

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081522\
 Data File : PP050575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2022 16:33
 Operator : YP\AJ
 Sample : N4188-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 23:11:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 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...	4.345	3.591	30813065	60245758	19.143	19.234
2)	SA Decachlor...	10.092	8.553	21772284	19774874	12.364	12.848
Target Compounds							
3)	L1 AR-1016-1	5.524	4.679	36981	67401	0.591	0.663
4)	L1 AR-1016-2	5.542	4.679	34344	67401	0.388	0.466
5)	L1 AR-1016-3	5.579f	0.000	6548	0	0.120	N.D. #
6)	L1 AR-1016-4	5.726f	4.902	128189	1114452	2.780	19.127 #
7)	L1 AR-1016-5	5.999	5.124	1518308	161783	33.982	2.117 #
8)	L2 AR-1221-1	4.565	3.794	2106432	31220	106.615	0.817 #
9)	L2 AR-1221-2	4.656	3.872f	1426656	2445517	96.075	85.641
10)	L2 AR-1221-3	4.736	3.958	2327496	165759	51.732	1.936 #
11)	L3 AR-1232-1	4.736	3.958	2327496	165759	62.263	2.374 #
12)	L3 AR-1232-2	5.247	4.679	1126135	67401	62.181	1.048 #
13)	L3 AR-1232-3	5.542	0.000	34344	0	0.872	N.D. #
14)	L3 AR-1232-4	5.726f	4.941	128189	604141	6.336	20.507 #
15)	L3 AR-1232-5	5.798	5.124	265081	161783	16.956	4.913 #
16)	L4 AR-1242-1	5.524	4.679	36981	67401	0.730	0.813
17)	L4 AR-1242-2	5.542	4.679	34344	67401	0.475	0.577
18)	L4 AR-1242-3	5.579f	0.000	6548	0	0.148	N.D. #
19)	L4 AR-1242-4	5.726f	4.941	128189	604141	3.440	10.320 #
20)	L4 AR-1242-5	6.449	5.480f	150544	358281	3.567	5.154 #
21)	L5 AR-1248-1	5.524	4.679f	36981	67401	0.916	1.008
22)	L5 AR-1248-2	5.798	4.902	265081	1114452	4.745	12.901 #
23)	L5 AR-1248-3	5.999	4.941	1518308	604141	23.735	6.664 #
24)	L5 AR-1248-4	6.411	5.124	116738	161783	1.476	1.535
25)	L5 AR-1248-5	6.449	5.480f	150544	358281	1.983	3.608 #
26)	L6 AR-1254-1	6.385	5.480f	604201	358281	8.167	2.521 #
27)	L6 AR-1254-2	6.598	5.602	1120385	168985	9.644	1.428 #
29)	L6 AR-1254-4	7.255	6.227	426920	675278	4.363	6.400 #
30)	L6 AR-1254-5	7.674	6.650	616093	246264	6.141	1.849 #
31)	L7 AR-1260-1	7.155f	6.139	479687	316914	5.252	2.797 #
32)	L7 AR-1260-2	7.386	6.316	762428	275664	6.673	2.052 #
33)	L7 AR-1260-3	7.747	0.000	323119	0	3.794	N.D. #
34)	L7 AR-1260-4	7.974	0.000	445658	0	4.682	N.D. #
35)	L7 AR-1260-5	8.294	7.185	536644	302682	2.871	1.553 #
36)	L8 AR-1262-1	7.747	0.000	323119	0	2.698	N.D. #
37)	L8 AR-1262-2	8.294	0.000	536644	0	2.484	N.D. #
38)	L8 AR-1262-3	8.600	7.468	562438	455861	5.724	6.282
39)	L8 AR-1262-4	8.698	7.531	252770	205737	3.932	1.492 #
40)	L8 AR-1262-5	9.338	0.000	2213005	0	28.035	N.D. #
41)	L9 AR-1268-1	8.600	7.468	562438	455861	2.215	2.075
42)	L9 AR-1268-2	8.698	7.531	252770	205737	1.036	1.033

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 23:11:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.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
43) L9	AR-1268-3	8.920	0.000	676521	0	3.407	N.D. #
44) L9	AR-1268-4	9.338	0.000	2213005	0	25.676	N.D. #
45) L9	AR-1268-5	9.781f	8.308	2583834	105194	3.874	0.191 #

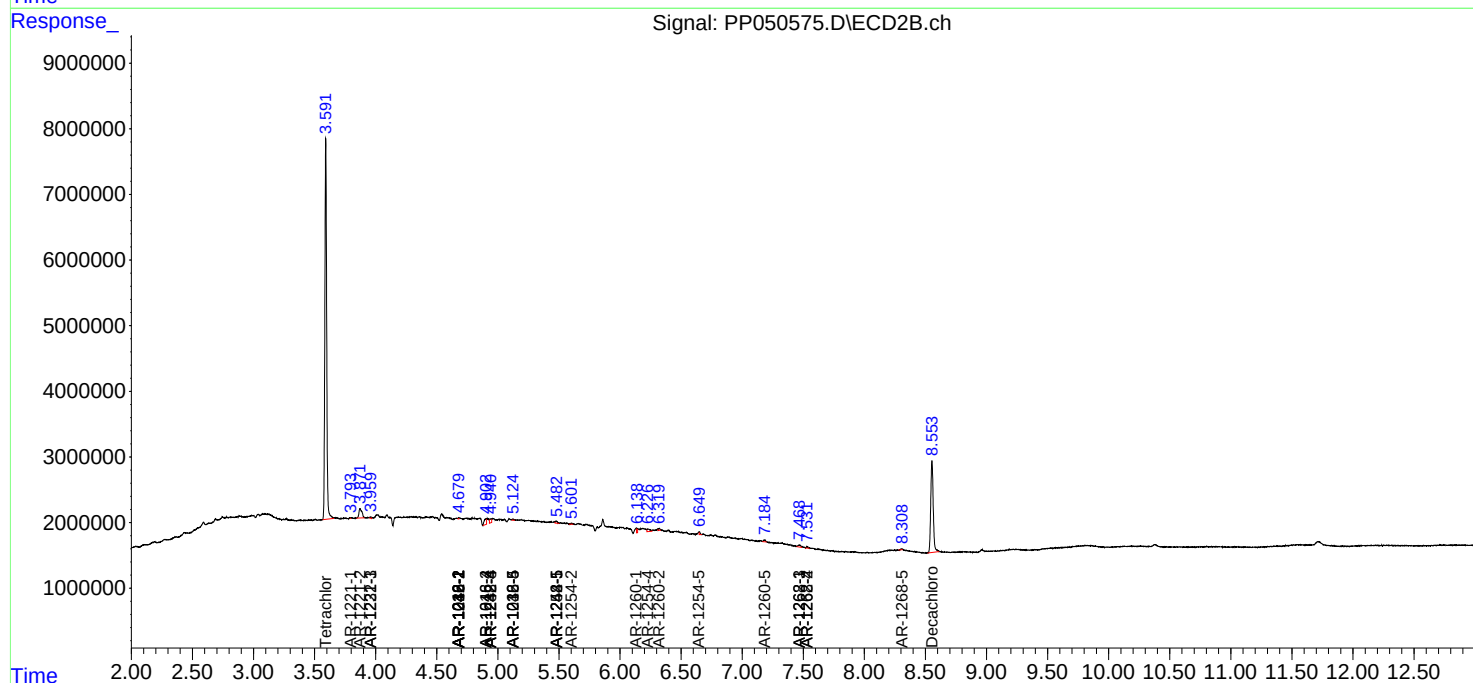
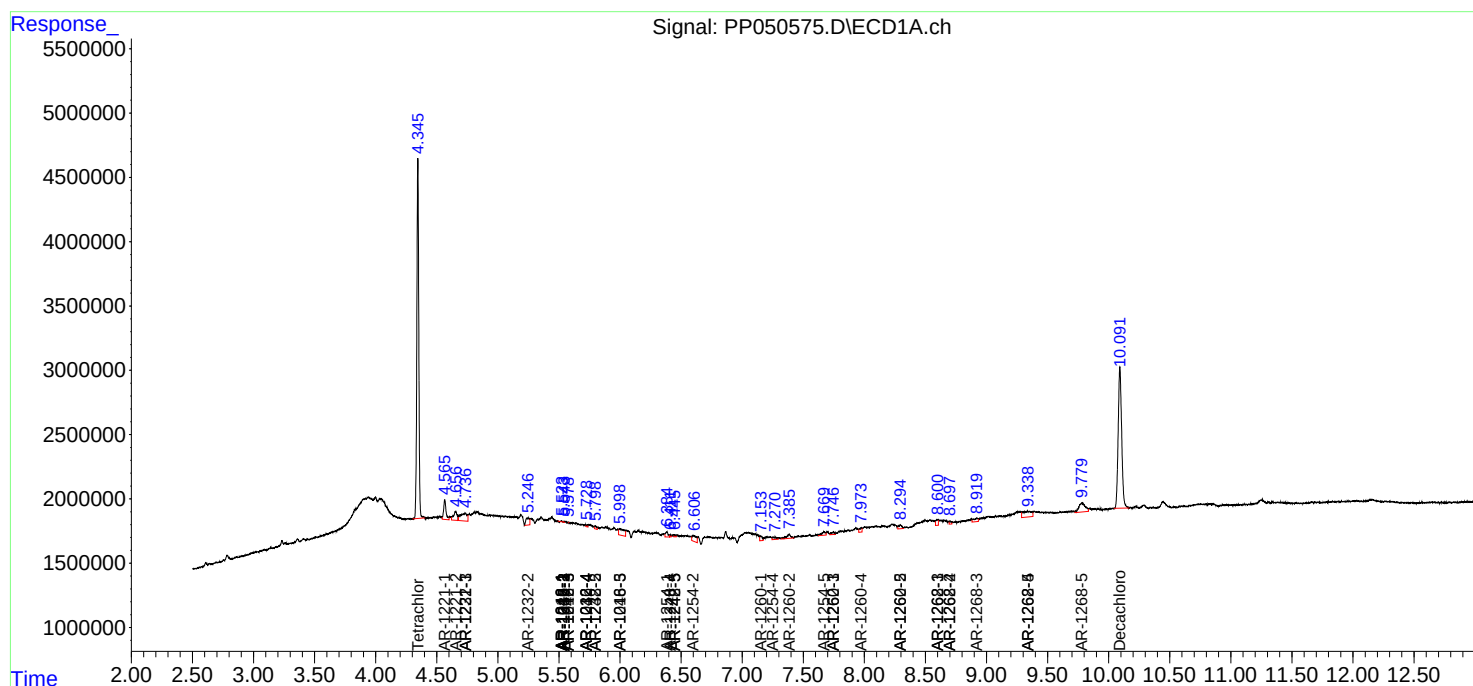
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

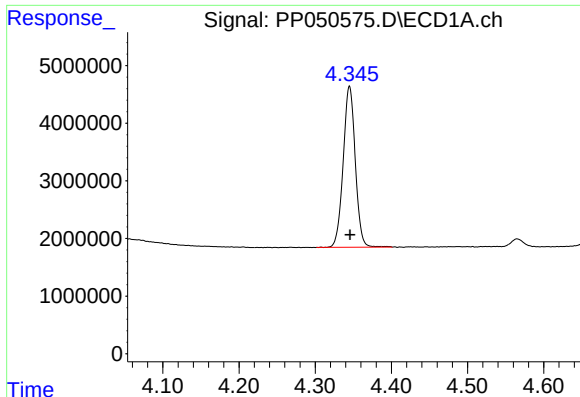
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081522\
Data File : PP050575.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

