

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061923\
 Data File : PQ061512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 22:03
 Operator : YP\AJ
 Sample : 03296-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 03:19:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.405	2.760	103.1E6	65723998	22.935	24.612
2)	SA Decachlor...	8.583	7.531	79718227	77406633	23.665	23.062
Target Compounds							
3)	L1 AR-1016-1	4.507	3.764	-3430605	3252465	N.D.	31.534 #
4)	L1 AR-1016-2	4.525	3.777	851838	3738725	3.733	25.095 #
5)	L1 AR-1016-3	4.586	3.939	880111	1657076	6.194	20.969 #
6)	L1 AR-1016-4	4.670	3.986	2820254	1423270	24.495	20.044
7)	L1 AR-1016-5	4.962	4.181	2947597	7274833	25.504	84.973 #
8)	L2 AR-1221-1	3.588	2.958	2225027	857297	39.654	24.077 #
9)	L2 AR-1221-2	3.682	3.028	1754520	1745817	41.576	63.387 #
10)	L2 AR-1221-3	3.751	3.106	621596	609746	4.742	7.195 #
11)	L3 AR-1232-1	3.751	3.106	621596	609746	6.503	9.901 #
12)	L3 AR-1232-2	4.244	3.777	4527069	3738725	82.407	54.265 #
13)	L3 AR-1232-3	4.525	3.939	851838	1657076	8.155	45.826 #
14)	L3 AR-1232-4	4.670	4.024	2820254	3290383	53.155	102.088 #
15)	L3 AR-1232-5	4.748	4.181	2881385	7274833	76.404	189.823 #
16)	L4 AR-1242-1	4.507	3.764	-3430605	3252465	N.D.	42.466 #
17)	L4 AR-1242-2	4.525	3.777	851838	3738725	5.017	33.736 #
18)	L4 AR-1242-3	4.586	3.939	880111	1657076	8.227	27.999 #
19)	L4 AR-1242-4	4.670	4.024	2820254	3290383	32.495	54.945 #
20)	L4 AR-1242-5	5.391	4.517	4846875	20004822	54.651	249.842 #
21)	L5 AR-1248-1	4.507	3.764	-3430605	3252465	N.D.	52.261 #
22)	L5 AR-1248-2	4.748	3.986	2881385	1423270	22.666	14.725 #
23)	L5 AR-1248-3	4.962	4.024	2947597	3290383	19.135	35.995 #
24)	L5 AR-1248-4	5.356	4.181	2599761	7274833	15.315	64.248 #
25)	L5 AR-1248-5	5.391	4.557	4846875	13331846	29.585	121.049 #
26)	L6 AR-1254-1	5.328	4.517	9636370	20004822	56.419	121.650 #
27)	L6 AR-1254-2	5.533	4.666	16959519	15874721	63.427	105.546 #
28)	L6 AR-1254-3	5.898	5.048	28562980	21668316	102.214	93.118
29)	L6 AR-1254-4	6.182	5.274	5380851	4866935	26.289	33.876 #
30)	L6 AR-1254-5	6.595	5.681	22502513	37895575	95.397	166.128 #
31)	L7 AR-1260-1	6.063	5.177	11424517	15607378	51.422	90.736 #
32)	L7 AR-1260-2	6.316	5.368	33668005	17098772	126.551	82.510 #
33)	L7 AR-1260-3	6.675	5.504	7692815	11395333	45.750	57.374 #
34)	L7 AR-1260-4	6.893	5.970	6853543	7140516	34.149	48.540 #
35)	L7 AR-1260-5	7.205	6.216	20572514	13885951	54.054	42.764
36)	L8 AR-1262-1	6.675	5.723	7692815	8163656	25.694	33.686 #
37)	L8 AR-1262-2	7.205	6.216	20572514	13885951	40.804	31.772
38)	L8 AR-1262-3	7.482	6.496	11831808	4226634	35.011	23.453 #
39)	L8 AR-1262-4	7.554	6.551	8906008	14548760	34.679	43.871 #
40)	L8 AR-1262-5	8.058	7.047	4571912	3911735	26.845	24.384
41)	L9 AR-1268-1	7.482	6.496	11831808	4226634	21.483	8.603 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ061923\
 Data File : PQ061512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 22:03
 Operator : YP\AJ
 Sample : 03296-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

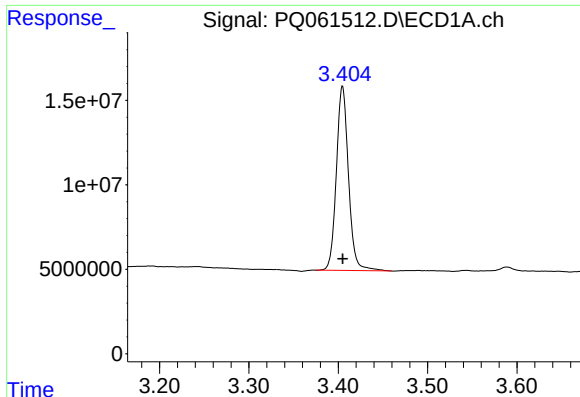
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 03:19:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	7.554	6.551	8906008	14548760	18.075	32.702 #
43) L9	AR-1268-3	7.736	6.755	7699227	3465017	18.672	8.851 #
44) L9	AR-1268-4	8.058	7.047	4571912	3911735	25.829	23.301
45) L9	AR-1268-5	8.349	7.316	4172242	5741551	3.510	4.630 #

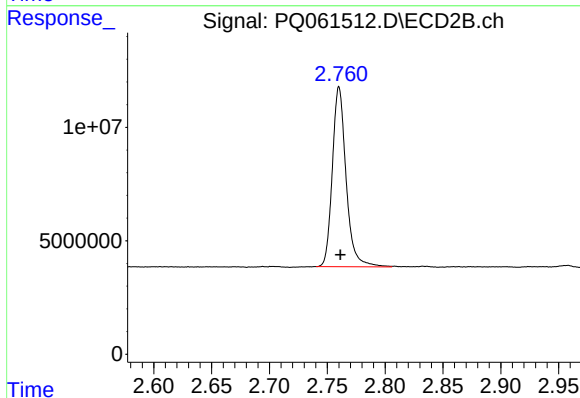
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

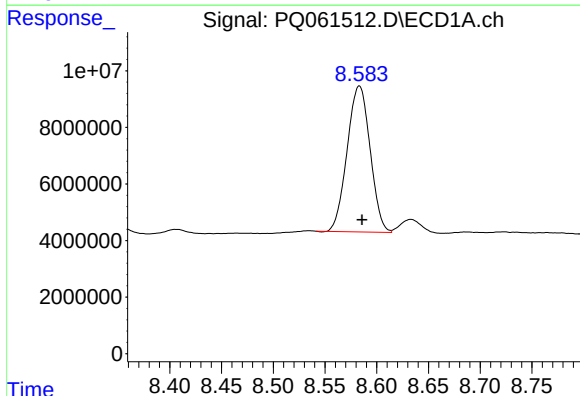
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 103093188
Conc: 22.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



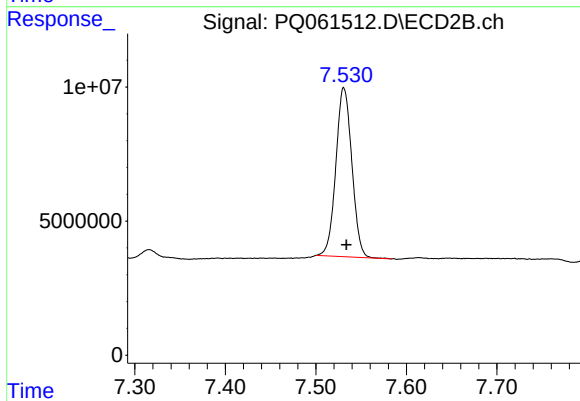
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 65723998
Conc: 24.61 ng/ml



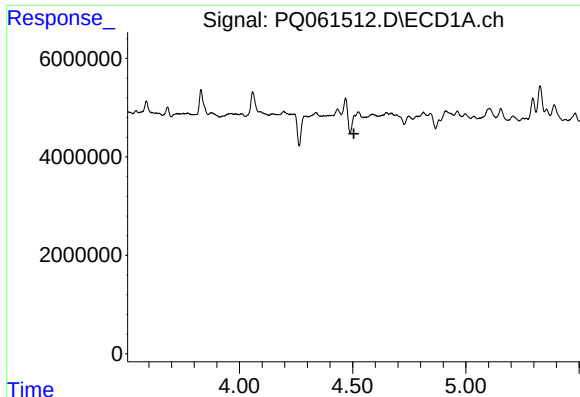
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: -0.003 min
Response: 79718227
Conc: 23.66 ng/ml



#2 Decachlorobiphenyl

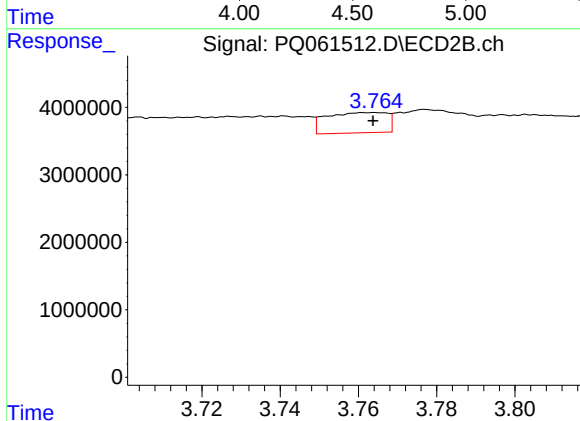
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 77406633
Conc: 23.06 ng/ml



#3 AR-1016-1

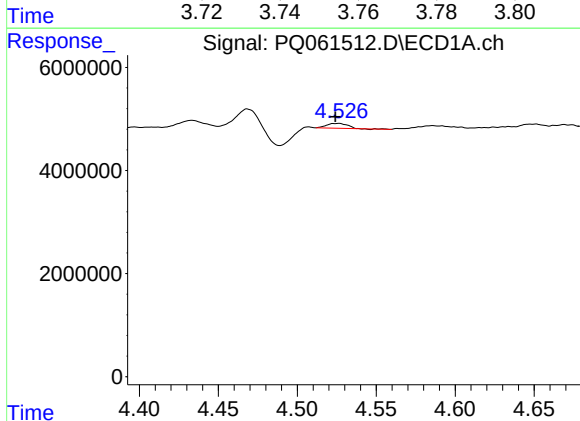
R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -3430605
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



