

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP103123\
 Data File : PP061415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 19:40
 Operator : YP\AJ
 Sample : 05163-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:25:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 27 18:44:48 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...	4.568	3.701	52823621	47555412	21.385	31.821 #
2)	SA Decachlor...	10.559	8.776	41443155	26665575	21.978	17.364
Target Compounds							
3)	L1 AR-1016-1	5.759	4.802	263.7E6	20929087	3239.894	404.392 #
4)	L1 AR-1016-2	5.759f	4.823	263.7E6	1127354	2267.318	15.940 #
5)	L1 AR-1016-3	0.000	4.985	0	55971	N.D.	1.419 #
6)	L1 AR-1016-4	0.000	5.044	0	4536220	N.D.	144.206 #
7)	L1 AR-1016-5	6.235	5.247	12458328	9006016	217.008	214.234
8)	L2 AR-1221-1	4.781	3.905	13407258	1926726	451.373	98.534 #
9)	L2 AR-1221-2	4.848	3.997	63024044	722764	2829.976	50.756 #
10)	L2 AR-1221-3	4.947	4.076	13582120	6300323	209.620	155.215 #
11)	L3 AR-1232-1	4.947	4.076	13582120	6300323	254.467	186.575 #
12)	L3 AR-1232-2	5.501f	4.823	462.2E6	1127354	15623.724	35.273 #
13)	L3 AR-1232-3	5.759f	4.985	263.7E6	55971	5288.500	3.174 #
14)	L3 AR-1232-4	0.000	5.088	0	3915399	N.D.	245.580 #
15)	L3 AR-1232-5	0.000	5.254	0	14479903	N.D.	801.964 #
16)	L4 AR-1242-1	5.759	4.802	263.7E6	20929087	4030.467	494.992 #
17)	L4 AR-1242-2	5.759f	4.823	263.7E6	1127354	2845.188	19.830 #
18)	L4 AR-1242-3	0.000	4.985	0	55971	N.D.	1.744 #
19)	L4 AR-1242-4	0.000	5.088	0	3915399	N.D.	121.738 #
20)	L4 AR-1242-5	6.715f	0.000	22682544	0	438.515	N.D. #
21)	L5 AR-1248-1	5.759	4.802	263.7E6	20929087	5402.781	673.460 #
22)	L5 AR-1248-2	0.000	5.044	0	4536220	N.D.	103.993 #
23)	L5 AR-1248-3	6.235	5.088	12458328	3915399	149.385	84.246 #
24)	L5 AR-1248-4	6.662	5.247	10044382	9006016	113.944	161.622 #
25)	L5 AR-1248-5	6.662f	0.000	10044382	0	118.457	N.D. #
26)	L6 AR-1254-1	6.631	0.000	3870898	0	43.707	N.D. #
27)	L6 AR-1254-2	6.832	0.000	1461077	0	10.954	N.D. #
28)	L6 AR-1254-3	7.229f	6.174f	6817867	3999396	49.297	35.253 #
29)	L6 AR-1254-4	7.489	6.401	1815943	3113194	18.242	44.793 #
30)	L6 AR-1254-5	7.940f	6.825f	5349421	1214930	48.608	11.482 #
31)	L7 AR-1260-1	7.393	6.300	1188332	1545220	10.564	18.991 #
32)	L7 AR-1260-2	7.650	6.494	3119543	1838569	24.113	18.851
33)	L7 AR-1260-3	7.992	6.641	1154798	-691465	13.597	N.D. #
34)	L7 AR-1260-4	8.221	7.118	2267639	2417800	22.434	32.974 #
35)	L7 AR-1260-5	8.579	7.345	7306895	2983168	37.726	17.470 #
36)	L8 AR-1262-1	7.992	6.902	1154798	623421	8.685	13.832 #
37)	L8 AR-1262-2	8.579	7.118	7306895	2417800	31.264	24.155
38)	L8 AR-1262-3	8.909	0.000	15209165	0	95.798	N.D. #
39)	L8 AR-1262-4	8.985f	7.679f	17884372	8034686	148.450	55.613 #
40)	L8 AR-1262-5	9.701	8.194	471662	20403830	5.801	295.187 #
41)	L9 AR-1268-1	8.909	0.000	15209165	0	53.109	N.D. #

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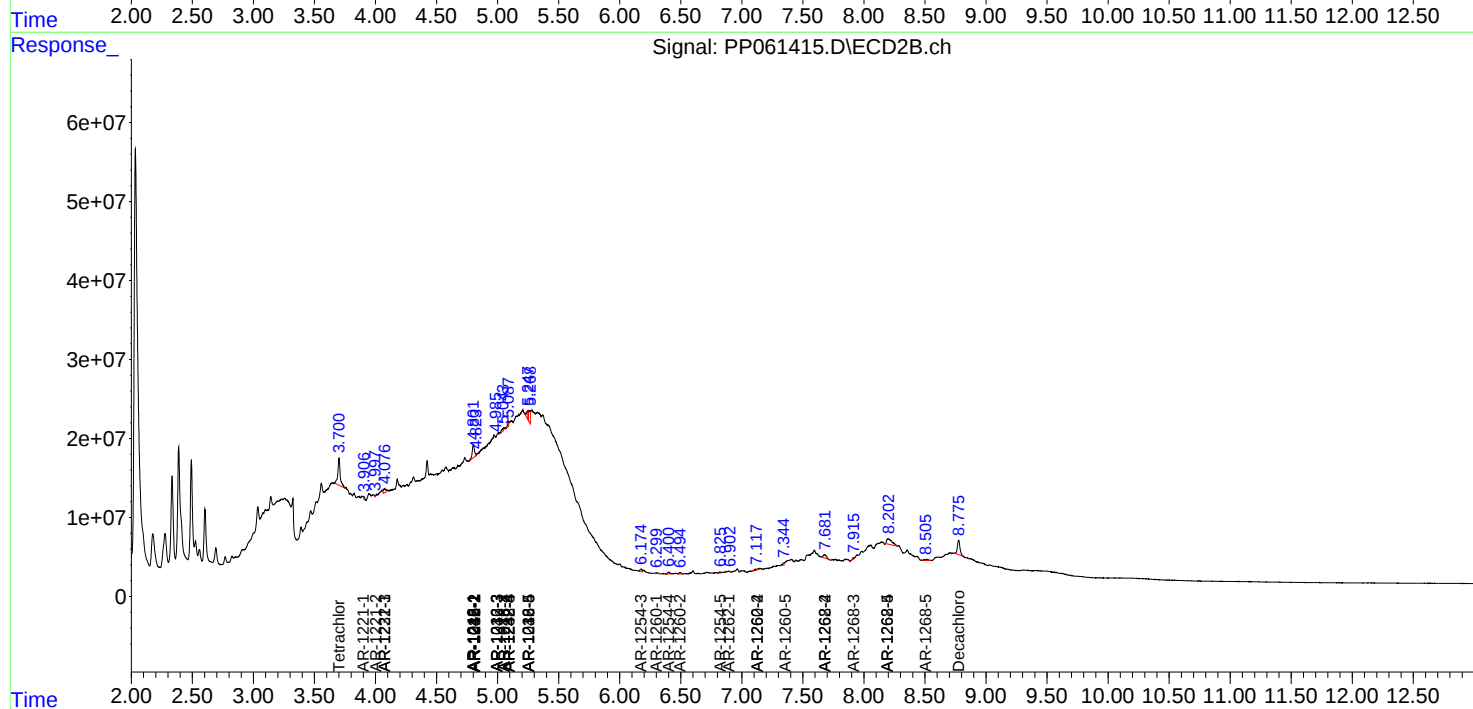
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

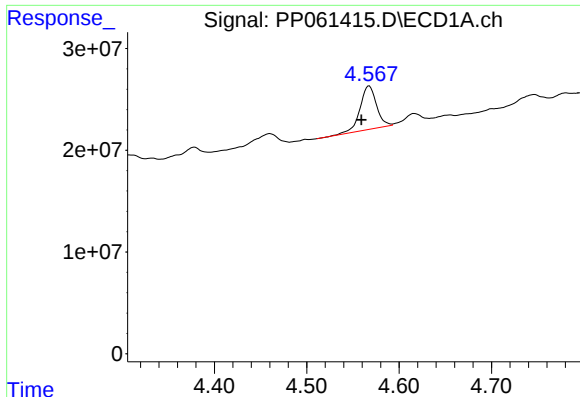
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.985f	7.679f	17884372	8034686	68.389	38.285 #
43) L9	AR-1268-3	9.240	7.915	175288	1784236	0.770	9.711 #
44) L9	AR-1268-4	9.701	8.194	471662	20403830	5.210	263.958 #
45) L9	AR-1268-5	0.000	8.506	0	2227066	N.D.	3.926 #

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

Instrument :
ECD_P
ClientSampleId :

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

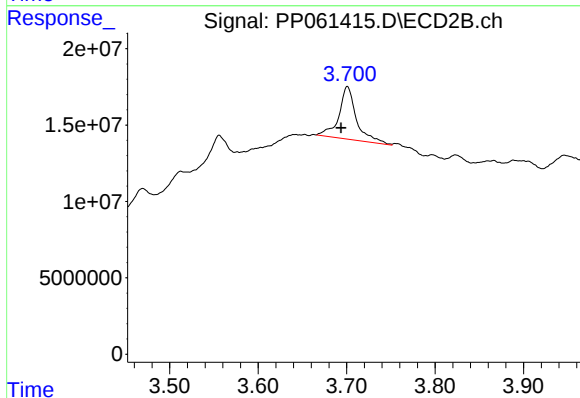




#1 Tetrachloro-m-xylene

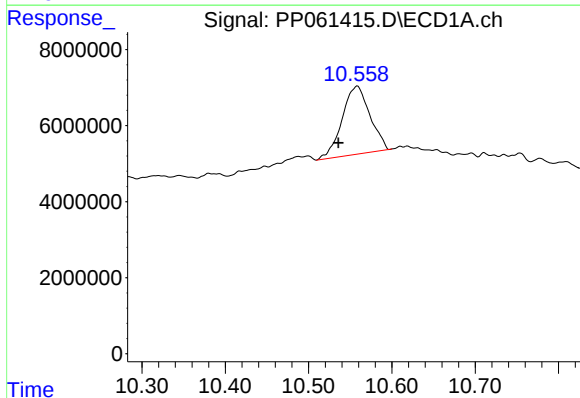
R.T.: 4.568 min
Delta R.T.: 0.009 min
Response: 52823621
Conc: 21.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



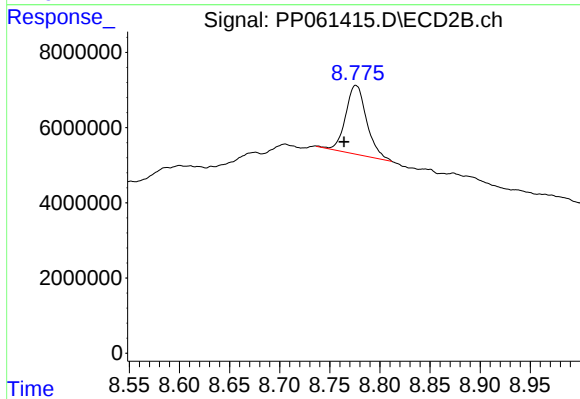
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: 0.007 min
Response: 47555412
Conc: 31.82 ng/ml



