

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081123\
 Data File : PP059321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 10:36
 Operator : YP\AJ
 Sample : 03572-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 17:23:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.413	3.644	21126473	36321945	17.217	17.927
2)	SA Decachlor...	10.205	8.680	17381915	32186797	22.774	22.879
Target Compounds							
3)	L1 AR-1016-1	5.590	4.737	996566	1823626	25.365	28.433
4)	L1 AR-1016-2	5.613	4.756	1350240	2326417	23.819	25.610
5)	L1 AR-1016-3	5.675	4.932	847051	1296976	23.612	26.994
6)	L1 AR-1016-4	5.773	4.975	647046	1121196	22.337	27.153
7)	L1 AR-1016-5	6.070	5.188	736961	1210384	24.351	23.262
8)	L2 AR-1221-1	4.625	3.861	124716	70319	7.916	2.590 #
9)	L2 AR-1221-2	4.722	3.946	512809	783829	43.426	39.369
10)	L2 AR-1221-3	4.787	4.022	751377	1092430	21.338	18.350
11)	L3 AR-1232-1	4.787	4.022	751377	1092430	25.560	23.024
12)	L3 AR-1232-2	5.320	4.756	707564	2326417	45.394	54.844
13)	L3 AR-1232-3	5.613	4.932	1350240	1296976	51.135	58.455
14)	L3 AR-1232-4	5.773	5.017	647046	1338782	48.891	63.406 #
15)	L3 AR-1232-5	5.866	5.188	679970	1210384	59.570	52.803
16)	L4 AR-1242-1	5.590	4.737	996566	1823626	29.113	32.585
17)	L4 AR-1242-2	5.613	4.756	1350240	2326417	27.517	29.176
18)	L4 AR-1242-3	5.675	4.932	847051	1296976	26.960	30.432
19)	L4 AR-1242-4	5.773	5.017	647046	1338782	25.232	30.660
20)	L4 AR-1242-5	6.513	5.542	260922	1391887	10.100	28.021 #
21)	L5 AR-1248-1	5.590	4.737	996566	1823626	39.265	44.330
22)	L5 AR-1248-2	5.866	4.975	679970	1121196	17.568	18.619
23)	L5 AR-1248-3	6.070	5.017	736961	1338782	17.445	21.730
24)	L5 AR-1248-4	6.474	5.188	298087	1210384	7.160	16.812 #
25)	L5 AR-1248-5	6.513	5.585	260922	466408	6.397	7.068
26)	L6 AR-1254-1	6.449	5.542	721081	1391887	15.436	13.738
27)	L6 AR-1254-2	6.669	5.692	674683	1156230	9.805	13.098 #
28)	L6 AR-1254-3	7.038	6.111	477236	1697785	6.914	12.281 #
29)	L6 AR-1254-4	7.328	6.329	572242	194558	12.712	2.420 #
30)	L6 AR-1254-5	7.742	6.745	1703814	3083939	36.261	25.788 #
31)	L7 AR-1260-1	7.201	6.227	1534060	2710687	28.040	27.370
32)	L7 AR-1260-2	7.460	6.417	1664860	4046525	27.963	34.972 #
33)	L7 AR-1260-3	7.821	6.570	1199998	3176682	30.492	28.559
34)	L7 AR-1260-4	8.047	7.044	1061886	2160238	23.909	24.918
35)	L7 AR-1260-5	8.367	7.287	2265390	5498617	28.328	29.831
36)	L8 AR-1262-1	7.821	6.837	1199998	1256202	18.841	21.834
37)	L8 AR-1262-2	8.367	7.044	2265390	2160238	24.668	18.307 #
38)	L8 AR-1262-3	8.695	7.572	1451937	1277647	22.562	15.014 #
39)	L8 AR-1262-4	8.761f	7.635	608534	3539803	18.326	23.433 #
40)	L8 AR-1262-5	9.433	8.133	520535	1357893	17.443	21.292
41)	L9 AR-1268-1	8.695	7.572	1451937	1277647	12.785	5.240 #

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 Operator : YP\AJ
 Sample : 03572-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

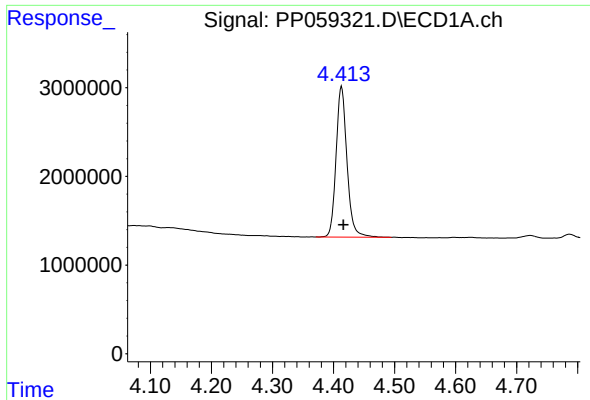
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 17:23:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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 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	8.761f	7.635	608534	3539803	6.183	16.162 #
43) L9	AR-1268-3	9.006	7.845	63327	187689	0.683	0.960 #
44) L9	AR-1268-4	9.433	8.133	520535	1357893	16.317	19.513
45) L9	AR-1268-5	9.857	8.425	222127	468055	0.818	0.903

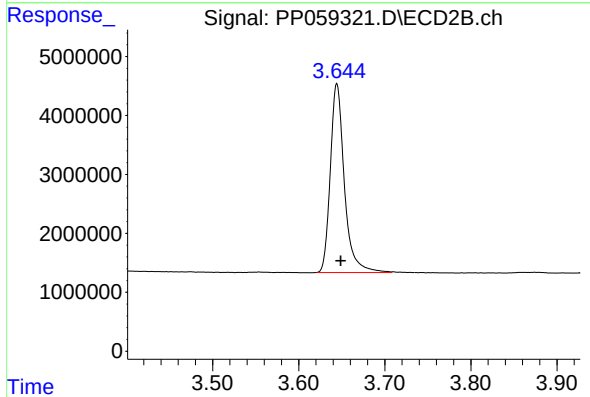
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

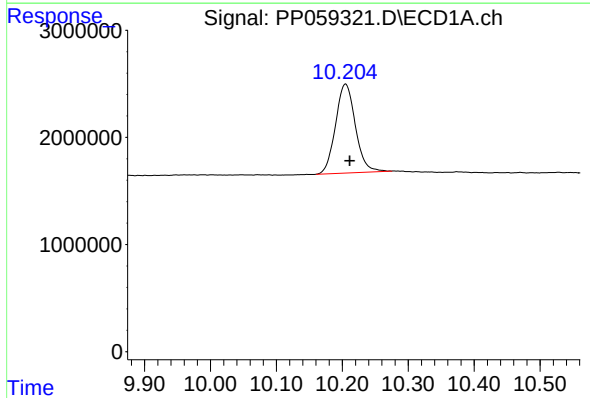
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 21126473
Conc: 17.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



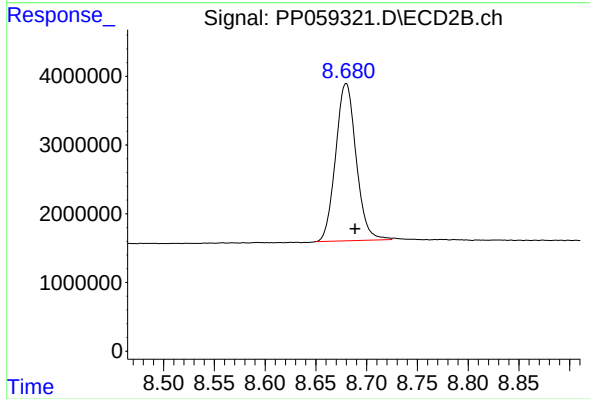
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 36321945
Conc: 17.93 ng/ml



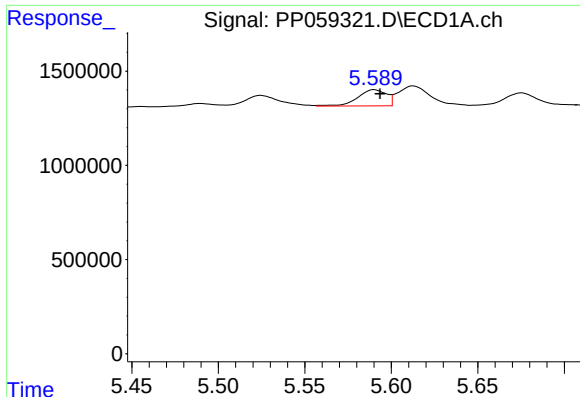
#2 Decachlorobiphenyl

R.T.: 10.205 min
Delta R.T.: -0.006 min
Response: 17381915
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

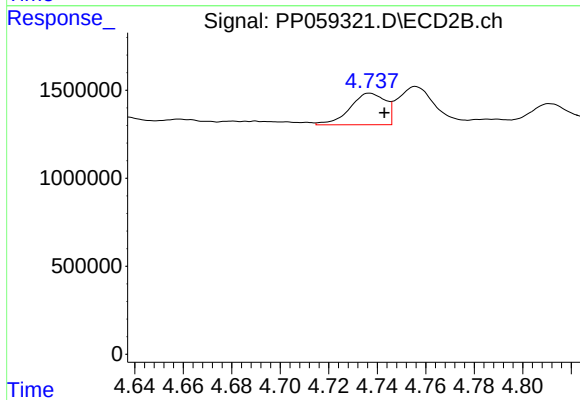
R.T.: 8.680 min
Delta R.T.: -0.009 min
Response: 32186797
Conc: 22.88 ng/ml



#3 AR-1016-1

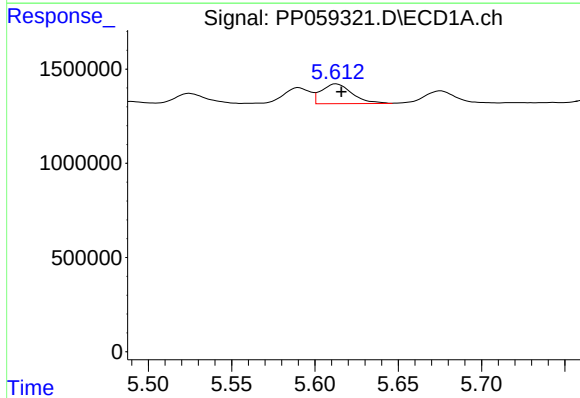
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 996566
Conc: 25.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



