

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042023\
 Data File : PP057109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 05:18
 Operator : YP\AJ
 Sample : 02422-05 10X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 07:09:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.403	3.630	3068833	2652319	1.387	1.570
2)	SA Decachlor...	10.218	8.687	3324116	2800324	2.071	1.565
Target Compounds							
3)	L1 AR-1016-1	5.587	4.728	230624	1349698	3.676	23.760 #
4)	L1 AR-1016-2	5.604	4.750	96541	169694	1.058	2.118 #
5)	L1 AR-1016-3	5.663	4.923	219420	303614	3.804	6.990 #
6)	L1 AR-1016-4	5.776	4.959	1130972	1289537	24.888	33.231 #
7)	L1 AR-1016-5	6.067	5.194	4048922	1186921	84.032	23.673 #
8)	L2 AR-1221-1	4.604	3.871f	209941	23382	7.864	1.095 #
9)	L2 AR-1221-2	4.694	3.942	485490	52963	24.945	3.293 #
10)	L2 AR-1221-3	0.000	3.982f	0	367809	N.D.	7.483 #
11)	L3 AR-1232-1	0.000	3.982f	0	367809	N.D.	9.157 #
12)	L3 AR-1232-2	5.307	4.750	1500900	169694	60.427	4.691 #
13)	L3 AR-1232-3	5.604	4.923	96541	303614	2.321	15.796 #
14)	L3 AR-1232-4	5.776	4.993f	1130972	1637673	54.753	82.650 #
15)	L3 AR-1232-5	5.834f	5.194	3857570	1186921	204.045	53.484 #
16)	L4 AR-1242-1	5.587	4.728	230624	1349698	4.506	28.844 #
17)	L4 AR-1242-2	5.604	4.750	96541	169694	1.289	2.613 #
18)	L4 AR-1242-3	5.663	4.923	219420	303614	4.658	8.548 #
19)	L4 AR-1242-4	5.776	4.993f	1130972	1637673	30.318	41.187 #
20)	L4 AR-1242-5	6.493	5.536	3513906	2530143	104.323	56.556 #
21)	L5 AR-1248-1	5.587	4.728	230624	1349698	5.999	38.265 #
22)	L5 AR-1248-2	5.834f	4.959	3857570	1289537	61.216	23.230 #
23)	L5 AR-1248-3	6.067	4.993f	4048922	1637673	60.652	28.285 #
24)	L5 AR-1248-4	6.461	5.194	5985620	1186921	101.123	17.482 #
25)	L5 AR-1248-5	6.493	5.572	3513906	610960	60.530	10.514 #
26)	L6 AR-1254-1	6.461f	5.536	5985620	2530143	79.257	25.107 #
27)	L6 AR-1254-2	6.663	5.688	1677934	6169591	15.471	69.044 #
28)	L6 AR-1254-3	7.011f	6.082	9185106	10013983	88.733	71.476
29)	L6 AR-1254-4	7.308	0.000	356195	0	5.733	N.D. #
30)	L6 AR-1254-5	7.738	6.732	300067	649289	4.166	5.275 #
31)	L7 AR-1260-1	7.189	6.216	4834606	671139	55.510	6.623 #
32)	L7 AR-1260-2	7.446	6.415	6486336	3380023	70.632	29.080 #
33)	L7 AR-1260-3	7.787f	6.555	2888959	2487889	39.811	22.489 #
34)	L7 AR-1260-4	8.040	0.000	8638325	0	102.800	N.D. #
35)	L7 AR-1260-5	8.371	7.283	998210	527675	6.956	2.924 #
36)	L8 AR-1262-1	7.787f	6.838	2888959	905777	28.621	15.868 #
37)	L8 AR-1262-2	8.371	0.000	998210	0	6.825	N.D. #
38)	L8 AR-1262-3	8.701f	7.572	1963649	1241503	18.305	13.700 #
39)	L8 AR-1262-4	8.752f	7.630	2757079	703663	32.987	4.478 #
40)	L8 AR-1262-5	9.468f	0.000	131240	0	2.739	N.D. #
41)	L9 AR-1268-1	8.701f	7.572	1963649	1241503	9.310	4.470 #

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 Operator : YP\AJ
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 Misc :
 ALS Vial : 57 Sample Multiplier: 1

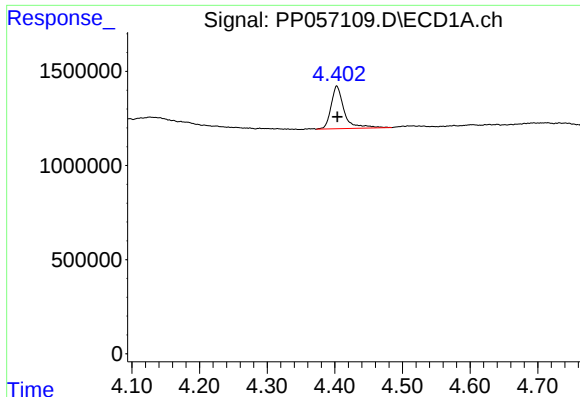
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 07:09:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
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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	8.752f	7.630	2757079	703663	15.393	2.821 #
43) L9	AR-1268-3	0.000	7.830	0	282724	N.D.	1.278 #
44) L9	AR-1268-4	9.418f	0.000	211088	0	3.722	N.D. #
45) L9	AR-1268-5	9.852f	8.428	-15495	183348	N.D.	0.310 #

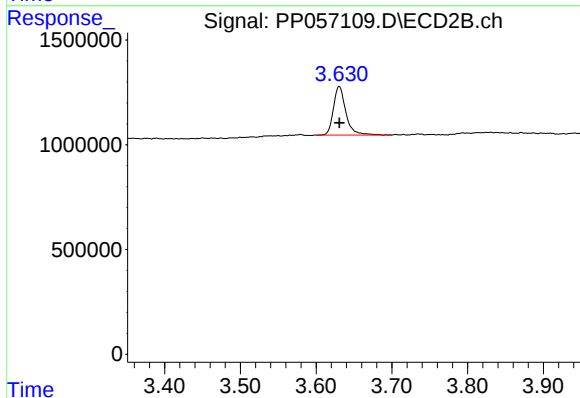
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

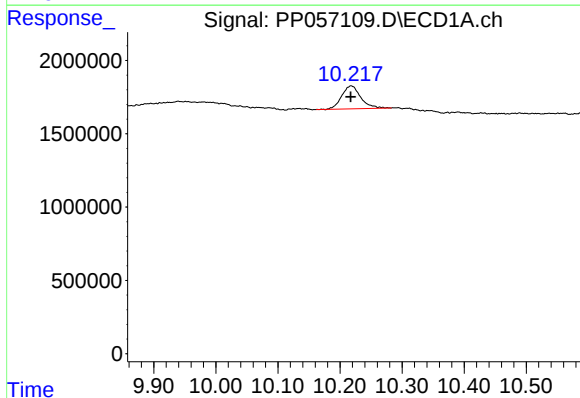
R.T.: 4.403 min
Delta R.T.: -0.001 min
Response: 3068833
Conc: 1.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



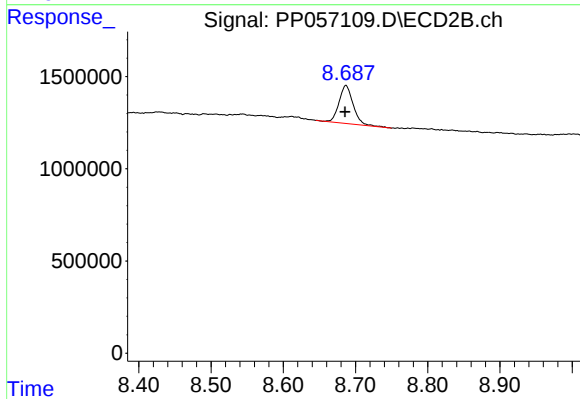
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: 0.000 min
Response: 2652319
Conc: 1.57 ng/ml



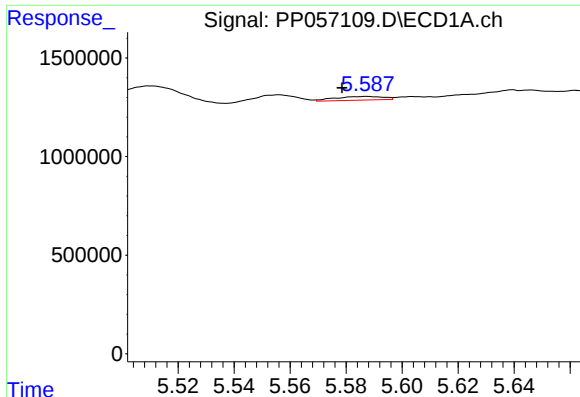
#2 Decachlorobiphenyl

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 3324116
Conc: 2.07 ng/ml



#2 Decachlorobiphenyl

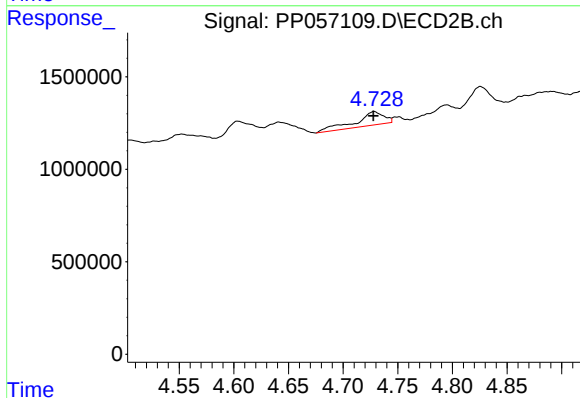
R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 2800324
Conc: 1.57 ng/ml



#3 AR-1016-1

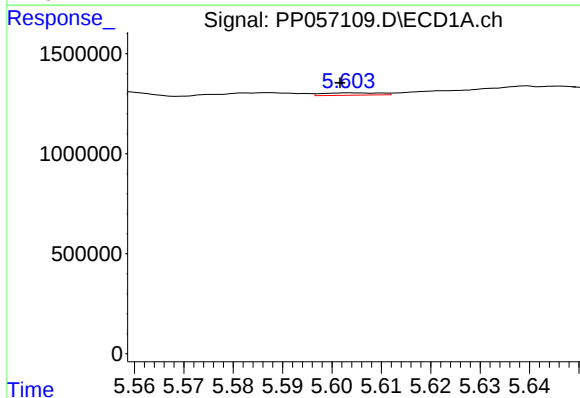
R.T.: 5.587 min
Delta R.T.: 0.009 min
Response: 230624
Conc: 3.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



