

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
 Data File : PP055811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 17:55
 Operator : YP\AJ
 Sample : 01610-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:57:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.326	3.568	42980023	35953194	26.675	24.622
2)	SA Decachlor...	10.078	8.576	50427532	26596448	24.720	23.443
Target Compounds							
3)	L1 AR-1016-1	5.498	4.670f	1413549	2046656	23.688	45.451 #
4)	L1 AR-1016-2	5.520	4.670	2328832	2046656	26.619	31.514
5)	L1 AR-1016-3	5.584	4.846	491726	567270	8.852	16.323 #
6)	L1 AR-1016-4	5.680	4.889	557528	648579	12.511	21.698 #
7)	L1 AR-1016-5	5.978	5.101	1075684	1035099	22.278	26.183
8)	L2 AR-1221-1	4.534	0.000	462772	0	22.233	N.D. #
9)	L2 AR-1221-2	4.634	3.867	607594	595775	38.197	45.364
10)	L2 AR-1221-3	4.700	3.944	14815	107040	0.305	2.565 #
11)	L3 AR-1232-1	4.700	3.944	14815	107040	0.374	3.109 #
12)	L3 AR-1232-2	5.228	4.670	1177138	2046656	56.671	69.732
13)	L3 AR-1232-3	5.520	4.846	2328832	567270	59.102	37.327 #
14)	L3 AR-1232-4	5.680	4.929	557528	777442	28.460	51.284 #
15)	L3 AR-1232-5	5.774	5.101	983264	1035099	61.480	63.149
16)	L4 AR-1242-1	5.498	4.670f	1413549	2046656	29.274	55.626 #
17)	L4 AR-1242-2	5.520	4.670	2328832	2046656	32.773	38.857
18)	L4 AR-1242-3	5.584	4.846	491726	567270	11.022	20.037 #
19)	L4 AR-1242-4	5.680	4.929	557528	777442	15.431	25.198 #
20)	L4 AR-1242-5	6.420	5.454	1443387	1115815	34.457	33.499
21)	L5 AR-1248-1	5.498	4.670f	1413549	2046656	38.852	73.283 #
22)	L5 AR-1248-2	5.774	4.889	983264	648579	17.089	15.246
23)	L5 AR-1248-3	5.978	4.929	1075684	777442	16.555	17.470
24)	L5 AR-1248-4	6.383	5.101	1275581	1035099	17.581	20.216
25)	L5 AR-1248-5	6.420	5.494	1443387	671582	20.364	15.237 #
26)	L6 AR-1254-1	6.357	5.454	1199775	1115815	16.319	15.166
27)	L6 AR-1254-2	6.580	5.603	1066180	245126	9.239	3.896 #
28)	L6 AR-1254-3	6.948	6.006	1281130	580528	10.410	5.919 #
29)	L6 AR-1254-4	7.232	6.238	440537	251833	4.796	4.575
30)	L6 AR-1254-5	7.660	6.657	659607	282373	6.276	3.475 #
31)	L7 AR-1260-1	7.108	6.152	93854	373217	0.906	5.119 #
32)	L7 AR-1260-2	7.363	6.317	593777	228434	4.721	2.800 #
33)	L7 AR-1260-3	7.729	6.483	52057	118106	0.593	1.398 #
34)	L7 AR-1260-4	7.951	6.953	205558	28159	1.913	0.440 #
35)	L7 AR-1260-5	8.270	7.193	136155	264554	0.660	1.954 #
36)	L8 AR-1262-1	7.729	6.742	52057	55016	0.441	1.561 #
37)	L8 AR-1262-2	8.270	6.953	136155	28159	0.620	0.379 #
38)	L8 AR-1262-3	8.582	7.493f	21565	184201	0.141	3.320 #
39)	L8 AR-1262-4	8.663	7.549	148896	89904	1.978	0.886 #
40)	L8 AR-1262-5	9.311	8.053f	69514	212552	0.843	4.674 #
41)	L9 AR-1268-1	8.574	7.493f	20228	184201	0.071	1.096 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022023\
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 Acq On : 20 Feb 2023 17:55
 Operator : YP\AJ
 Sample : 01610-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

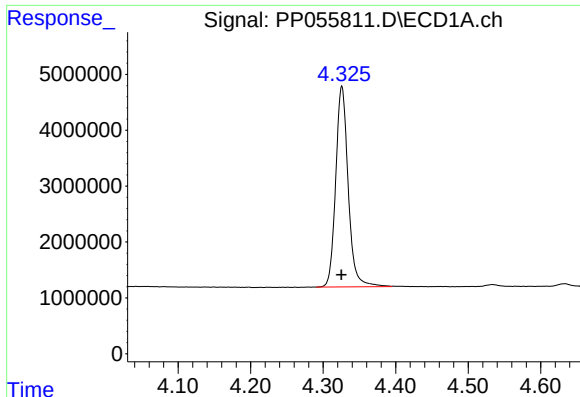
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 00:57:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
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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	8.663	7.549	148896	89904	0.558	0.588
43) L9	AR-1268-3	8.893	7.732f	90986	20911	0.387	0.152 #
44) L9	AR-1268-4	9.311	8.053f	69514	212552	0.704	3.863 #
45) L9	AR-1268-5	9.731	8.324	243960	162429	0.324	0.403

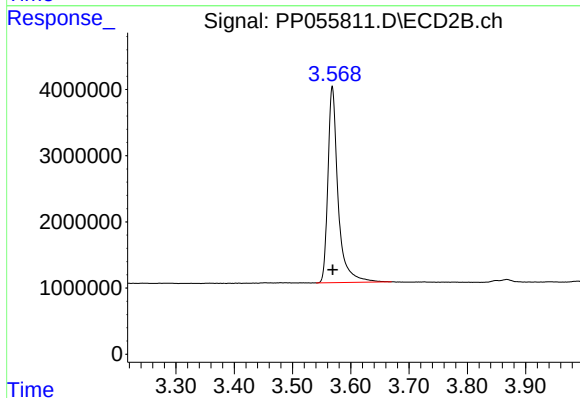
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

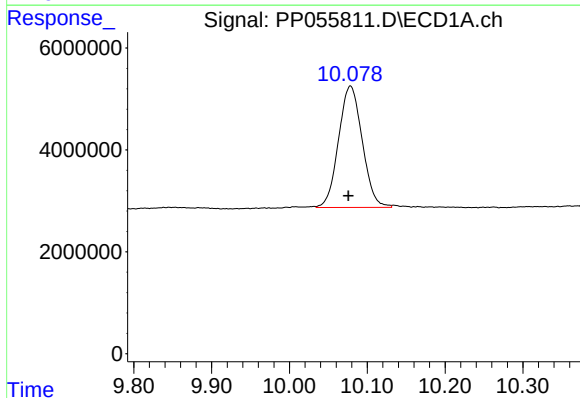
R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 42980023
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



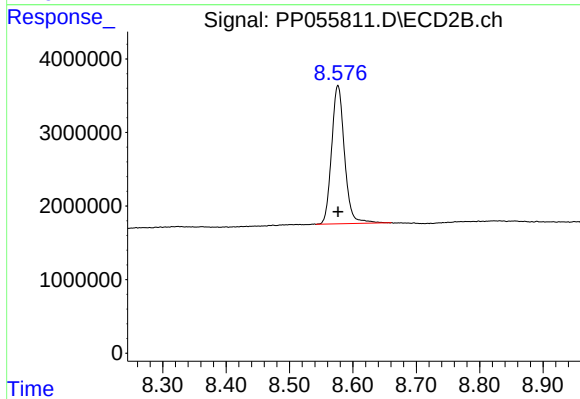
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 35953194
Conc: 24.62 ng/ml



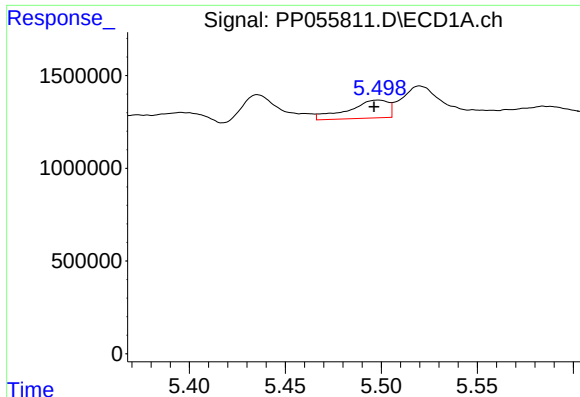
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: 0.003 min
Response: 50427532
Conc: 24.72 ng/ml



#2 Decachlorobiphenyl

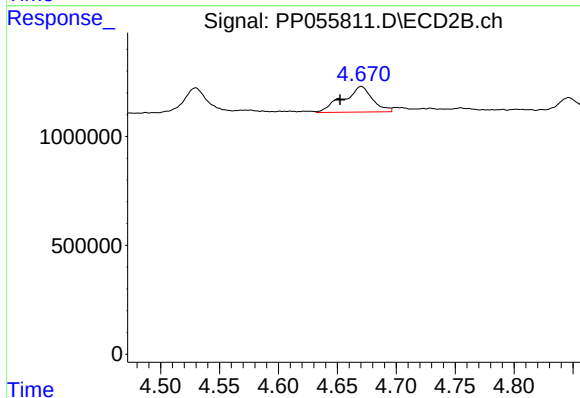
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 26596448
Conc: 23.44 ng/ml



#3 AR-1016-1

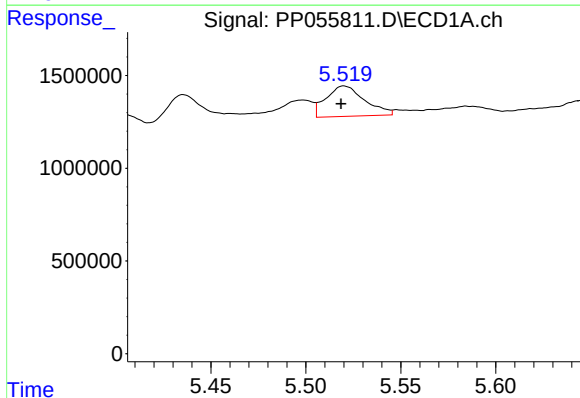
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 1413549
Conc: 23.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



