

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062123\
 Data File : PP058582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 09:12
 Operator : YP\AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:17:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 21 05:48:37 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...	4.462	3.672	2326540	1401063	0.932	0.859
2)	SA Decachlor...	10.284	8.729	1464472	1293784	1.107	1.062
Target Compounds							
3)	L1 AR-1016-1	5.649	4.783	22711	56845	0.318	1.129 #
4)	L1 AR-1016-2	5.649	4.783	22711	56845	0.220	0.803 #
5)	L1 AR-1016-3	5.712	4.965	90077	186952	1.404	4.963 #
6)	L1 AR-1016-4	5.818	5.033f	48620	280310	0.949	8.428 #
7)	L1 AR-1016-5	6.107	0.000	598417	0	11.331	N.D. #
8)	L2 AR-1221-1	4.668	3.895	28425	28524	0.973	1.391 #
9)	L2 AR-1221-2	4.773f	3.978	264783	45873	12.109	2.916 #
10)	L2 AR-1221-3	4.835	4.062	28371	20423	0.442	0.429
11)	L3 AR-1232-1	4.835	4.062	28371	20423	0.610	0.595
12)	L3 AR-1232-2	5.368	4.783	24545	56845	0.915	1.756 #
13)	L3 AR-1232-3	5.667	4.965	56359	186952	1.230	10.755 #
14)	L3 AR-1232-4	5.818	5.043	48620	282355	2.094	16.794 #
15)	L3 AR-1232-5	5.922	0.000	141535	0	7.240	N.D. #
16)	L4 AR-1242-1	5.649	4.783	22711	56845	0.406	1.433 #
17)	L4 AR-1242-2	5.649	4.783	22711	56845	0.283	1.023 #
18)	L4 AR-1242-3	5.712	4.965	90077	186952	1.779	6.358 #
19)	L4 AR-1242-4	5.818	5.043	48620	282355	1.217	8.731 #
20)	L4 AR-1242-5	6.553	5.572	455030	774345	12.520	20.417 #
21)	L5 AR-1248-1	5.649	4.783	22711	56845	0.535	1.861 #
22)	L5 AR-1248-2	5.922	5.033f	141535	280310	2.195	6.126 #
23)	L5 AR-1248-3	6.107	5.043	598417	282355	8.494	5.952 #
24)	L5 AR-1248-4	6.497f	0.000	8856058	0	129.705	N.D. #
25)	L5 AR-1248-5	6.553	5.606	455030	8420829	7.099	171.577 #
26)	L6 AR-1254-1	6.497	5.572	8856058	774345	115.510	10.037 #
27)	L6 AR-1254-2	6.705	5.737	48474	3760394	0.438	54.926 #
28)	L6 AR-1254-3	7.084	6.141	1430771	1663395	13.339	15.849
29)	L6 AR-1254-4	0.000	6.374	0	2558721	N.D.	42.823 #
30)	L6 AR-1254-5	7.808f	6.772	123596	178966	1.529	1.935 #
31)	L7 AR-1260-1	7.239	6.253	240834	1793851	2.758	23.211 #
32)	L7 AR-1260-2	7.515	6.435f	185716	871071	1.923	9.850 #
33)	L7 AR-1260-3	0.000	6.605	0	146800	N.D.	1.741 #
34)	L7 AR-1260-4	0.000	7.061f	0	42063	N.D.	0.698 #
35)	L7 AR-1260-5	8.395f	7.328	53406	35875	0.410	0.280 #
36)	L8 AR-1262-1	0.000	6.872	0	36278	N.D.	0.854 #
37)	L8 AR-1262-2	8.395f	7.061f	53406	42063	0.317	0.466 #
38)	L8 AR-1262-3	0.000	7.581f	0	27591	N.D.	0.405 #
39)	L8 AR-1262-4	8.847f	7.663	79119	13969	0.919	0.114 #
40)	L8 AR-1262-5	9.490	8.177	68164	44852	1.243	0.848 #
42)	L9 AR-1268-2	8.847f	7.663	79119	13969	0.457	0.085 #

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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	9.073	7.904f	-36336	35311	N.D.	0.244 #
44) L9	AR-1268-4	9.490	8.177	68164	44852	1.192	0.824 #
45) L9	AR-1268-5	9.929	8.460	18368	26972	0.039	0.065 #

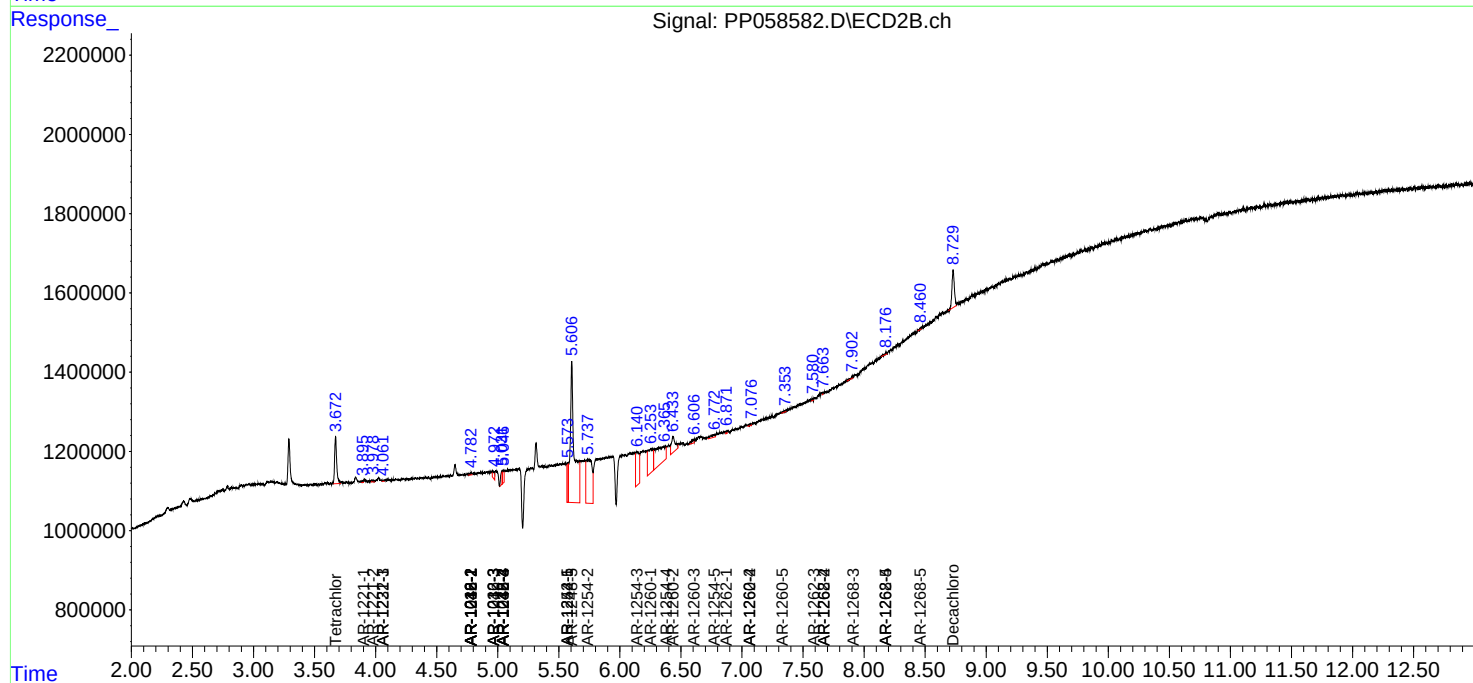
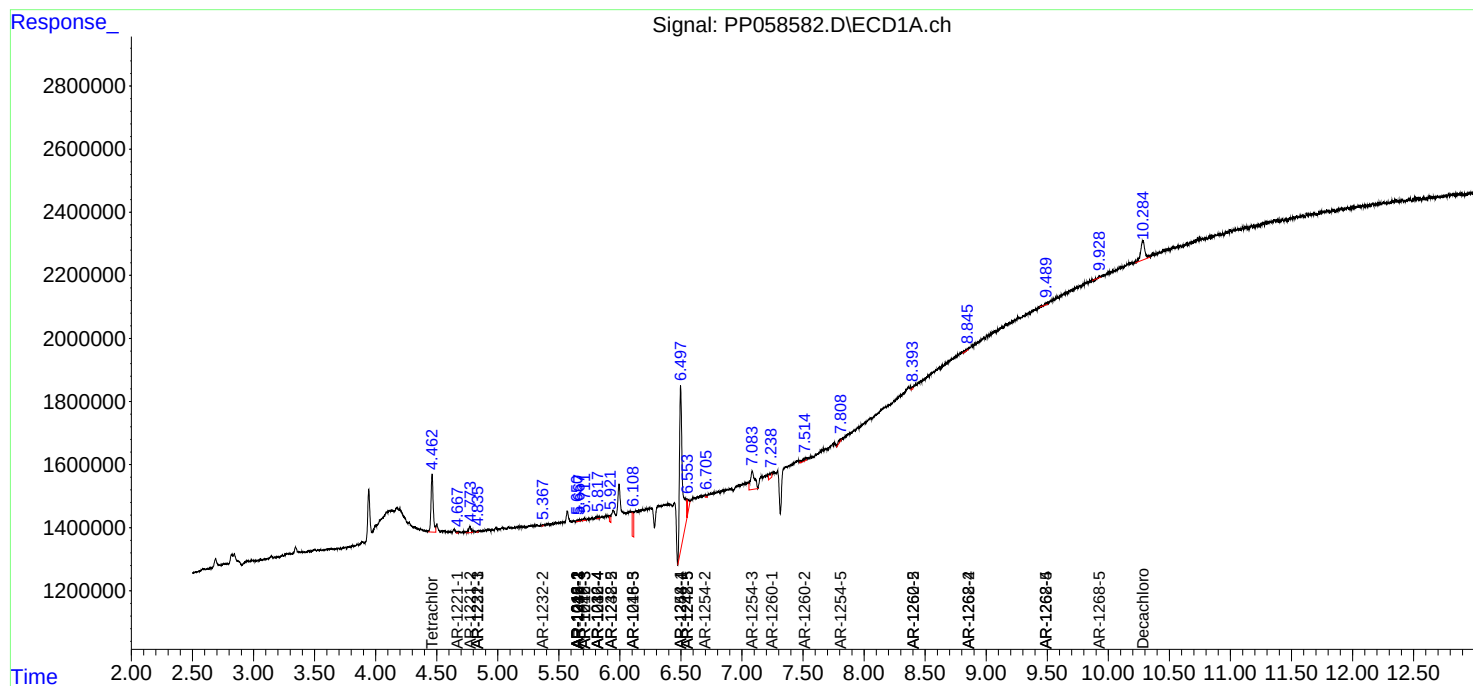
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

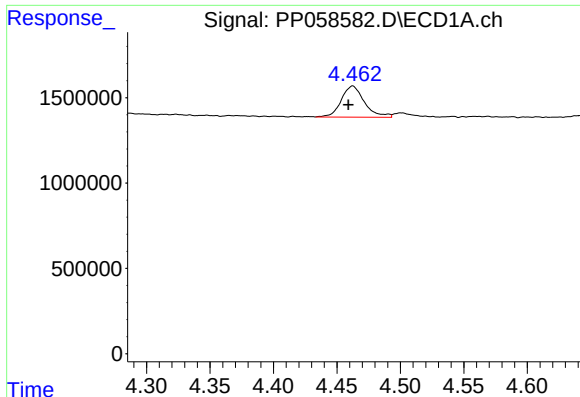
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Acq On : 21 Jun 2023 09:12
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Sample : HEXANE
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QLast Update : Wed Jun 21 05:48:37 2023
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Volume 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

