

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121922\
 Data File : PP053822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 10:46
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 11:32:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 2022
 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...	4.339	3.592	40313513	28244802	19.199	18.086
2)	SA Decachlor...	10.104	8.630	33872713	28239647	19.951	20.218
Target Compounds							
3)	L1 AR-1016-1	5.512	4.697	148208	341254	2.186	7.430 #
4)	L1 AR-1016-2	5.530	4.697	96047	341254	0.964	5.446 #
5)	L1 AR-1016-3	5.583	0.000	465650	0	7.368	N.D. #
6)	L1 AR-1016-4	5.688	4.932	36137	130497	0.729	4.379 #
7)	L1 AR-1016-5	5.983	0.000	33400	0	0.635	N.D. #
8)	L2 AR-1221-1	4.556	0.000	27350	0	1.062	N.D. #
9)	L2 AR-1221-2	4.646	3.892	790593	483196	40.608	33.056
10)	L2 AR-1221-3	4.706	0.000	63588	0	1.094	N.D. #
11)	L3 AR-1232-1	4.706	0.000	63588	0	1.420	N.D. #
12)	L3 AR-1232-2	5.239	4.697	30312	341254	1.178	11.434 #
13)	L3 AR-1232-3	5.530	0.000	96047	0	2.046	N.D. #
14)	L3 AR-1232-4	5.688	0.000	36137	0	1.525	N.D. #
15)	L3 AR-1232-5	5.779	0.000	52316	0	2.837	N.D. #
16)	L4 AR-1242-1	5.512	4.697	148208	341254	2.829	9.636 #
17)	L4 AR-1242-2	5.530	4.697	96047	341254	1.261	7.103 #
18)	L4 AR-1242-3	5.583	0.000	465650	0	9.504	N.D. #
19)	L4 AR-1242-4	5.688	0.000	36137	0	0.941	N.D. #
20)	L4 AR-1242-5	6.443	0.000	62442	0	1.531	N.D. #
21)	L5 AR-1248-1	5.512	4.697	148208	341254	3.517	11.996 #
22)	L5 AR-1248-2	5.779	4.932	52316	130497	0.828	3.154 #
23)	L5 AR-1248-3	5.983	0.000	33400	0	0.477	N.D. #
24)	L5 AR-1248-4	6.406	0.000	166865	0	2.366	N.D. #
25)	L5 AR-1248-5	6.443	0.000	62442	0	0.886	N.D. #
27)	L6 AR-1254-2	6.592	0.000	82311	0	0.707	N.D. #
28)	L6 AR-1254-3	6.962	6.053	110419	30680	0.943	0.349 #
29)	L6 AR-1254-4	7.247	6.256f	62204	55611	0.785	1.214 #
30)	L6 AR-1254-5	7.663	6.692	84743	154060	0.869	1.977 #
31)	L7 AR-1260-1	7.125	6.166	76205	71487	0.789	1.096 #
32)	L7 AR-1260-2	7.398f	6.354	224075	205219	2.028	2.725 #
33)	L7 AR-1260-3	7.714f	6.508	56827	240103	0.752	3.312 #
34)	L7 AR-1260-4	7.966	6.993	807278	60315	8.601	1.112 #
35)	L7 AR-1260-5	8.288	7.238	276263	131360	1.742	1.098 #
36)	L8 AR-1262-1	7.714f	6.817f	56827	50747	0.475	1.423 #
37)	L8 AR-1262-2	8.288	6.993	276263	60315	1.441	0.776 #
38)	L8 AR-1262-3	8.603	7.511	108874	100857	0.786	1.601 #
39)	L8 AR-1262-4	8.682	7.585	161004	174724	2.587	1.528 #
40)	L8 AR-1262-5	9.348	8.067f	83424	16244	1.181	0.326 #
41)	L9 AR-1268-1	8.590	7.511	66856	100857	0.274	0.557 #
42)	L9 AR-1268-2	8.695	7.585	251083	174724	1.105	1.024

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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
43) L9	AR-1268-3	8.918	7.791	35302	43819	0.184	0.297 #
44) L9	AR-1268-4	9.348	8.067f	83424	16244	1.084	0.291 #
45) L9	AR-1268-5	9.760	8.376	123724	176257	0.210	0.373 #

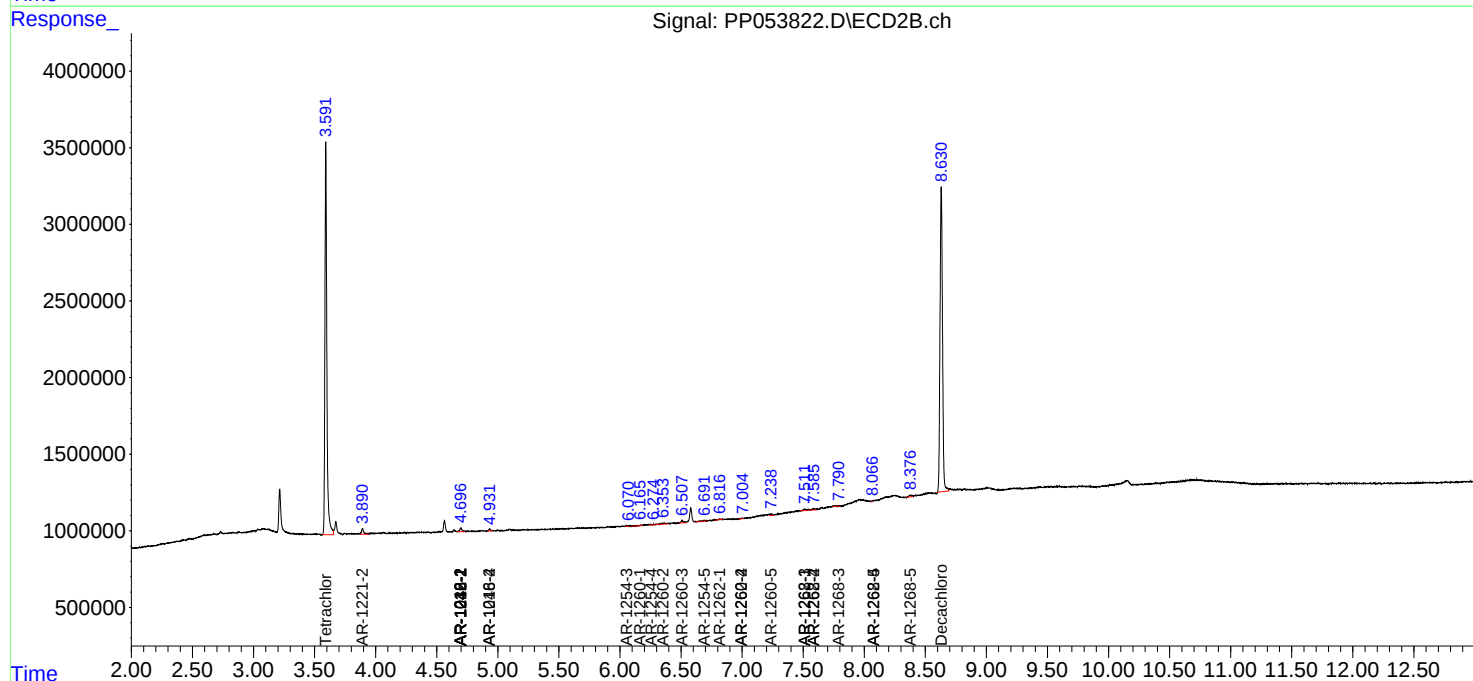
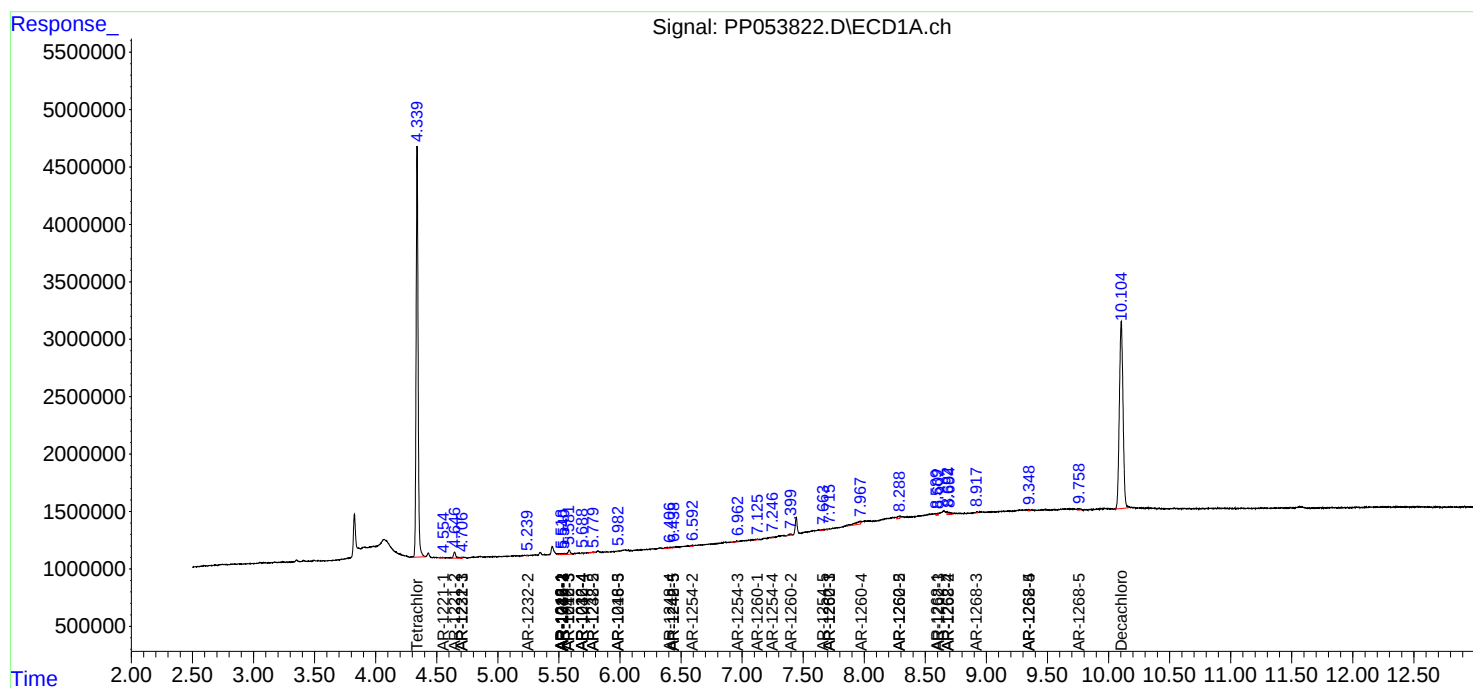
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

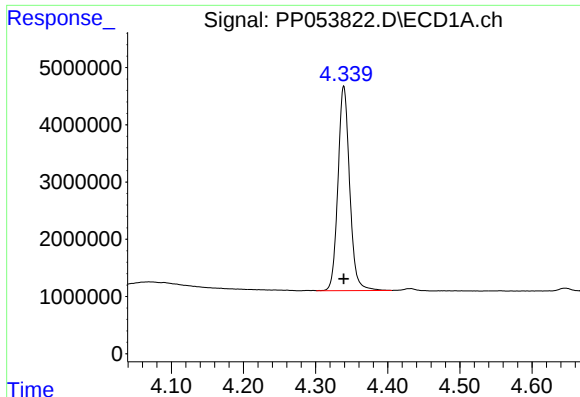
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Response via : Initial Calibration
Integrator: ChemStation