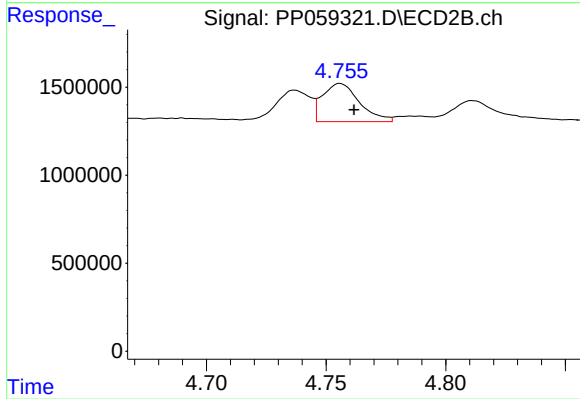
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 1823626
Conc: 28.43 ng/ml



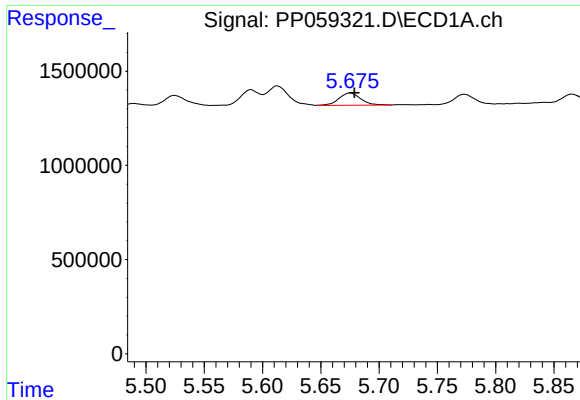
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1350240
Conc: 23.82 ng/ml



#4 AR-1016-2

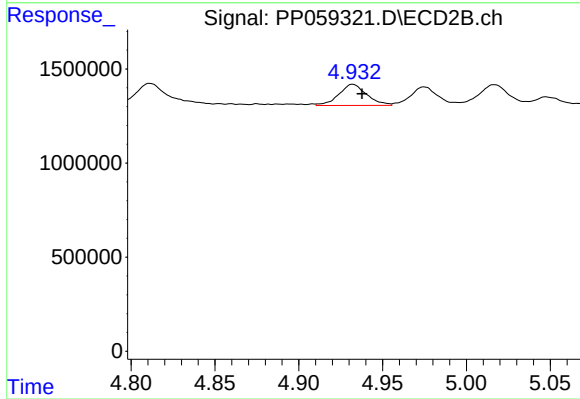
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 2326417
Conc: 25.61 ng/ml



#5 AR-1016-3

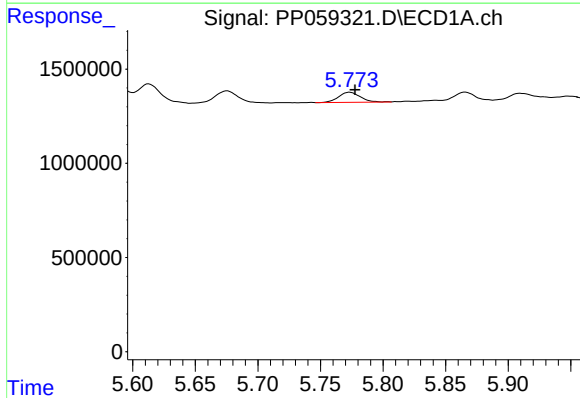
R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 847051
Conc: 23.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



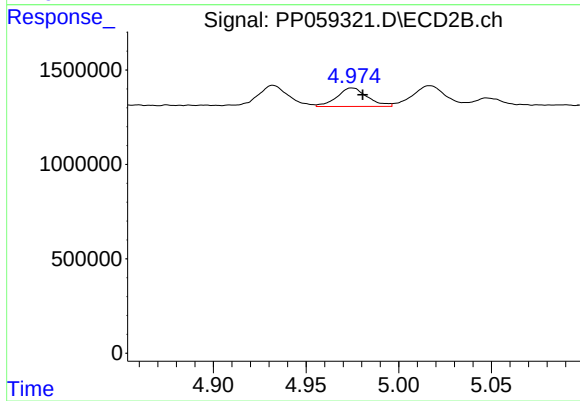
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: -0.006 min
Response: 1296976
Conc: 26.99 ng/ml



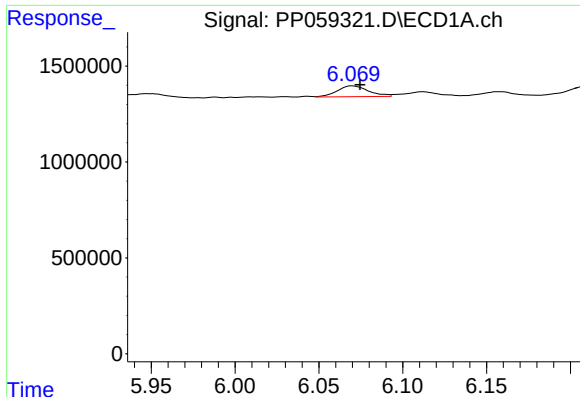
#6 AR-1016-4

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 647046
Conc: 22.34 ng/ml



#6 AR-1016-4

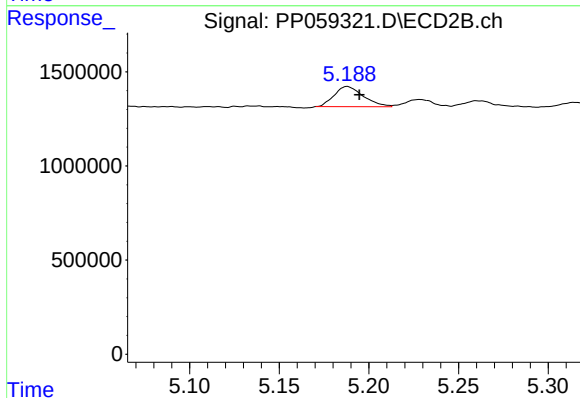
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 1121196
Conc: 27.15 ng/ml



#7 AR-1016-5

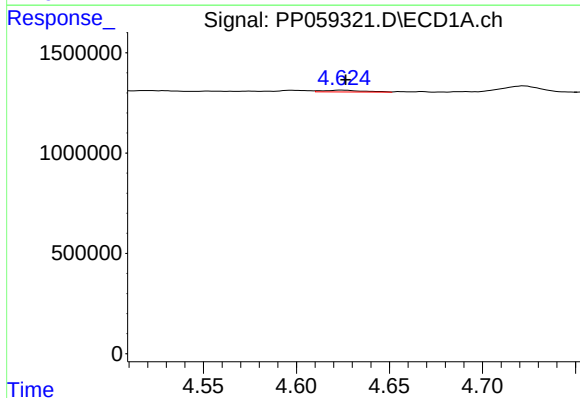
R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 736961
Conc: 24.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



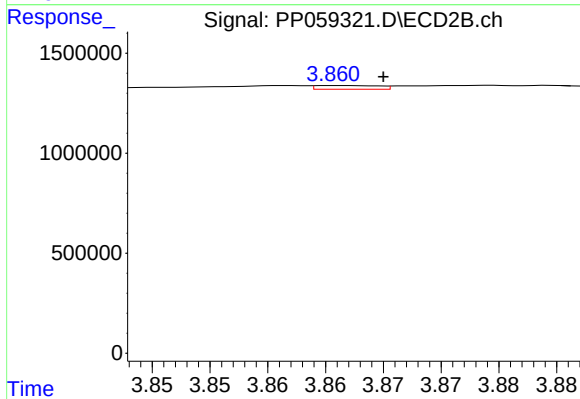
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 1210384
Conc: 23.26 ng/ml



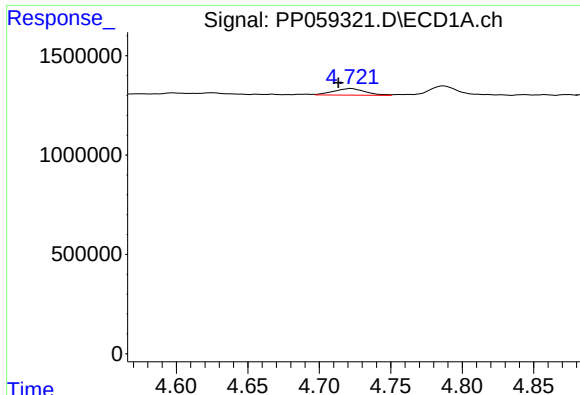
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.002 min
Response: 124716
Conc: 7.92 ng/ml



#8 AR-1221-1

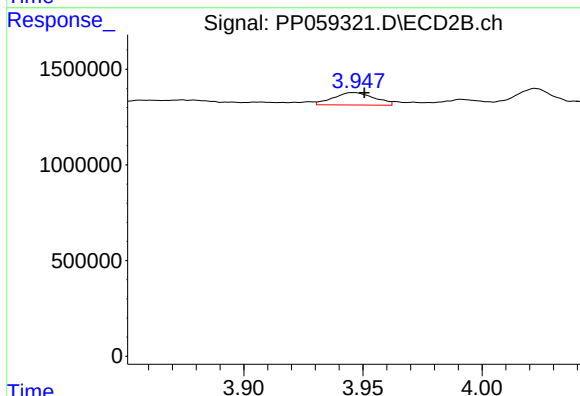
R.T.: 3.861 min
Delta R.T.: -0.004 min
Response: 70319
Conc: 2.59 ng/ml



#9 AR-1221-2

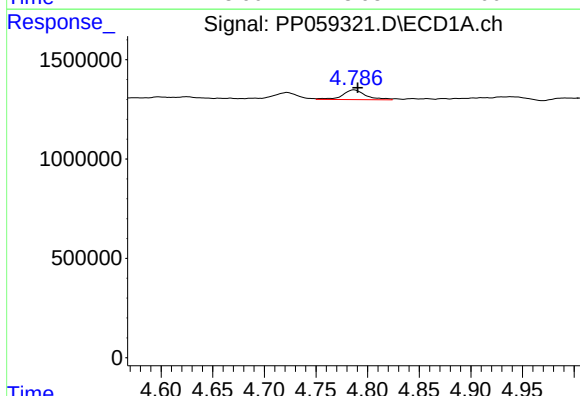
R.T.: 4.722 min
Delta R.T.: 0.009 min
Response: 512809
Conc: 43.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