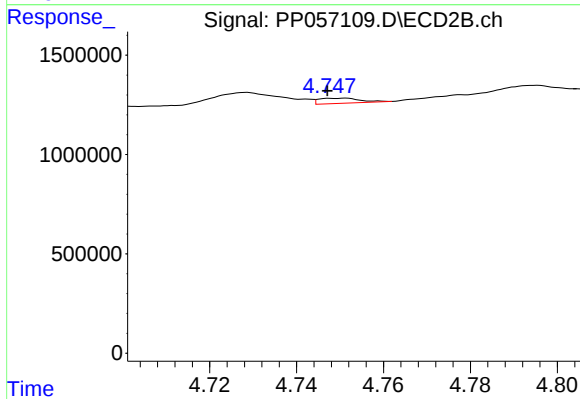
#3 AR-1016-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 1349698
Conc: 23.76 ng/ml



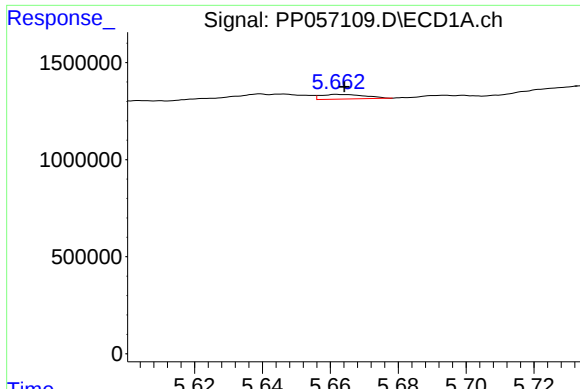
#4 AR-1016-2

R.T.: 5.604 min
Delta R.T.: 0.002 min
Response: 96541
Conc: 1.06 ng/ml



#4 AR-1016-2

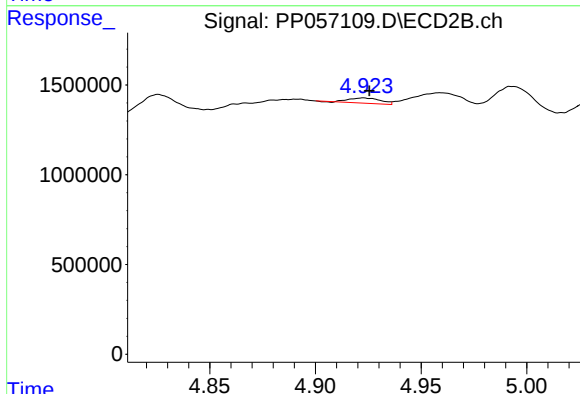
R.T.: 4.750 min
Delta R.T.: 0.003 min
Response: 169694
Conc: 2.12 ng/ml



#5 AR-1016-3

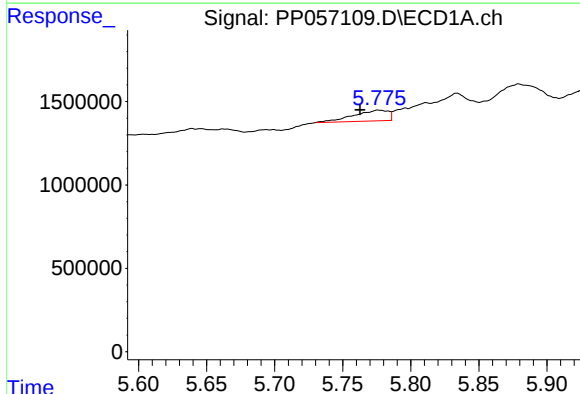
R.T.: 5.663 min
Delta R.T.: -0.001 min
Response: 219420
Conc: 3.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



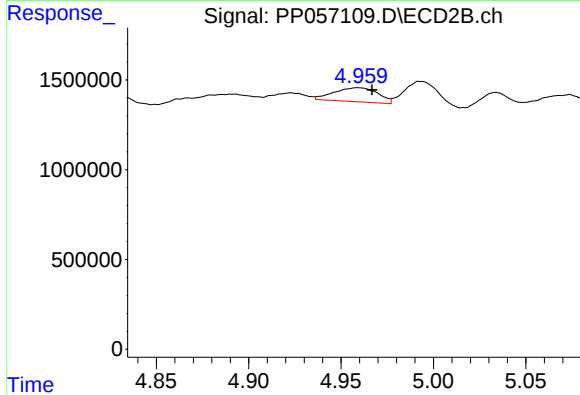
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 303614
Conc: 6.99 ng/ml



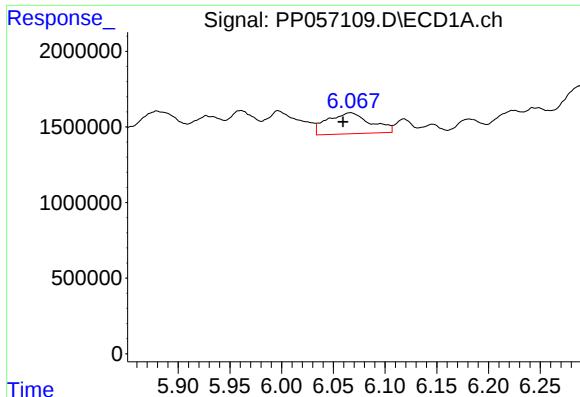
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: 0.014 min
Response: 1130972
Conc: 24.89 ng/ml



#6 AR-1016-4

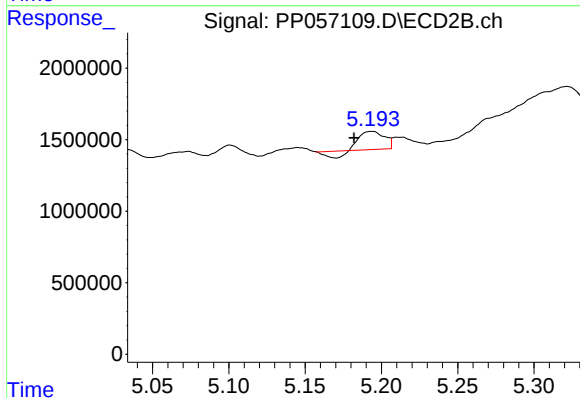
R.T.: 4.959 min
Delta R.T.: -0.007 min
Response: 1289537
Conc: 33.23 ng/ml



#7 AR-1016-5

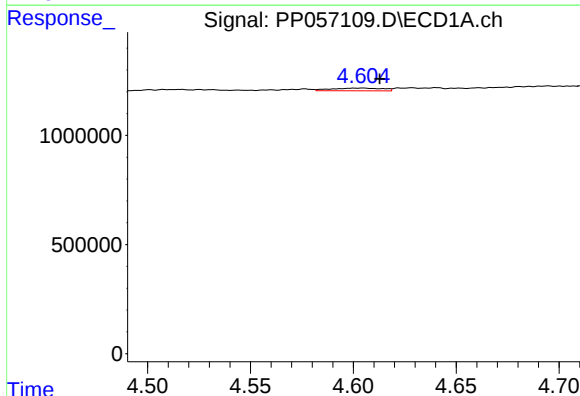
R.T.: 6.067 min
Delta R.T.: 0.007 min
Response: 4048922
Conc: 84.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



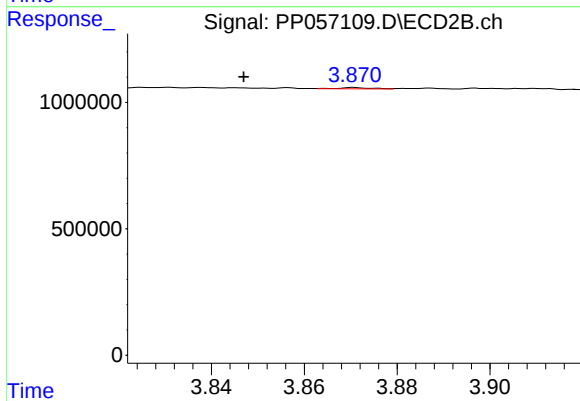
#7 AR-1016-5

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1186921
Conc: 23.67 ng/ml



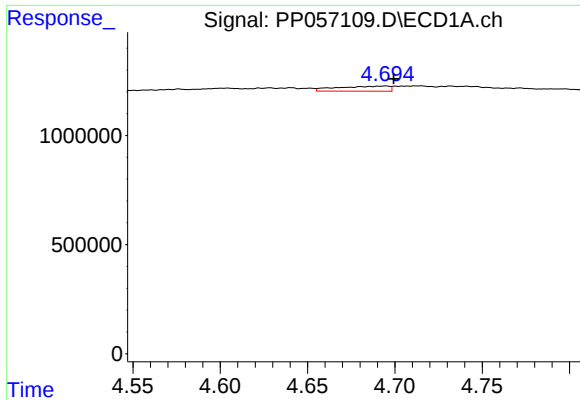
#8 AR-1221-1

R.T.: 4.604 min
Delta R.T.: -0.008 min
Response: 209941
Conc: 7.86 ng/ml



#8 AR-1221-1

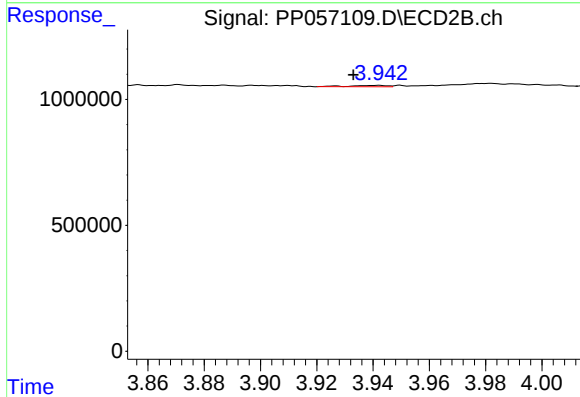
R.T.: 3.871 min
Delta R.T.: 0.024 min
Response: 23382
Conc: 1.10 ng/ml



#9 AR-1221-2

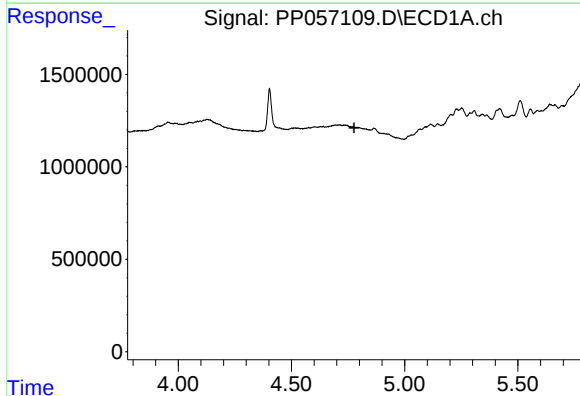
R.T.: 4.694 min
Delta R.T.: -0.005 min
Response: 485490
Conc: 24.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



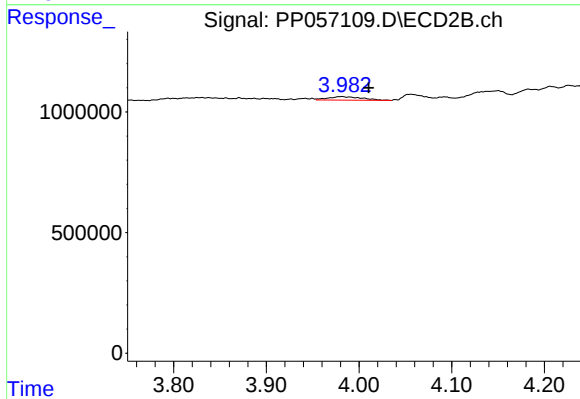
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: 0.009 min
Response: 52963
Conc: 3.29 ng/ml



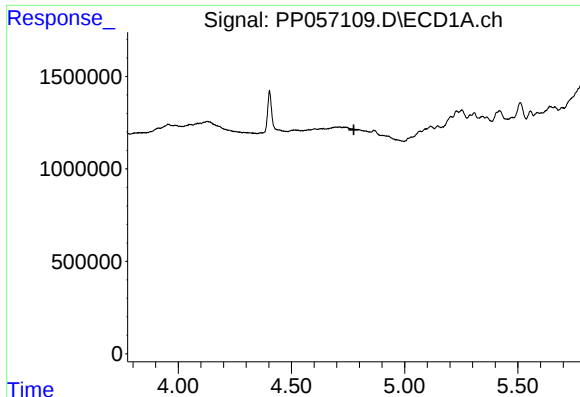
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.776 min
Response: 0
Conc: N.D.