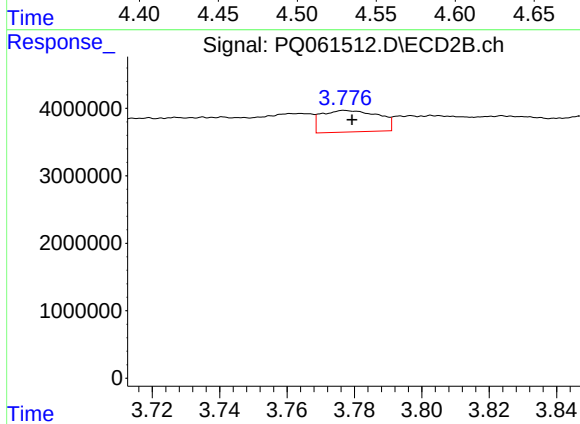
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 3252465
Conc: 31.53 ng/ml



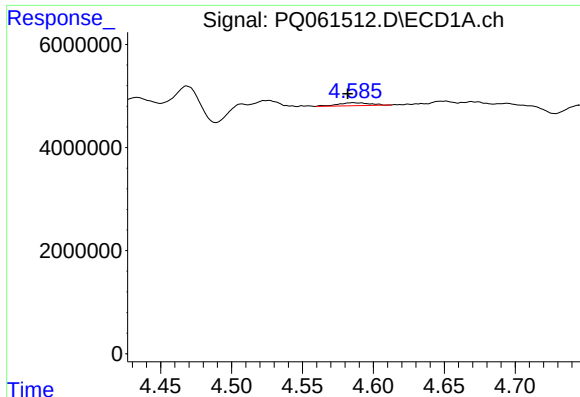
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.001 min
Response: 851838
Conc: 3.73 ng/ml



#4 AR-1016-2

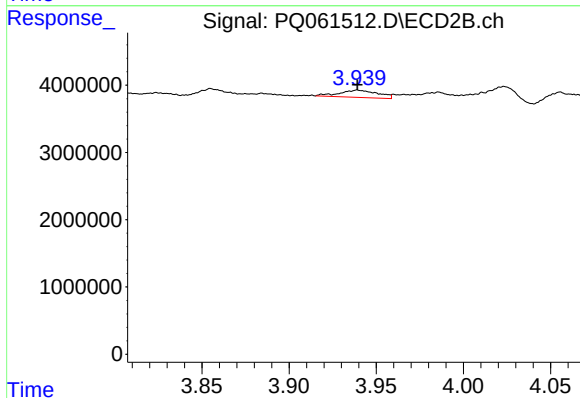
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 3738725
Conc: 25.09 ng/ml



#5 AR-1016-3

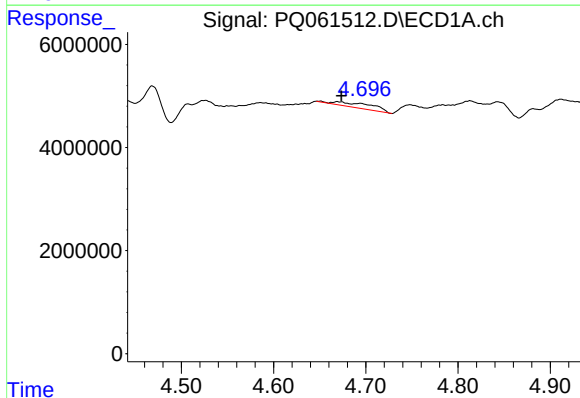
R.T.: 4.586 min
Delta R.T.: 0.004 min
Response: 880111
Conc: 6.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



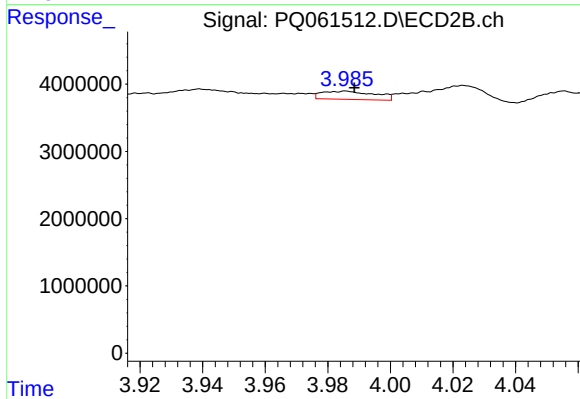
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 1657076
Conc: 20.97 ng/ml



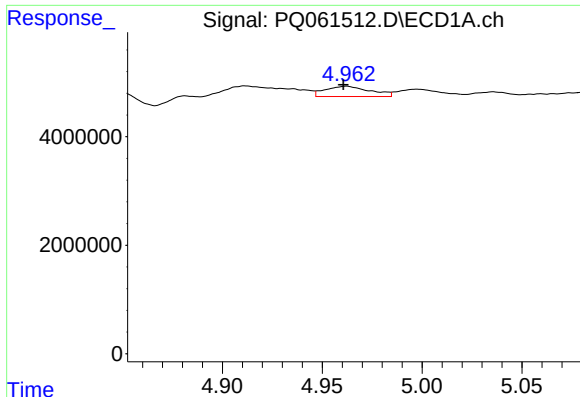
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2820254
Conc: 24.49 ng/ml



#6 AR-1016-4

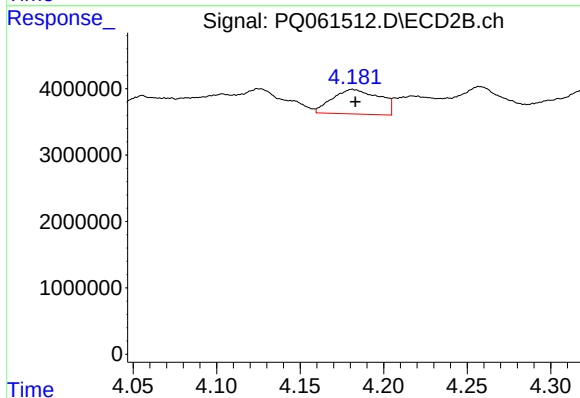
R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 1423270
Conc: 20.04 ng/ml



#7 AR-1016-5

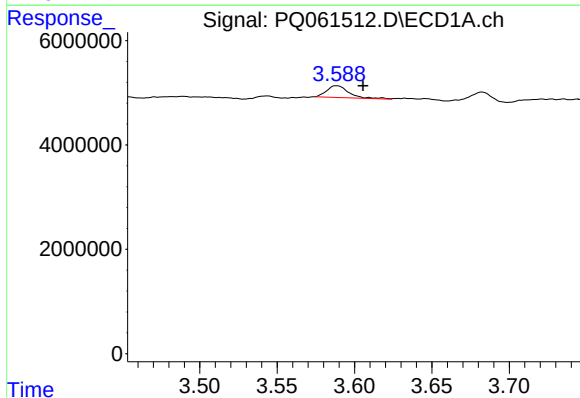
R.T.: 4.962 min
Delta R.T.: 0.001 min
Response: 2947597
Conc: 25.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



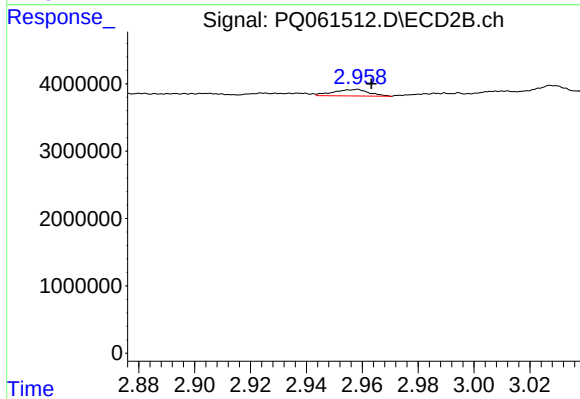
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 7274833
Conc: 84.97 ng/ml



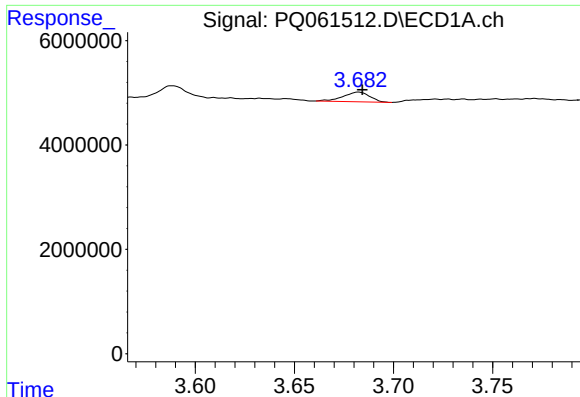
#8 AR-1221-1

R.T.: 3.588 min
Delta R.T.: -0.017 min
Response: 2225027
Conc: 39.65 ng/ml



#8 AR-1221-1

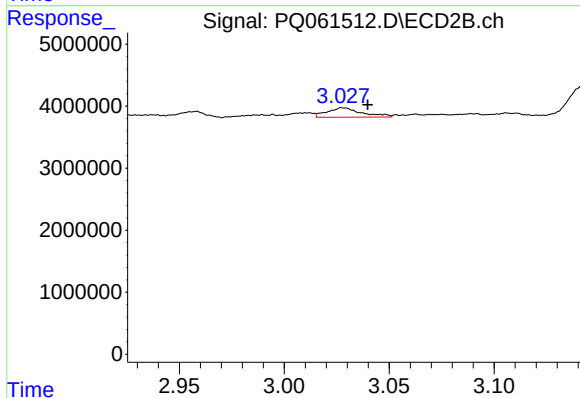
R.T.: 2.958 min
Delta R.T.: -0.005 min
Response: 857297
Conc: 24.08 ng/ml



#9 AR-1221-2

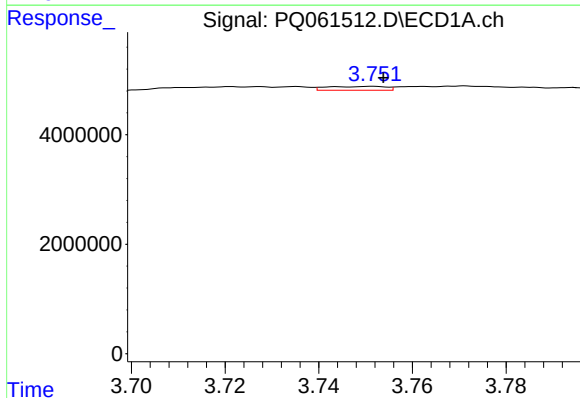
R.T.: 3.682 min
Delta R.T.: -0.002 min
Response: 1754520
Conc: 41.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



