min
Response: 9390107
Conc: 17.33 ng/ml



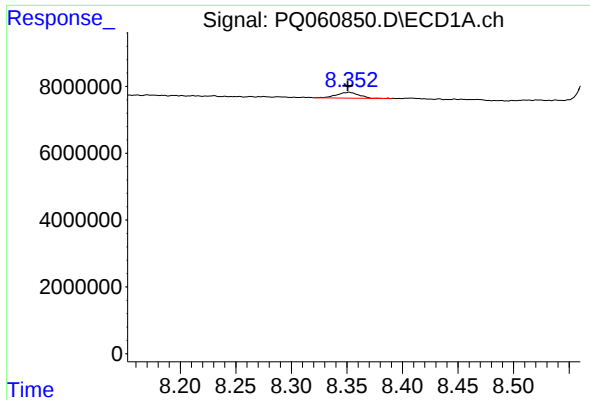
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 8986339
Conc: 30.47 ng/ml



#44 AR-1268-4

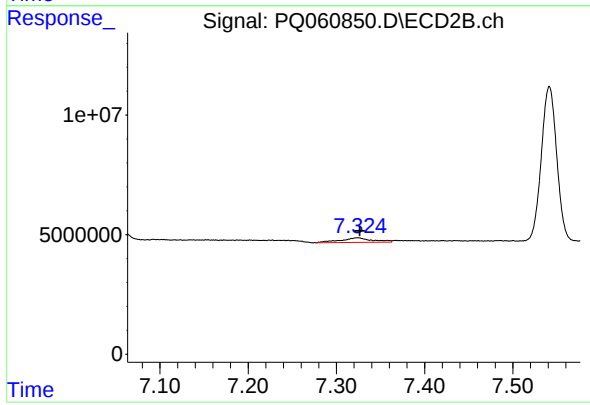
R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 8014048
Conc: 34.37 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.001 min
Response: 2452836
Conc: 1.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.324 min
Delta R.T.: -0.002 min
Response: 4866485
Conc: 2.78 ng/ml