#10 AR-1221-3

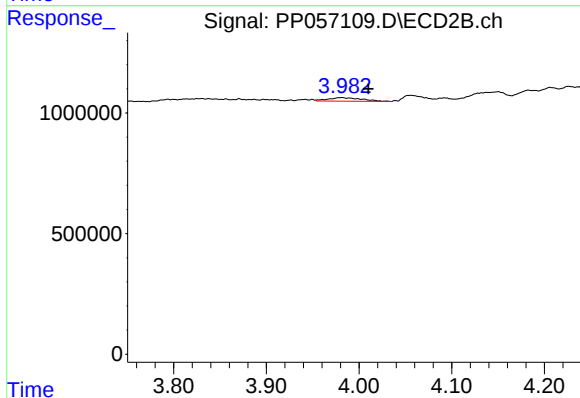
R.T.: 3.982 min
Delta R.T.: -0.029 min
Response: 367809
Conc: 7.48 ng/ml



#11 AR-1232-1

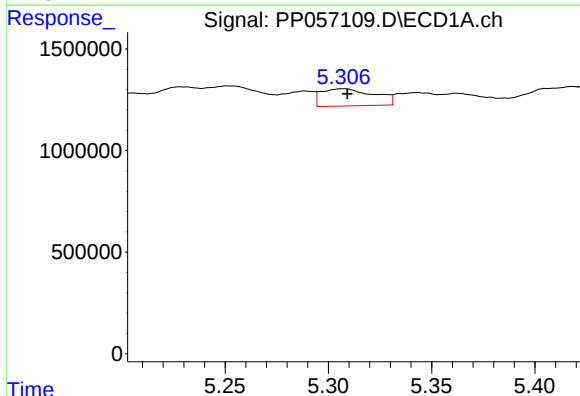
R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



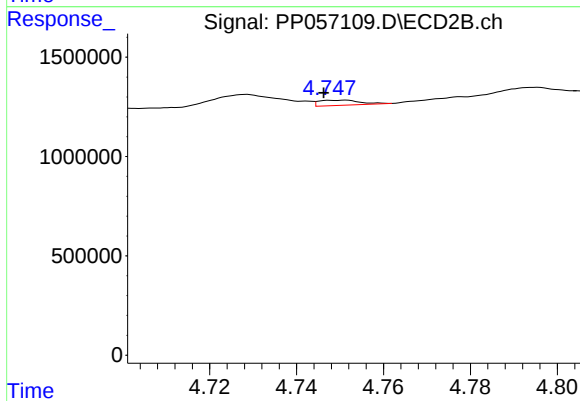
#11 AR-1232-1

R.T.: 3.982 min
Delta R.T.: -0.029 min
Response: 367809
Conc: 9.16 ng/ml



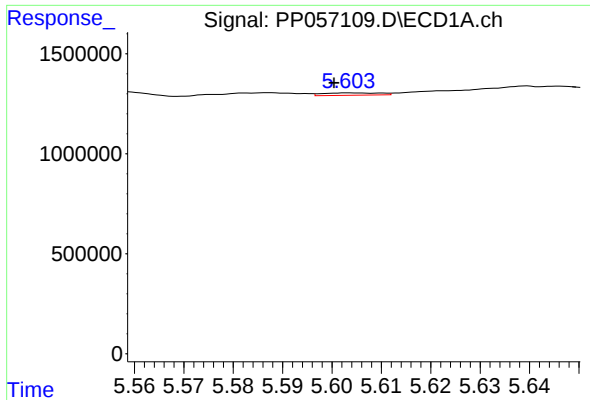
#12 AR-1232-2

R.T.: 5.307 min
Delta R.T.: -0.002 min
Response: 1500900
Conc: 60.43 ng/ml



#12 AR-1232-2

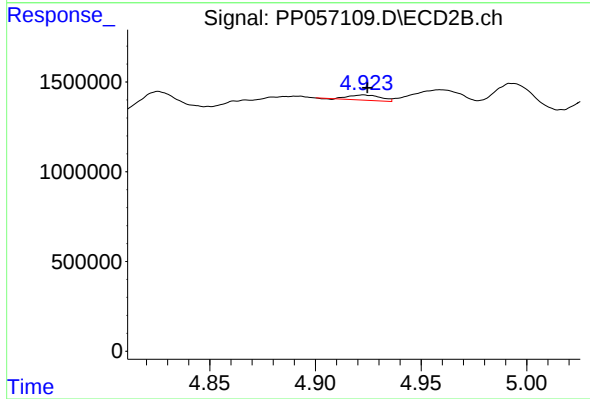
R.T.: 4.750 min
Delta R.T.: 0.004 min
Response: 169694
Conc: 4.69 ng/ml



#13 AR-1232-3

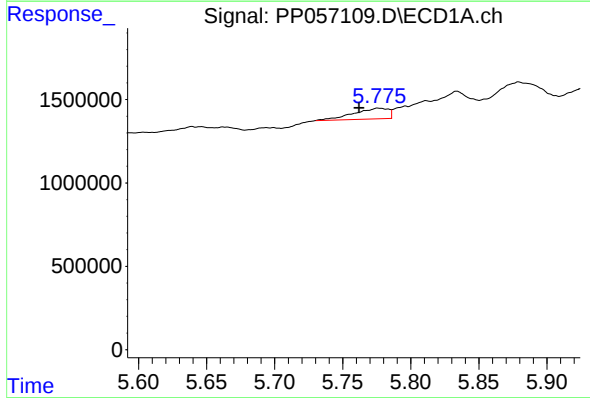
R.T.: 5.604 min
Delta R.T.: 0.003 min
Response: 96541
Conc: 2.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



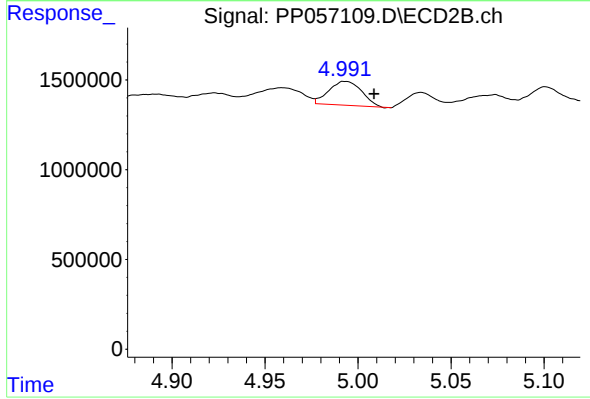
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 303614
Conc: 15.80 ng/ml



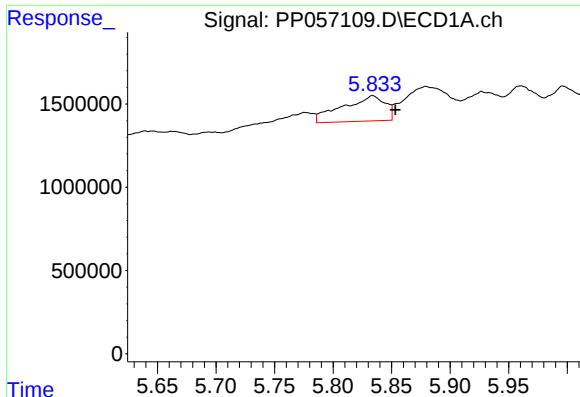
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: 0.014 min
Response: 1130972
Conc: 54.75 ng/ml



#14 AR-1232-4

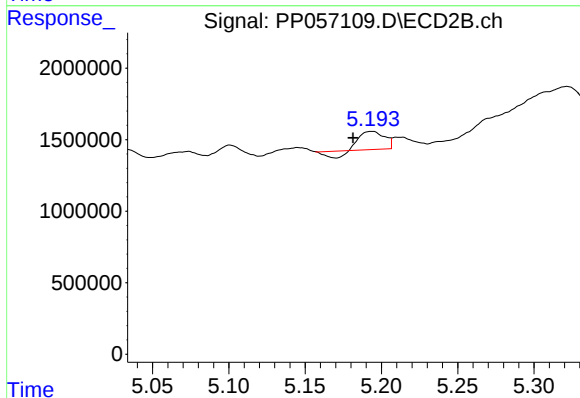
R.T.: 4.993 min
Delta R.T.: -0.016 min
Response: 1637673
Conc: 82.65 ng/ml



#15 AR-1232-5

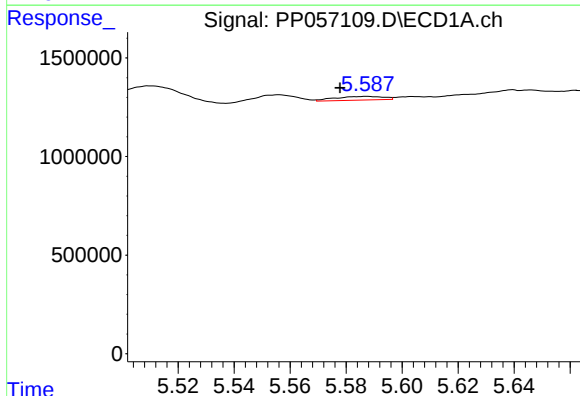
R.T.: 5.834 min
Delta R.T.: -0.019 min
Response: 3857570
Conc: 204.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