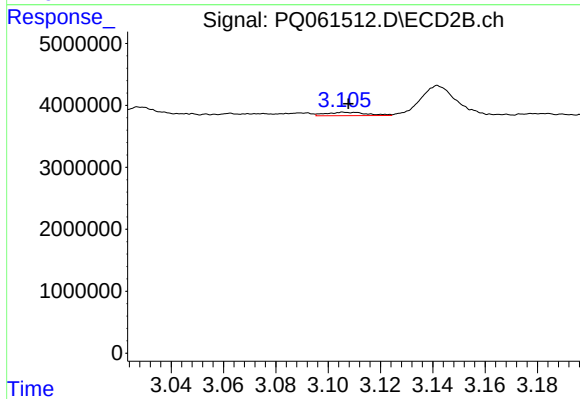
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.012 min
Response: 1745817
Conc: 63.39 ng/ml



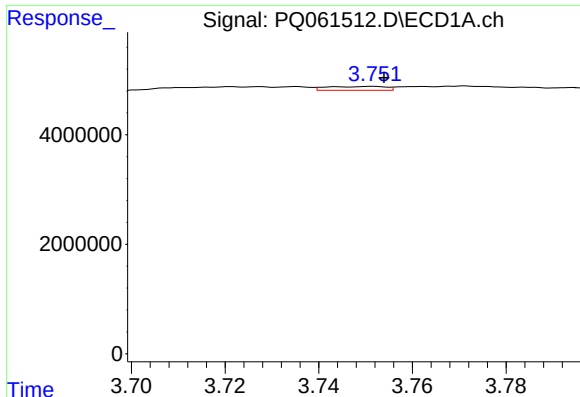
#10 AR-1221-3

R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 621596
Conc: 4.74 ng/ml



#10 AR-1221-3

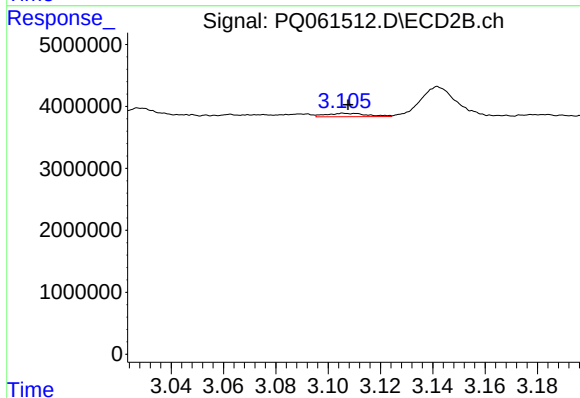
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 609746
Conc: 7.20 ng/ml



#11 AR-1232-1

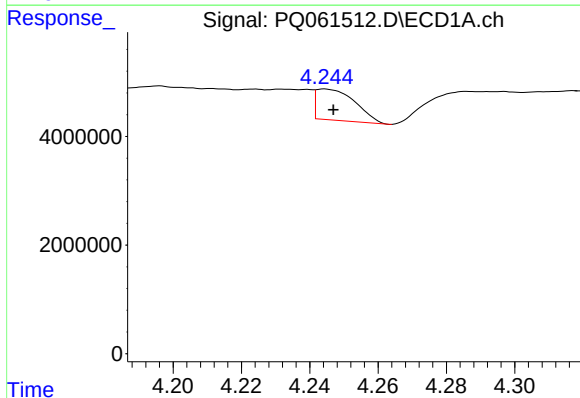
R.T.: 3.751 min
Delta R.T.: -0.002 min
Response: 621596
Conc: 6.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



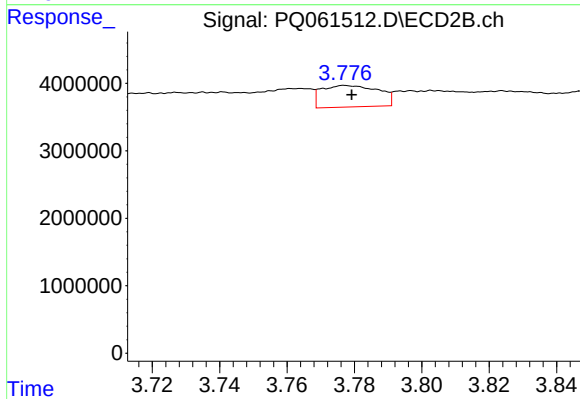
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 609746
Conc: 9.90 ng/ml



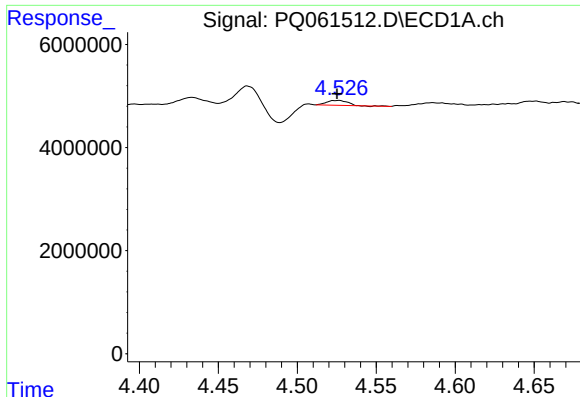
#12 AR-1232-2

R.T.: 4.244 min
Delta R.T.: -0.003 min
Response: 4527069
Conc: 82.41 ng/ml



#12 AR-1232-2

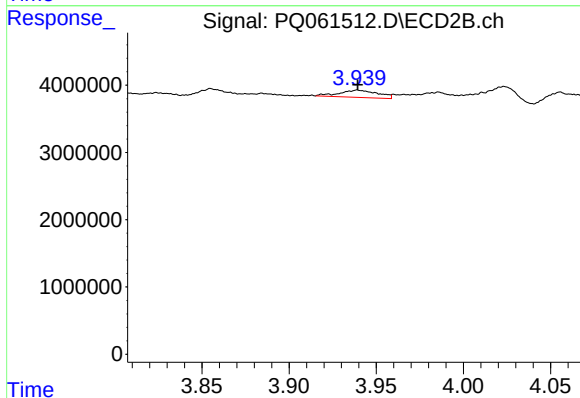
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 3738725
Conc: 54.26 ng/ml



#13 AR-1232-3

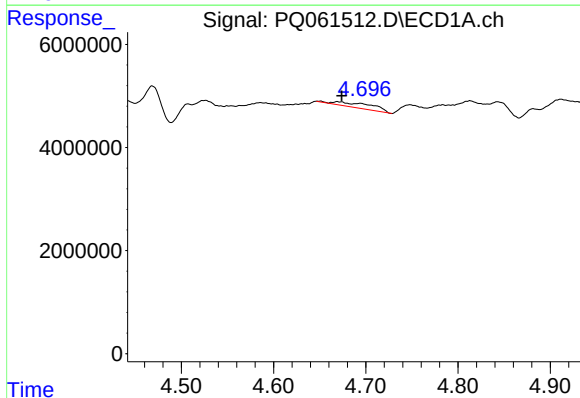
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 851838
Conc: 8.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



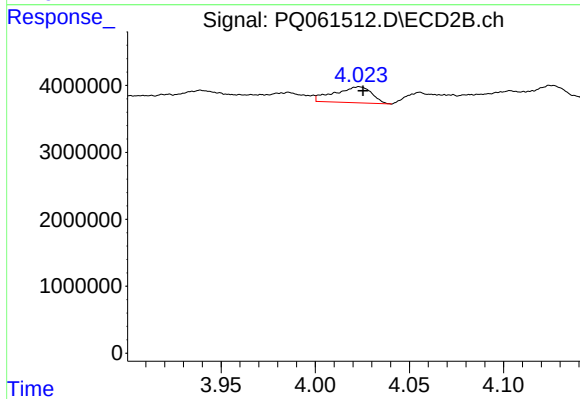
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 1657076
Conc: 45.83 ng/ml



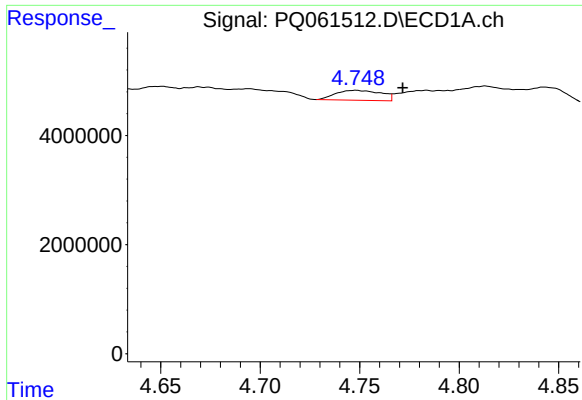
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 2820254
Conc: 53.15 ng/ml



#14 AR-1232-4

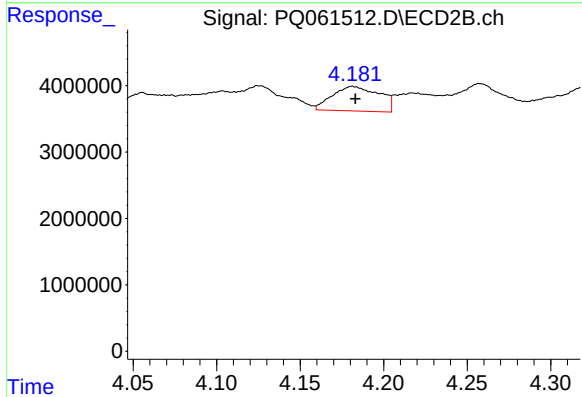
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 3290383
Conc: 102.09 ng/ml



#15 AR-1232-5

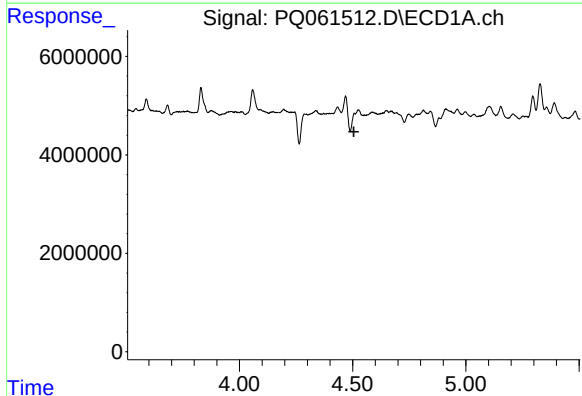
R.T.: 4.748 min
Delta R.T.: -0.023 min
Response: 2881385
Conc: 76.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