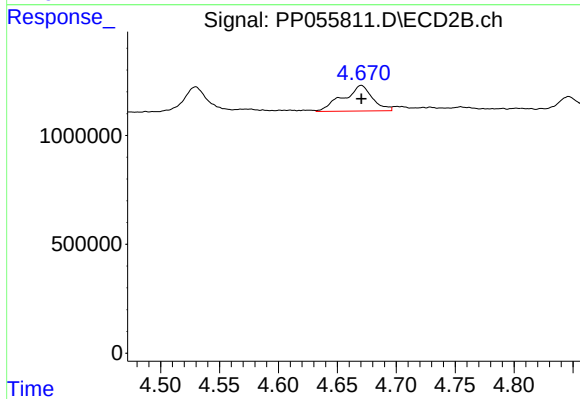
#3 AR-1016-1

R.T.: 4.670 min
Delta R.T.: 0.018 min
Response: 2046656
Conc: 45.45 ng/ml



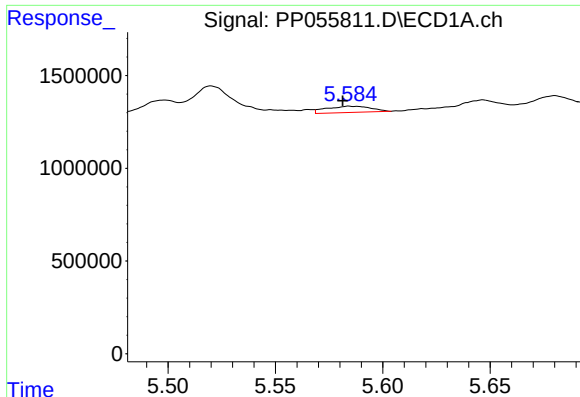
#4 AR-1016-2

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 2328832
Conc: 26.62 ng/ml



#4 AR-1016-2

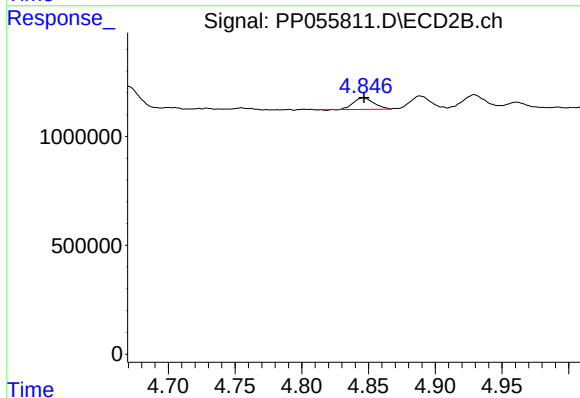
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 2046656
Conc: 31.51 ng/ml



#5 AR-1016-3

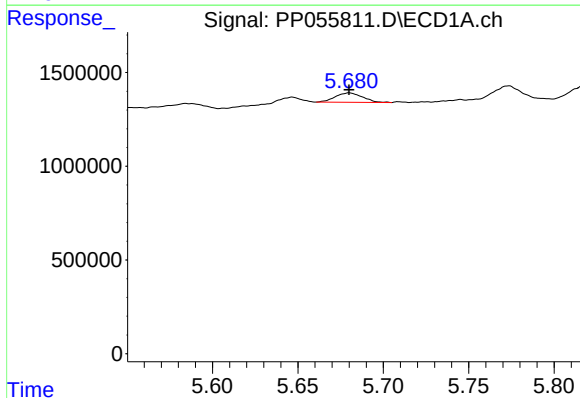
R.T.: 5.584 min
Delta R.T.: 0.003 min
Response: 491726
Conc: 8.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



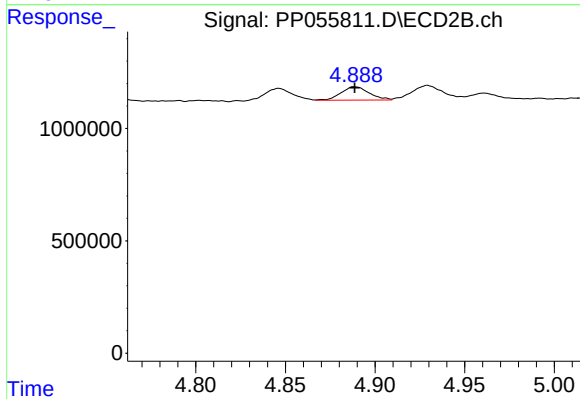
#5 AR-1016-3

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 567270
Conc: 16.32 ng/ml



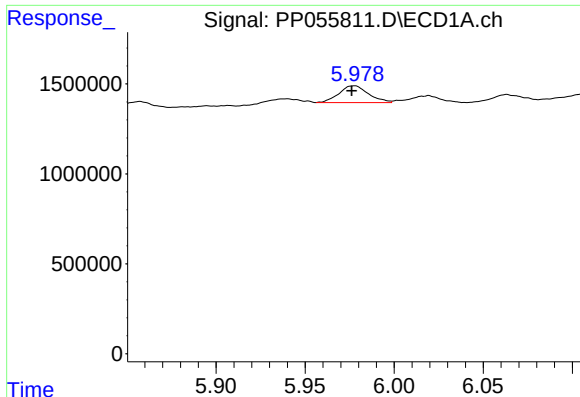
#6 AR-1016-4

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 557528
Conc: 12.51 ng/ml



#6 AR-1016-4

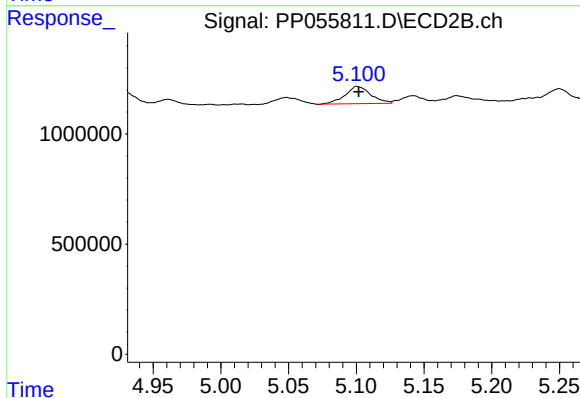
R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 648579
Conc: 21.70 ng/ml



#7 AR-1016-5

R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 1075684
Conc: 22.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



#7 AR-1016-5

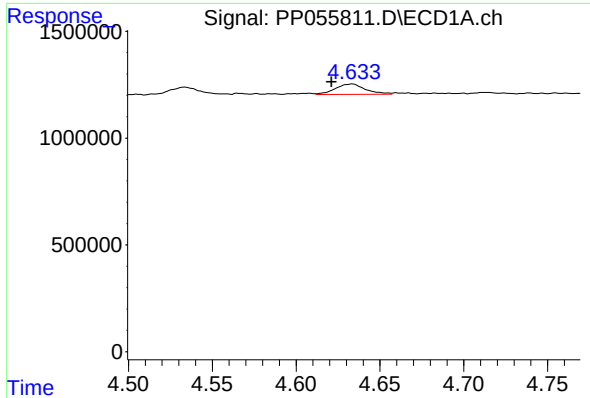
R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 1035099
Conc: 26.18 ng/ml

#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 462772
Conc: 22.23 ng/ml

#8 AR-1221-1

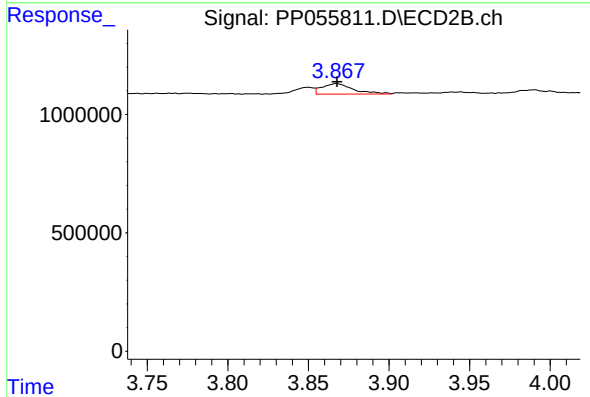
R.T.: 0.000 min
Exp R.T. : 3.782 min
Response: 0
Conc: N.D.



#9 AR-1221-2

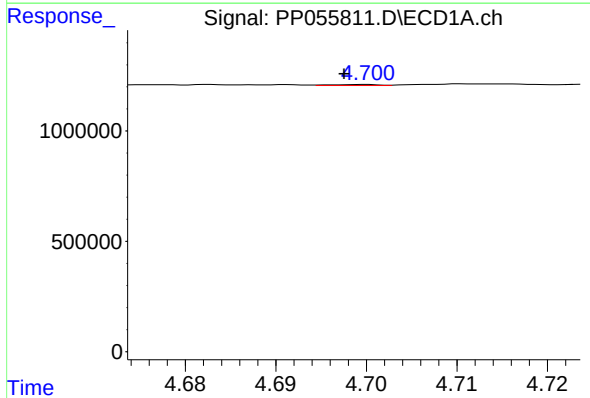
R.T.: 4.634 min
Delta R.T.: 0.012 min
Response: 607594
Conc: 38.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



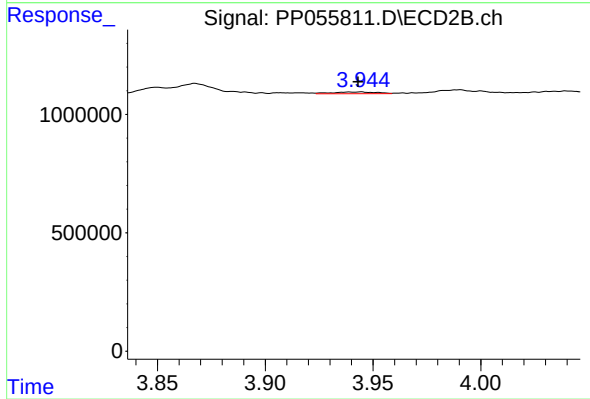
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 595775
Conc: 45.36 ng/ml