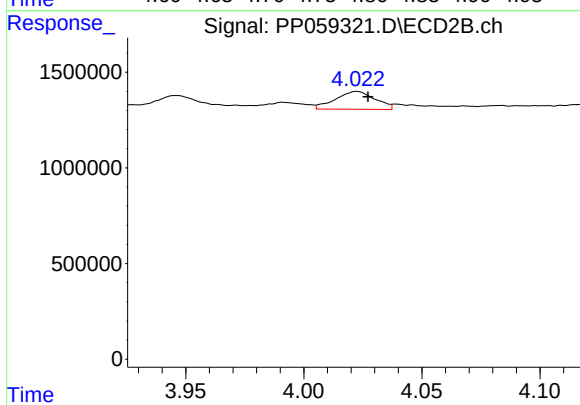
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.005 min
Response: 783829
Conc: 39.37 ng/ml



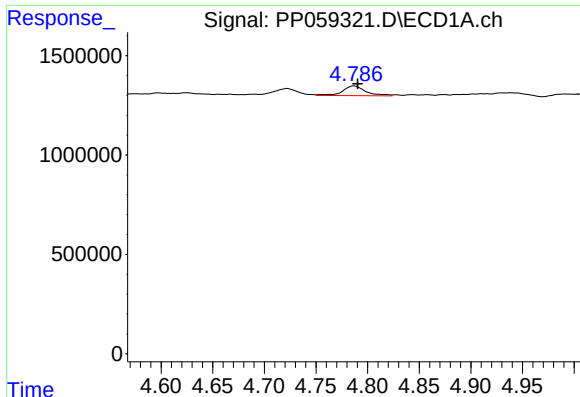
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.004 min
Response: 751377
Conc: 21.34 ng/ml



#10 AR-1221-3

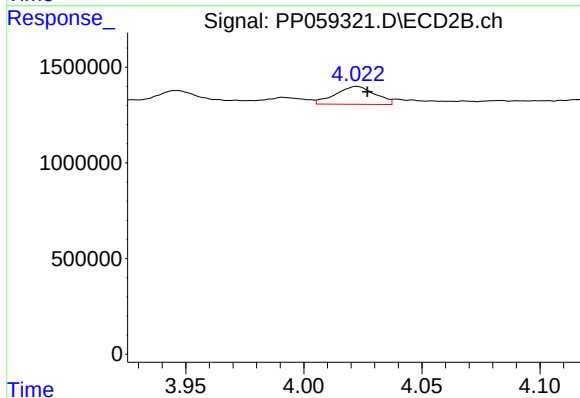
R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 1092430
Conc: 18.35 ng/ml



#11 AR-1232-1

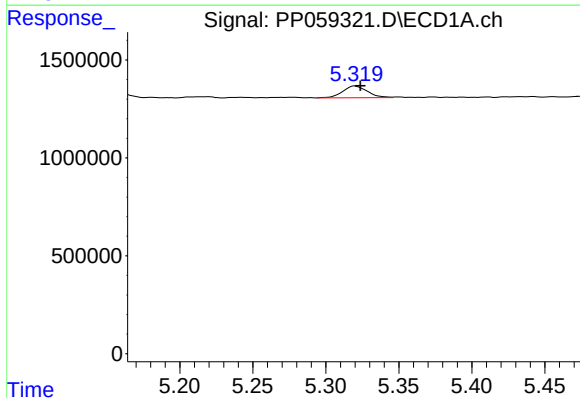
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 751377
Conc: 25.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



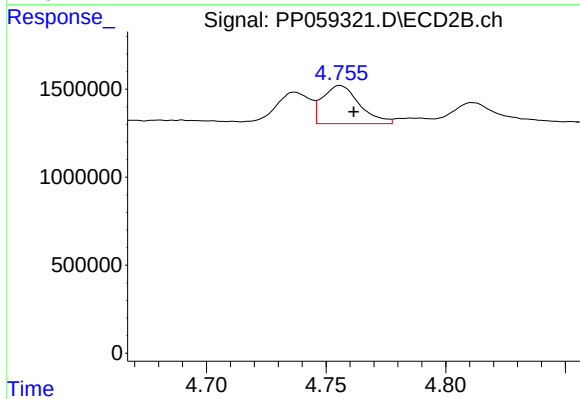
#11 AR-1232-1

R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 1092430
Conc: 23.02 ng/ml



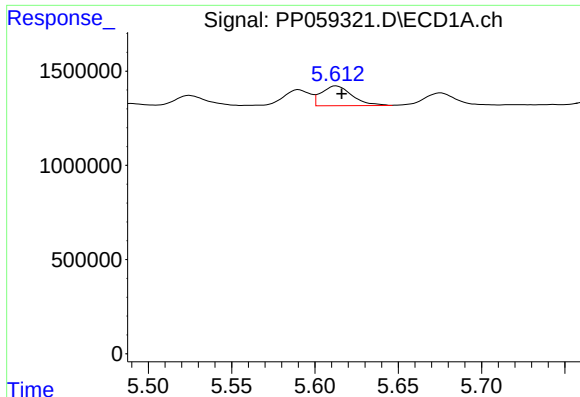
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 707564
Conc: 45.39 ng/ml



#12 AR-1232-2

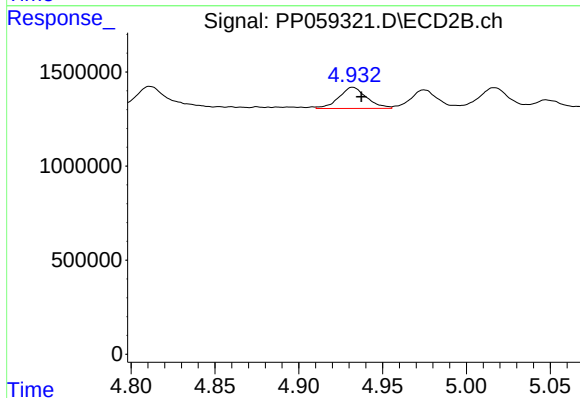
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 2326417
Conc: 54.84 ng/ml



#13 AR-1232-3

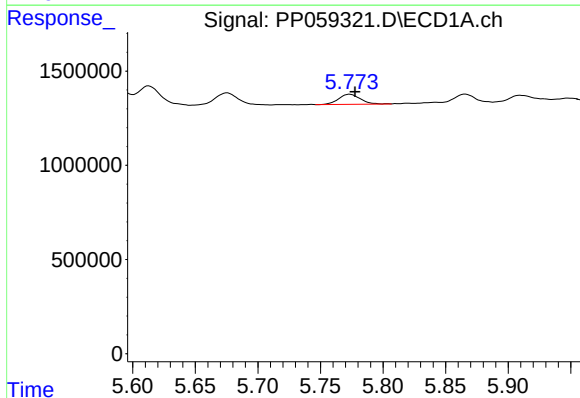
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1350240
Conc: 51.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



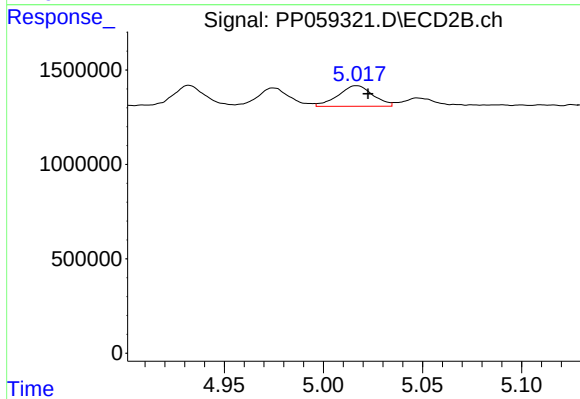
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 1296976
Conc: 58.45 ng/ml



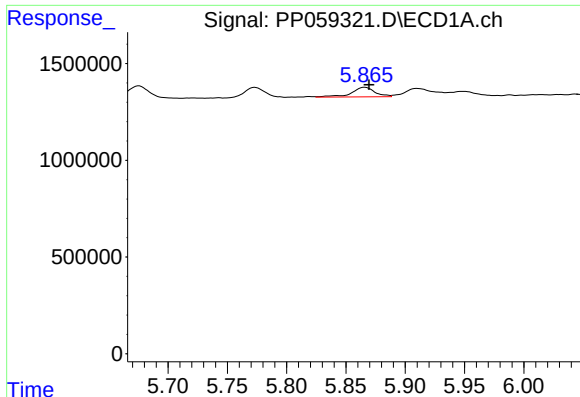
#14 AR-1232-4

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 647046
Conc: 48.89 ng/ml



#14 AR-1232-4

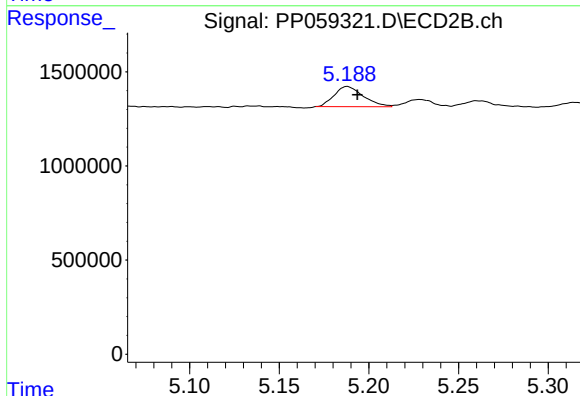
R.T.: 5.017 min
Delta R.T.: -0.006 min
Response: 1338782
Conc: 63.41 ng/ml



#15 AR-1232-5

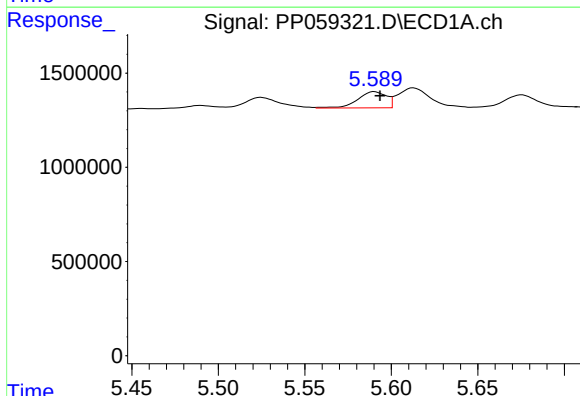
R.T.: 5.866 min
Delta R.T.: -0.004 min
Response: 679970
Conc: 59.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