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

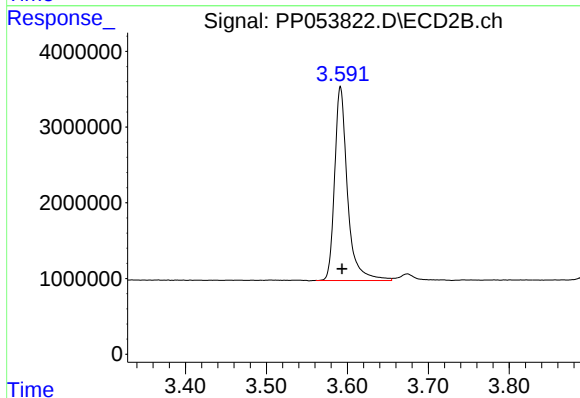




#1 Tetrachloro-m-xylene

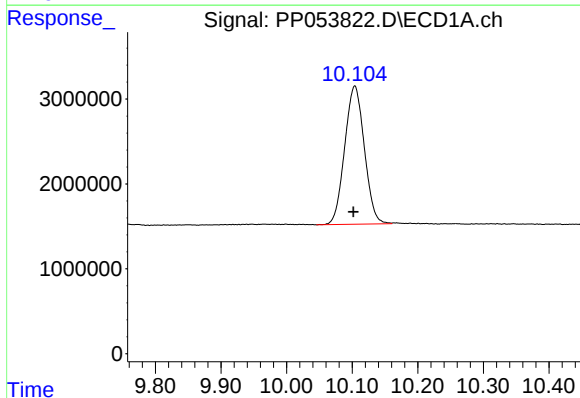
R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 40313513
Conc: 19.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



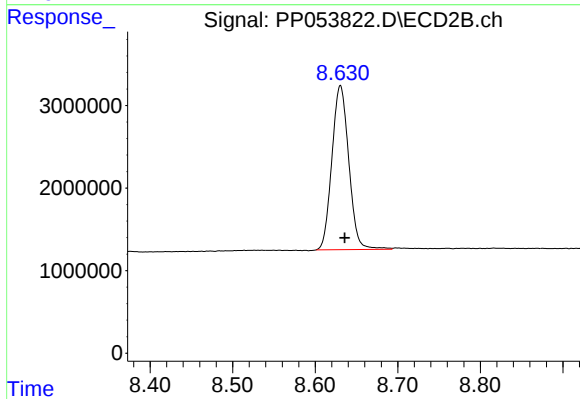
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.002 min
Response: 28244802
Conc: 18.09 ng/ml



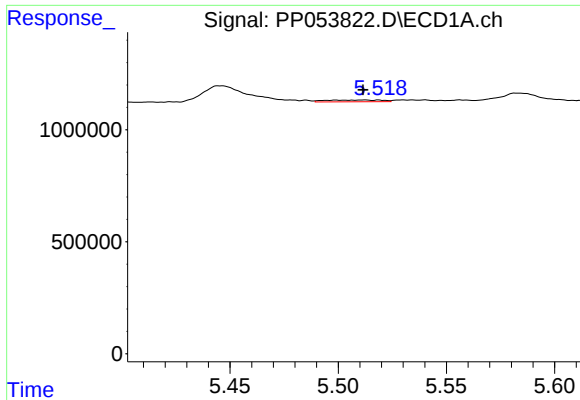
#2 Decachlorobiphenyl

R.T.: 10.104 min
Delta R.T.: 0.002 min
Response: 33872713
Conc: 19.95 ng/ml



#2 Decachlorobiphenyl

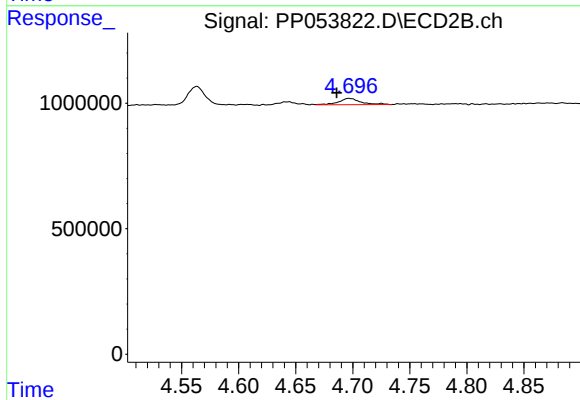
R.T.: 8.630 min
Delta R.T.: -0.005 min
Response: 28239647
Conc: 20.22 ng/ml



#3 AR-1016-1

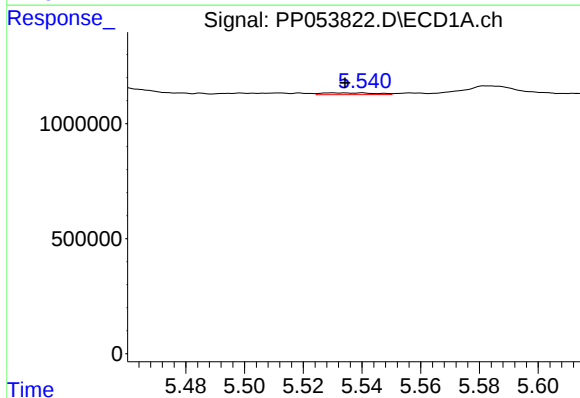
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 148208
Conc: 2.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



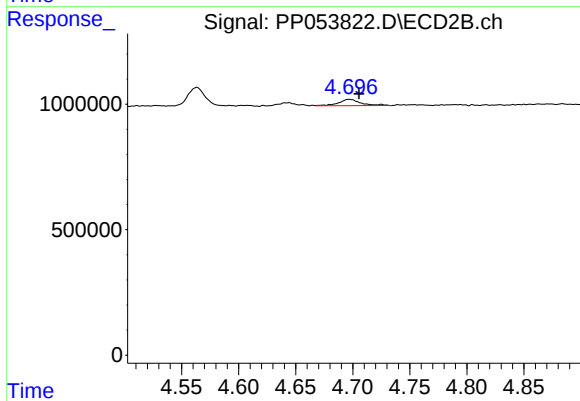
#3 AR-1016-1

R.T.: 4.697 min
Delta R.T.: 0.011 min
Response: 341254
Conc: 7.43 ng/ml



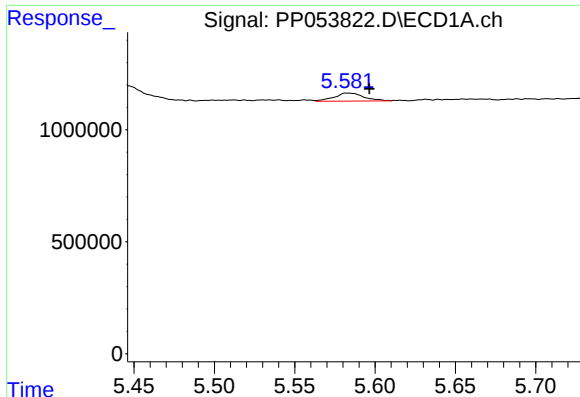
#4 AR-1016-2

R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 96047
Conc: 0.96 ng/ml



#4 AR-1016-2

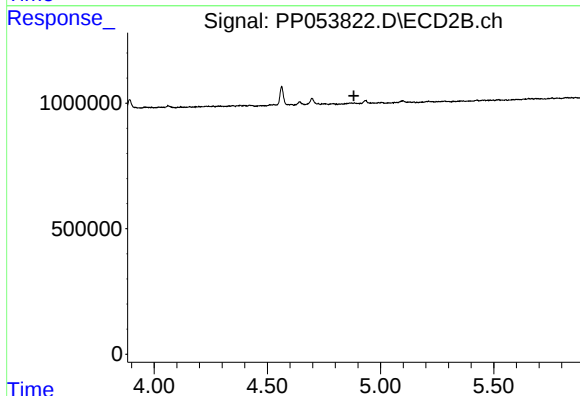
R.T.: 4.697 min
Delta R.T.: -0.009 min
Response: 341254
Conc: 5.45 ng/ml



#5 AR-1016-3

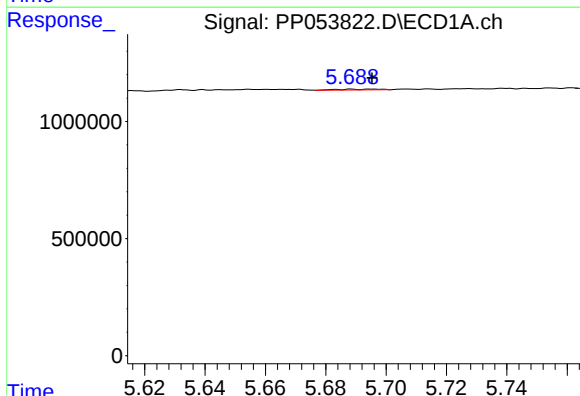
R.T.: 5.583 min
Delta R.T.: -0.014 min
Response: 465650
Conc: 7.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



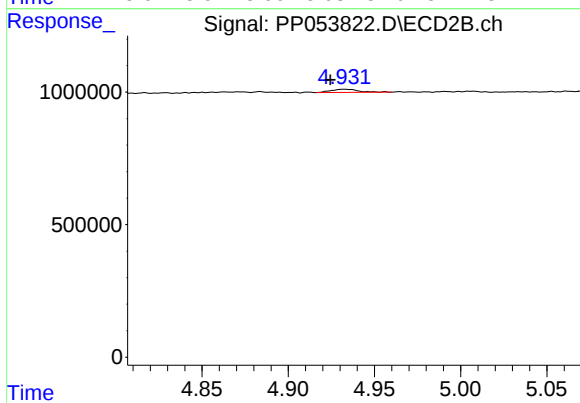
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.882 min
Response: 0
Conc: N.D.