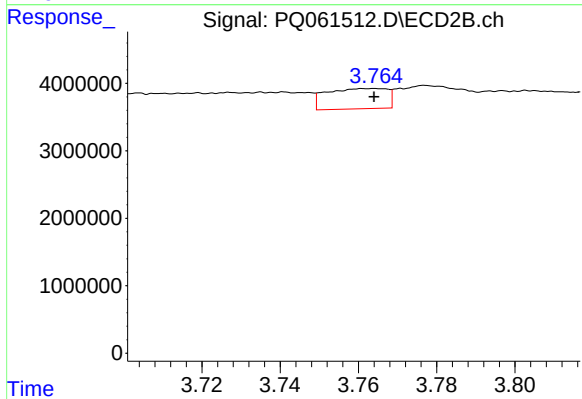
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 7274833
Conc: 189.82 ng/ml



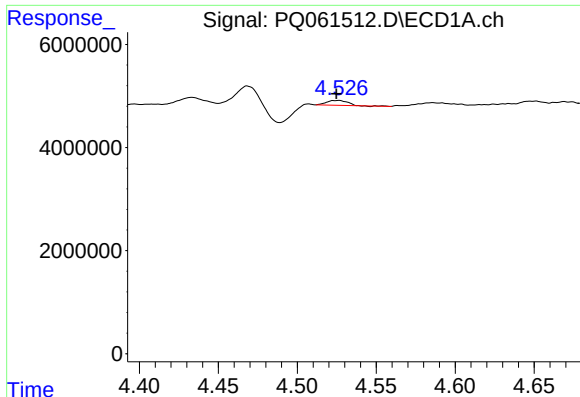
#16 AR-1242-1

R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -3430605
Conc: N.D.



#16 AR-1242-1

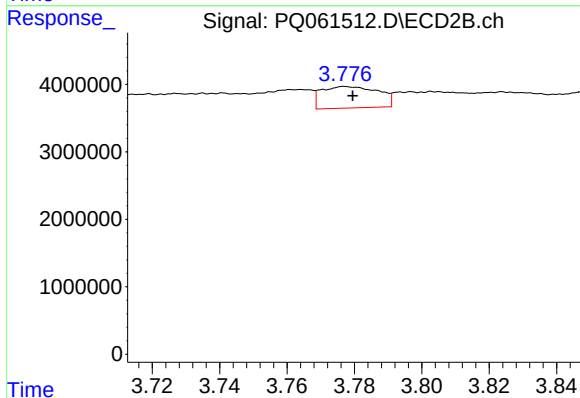
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 3252465
Conc: 42.47 ng/ml



#17 AR-1242-2

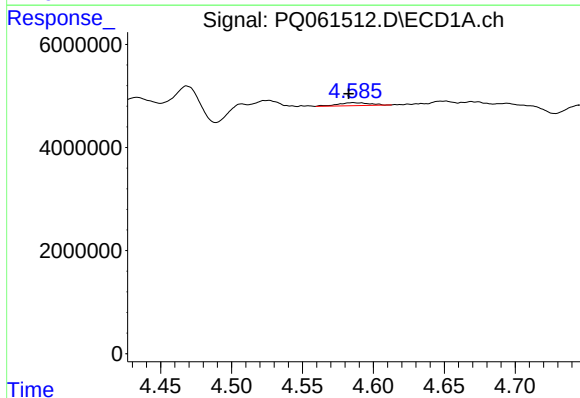
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 851838
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



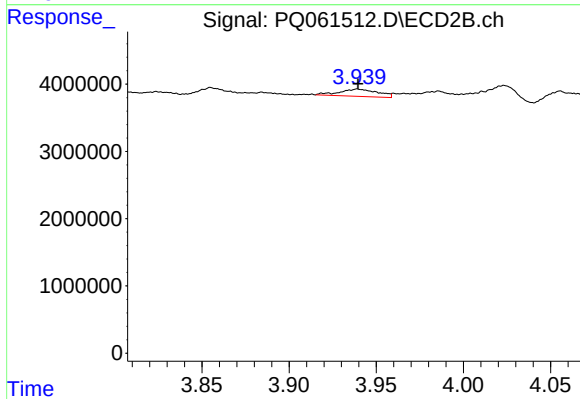
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 3738725
Conc: 33.74 ng/ml



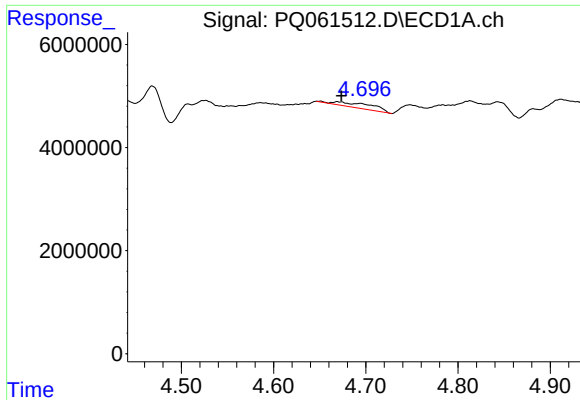
#18 AR-1242-3

R.T.: 4.586 min
Delta R.T.: 0.004 min
Response: 880111
Conc: 8.23 ng/ml



#18 AR-1242-3

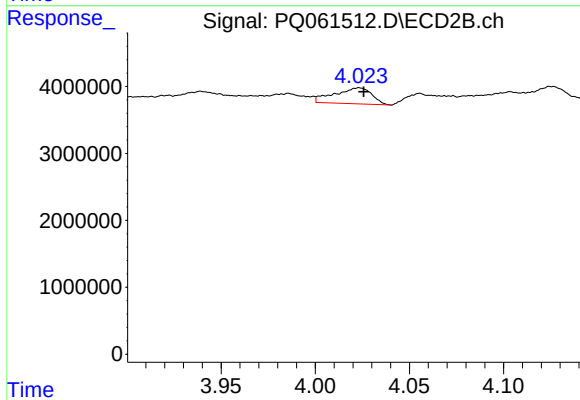
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 1657076
Conc: 28.00 ng/ml



#19 AR-1242-4

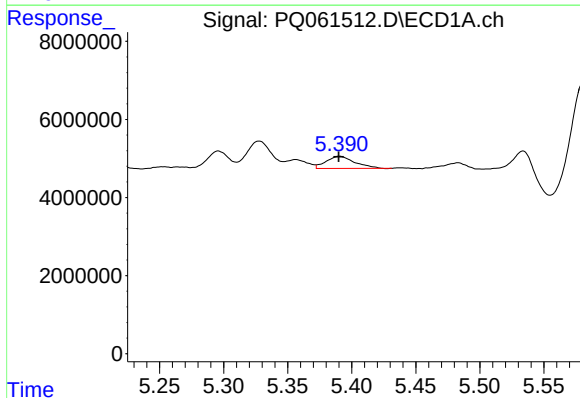
R.T.: 4.670 min
Delta R.T.: -0.004 min
Response: 2820254
Conc: 32.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



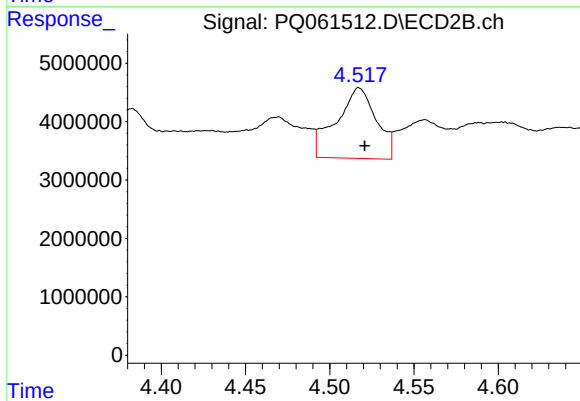
#19 AR-1242-4

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 3290383
Conc: 54.94 ng/ml



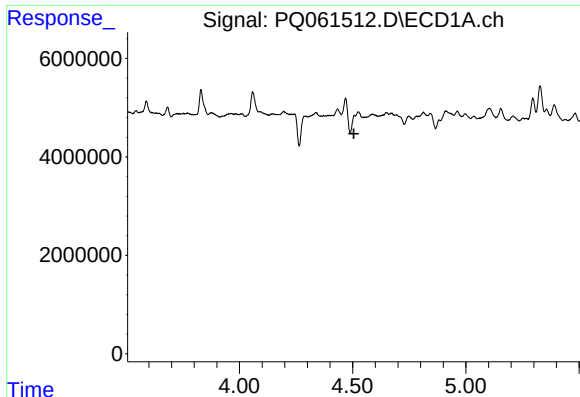
#20 AR-1242-5

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 4846875
Conc: 54.65 ng/ml



#20 AR-1242-5

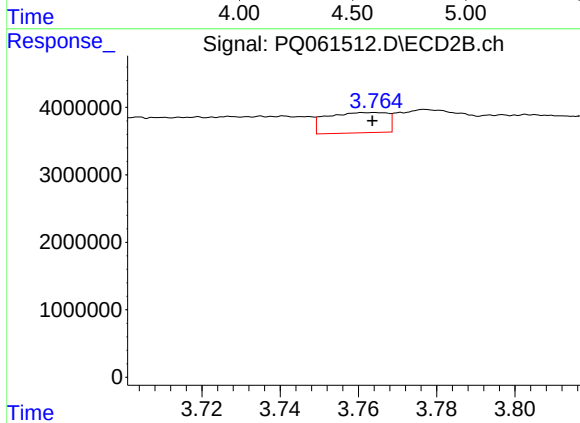
R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 20004822
Conc: 249.84 ng/ml



#21 AR-1248-1

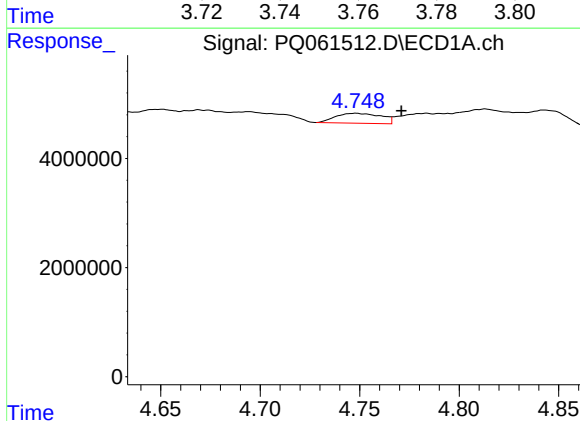
R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: -3430605
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