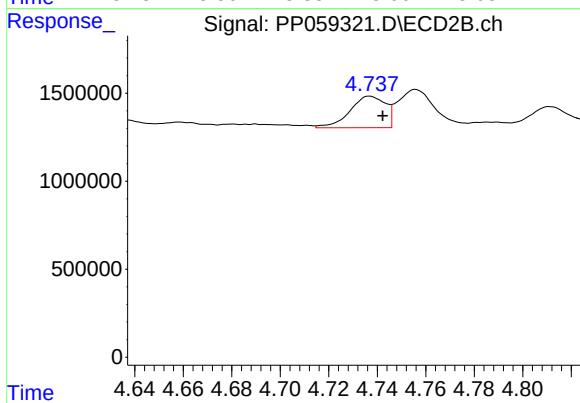
#15 AR-1232-5

R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 1210384
Conc: 52.80 ng/ml



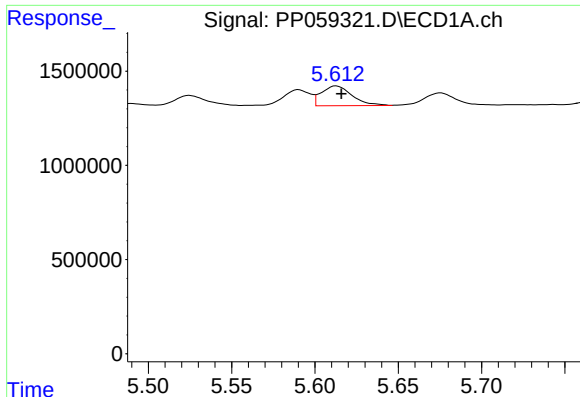
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 996566
Conc: 29.11 ng/ml



#16 AR-1242-1

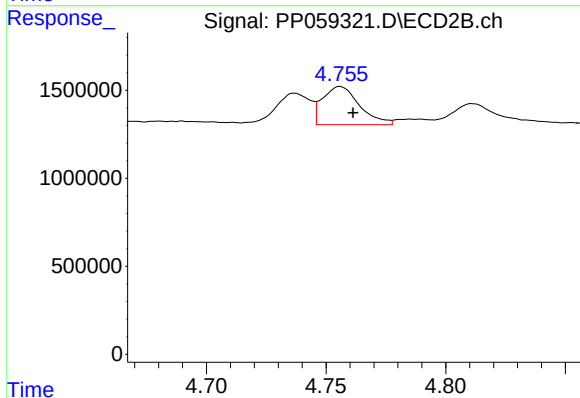
R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 1823626
Conc: 32.59 ng/ml



#17 AR-1242-2

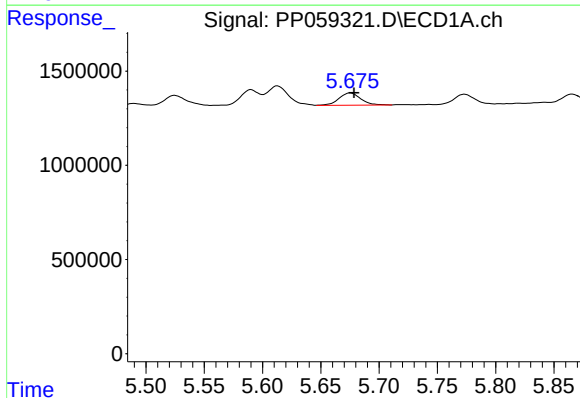
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 1350240
Conc: 27.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



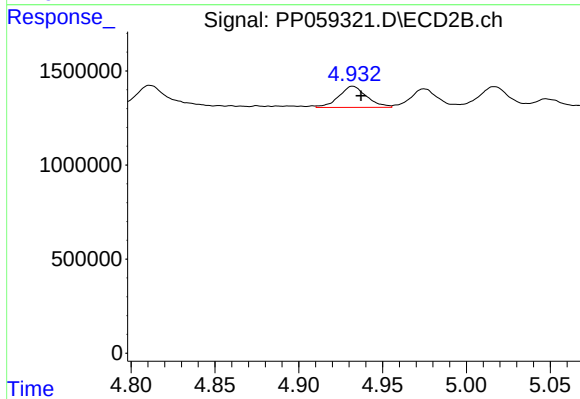
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 2326417
Conc: 29.18 ng/ml



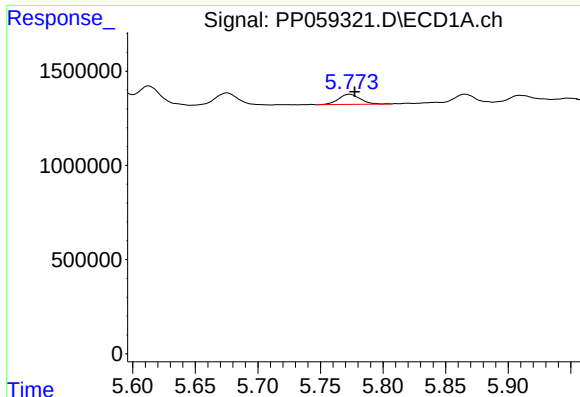
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 847051
Conc: 26.96 ng/ml



#18 AR-1242-3

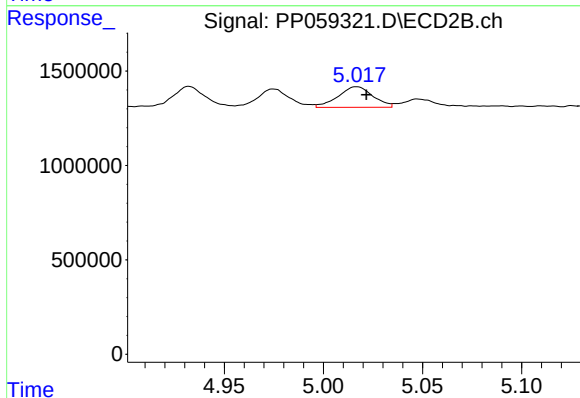
R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 1296976
Conc: 30.43 ng/ml



#19 AR-1242-4

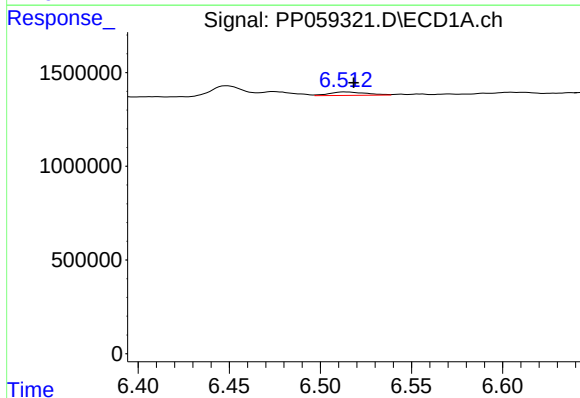
R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 647046
Conc: 25.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



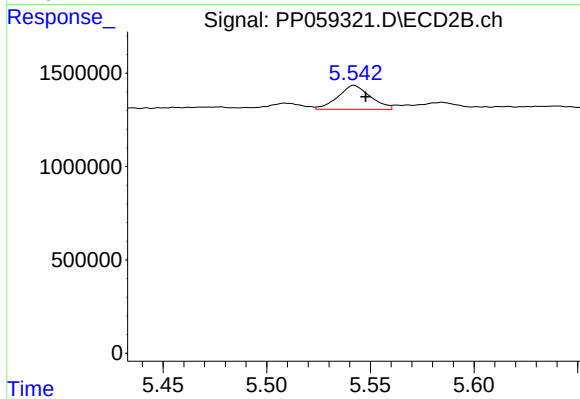
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: -0.005 min
Response: 1338782
Conc: 30.66 ng/ml



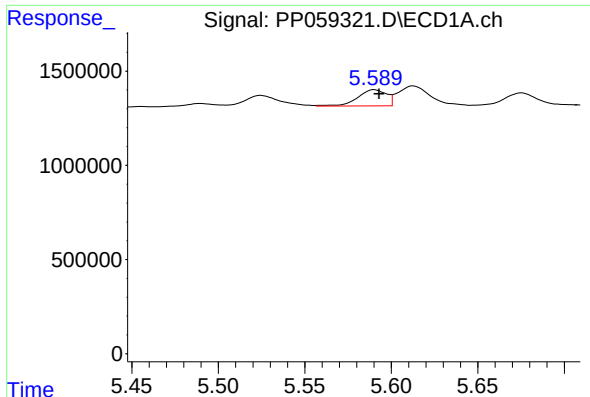
#20 AR-1242-5

R.T.: 6.513 min
Delta R.T.: -0.005 min
Response: 260922
Conc: 10.10 ng/ml



#20 AR-1242-5

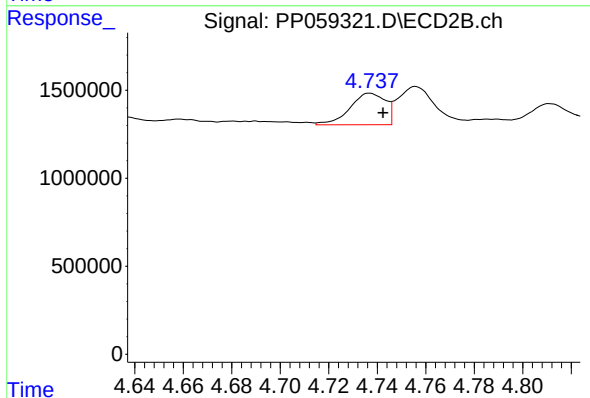
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 1391887
Conc: 28.02 ng/ml



#21 AR-1248-1

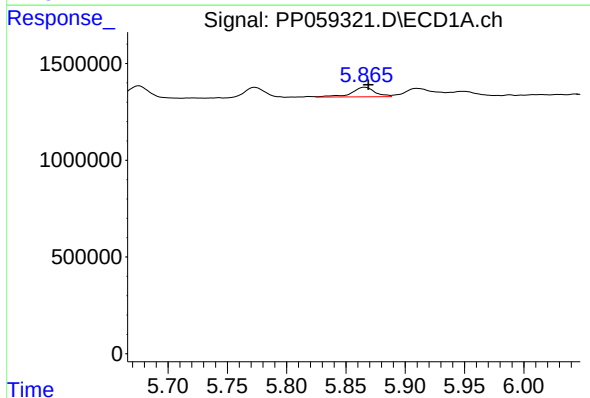
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 996566
Conc: 39.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



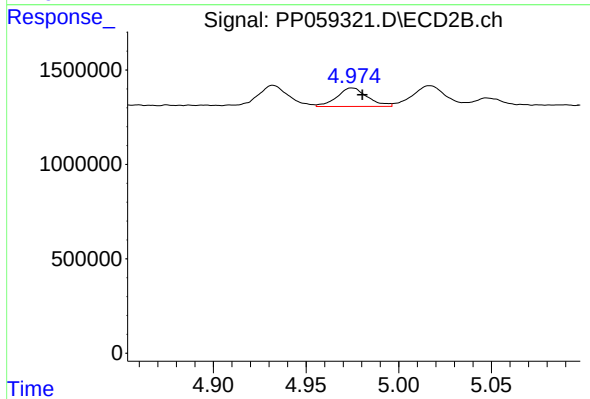
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 1823626
Conc: 44.33 ng/ml



