

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092223\
 Data File : PP060178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2023 01:18
 Operator : YP\AJ
 Sample : 04563-02 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:52:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.517	3.660	28366863	31347624	13.636	19.245 #
2) SA Decachlor...	10.426	8.722	-257249	57380978	N.D.	37.896
Target Compounds						
3) L1 AR-1016-1	5.679f	4.767	3031256	2738343	44.924	45.551
4) L1 AR-1016-2	5.727	4.819f	1816606	2245876	18.990	27.058 #
5) L1 AR-1016-3	5.769f	4.967	142195	1487454	2.389	33.158 #
6) L1 AR-1016-4	0.000	5.012	0	2454554	N.D.	69.576 #
7) L1 AR-1016-5	6.213f	5.228	2556159	4733406	51.988	101.801 #
8) L2 AR-1221-1	4.710	3.902	4940989	372386	185.869	16.954 #
9) L2 AR-1221-2	4.793f	3.992f	2461098	1253982	125.036	81.222 #
10) L2 AR-1221-3	4.907f	4.067	1201148	1075377	21.029	22.928
11) L3 AR-1232-1	4.865f	4.067	4374228	1075377	93.757	28.289 #
12) L3 AR-1232-2	5.434	4.819f	1863753	2245876	73.380	60.908
13) L3 AR-1232-3	5.727	4.967	1816606	1487454	42.048	74.285 #
14) L3 AR-1232-4	0.000	5.076f	0	5359076	N.D.	293.382 #
15) L3 AR-1232-5	5.974	5.228	7372404	4733406	401.867	236.089 #
16) L4 AR-1242-1	5.679f	4.767	3031256	2738343	50.753	51.999
17) L4 AR-1242-2	5.727	4.819f	1816606	2245876	21.617	31.168 #
18) L4 AR-1242-3	5.769f	4.967	142195	1487454	2.719	38.010 #
19) L4 AR-1242-4	0.000	5.076f	0	5359076	N.D.	136.748 #
20) L4 AR-1242-5	0.000	5.581	0	242464	N.D.	5.012 #
21) L5 AR-1248-1	5.679f	4.767	3031256	2738343	67.818	70.083
22) L5 AR-1248-2	5.974	5.012	7372404	2454554	113.835	45.301 #
23) L5 AR-1248-3	0.000	5.076f	0	5359076	N.D.	94.185 #
24) L5 AR-1248-4	6.601	5.228	7445476	4733406	96.264	70.476 #
25) L5 AR-1248-5	0.000	5.638	0	382128	N.D.	5.793 #
26) L6 AR-1254-1	6.544f	5.581	6039210	242464	75.645	2.416 #
27) L6 AR-1254-2	6.806f	5.747	2660968	358367	22.217	4.125 #
28) L6 AR-1254-3	7.177f	6.135	1642829	671303	13.523	4.781 #
29) L6 AR-1254-4	7.436	6.362	1374644	1807535	15.457	21.473 #
30) L6 AR-1254-5	7.875	6.782	3040957	3928024	31.261	33.115
31) L7 AR-1260-1	7.334	6.299f	2623785	1325328	29.108	14.233 #
32) L7 AR-1260-2	7.573	6.457	6380214	1259497	62.193	11.488 #
33) L7 AR-1260-3	7.946	6.608	1439968	10186680	18.283	99.040 #
34) L7 AR-1260-4	8.164	7.078	3999545	2282710	44.628	27.409 #
35) L7 AR-1260-5	0.000	7.327	0	4604743	N.D.	23.933 #
36) L8 AR-1262-1	7.946	6.886	1439968	503596	12.442	9.977
37) L8 AR-1262-2	0.000	7.078f	0	2282710	N.D.	20.206 #
38) L8 AR-1262-3	8.850	7.643f	1432699	1942856	9.949	22.165 #
39) L8 AR-1262-4	8.963f	7.681	915208	293626	8.060	1.798 #
40) L8 AR-1262-5	0.000	8.181	0	2787766	N.D.	37.348 #
41) L9 AR-1268-1	8.850	7.643f	1432699	1942856	5.713	7.462 #

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 Quant Time: Sep 23 01:52:33 2023
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 Response via : Initial Calibration
 Integrator: ChemStation