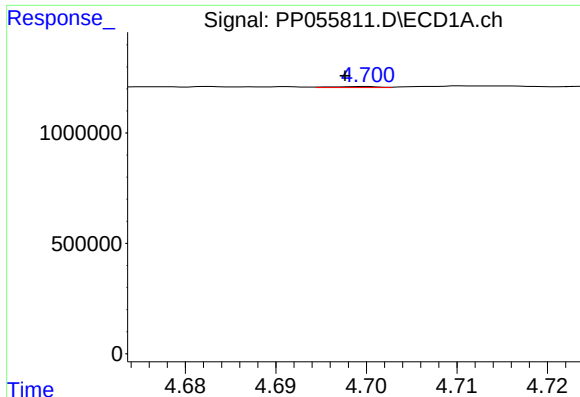
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: 0.002 min
Response: 14815
Conc: 0.31 ng/ml



#10 AR-1221-3

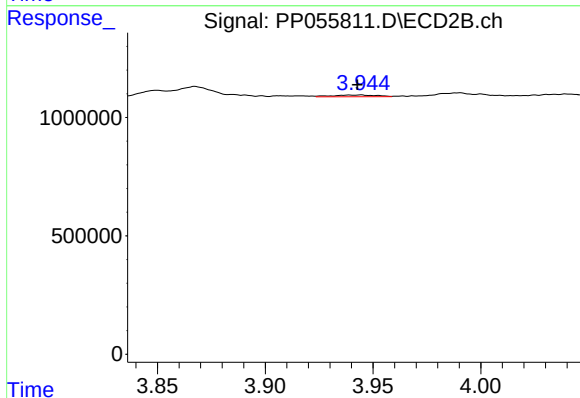
R.T.: 3.944 min
Delta R.T.: 0.001 min
Response: 107040
Conc: 2.56 ng/ml



#11 AR-1232-1

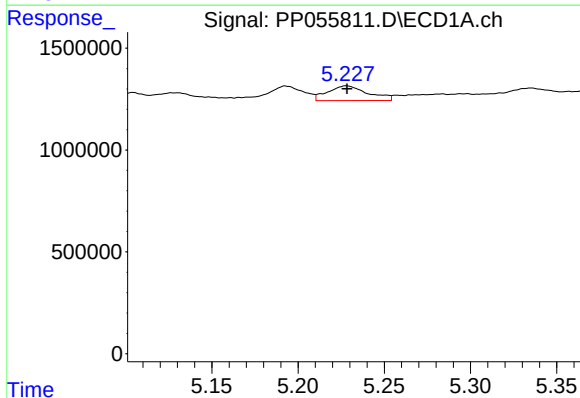
R.T.: 4.700 min
Delta R.T.: 0.002 min
Response: 14815
Conc: 0.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



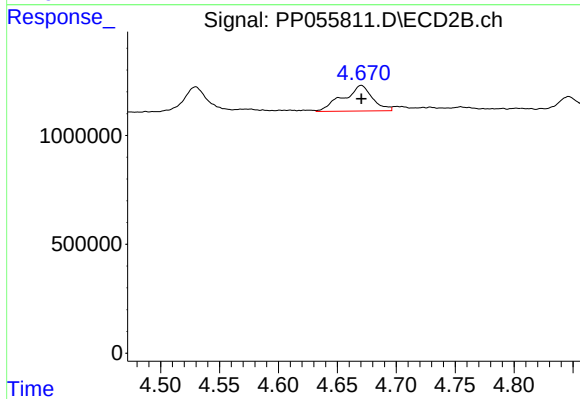
#11 AR-1232-1

R.T.: 3.944 min
Delta R.T.: 0.002 min
Response: 107040
Conc: 3.11 ng/ml



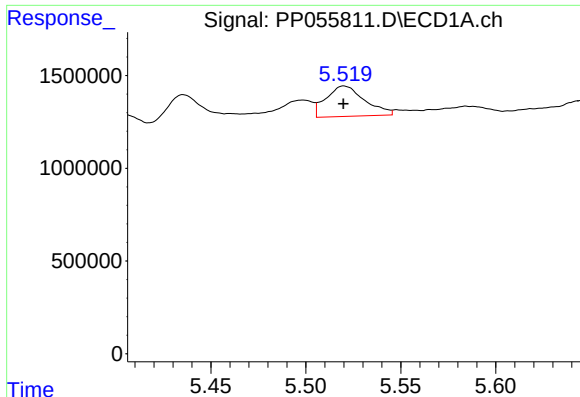
#12 AR-1232-2

R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 1177138
Conc: 56.67 ng/ml



#12 AR-1232-2

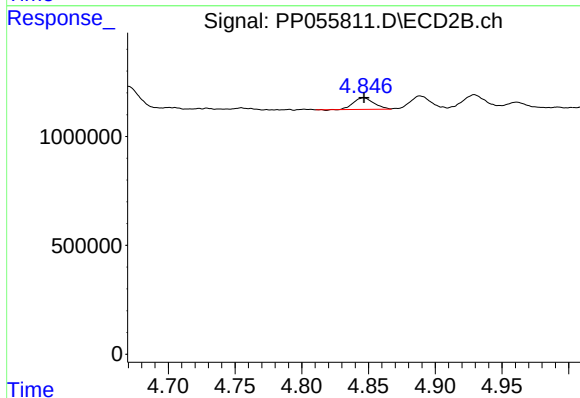
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 2046656
Conc: 69.73 ng/ml



#13 AR-1232-3

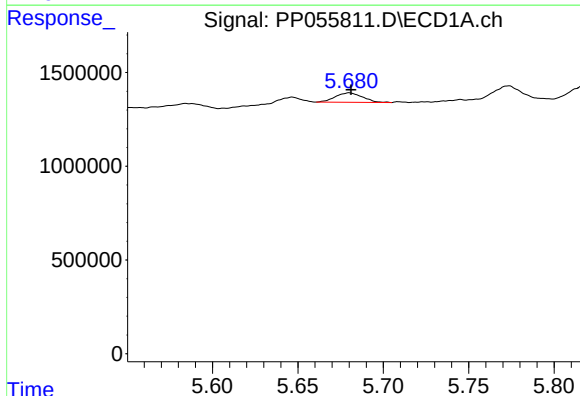
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 2328832
Conc: 59.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



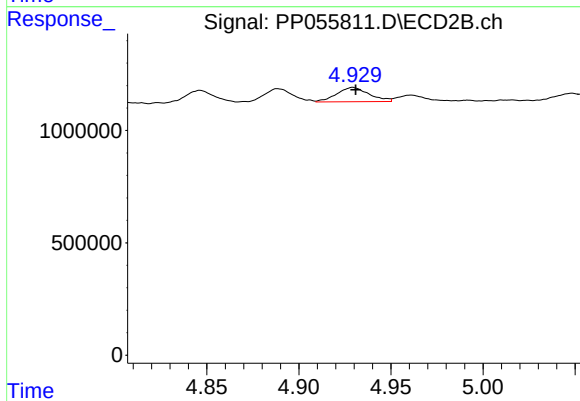
#13 AR-1232-3

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 567270
Conc: 37.33 ng/ml



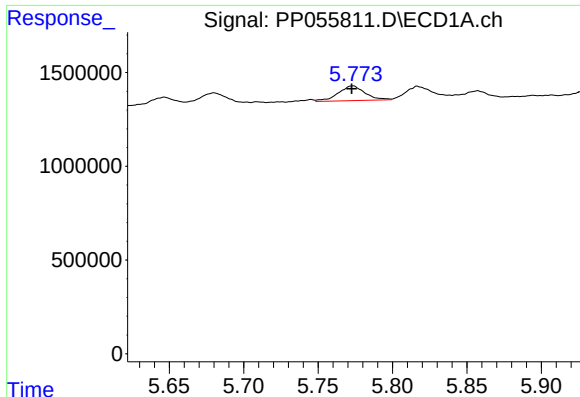
#14 AR-1232-4

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 557528
Conc: 28.46 ng/ml



#14 AR-1232-4

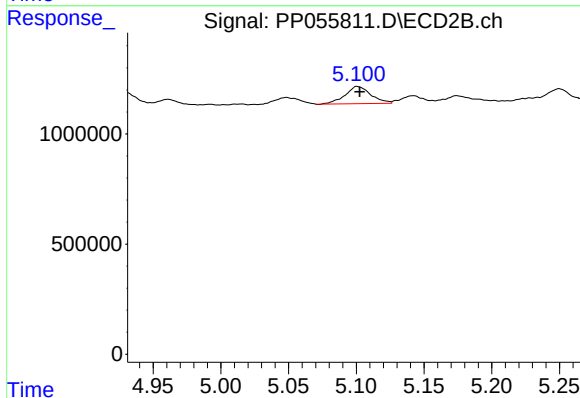
R.T.: 4.929 min
Delta R.T.: -0.001 min
Response: 777442
Conc: 51.28 ng/ml



#15 AR-1232-5

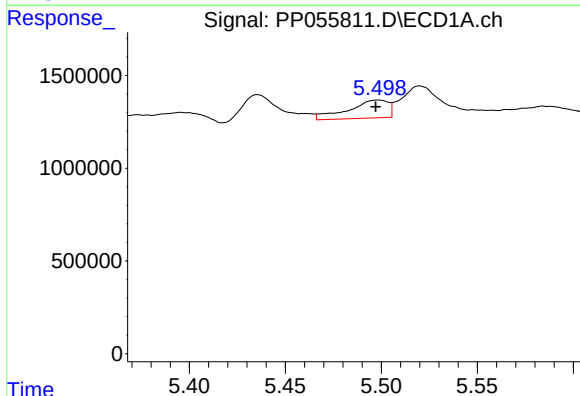
R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 983264
Conc: 61.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