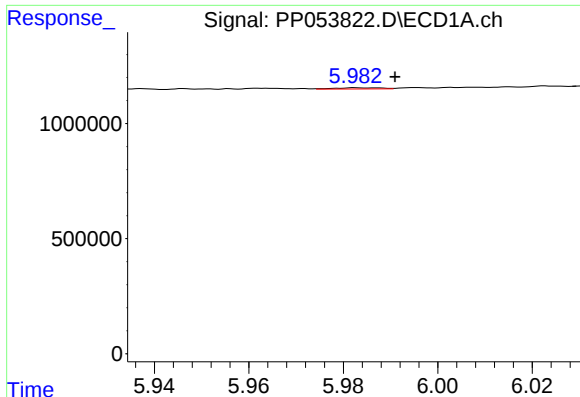
#6 AR-1016-4

R.T.: 5.688 min
Delta R.T.: -0.007 min
Response: 36137
Conc: 0.73 ng/ml



#6 AR-1016-4

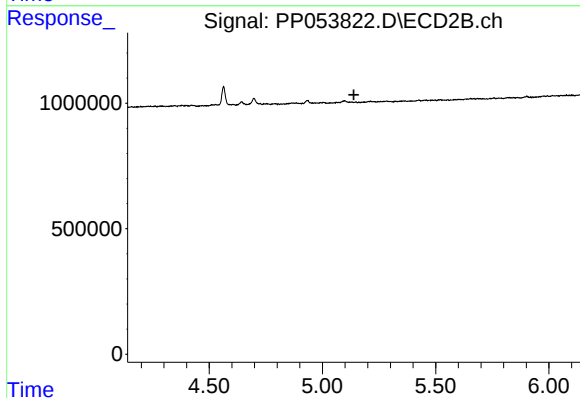
R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 130497
Conc: 4.38 ng/ml



#7 AR-1016-5

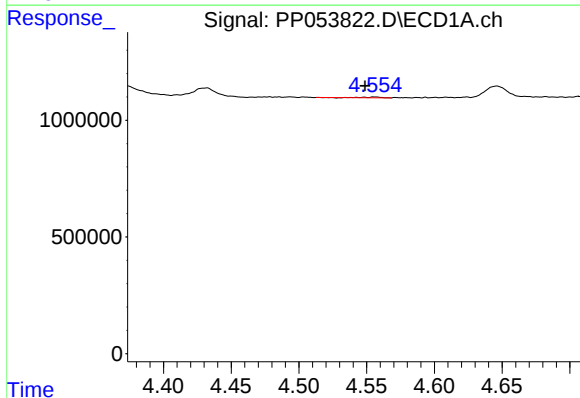
R.T.: 5.983 min
Delta R.T.: -0.008 min
Response: 33400
Conc: 0.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



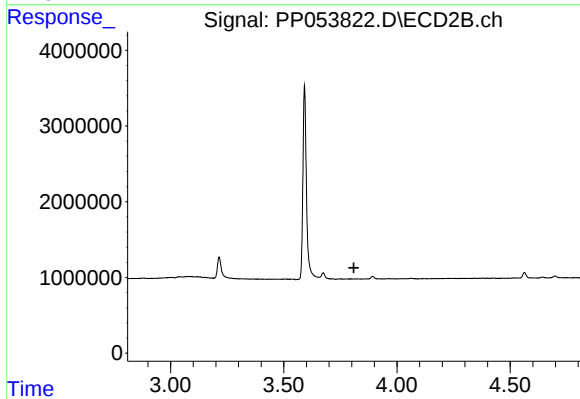
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



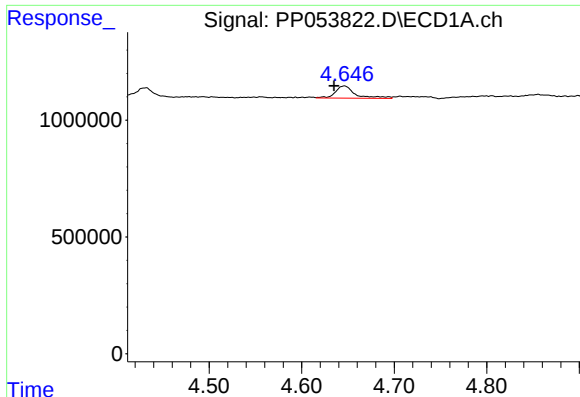
#8 AR-1221-1

R.T.: 4.556 min
Delta R.T.: 0.007 min
Response: 27350
Conc: 1.06 ng/ml



#8 AR-1221-1

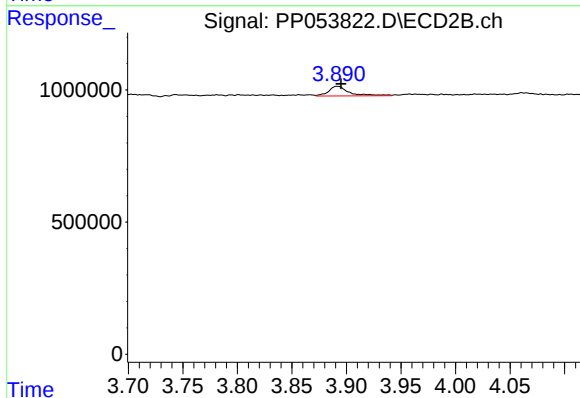
R.T.: 0.000 min
Exp R.T. : 3.810 min
Response: 0
Conc: N.D.



#9 AR-1221-2

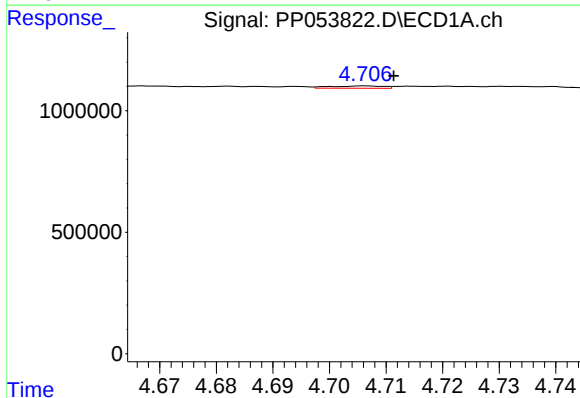
R.T.: 4.646 min
Delta R.T.: 0.011 min
Response: 790593
Conc: 40.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



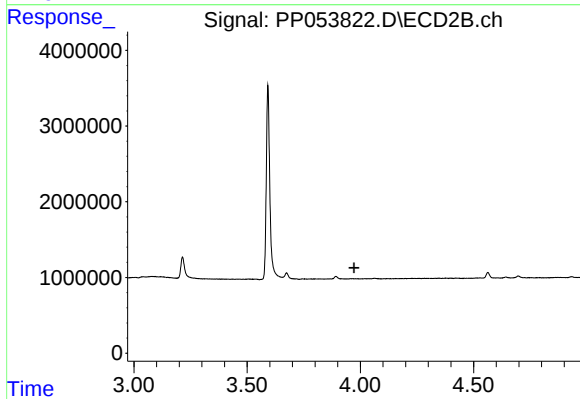
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.003 min
Response: 483196
Conc: 33.06 ng/ml



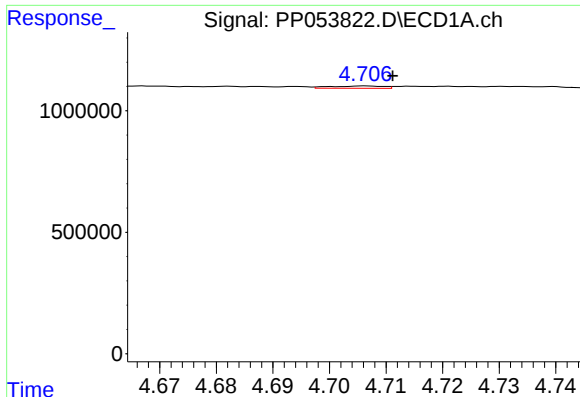
#10 AR-1221-3

R.T.: 4.706 min
Delta R.T.: -0.005 min
Response: 63588
Conc: 1.09 ng/ml



#10 AR-1221-3

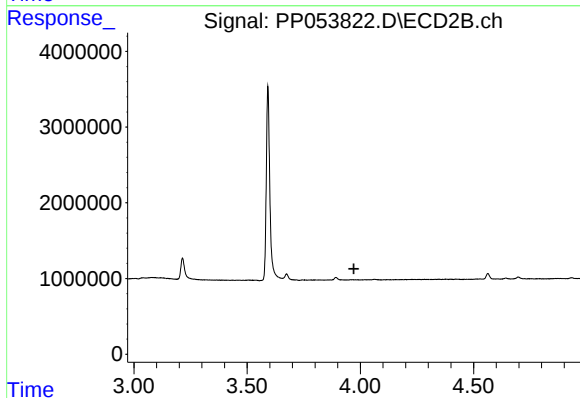
R.T.: 0.000 min
Exp R.T.: 3.972 min
Response: 0
Conc: N.D.



#11 AR-1232-1

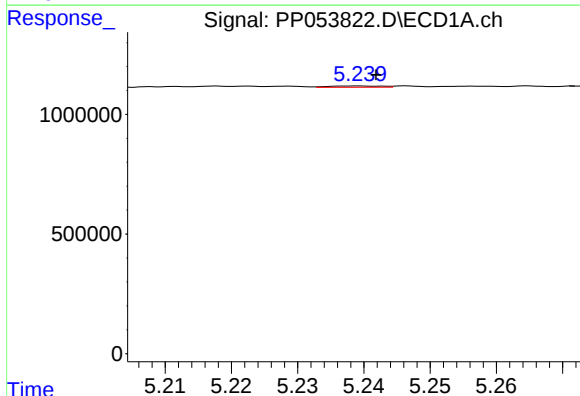
R.T.: 4.706 min
Delta R.T.: -0.005 min
Response: 63588
Conc: 1.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



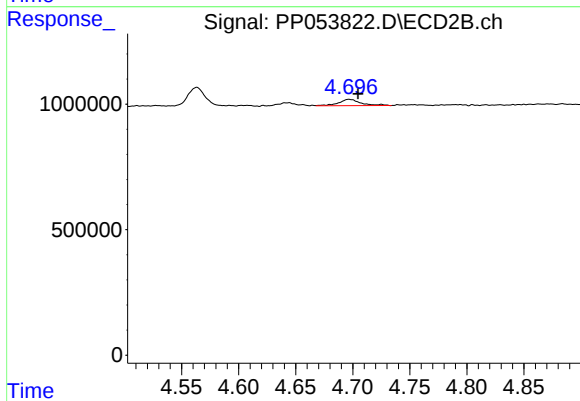
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.971 min
Response: 0
Conc: N.D.



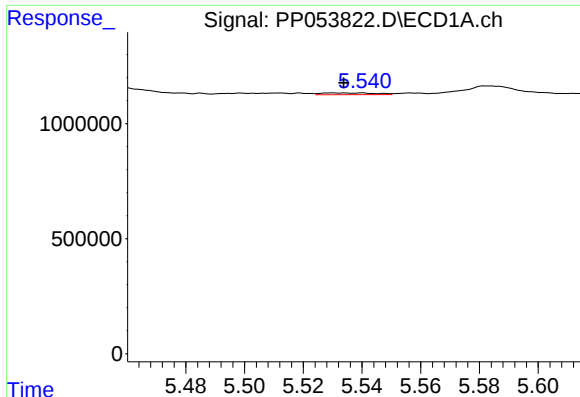
#12 AR-1232-2

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 30312
Conc: 1.18 ng/ml



#12 AR-1232-2

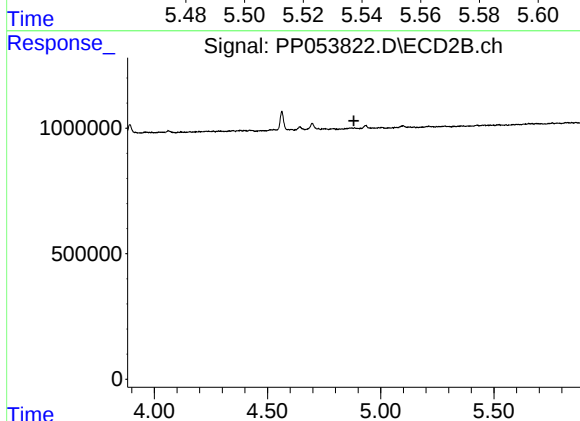
R.T.: 4.697 min
Delta R.T.: -0.008 min
Response: 341254
Conc: 11.43 ng/ml