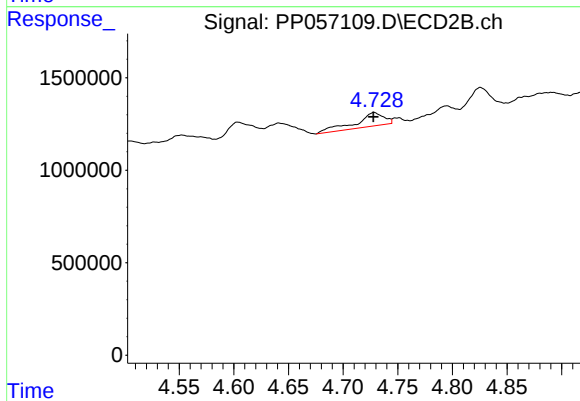
#15 AR-1232-5

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1186921
Conc: 53.48 ng/ml



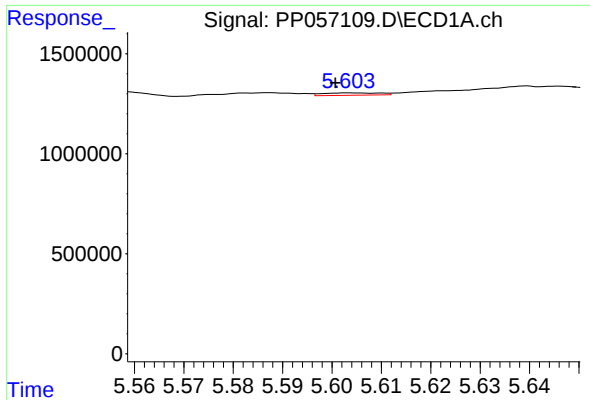
#16 AR-1242-1

R.T.: 5.587 min
Delta R.T.: 0.009 min
Response: 230624
Conc: 4.51 ng/ml



#16 AR-1242-1

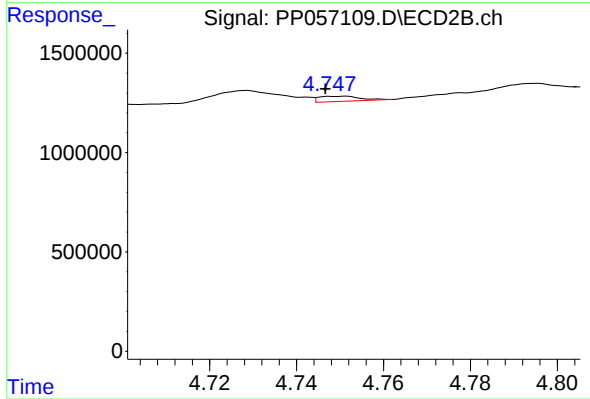
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 1349698
Conc: 28.84 ng/ml



#17 AR-1242-2

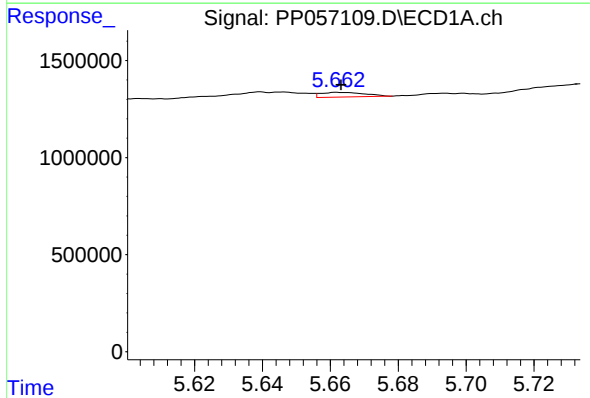
R.T.: 5.604 min
Delta R.T.: 0.003 min
Response: 96541
Conc: 1.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



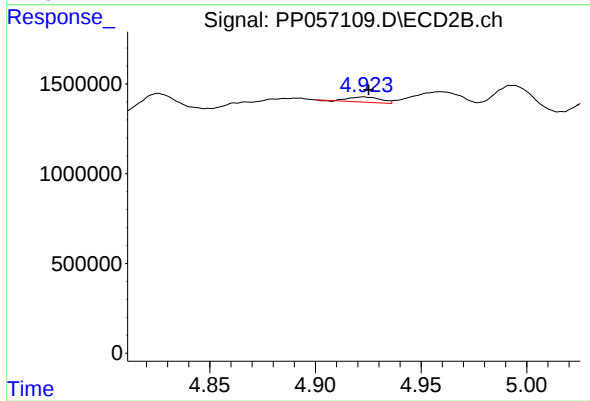
#17 AR-1242-2

R.T.: 4.750 min
Delta R.T.: 0.004 min
Response: 169694
Conc: 2.61 ng/ml



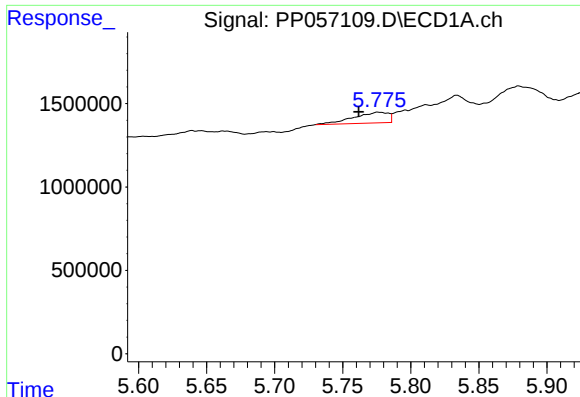
#18 AR-1242-3

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 219420
Conc: 4.66 ng/ml



#18 AR-1242-3

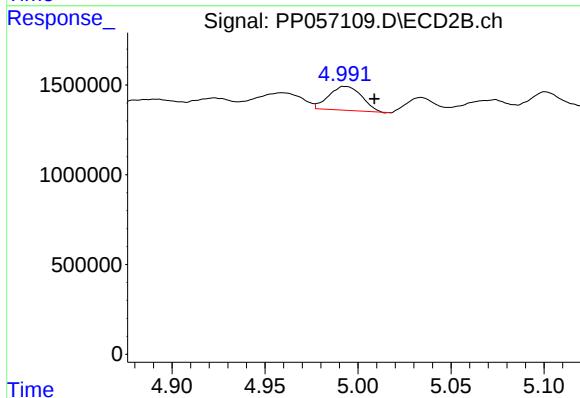
R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 303614
Conc: 8.55 ng/ml



#19 AR-1242-4

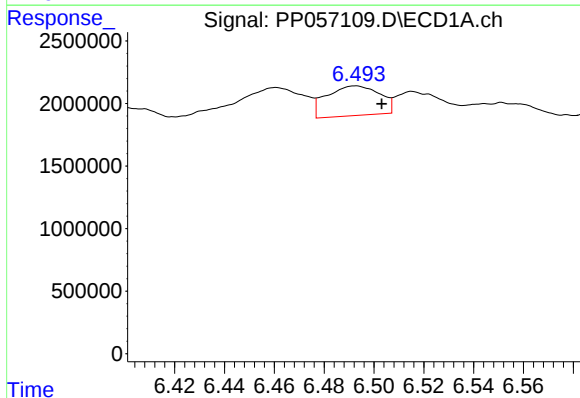
R.T.: 5.776 min
Delta R.T.: 0.014 min
Response: 1130972
Conc: 30.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



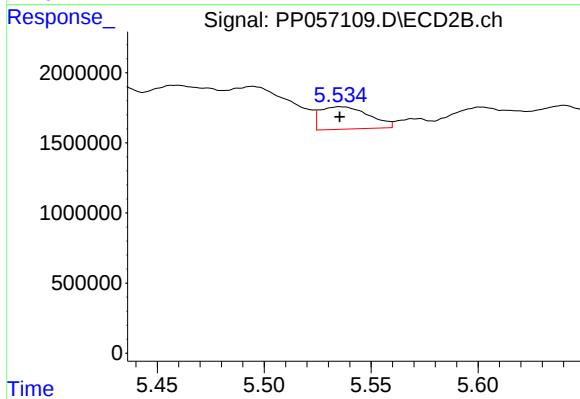
#19 AR-1242-4

R.T.: 4.993 min
Delta R.T.: -0.016 min
Response: 1637673
Conc: 41.19 ng/ml



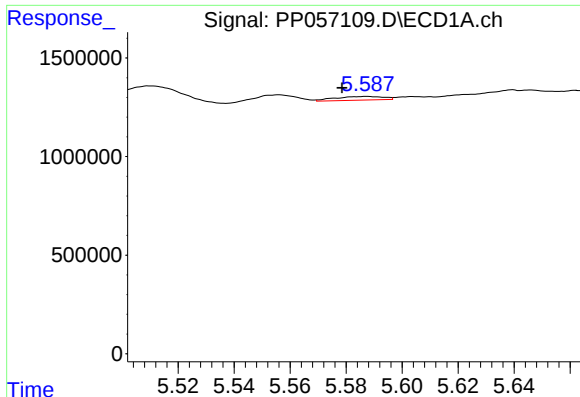
#20 AR-1242-5

R.T.: 6.493 min
Delta R.T.: -0.010 min
Response: 3513906
Conc: 104.32 ng/ml



#20 AR-1242-5

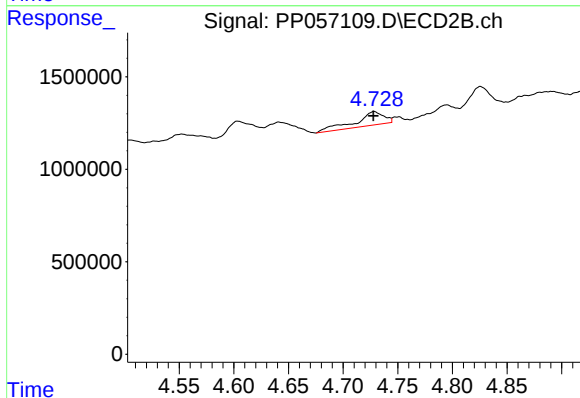
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 2530143
Conc: 56.56 ng/ml



#21 AR-1248-1

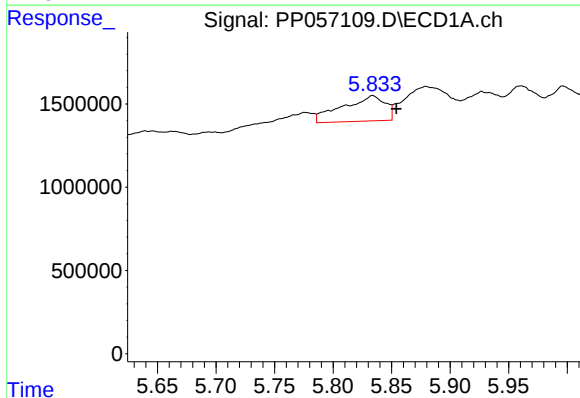
R.T.: 5.587 min
Delta R.T.: 0.009 min
Response: 230624
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