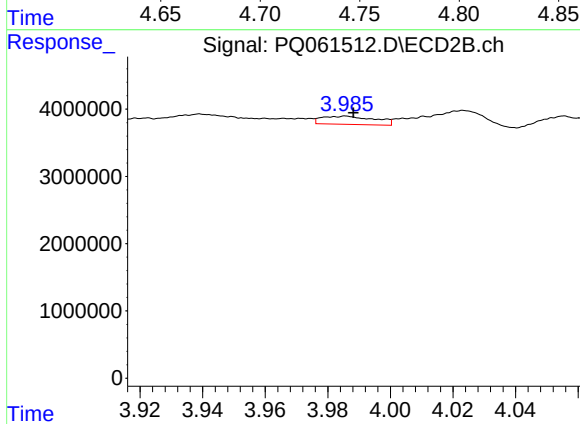
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 3252465
Conc: 52.26 ng/ml



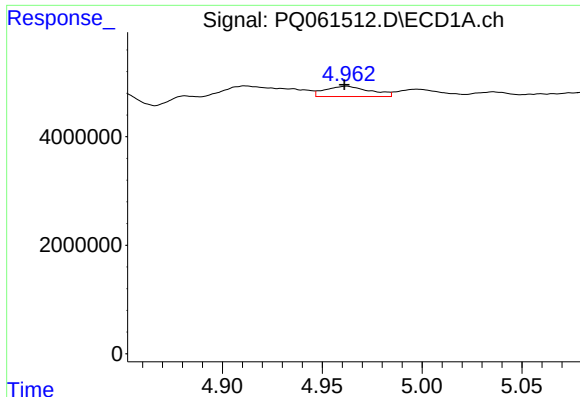
#22 AR-1248-2

R.T.: 4.748 min
Delta R.T.: -0.023 min
Response: 2881385
Conc: 22.67 ng/ml



#22 AR-1248-2

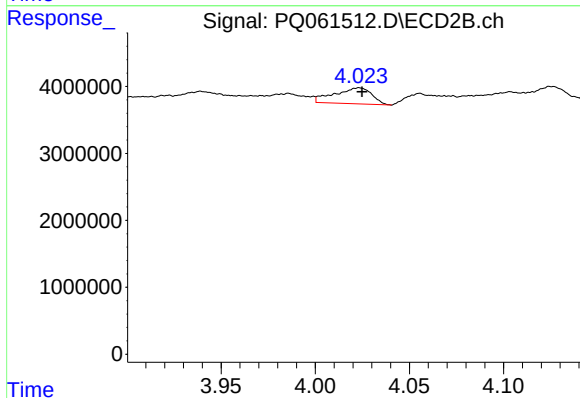
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 1423270
Conc: 14.73 ng/ml



#23 AR-1248-3

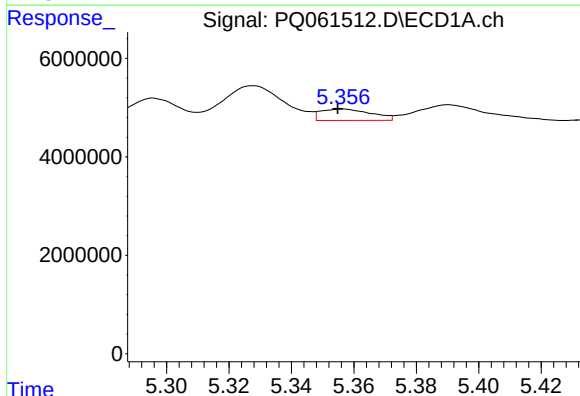
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 2947597
Conc: 19.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



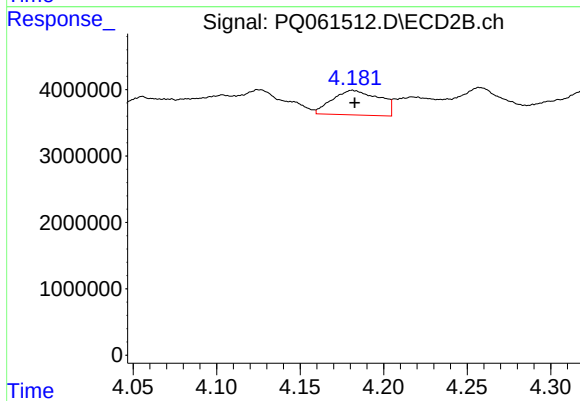
#23 AR-1248-3

R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 3290383
Conc: 35.99 ng/ml



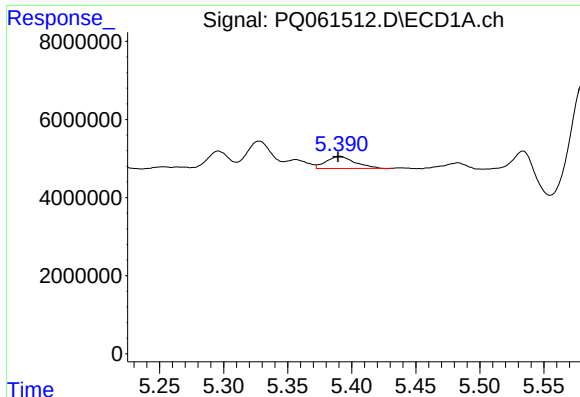
#24 AR-1248-4

R.T.: 5.356 min
Delta R.T.: 0.001 min
Response: 2599761
Conc: 15.32 ng/ml



#24 AR-1248-4

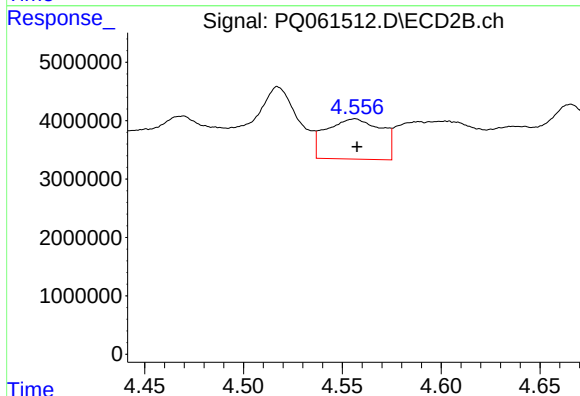
R.T.: 4.181 min
Delta R.T.: -0.001 min
Response: 7274833
Conc: 64.25 ng/ml



#25 AR-1248-5

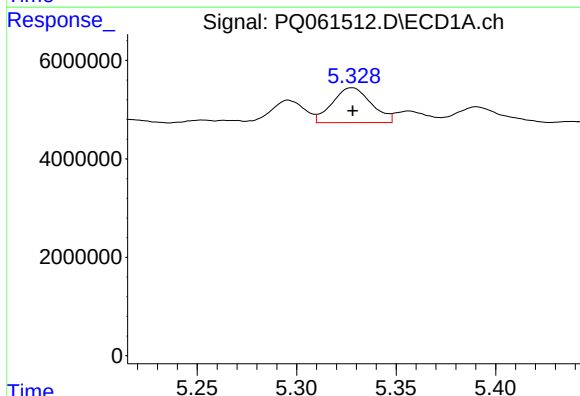
R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 4846875
Conc: 29.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



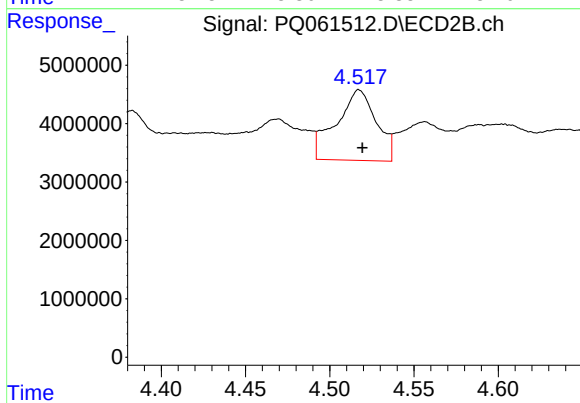
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 13331846
Conc: 121.05 ng/ml



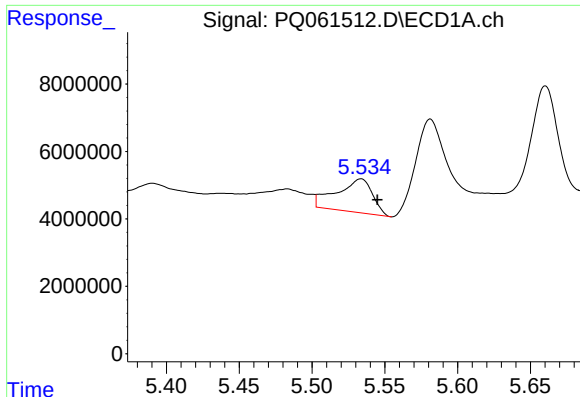
#26 AR-1254-1

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 9636370
Conc: 56.42 ng/ml



#26 AR-1254-1

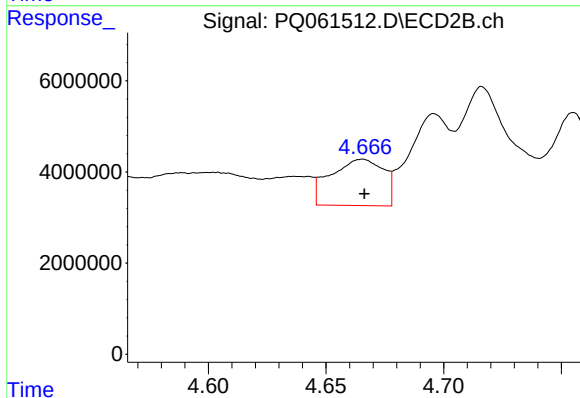
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 20004822
Conc: 121.65 ng/ml