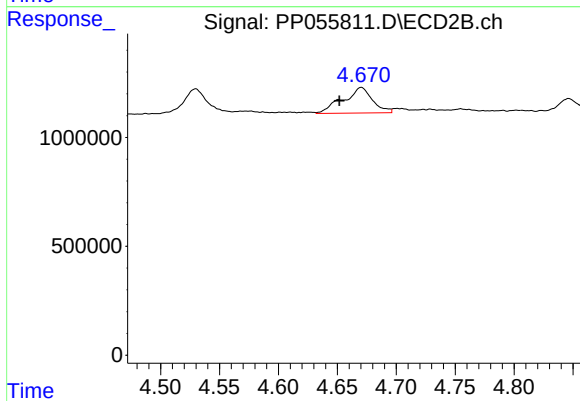
#15 AR-1232-5

R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 1035099
Conc: 63.15 ng/ml



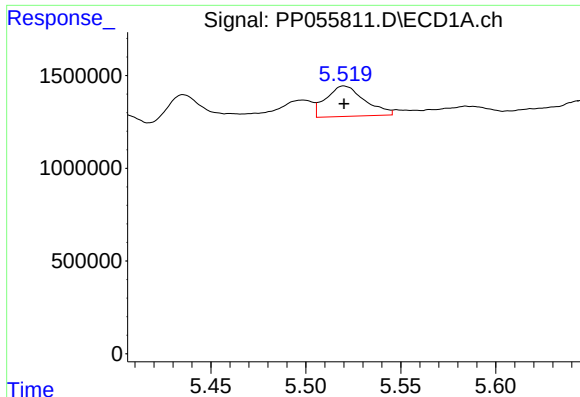
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: 0.001 min
Response: 1413549
Conc: 29.27 ng/ml



#16 AR-1242-1

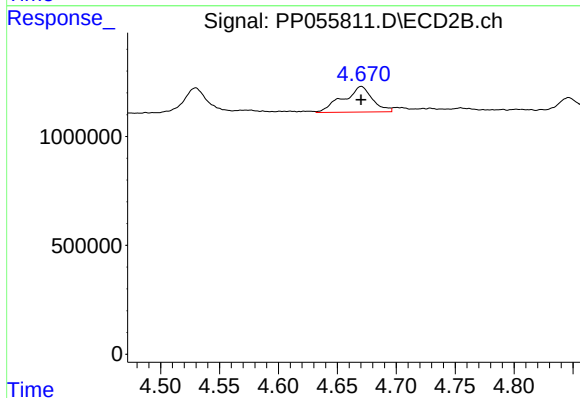
R.T.: 4.670 min
Delta R.T.: 0.019 min
Response: 2046656
Conc: 55.63 ng/ml



#17 AR-1242-2

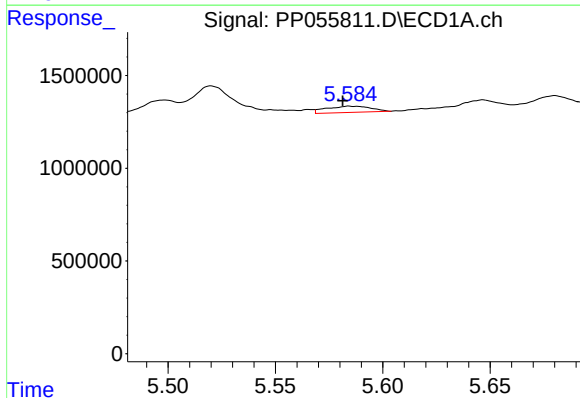
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 2328832
Conc: 32.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



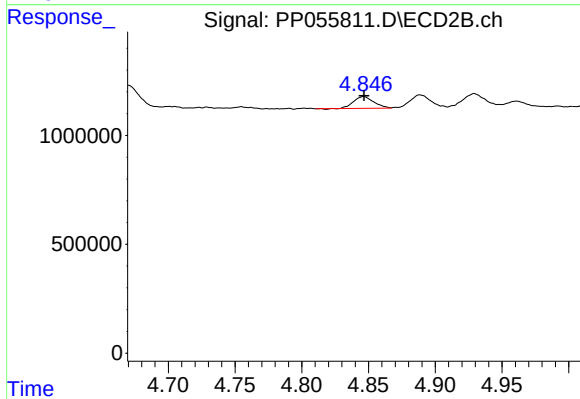
#17 AR-1242-2

R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 2046656
Conc: 38.86 ng/ml



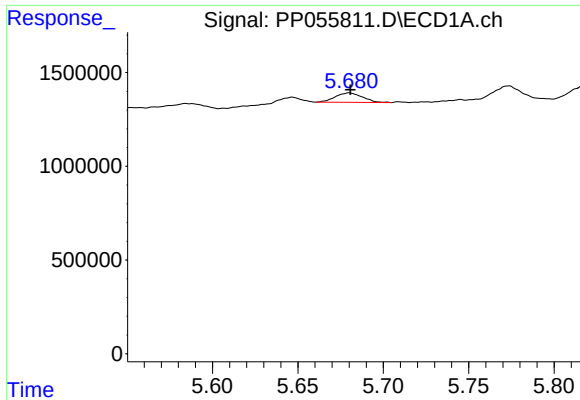
#18 AR-1242-3

R.T.: 5.584 min
Delta R.T.: 0.003 min
Response: 491726
Conc: 11.02 ng/ml



#18 AR-1242-3

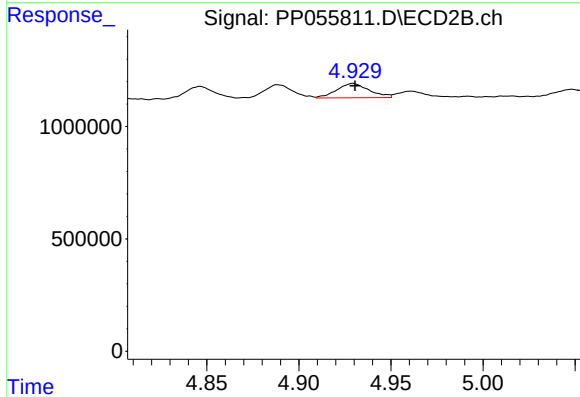
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 567270
Conc: 20.04 ng/ml



#19 AR-1242-4

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 557528
Conc: 15.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



#19 AR-1242-4

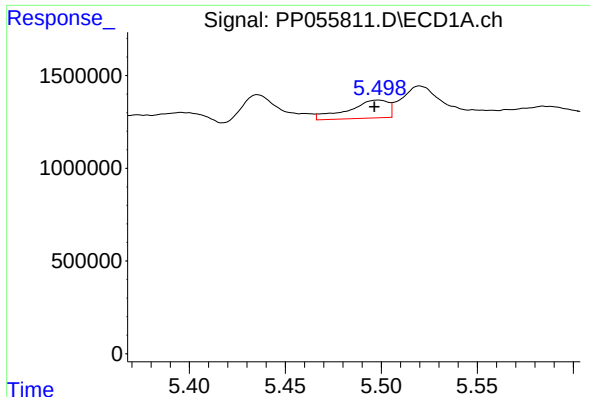
R.T.: 4.929 min
Delta R.T.: -0.001 min
Response: 777442
Conc: 25.20 ng/ml

#20 AR-1242-5

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 1443387
Conc: 34.46 ng/ml

#20 AR-1242-5

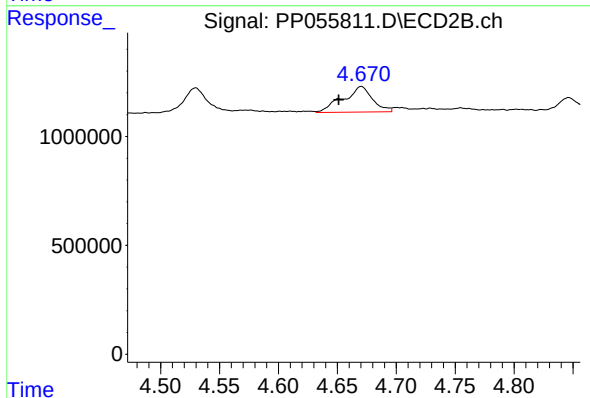
R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 1115815
Conc: 33.50 ng/ml



#21 AR-1248-1

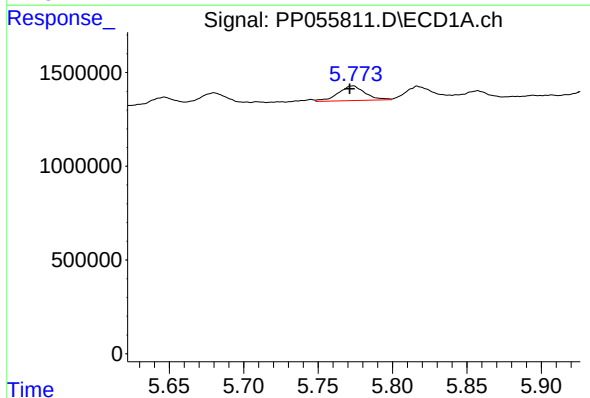
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 1413549
Conc: 38.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



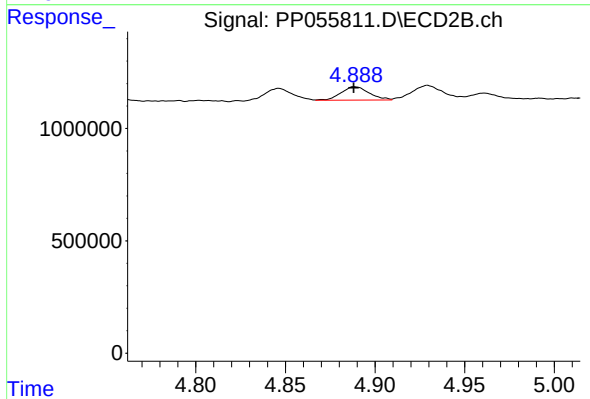
#21 AR-1248-1

R.T.: 4.670 min
Delta R.T.: 0.019 min
Response: 2046656
Conc: 73.28 ng/ml



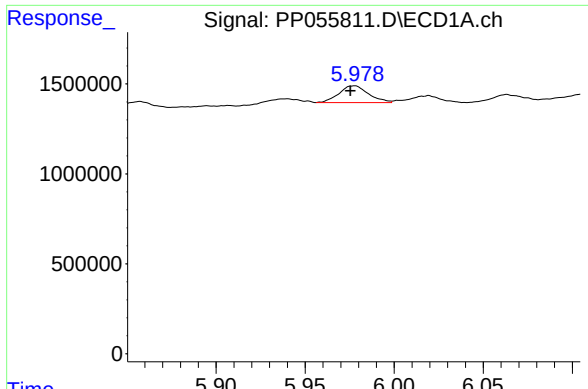
#22 AR-1248-2

R.T.: 5.774 min
Delta R.T.: 0.002 min
Response: 983264
Conc: 17.09 ng/ml



#22 AR-1248-2

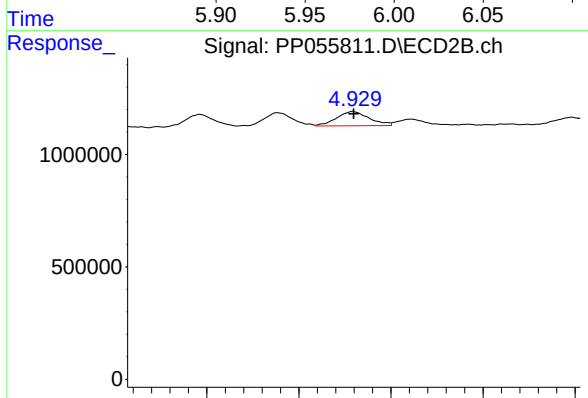
R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 648579
Conc: 15.25 ng/ml