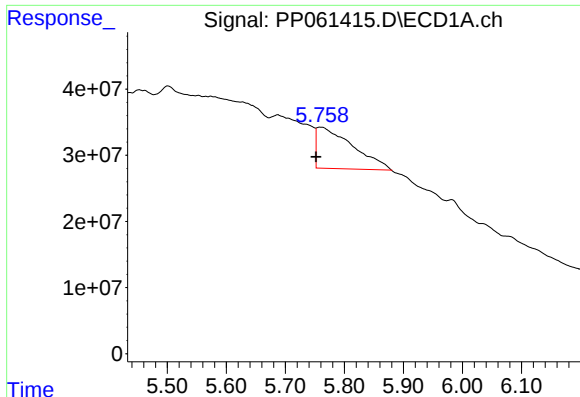
#2 Decachlorobiphenyl

R.T.: 10.559 min
Delta R.T.: 0.023 min
Response: 41443155
Conc: 21.98 ng/ml



#2 Decachlorobiphenyl

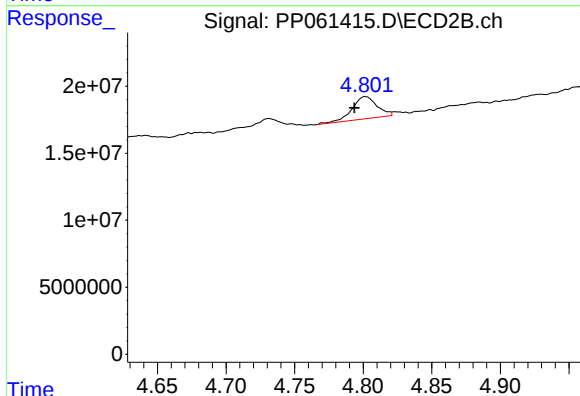
R.T.: 8.776 min
Delta R.T.: 0.012 min
Response: 26665575
Conc: 17.36 ng/ml



#3 AR-1016-1

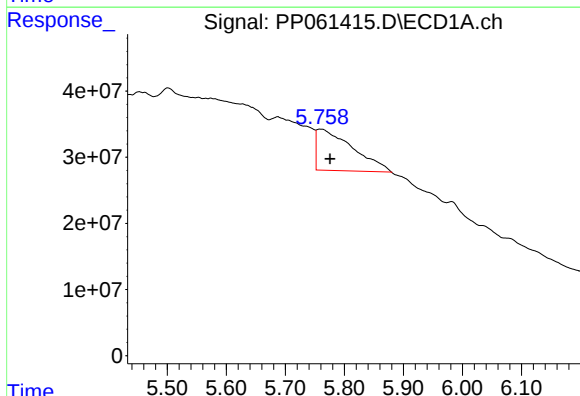
R.T.: 5.759 min
Delta R.T.: 0.007 min
Response: 263658344
Conc: 3239.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



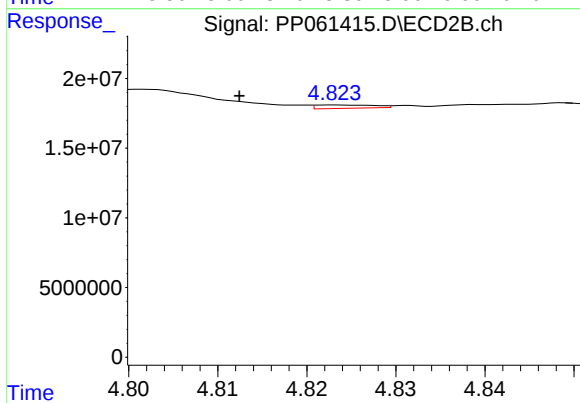
#3 AR-1016-1

R.T.: 4.802 min
Delta R.T.: 0.008 min
Response: 20929087
Conc: 404.39 ng/ml



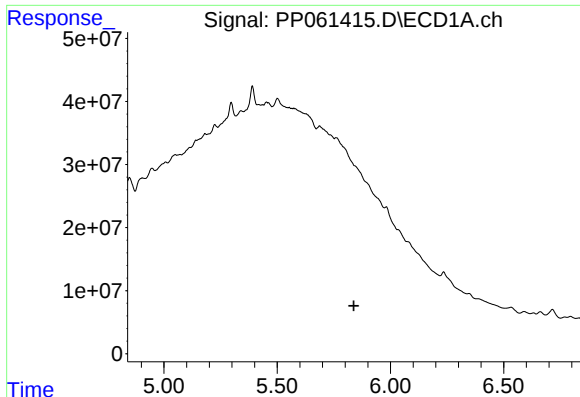
#4 AR-1016-2

R.T.: 5.759 min
Delta R.T.: -0.017 min
Response: 263658344
Conc: 2267.32 ng/ml



#4 AR-1016-2

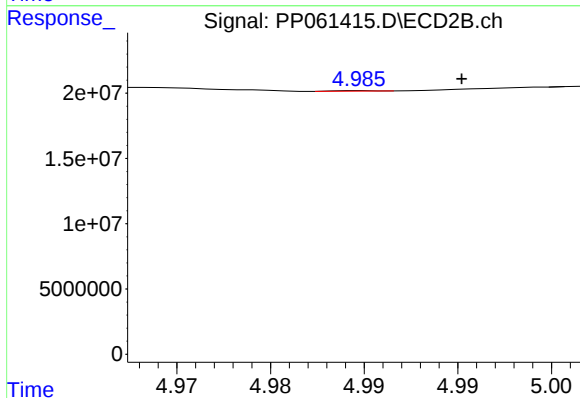
R.T.: 4.823 min
Delta R.T.: 0.011 min
Response: 1127354
Conc: 15.94 ng/ml



#5 AR-1016-3

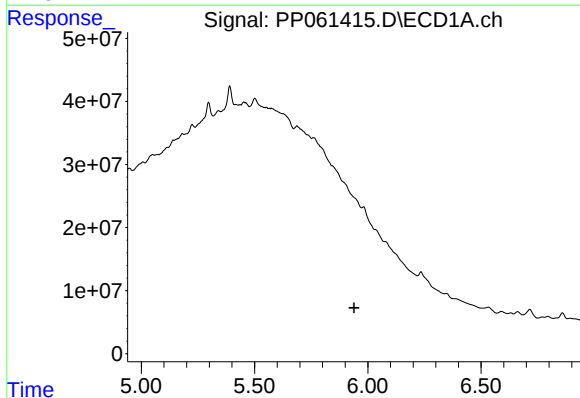
R.T.: 0.000 min
Exp R.T.: 5.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



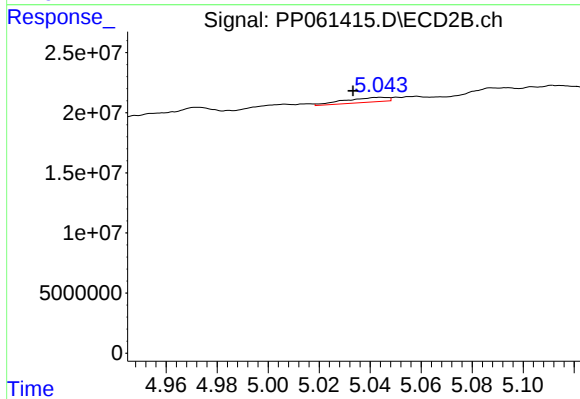
#5 AR-1016-3

R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 55971
Conc: 1.42 ng/ml



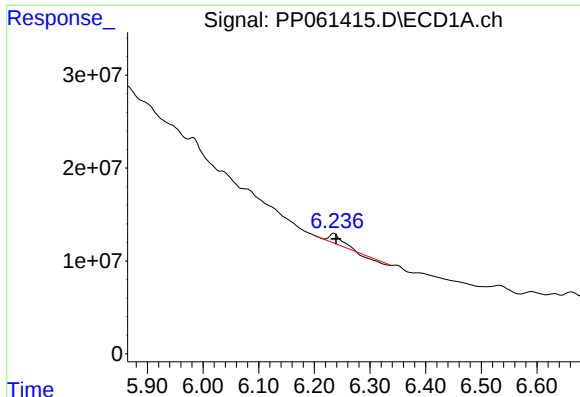
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.



#6 AR-1016-4

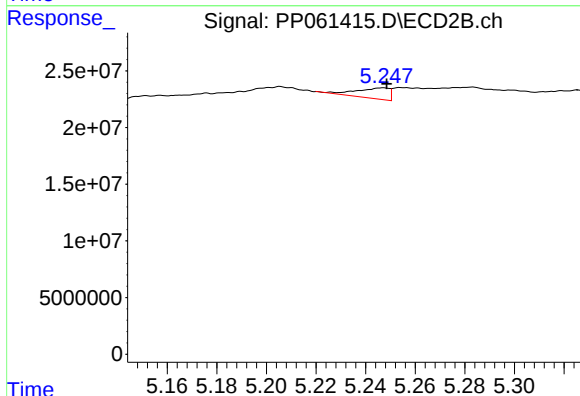
R.T.: 5.044 min
Delta R.T.: 0.011 min
Response: 4536220
Conc: 144.21 ng/ml



#7 AR-1016-5

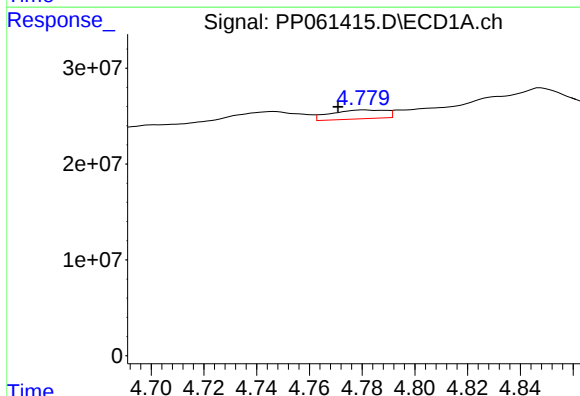
R.T.: 6.235 min
Delta R.T.: -0.004 min
Response: 12458328
Conc: 217.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