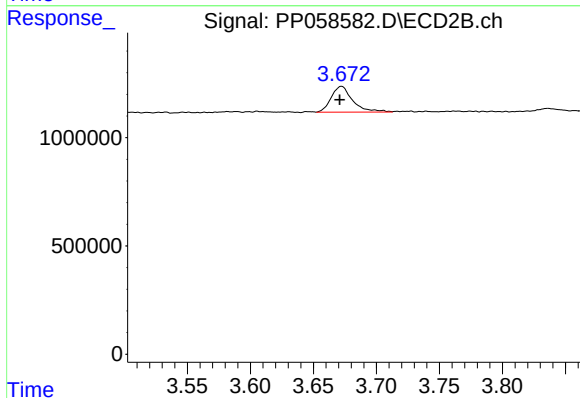




#1 Tetrachloro-m-xylene

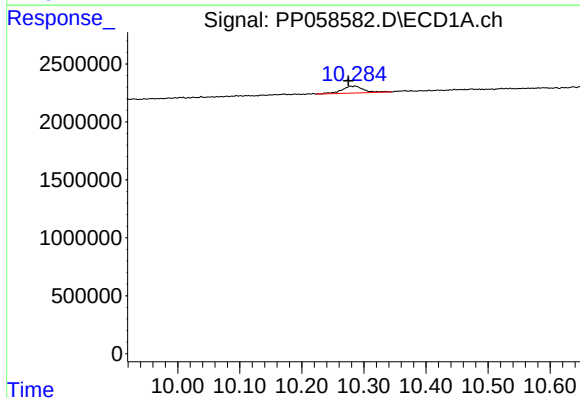
R.T.: 4.462 min
Delta R.T.: 0.003 min
Response: 2326540
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



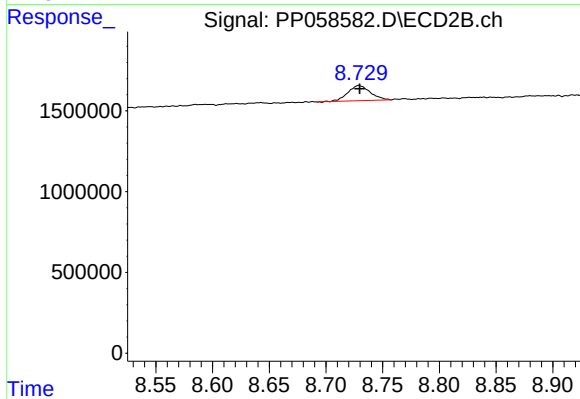
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.001 min
Response: 1401063
Conc: 0.86 ng/ml



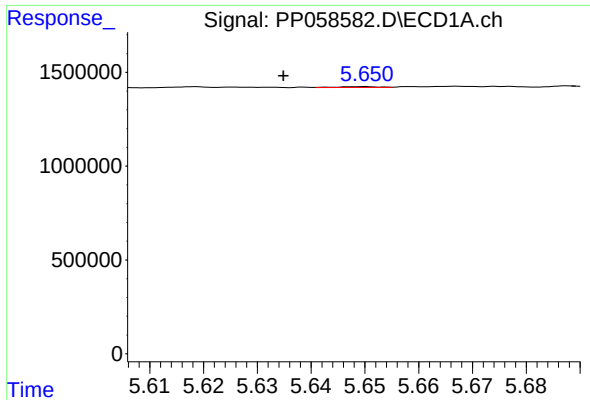
#2 Decachlorobiphenyl

R.T.: 10.284 min
Delta R.T.: 0.009 min
Response: 1464472
Conc: 1.11 ng/ml



#2 Decachlorobiphenyl

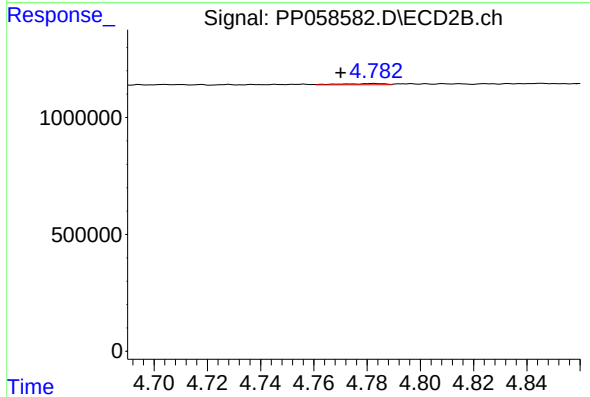
R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 1293784
Conc: 1.06 ng/ml



#3 AR-1016-1

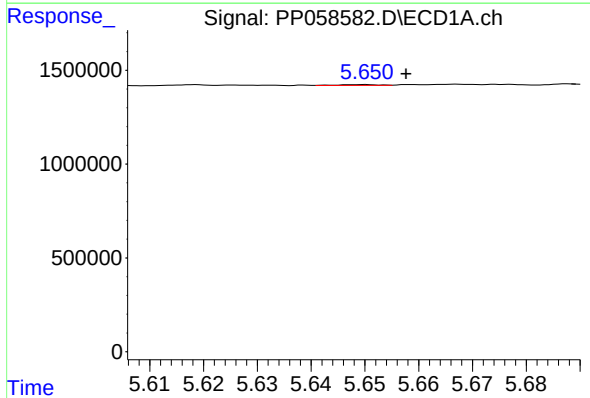
R.T.: 5.649 min
Delta R.T.: 0.014 min
Response: 22711
Conc: 0.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



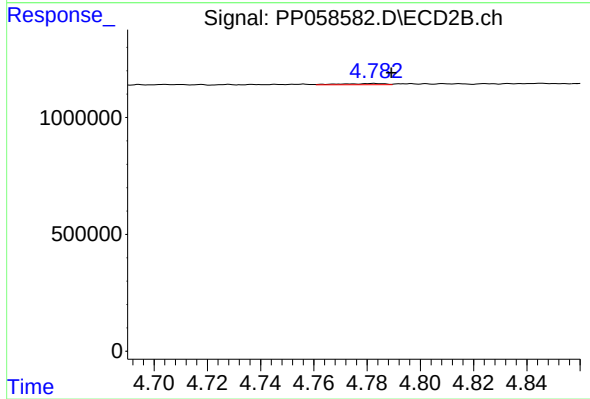
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.012 min
Response: 56845
Conc: 1.13 ng/ml



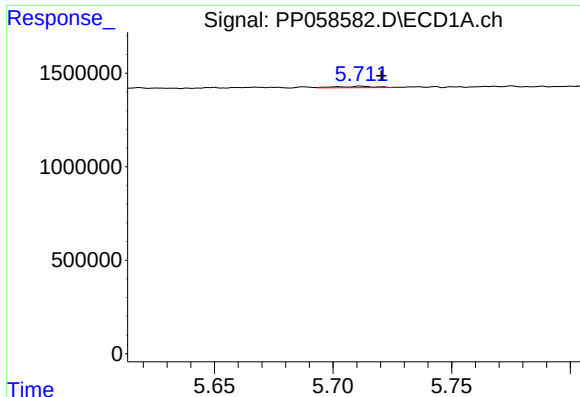
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: -0.008 min
Response: 22711
Conc: 0.22 ng/ml



#4 AR-1016-2

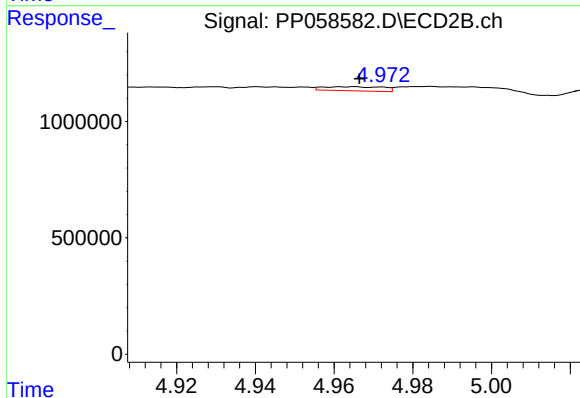
R.T.: 4.783 min
Delta R.T.: -0.007 min
Response: 56845
Conc: 0.80 ng/ml



#5 AR-1016-3

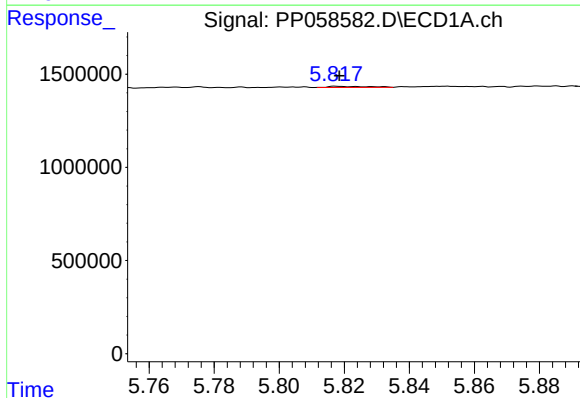
R.T.: 5.712 min
Delta R.T.: -0.008 min
Response: 90077
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



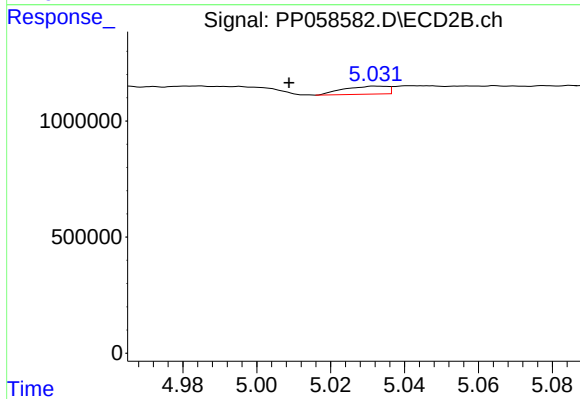
#5 AR-1016-3

R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 186952
Conc: 4.96 ng/ml



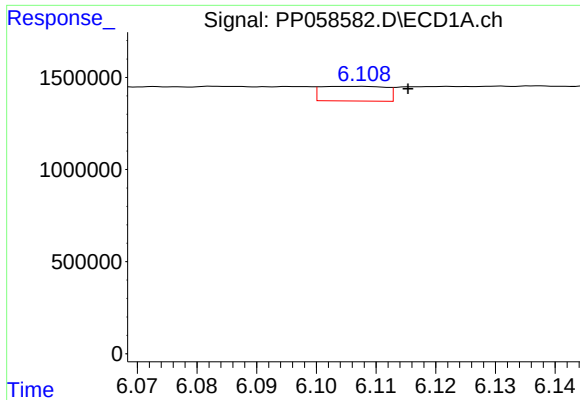
#6 AR-1016-4

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 48620
Conc: 0.95 ng/ml



#6 AR-1016-4

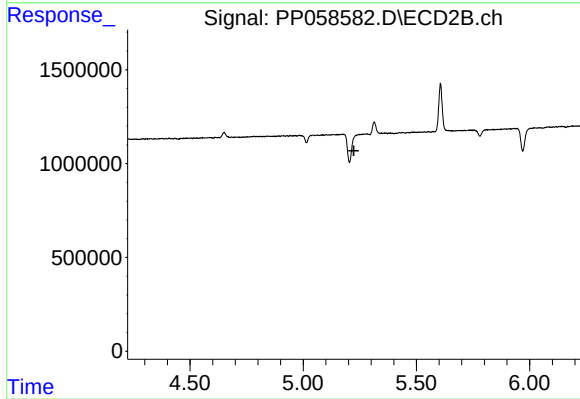
R.T.: 5.033 min
Delta R.T.: 0.024 min
Response: 280310
Conc: 8.43 ng/ml