#13 AR-1232-3

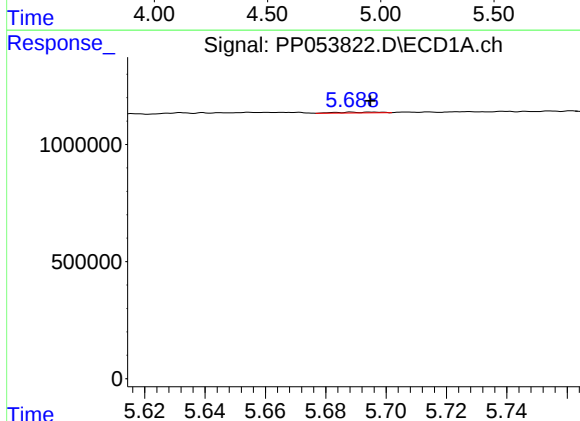
R.T.: 5.530 min
Delta R.T.: -0.004 min
Response: 96047
Conc: 2.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



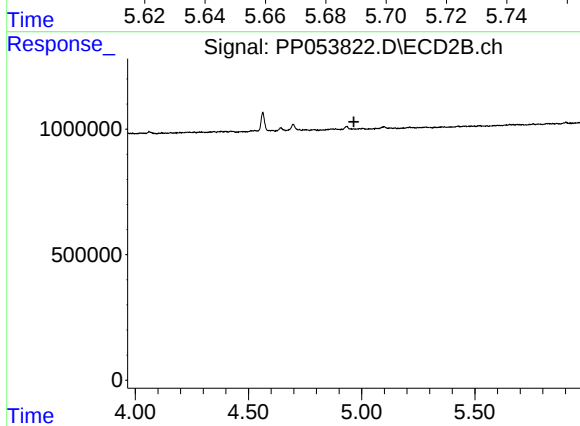
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.882 min
Response: 0
Conc: N.D.



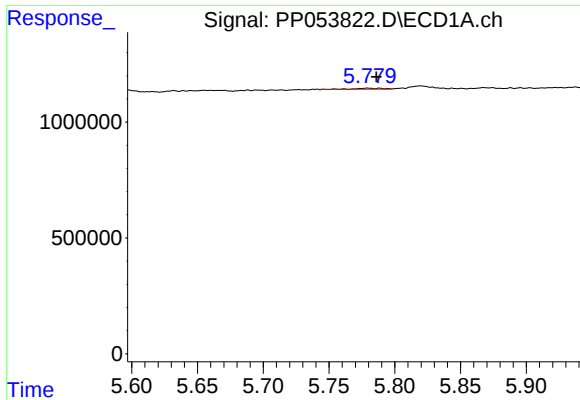
#14 AR-1232-4

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 36137
Conc: 1.53 ng/ml



#14 AR-1232-4

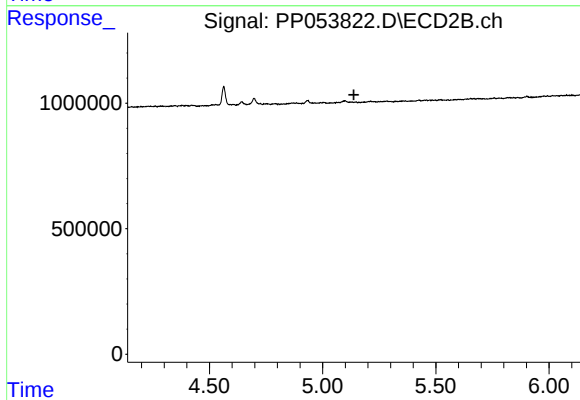
R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



#15 AR-1232-5

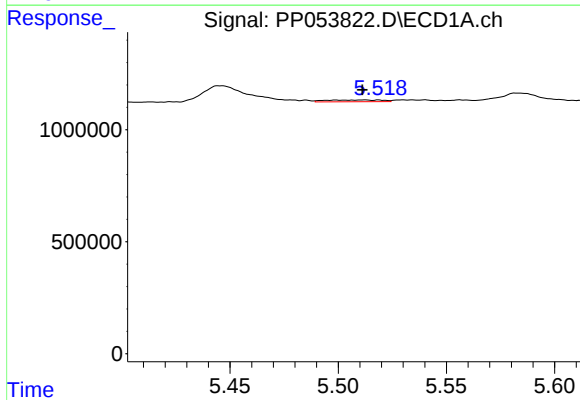
R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 52316
Conc: 2.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



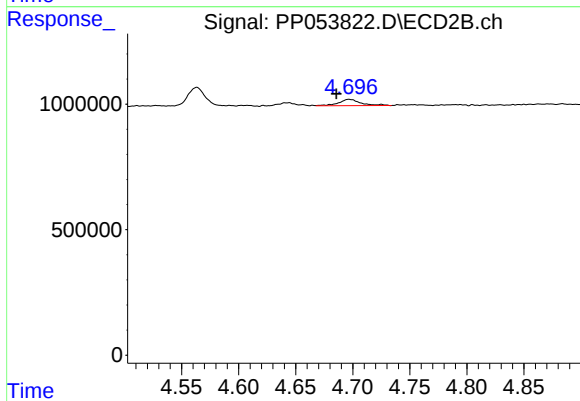
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.138 min
Response: 0
Conc: N.D.



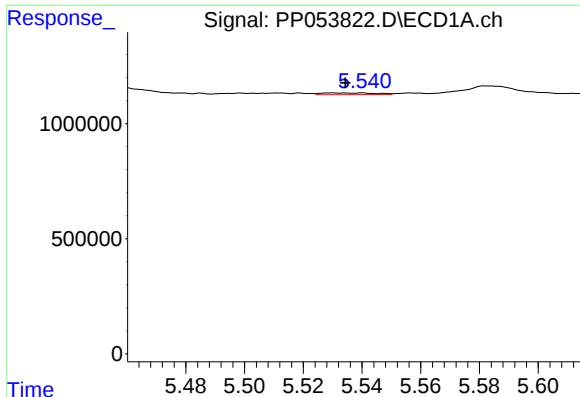
#16 AR-1242-1

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 148208
Conc: 2.83 ng/ml



#16 AR-1242-1

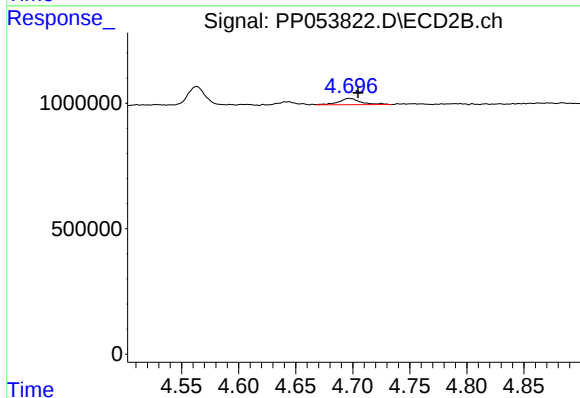
R.T.: 4.697 min
Delta R.T.: 0.011 min
Response: 341254
Conc: 9.64 ng/ml



#17 AR-1242-2

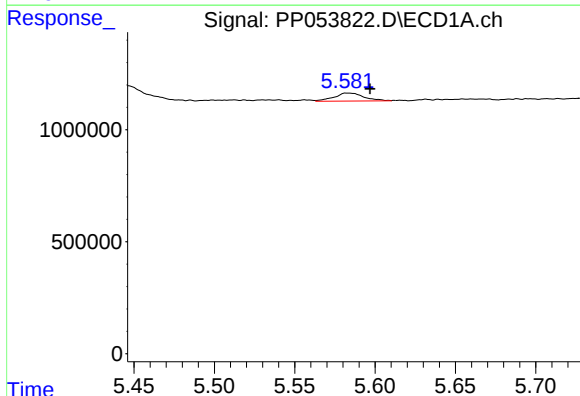
R.T.: 5.530 min
Delta R.T.: -0.005 min
Response: 96047
Conc: 1.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



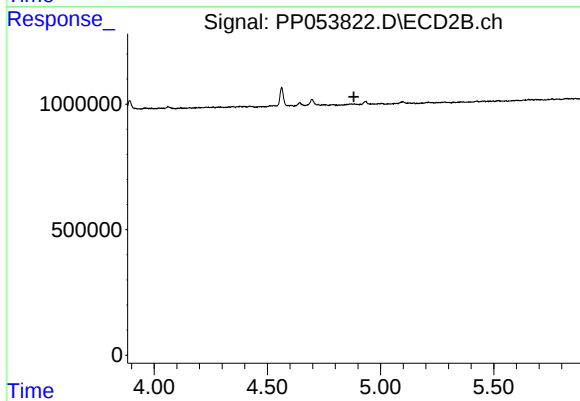
#17 AR-1242-2

R.T.: 4.697 min
Delta R.T.: -0.008 min
Response: 341254
Conc: 7.10 ng/ml



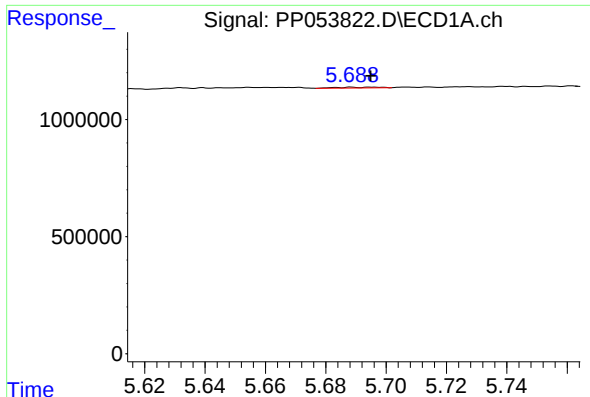
#18 AR-1242-3

R.T.: 5.583 min
Delta R.T.: -0.014 min
Response: 465650
Conc: 9.50 ng/ml



#18 AR-1242-3

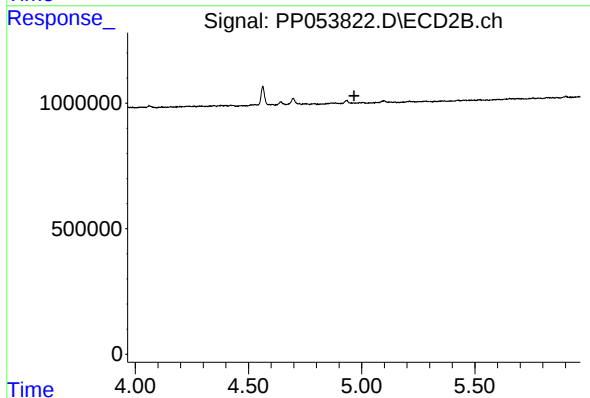
R.T.: 0.000 min
Exp R.T.: 4.882 min
Response: 0
Conc: N.D.