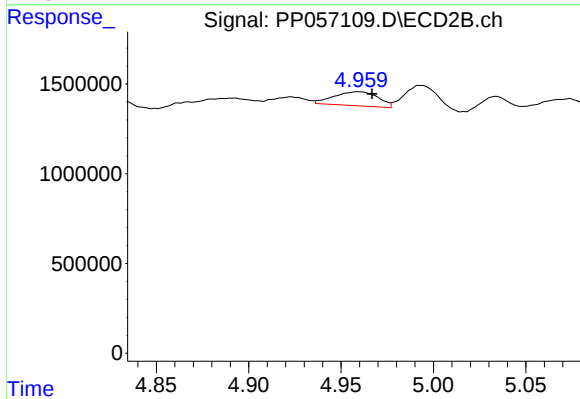
#21 AR-1248-1

R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 1349698
Conc: 38.27 ng/ml



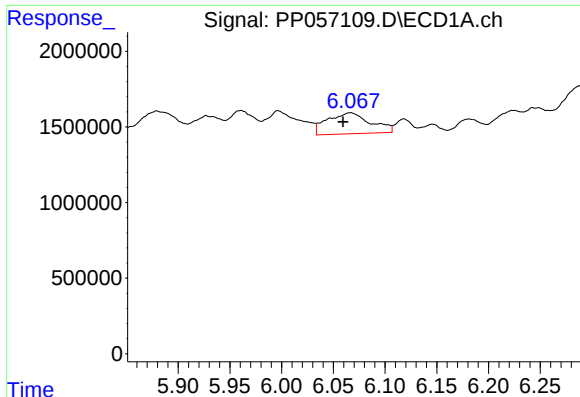
#22 AR-1248-2

R.T.: 5.834 min
Delta R.T.: -0.020 min
Response: 3857570
Conc: 61.22 ng/ml



#22 AR-1248-2

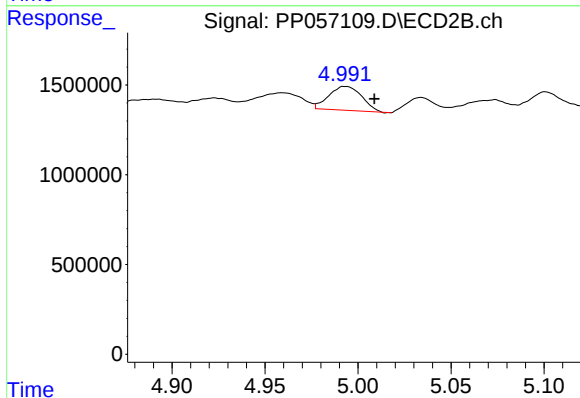
R.T.: 4.959 min
Delta R.T.: -0.007 min
Response: 1289537
Conc: 23.23 ng/ml



#23 AR-1248-3

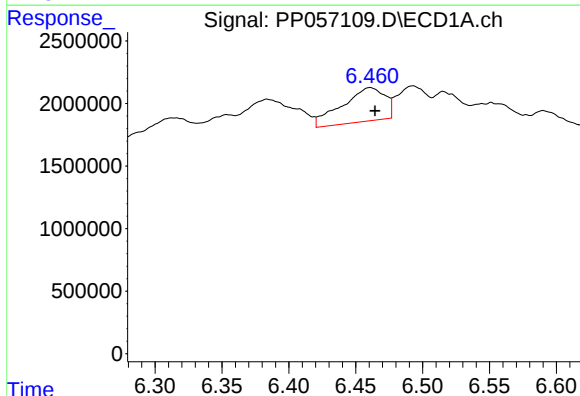
R.T.: 6.067 min
Delta R.T.: 0.007 min
Response: 4048922
Conc: 60.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



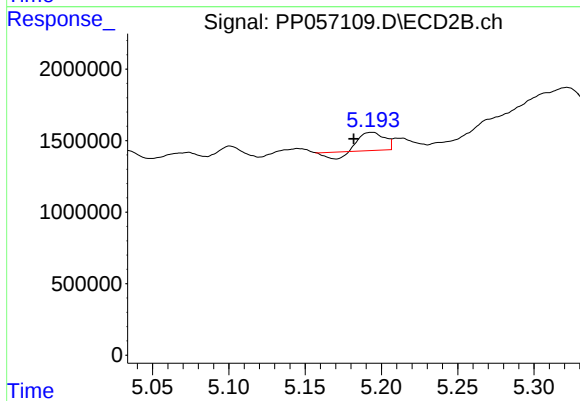
#23 AR-1248-3

R.T.: 4.993 min
Delta R.T.: -0.016 min
Response: 1637673
Conc: 28.29 ng/ml



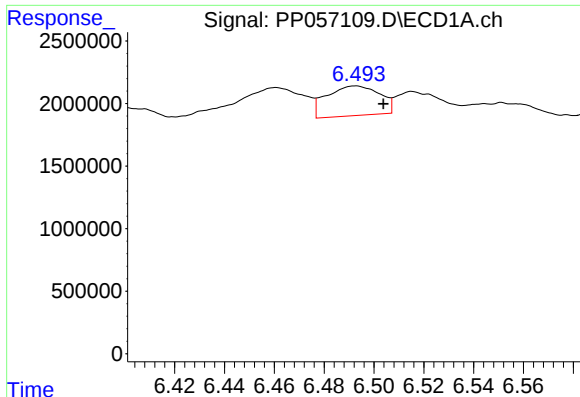
#24 AR-1248-4

R.T.: 6.461 min
Delta R.T.: -0.004 min
Response: 5985620
Conc: 101.12 ng/ml



#24 AR-1248-4

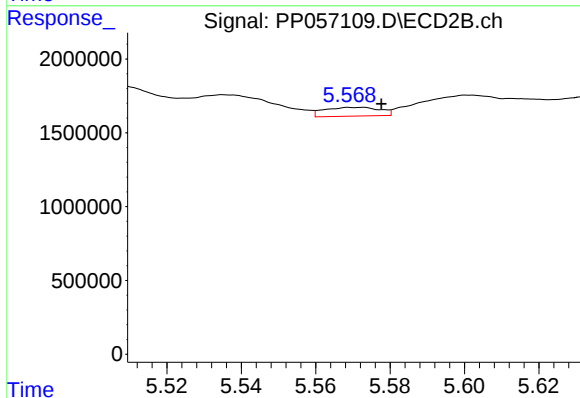
R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1186921
Conc: 17.48 ng/ml



#25 AR-1248-5

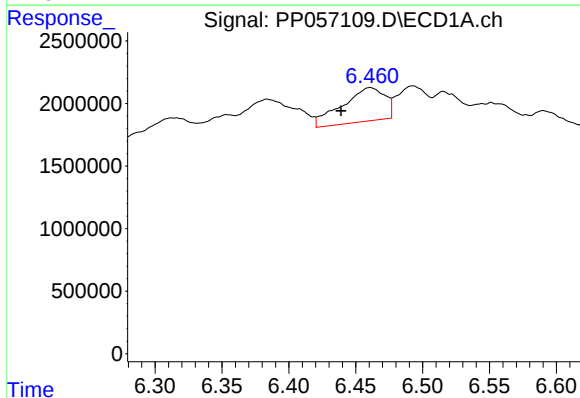
R.T.: 6.493 min
Delta R.T.: -0.011 min
Response: 3513906
Conc: 60.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



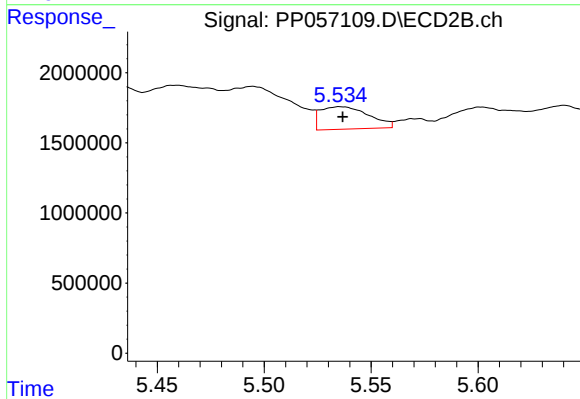
#25 AR-1248-5

R.T.: 5.572 min
Delta R.T.: -0.006 min
Response: 610960
Conc: 10.51 ng/ml



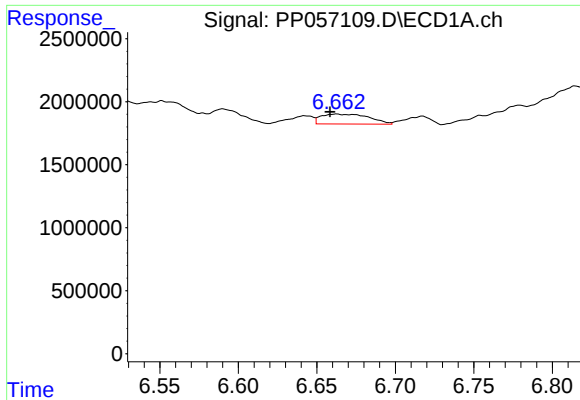
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: 0.022 min
Response: 5985620
Conc: 79.26 ng/ml



#26 AR-1254-1

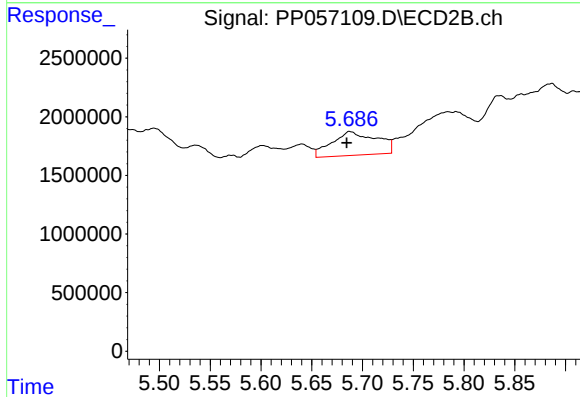
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 2530143
Conc: 25.11 ng/ml



#27 AR-1254-2

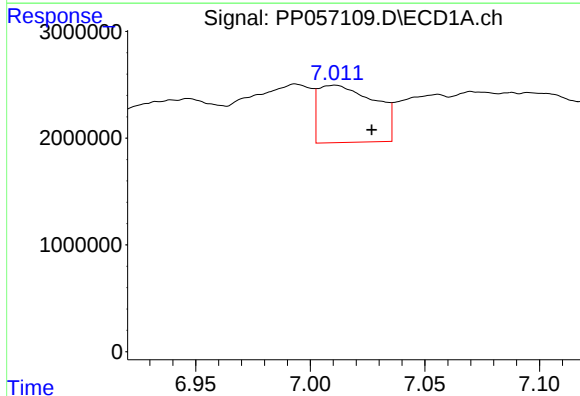
R.T.: 6.663 min
Delta R.T.: 0.004 min
Response: 1677934
Conc: 15.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