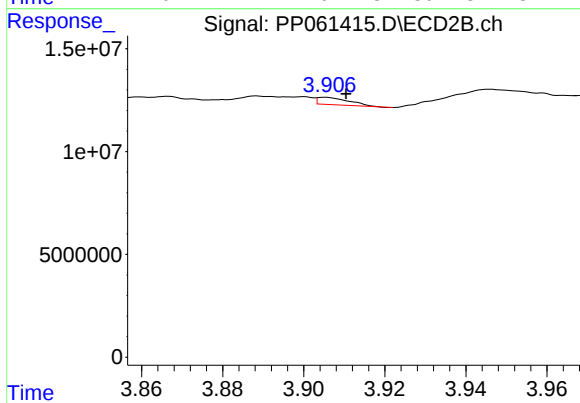
#7 AR-1016-5

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 9006016
Conc: 214.23 ng/ml



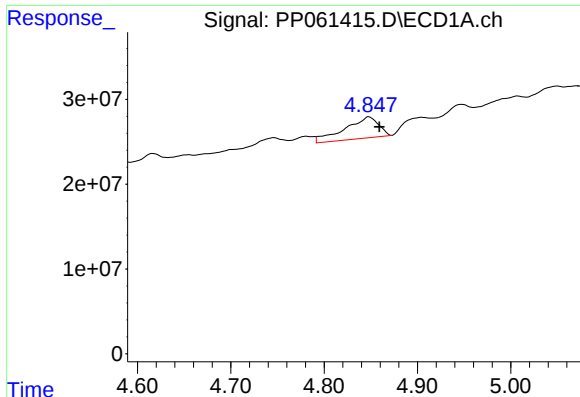
#8 AR-1221-1

R.T.: 4.781 min
Delta R.T.: 0.010 min
Response: 13407258
Conc: 451.37 ng/ml



#8 AR-1221-1

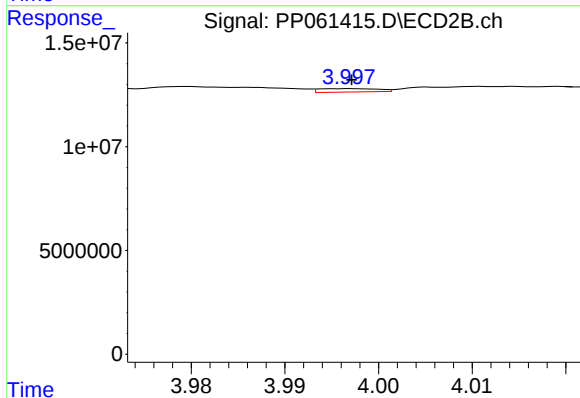
R.T.: 3.905 min
Delta R.T.: -0.005 min
Response: 1926726
Conc: 98.53 ng/ml



#9 AR-1221-2

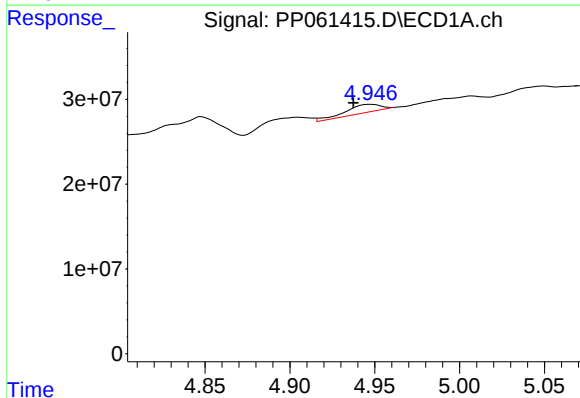
R.T.: 4.848 min
Delta R.T.: -0.011 min
Response: 63024044
Conc: 2829.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



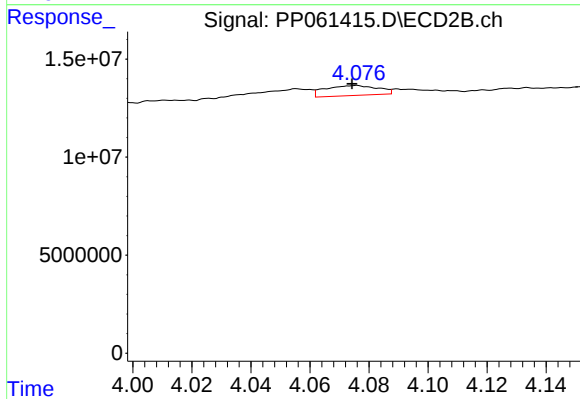
#9 AR-1221-2

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 722764
Conc: 50.76 ng/ml



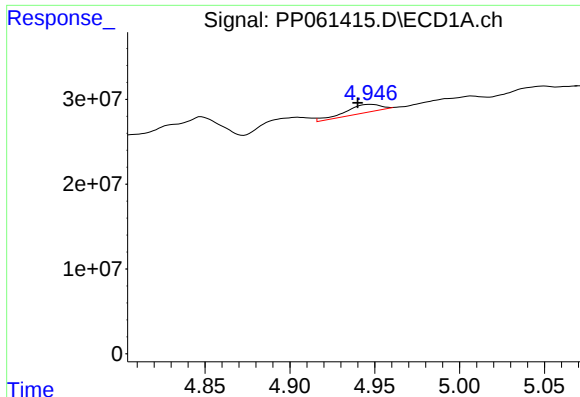
#10 AR-1221-3

R.T.: 4.947 min
Delta R.T.: 0.010 min
Response: 13582120
Conc: 209.62 ng/ml



#10 AR-1221-3

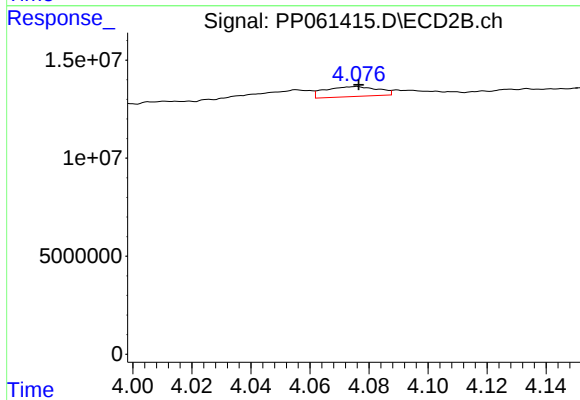
R.T.: 4.076 min
Delta R.T.: 0.002 min
Response: 6300323
Conc: 155.21 ng/ml



#11 AR-1232-1

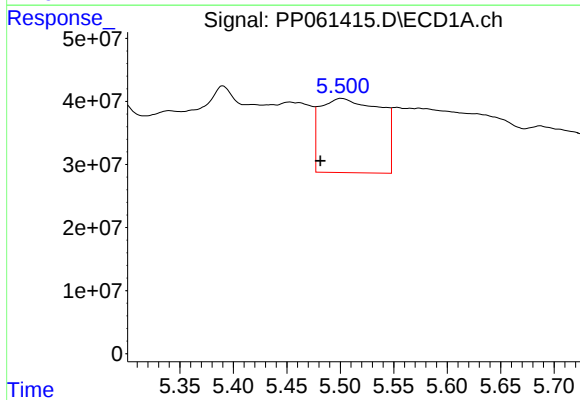
R.T.: 4.947 min
Delta R.T.: 0.007 min
Response: 13582120
Conc: 254.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



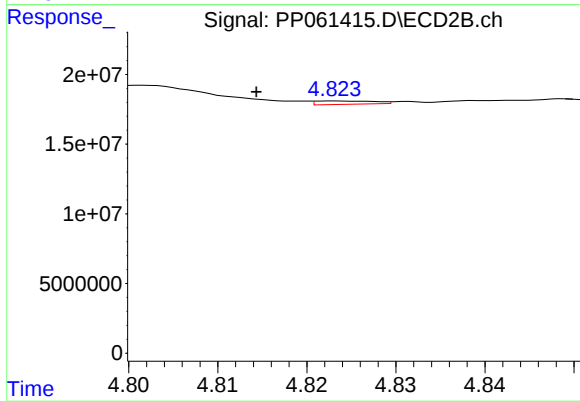
#11 AR-1232-1

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 6300323
Conc: 186.57 ng/ml



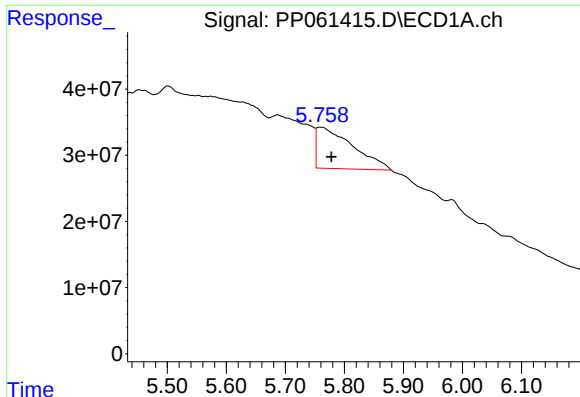
#12 AR-1232-2

R.T.: 5.501 min
Delta R.T.: 0.019 min
Response: 462239052
Conc: 15623.72 ng/ml



#12 AR-1232-2

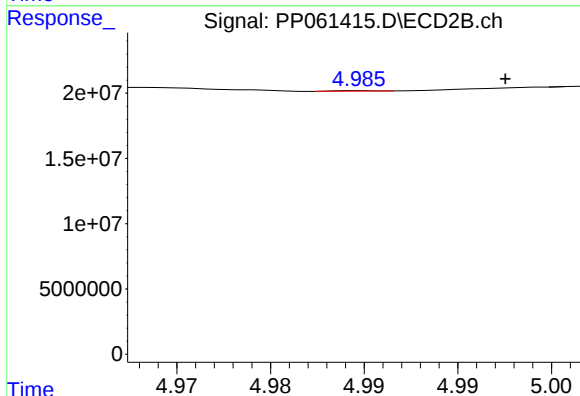
R.T.: 4.823 min
Delta R.T.: 0.009 min
Response: 1127354
Conc: 35.27 ng/ml



#13 AR-1232-3

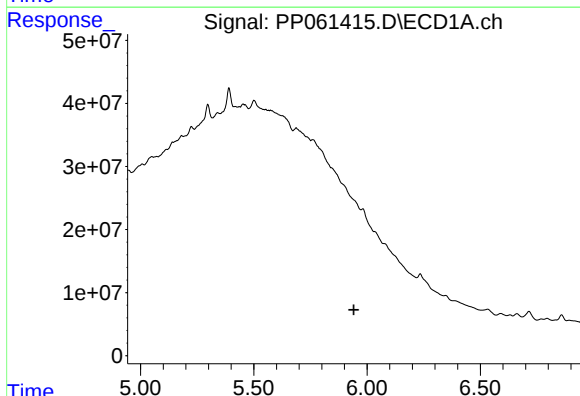
R.T.: 5.759 min
Delta R.T.: -0.019 min
Response: 263658344
Conc: 5288.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



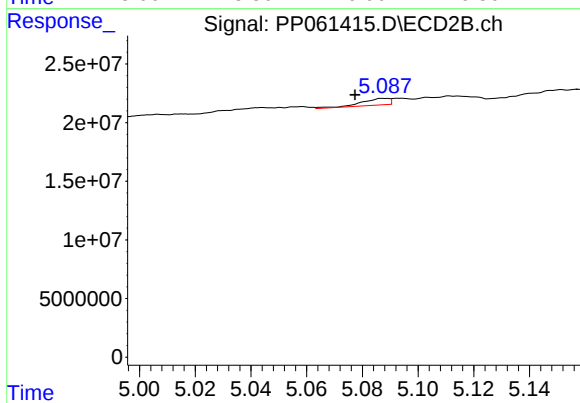
#13 AR-1232-3

R.T.: 4.985 min
Delta R.T.: -0.008 min
Response: 55971
Conc: 3.17 ng/ml



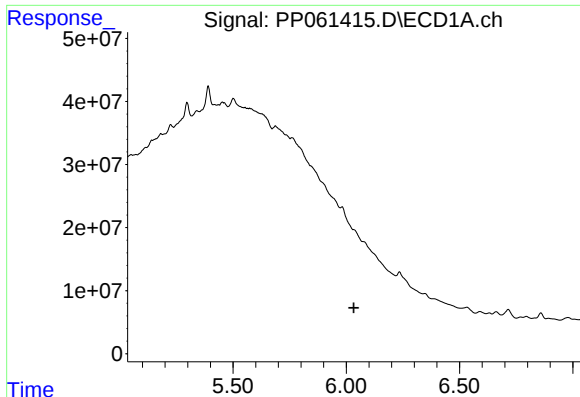
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#14 AR-1232-4