#7 AR-1016-5

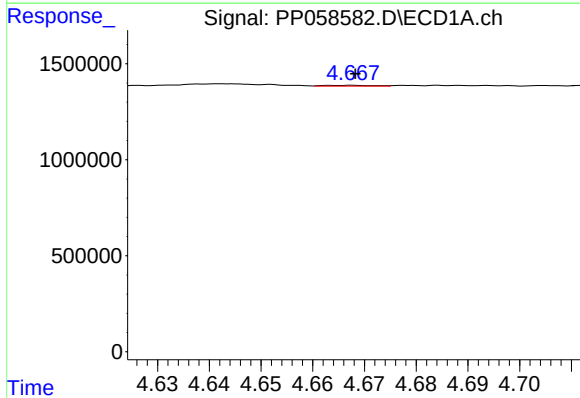
R.T.: 6.107 min
Delta R.T.: -0.009 min
Response: 598417
Conc: 11.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



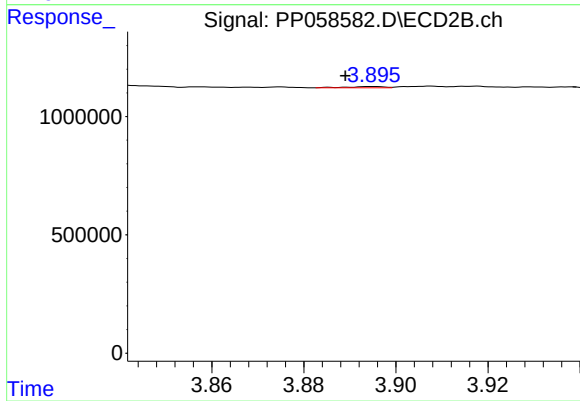
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.224 min
Response: 0
Conc: N.D.



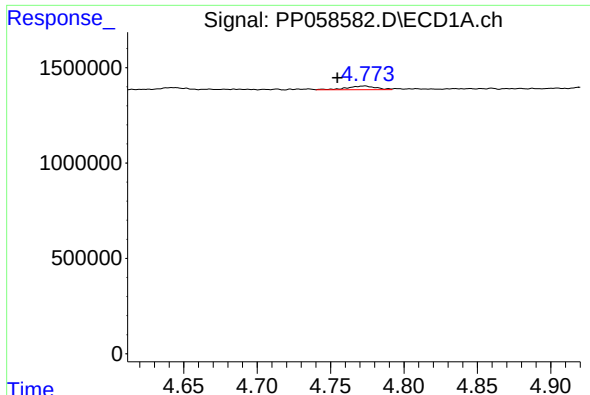
#8 AR-1221-1

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 28425
Conc: 0.97 ng/ml



#8 AR-1221-1

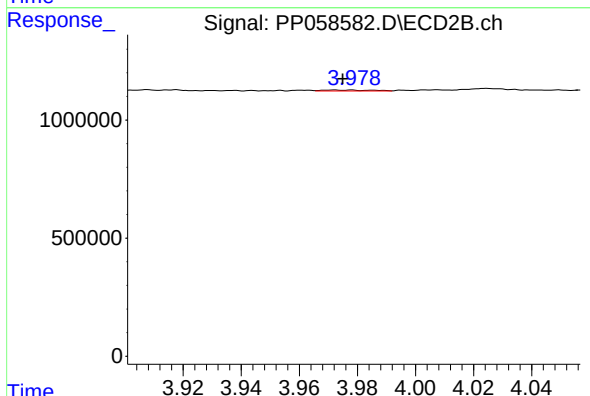
R.T.: 3.895 min
Delta R.T.: 0.006 min
Response: 28524
Conc: 1.39 ng/ml



#9 AR-1221-2

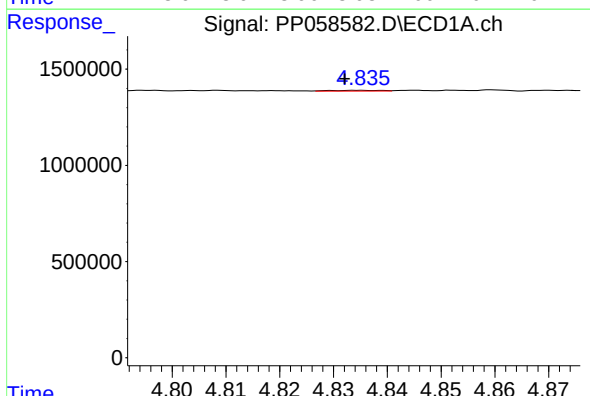
R.T.: 4.773 min
Delta R.T.: 0.018 min
Response: 264783
Conc: 12.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



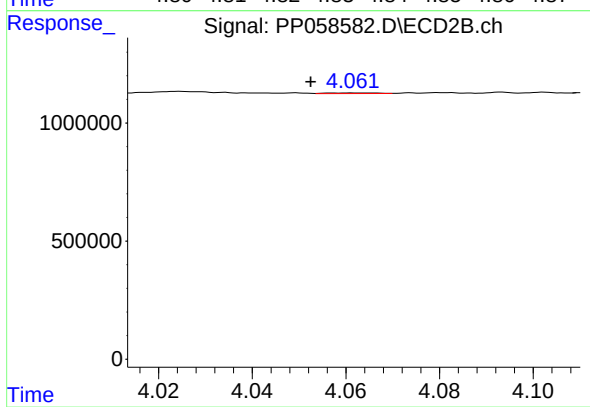
#9 AR-1221-2

R.T.: 3.978 min
Delta R.T.: 0.003 min
Response: 45873
Conc: 2.92 ng/ml



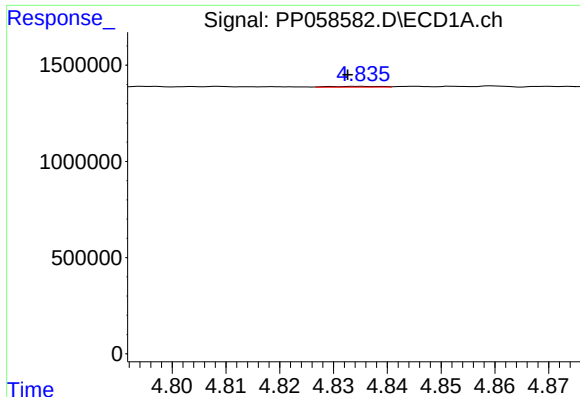
#10 AR-1221-3

R.T.: 4.835 min
Delta R.T.: 0.003 min
Response: 28371
Conc: 0.44 ng/ml



#10 AR-1221-3

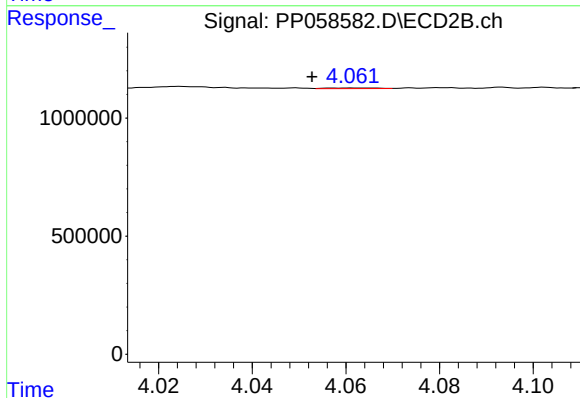
R.T.: 4.062 min
Delta R.T.: 0.009 min
Response: 20423
Conc: 0.43 ng/ml



#11 AR-1232-1

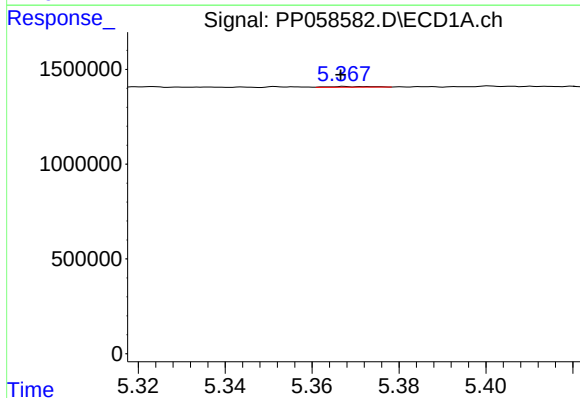
R.T.: 4.835 min
Delta R.T.: 0.002 min
Response: 28371
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



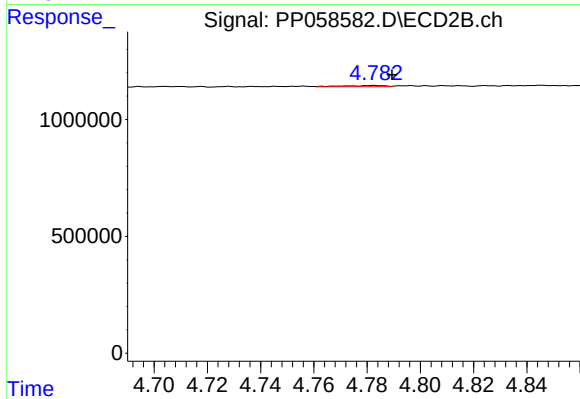
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: 0.009 min
Response: 20423
Conc: 0.60 ng/ml



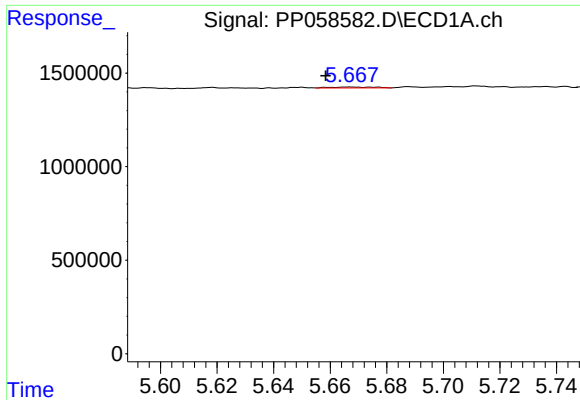
#12 AR-1232-2

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 24545
Conc: 0.92 ng/ml



#12 AR-1232-2

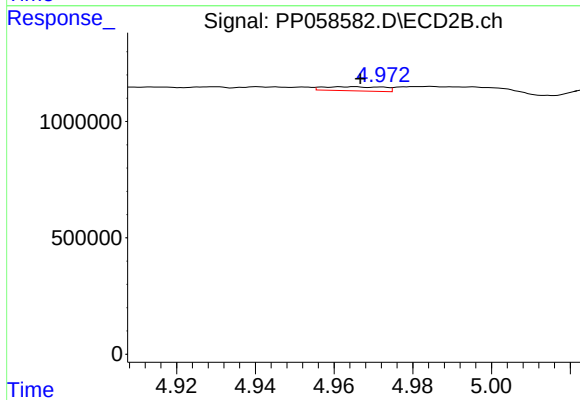
R.T.: 4.783 min
Delta R.T.: -0.007 min
Response: 56845
Conc: 1.76 ng/ml