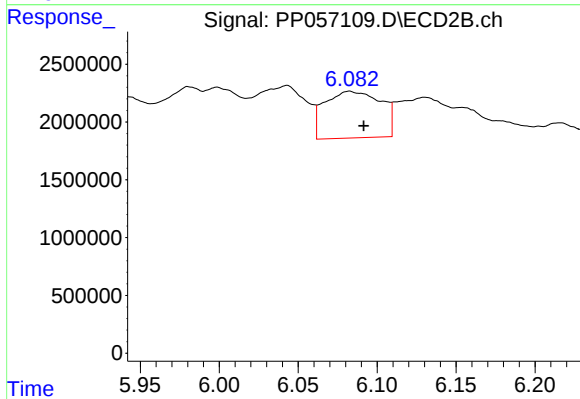
#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 6169591
Conc: 69.04 ng/ml



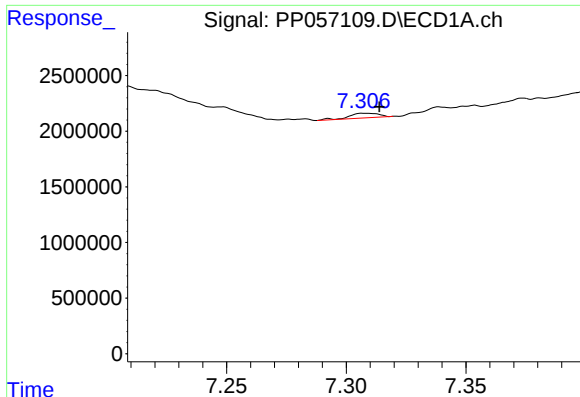
#28 AR-1254-3

R.T.: 7.011 min
Delta R.T.: -0.016 min
Response: 9185106
Conc: 88.73 ng/ml



#28 AR-1254-3

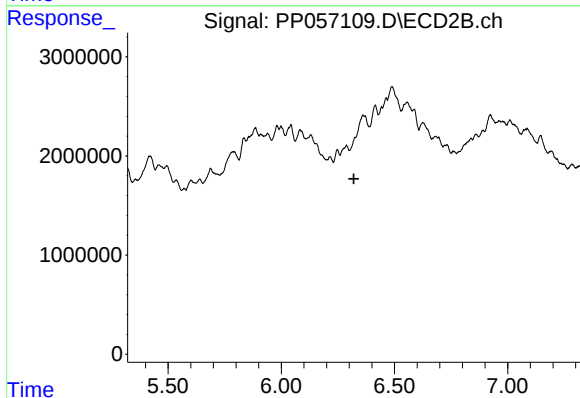
R.T.: 6.082 min
Delta R.T.: -0.009 min
Response: 10013983
Conc: 71.48 ng/ml



#29 AR-1254-4

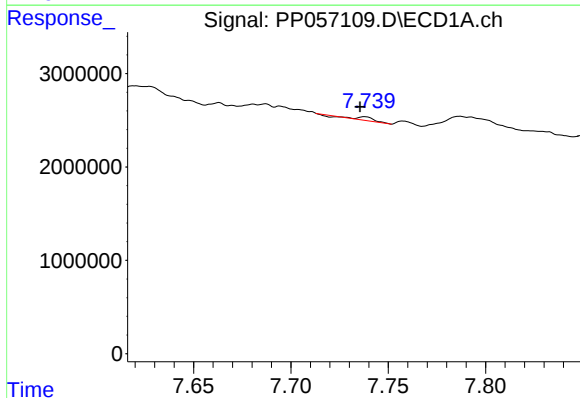
R.T.: 7.308 min
Delta R.T.: -0.006 min
Response: 356195
Conc: 5.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



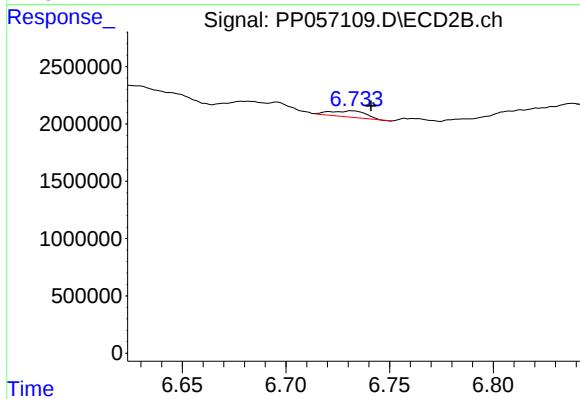
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.321 min
Response: 0
Conc: N.D.



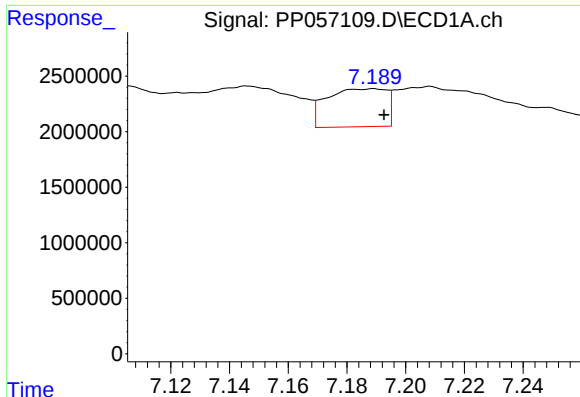
#30 AR-1254-5

R.T.: 7.738 min
Delta R.T.: 0.002 min
Response: 300067
Conc: 4.17 ng/ml



#30 AR-1254-5

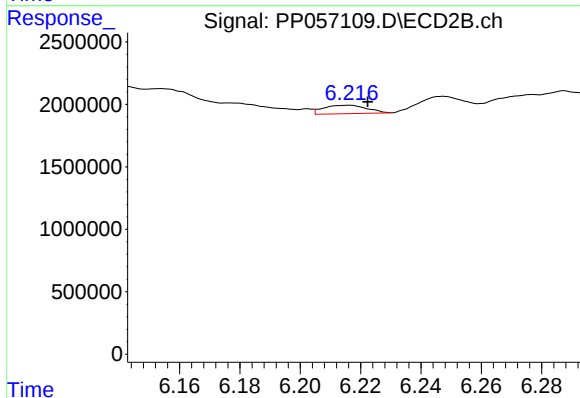
R.T.: 6.732 min
Delta R.T.: -0.009 min
Response: 649289
Conc: 5.27 ng/ml



#31 AR-1260-1

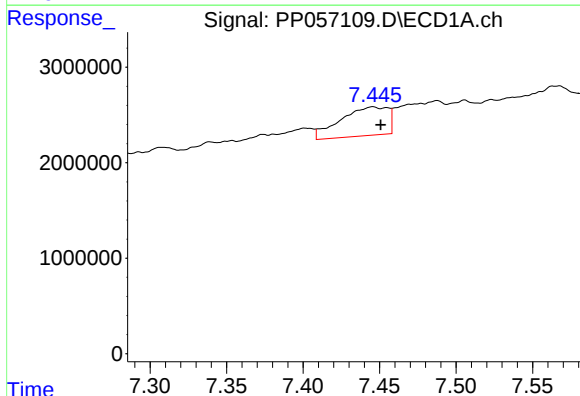
R.T.: 7.189 min
Delta R.T.: -0.004 min
Response: 4834606
Conc: 55.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



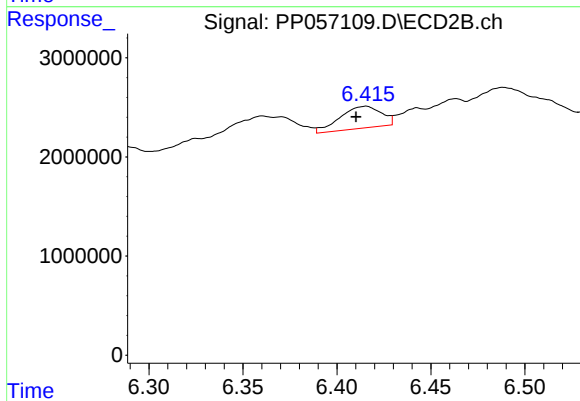
#31 AR-1260-1

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 671139
Conc: 6.62 ng/ml



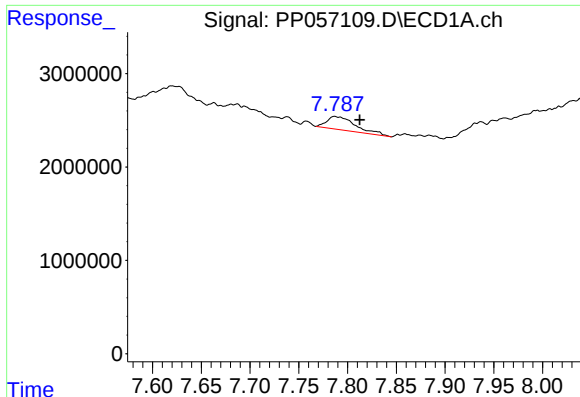
#32 AR-1260-2

R.T.: 7.446 min
Delta R.T.: -0.005 min
Response: 6486336
Conc: 70.63 ng/ml



#32 AR-1260-2

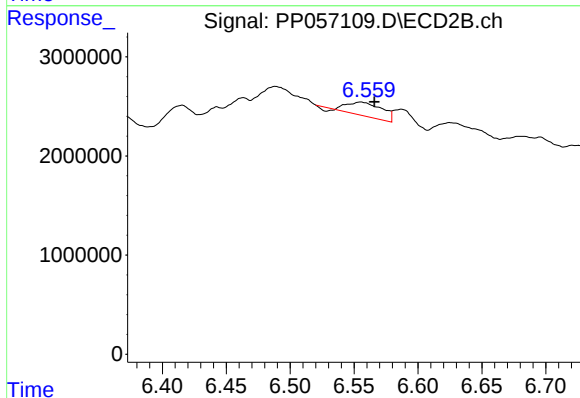
R.T.: 6.415 min
Delta R.T.: 0.005 min
Response: 3380023
Conc: 29.08 ng/ml