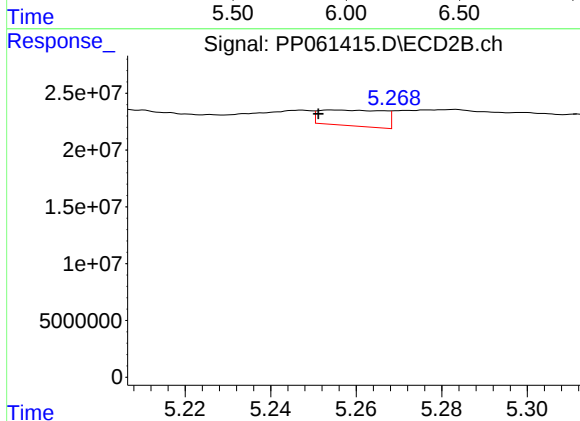
R.T.: 5.088 min
Delta R.T.: 0.010 min
Response: 3915399
Conc: 245.58 ng/ml



#15 AR-1232-5

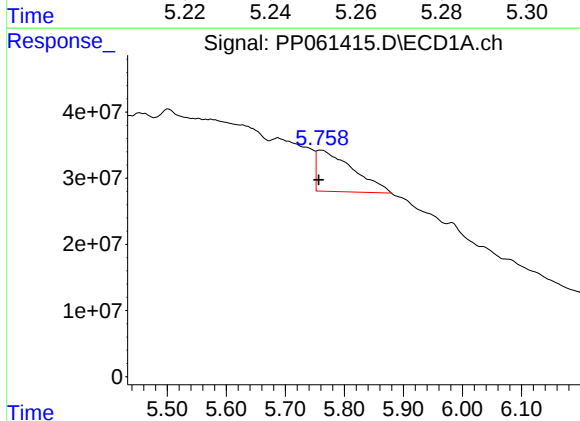
R.T.: 0.000 min
Exp R.T.: 6.033 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



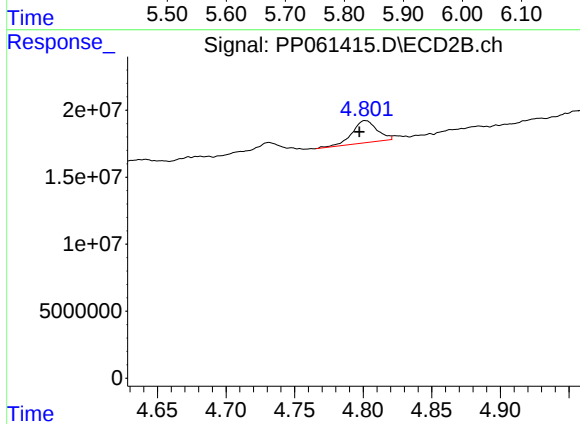
#15 AR-1232-5

R.T.: 5.254 min
Delta R.T.: 0.003 min
Response: 14479903
Conc: 801.96 ng/ml



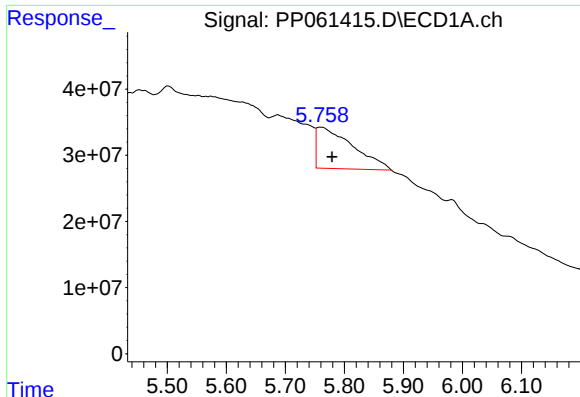
#16 AR-1242-1

R.T.: 5.759 min
Delta R.T.: 0.003 min
Response: 263658344
Conc: 4030.47 ng/ml



#16 AR-1242-1

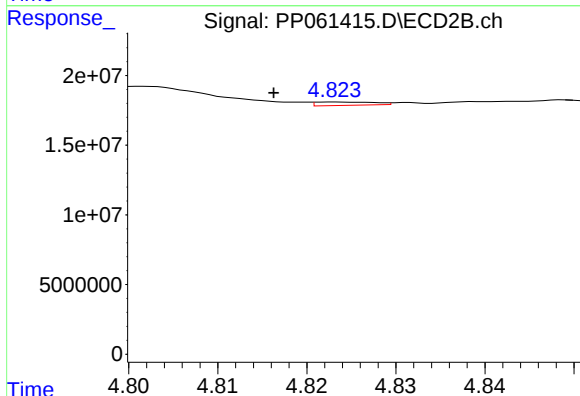
R.T.: 4.802 min
Delta R.T.: 0.004 min
Response: 20929087
Conc: 494.99 ng/ml



#17 AR-1242-2

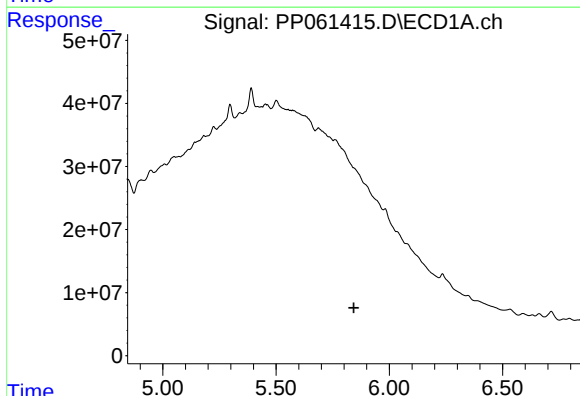
R.T.: 5.759 min
Delta R.T.: -0.020 min
Response: 263658344
Conc: 2845.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



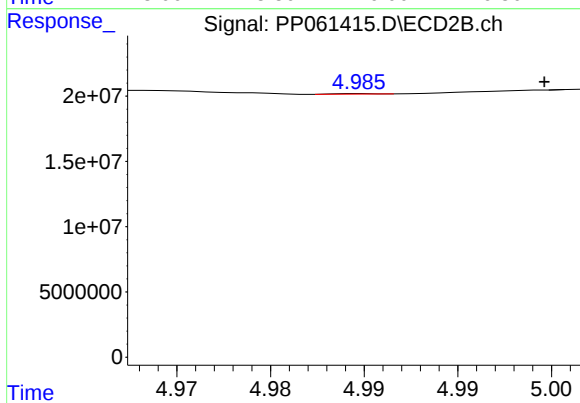
#17 AR-1242-2

R.T.: 4.823 min
Delta R.T.: 0.007 min
Response: 1127354
Conc: 19.83 ng/ml



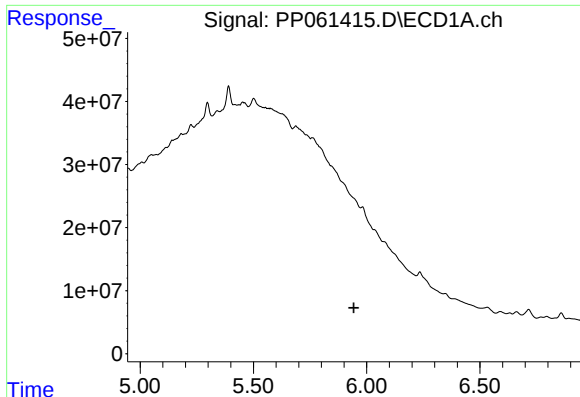
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.843 min
Response: 0
Conc: N.D.



#18 AR-1242-3

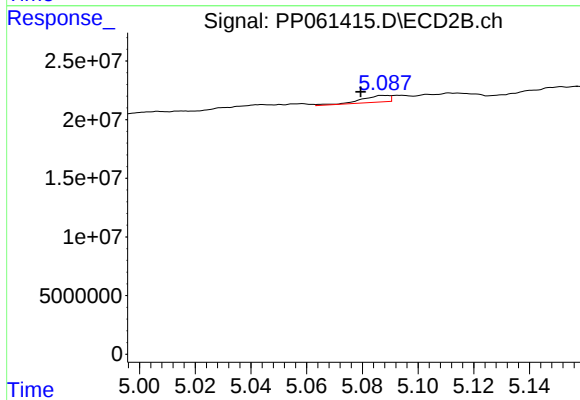
R.T.: 4.985 min
Delta R.T.: -0.010 min
Response: 55971
Conc: 1.74 ng/ml



#19 AR-1242-4

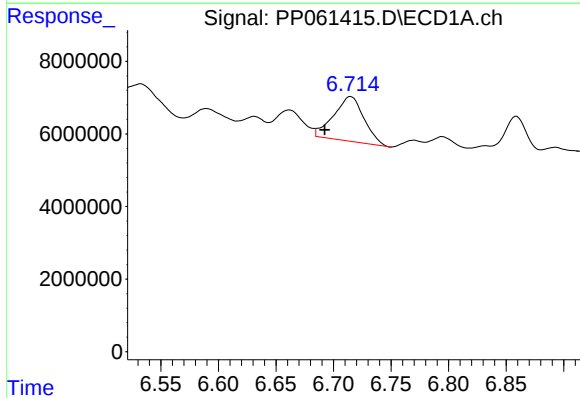
R.T.: 0.000 min
Exp R.T.: 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



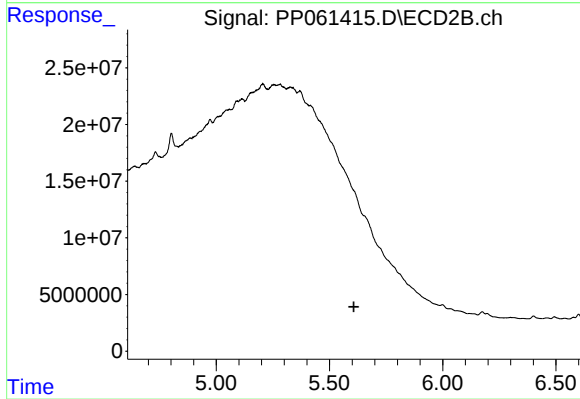
#19 AR-1242-4

R.T.: 5.088 min
Delta R.T.: 0.008 min
Response: 3915399
Conc: 121.74 ng/ml



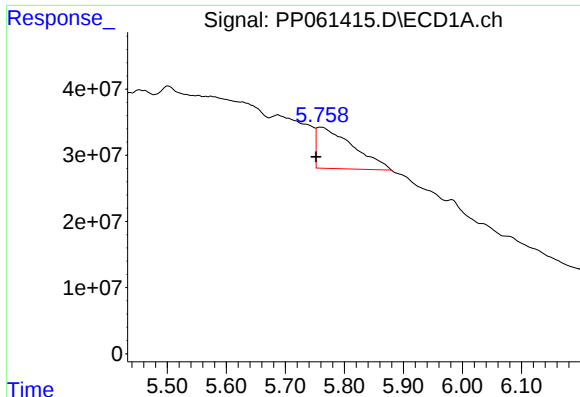
#20 AR-1242-5

R.T.: 6.715 min
Delta R.T.: 0.023 min
Response: 22682544
Conc: 438.51 ng/ml



#20 AR-1242-5

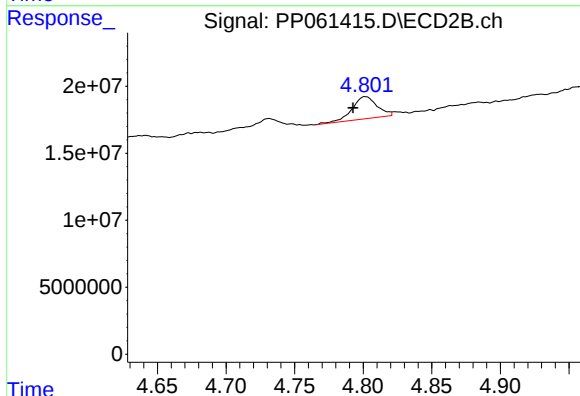
R.T.: 0.000 min
Exp R.T.: 5.608 min
Response: 0
Conc: N.D.