#23 AR-1248-3

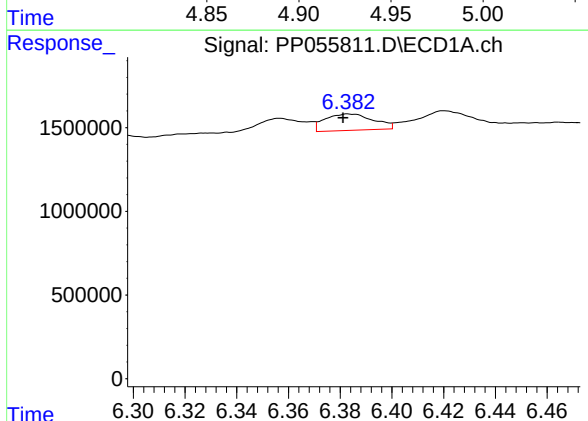
R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 1075684
Conc: 16.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



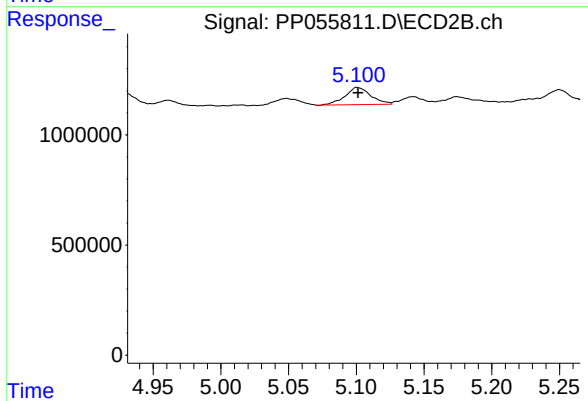
#23 AR-1248-3

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 777442
Conc: 17.47 ng/ml



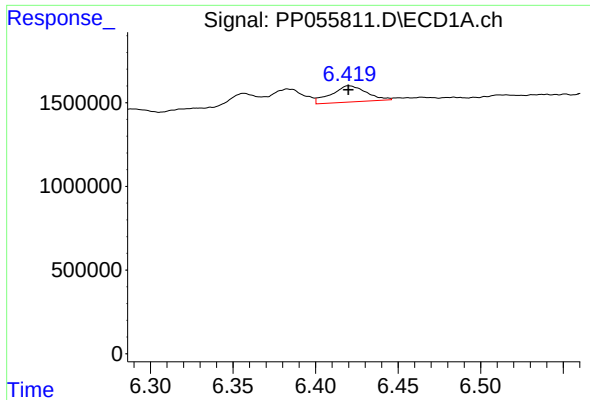
#24 AR-1248-4

R.T.: 6.383 min
Delta R.T.: 0.002 min
Response: 1275581
Conc: 17.58 ng/ml



#24 AR-1248-4

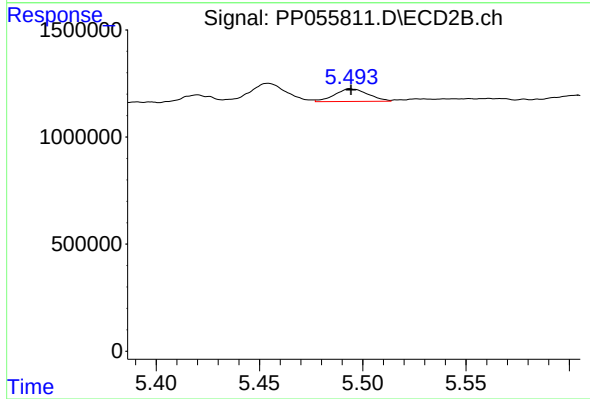
R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 1035099
Conc: 20.22 ng/ml



#25 AR-1248-5

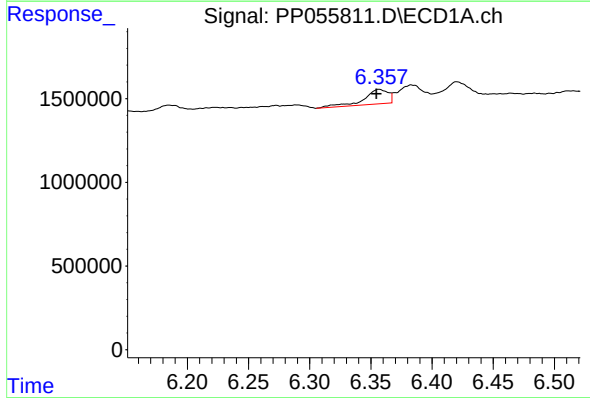
R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 1443387
Conc: 20.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



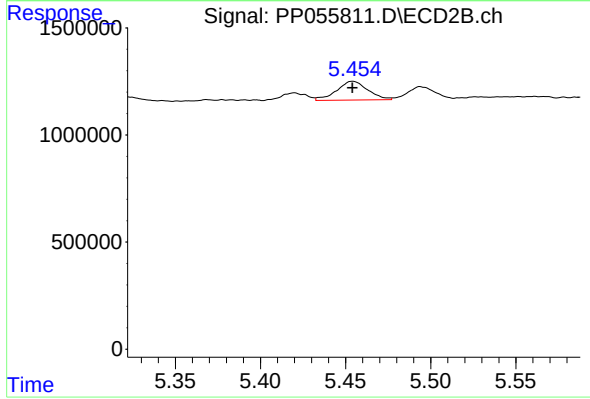
#25 AR-1248-5

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 671582
Conc: 15.24 ng/ml



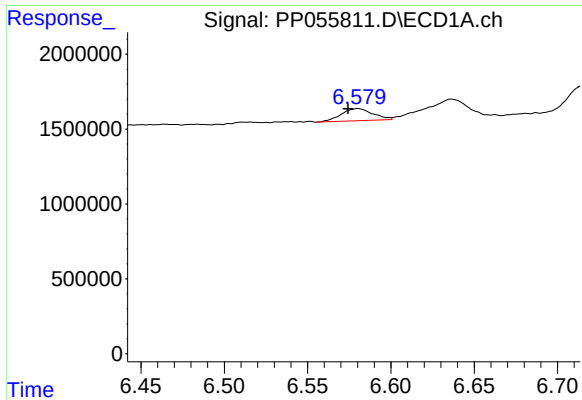
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 1199775
Conc: 16.32 ng/ml



#26 AR-1254-1

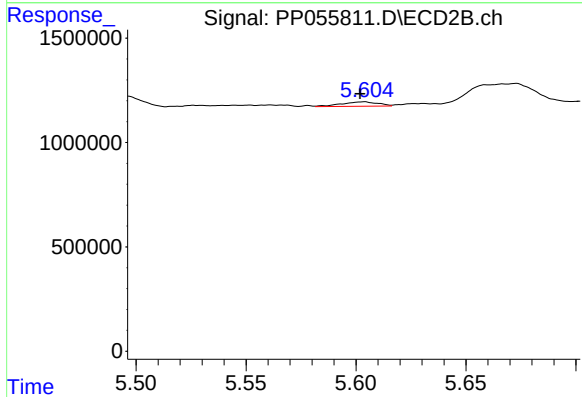
R.T.: 5.454 min
Delta R.T.: 0.000 min
Response: 1115815
Conc: 15.17 ng/ml



#27 AR-1254-2

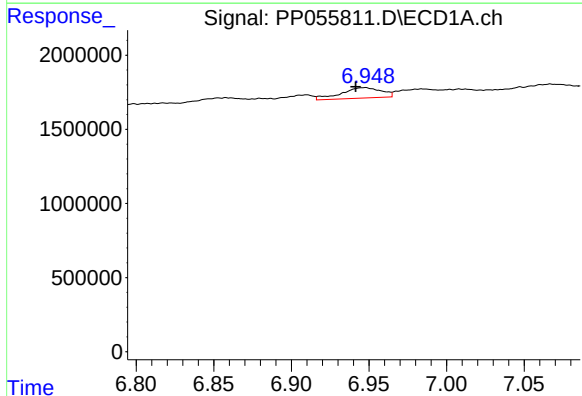
R.T.: 6.580 min
Delta R.T.: 0.006 min
Response: 1066180
Conc: 9.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