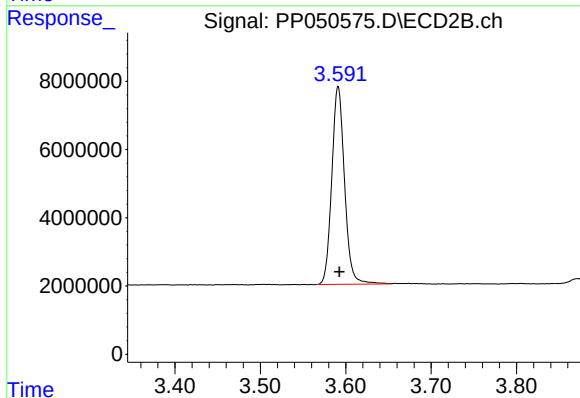




#1 Tetrachloro-m-xylene

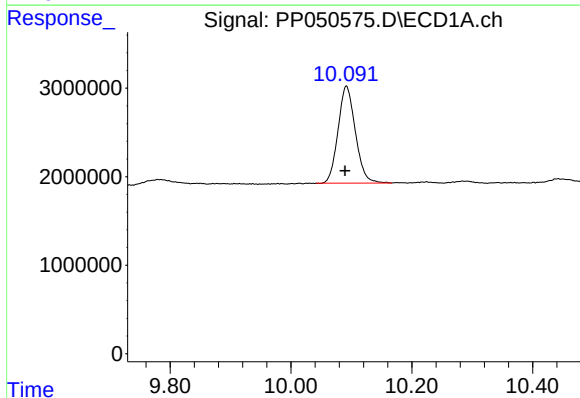
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 30813065
Conc: 19.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



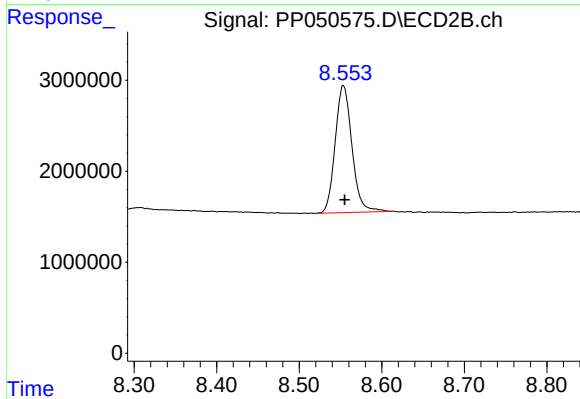
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 60245758
Conc: 19.23 ng/ml



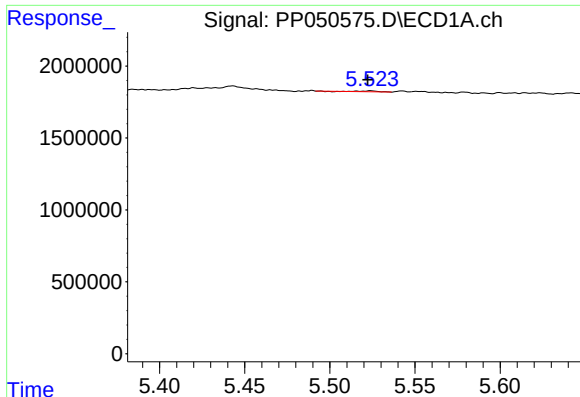
#2 Decachlorobiphenyl

R.T.: 10.092 min
Delta R.T.: 0.002 min
Response: 21772284
Conc: 12.36 ng/ml



#2 Decachlorobiphenyl

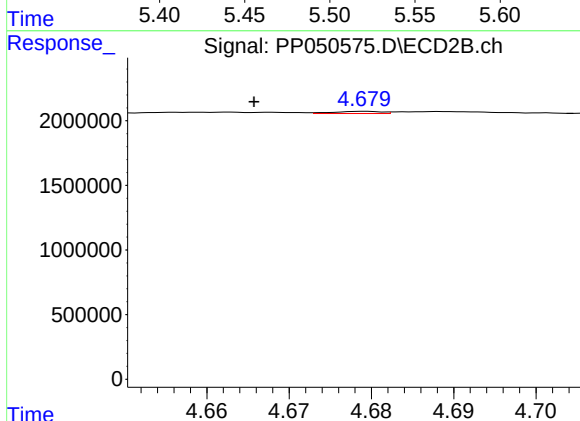
R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 19774874
Conc: 12.85 ng/ml



#3 AR-1016-1

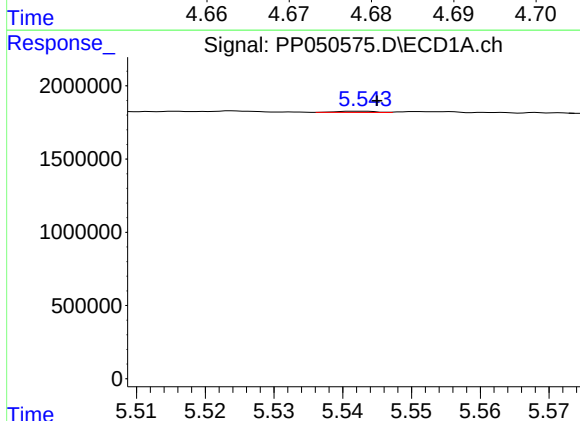
R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 36981
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



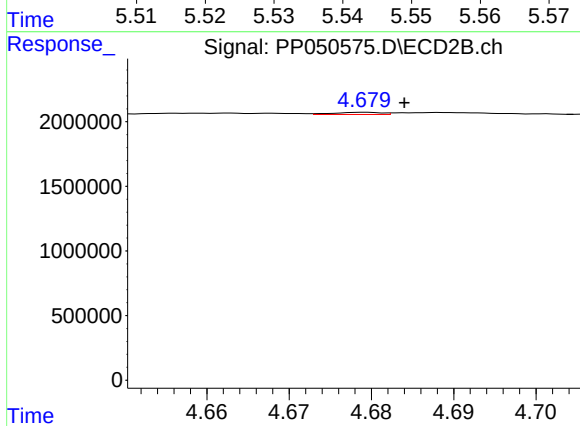
#3 AR-1016-1

R.T.: 4.679 min
Delta R.T.: 0.013 min
Response: 67401
Conc: 0.66 ng/ml



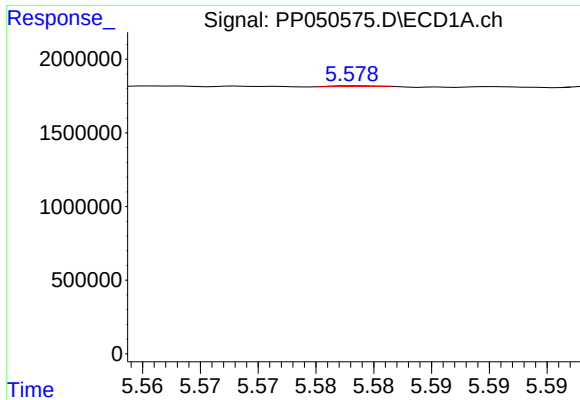
#4 AR-1016-2

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 34344
Conc: 0.39 ng/ml



#4 AR-1016-2

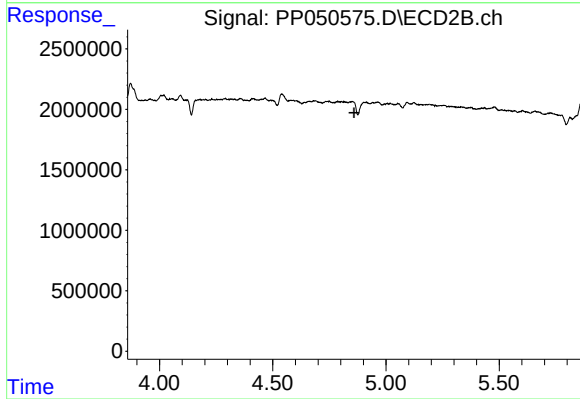
R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 67401
Conc: 0.47 ng/ml



#5 AR-1016-3

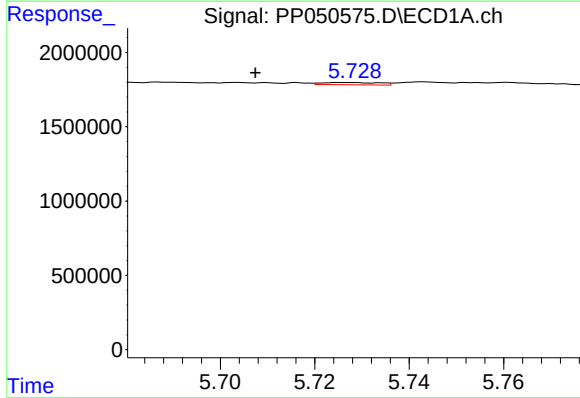
R.T.: 5.579 min
Delta R.T.: -0.028 min
Response: 6548
Conc: 0.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



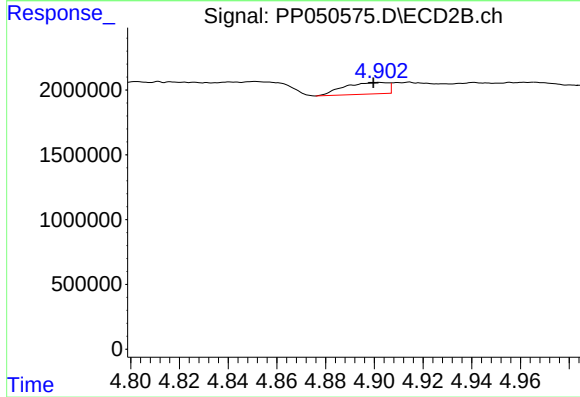
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.859 min
Response: 0
Conc: N.D.