#21 AR-1248-1

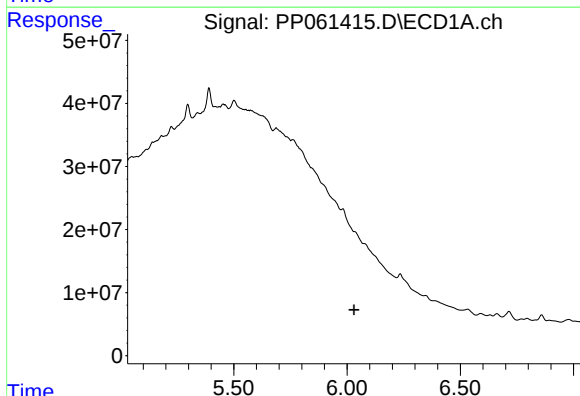
R.T.: 5.759 min
Delta R.T.: 0.007 min
Response: 263658344
Conc: 5402.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



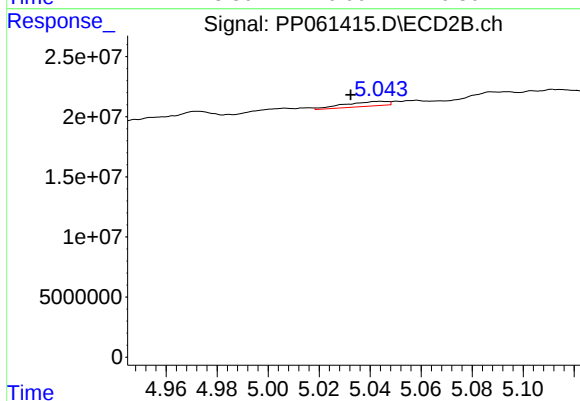
#21 AR-1248-1

R.T.: 4.802 min
Delta R.T.: 0.009 min
Response: 20929087
Conc: 673.46 ng/ml



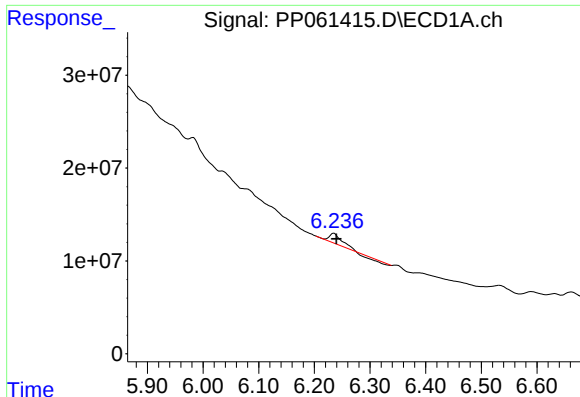
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.031 min
Response: 0
Conc: N.D.



#22 AR-1248-2

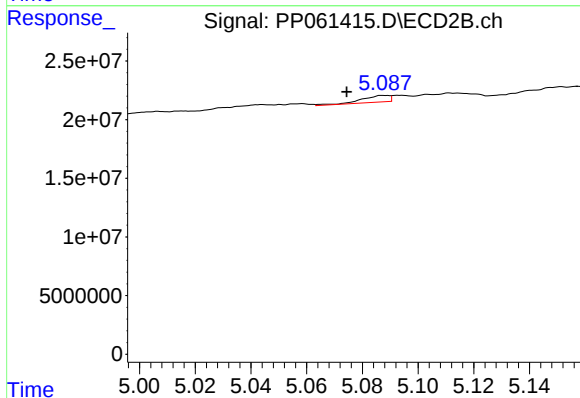
R.T.: 5.044 min
Delta R.T.: 0.012 min
Response: 4536220
Conc: 103.99 ng/ml



#23 AR-1248-3

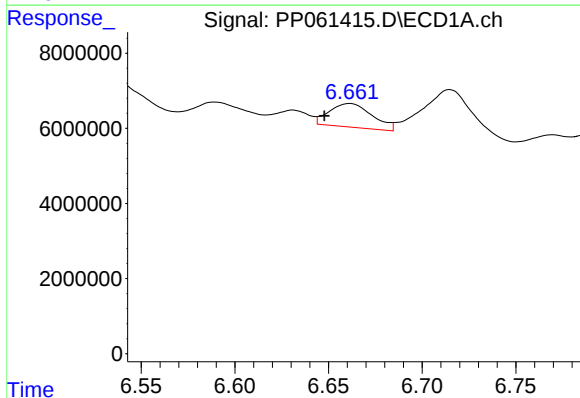
R.T.: 6.235 min
Delta R.T.: -0.005 min
Response: 12458328
Conc: 149.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



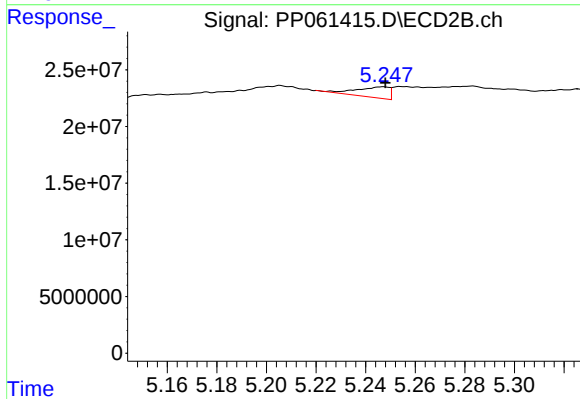
#23 AR-1248-3

R.T.: 5.088 min
Delta R.T.: 0.013 min
Response: 3915399
Conc: 84.25 ng/ml



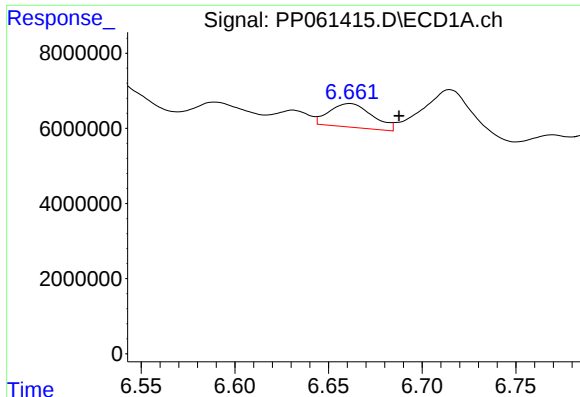
#24 AR-1248-4

R.T.: 6.662 min
Delta R.T.: 0.014 min
Response: 10044382
Conc: 113.94 ng/ml



#24 AR-1248-4

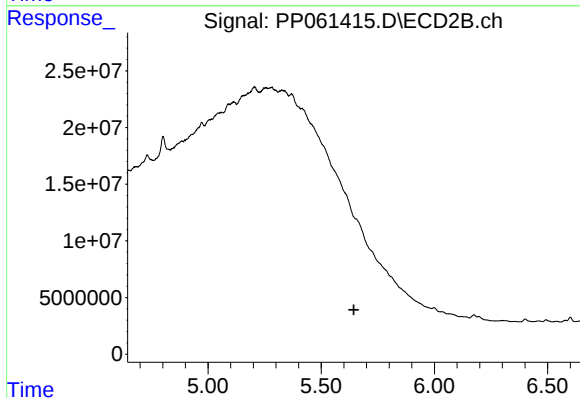
R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 9006016
Conc: 161.62 ng/ml



#25 AR-1248-5

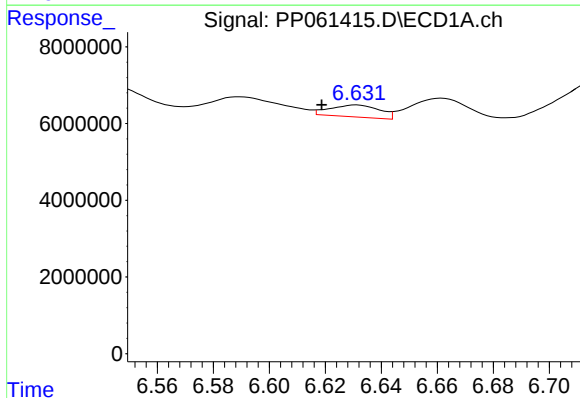
R.T.: 6.662 min
Delta R.T.: -0.026 min
Response: 10044382
Conc: 118.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



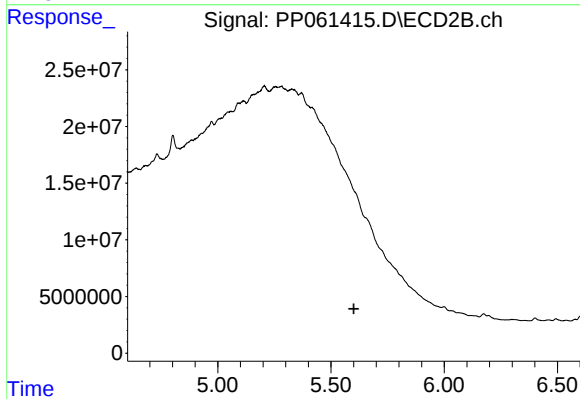
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.644 min
Response: 0
Conc: N.D.



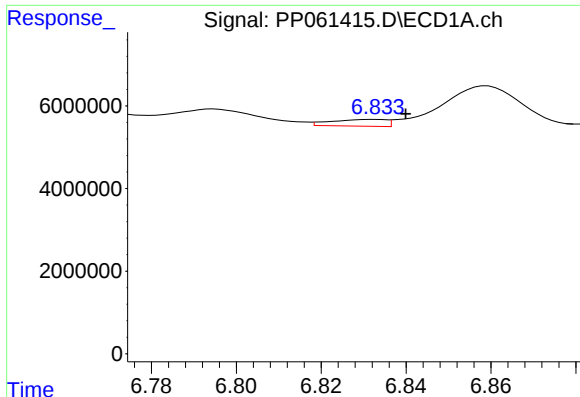
#26 AR-1254-1

R.T.: 6.631 min
Delta R.T.: 0.012 min
Response: 3870898
Conc: 43.71 ng/ml



#26 AR-1254-1

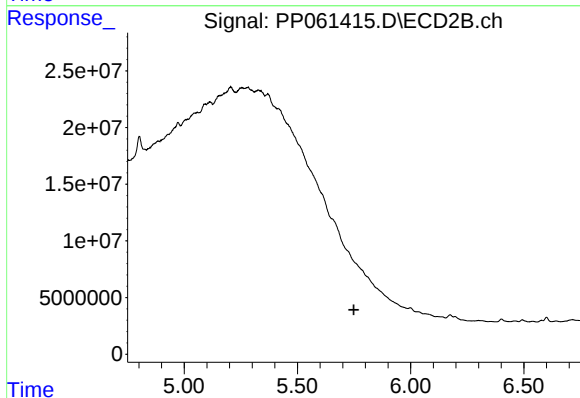
R.T.: 0.000 min
Exp R.T. : 5.601 min
Response: 0
Conc: N.D.