#19 AR-1242-4

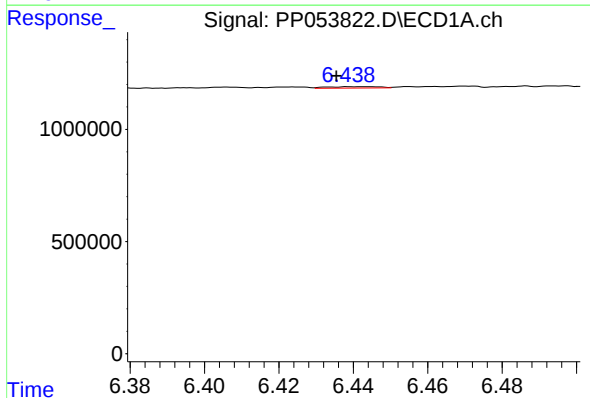
R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 36137
Conc: 0.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



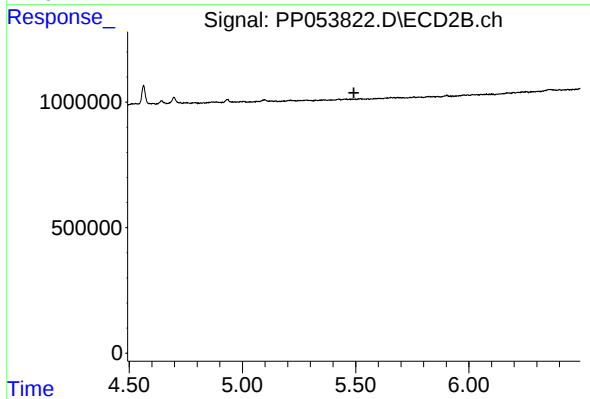
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



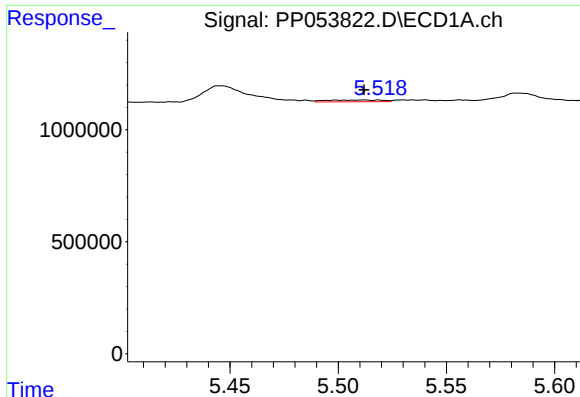
#20 AR-1242-5

R.T.: 6.443 min
Delta R.T.: 0.008 min
Response: 62442
Conc: 1.53 ng/ml



#20 AR-1242-5

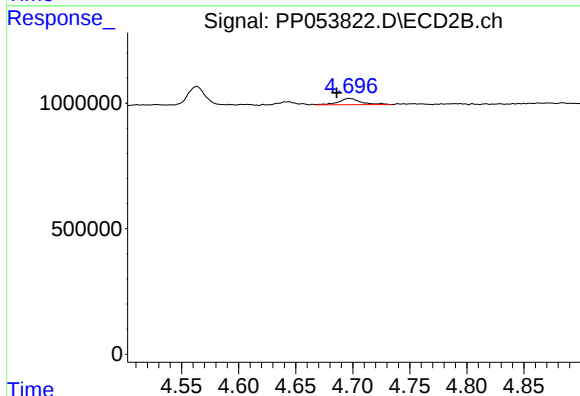
R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.



#21 AR-1248-1

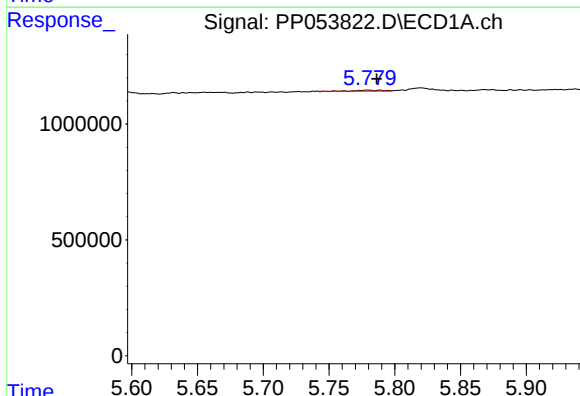
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 148208
Conc: 3.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



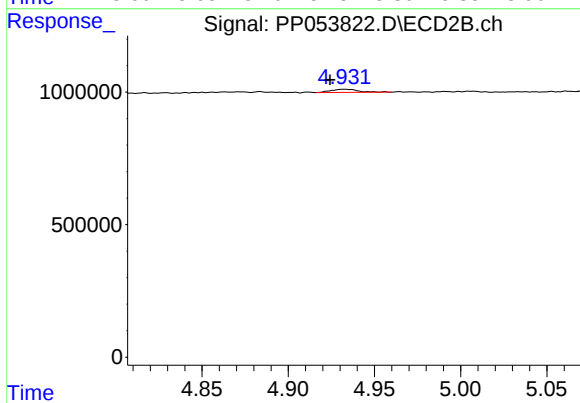
#21 AR-1248-1

R.T.: 4.697 min
Delta R.T.: 0.011 min
Response: 341254
Conc: 12.00 ng/ml



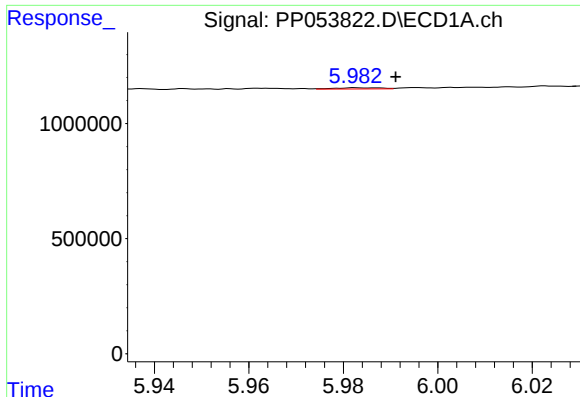
#22 AR-1248-2

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 52316
Conc: 0.83 ng/ml



#22 AR-1248-2

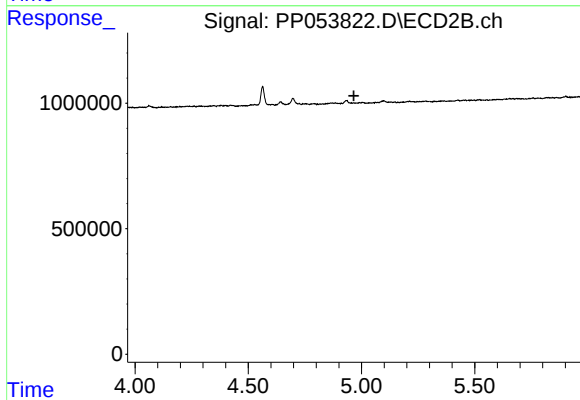
R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 130497
Conc: 3.15 ng/ml



#23 AR-1248-3

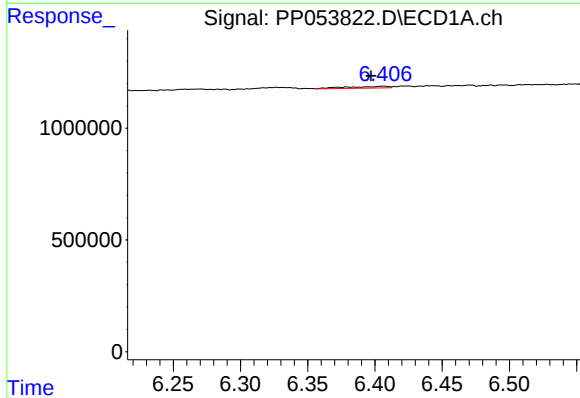
R.T.: 5.983 min
Delta R.T.: -0.008 min
Response: 33400
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



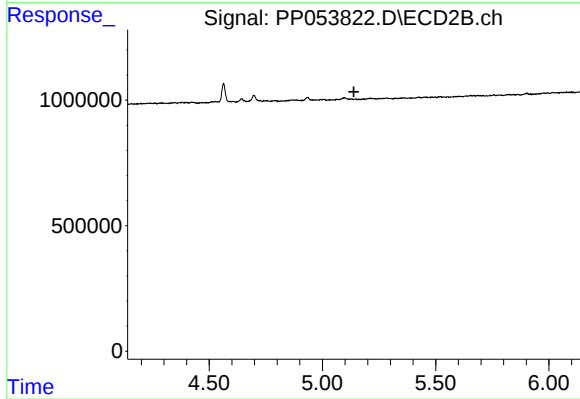
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



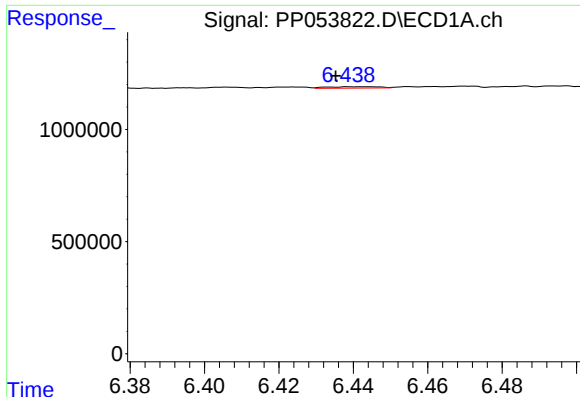
#24 AR-1248-4

R.T.: 6.406 min
Delta R.T.: 0.009 min
Response: 166865
Conc: 2.37 ng/ml



#24 AR-1248-4

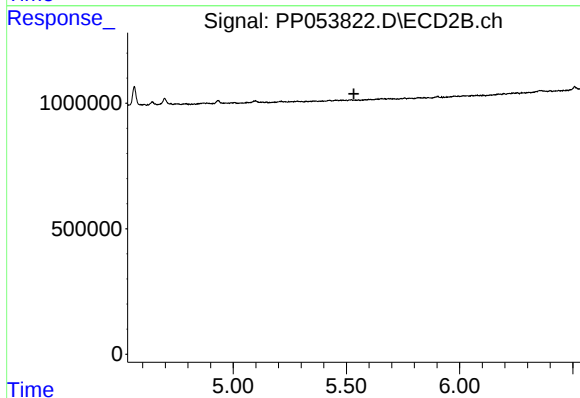
R.T.: 0.000 min
Exp R.T. : 5.138 min
Response: 0
Conc: N.D.