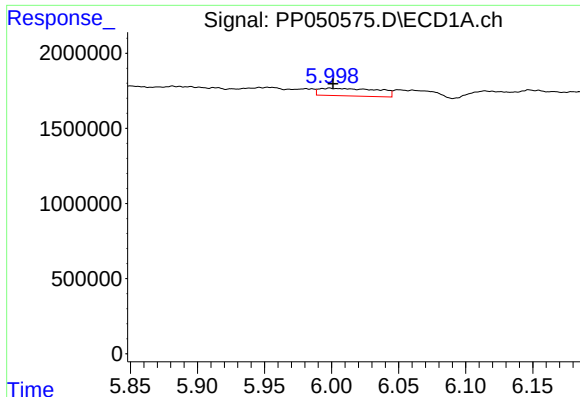
#6 AR-1016-4

R.T.: 5.726 min
Delta R.T.: 0.019 min
Response: 128189
Conc: 2.78 ng/ml



#6 AR-1016-4

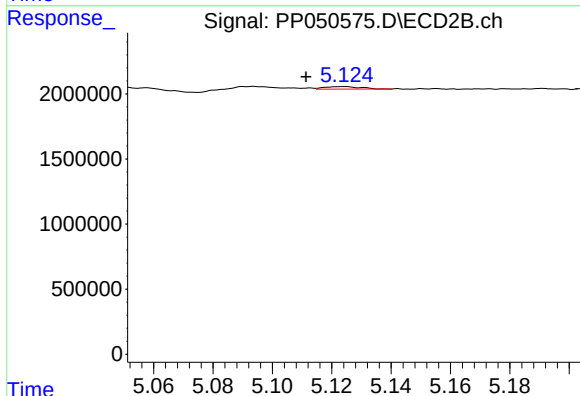
R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 1114452
Conc: 19.13 ng/ml



#7 AR-1016-5

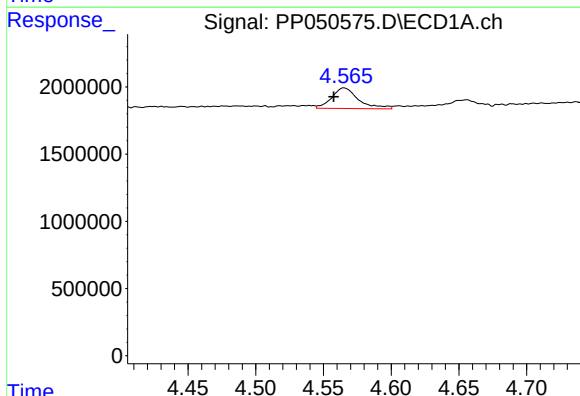
R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 1518308
Conc: 33.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



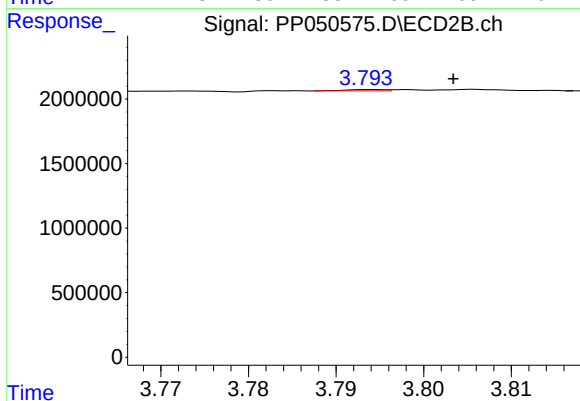
#7 AR-1016-5

R.T.: 5.124 min
Delta R.T.: 0.013 min
Response: 161783
Conc: 2.12 ng/ml



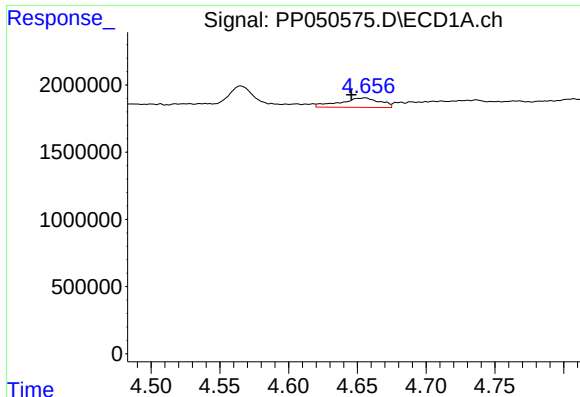
#8 AR-1221-1

R.T.: 4.565 min
Delta R.T.: 0.008 min
Response: 2106432
Conc: 106.61 ng/ml



#8 AR-1221-1

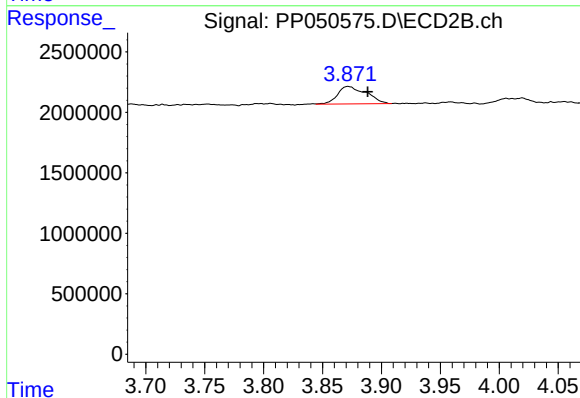
R.T.: 3.794 min
Delta R.T.: -0.010 min
Response: 31220
Conc: 0.82 ng/ml



#9 AR-1221-2

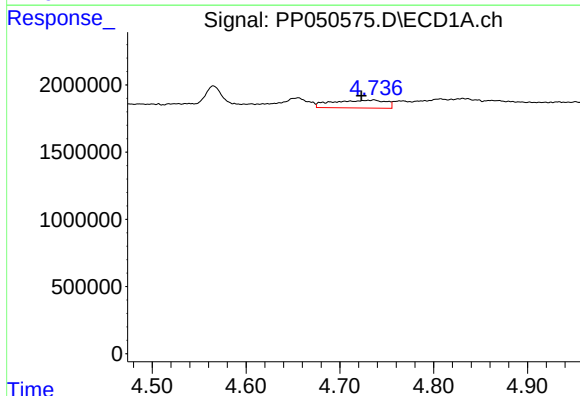
R.T.: 4.656 min
Delta R.T.: 0.010 min
Response: 1426656
Conc: 96.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



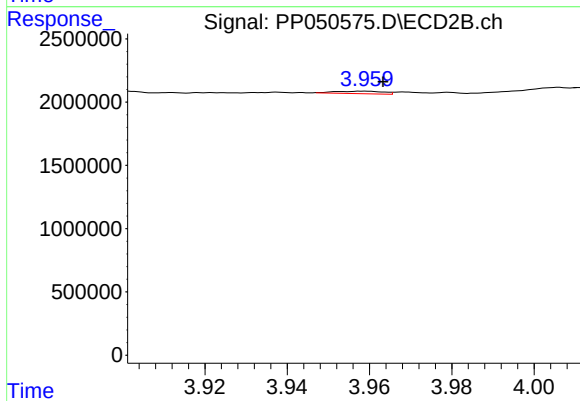
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.017 min
Response: 2445517
Conc: 85.64 ng/ml



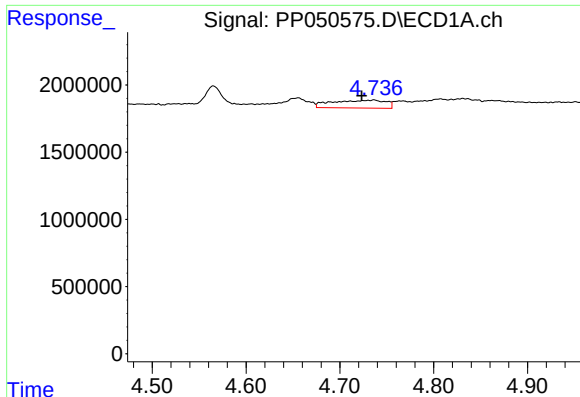
#10 AR-1221-3

R.T.: 4.736 min
Delta R.T.: 0.013 min
Response: 2327496
Conc: 51.73 ng/ml



#10 AR-1221-3

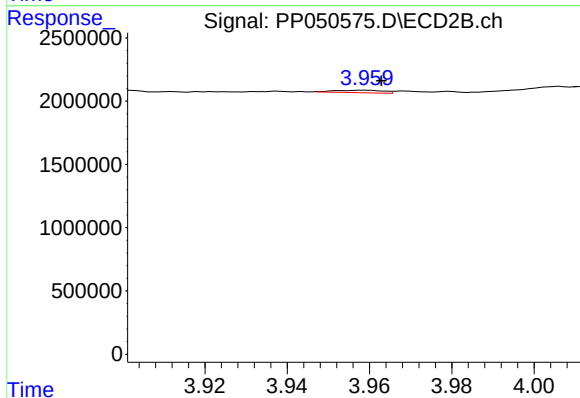
R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 165759
Conc: 1.94 ng/ml



#11 AR-1232-1

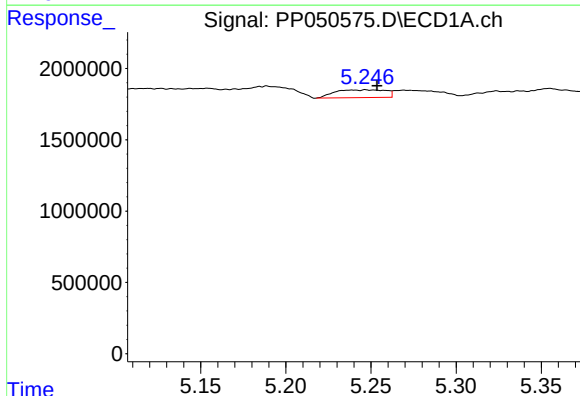
R.T.: 4.736 min
Delta R.T.: 0.013 min
Response: 2327496
Conc: 62.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



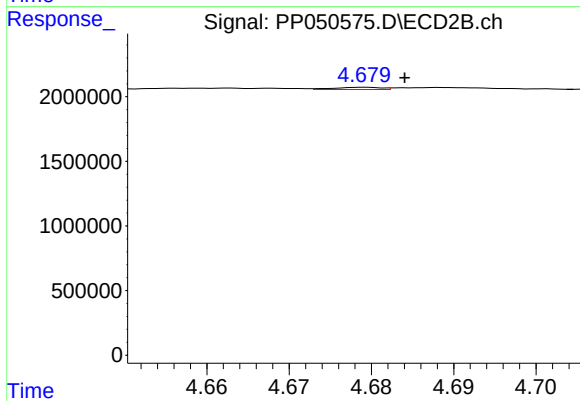
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.004 min
Response: 165759
Conc: 2.37 ng/ml



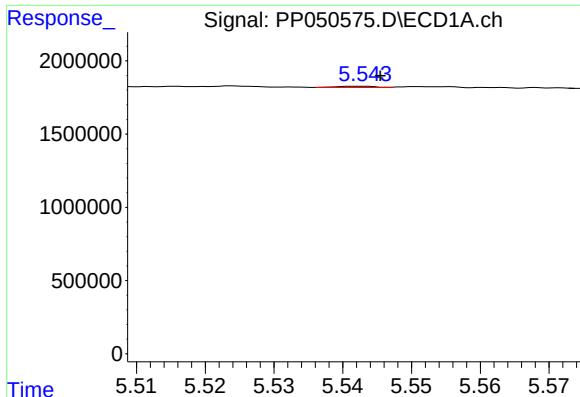
#12 AR-1232-2

R.T.: 5.247 min
Delta R.T.: -0.007 min
Response: 1126135
Conc: 62.18 ng/ml



#12 AR-1232-2

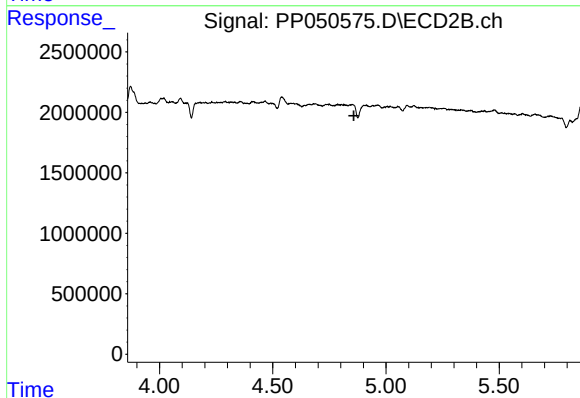
R.T.: 4.679 min
Delta R.T.: -0.005 min
Response: 67401
Conc: 1.05 ng/ml