#27 AR-1254-2

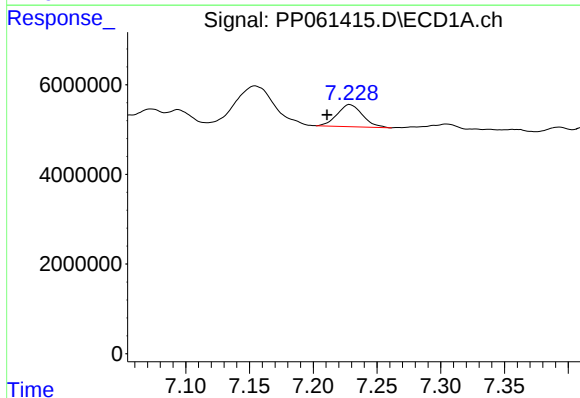
R.T.: 6.832 min
Delta R.T.: -0.008 min
Response: 1461077
Conc: 10.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



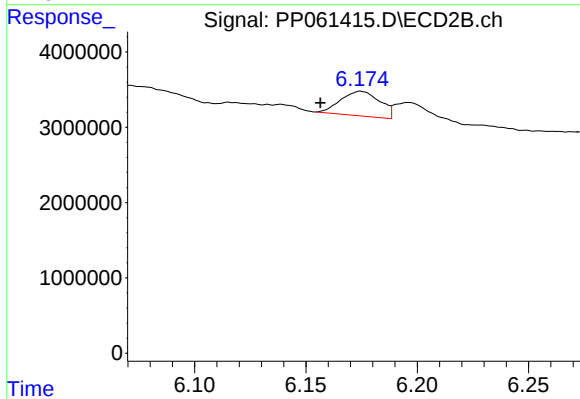
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



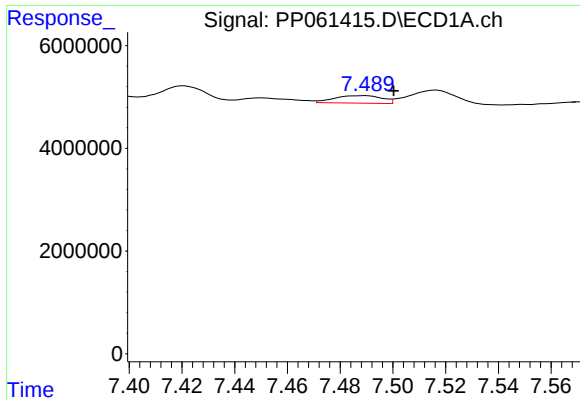
#28 AR-1254-3

R.T.: 7.229 min
Delta R.T.: 0.018 min
Response: 6817867
Conc: 49.30 ng/ml



#28 AR-1254-3

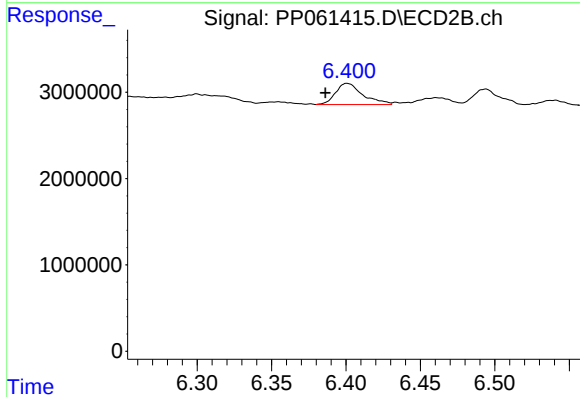
R.T.: 6.174 min
Delta R.T.: 0.018 min
Response: 3999396
Conc: 35.25 ng/ml



#29 AR-1254-4

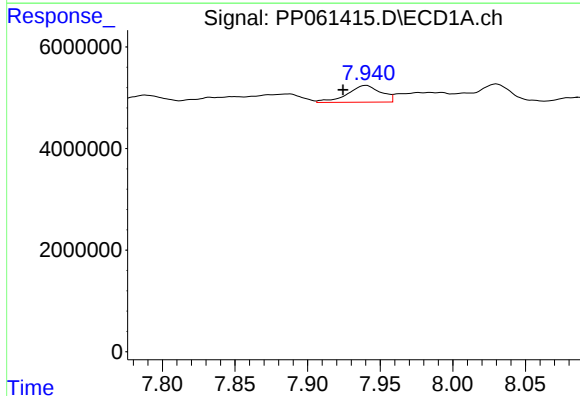
R.T.: 7.489 min
Delta R.T.: -0.011 min
Response: 1815943
Conc: 18.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



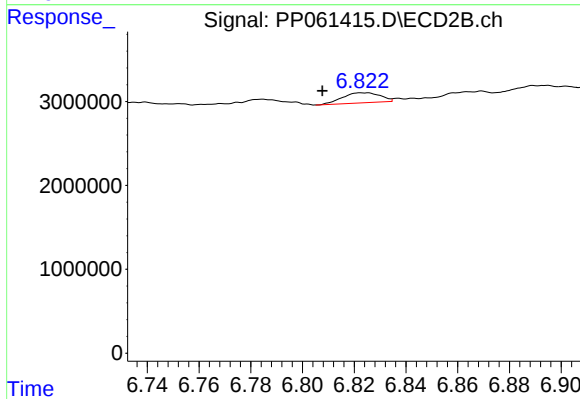
#29 AR-1254-4

R.T.: 6.401 min
Delta R.T.: 0.014 min
Response: 3113194
Conc: 44.79 ng/ml



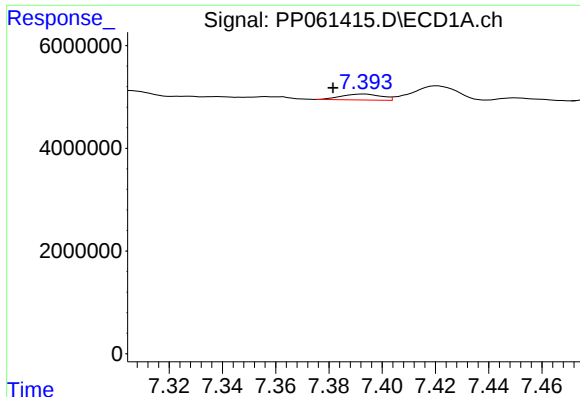
#30 AR-1254-5

R.T.: 7.940 min
Delta R.T.: 0.016 min
Response: 5349421
Conc: 48.61 ng/ml



#30 AR-1254-5

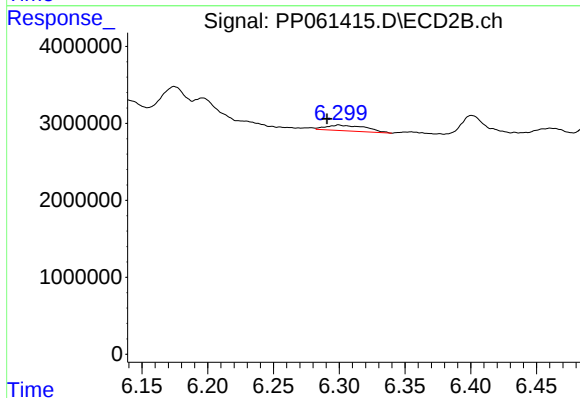
R.T.: 6.825 min
Delta R.T.: 0.018 min
Response: 1214930
Conc: 11.48 ng/ml



#31 AR-1260-1

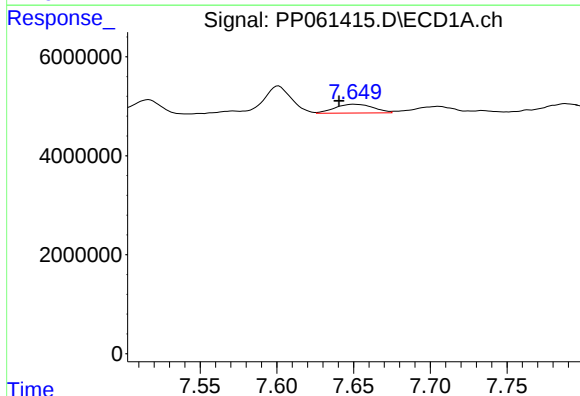
R.T.: 7.393 min
Delta R.T.: 0.012 min
Response: 1188332
Conc: 10.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



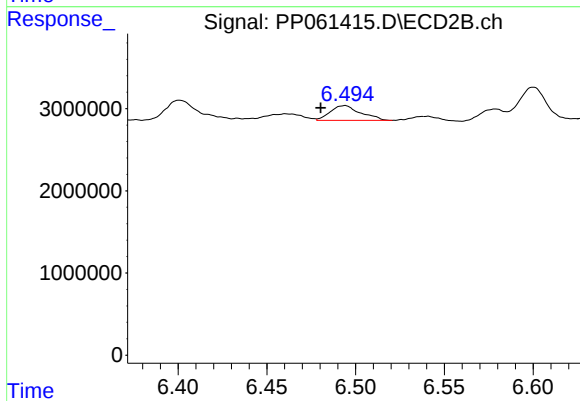
#31 AR-1260-1

R.T.: 6.300 min
Delta R.T.: 0.009 min
Response: 1545220
Conc: 18.99 ng/ml



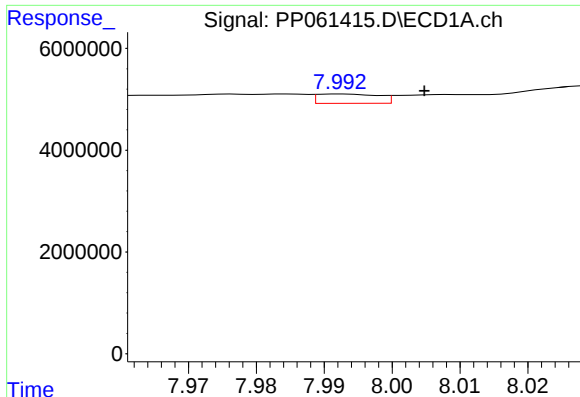
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: 0.009 min
Response: 3119543
Conc: 24.11 ng/ml



#32 AR-1260-2

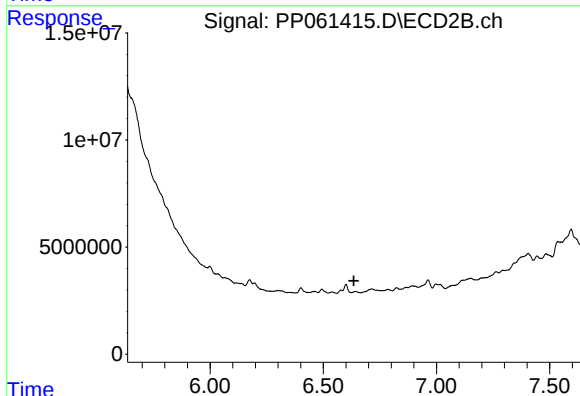
R.T.: 6.494 min
Delta R.T.: 0.014 min
Response: 1838569
Conc: 18.85 ng/ml