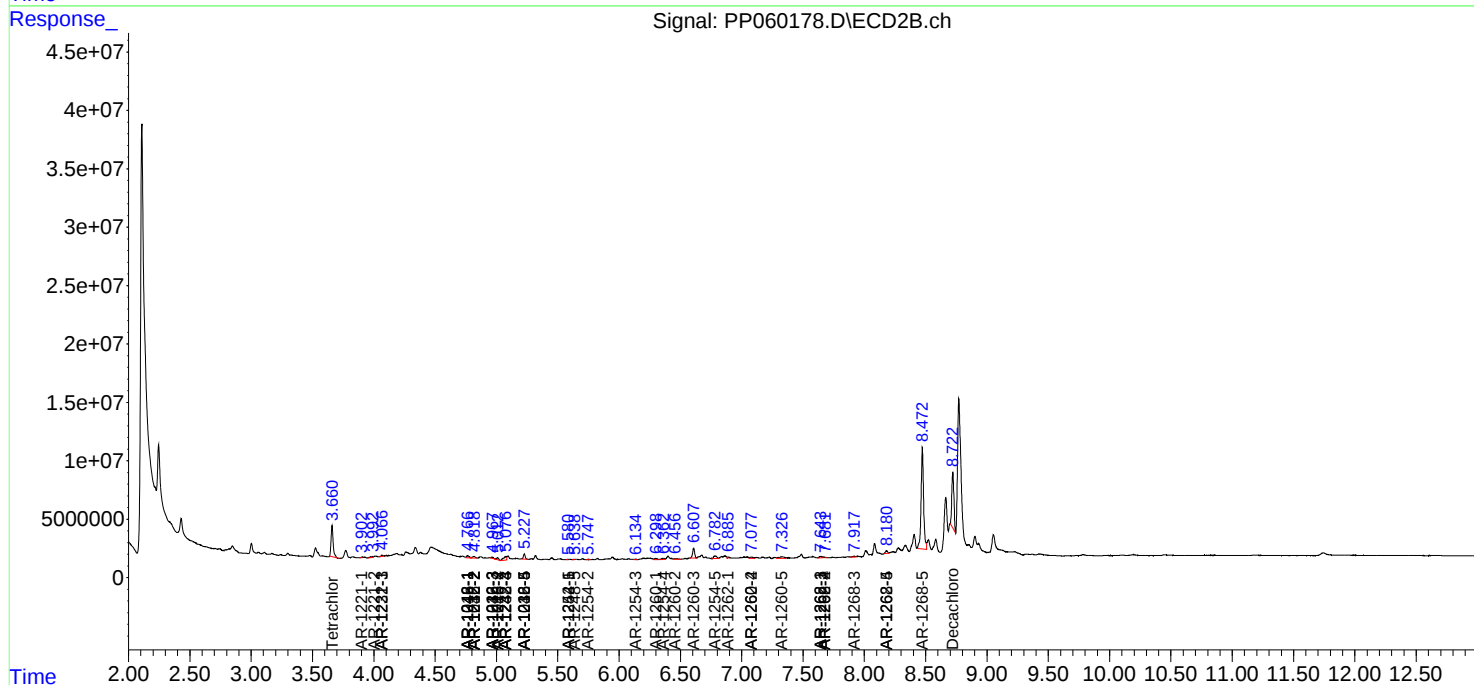
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

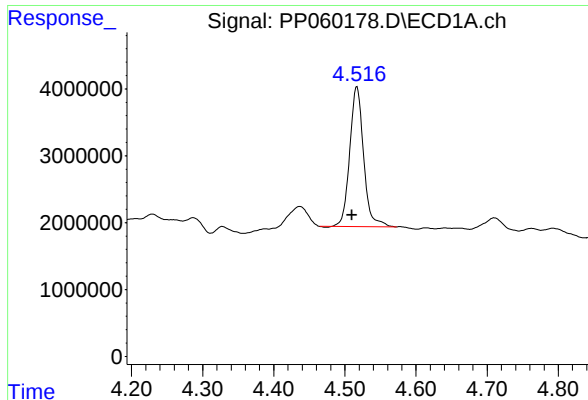
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.963f	7.681	915208	293626	3.988	1.270 #
43) L9	AR-1268-3	0.000	7.918f	0	1359653	N.D.	6.660 #
44) L9	AR-1268-4	0.000	8.181	0	2787766	N.D.	34.526 #
45) L9	AR-1268-5	10.056	8.473f	484607	124.9E6	0.801	197.660 #

(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

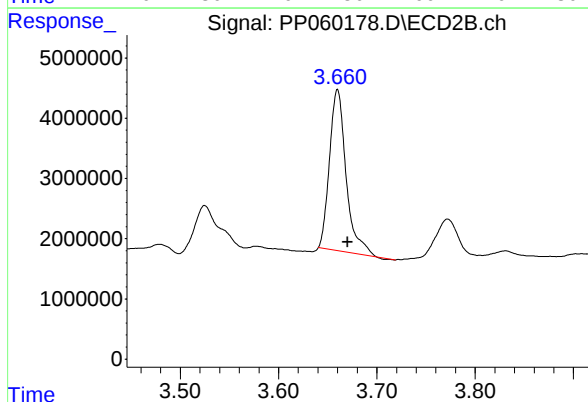




#1 Tetrachloro-m-xylene

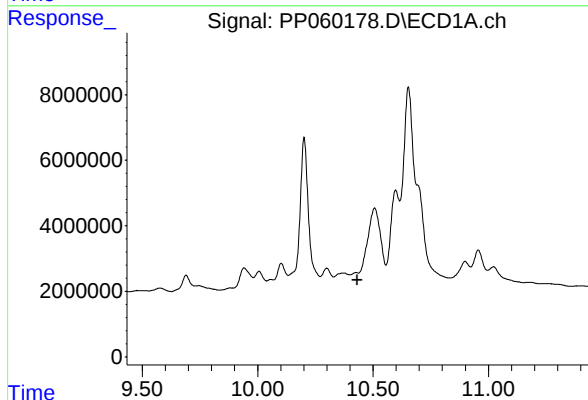
R.T.: 4.517 min
Delta R.T.: 0.007 min
Response: 28366863
Conc: 13.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