#13 AR-1232-3

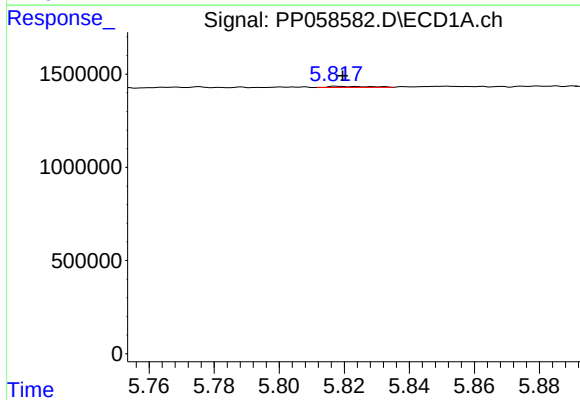
R.T.: 5.667 min
Delta R.T.: 0.009 min
Response: 56359
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



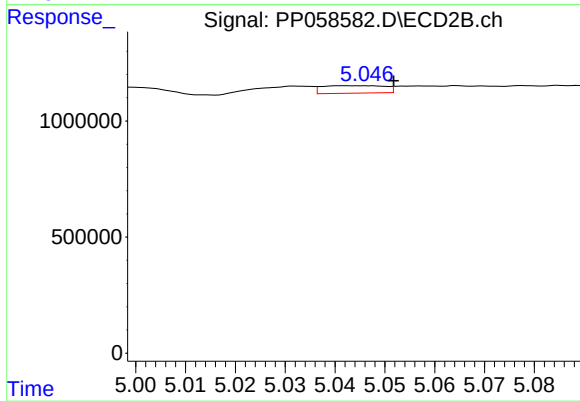
#13 AR-1232-3

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 186952
Conc: 10.76 ng/ml



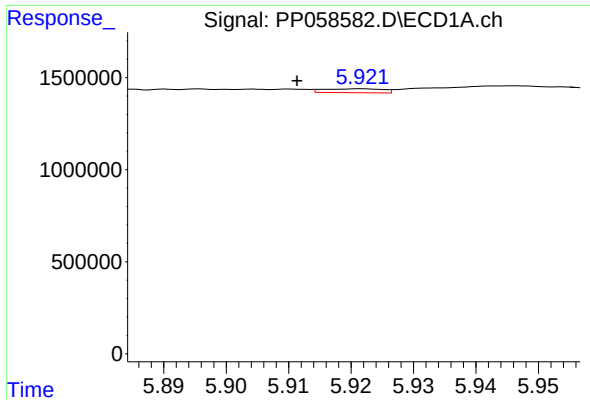
#14 AR-1232-4

R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 48620
Conc: 2.09 ng/ml



#14 AR-1232-4

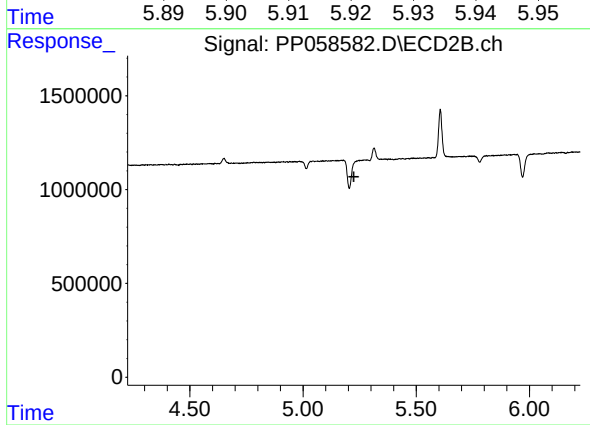
R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 282355
Conc: 16.79 ng/ml



#15 AR-1232-5

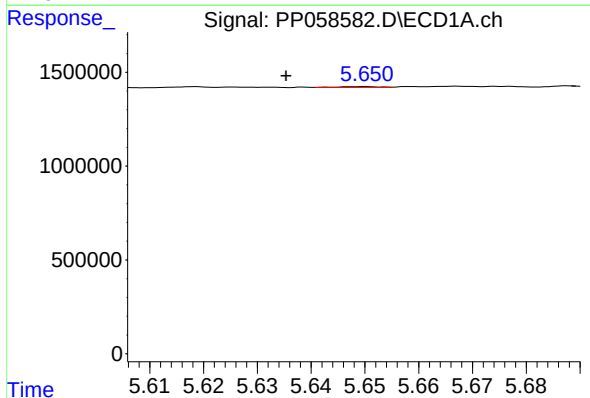
R.T.: 5.922 min
Delta R.T.: 0.010 min
Response: 141535
Conc: 7.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



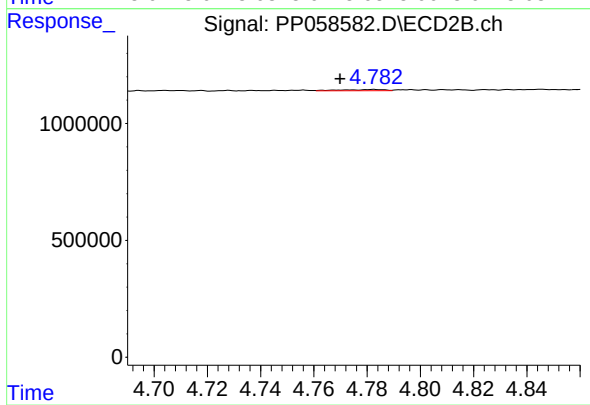
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.224 min
Response: 0
Conc: N.D.



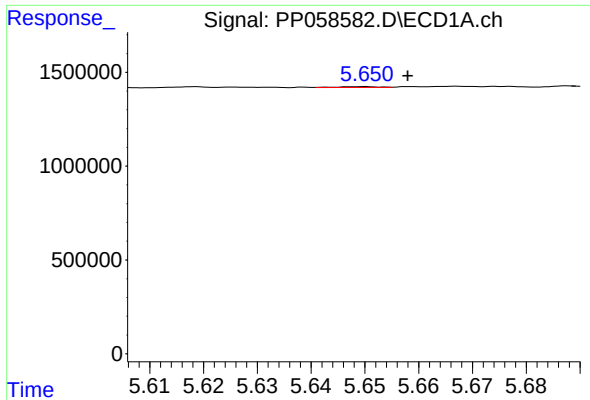
#16 AR-1242-1

R.T.: 5.649 min
Delta R.T.: 0.014 min
Response: 22711
Conc: 0.41 ng/ml



#16 AR-1242-1

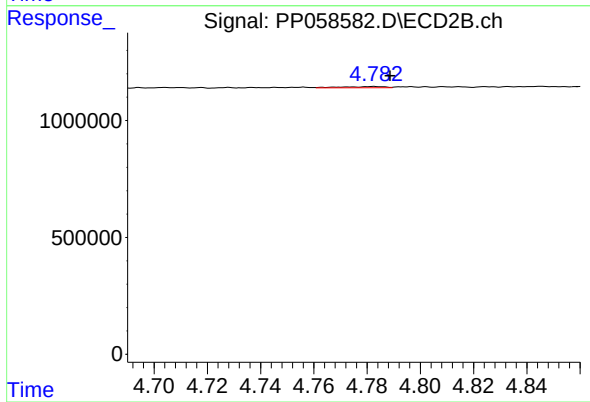
R.T.: 4.783 min
Delta R.T.: 0.013 min
Response: 56845
Conc: 1.43 ng/ml



#17 AR-1242-2

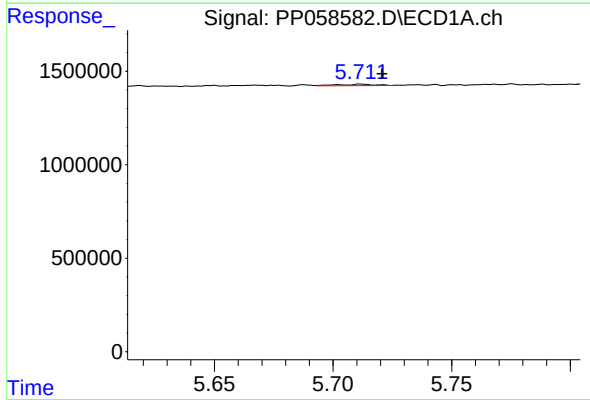
R.T.: 5.649 min
Delta R.T.: -0.009 min
Response: 22711
Conc: 0.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



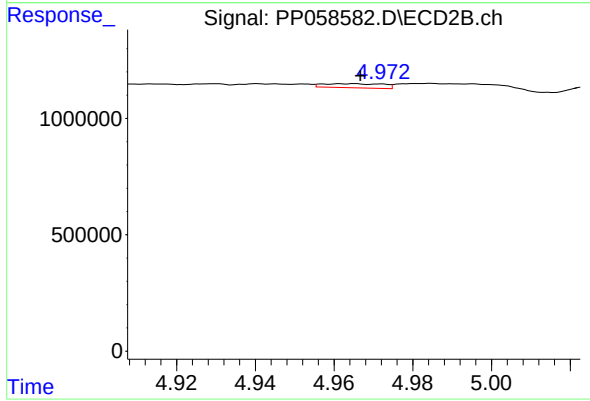
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.006 min
Response: 56845
Conc: 1.02 ng/ml



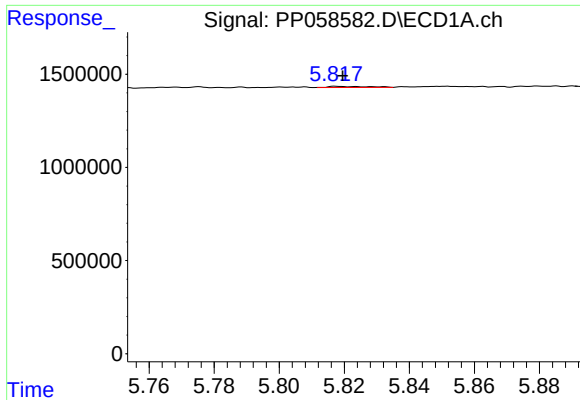
#18 AR-1242-3

R.T.: 5.712 min
Delta R.T.: -0.009 min
Response: 90077
Conc: 1.78 ng/ml



#18 AR-1242-3

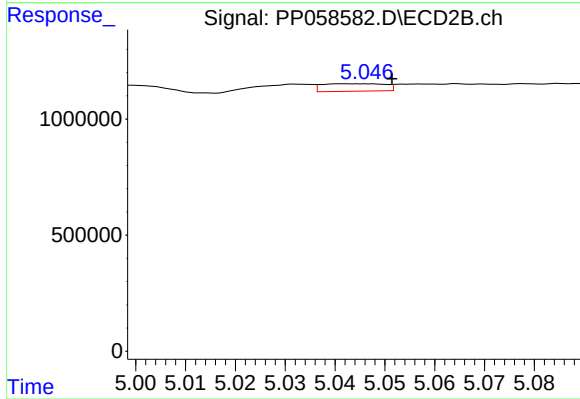
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 186952
Conc: 6.36 ng/ml