#13 AR-1232-3

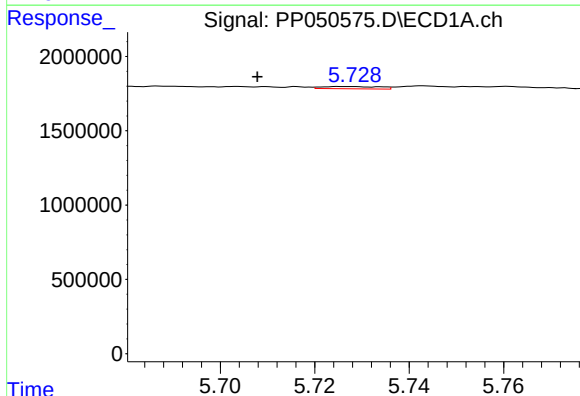
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 34344
Conc: 0.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



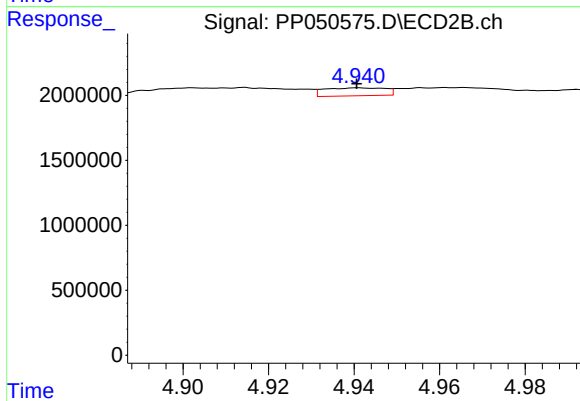
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



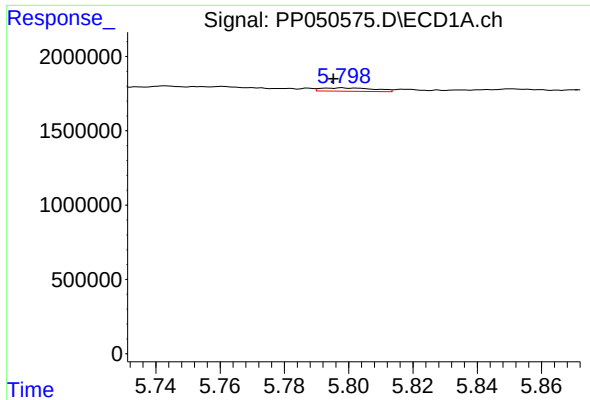
#14 AR-1232-4

R.T.: 5.726 min
Delta R.T.: 0.019 min
Response: 128189
Conc: 6.34 ng/ml



#14 AR-1232-4

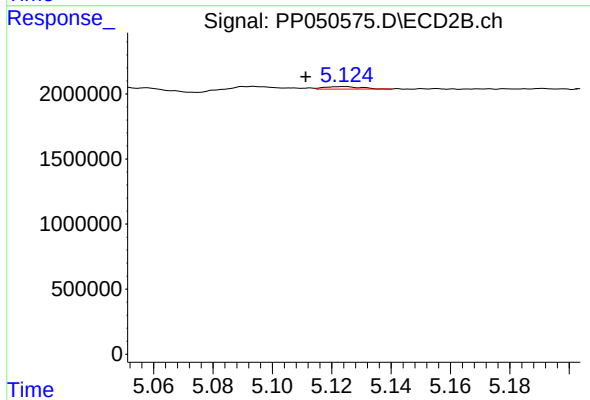
R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 604141
Conc: 20.51 ng/ml



#15 AR-1232-5

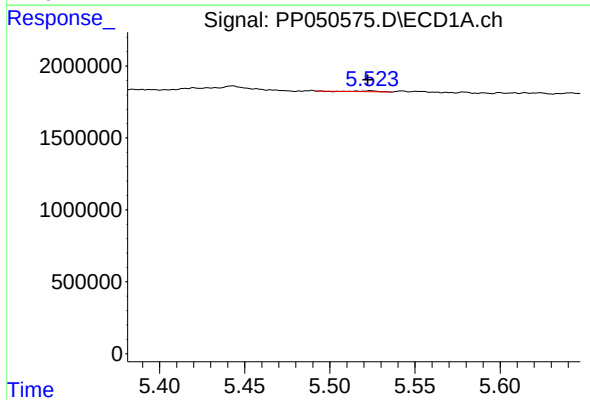
R.T.: 5.798 min
Delta R.T.: 0.003 min
Response: 265081
Conc: 16.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



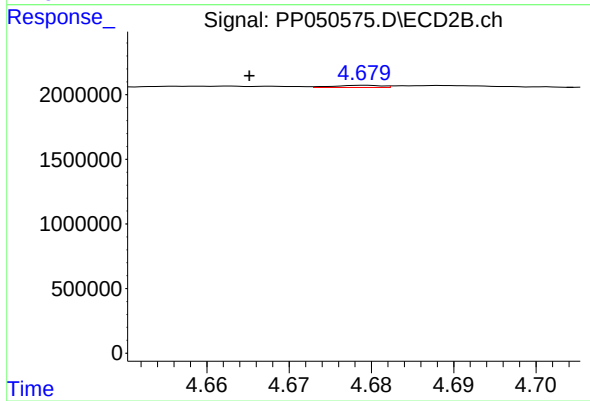
#15 AR-1232-5

R.T.: 5.124 min
Delta R.T.: 0.013 min
Response: 161783
Conc: 4.91 ng/ml



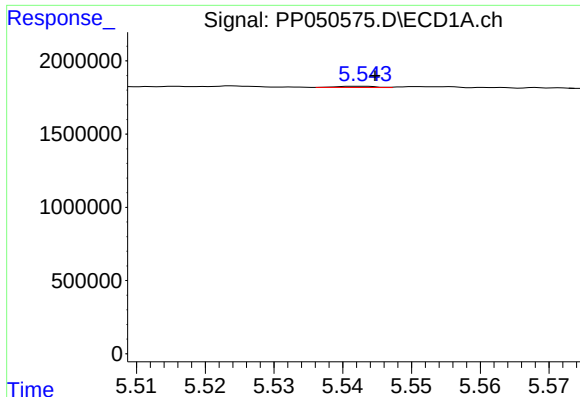
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 36981
Conc: 0.73 ng/ml



#16 AR-1242-1

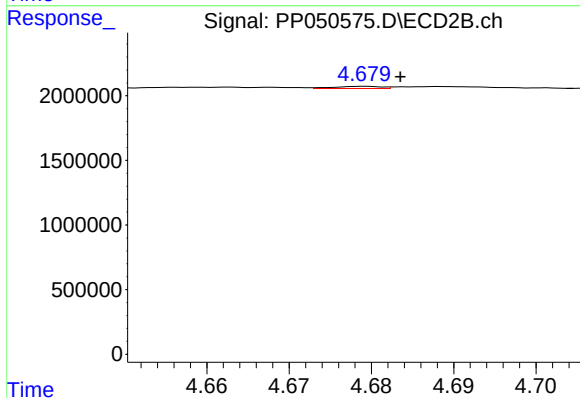
R.T.: 4.679 min
Delta R.T.: 0.014 min
Response: 67401
Conc: 0.81 ng/ml



#17 AR-1242-2

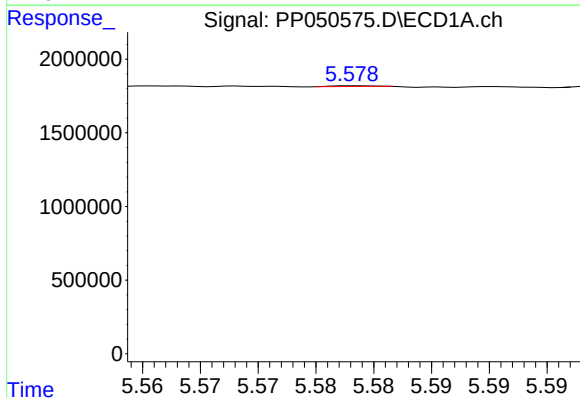
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 34344
Conc: 0.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



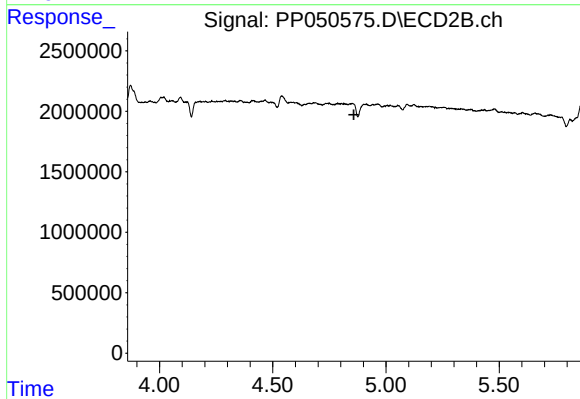
#17 AR-1242-2

R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 67401
Conc: 0.58 ng/ml



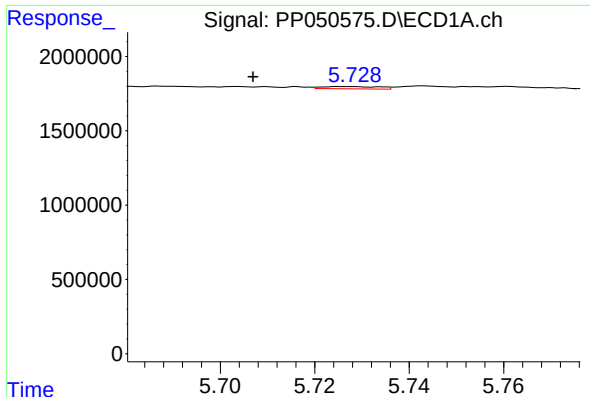
#18 AR-1242-3

R.T.: 5.579 min
Delta R.T.: -0.027 min
Response: 6548
Conc: 0.15 ng/ml



#18 AR-1242-3

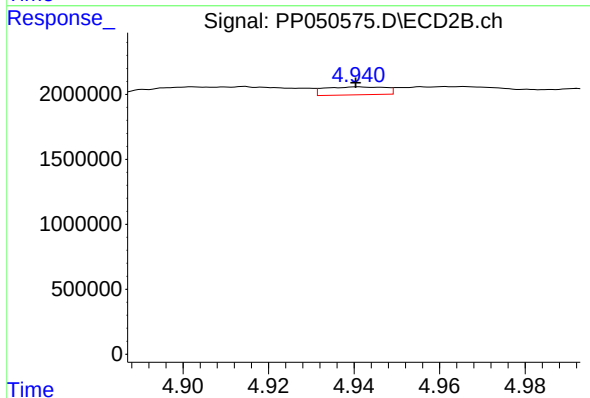
R.T.: 0.000 min
Exp R.T.: 4.858 min
Response: 0
Conc: N.D.