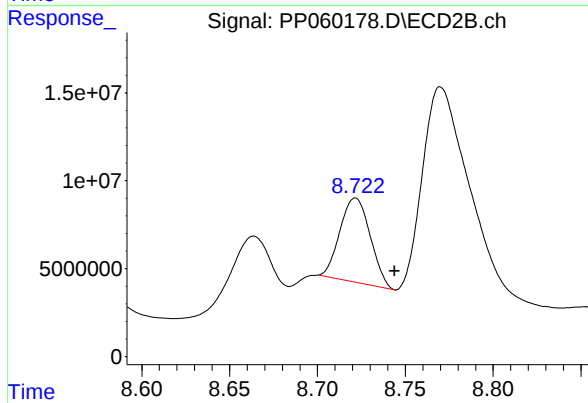
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.010 min
Response: 31347624
Conc: 19.24 ng/ml



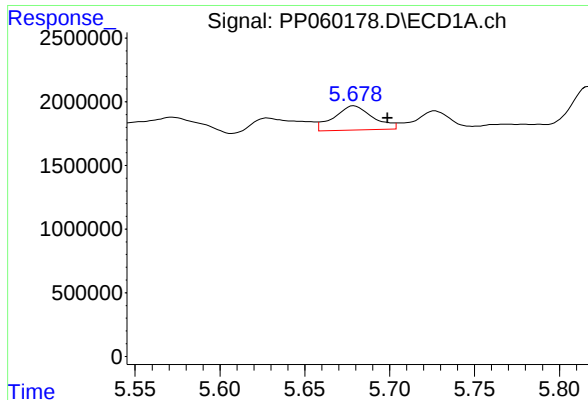
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: -257249
Conc: N.D.



#2 Decachlorobiphenyl

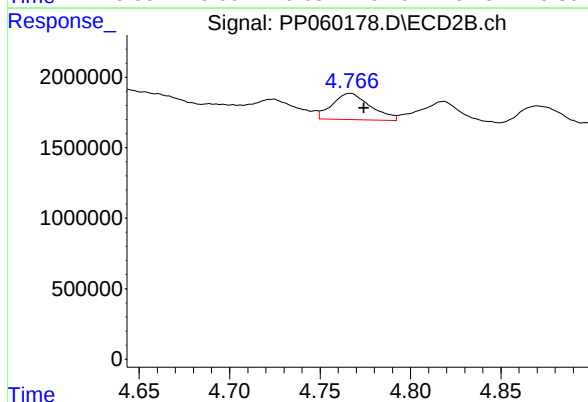
R.T.: 8.722 min
Delta R.T.: -0.022 min
Response: 57380978
Conc: 37.90 ng/ml



#3 AR-1016-1

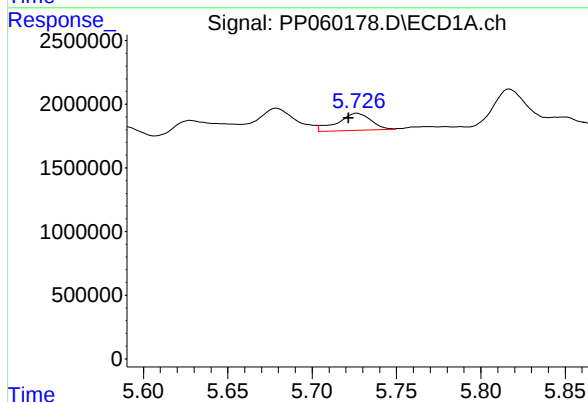
R.T.: 5.679 min
Delta R.T.: -0.020 min
Response: 3031256
Conc: 44.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