#19 AR-1242-4

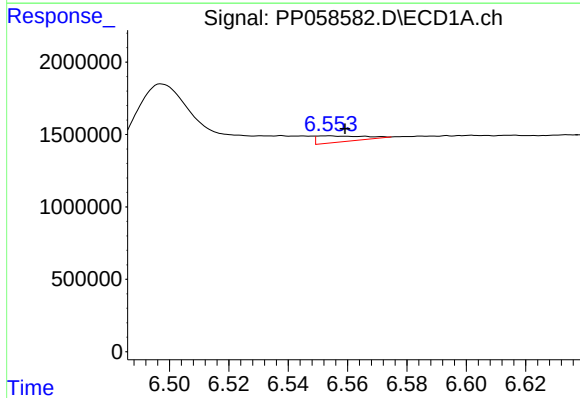
R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 48620
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



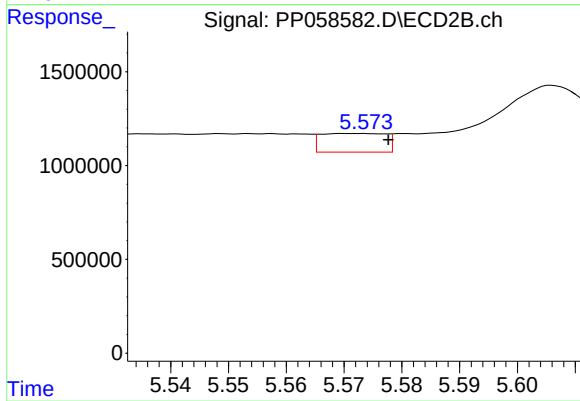
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 282355
Conc: 8.73 ng/ml



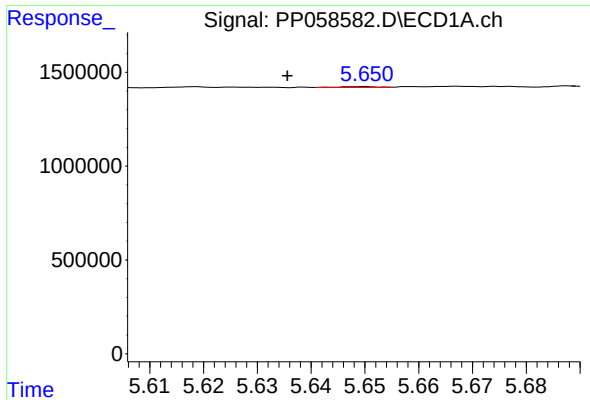
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: -0.006 min
Response: 455030
Conc: 12.52 ng/ml



#20 AR-1242-5

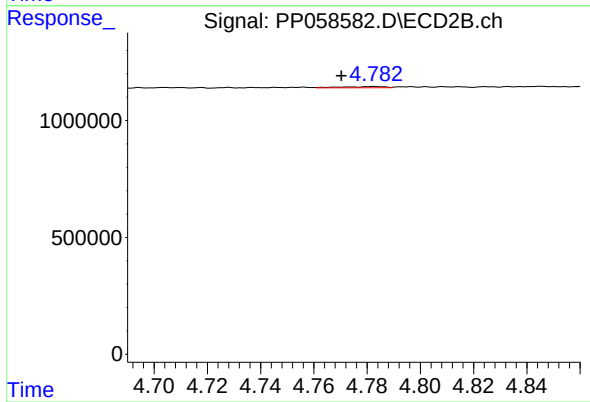
R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 774345
Conc: 20.42 ng/ml



#21 AR-1248-1

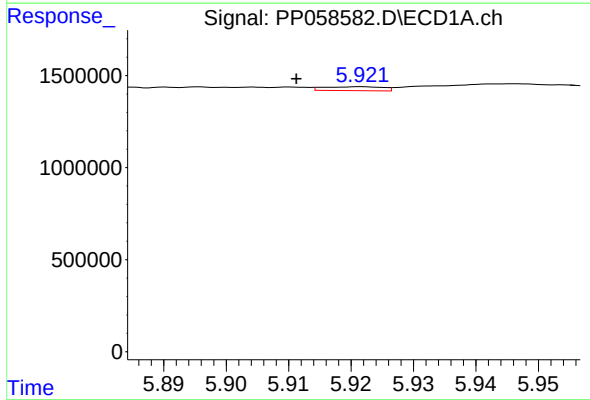
R.T.: 5.649 min
Delta R.T.: 0.014 min
Response: 22711
Conc: 0.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



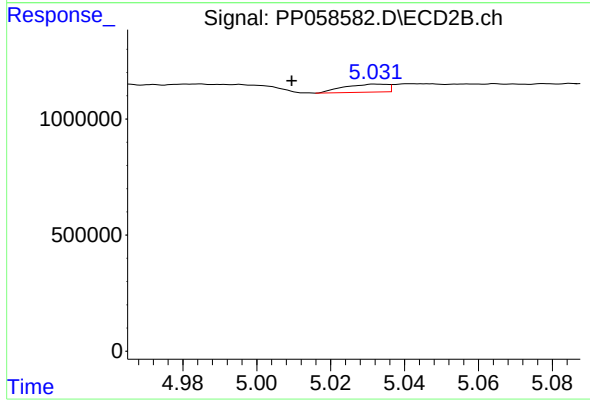
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.012 min
Response: 56845
Conc: 1.86 ng/ml



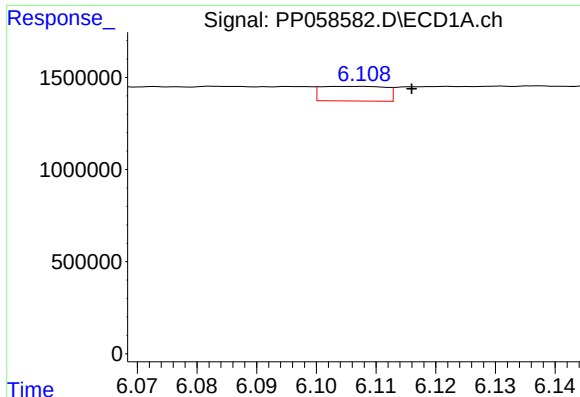
#22 AR-1248-2

R.T.: 5.922 min
Delta R.T.: 0.010 min
Response: 141535
Conc: 2.20 ng/ml



#22 AR-1248-2

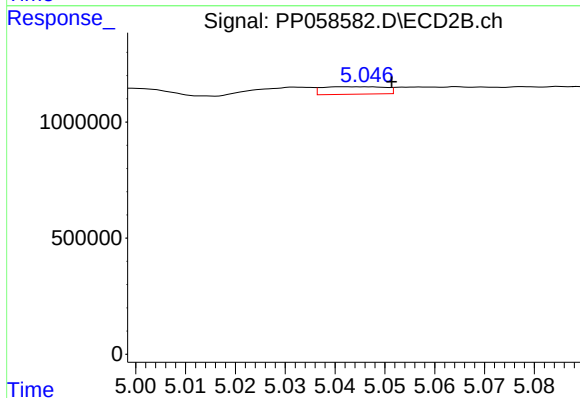
R.T.: 5.033 min
Delta R.T.: 0.023 min
Response: 280310
Conc: 6.13 ng/ml



#23 AR-1248-3

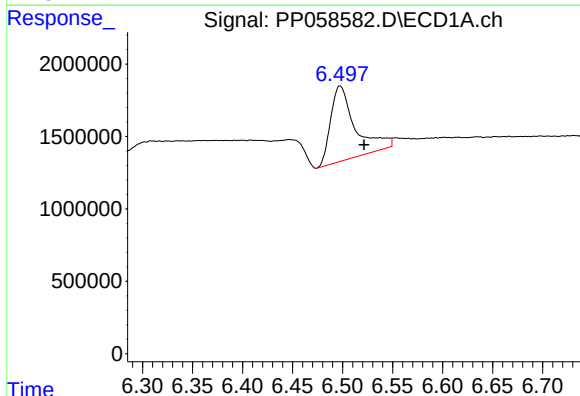
R.T.: 6.107 min
Delta R.T.: -0.009 min
Response: 598417
Conc: 8.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



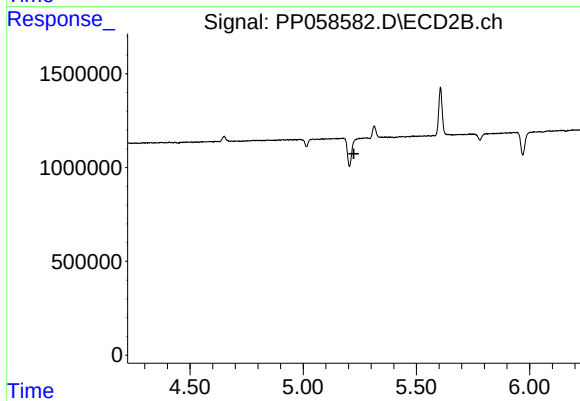
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 282355
Conc: 5.95 ng/ml



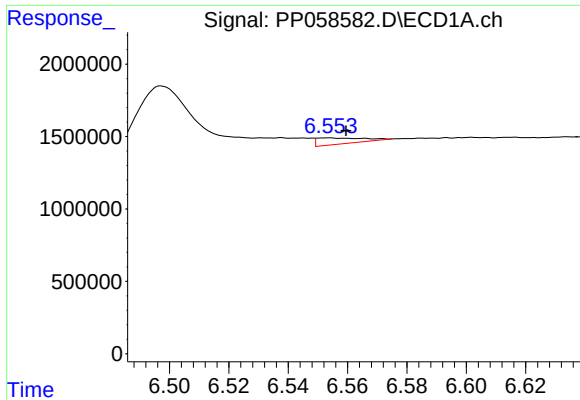
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: -0.024 min
Response: 8856058
Conc: 129.70 ng/ml



#24 AR-1248-4

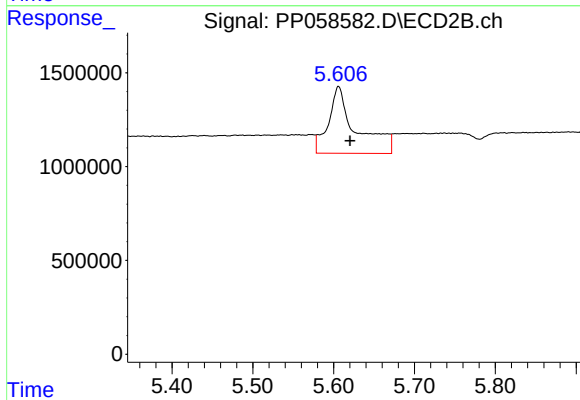
R.T.: 0.000 min
Exp R.T.: 5.224 min
Response: 0
Conc: N.D.