#19 AR-1242-4

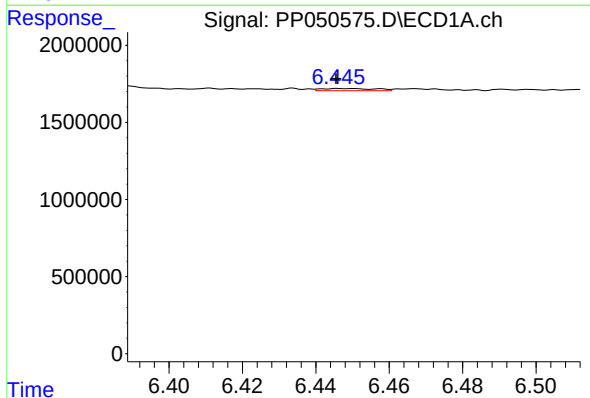
R.T.: 5.726 min
Delta R.T.: 0.020 min
Response: 128189
Conc: 3.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



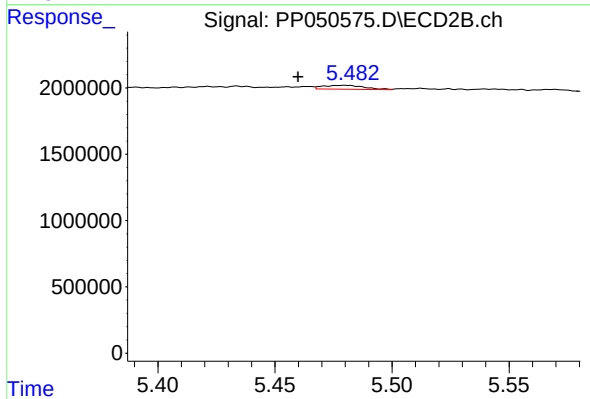
#19 AR-1242-4

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 604141
Conc: 10.32 ng/ml



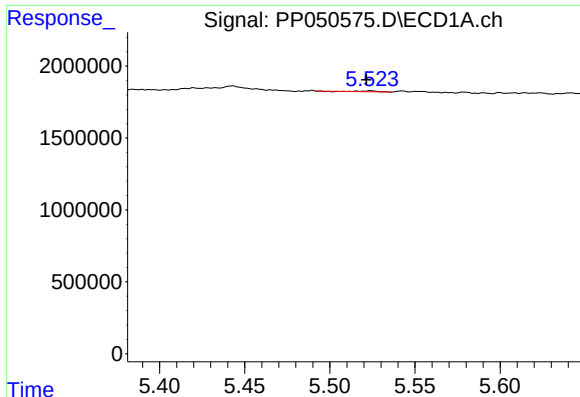
#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: 0.004 min
Response: 150544
Conc: 3.57 ng/ml



#20 AR-1242-5

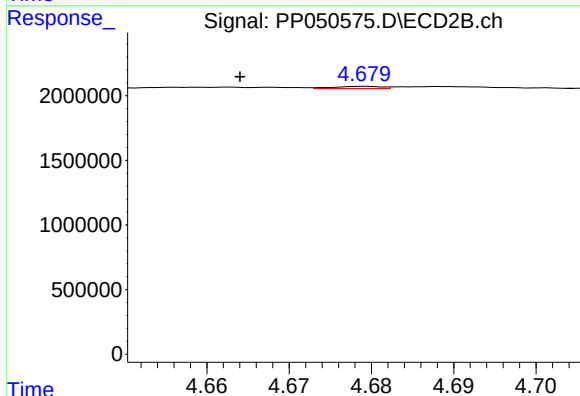
R.T.: 5.480 min
Delta R.T.: 0.020 min
Response: 358281
Conc: 5.15 ng/ml



#21 AR-1248-1

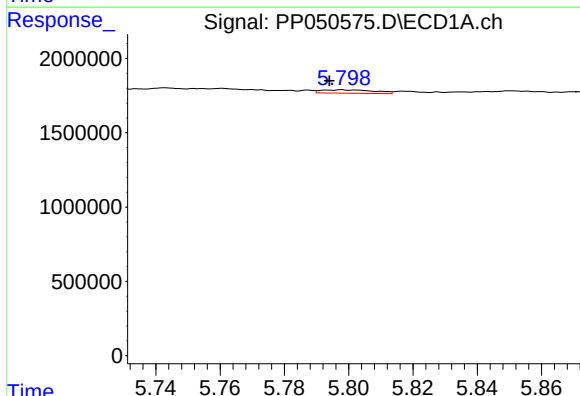
R.T.: 5.524 min
Delta R.T.: 0.003 min
Response: 36981
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



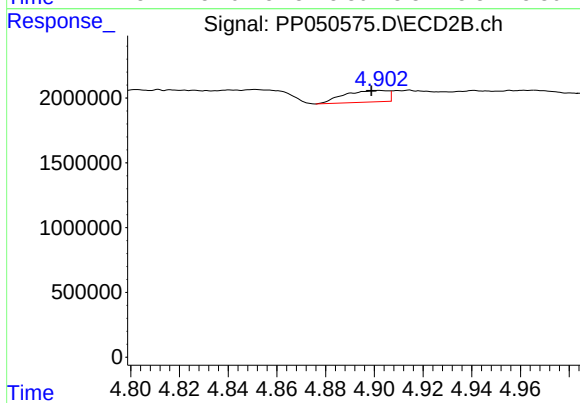
#21 AR-1248-1

R.T.: 4.679 min
Delta R.T.: 0.015 min
Response: 67401
Conc: 1.01 ng/ml



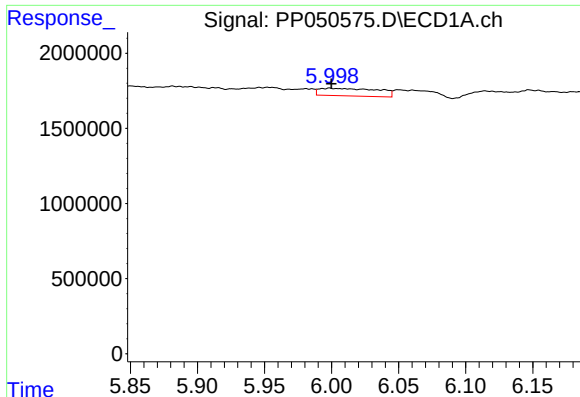
#22 AR-1248-2

R.T.: 5.798 min
Delta R.T.: 0.004 min
Response: 265081
Conc: 4.74 ng/ml



#22 AR-1248-2

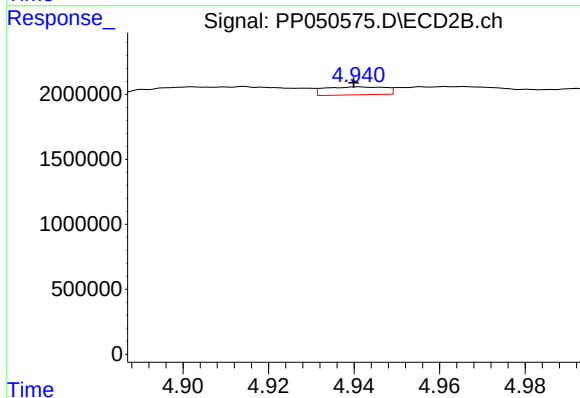
R.T.: 4.902 min
Delta R.T.: 0.003 min
Response: 1114452
Conc: 12.90 ng/ml



#23 AR-1248-3

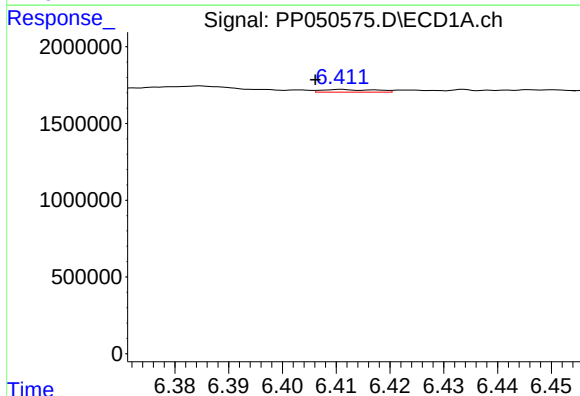
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 1518308
Conc: 23.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



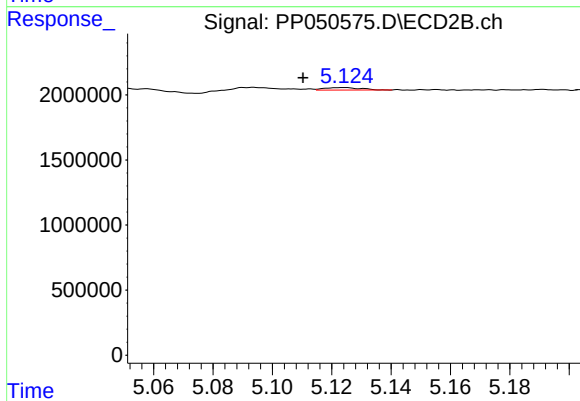
#23 AR-1248-3

R.T.: 4.941 min
Delta R.T.: 0.001 min
Response: 604141
Conc: 6.66 ng/ml



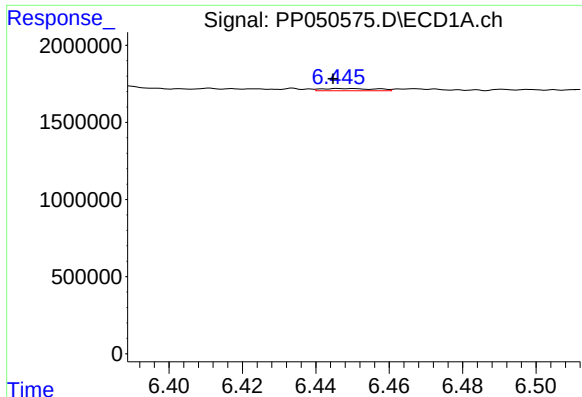
#24 AR-1248-4

R.T.: 6.411 min
Delta R.T.: 0.005 min
Response: 116738
Conc: 1.48 ng/ml



#24 AR-1248-4

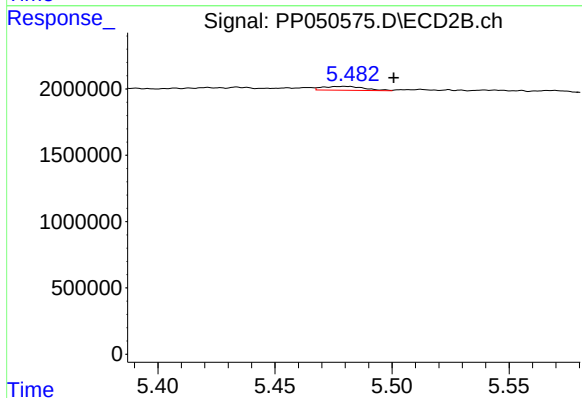
R.T.: 5.124 min
Delta R.T.: 0.014 min
Response: 161783
Conc: 1.53 ng/ml