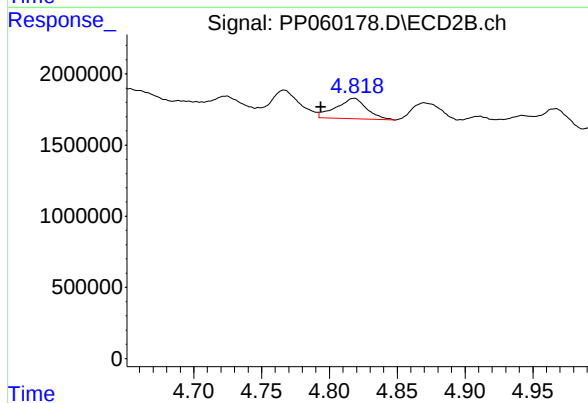
#3 AR-1016-1

R.T.: 4.767 min
Delta R.T.: -0.008 min
Response: 2738343
Conc: 45.55 ng/ml



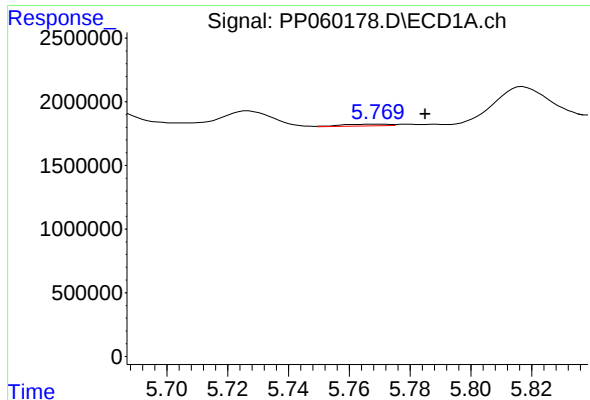
#4 AR-1016-2

R.T.: 5.727 min
Delta R.T.: 0.005 min
Response: 1816606
Conc: 18.99 ng/ml



#4 AR-1016-2

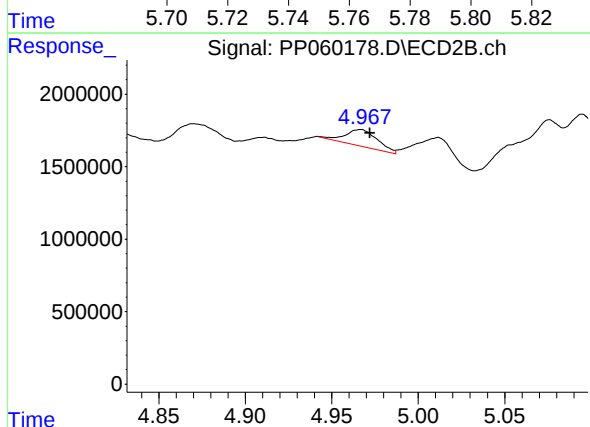
R.T.: 4.819 min
Delta R.T.: 0.025 min
Response: 2245876
Conc: 27.06 ng/ml



#5 AR-1016-3

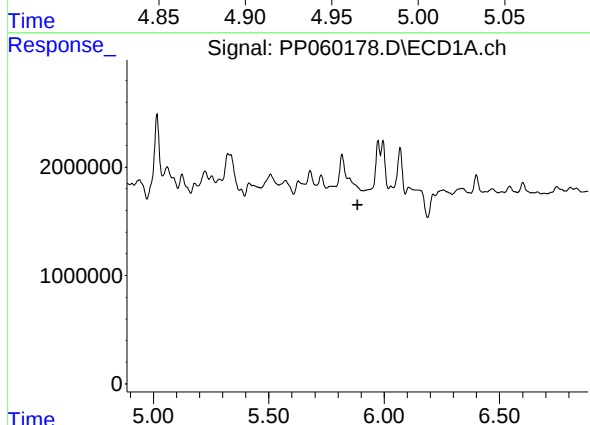
R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 142195
Conc: 2.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



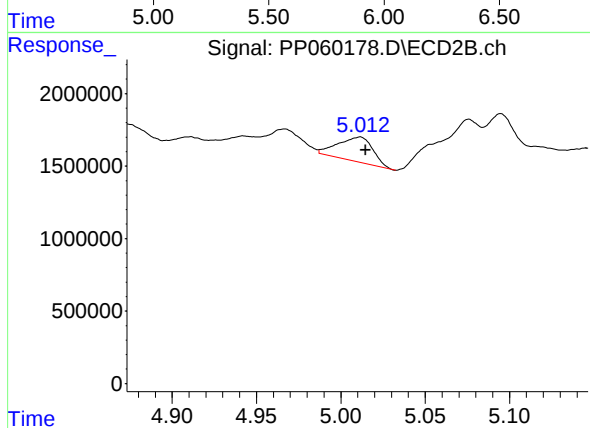
#5 AR-1016-3

R.T.: 4.967 min
Delta R.T.: -0.005 min
Response: 1487454
Conc: 33.16 ng/ml



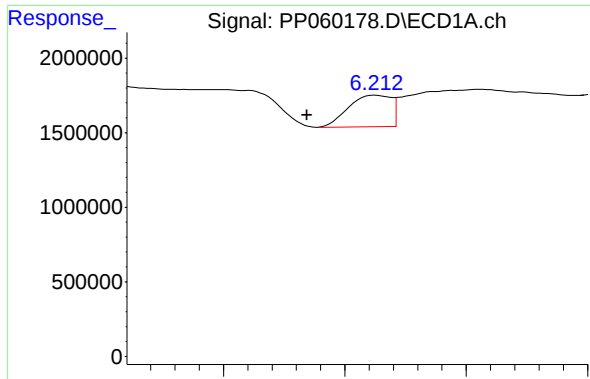
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