#25 AR-1248-5

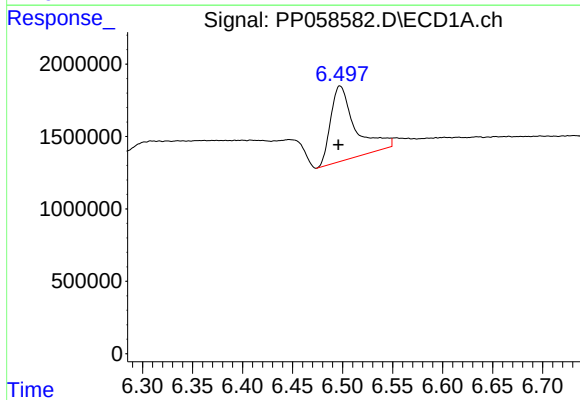
R.T.: 6.553 min
Delta R.T.: -0.006 min
Response: 455030
Conc: 7.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



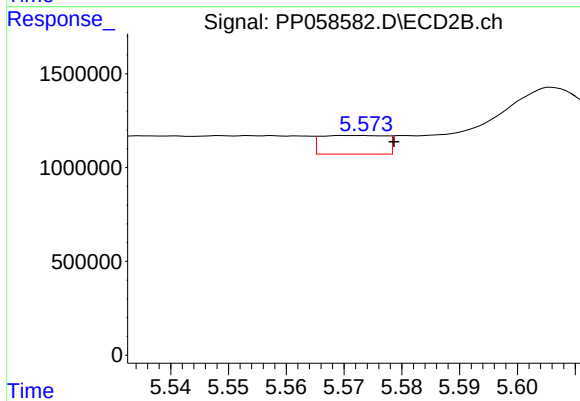
#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: -0.014 min
Response: 8420829
Conc: 171.58 ng/ml



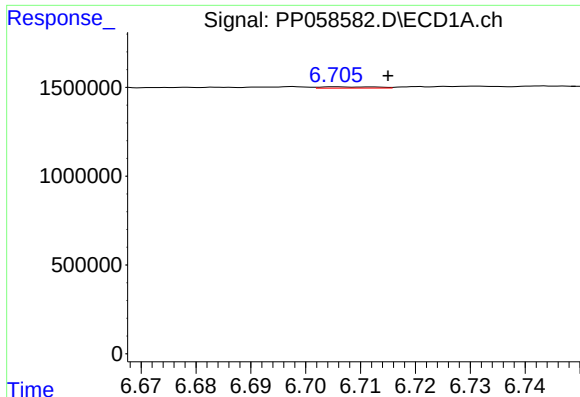
#26 AR-1254-1

R.T.: 6.497 min
Delta R.T.: 0.002 min
Response: 8856058
Conc: 115.51 ng/ml



#26 AR-1254-1

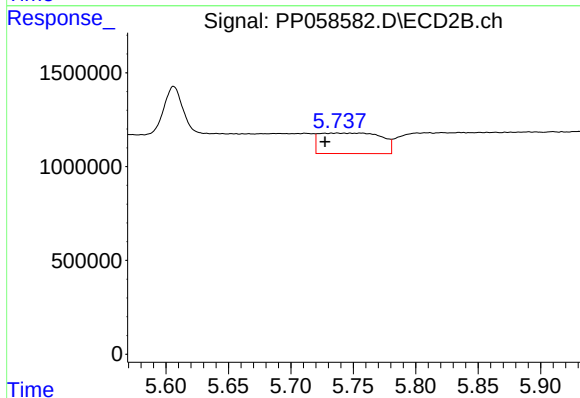
R.T.: 5.572 min
Delta R.T.: -0.007 min
Response: 774345
Conc: 10.04 ng/ml



#27 AR-1254-2

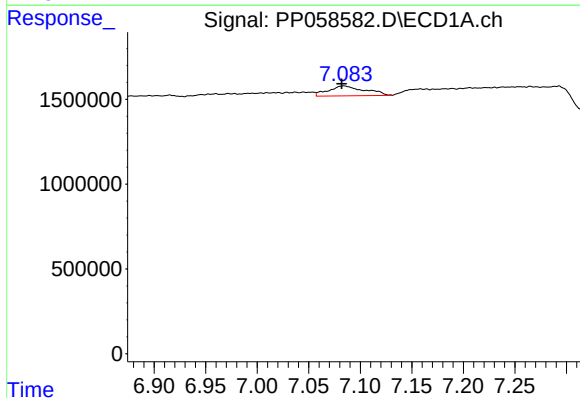
R.T.: 6.705 min
Delta R.T.: -0.009 min
Response: 48474
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



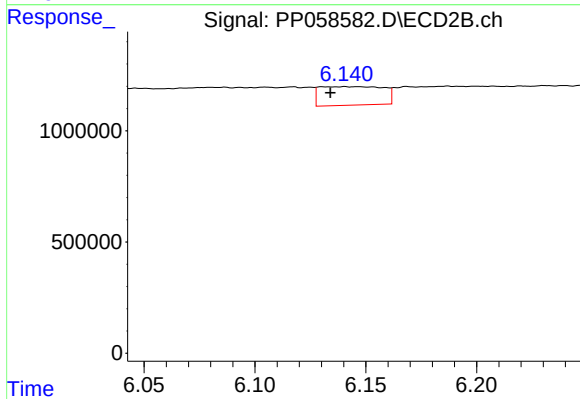
#27 AR-1254-2

R.T.: 5.737 min
Delta R.T.: 0.010 min
Response: 3760394
Conc: 54.93 ng/ml



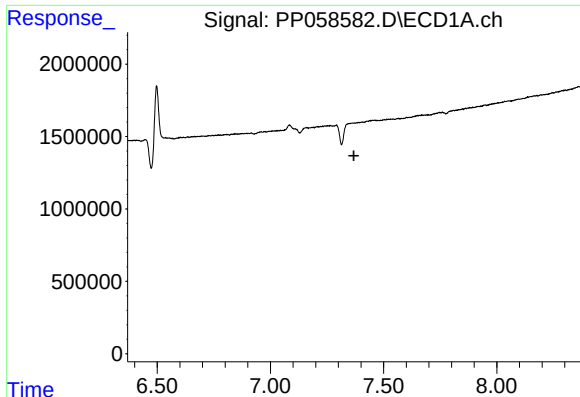
#28 AR-1254-3

R.T.: 7.084 min
Delta R.T.: 0.002 min
Response: 1430771
Conc: 13.34 ng/ml



#28 AR-1254-3

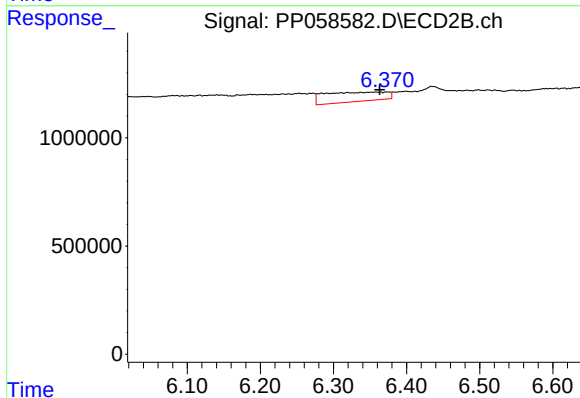
R.T.: 6.141 min
Delta R.T.: 0.007 min
Response: 1663395
Conc: 15.85 ng/ml



#29 AR-1254-4

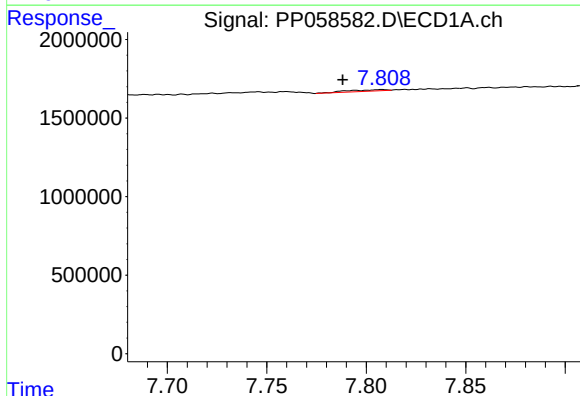
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



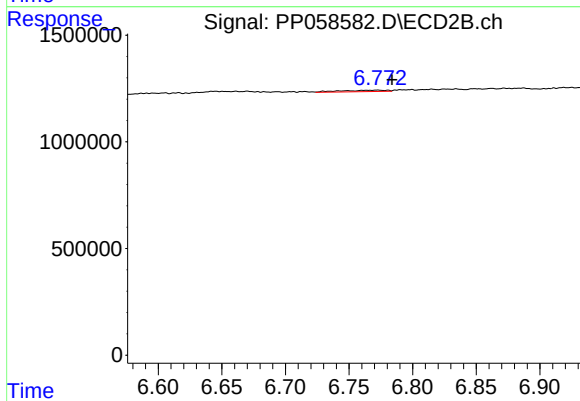
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: 0.010 min
Response: 2558721
Conc: 42.82 ng/ml



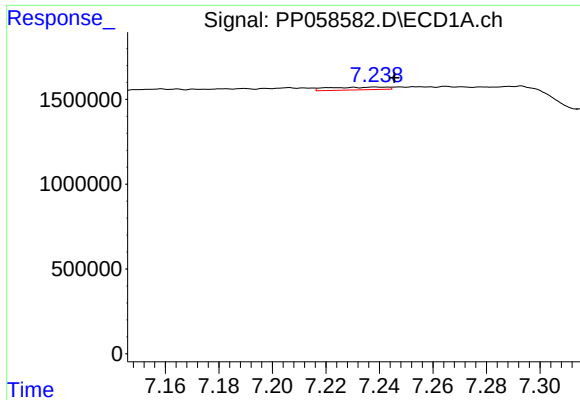
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: 0.020 min
Response: 123596
Conc: 1.53 ng/ml



#30 AR-1254-5

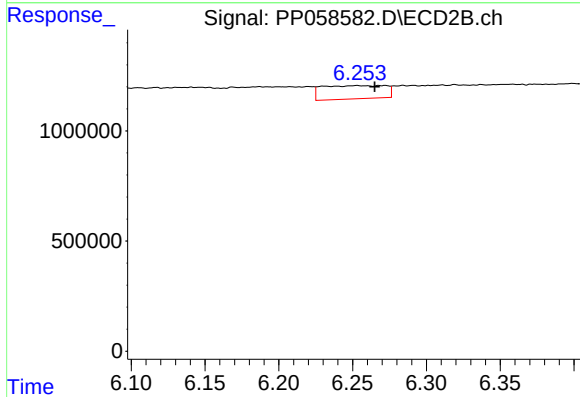
R.T.: 6.772 min
Delta R.T.: -0.011 min
Response: 178966
Conc: 1.94 ng/ml



#31 AR-1260-1

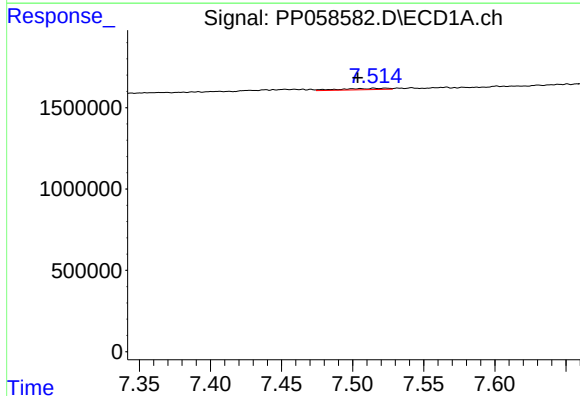
R.T.: 7.239 min
Delta R.T.: -0.007 min
Response: 240834
Conc: 2.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