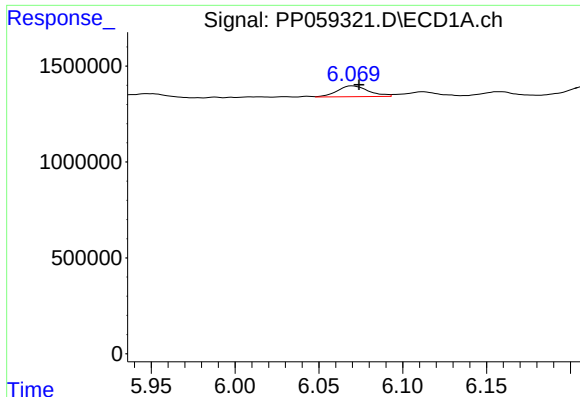
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 679970
Conc: 17.57 ng/ml



#22 AR-1248-2

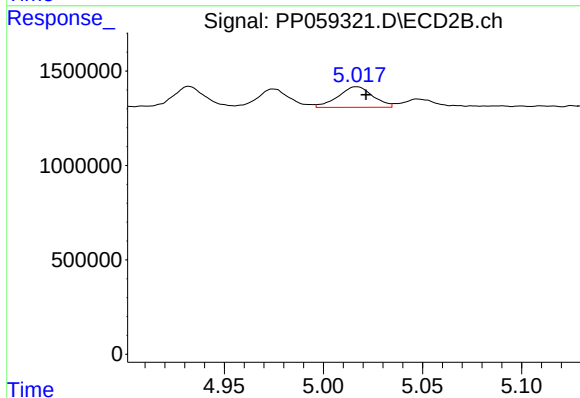
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 1121196
Conc: 18.62 ng/ml



#23 AR-1248-3

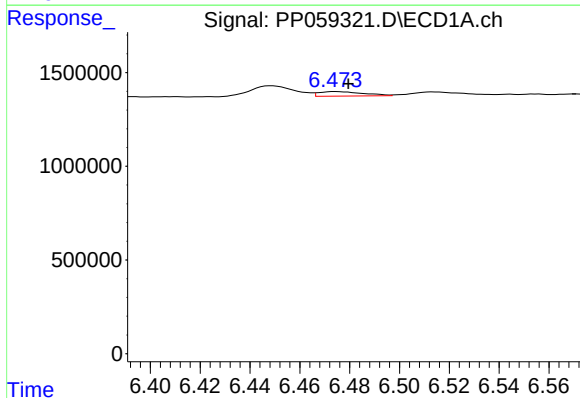
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 736961
Conc: 17.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



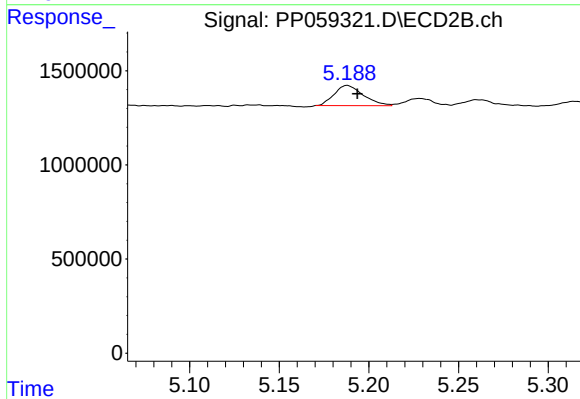
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: -0.005 min
Response: 1338782
Conc: 21.73 ng/ml



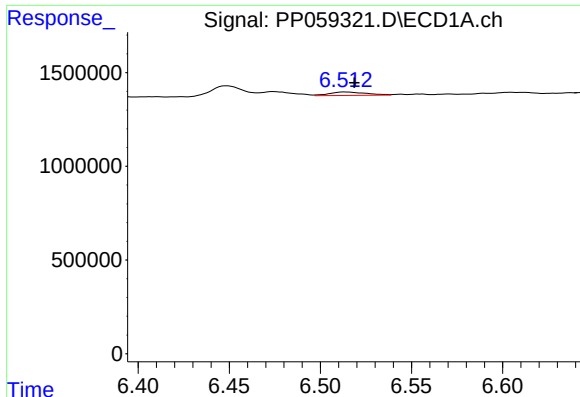
#24 AR-1248-4

R.T.: 6.474 min
Delta R.T.: -0.005 min
Response: 298087
Conc: 7.16 ng/ml



#24 AR-1248-4

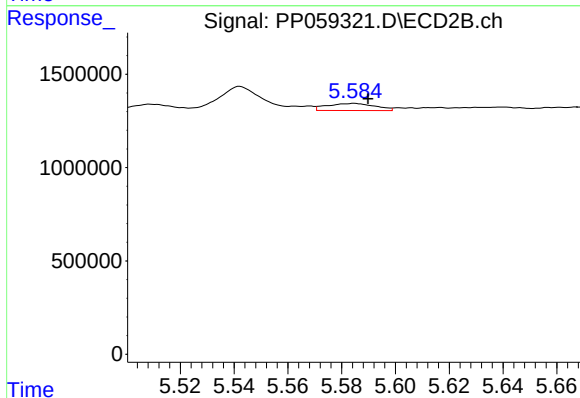
R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 1210384
Conc: 16.81 ng/ml



#25 AR-1248-5

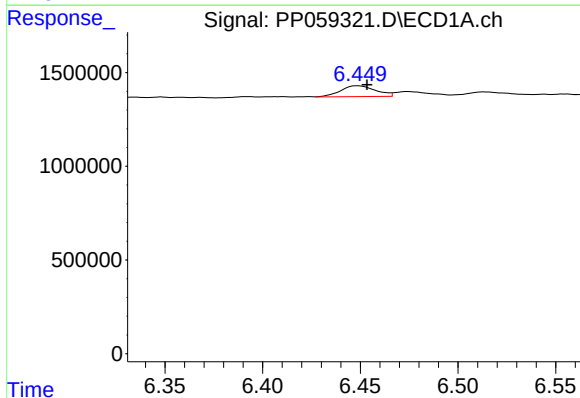
R.T.: 6.513 min
Delta R.T.: -0.005 min
Response: 260922
Conc: 6.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



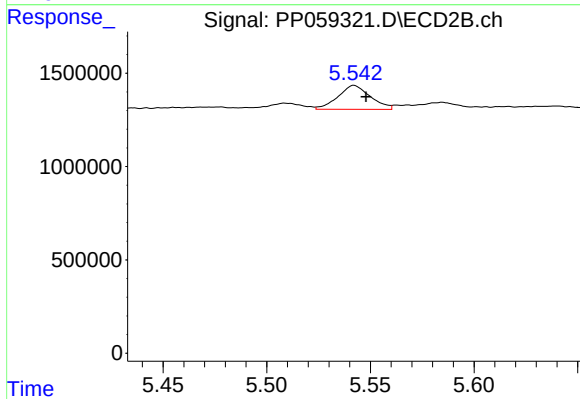
#25 AR-1248-5

R.T.: 5.585 min
Delta R.T.: -0.005 min
Response: 466408
Conc: 7.07 ng/ml



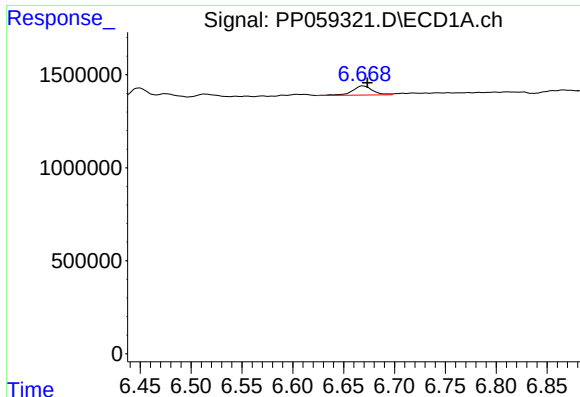
#26 AR-1254-1

R.T.: 6.449 min
Delta R.T.: -0.005 min
Response: 721081
Conc: 15.44 ng/ml



#26 AR-1254-1

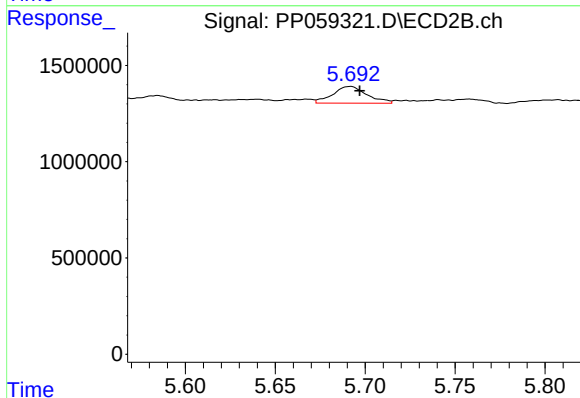
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 1391887
Conc: 13.74 ng/ml



#27 AR-1254-2

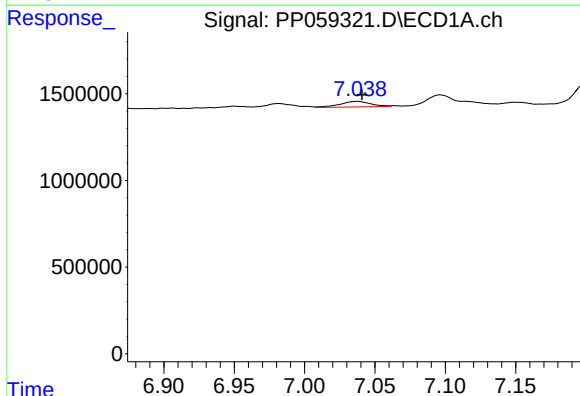
R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 674683
Conc: 9.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