#27 AR-1254-2

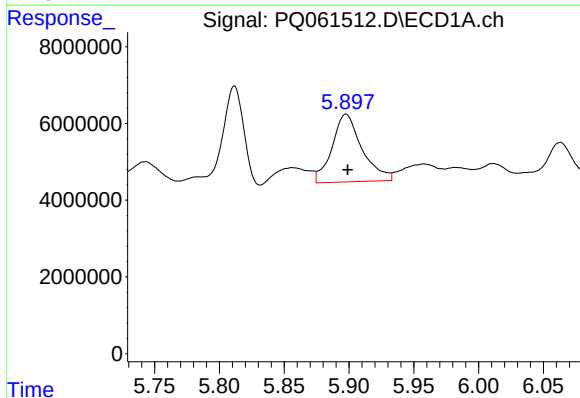
R.T.: 5.533 min
Delta R.T.: -0.012 min
Response: 16959519
Conc: 63.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



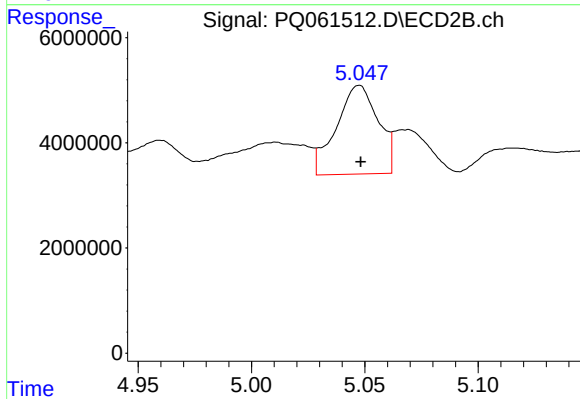
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 15874721
Conc: 105.55 ng/ml



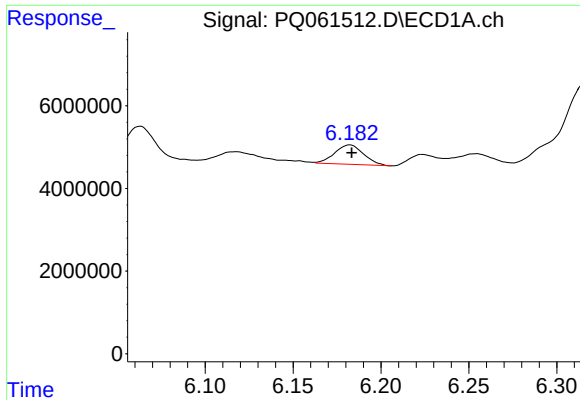
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 28562980
Conc: 102.21 ng/ml



#28 AR-1254-3

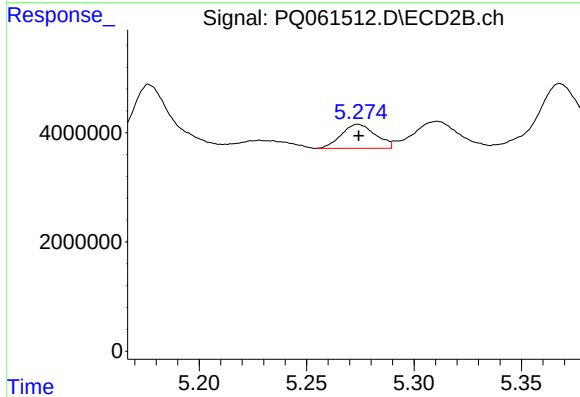
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 21668316
Conc: 93.12 ng/ml



#29 AR-1254-4

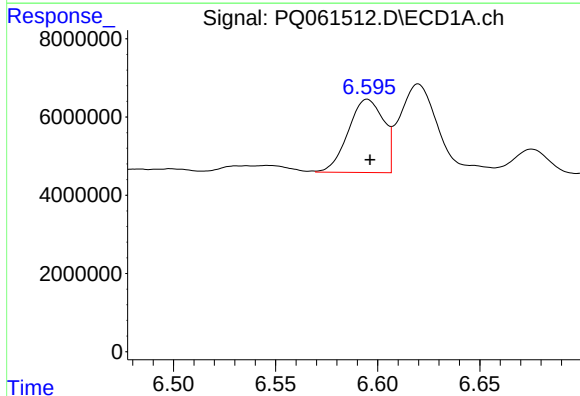
R.T.: 6.182 min
Delta R.T.: -0.001 min
Response: 5380851
Conc: 26.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



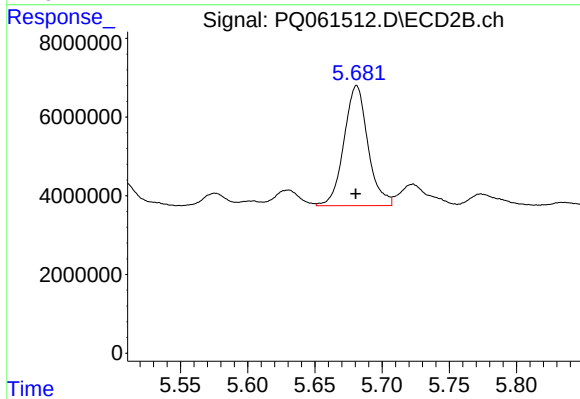
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 4866935
Conc: 33.88 ng/ml



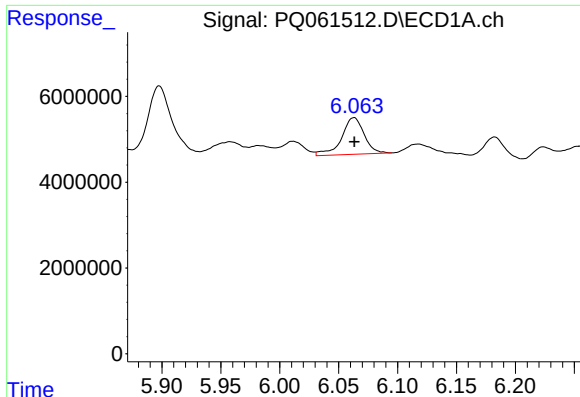
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 22502513
Conc: 95.40 ng/ml



#30 AR-1254-5

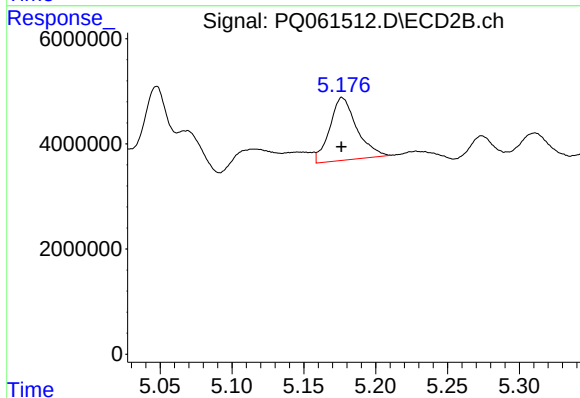
R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 37895575
Conc: 166.13 ng/ml



#31 AR-1260-1

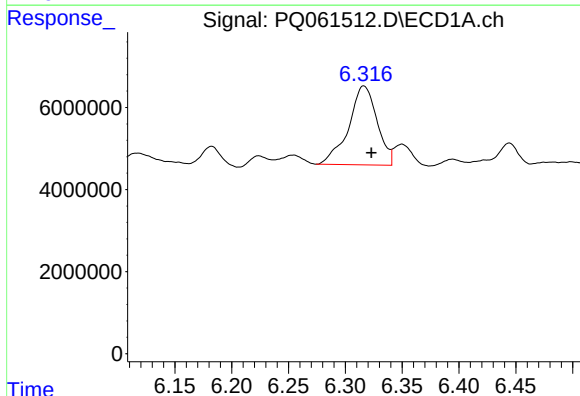
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 11424517
Conc: 51.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



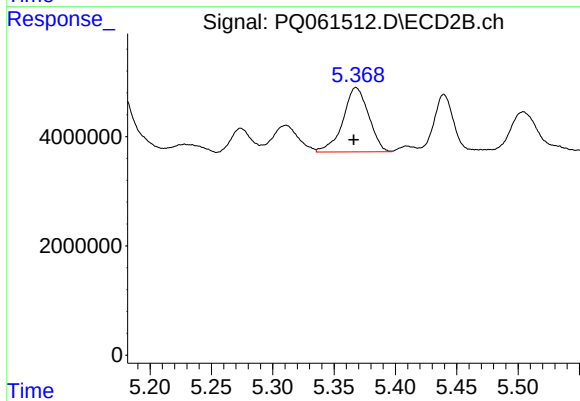
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 15607378
Conc: 90.74 ng/ml



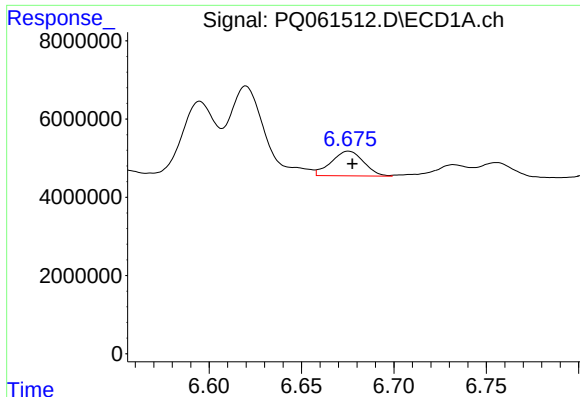
#32 AR-1260-2

R.T.: 6.316 min
Delta R.T.: -0.007 min
Response: 33668005
Conc: 126.55 ng/ml



#32 AR-1260-2

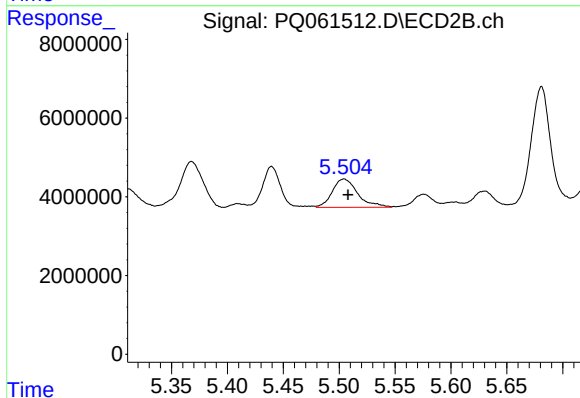
R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 17098772
Conc: 82.51 ng/ml