#25 AR-1248-5

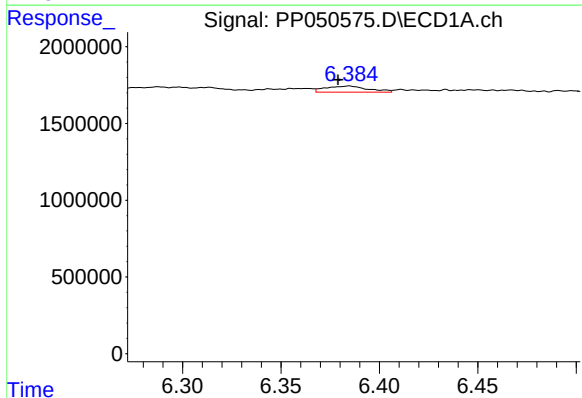
R.T.: 6.449 min
Delta R.T.: 0.005 min
Response: 150544
Conc: 1.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



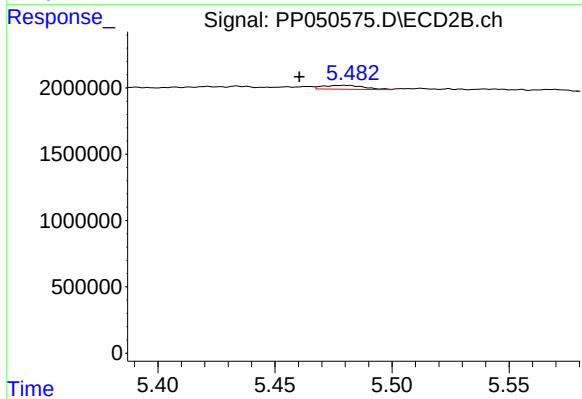
#25 AR-1248-5

R.T.: 5.480 min
Delta R.T.: -0.021 min
Response: 358281
Conc: 3.61 ng/ml



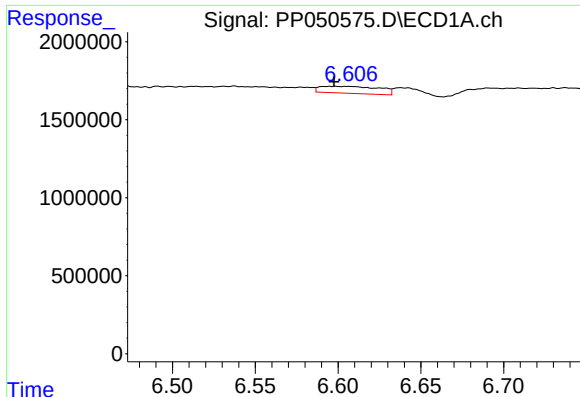
#26 AR-1254-1

R.T.: 6.385 min
Delta R.T.: 0.006 min
Response: 604201
Conc: 8.17 ng/ml



#26 AR-1254-1

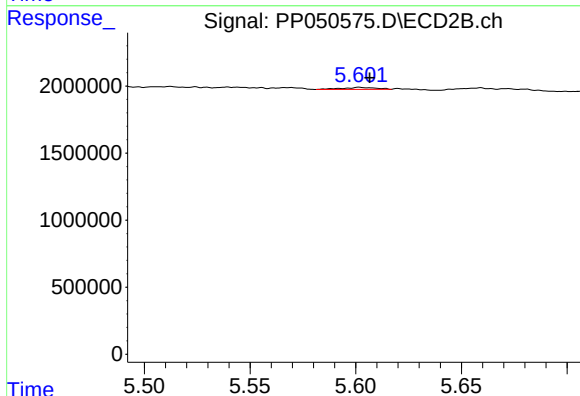
R.T.: 5.480 min
Delta R.T.: 0.019 min
Response: 358281
Conc: 2.52 ng/ml



#27 AR-1254-2

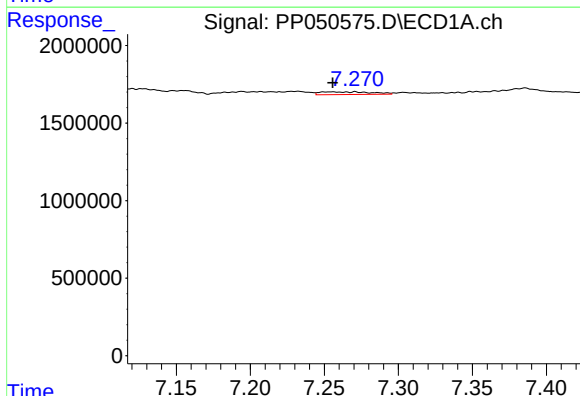
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 1120385
Conc: 9.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



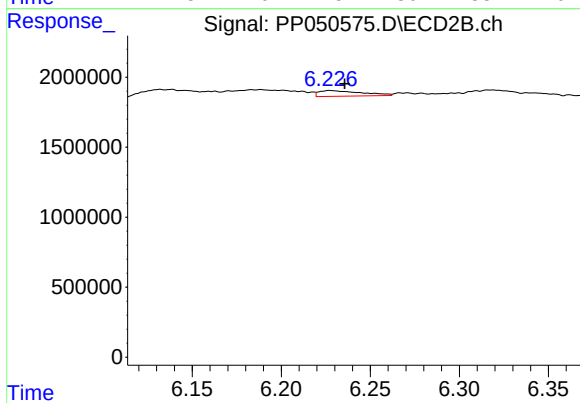
#27 AR-1254-2

R.T.: 5.602 min
Delta R.T.: -0.005 min
Response: 168985
Conc: 1.43 ng/ml



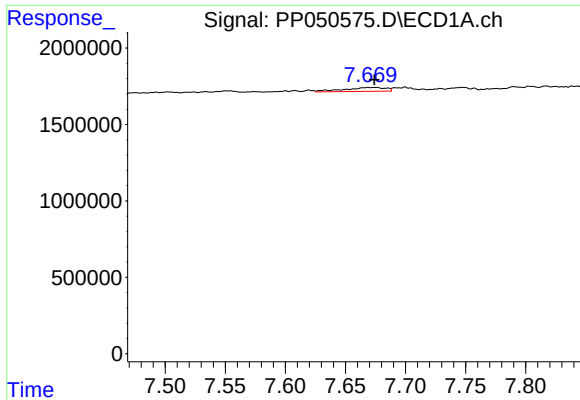
#29 AR-1254-4

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 426920
Conc: 4.36 ng/ml



#29 AR-1254-4

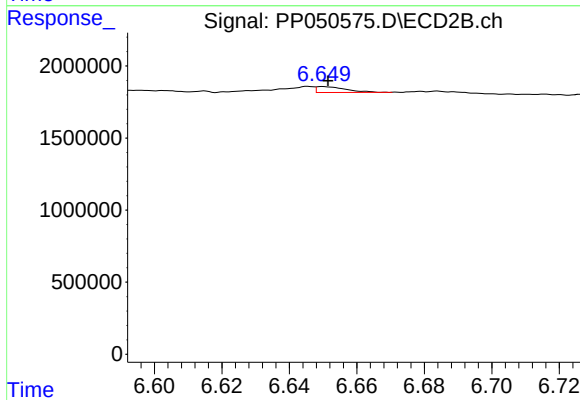
R.T.: 6.227 min
Delta R.T.: -0.009 min
Response: 675278
Conc: 6.40 ng/ml



#30 AR-1254-5

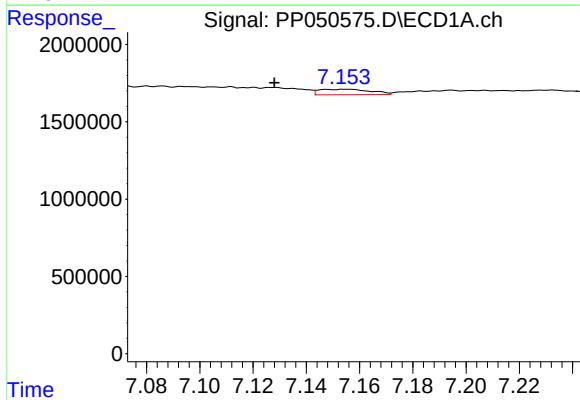
R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 616093
Conc: 6.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



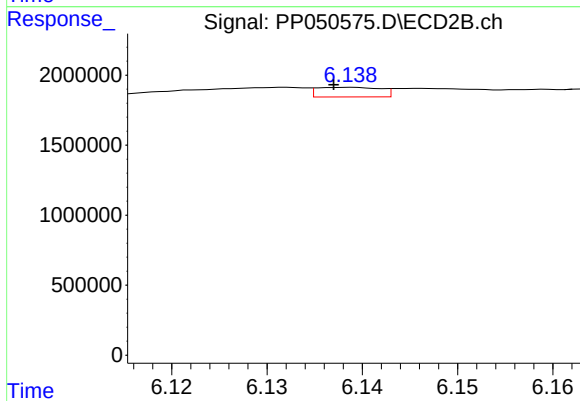
#30 AR-1254-5

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 246264
Conc: 1.85 ng/ml



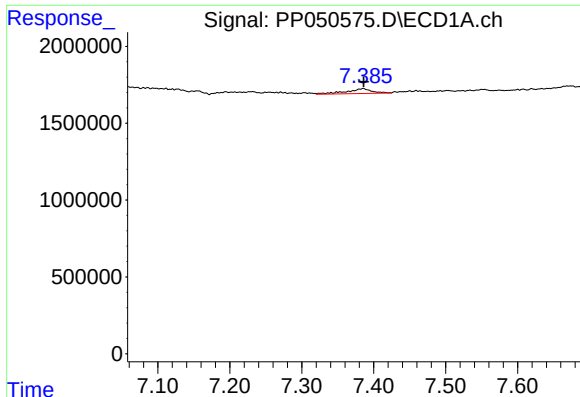
#31 AR-1260-1

R.T.: 7.155 min
Delta R.T.: 0.027 min
Response: 479687
Conc: 5.25 ng/ml



#31 AR-1260-1

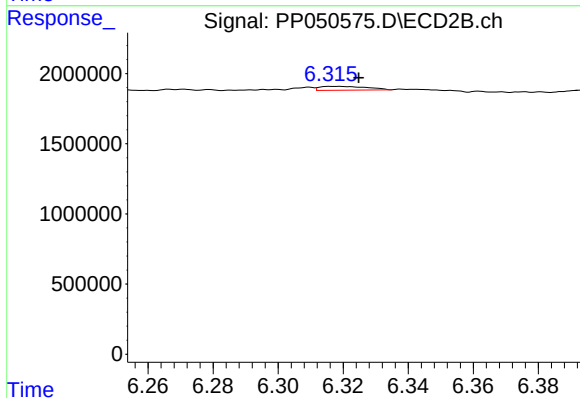
R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 316914
Conc: 2.80 ng/ml



#32 AR-1260-2

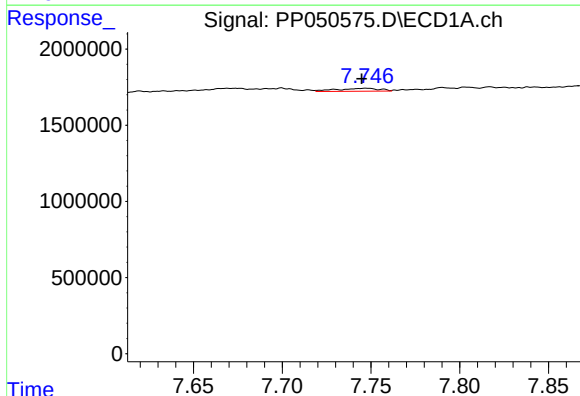
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 762428
Conc: 6.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