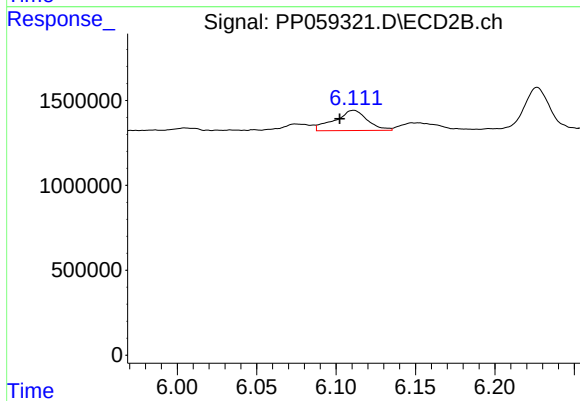
#27 AR-1254-2

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 1156230
Conc: 13.10 ng/ml



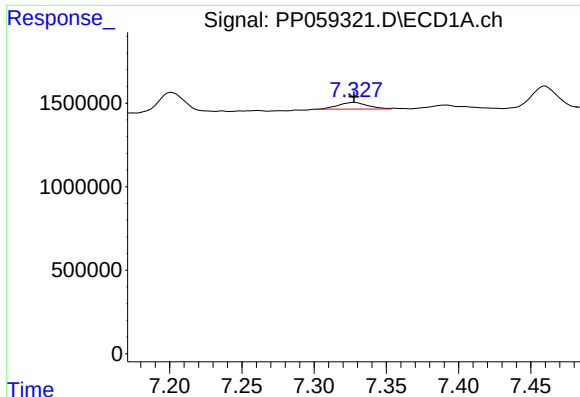
#28 AR-1254-3

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 477236
Conc: 6.91 ng/ml



#28 AR-1254-3

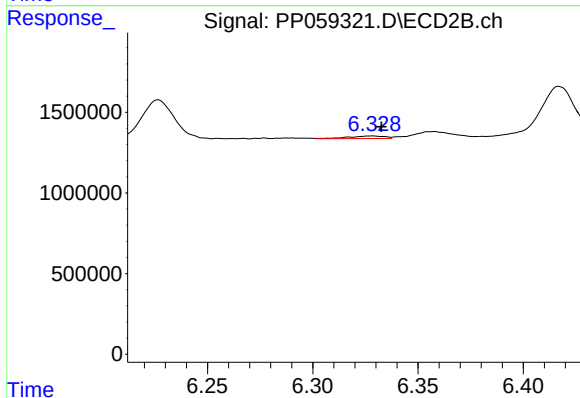
R.T.: 6.111 min
Delta R.T.: 0.009 min
Response: 1697785
Conc: 12.28 ng/ml



#29 AR-1254-4

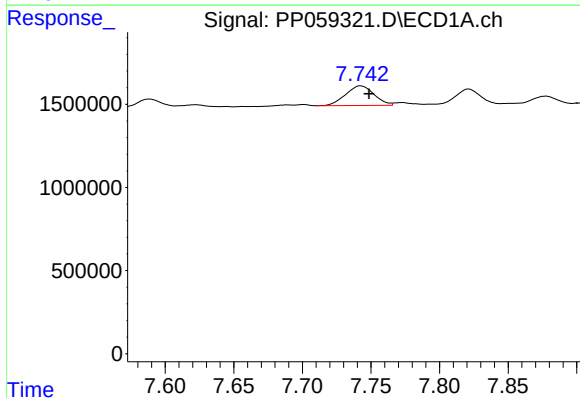
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 572242
Conc: 12.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



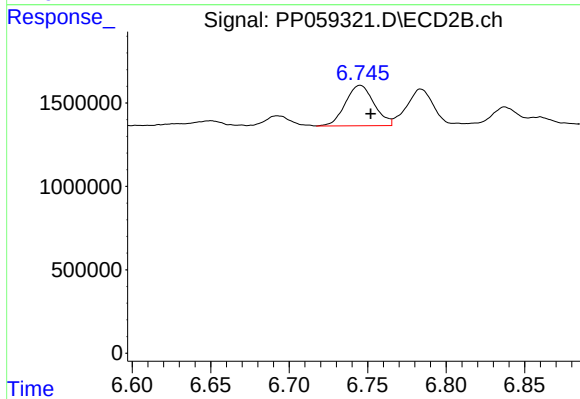
#29 AR-1254-4

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 194558
Conc: 2.42 ng/ml



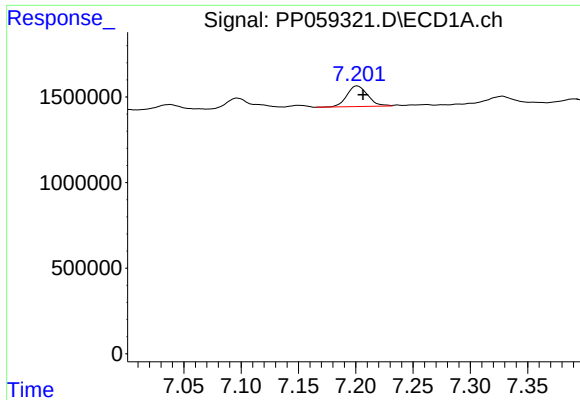
#30 AR-1254-5

R.T.: 7.742 min
Delta R.T.: -0.006 min
Response: 1703814
Conc: 36.26 ng/ml



#30 AR-1254-5

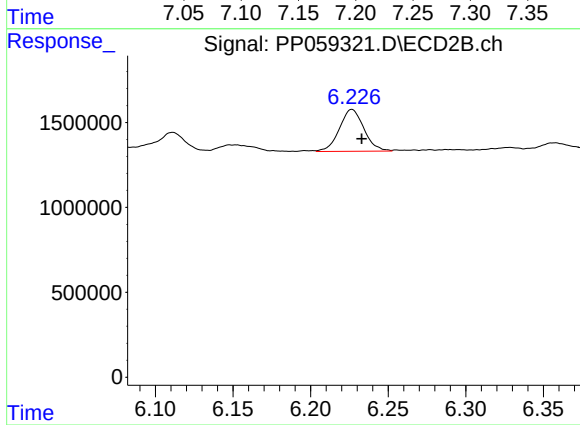
R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 3083939
Conc: 25.79 ng/ml



#31 AR-1260-1

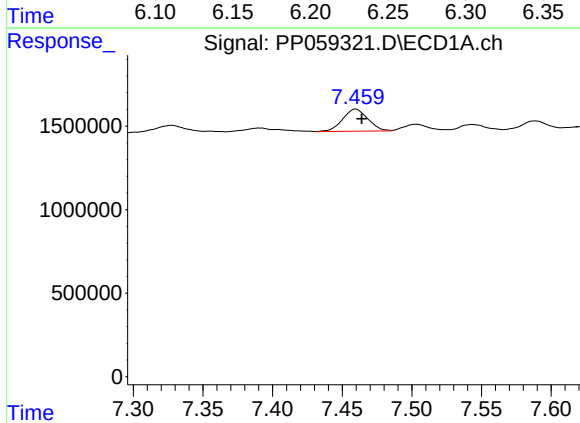
R.T.: 7.201 min
Delta R.T.: -0.005 min
Response: 1534060
Conc: 28.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



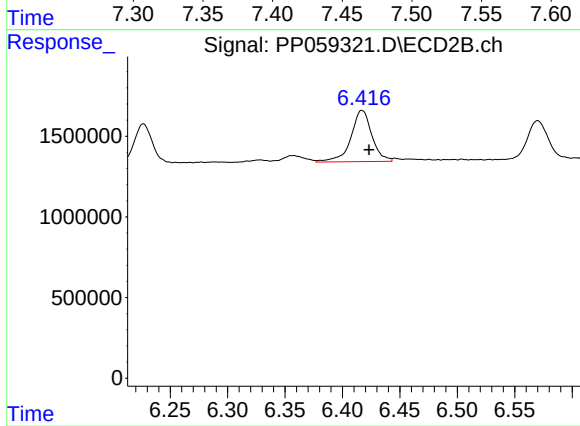
#31 AR-1260-1

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 2710687
Conc: 27.37 ng/ml



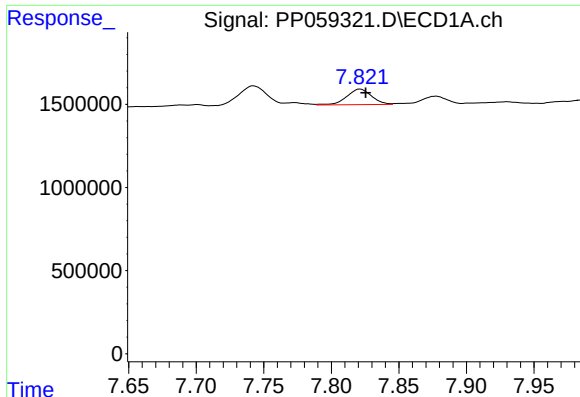
#32 AR-1260-2

R.T.: 7.460 min
Delta R.T.: -0.004 min
Response: 1664860
Conc: 27.96 ng/ml



#32 AR-1260-2

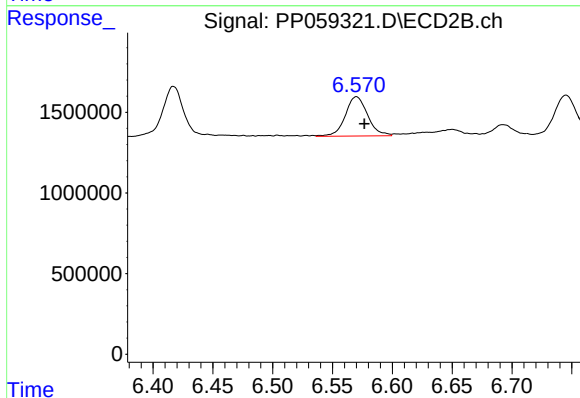
R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 4046525
Conc: 34.97 ng/ml



#33 AR-1260-3

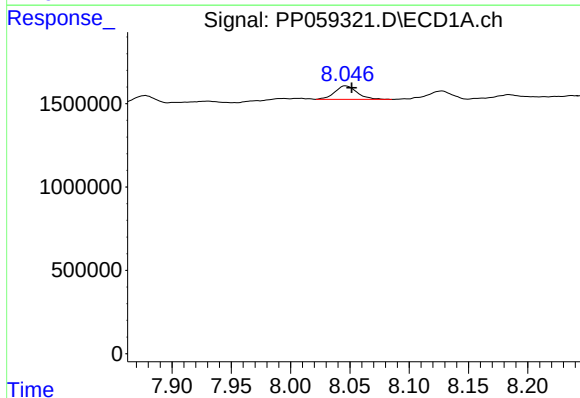
R.T.: 7.821 min
Delta R.T.: -0.004 min
Response: 1199998
Conc: 30.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