#33 AR-1260-3

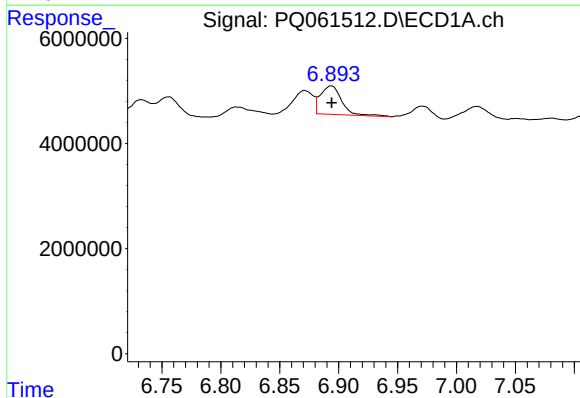
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 7692815
Conc: 45.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



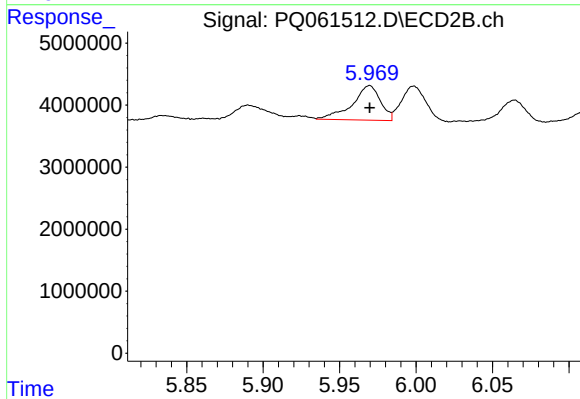
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 11395333
Conc: 57.37 ng/ml



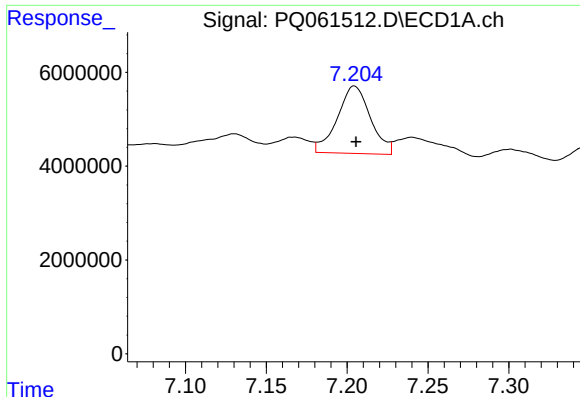
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 6853543
Conc: 34.15 ng/ml



#34 AR-1260-4

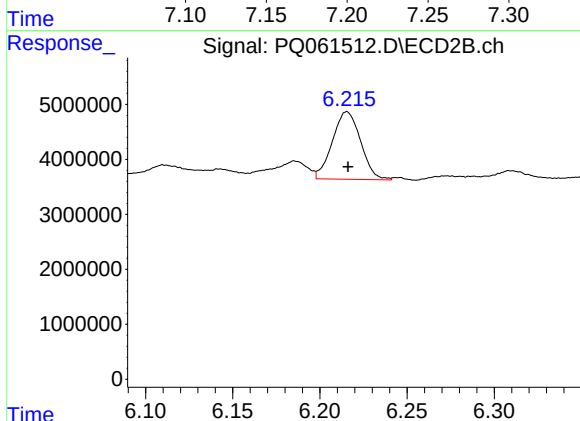
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 7140516
Conc: 48.54 ng/ml



#35 AR-1260-5

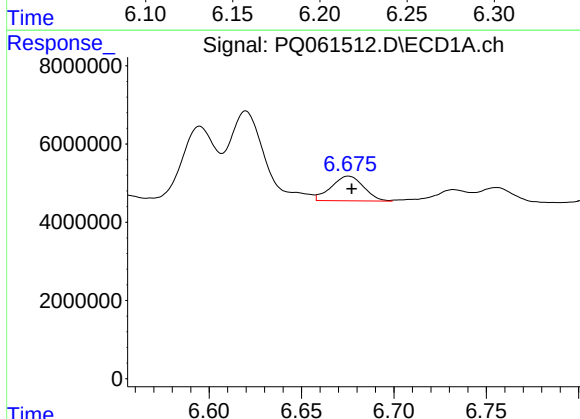
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 20572514
Conc: 54.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



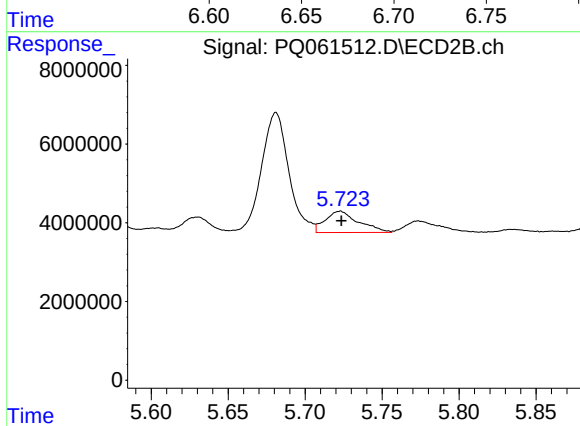
#35 AR-1260-5

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 13885951
Conc: 42.76 ng/ml



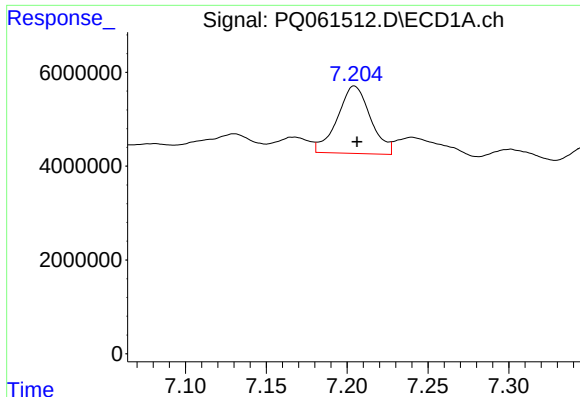
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 7692815
Conc: 25.69 ng/ml



#36 AR-1262-1

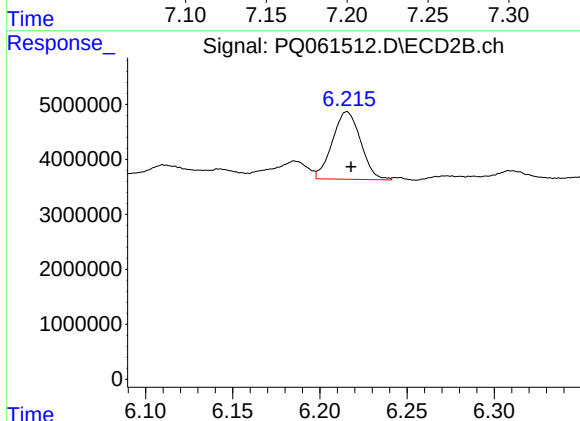
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 8163656
Conc: 33.69 ng/ml



#37 AR-1262-2

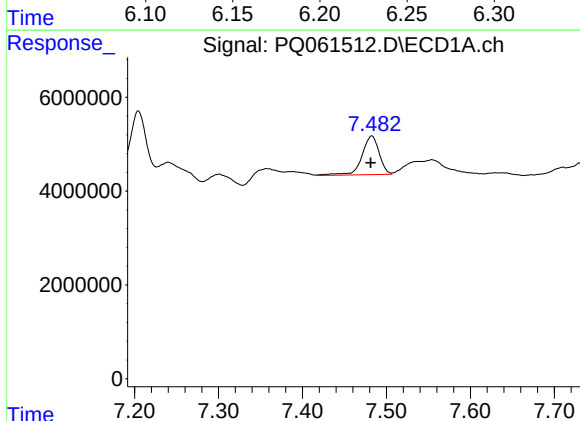
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 20572514
Conc: 40.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



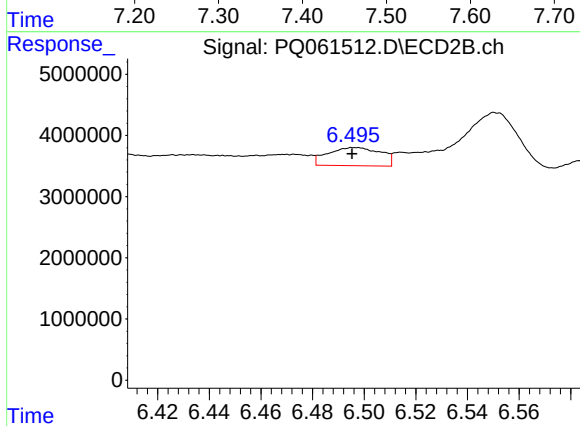
#37 AR-1262-2

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 13885951
Conc: 31.77 ng/ml



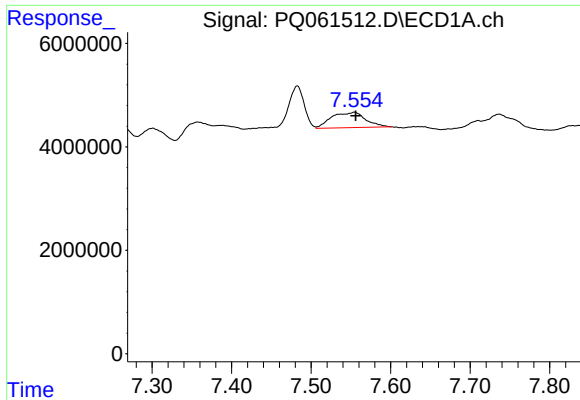
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 11831808
Conc: 35.01 ng/ml



#38 AR-1262-3

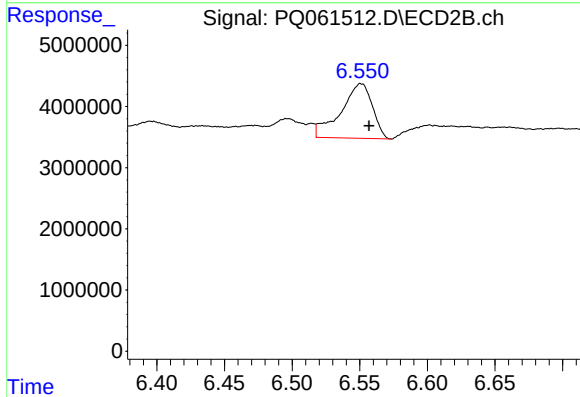
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 4226634
Conc: 23.45 ng/ml