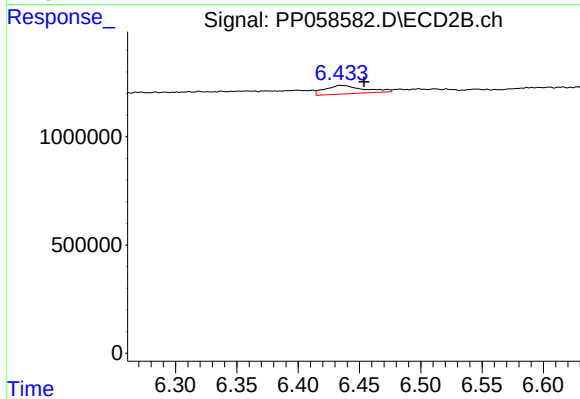
#31 AR-1260-1

R.T.: 6.253 min
Delta R.T.: -0.012 min
Response: 1793851
Conc: 23.21 ng/ml



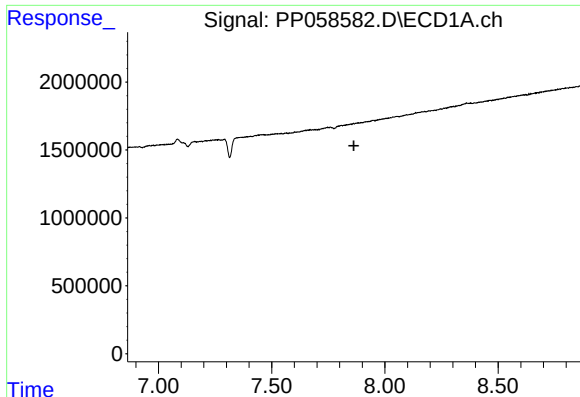
#32 AR-1260-2

R.T.: 7.515 min
Delta R.T.: 0.012 min
Response: 185716
Conc: 1.92 ng/ml



#32 AR-1260-2

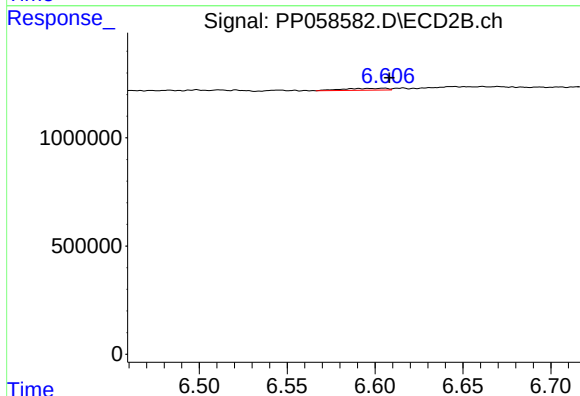
R.T.: 6.435 min
Delta R.T.: -0.019 min
Response: 871071
Conc: 9.85 ng/ml



#33 AR-1260-3

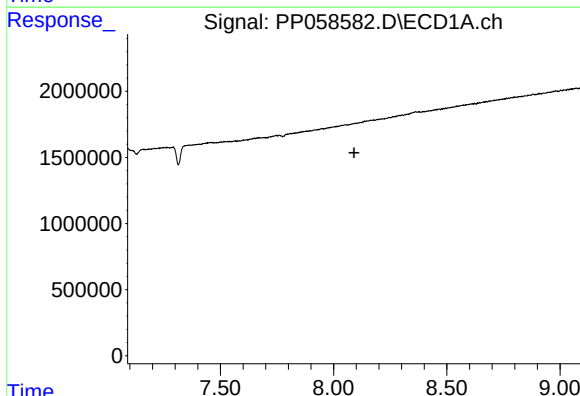
R.T.: 0.000 min
Exp R.T.: 7.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



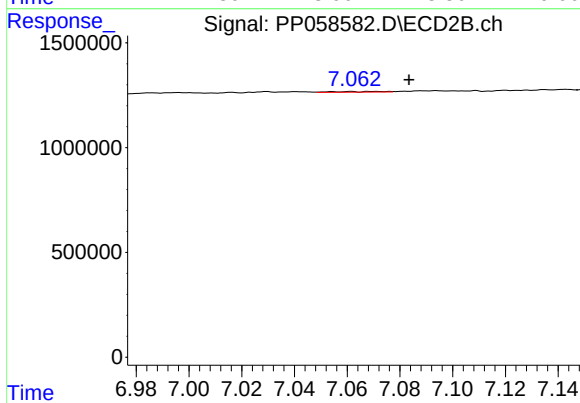
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 146800
Conc: 1.74 ng/ml



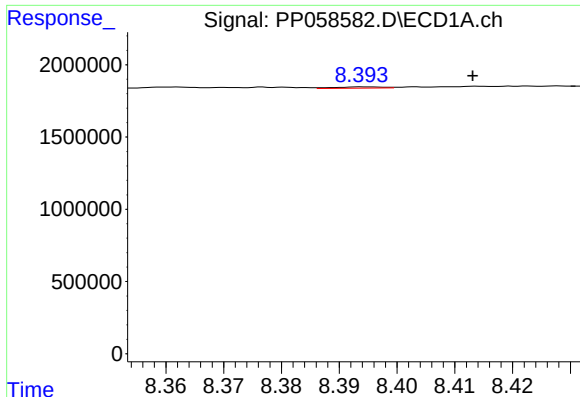
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.090 min
Response: 0
Conc: N.D.



#34 AR-1260-4

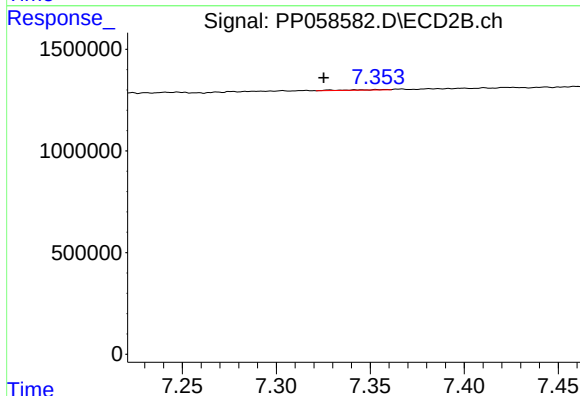
R.T.: 7.061 min
Delta R.T.: -0.022 min
Response: 42063
Conc: 0.70 ng/ml



#35 AR-1260-5

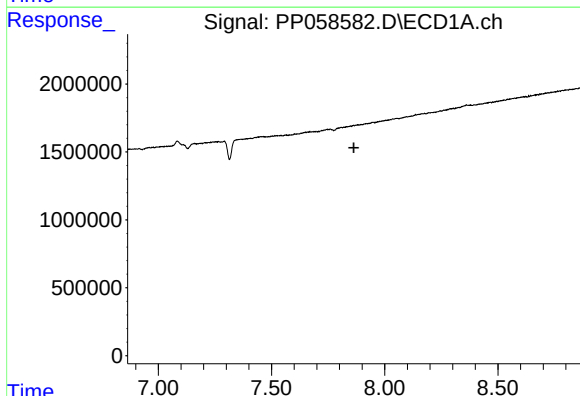
R.T.: 8.395 min
Delta R.T.: -0.018 min
Response: 53406
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



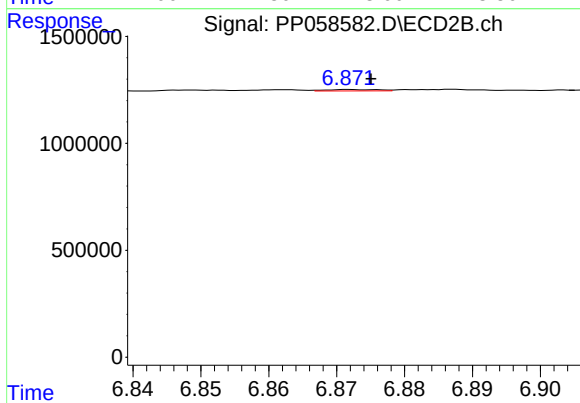
#35 AR-1260-5

R.T.: 7.328 min
Delta R.T.: 0.003 min
Response: 35875
Conc: 0.28 ng/ml



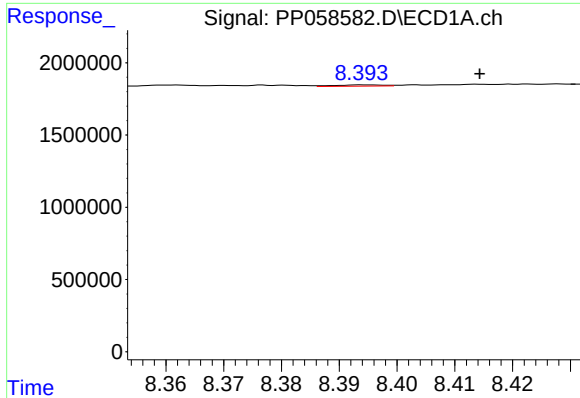
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.864 min
Response: 0
Conc: N.D.



#36 AR-1262-1

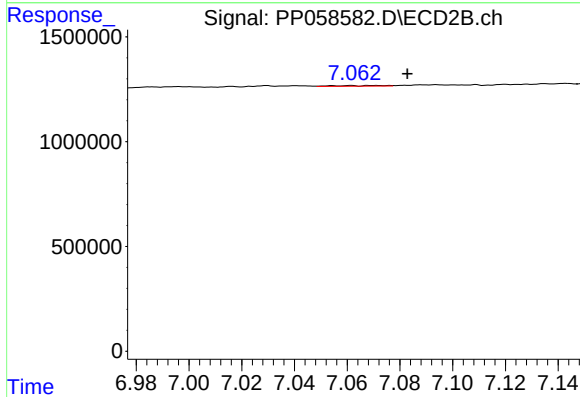
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 36278
Conc: 0.85 ng/ml



#37 AR-1262-2

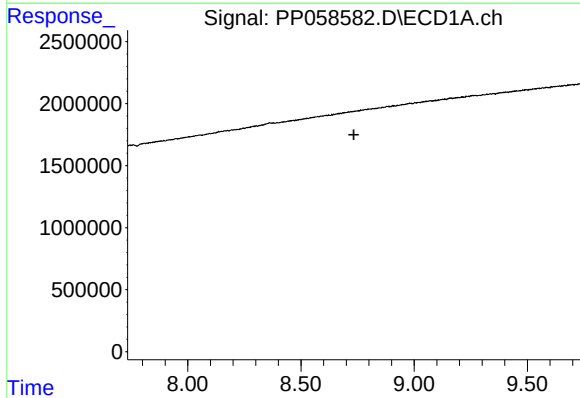
R.T.: 8.395 min
Delta R.T.: -0.020 min
Response: 53406
Conc: 0.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



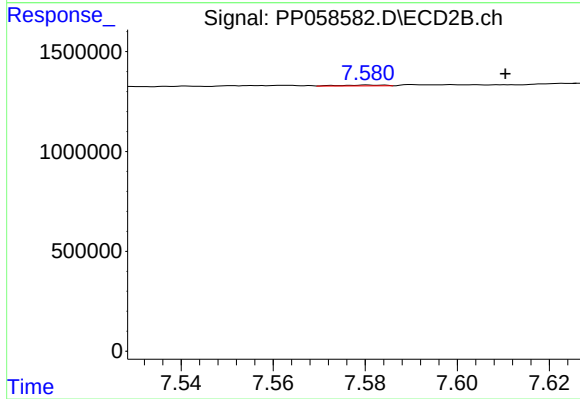
#37 AR-1262-2

R.T.: 7.061 min
Delta R.T.: -0.021 min
Response: 42063
Conc: 0.47 ng/ml



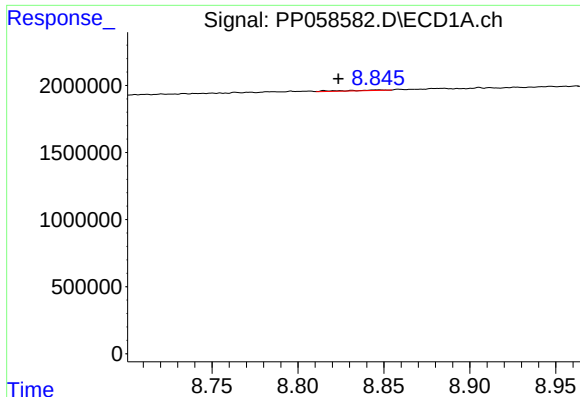
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.734 min
Response: 0
Conc: N.D.