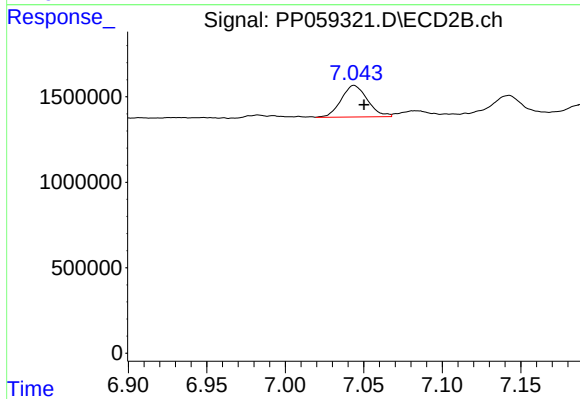
#33 AR-1260-3

R.T.: 6.570 min
Delta R.T.: -0.006 min
Response: 3176682
Conc: 28.56 ng/ml



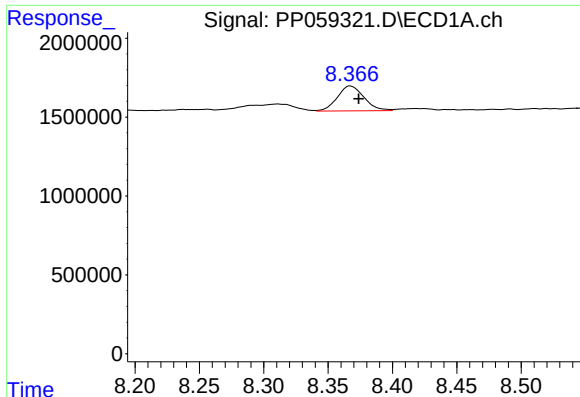
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 1061886
Conc: 23.91 ng/ml



#34 AR-1260-4

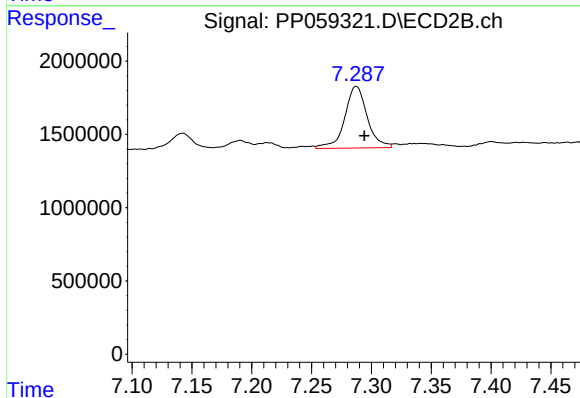
R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 2160238
Conc: 24.92 ng/ml



#35 AR-1260-5

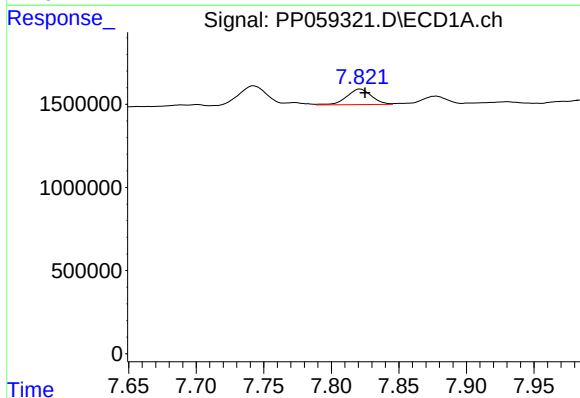
R.T.: 8.367 min
Delta R.T.: -0.006 min
Response: 2265390
Conc: 28.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



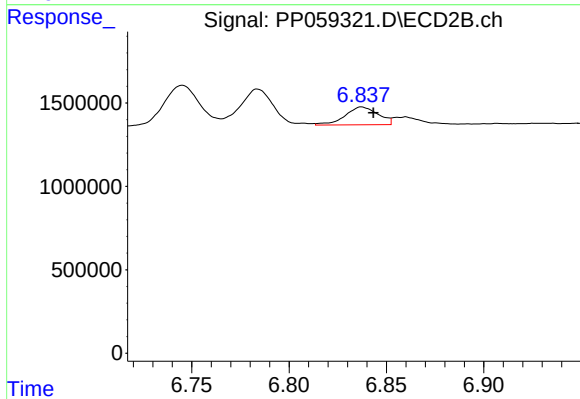
#35 AR-1260-5

R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 5498617
Conc: 29.83 ng/ml



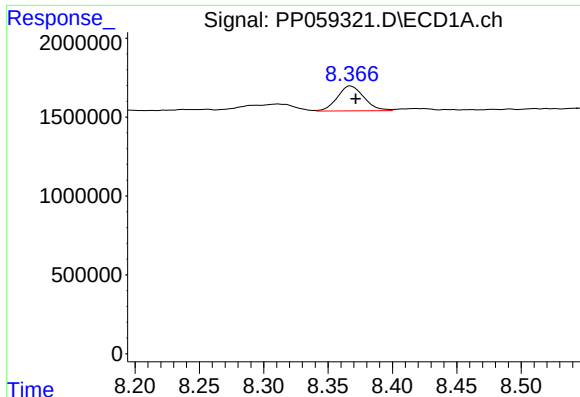
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.004 min
Response: 1199998
Conc: 18.84 ng/ml



#36 AR-1262-1

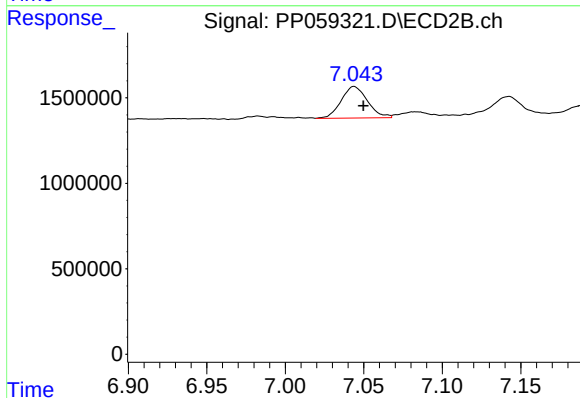
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 1256202
Conc: 21.83 ng/ml



#37 AR-1262-2

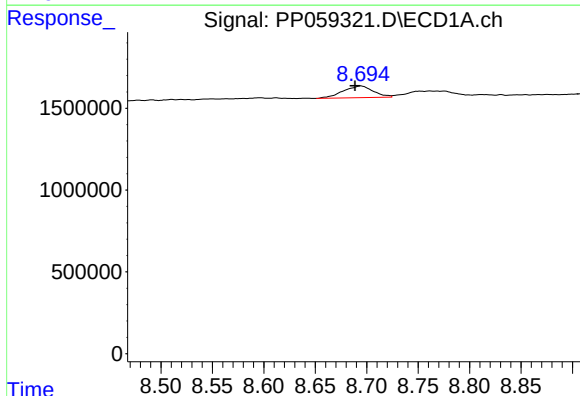
R.T.: 8.367 min
Delta R.T.: -0.004 min
Response: 2265390
Conc: 24.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



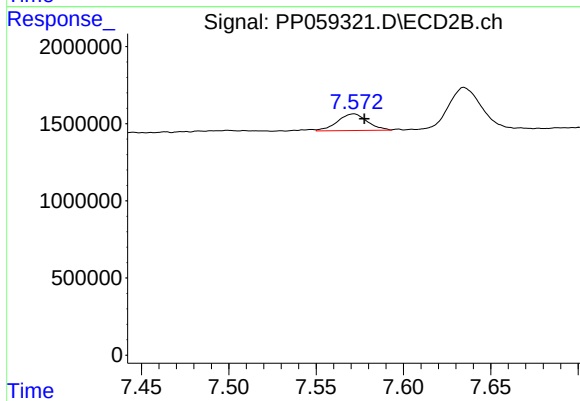
#37 AR-1262-2

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 2160238
Conc: 18.31 ng/ml



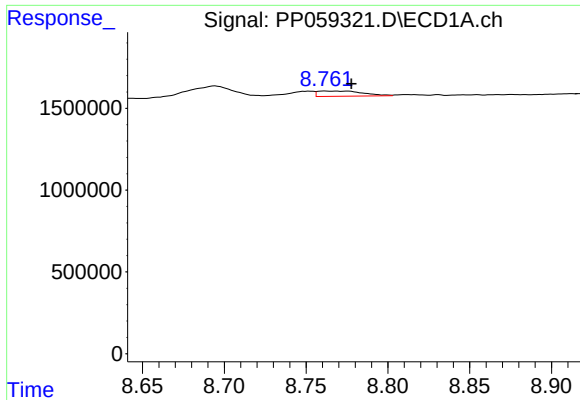
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.006 min
Response: 1451937
Conc: 22.56 ng/ml



#38 AR-1262-3

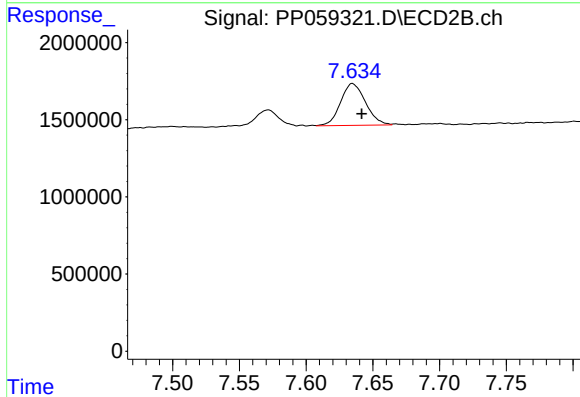
R.T.: 7.572 min
Delta R.T.: -0.006 min
Response: 1277647
Conc: 15.01 ng/ml



#39 AR-1262-4

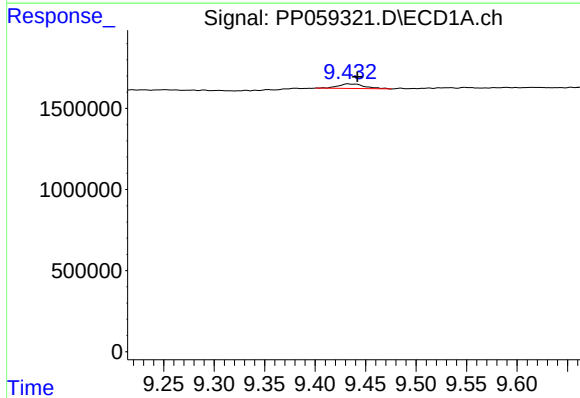
R.T.: 8.761 min
Delta R.T.: -0.016 min
Response: 608534
Conc: 18.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