#33 AR-1260-3

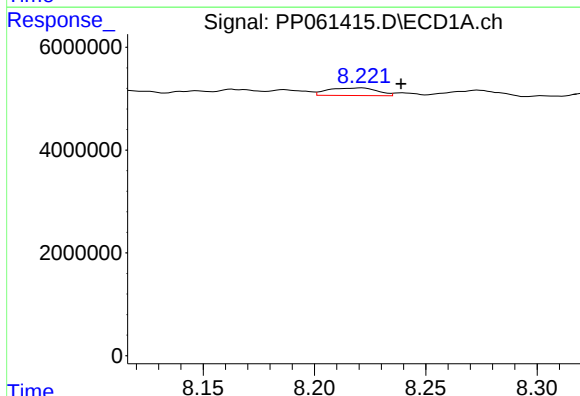
R.T.: 7.992 min
Delta R.T.: -0.012 min
Response: 1154798
Conc: 13.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



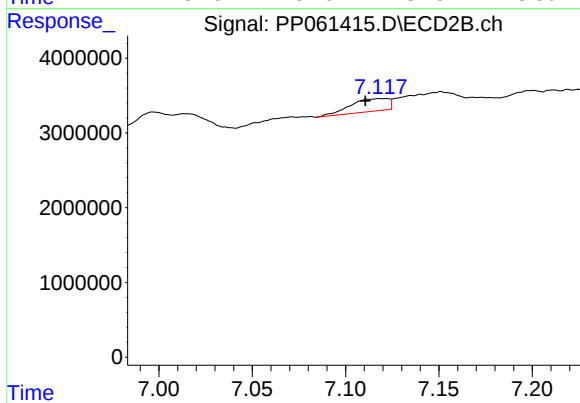
#33 AR-1260-3

R.T.: 6.641 min
Delta R.T.: 0.006 min
Response: -691465
Conc: N.D.



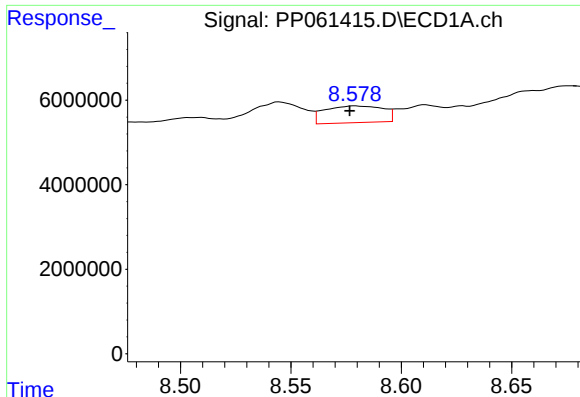
#34 AR-1260-4

R.T.: 8.221 min
Delta R.T.: -0.018 min
Response: 2267639
Conc: 22.43 ng/ml



#34 AR-1260-4

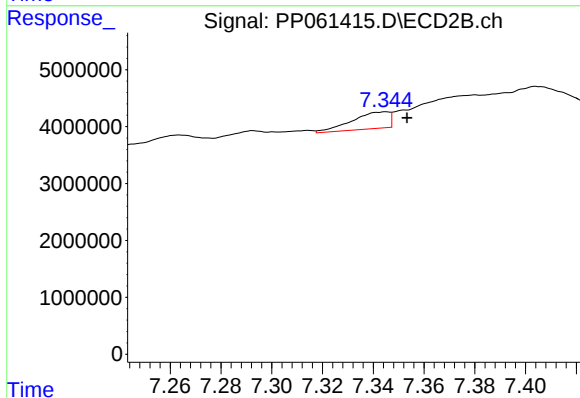
R.T.: 7.118 min
Delta R.T.: 0.007 min
Response: 2417800
Conc: 32.97 ng/ml



#35 AR-1260-5

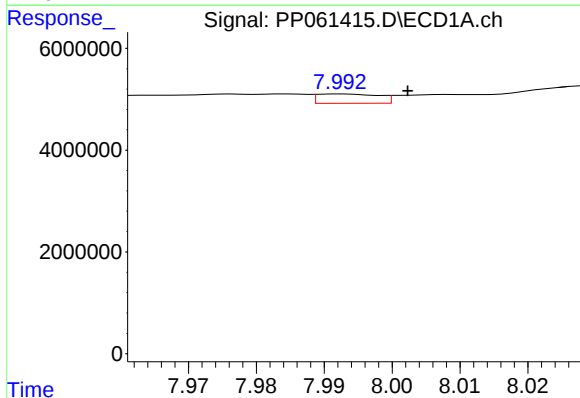
R.T.: 8.579 min
Delta R.T.: 0.003 min
Response: 7306895
Conc: 37.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



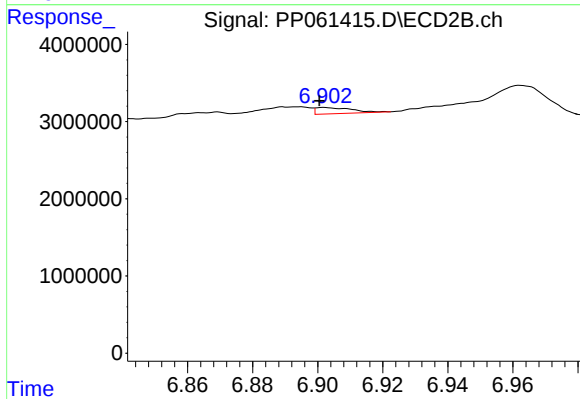
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: -0.008 min
Response: 2983168
Conc: 17.47 ng/ml



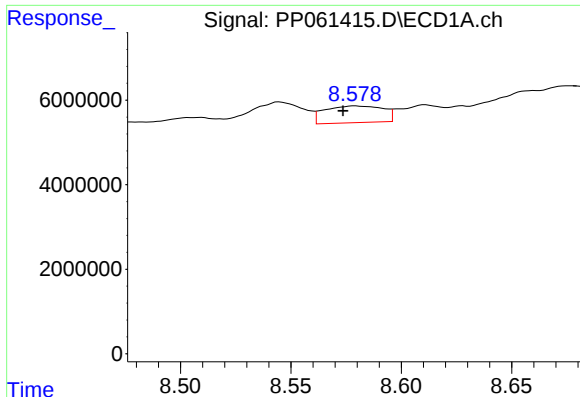
#36 AR-1262-1

R.T.: 7.992 min
Delta R.T.: -0.010 min
Response: 1154798
Conc: 8.68 ng/ml



#36 AR-1262-1

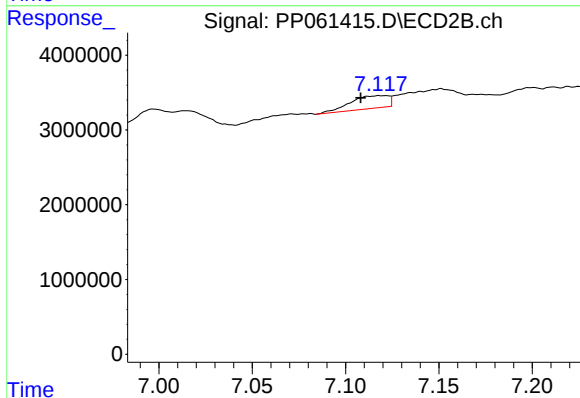
R.T.: 6.902 min
Delta R.T.: 0.002 min
Response: 623421
Conc: 13.83 ng/ml



#37 AR-1262-2

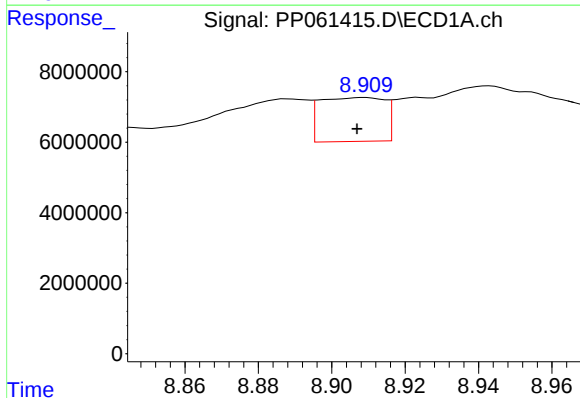
R.T.: 8.579 min
Delta R.T.: 0.006 min
Response: 7306895
Conc: 31.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



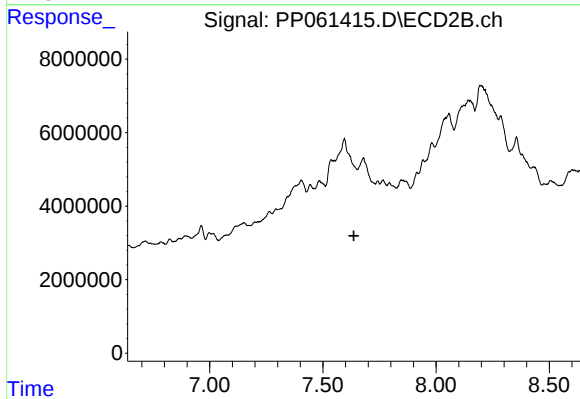
#37 AR-1262-2

R.T.: 7.118 min
Delta R.T.: 0.010 min
Response: 2417800
Conc: 24.15 ng/ml



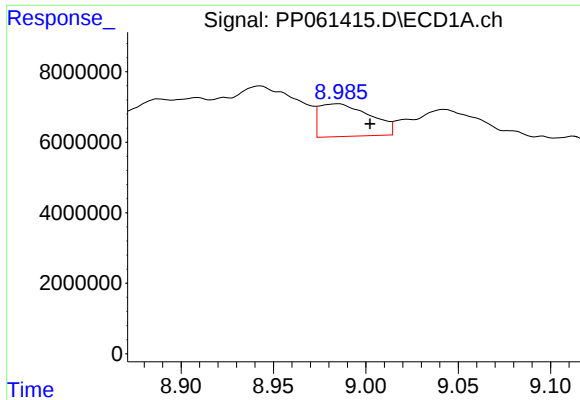
#38 AR-1262-3

R.T.: 8.909 min
Delta R.T.: 0.002 min
Response: 15209165
Conc: 95.80 ng/ml



#38 AR-1262-3

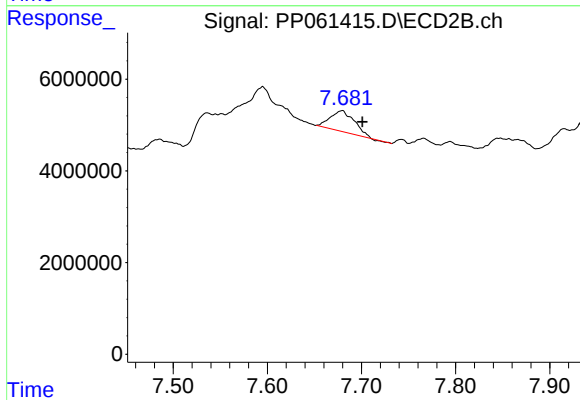
R.T.: 0.000 min
Exp R.T. : 7.637 min
Response: 0
Conc: N.D.