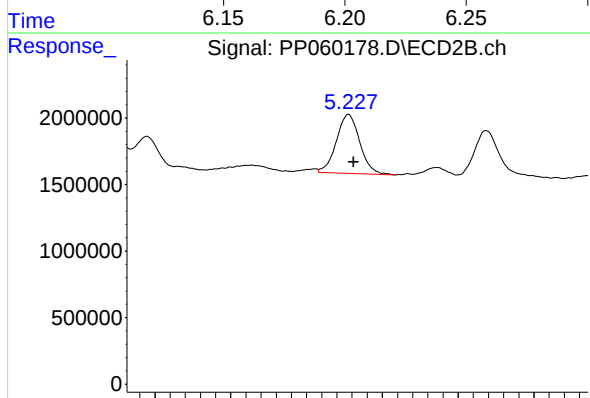
R.T.: 5.012 min
Delta R.T.: -0.003 min
Response: 2454554
Conc: 69.58 ng/ml



#7 AR-1016-5

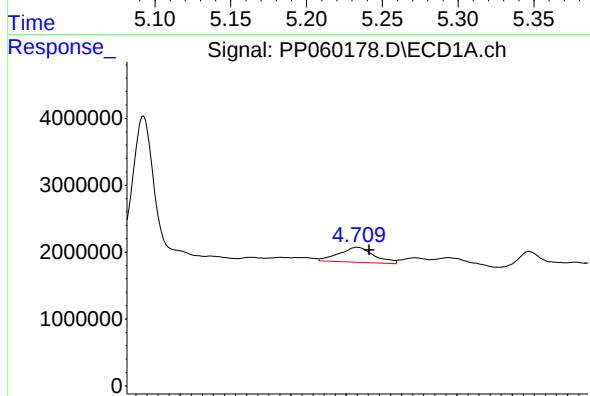
R.T.: 6.213 min
Delta R.T.: 0.028 min
Response: 2556159
Conc: 51.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



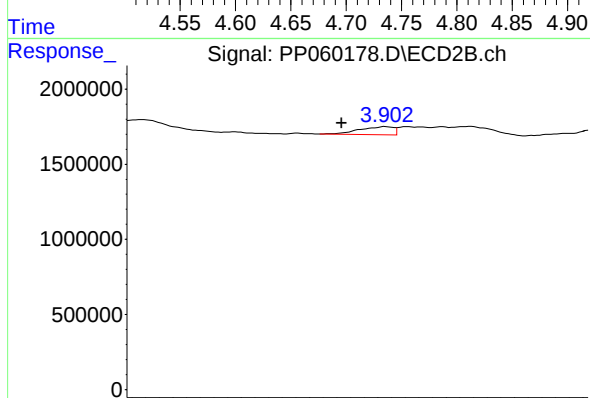
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 4733406
Conc: 101.80 ng/ml



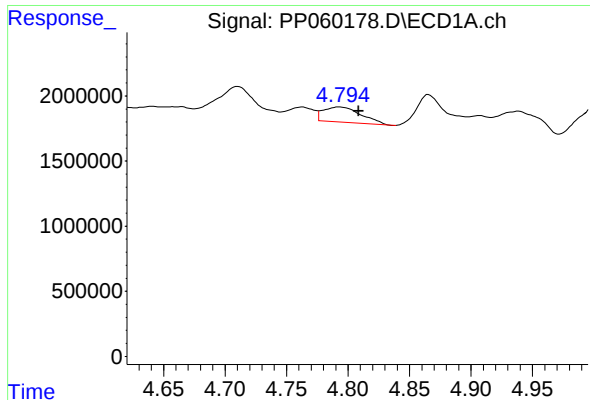
#8 AR-1221-1

R.T.: 4.710 min
Delta R.T.: -0.011 min
Response: 4940989
Conc: 185.87 ng/ml



#8 AR-1221-1

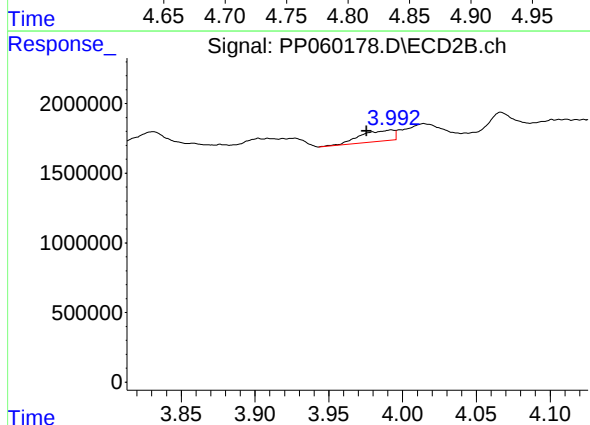
R.T.: 3.902 min
Delta R.T.: 0.013 min
Response: 372386
Conc: 16.95 ng/ml