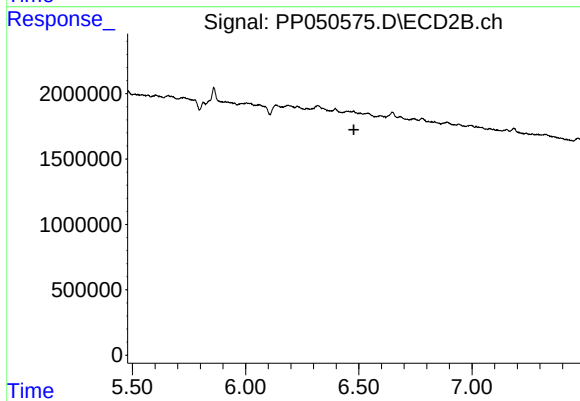
#32 AR-1260-2

R.T.: 6.316 min
Delta R.T.: -0.009 min
Response: 275664
Conc: 2.05 ng/ml



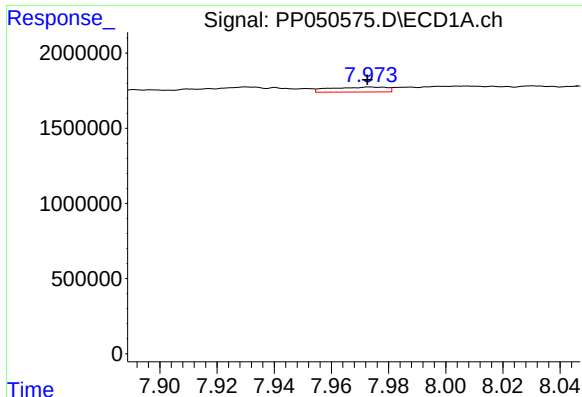
#33 AR-1260-3

R.T.: 7.747 min
Delta R.T.: 0.002 min
Response: 323119
Conc: 3.79 ng/ml



#33 AR-1260-3

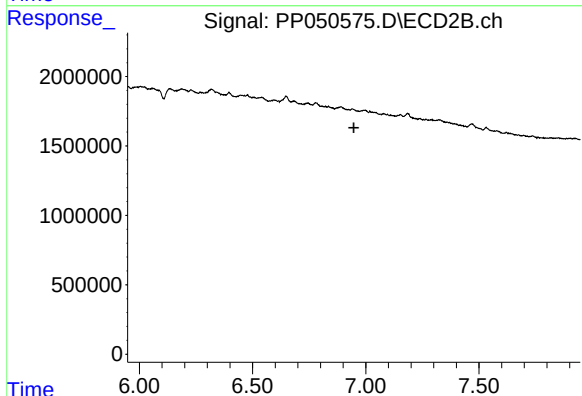
R.T.: 0.000 min
Exp R.T.: 6.478 min
Response: 0
Conc: N.D.



#34 AR-1260-4

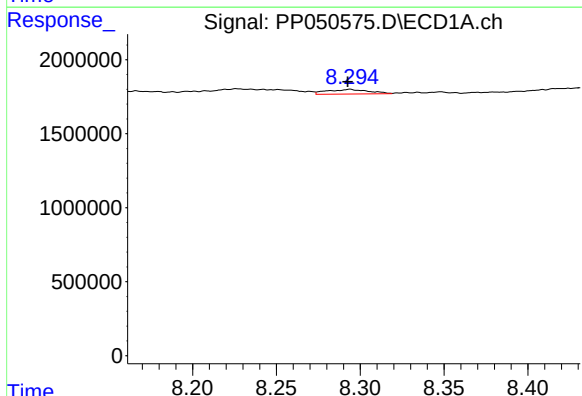
R.T.: 7.974 min
Delta R.T.: 0.001 min
Response: 445658
Conc: 4.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



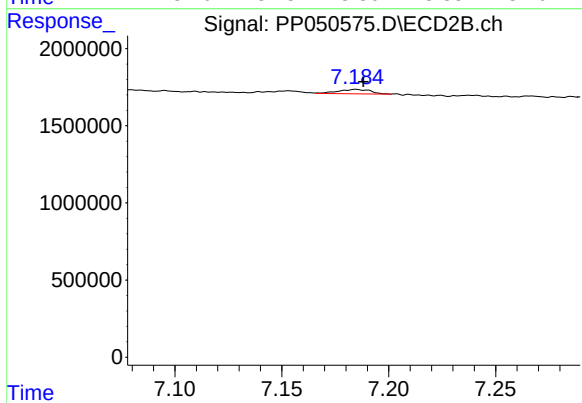
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.947 min
Response: 0
Conc: N.D.



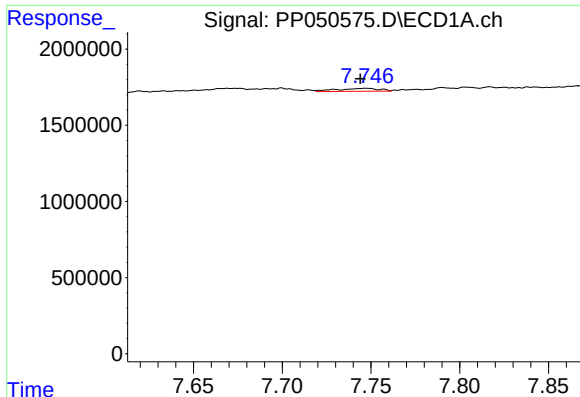
#35 AR-1260-5

R.T.: 8.294 min
Delta R.T.: 0.001 min
Response: 536644
Conc: 2.87 ng/ml



#35 AR-1260-5

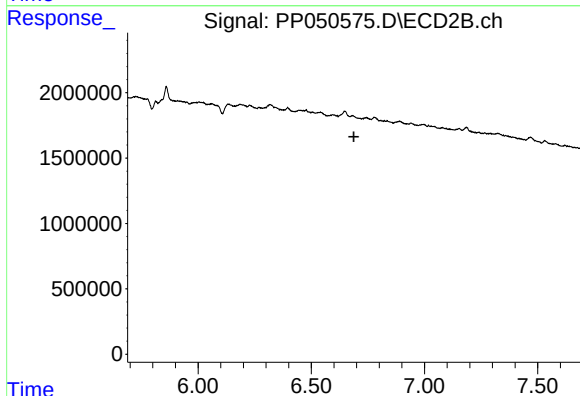
R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 302682
Conc: 1.55 ng/ml



#36 AR-1262-1

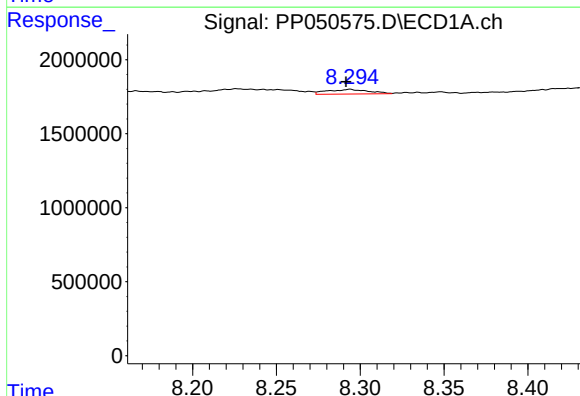
R.T.: 7.747 min
Delta R.T.: 0.003 min
Response: 323119
Conc: 2.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



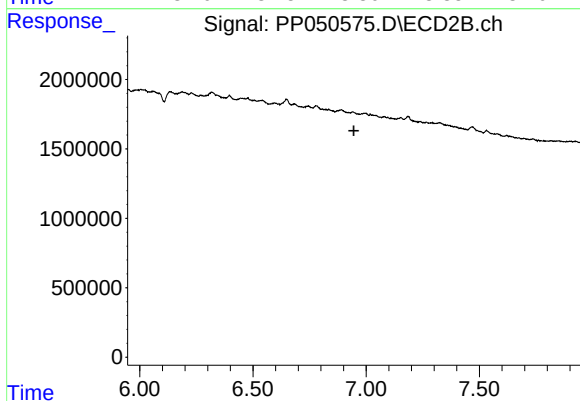
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.688 min
Response: 0
Conc: N.D.



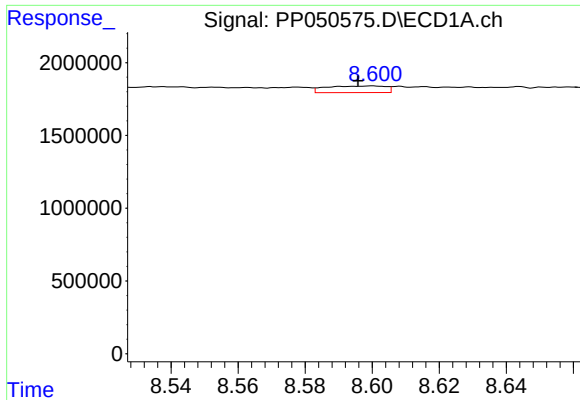
#37 AR-1262-2

R.T.: 8.294 min
Delta R.T.: 0.002 min
Response: 536644
Conc: 2.48 ng/ml



#37 AR-1262-2

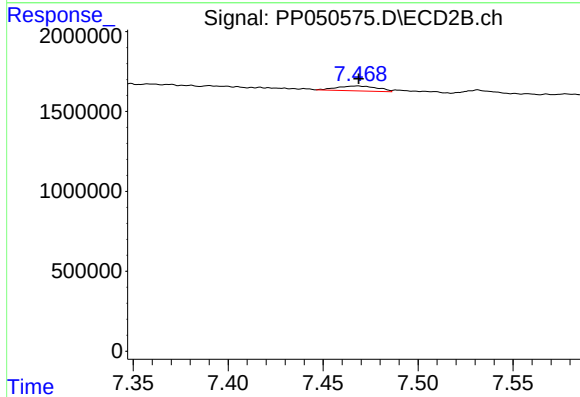
R.T.: 0.000 min
Exp R.T. : 6.945 min
Response: 0
Conc: N.D.