#25 AR-1248-5

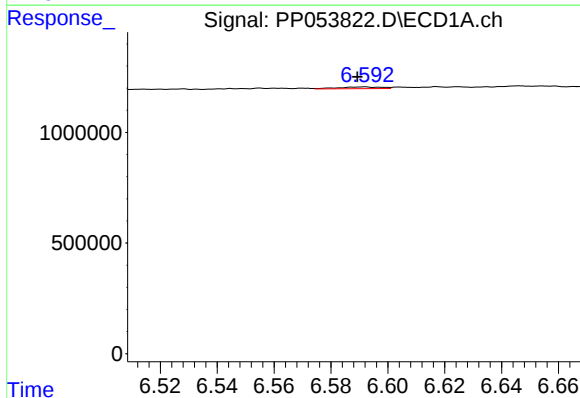
R.T.: 6.443 min
Delta R.T.: 0.008 min
Response: 62442
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



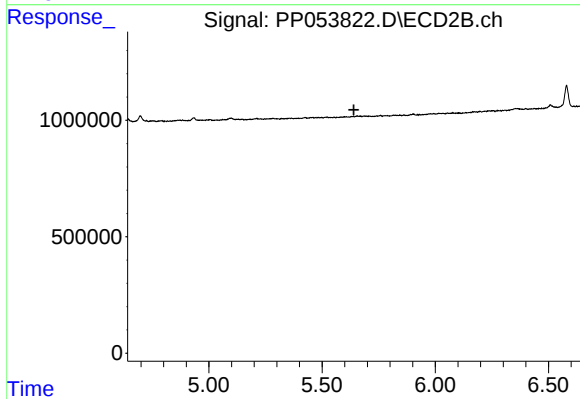
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



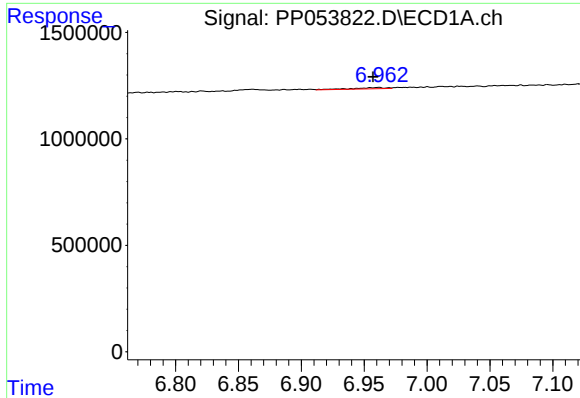
#27 AR-1254-2

R.T.: 6.592 min
Delta R.T.: 0.002 min
Response: 82311
Conc: 0.71 ng/ml



#27 AR-1254-2

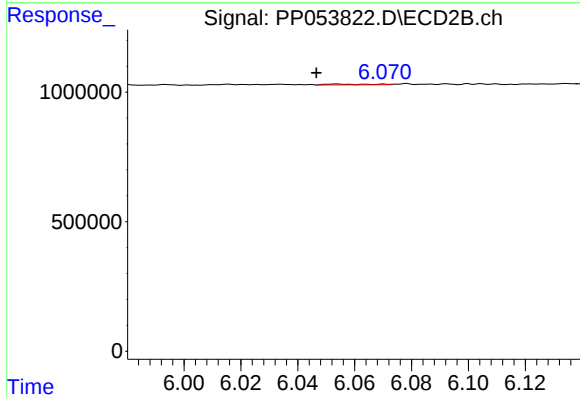
R.T.: 0.000 min
Exp R.T. : 5.640 min
Response: 0
Conc: N.D.



#28 AR-1254-3

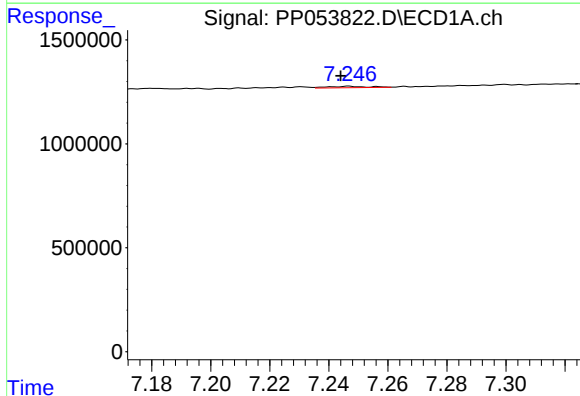
R.T.: 6.962 min
Delta R.T.: 0.004 min
Response: 110419
Conc: 0.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



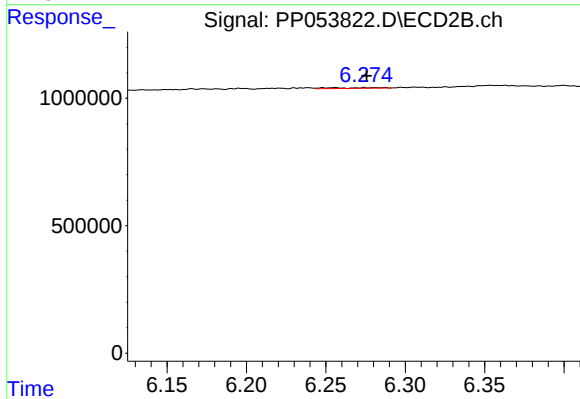
#28 AR-1254-3

R.T.: 6.053 min
Delta R.T.: 0.007 min
Response: 30680
Conc: 0.35 ng/ml



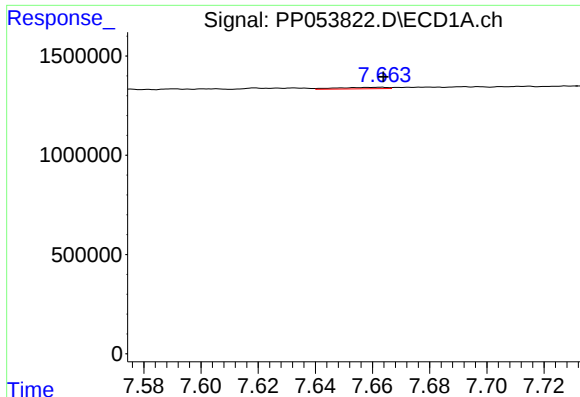
#29 AR-1254-4

R.T.: 7.247 min
Delta R.T.: 0.003 min
Response: 62204
Conc: 0.78 ng/ml



#29 AR-1254-4

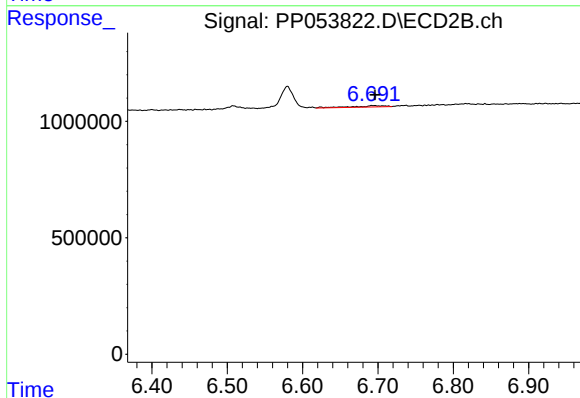
R.T.: 6.256 min
Delta R.T.: -0.020 min
Response: 55611
Conc: 1.21 ng/ml



#30 AR-1254-5

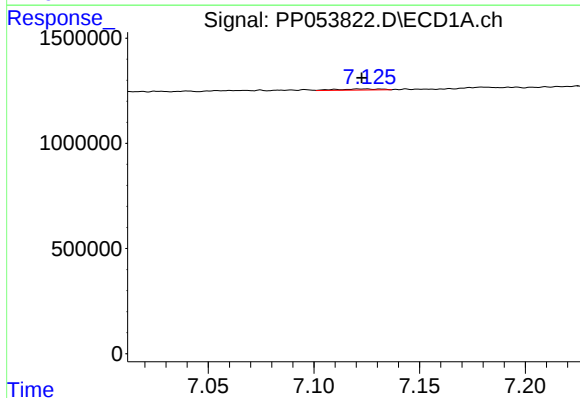
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 84743
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



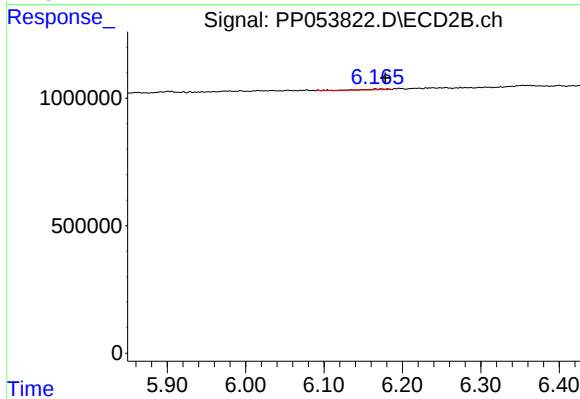
#30 AR-1254-5

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 154060
Conc: 1.98 ng/ml



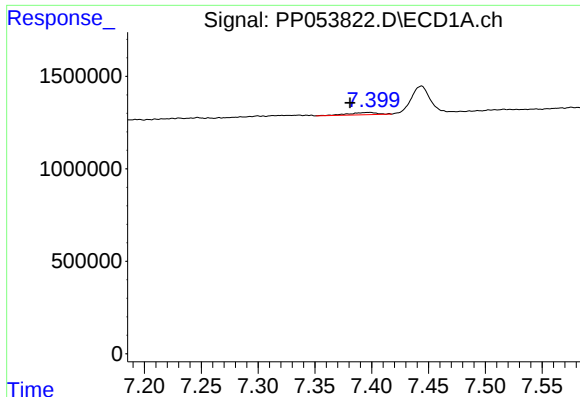
#31 AR-1260-1

R.T.: 7.125 min
Delta R.T.: 0.002 min
Response: 76205
Conc: 0.79 ng/ml



#31 AR-1260-1

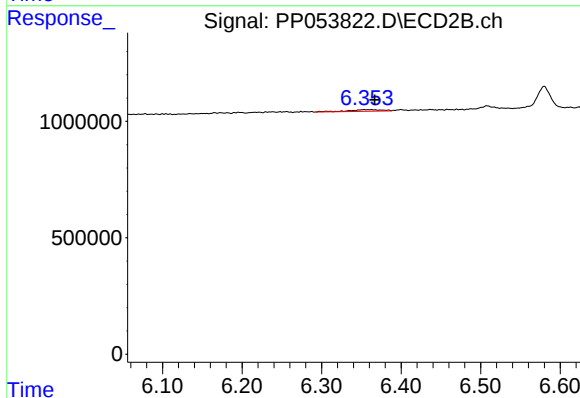
R.T.: 6.166 min
Delta R.T.: -0.013 min
Response: 71487
Conc: 1.10 ng/ml



#32 AR-1260-2

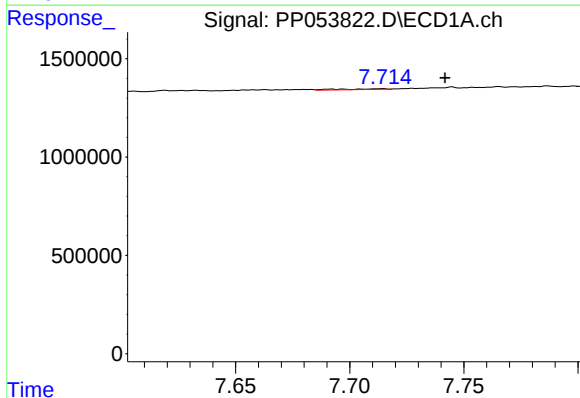
R.T.: 7.398 min
Delta R.T.: 0.017 min
Response: 224075
Conc: 2.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