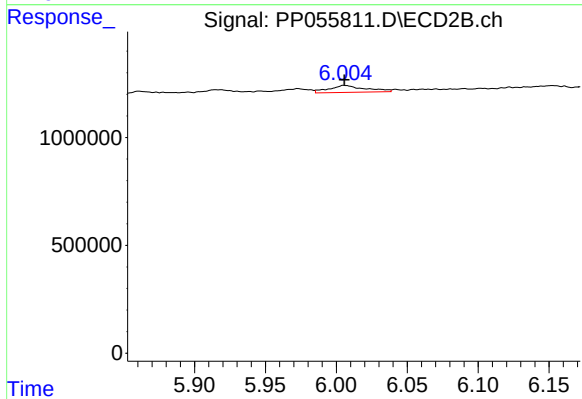
#27 AR-1254-2

R.T.: 5.603 min
Delta R.T.: 0.002 min
Response: 245126
Conc: 3.90 ng/ml



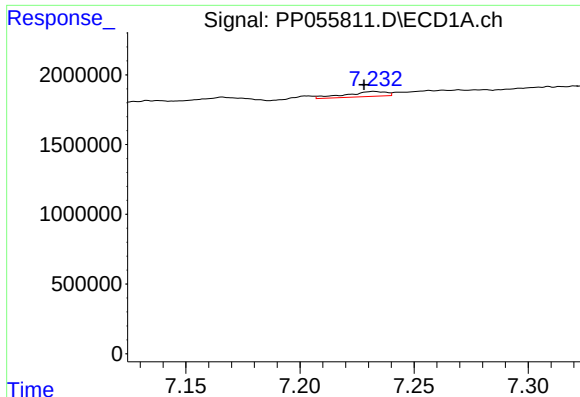
#28 AR-1254-3

R.T.: 6.948 min
Delta R.T.: 0.006 min
Response: 1281130
Conc: 10.41 ng/ml



#28 AR-1254-3

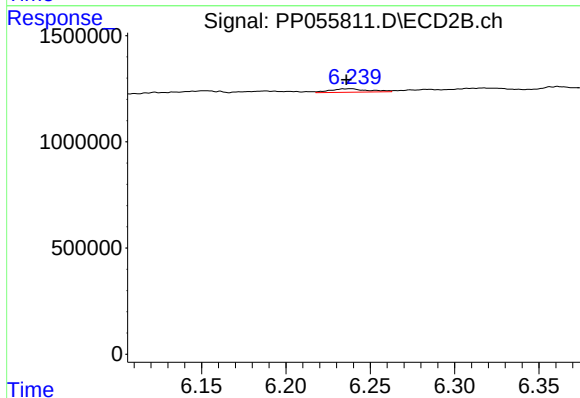
R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 580528
Conc: 5.92 ng/ml



#29 AR-1254-4

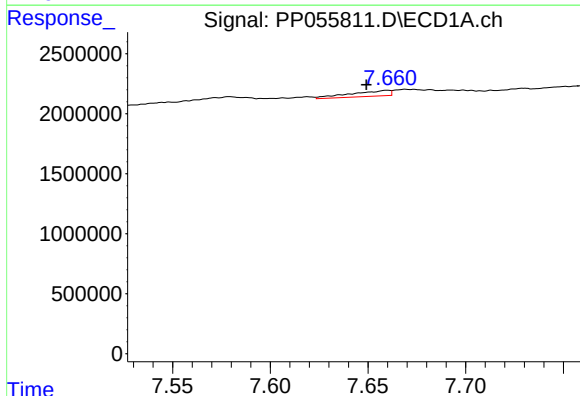
R.T.: 7.232 min
Delta R.T.: 0.004 min
Response: 440537
Conc: 4.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



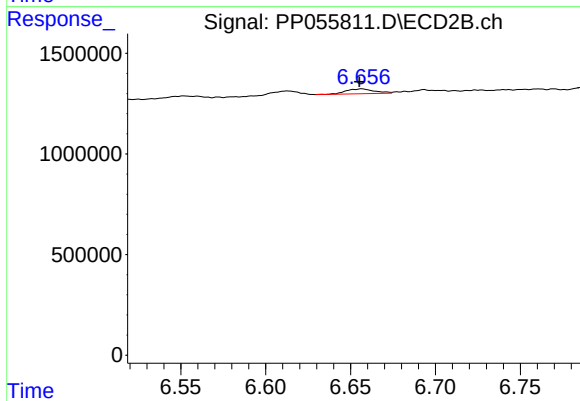
#29 AR-1254-4

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 251833
Conc: 4.57 ng/ml



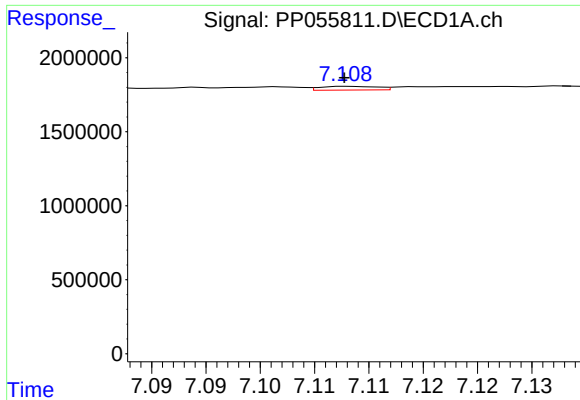
#30 AR-1254-5

R.T.: 7.660 min
Delta R.T.: 0.011 min
Response: 659607
Conc: 6.28 ng/ml



#30 AR-1254-5

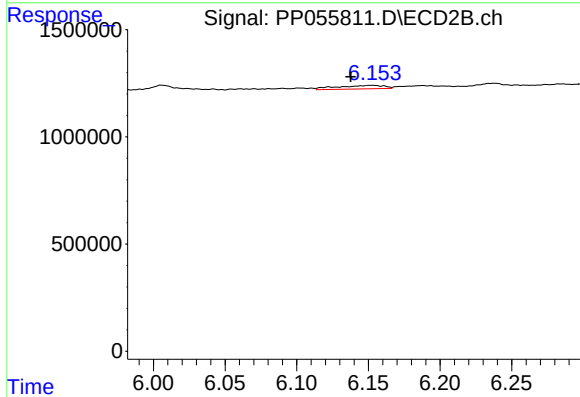
R.T.: 6.657 min
Delta R.T.: 0.002 min
Response: 282373
Conc: 3.48 ng/ml



#31 AR-1260-1

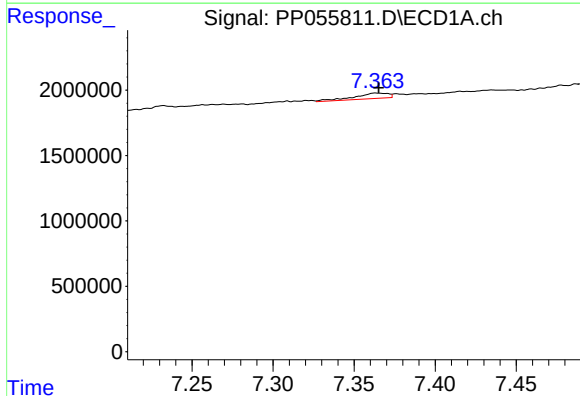
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 93854
Conc: 0.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



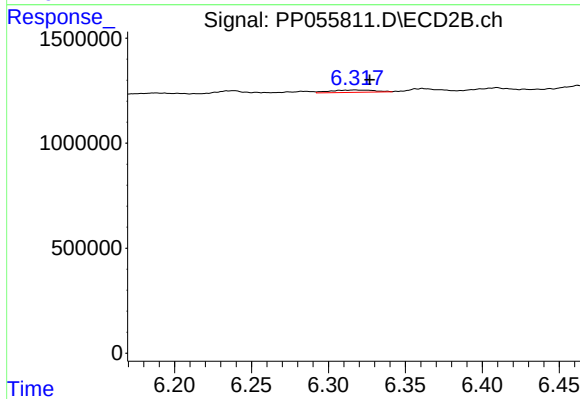
#31 AR-1260-1

R.T.: 6.152 min
Delta R.T.: 0.015 min
Response: 373217
Conc: 5.12 ng/ml



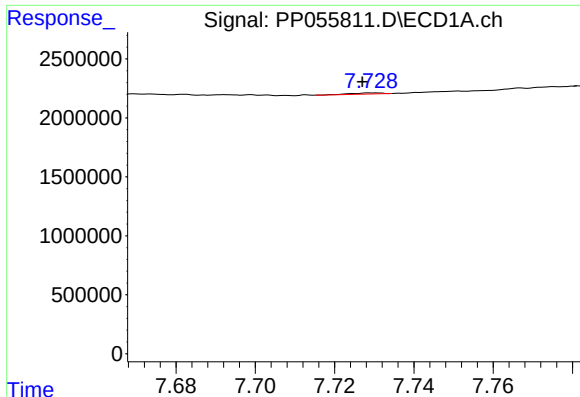
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 593777
Conc: 4.72 ng/ml



#32 AR-1260-2

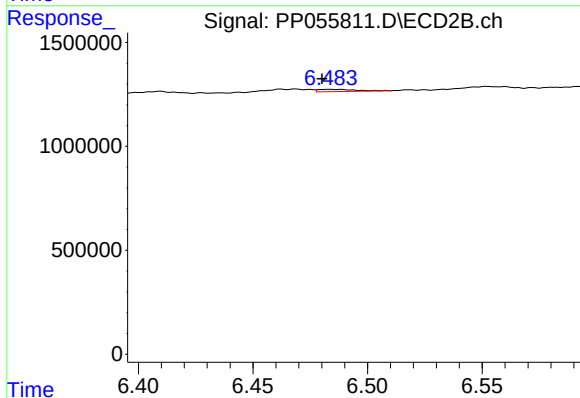
R.T.: 6.317 min
Delta R.T.: -0.010 min
Response: 228434
Conc: 2.80 ng/ml



#33 AR-1260-3

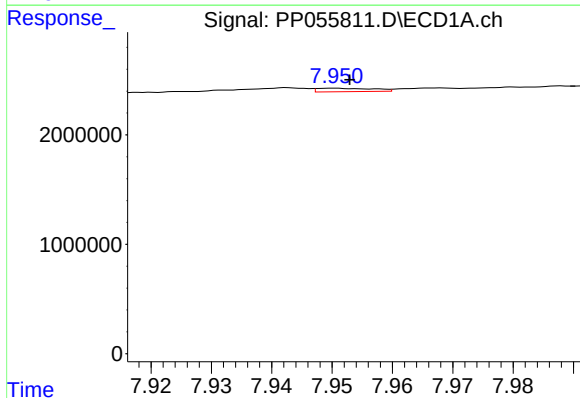
R.T.: 7.729 min
Delta R.T.: 0.002 min
Response: 52057
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