#38 AR-1262-3

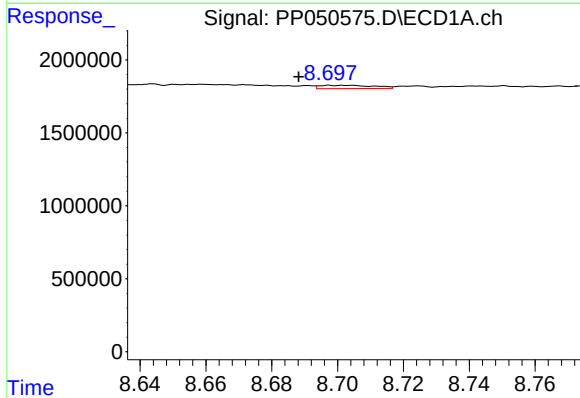
R.T.: 8.600 min
Delta R.T.: 0.004 min
Response: 562438
Conc: 5.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



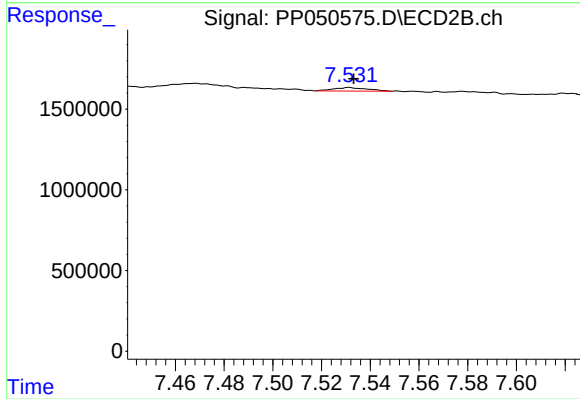
#38 AR-1262-3

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 455861
Conc: 6.28 ng/ml



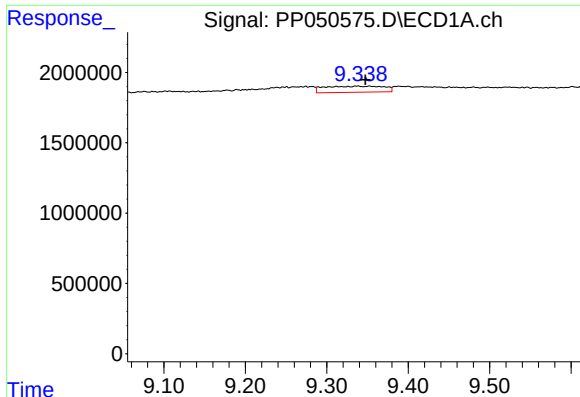
#39 AR-1262-4

R.T.: 8.698 min
Delta R.T.: 0.010 min
Response: 252770
Conc: 3.93 ng/ml



#39 AR-1262-4

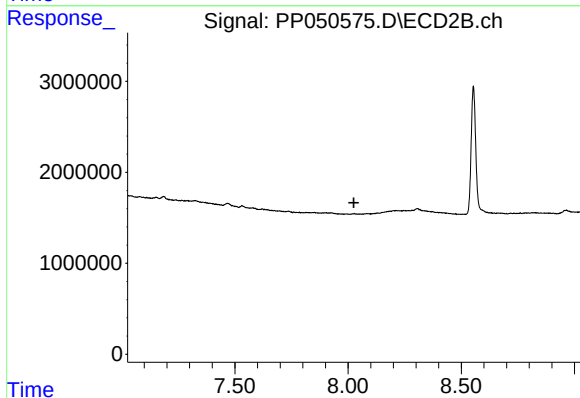
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 205737
Conc: 1.49 ng/ml



#40 AR-1262-5

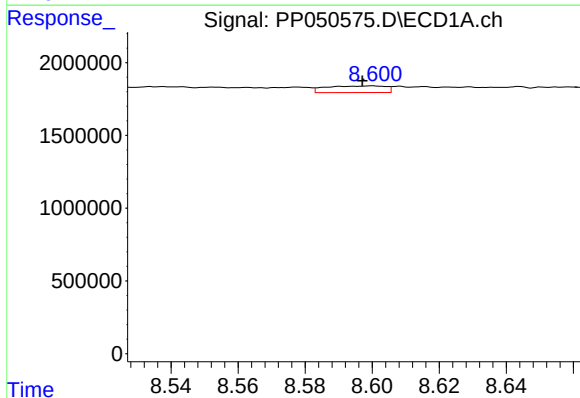
R.T.: 9.338 min
Delta R.T.: -0.010 min
Response: 2213005
Conc: 28.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



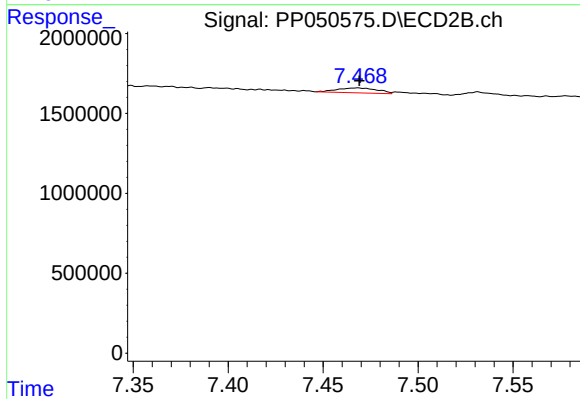
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.026 min
Response: 0
Conc: N.D.



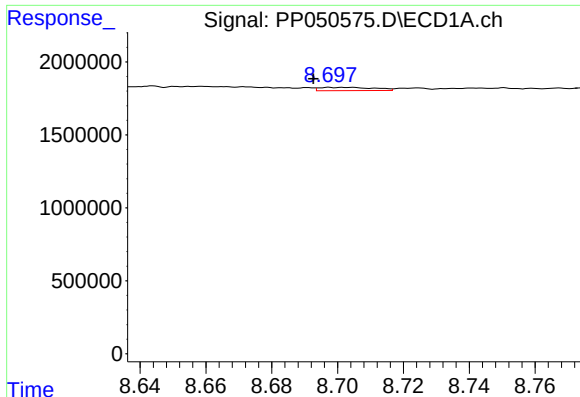
#41 AR-1268-1

R.T.: 8.600 min
Delta R.T.: 0.003 min
Response: 562438
Conc: 2.22 ng/ml



#41 AR-1268-1

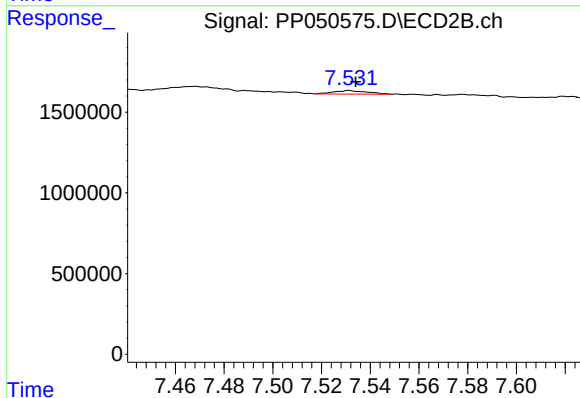
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 455861
Conc: 2.07 ng/ml



#42 AR-1268-2

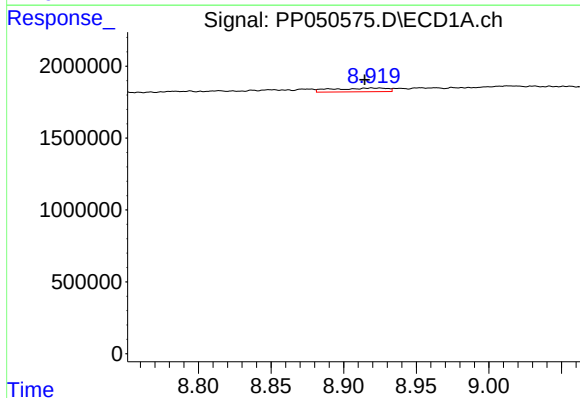
R.T.: 8.698 min
Delta R.T.: 0.006 min
Response: 252770
Conc: 1.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



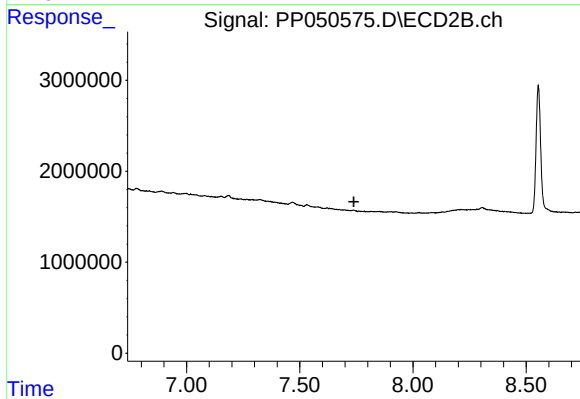
#42 AR-1268-2

R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 205737
Conc: 1.03 ng/ml



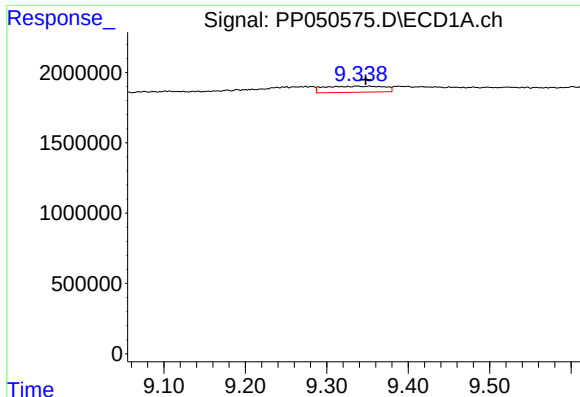
#43 AR-1268-3

R.T.: 8.920 min
Delta R.T.: 0.005 min
Response: 676521
Conc: 3.41 ng/ml



#43 AR-1268-3

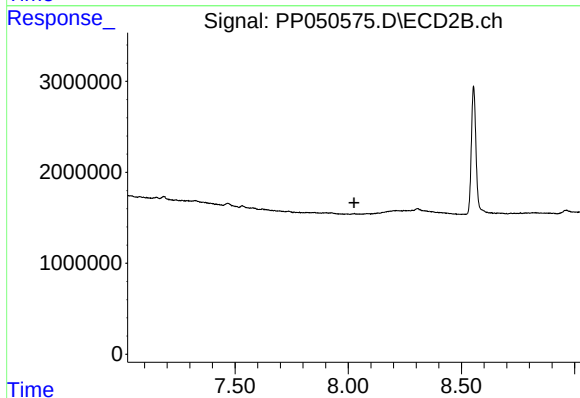
R.T.: 0.000 min
Exp R.T. : 7.739 min
Response: 0
Conc: N.D.



#44 AR-1268-4

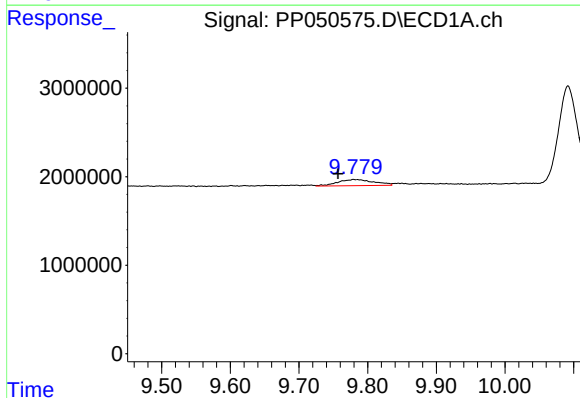
R.T.: 9.338 min
Delta R.T.: -0.010 min
Response: 2213005
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



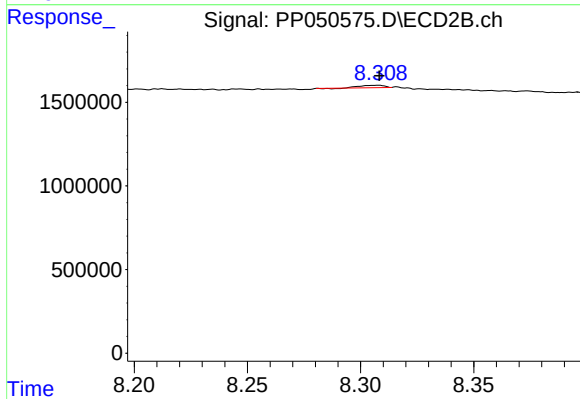
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.025 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.781 min
Delta R.T.: 0.024 min
Response: 2583834
Conc: 3.87 ng/ml



#45 AR-1268-5

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 105194
Conc: 0.19 ng/ml