#9 AR-1221-2

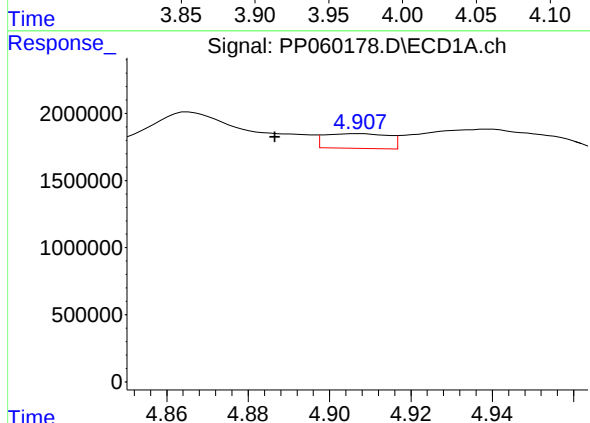
R.T.: 4.793 min
Delta R.T.: -0.016 min
Response: 2461098
Conc: 125.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



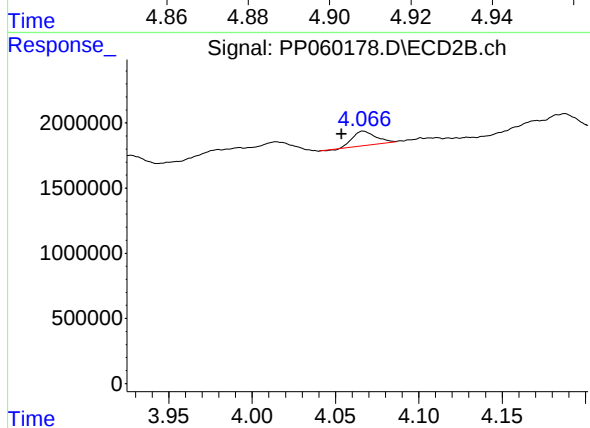
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: 0.017 min
Response: 1253982
Conc: 81.22 ng/ml



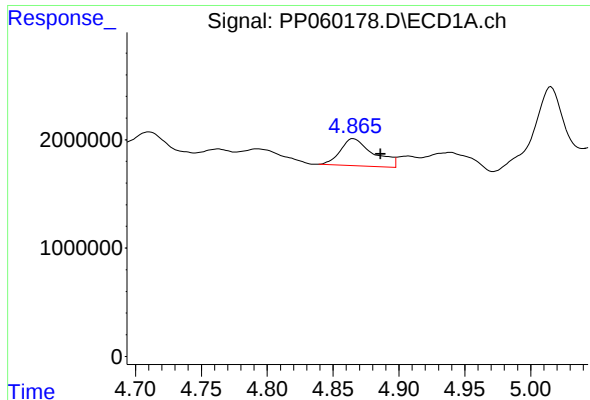
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: 0.021 min
Response: 1201148
Conc: 21.03 ng/ml



#10 AR-1221-3

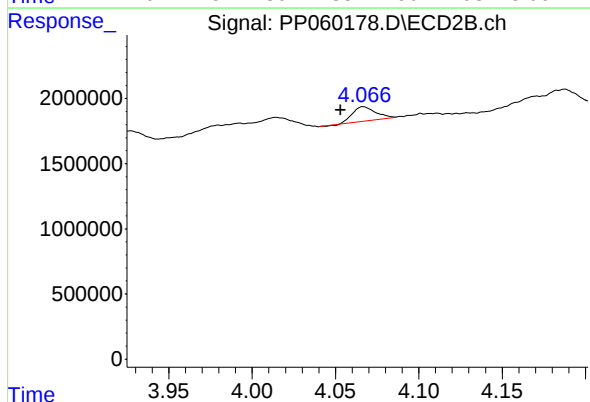
R.T.: 4.067 min
Delta R.T.: 0.013 min
Response: 1075377
Conc: 22.93 ng/ml



#11 AR-1232-1

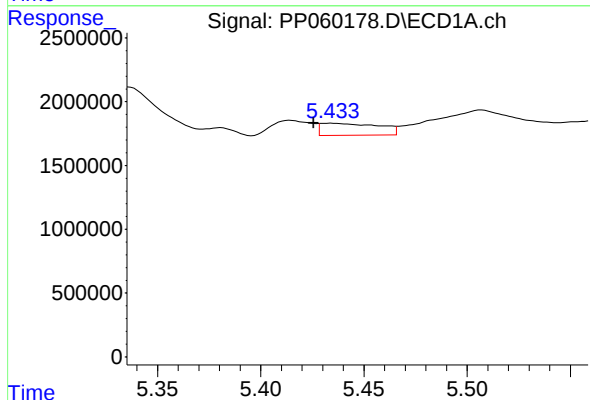
R.T.: 4.865 min
Delta R.T.: -0.020 min
Response: 4374228
Conc: 93.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