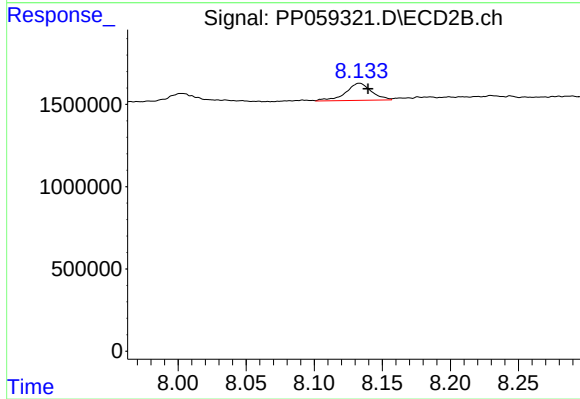
#39 AR-1262-4

R.T.: 7.635 min
Delta R.T.: -0.007 min
Response: 3539803
Conc: 23.43 ng/ml



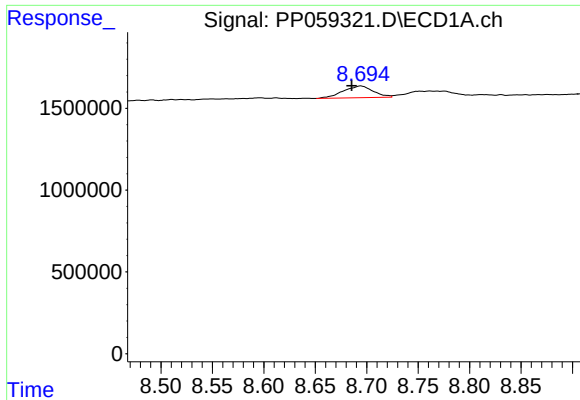
#40 AR-1262-5

R.T.: 9.433 min
Delta R.T.: -0.009 min
Response: 520535
Conc: 17.44 ng/ml



#40 AR-1262-5

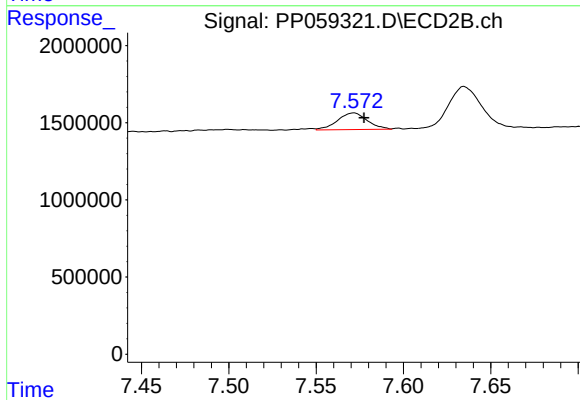
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 1357893
Conc: 21.29 ng/ml



#41 AR-1268-1

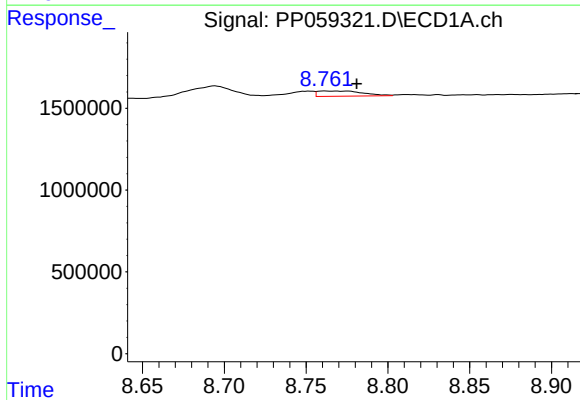
R.T.: 8.695 min
Delta R.T.: 0.009 min
Response: 1451937
Conc: 12.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



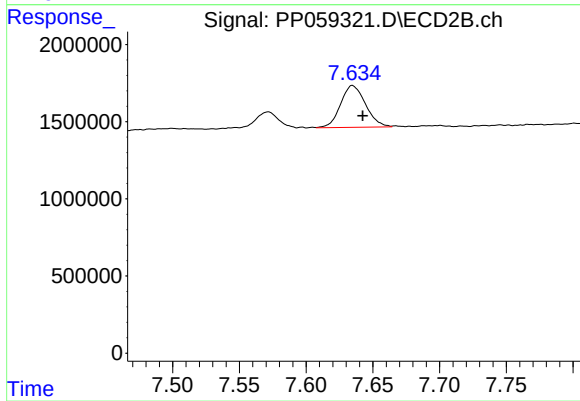
#41 AR-1268-1

R.T.: 7.572 min
Delta R.T.: -0.006 min
Response: 1277647
Conc: 5.24 ng/ml



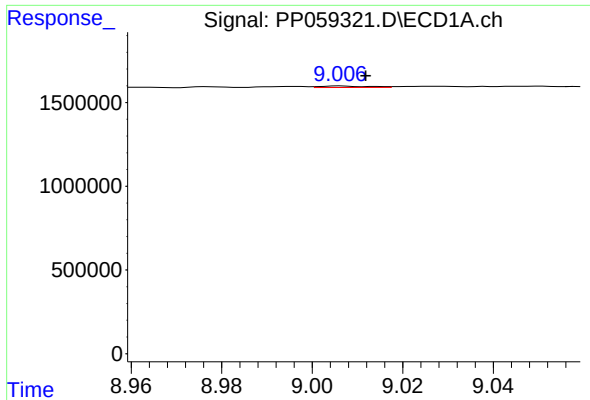
#42 AR-1268-2

R.T.: 8.761 min
Delta R.T.: -0.020 min
Response: 608534
Conc: 6.18 ng/ml



#42 AR-1268-2

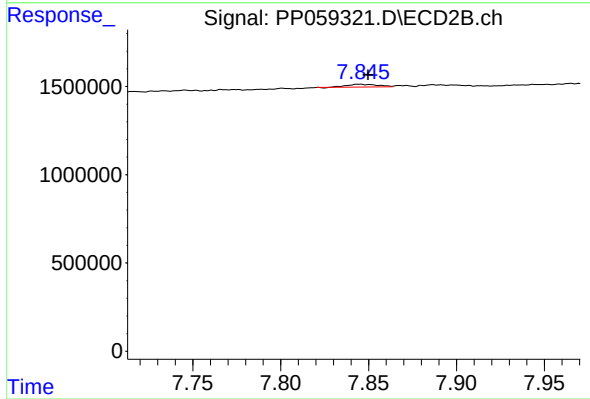
R.T.: 7.635 min
Delta R.T.: -0.008 min
Response: 3539803
Conc: 16.16 ng/ml



#43 AR-1268-3

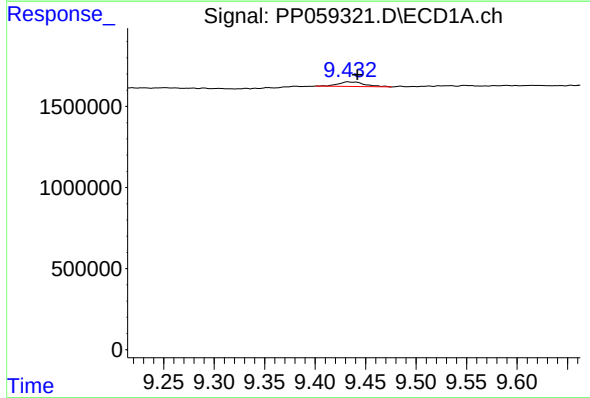
R.T.: 9.006 min
Delta R.T.: -0.005 min
Response: 63327
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



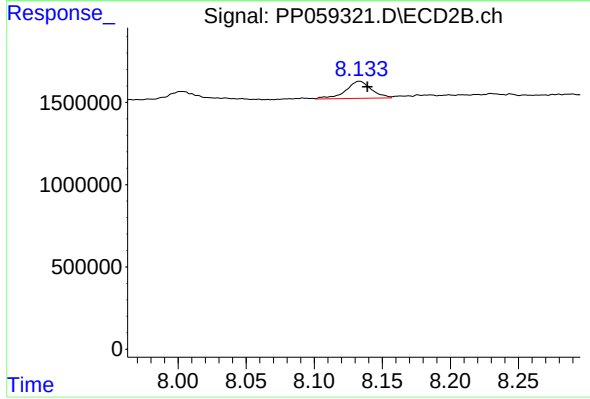
#43 AR-1268-3

R.T.: 7.845 min
Delta R.T.: -0.005 min
Response: 187689
Conc: 0.96 ng/ml



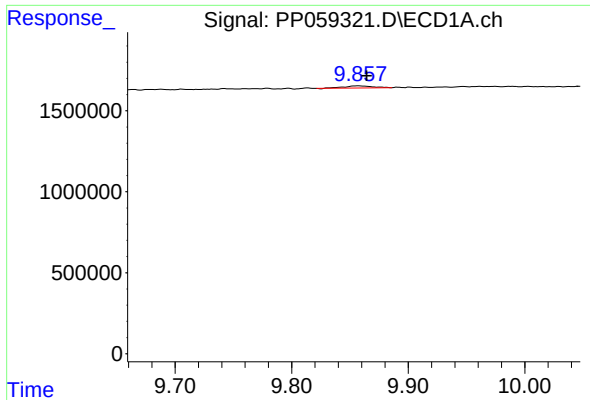
#44 AR-1268-4

R.T.: 9.433 min
Delta R.T.: -0.009 min
Response: 520535
Conc: 16.32 ng/ml



#44 AR-1268-4

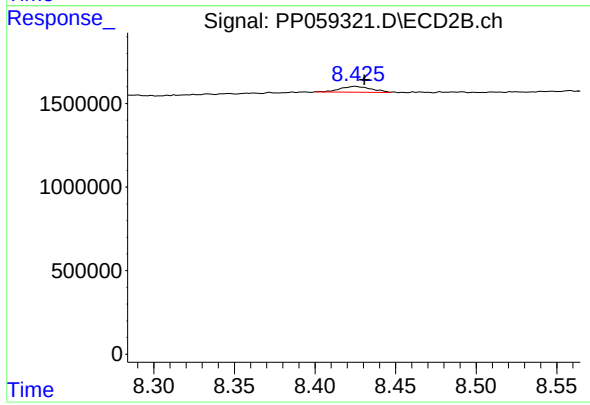
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 1357893
Conc: 19.51 ng/ml



#45 AR-1268-5

R.T.: 9.857 min
Delta R.T.: -0.007 min
Response: 222127
Conc: 0.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.005 min
Response: 468055
Conc: 0.90 ng/ml