#33 AR-1260-3

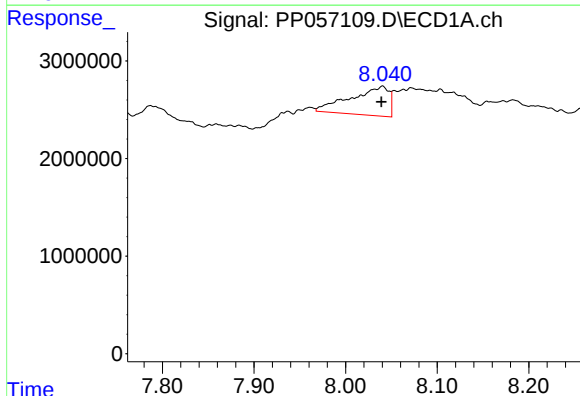
R.T.: 7.787 min
Delta R.T.: -0.026 min
Response: 2888959
Conc: 39.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



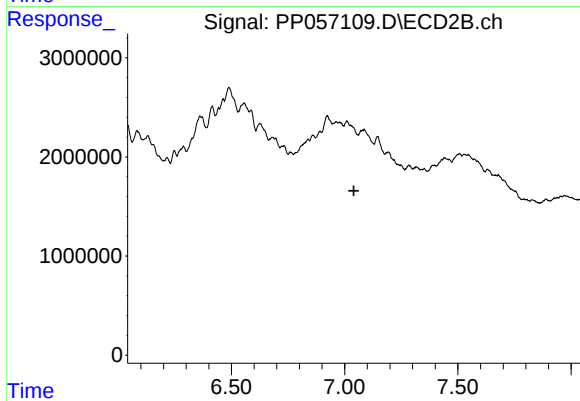
#33 AR-1260-3

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 2487889
Conc: 22.49 ng/ml



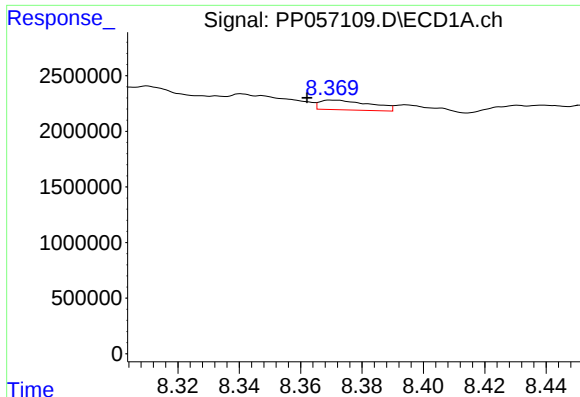
#34 AR-1260-4

R.T.: 8.040 min
Delta R.T.: 0.001 min
Response: 8638325
Conc: 102.80 ng/ml



#34 AR-1260-4

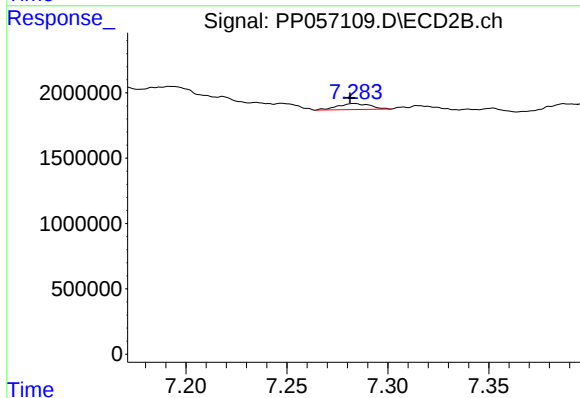
R.T.: 0.000 min
Exp R.T.: 7.040 min
Response: 0
Conc: N.D.



#35 AR-1260-5

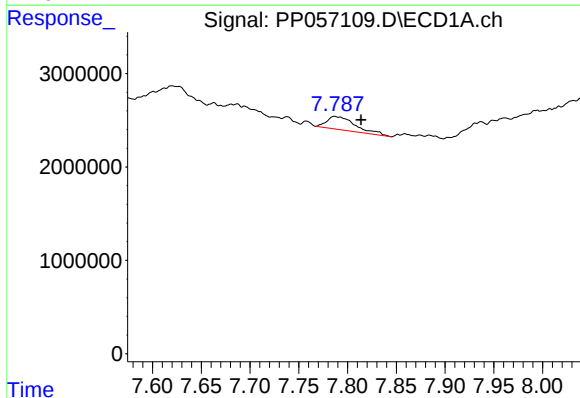
R.T.: 8.371 min
Delta R.T.: 0.008 min
Response: 998210
Conc: 6.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



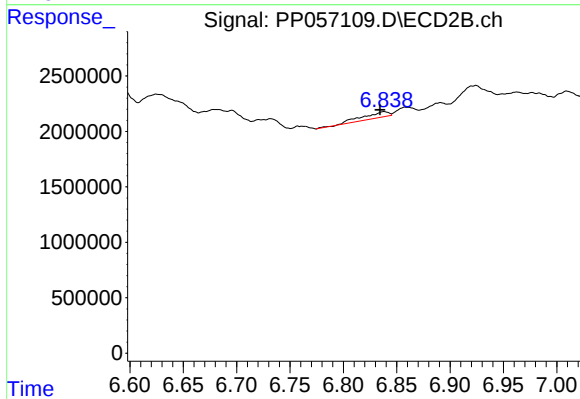
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: 0.002 min
Response: 527675
Conc: 2.92 ng/ml



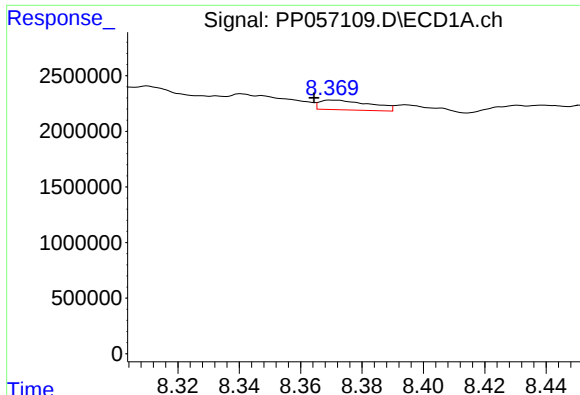
#36 AR-1262-1

R.T.: 7.787 min
Delta R.T.: -0.027 min
Response: 2888959
Conc: 28.62 ng/ml



#36 AR-1262-1

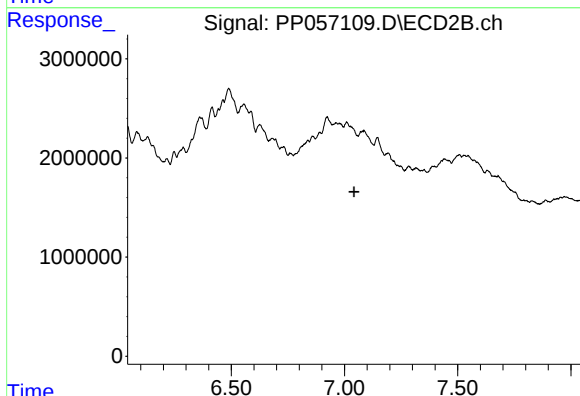
R.T.: 6.838 min
Delta R.T.: 0.004 min
Response: 905777
Conc: 15.87 ng/ml



#37 AR-1262-2

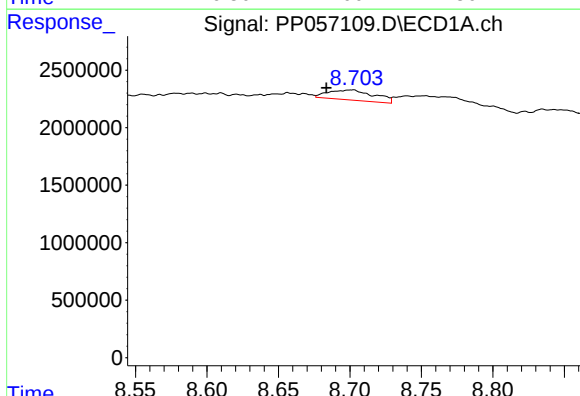
R.T.: 8.371 min
Delta R.T.: 0.006 min
Response: 998210
Conc: 6.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



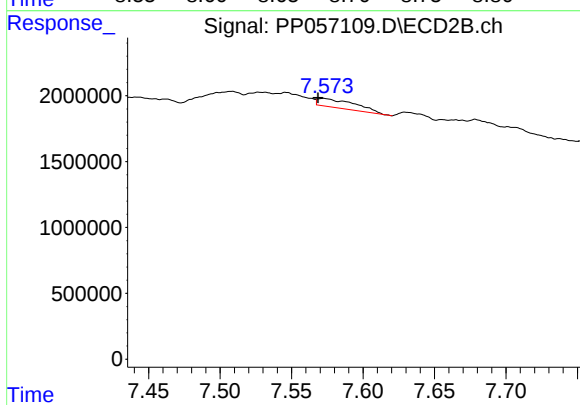
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.042 min
Response: 0
Conc: N.D.



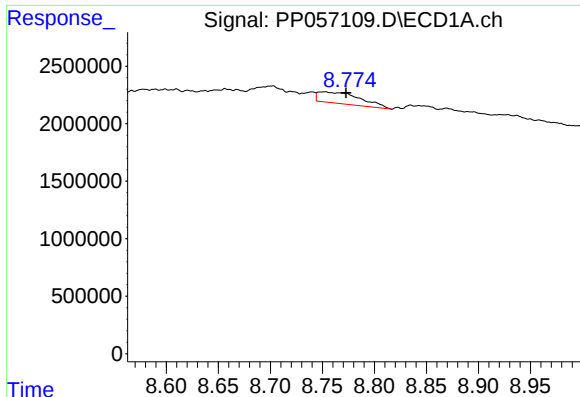
#38 AR-1262-3

R.T.: 8.701 min
Delta R.T.: 0.018 min
Response: 1963649
Conc: 18.30 ng/ml



#38 AR-1262-3

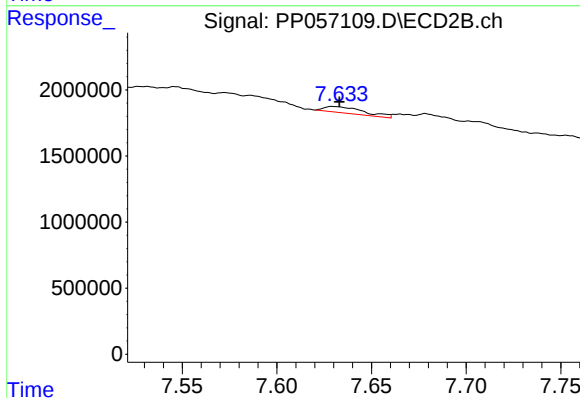
R.T.: 7.572 min
Delta R.T.: 0.004 min
Response: 1241503
Conc: 13.70 ng/ml