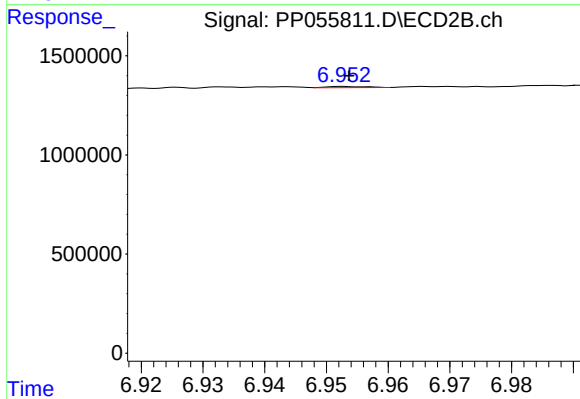
#33 AR-1260-3

R.T.: 6.483 min
Delta R.T.: 0.003 min
Response: 118106
Conc: 1.40 ng/ml



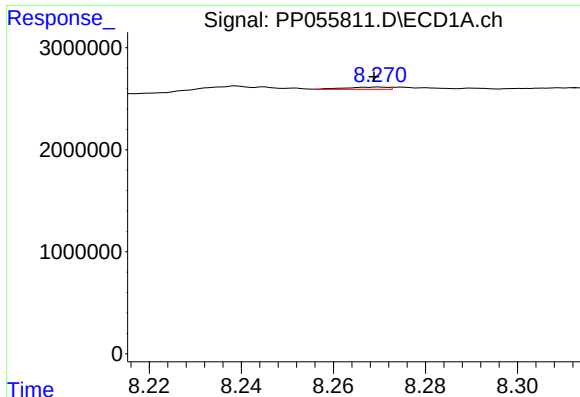
#34 AR-1260-4

R.T.: 7.951 min
Delta R.T.: -0.002 min
Response: 205558
Conc: 1.91 ng/ml



#34 AR-1260-4

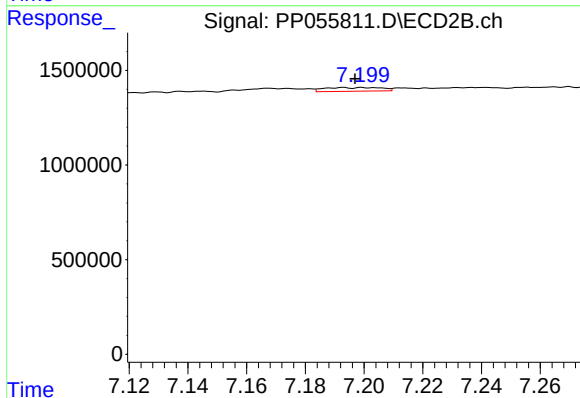
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 28159
Conc: 0.44 ng/ml



#35 AR-1260-5

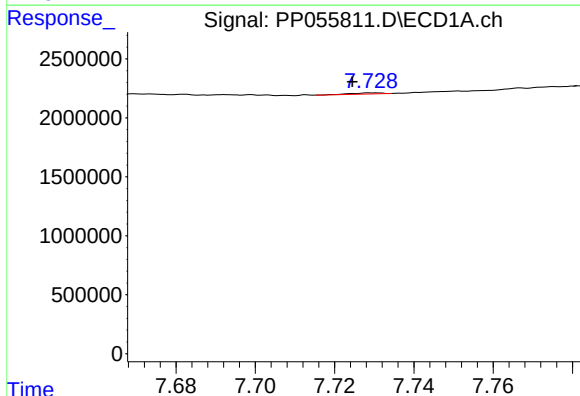
R.T.: 8.270 min
Delta R.T.: 0.001 min
Response: 136155
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



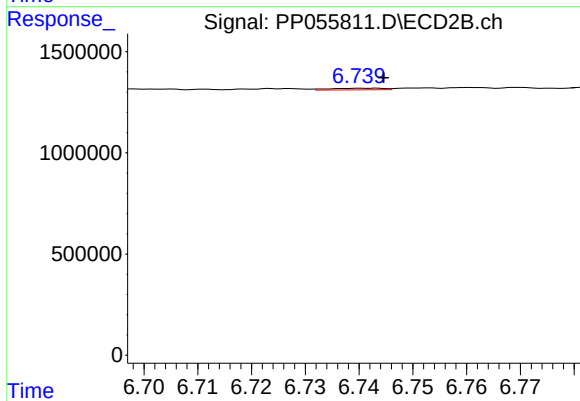
#35 AR-1260-5

R.T.: 7.193 min
Delta R.T.: -0.004 min
Response: 264554
Conc: 1.95 ng/ml



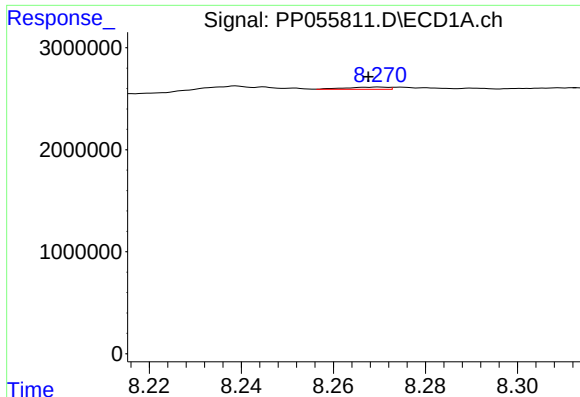
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: 0.005 min
Response: 52057
Conc: 0.44 ng/ml



#36 AR-1262-1

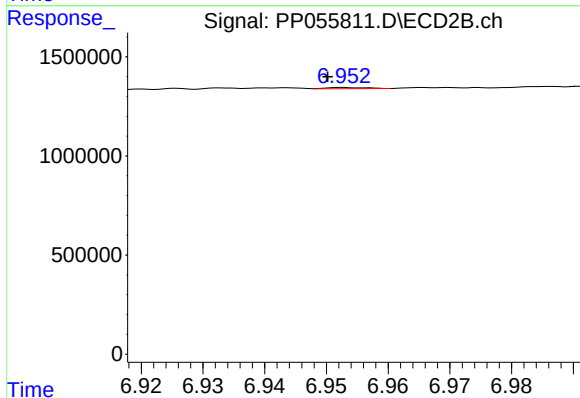
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 55016
Conc: 1.56 ng/ml



#37 AR-1262-2

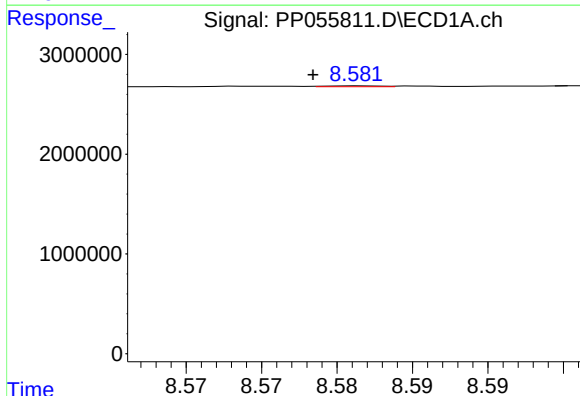
R.T.: 8.270 min
Delta R.T.: 0.002 min
Response: 136155
Conc: 0.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



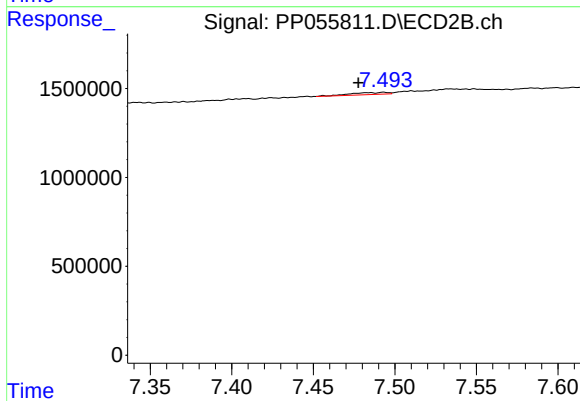
#37 AR-1262-2

R.T.: 6.953 min
Delta R.T.: 0.003 min
Response: 28159
Conc: 0.38 ng/ml



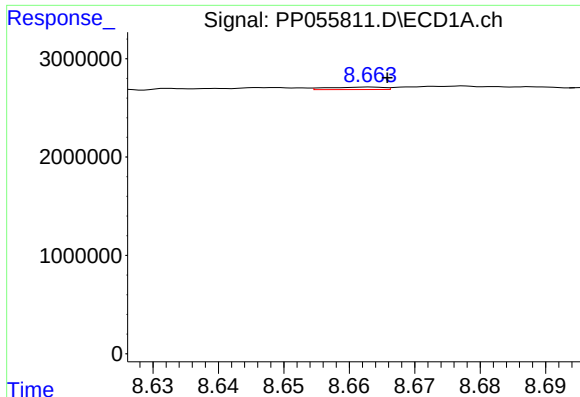
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.003 min
Response: 21565
Conc: 0.14 ng/ml



#38 AR-1262-3

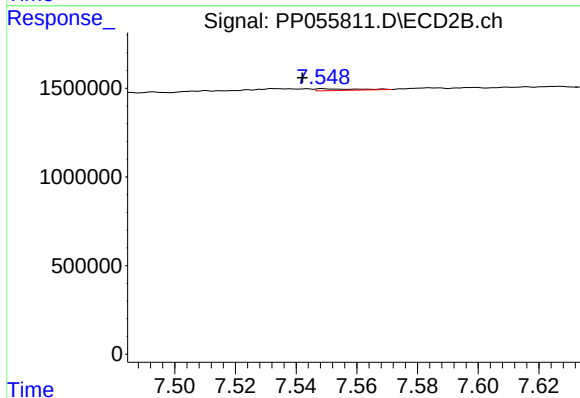
R.T.: 7.493 min
Delta R.T.: 0.015 min
Response: 184201
Conc: 3.32 ng/ml



#39 AR-1262-4

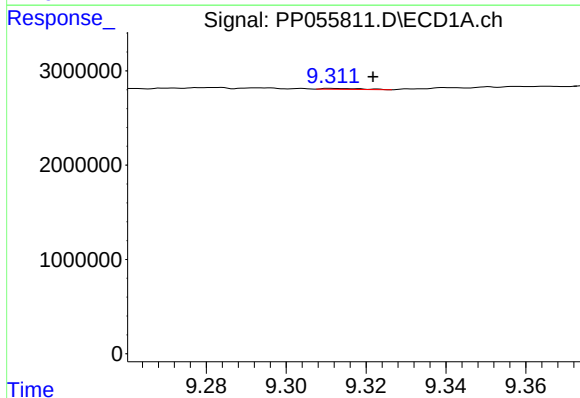
R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 148896
Conc: 1.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