#38 AR-1262-3

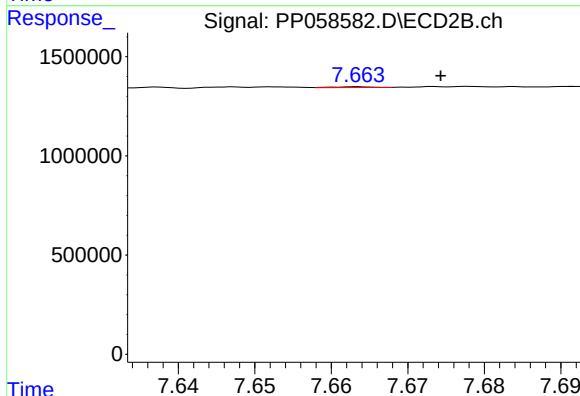
R.T.: 7.581 min
Delta R.T.: -0.030 min
Response: 27591
Conc: 0.40 ng/ml



#39 AR-1262-4

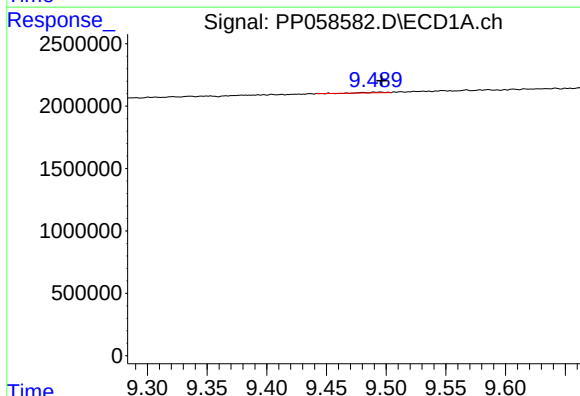
R.T.: 8.847 min
Delta R.T.: 0.023 min
Response: 79119
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



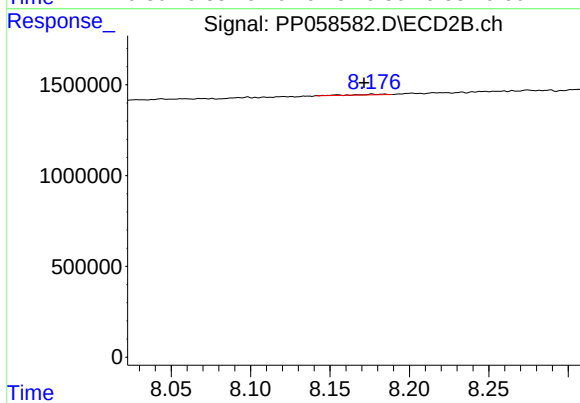
#39 AR-1262-4

R.T.: 7.663 min
Delta R.T.: -0.011 min
Response: 13969
Conc: 0.11 ng/ml



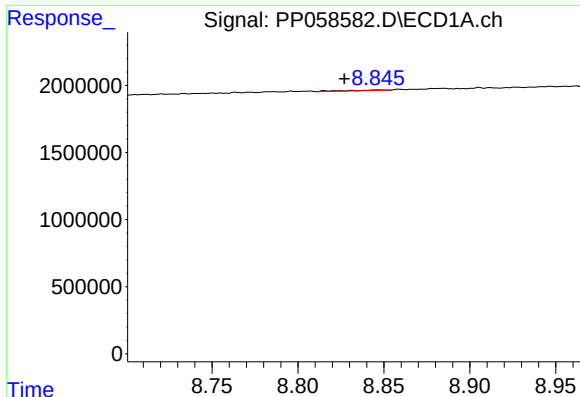
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.006 min
Response: 68164
Conc: 1.24 ng/ml



#40 AR-1262-5

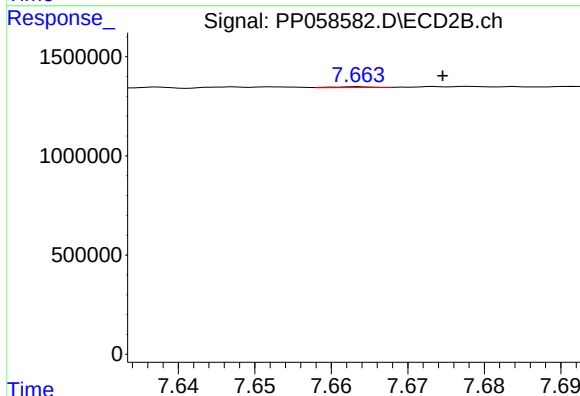
R.T.: 8.177 min
Delta R.T.: 0.005 min
Response: 44852
Conc: 0.85 ng/ml



#42 AR-1268-2

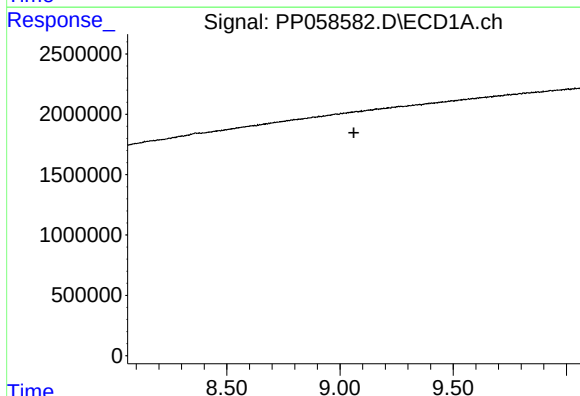
R.T.: 8.847 min
Delta R.T.: 0.020 min
Response: 79119
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



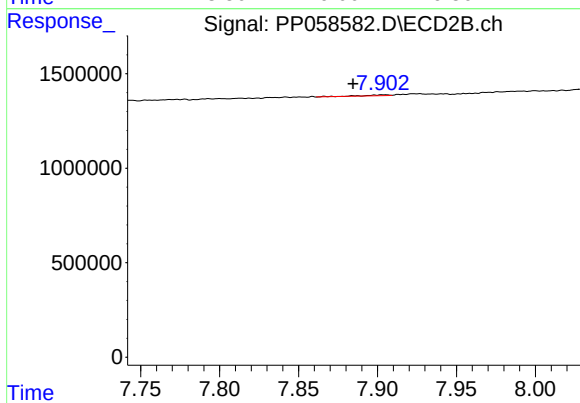
#42 AR-1268-2

R.T.: 7.663 min
Delta R.T.: -0.011 min
Response: 13969
Conc: 0.08 ng/ml



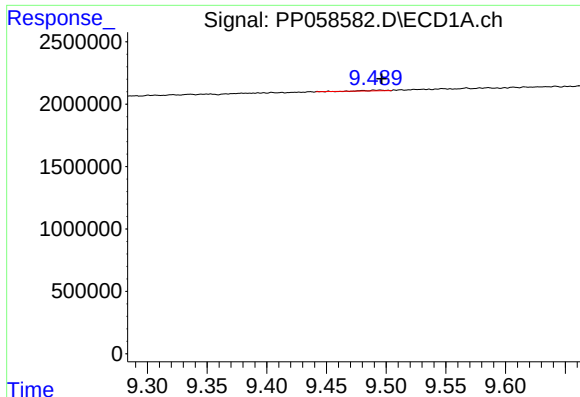
#43 AR-1268-3

R.T.: 9.073 min
Delta R.T.: 0.012 min
Response: -36336
Conc: N.D.



#43 AR-1268-3

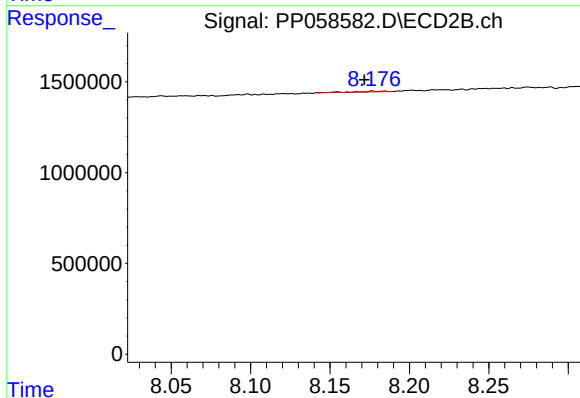
R.T.: 7.904 min
Delta R.T.: 0.019 min
Response: 35311
Conc: 0.24 ng/ml



#44 AR-1268-4

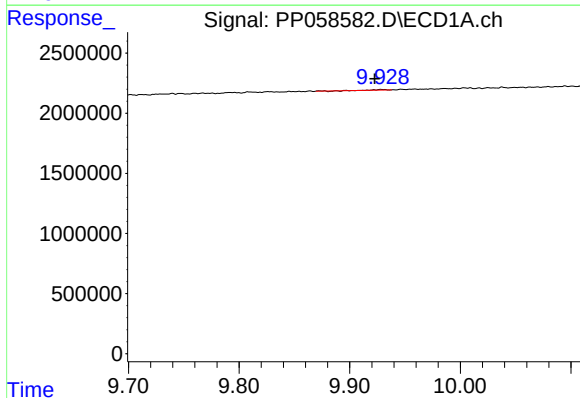
R.T.: 9.490 min
Delta R.T.: -0.006 min
Response: 68164
Conc: 1.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



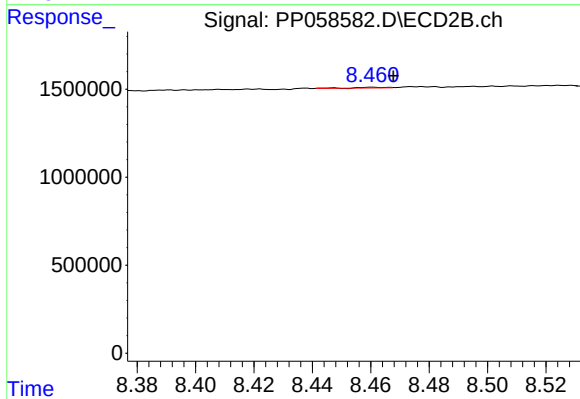
#44 AR-1268-4

R.T.: 8.177 min
Delta R.T.: 0.005 min
Response: 44852
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 9.929 min
Delta R.T.: 0.006 min
Response: 18368
Conc: 0.04 ng/ml



#45 AR-1268-5

R.T.: 8.460 min
Delta R.T.: -0.008 min
Response: 26972
Conc: 0.06 ng/ml