#39 AR-1262-4

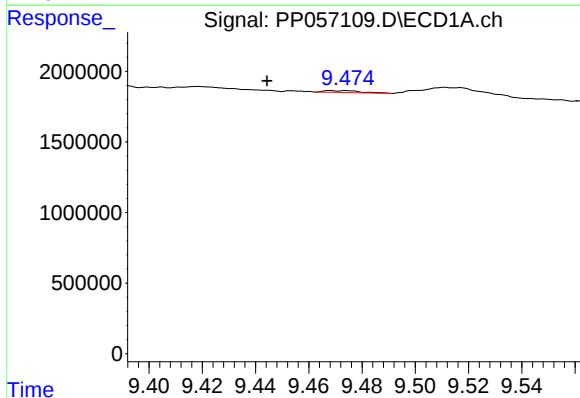
R.T.: 8.752 min
Delta R.T.: -0.020 min
Response: 2757079
Conc: 32.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



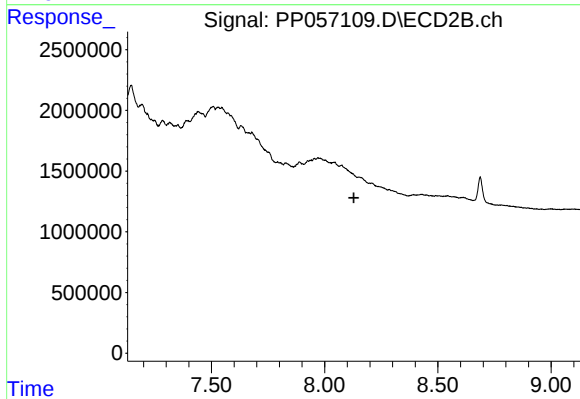
#39 AR-1262-4

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 703663
Conc: 4.48 ng/ml



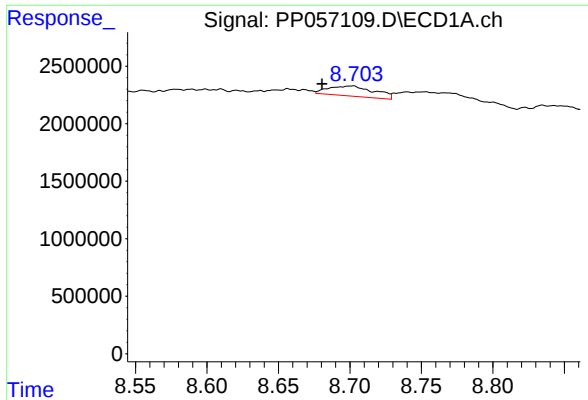
#40 AR-1262-5

R.T.: 9.468 min
Delta R.T.: 0.024 min
Response: 131240
Conc: 2.74 ng/ml



#40 AR-1262-5

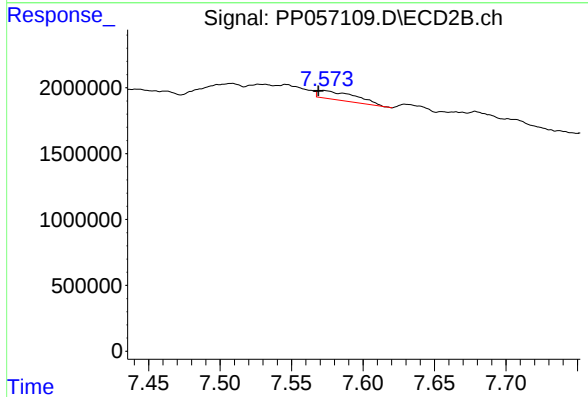
R.T.: 0.000 min
Exp R.T.: 8.129 min
Response: 0
Conc: N.D.



#41 AR-1268-1

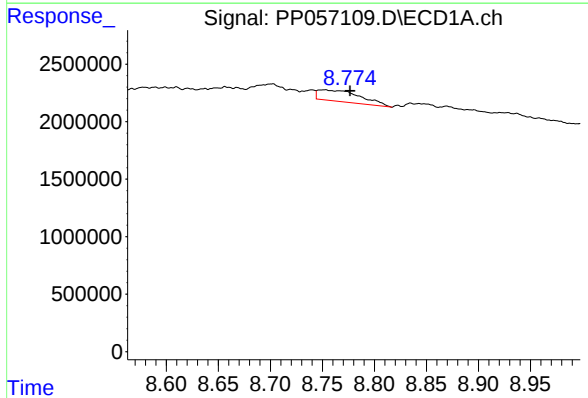
R.T.: 8.701 min
Delta R.T.: 0.021 min
Response: 1963649
Conc: 9.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



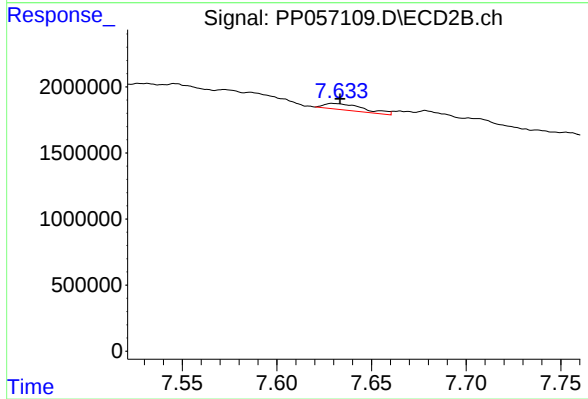
#41 AR-1268-1

R.T.: 7.572 min
Delta R.T.: 0.003 min
Response: 1241503
Conc: 4.47 ng/ml



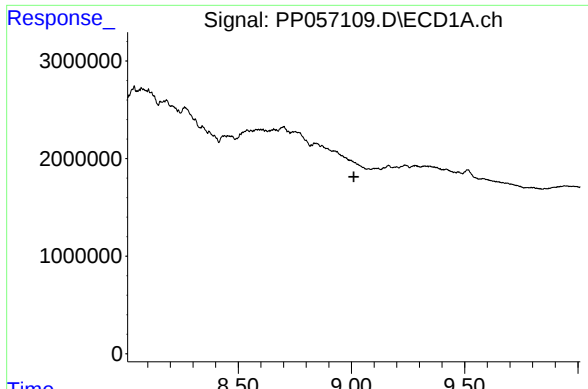
#42 AR-1268-2

R.T.: 8.752 min
Delta R.T.: -0.024 min
Response: 2757079
Conc: 15.39 ng/ml



#42 AR-1268-2

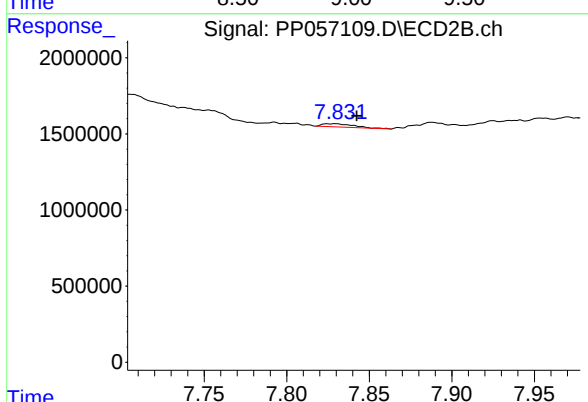
R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 703663
Conc: 2.82 ng/ml



#43 AR-1268-3

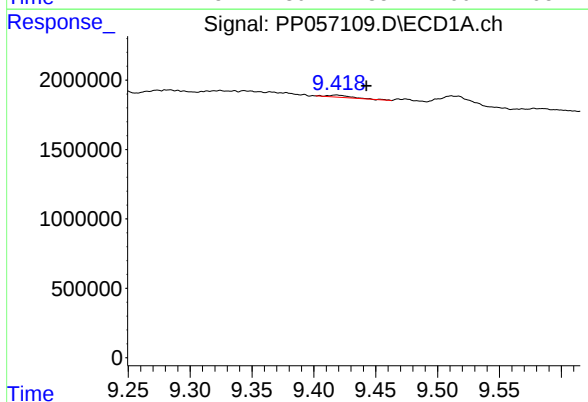
R.T.: 0.000 min
Exp R.T.: 9.011 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



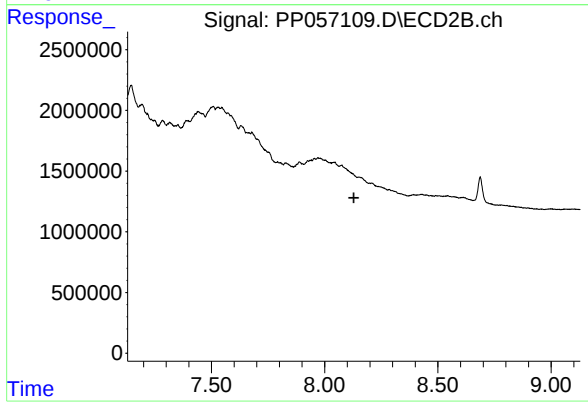
#43 AR-1268-3

R.T.: 7.830 min
Delta R.T.: -0.013 min
Response: 282724
Conc: 1.28 ng/ml



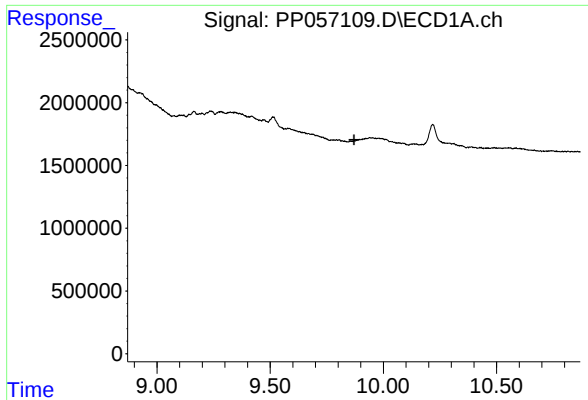
#44 AR-1268-4

R.T.: 9.418 min
Delta R.T.: -0.024 min
Response: 211088
Conc: 3.72 ng/ml



#44 AR-1268-4

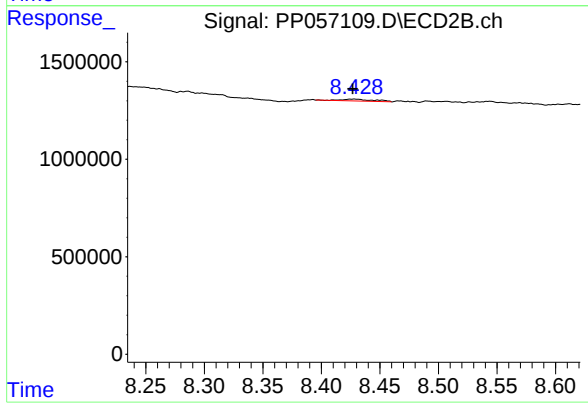
R.T.: 0.000 min
Exp R.T.: 8.129 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.852 min
Delta R.T.: -0.018 min
Response: -15495
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.002 min
Response: 183348
Conc: 0.31 ng/ml