#39 AR-1262-4

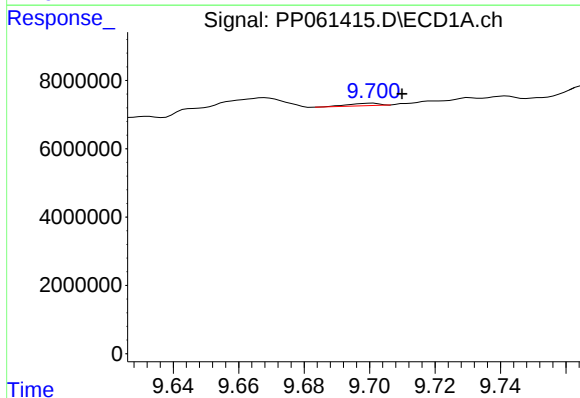
R.T.: 8.985 min
Delta R.T.: -0.017 min
Response: 17884372
Conc: 148.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



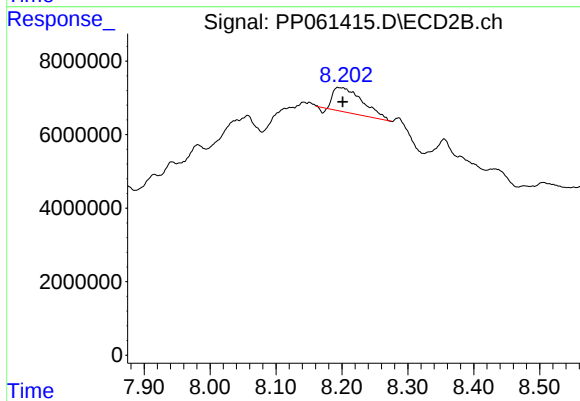
#39 AR-1262-4

R.T.: 7.679 min
Delta R.T.: -0.021 min
Response: 8034686
Conc: 55.61 ng/ml



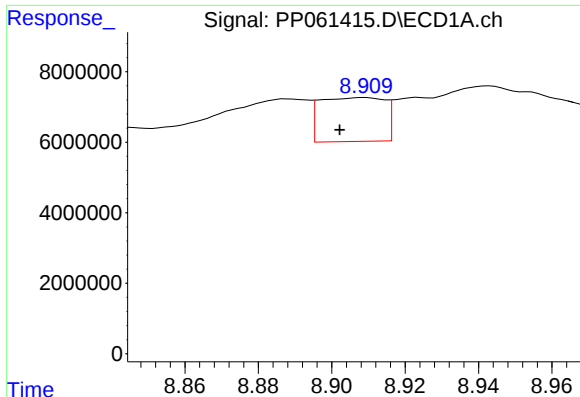
#40 AR-1262-5

R.T.: 9.701 min
Delta R.T.: -0.009 min
Response: 471662
Conc: 5.80 ng/ml



#40 AR-1262-5

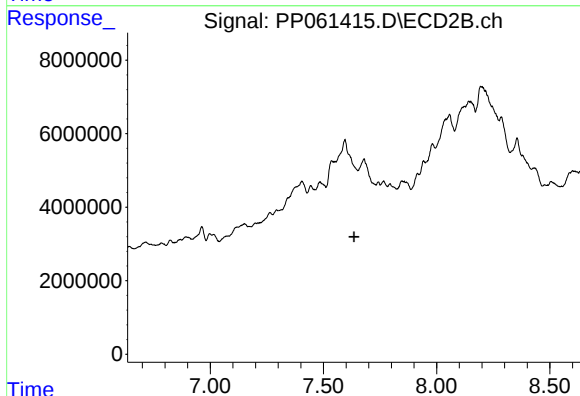
R.T.: 8.194 min
Delta R.T.: -0.007 min
Response: 20403830
Conc: 295.19 ng/ml



#41 AR-1268-1

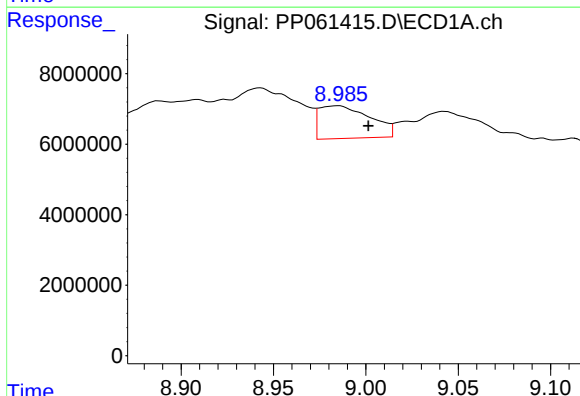
R.T.: 8.909 min
Delta R.T.: 0.007 min
Response: 15209165
Conc: 53.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



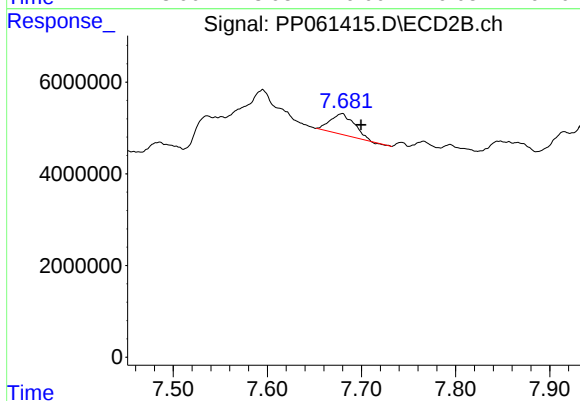
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.635 min
Response: 0
Conc: N.D.



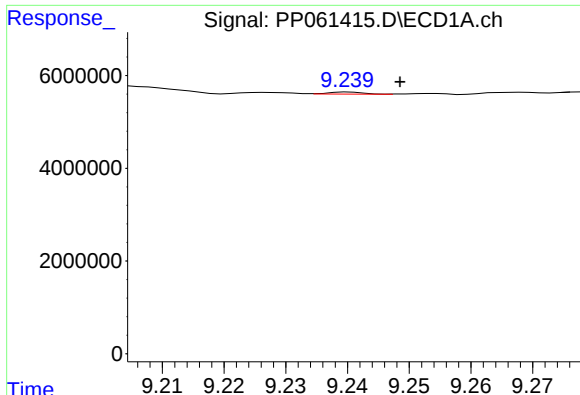
#42 AR-1268-2

R.T.: 8.985 min
Delta R.T.: -0.016 min
Response: 17884372
Conc: 68.39 ng/ml



#42 AR-1268-2

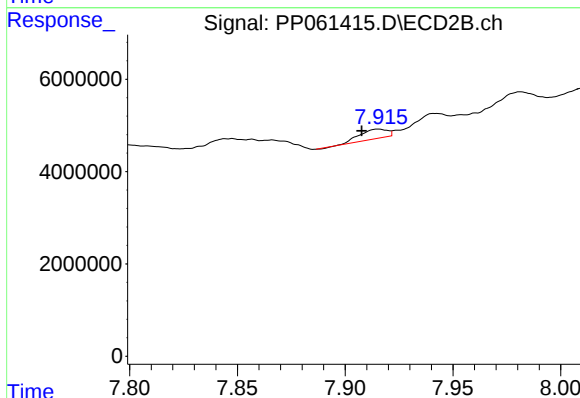
R.T.: 7.679 min
Delta R.T.: -0.020 min
Response: 8034686
Conc: 38.29 ng/ml



#43 AR-1268-3

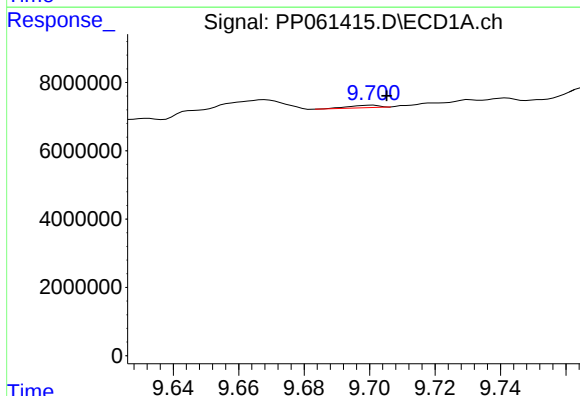
R.T.: 9.240 min
Delta R.T.: -0.008 min
Response: 175288
Conc: 0.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



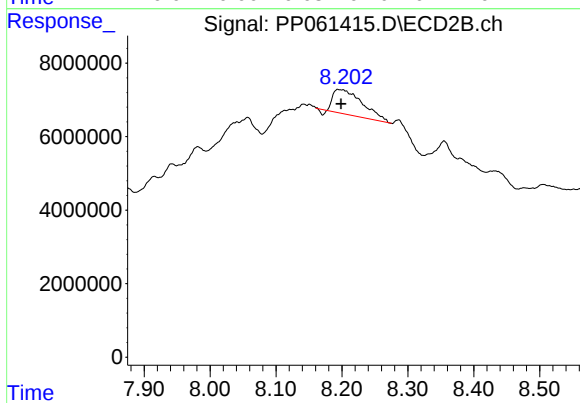
#43 AR-1268-3

R.T.: 7.915 min
Delta R.T.: 0.008 min
Response: 1784236
Conc: 9.71 ng/ml



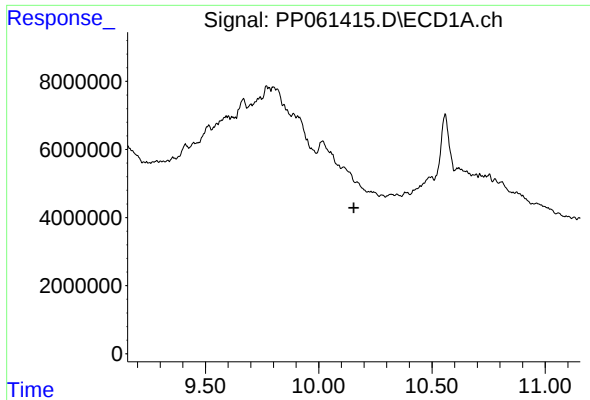
#44 AR-1268-4

R.T.: 9.701 min
Delta R.T.: -0.005 min
Response: 471662
Conc: 5.21 ng/ml



#44 AR-1268-4

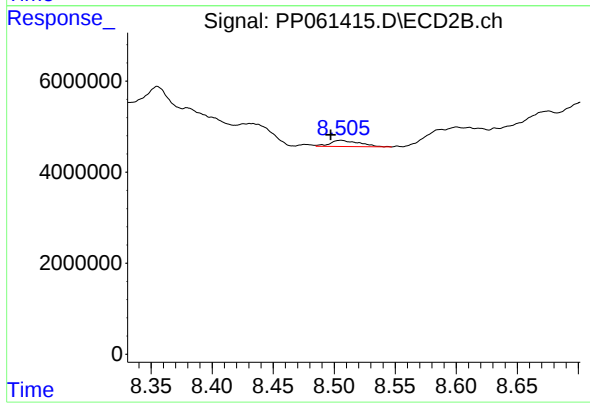
R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 20403830
Conc: 263.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.155 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.506 min
Delta R.T.: 0.009 min
Response: 2227066
Conc: 3.93 ng/ml