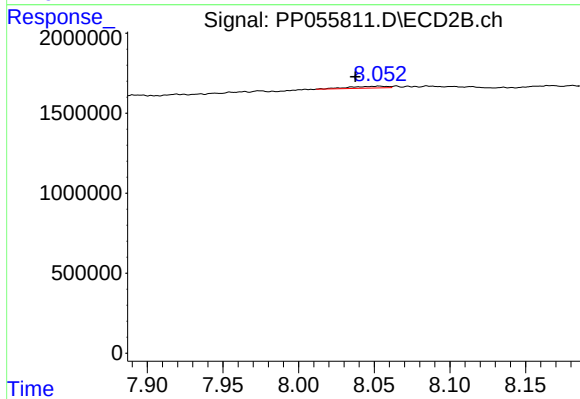
#39 AR-1262-4

R.T.: 7.549 min
Delta R.T.: 0.007 min
Response: 89904
Conc: 0.89 ng/ml



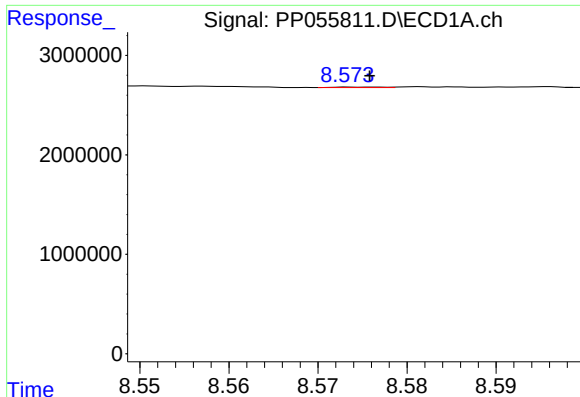
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: -0.011 min
Response: 69514
Conc: 0.84 ng/ml



#40 AR-1262-5

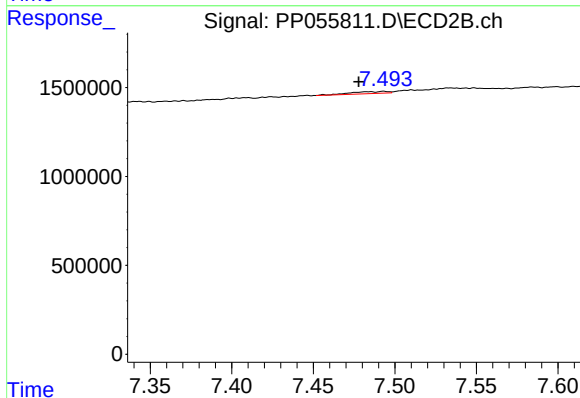
R.T.: 8.053 min
Delta R.T.: 0.016 min
Response: 212552
Conc: 4.67 ng/ml



#41 AR-1268-1

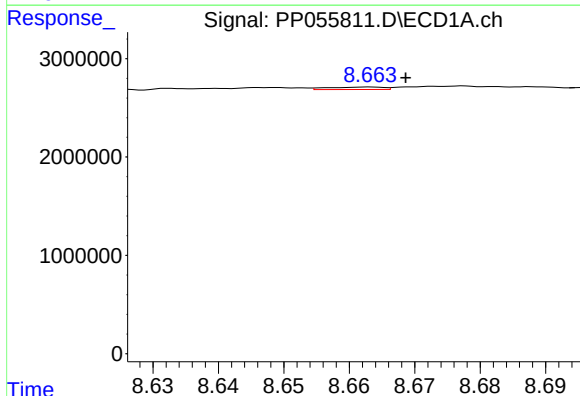
R.T.: 8.574 min
Delta R.T.: -0.002 min
Response: 20228
Conc: 0.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



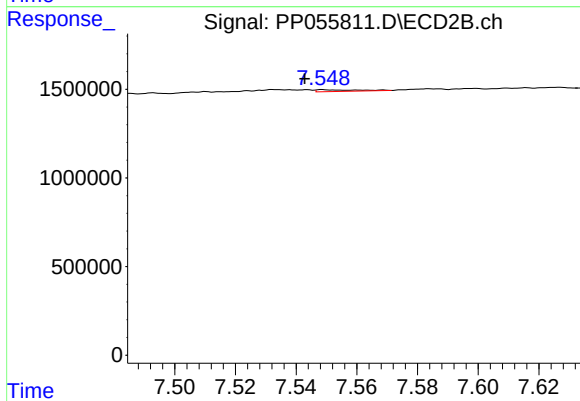
#41 AR-1268-1

R.T.: 7.493 min
Delta R.T.: 0.015 min
Response: 184201
Conc: 1.10 ng/ml



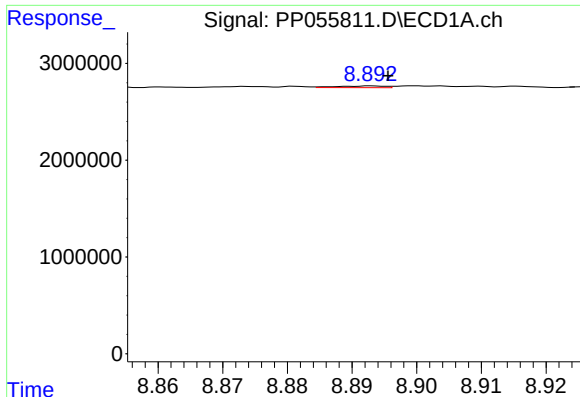
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: -0.006 min
Response: 148896
Conc: 0.56 ng/ml



#42 AR-1268-2

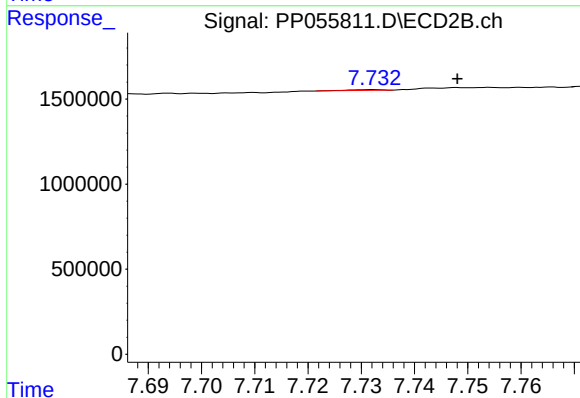
R.T.: 7.549 min
Delta R.T.: 0.006 min
Response: 89904
Conc: 0.59 ng/ml



#43 AR-1268-3

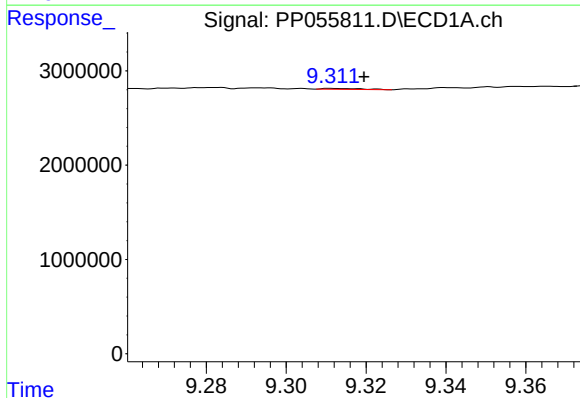
R.T.: 8.893 min
Delta R.T.: -0.002 min
Response: 90986
Conc: 0.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



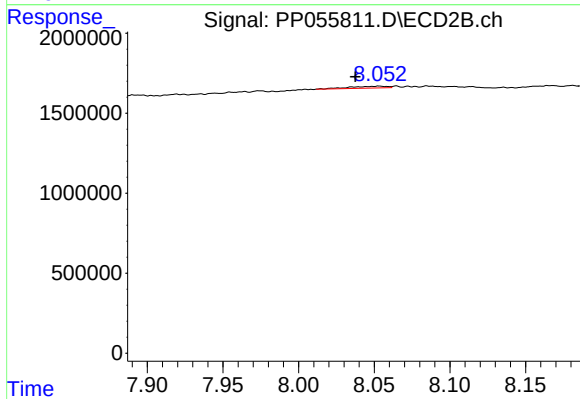
#43 AR-1268-3

R.T.: 7.732 min
Delta R.T.: -0.016 min
Response: 20911
Conc: 0.15 ng/ml



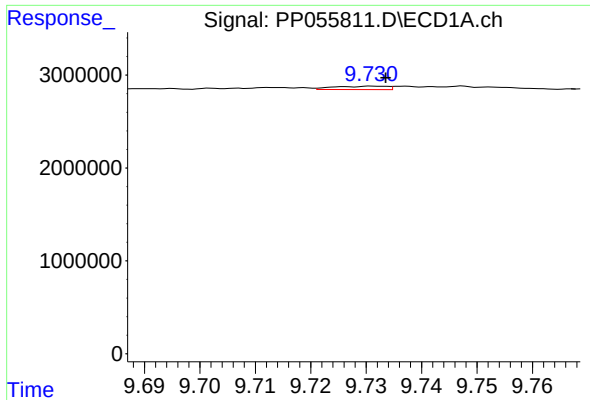
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: -0.008 min
Response: 69514
Conc: 0.70 ng/ml



#44 AR-1268-4

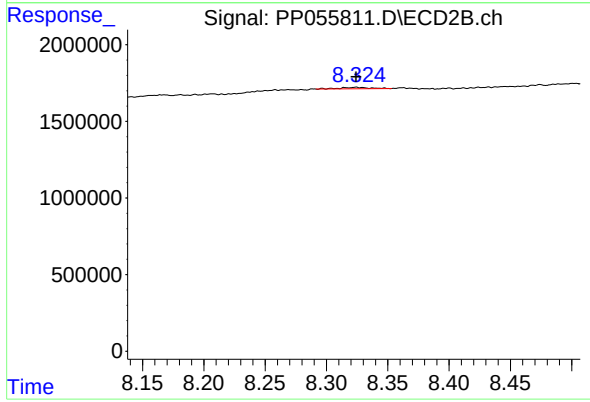
R.T.: 8.053 min
Delta R.T.: 0.016 min
Response: 212552
Conc: 3.86 ng/ml



#45 AR-1268-5

R.T.: 9.731 min
Delta R.T.: -0.002 min
Response: 243960
Conc: 0.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 162429
Conc: 0.40 ng/ml