#39 AR-1262-4

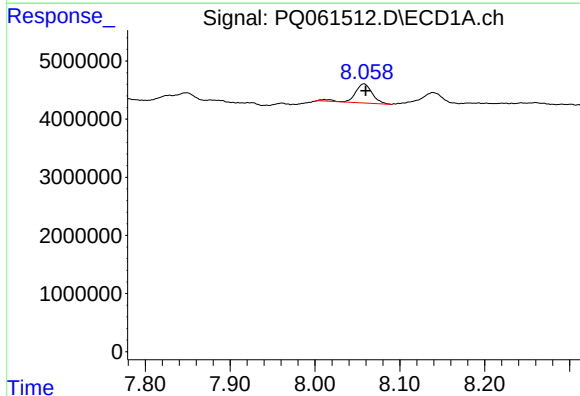
R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 8906008
Conc: 34.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



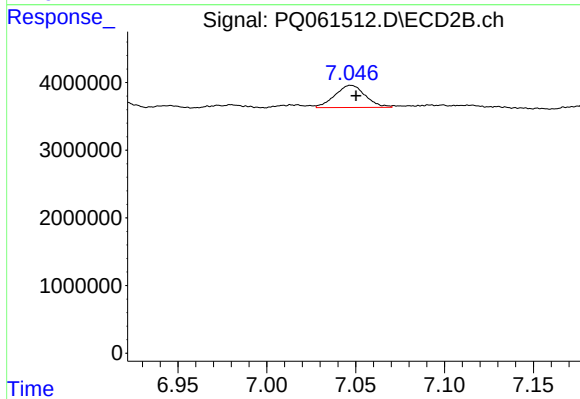
#39 AR-1262-4

R.T.: 6.551 min
Delta R.T.: -0.006 min
Response: 14548760
Conc: 43.87 ng/ml



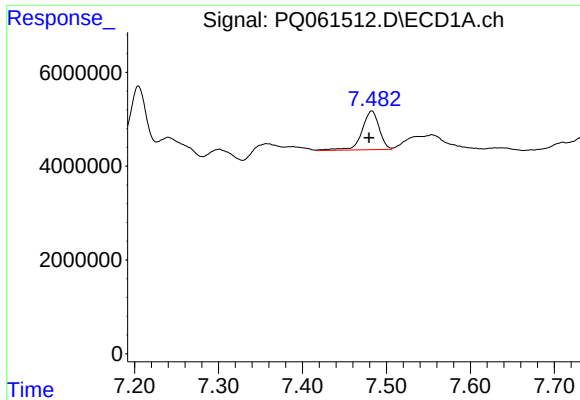
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: -0.002 min
Response: 4571912
Conc: 26.84 ng/ml



#40 AR-1262-5

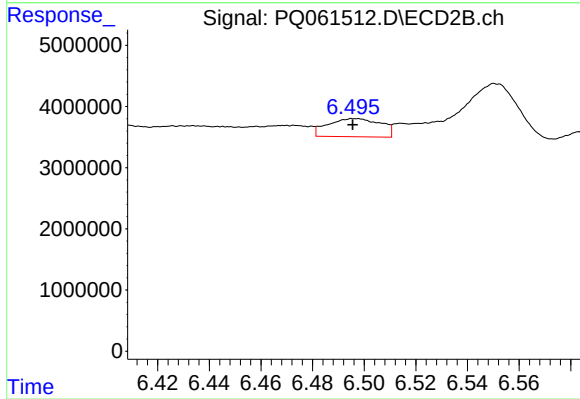
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 3911735
Conc: 24.38 ng/ml



#41 AR-1268-1

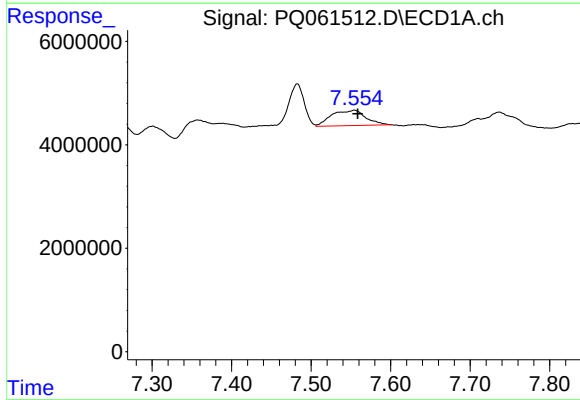
R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 11831808
Conc: 21.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



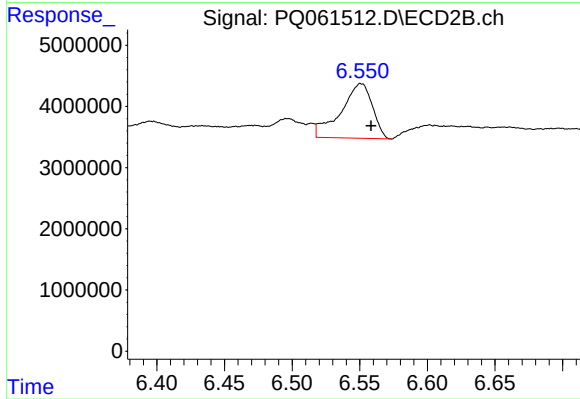
#41 AR-1268-1

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 4226634
Conc: 8.60 ng/ml



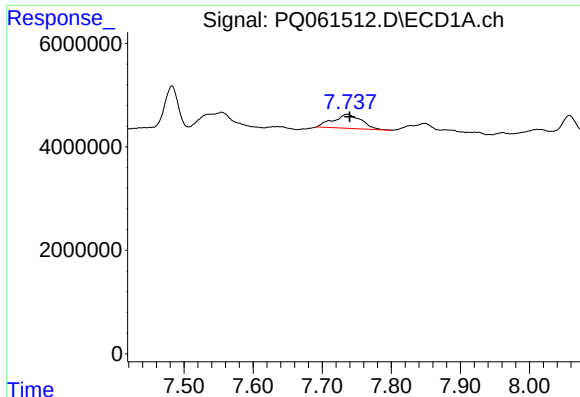
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 8906008
Conc: 18.07 ng/ml



#42 AR-1268-2

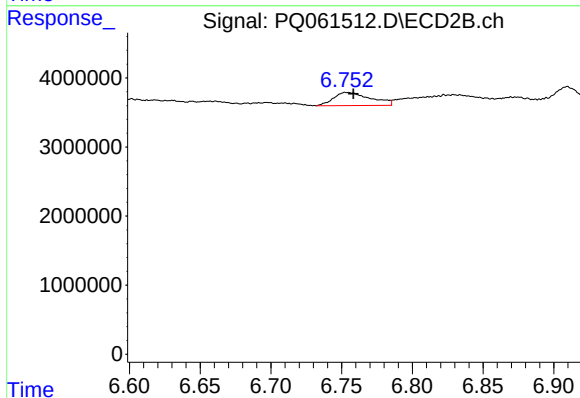
R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 14548760
Conc: 32.70 ng/ml



#43 AR-1268-3

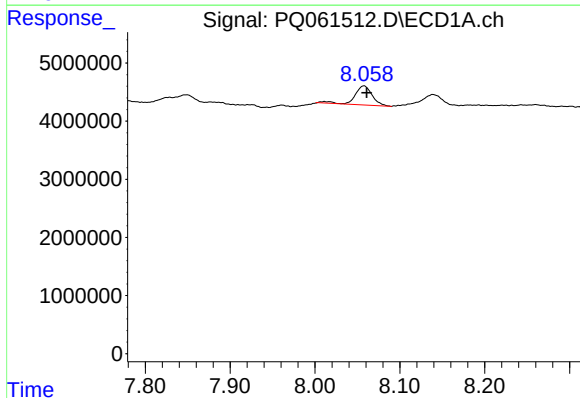
R.T.: 7.736 min
Delta R.T.: -0.004 min
Response: 7699227
Conc: 18.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



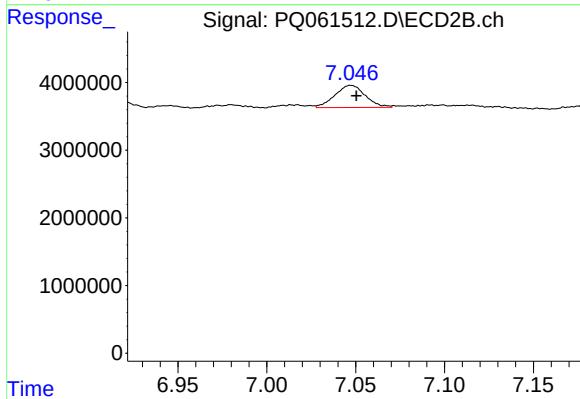
#43 AR-1268-3

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 3465017
Conc: 8.85 ng/ml



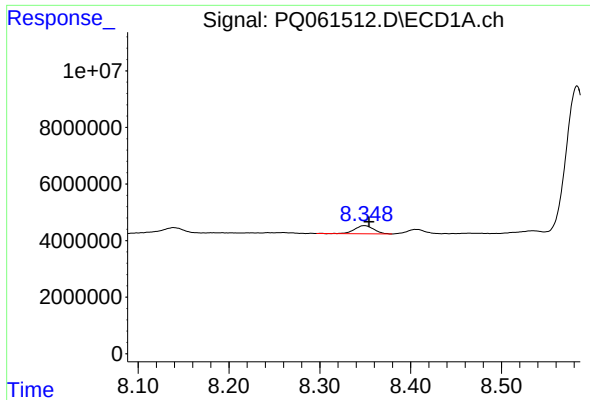
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 4571912
Conc: 25.83 ng/ml



#44 AR-1268-4

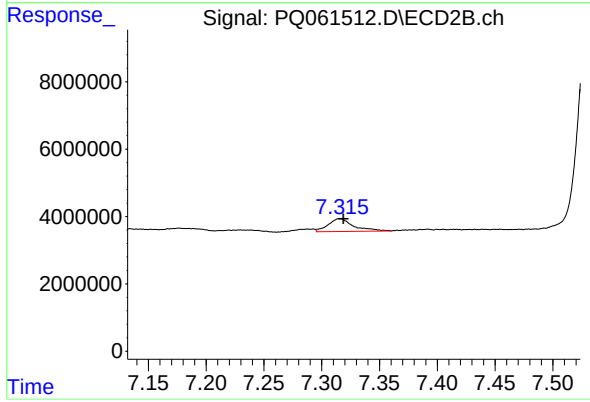
R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 3911735
Conc: 23.30 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.005 min
Response: 4172242
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 5741551
Conc: 4.63 ng/ml