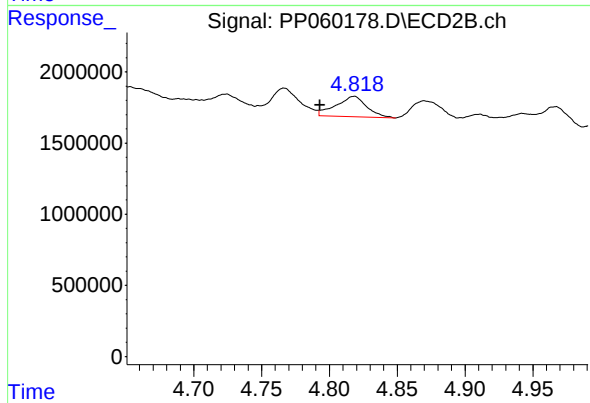
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.014 min
Response: 1075377
Conc: 28.29 ng/ml



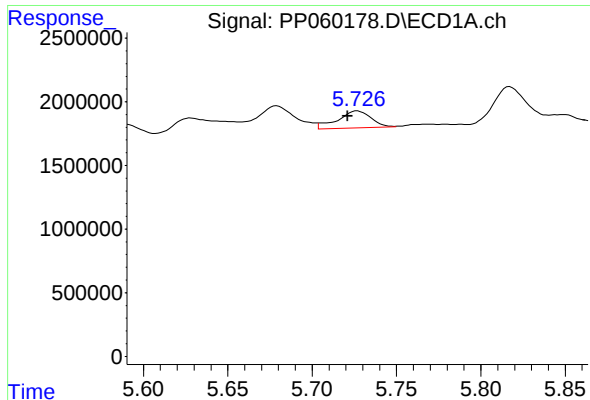
#12 AR-1232-2

R.T.: 5.434 min
Delta R.T.: 0.008 min
Response: 1863753
Conc: 73.38 ng/ml



#12 AR-1232-2

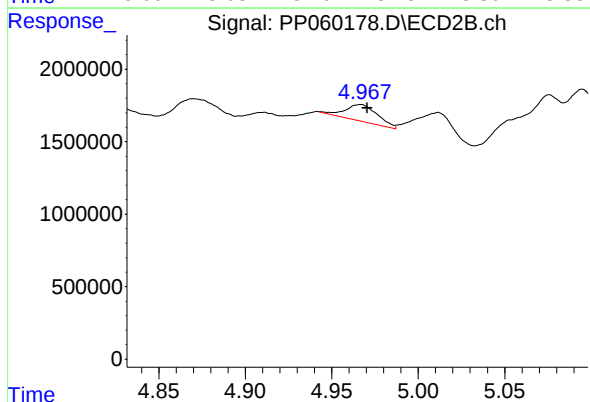
R.T.: 4.819 min
Delta R.T.: 0.026 min
Response: 2245876
Conc: 60.91 ng/ml



#13 AR-1232-3

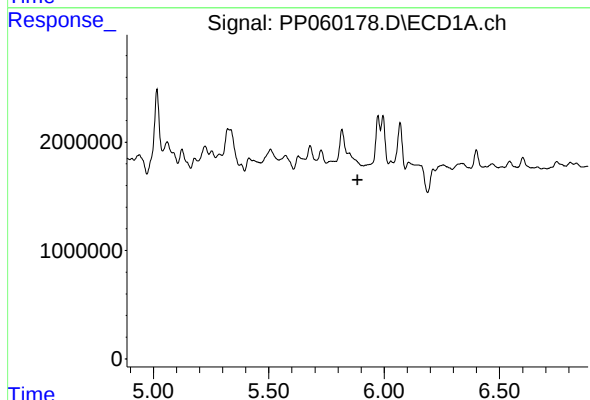
R.T.: 5.727 min
Delta R.T.: 0.006 min
Response: 1816606
Conc: 42.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



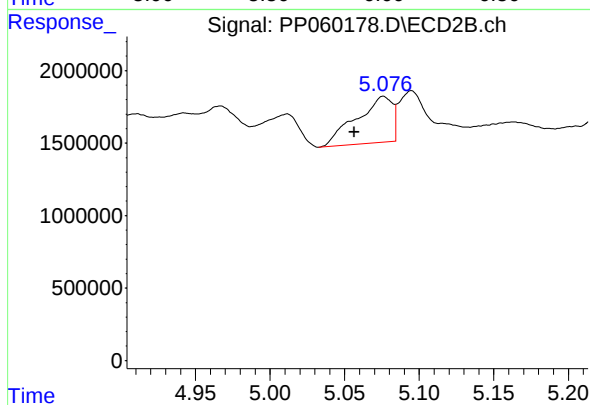
#13 AR-1232-3

R.T.: 4.967 min
Delta R.T.: -0.004 min
Response: 1487454
Conc: 74.29 ng/ml



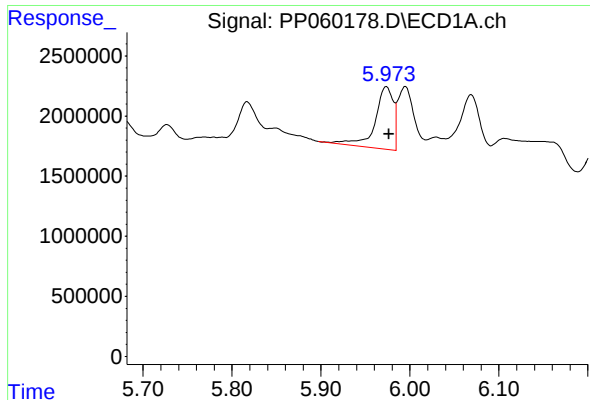
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