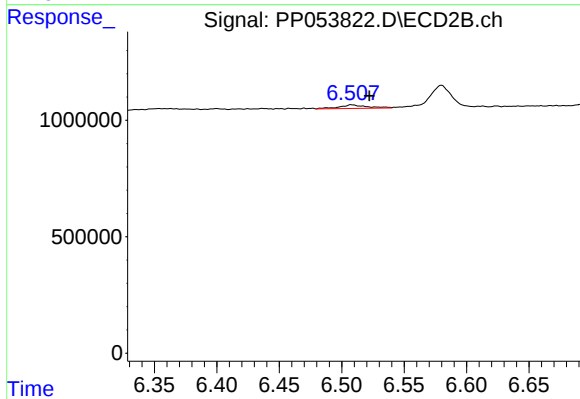
#32 AR-1260-2

R.T.: 6.354 min
Delta R.T.: -0.013 min
Response: 205219
Conc: 2.73 ng/ml



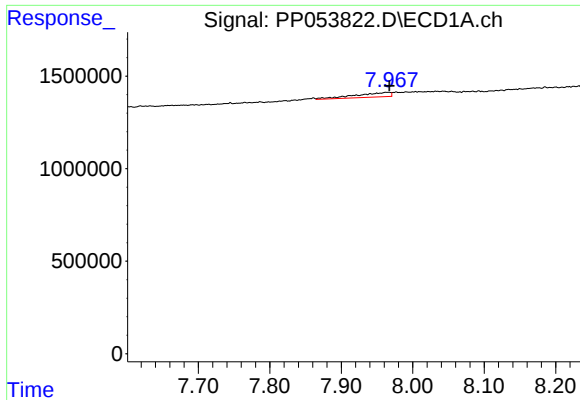
#33 AR-1260-3

R.T.: 7.714 min
Delta R.T.: -0.028 min
Response: 56827
Conc: 0.75 ng/ml



#33 AR-1260-3

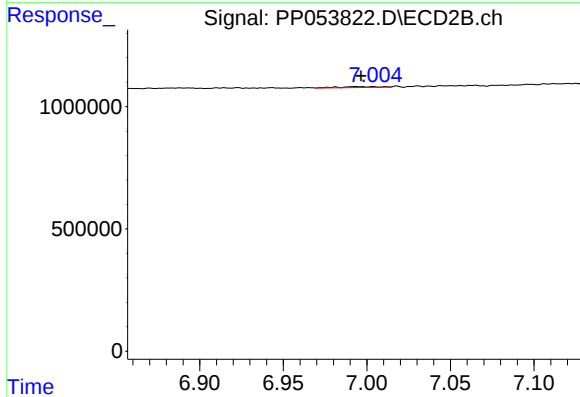
R.T.: 6.508 min
Delta R.T.: -0.014 min
Response: 240103
Conc: 3.31 ng/ml



#34 AR-1260-4

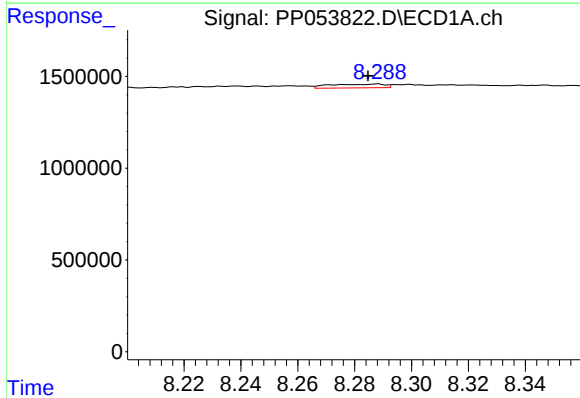
R.T.: 7.966 min
Delta R.T.: -0.001 min
Response: 807278
Conc: 8.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



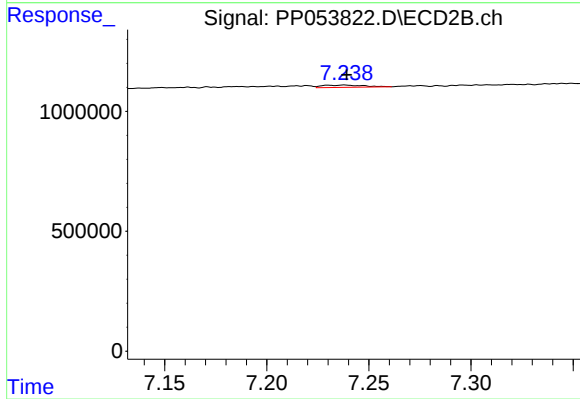
#34 AR-1260-4

R.T.: 6.993 min
Delta R.T.: -0.004 min
Response: 60315
Conc: 1.11 ng/ml



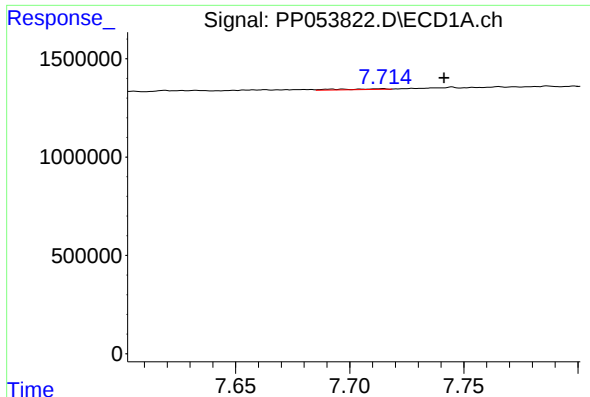
#35 AR-1260-5

R.T.: 8.288 min
Delta R.T.: 0.003 min
Response: 276263
Conc: 1.74 ng/ml



#35 AR-1260-5

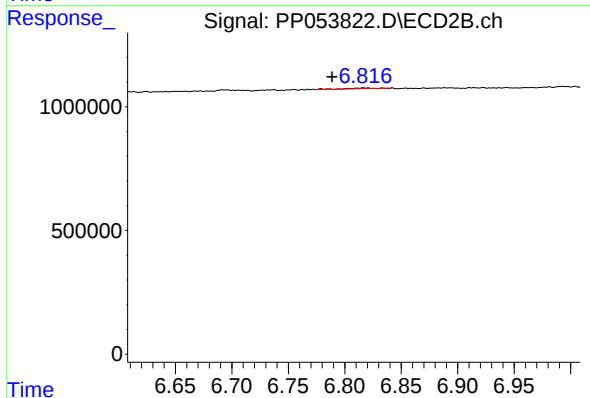
R.T.: 7.238 min
Delta R.T.: -0.001 min
Response: 131360
Conc: 1.10 ng/ml



#36 AR-1262-1

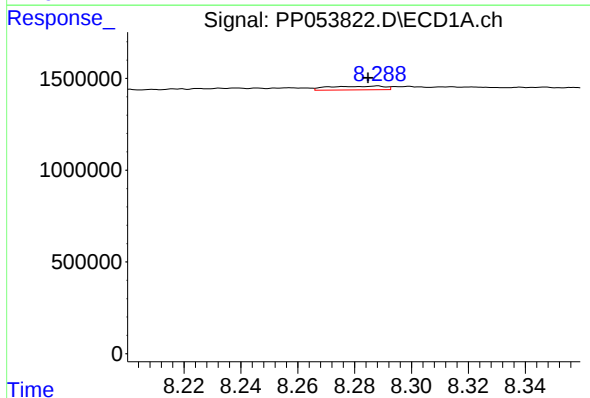
R.T.: 7.714 min
Delta R.T.: -0.027 min
Response: 56827
Conc: 0.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



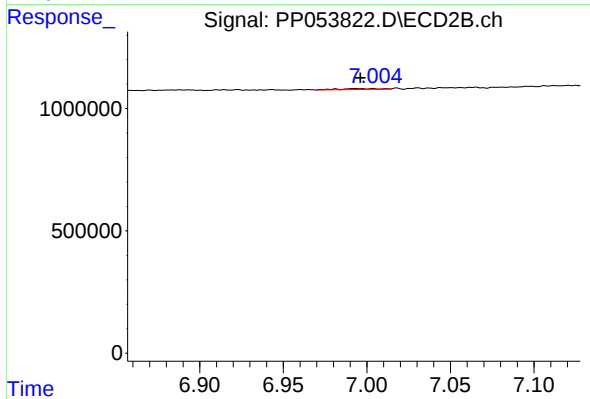
#36 AR-1262-1

R.T.: 6.817 min
Delta R.T.: 0.028 min
Response: 50747
Conc: 1.42 ng/ml



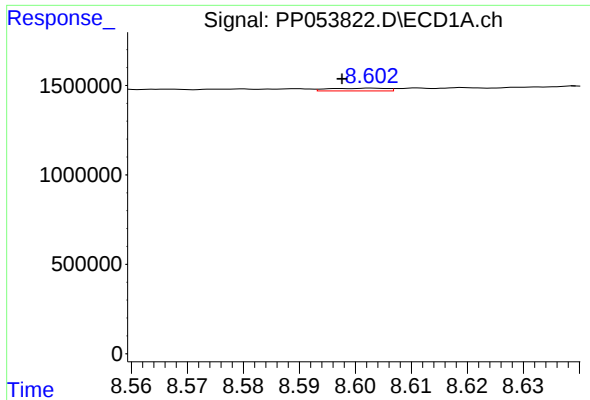
#37 AR-1262-2

R.T.: 8.288 min
Delta R.T.: 0.003 min
Response: 276263
Conc: 1.44 ng/ml



#37 AR-1262-2

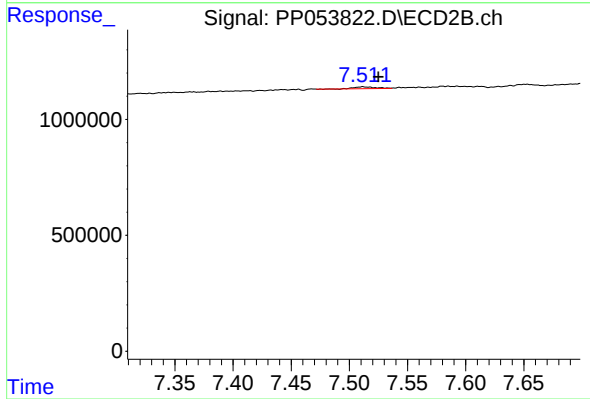
R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 60315
Conc: 0.78 ng/ml



#38 AR-1262-3

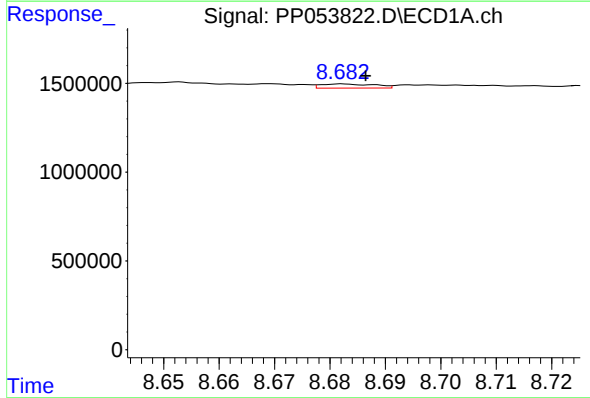
R.T.: 8.603 min
Delta R.T.: 0.005 min
Response: 108874
Conc: 0.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



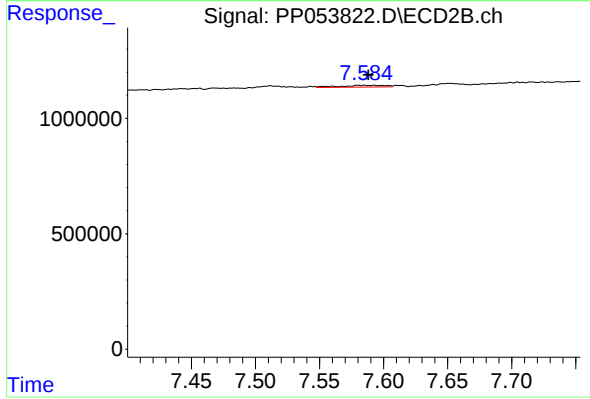
#38 AR-1262-3

R.T.: 7.511 min
Delta R.T.: -0.014 min
Response: 100857
Conc: 1.60 ng/ml



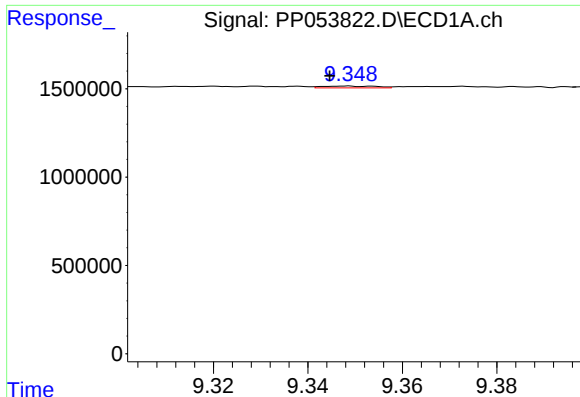
#39 AR-1262-4

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 161004
Conc: 2.59 ng/ml



#39 AR-1262-4

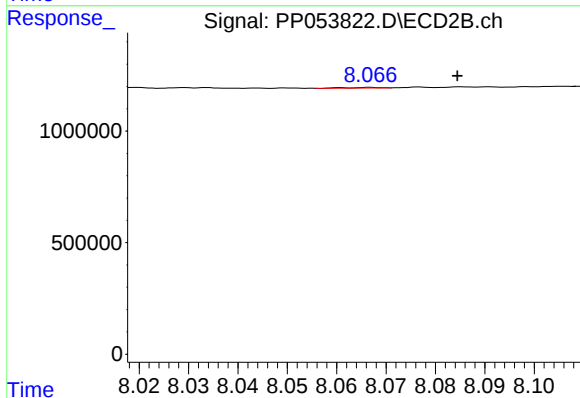
R.T.: 7.585 min
Delta R.T.: -0.003 min
Response: 174724
Conc: 1.53 ng/ml



#40 AR-1262-5

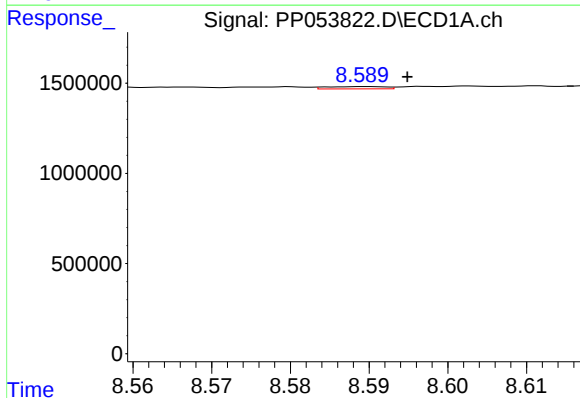
R.T.: 9.348 min
Delta R.T.: 0.004 min
Response: 83424
Conc: 1.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



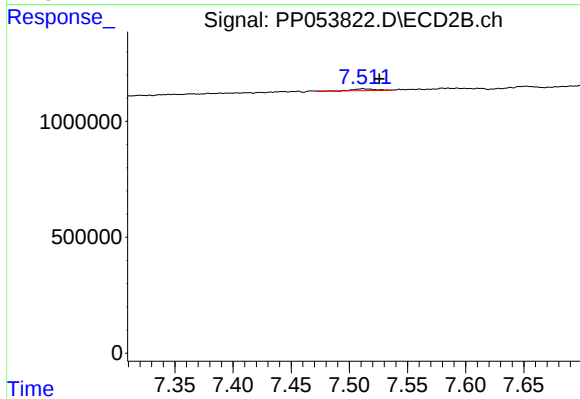
#40 AR-1262-5

R.T.: 8.067 min
Delta R.T.: -0.018 min
Response: 16244
Conc: 0.33 ng/ml



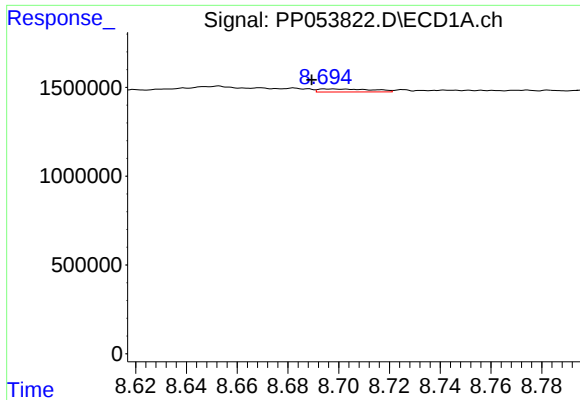
#41 AR-1268-1

R.T.: 8.590 min
Delta R.T.: -0.005 min
Response: 66856
Conc: 0.27 ng/ml



#41 AR-1268-1

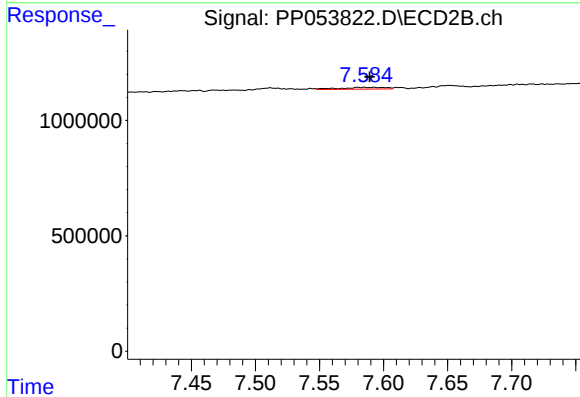
R.T.: 7.511 min
Delta R.T.: -0.014 min
Response: 100857
Conc: 0.56 ng/ml



#42 AR-1268-2

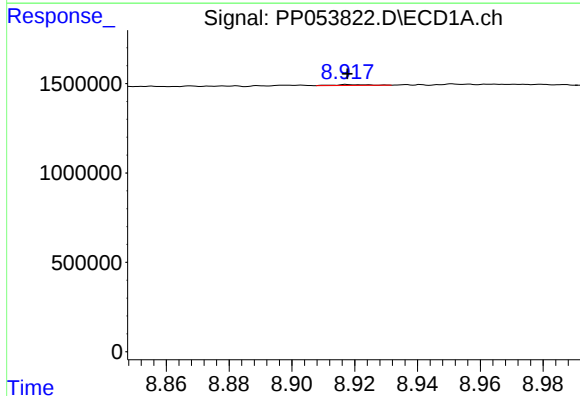
R.T.: 8.695 min
Delta R.T.: 0.006 min
Response: 251083
Conc: 1.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



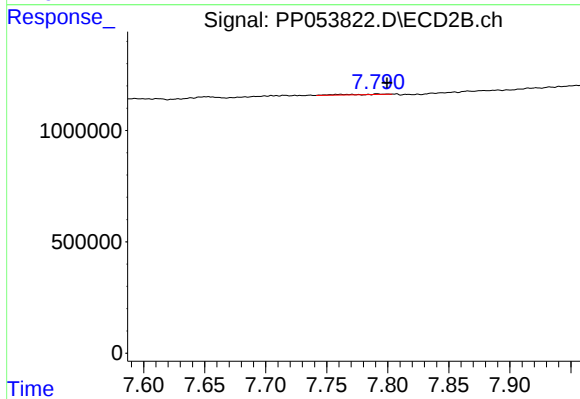
#42 AR-1268-2

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 174724
Conc: 1.02 ng/ml



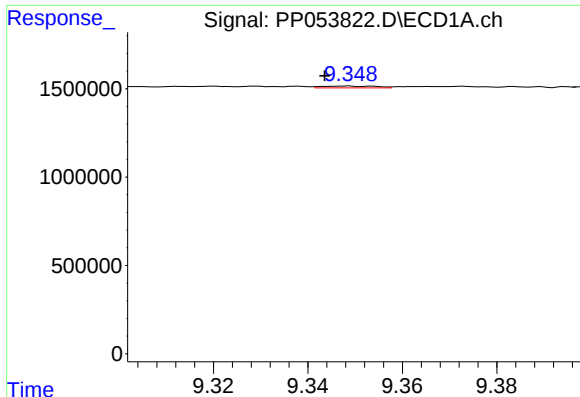
#43 AR-1268-3

R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 35302
Conc: 0.18 ng/ml



#43 AR-1268-3

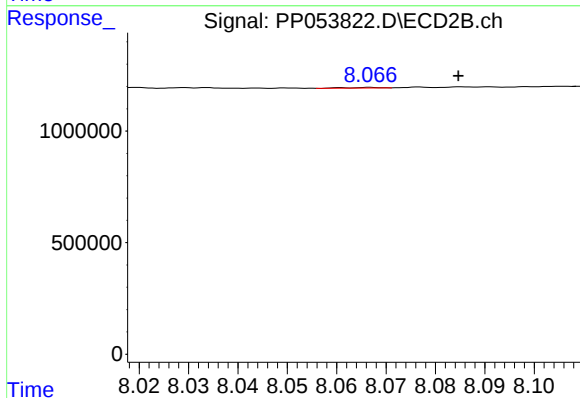
R.T.: 7.791 min
Delta R.T.: -0.008 min
Response: 43819
Conc: 0.30 ng/ml



#44 AR-1268-4

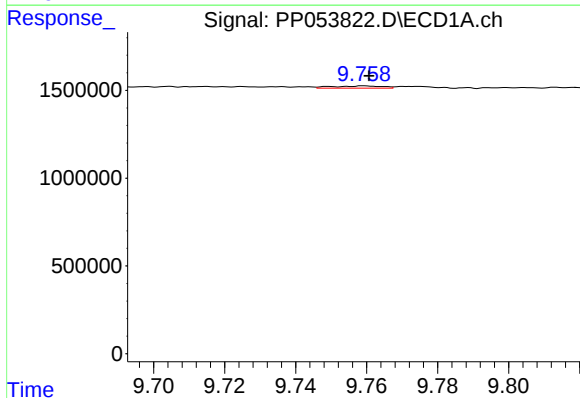
R.T.: 9.348 min
Delta R.T.: 0.005 min
Response: 83424
Conc: 1.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



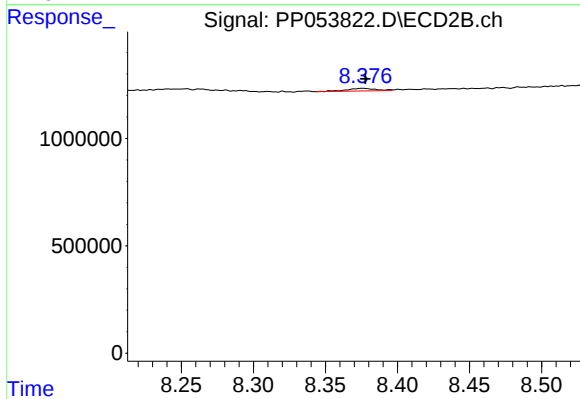
#44 AR-1268-4

R.T.: 8.067 min
Delta R.T.: -0.018 min
Response: 16244
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 9.760 min
Delta R.T.: -0.001 min
Response: 123724
Conc: 0.21 ng/ml



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.002 min
Response: 176257
Conc: 0.37 ng/ml