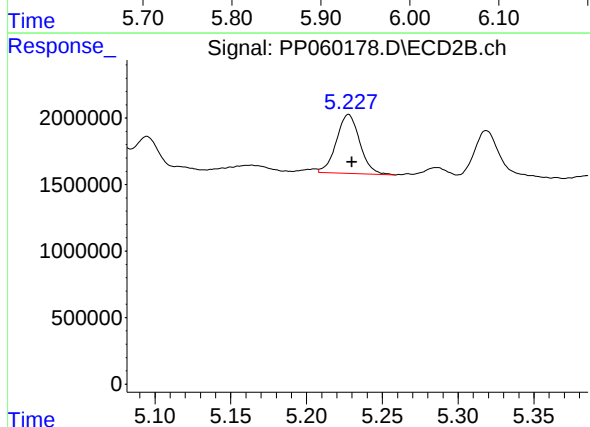
R.T.: 5.076 min
Delta R.T.: 0.019 min
Response: 5359076
Conc: 293.38 ng/ml



#15 AR-1232-5

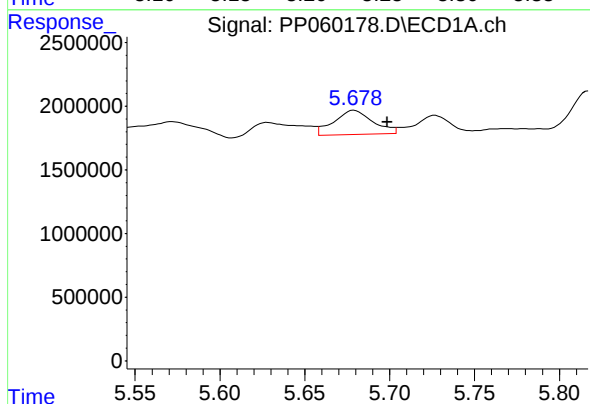
R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 7372404
Conc: 401.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



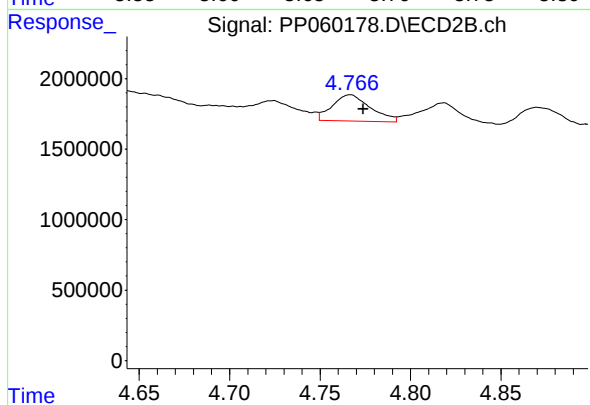
#15 AR-1232-5

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 4733406
Conc: 236.09 ng/ml



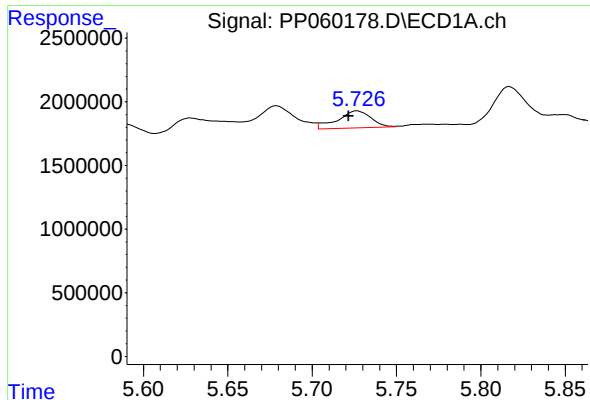
#16 AR-1242-1

R.T.: 5.679 min
Delta R.T.: -0.020 min
Response: 3031256
Conc: 50.75 ng/ml



#16 AR-1242-1

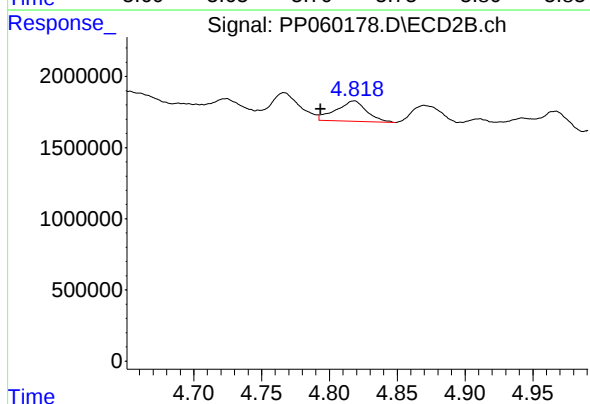
R.T.: 4.767 min
Delta R.T.: -0.007 min
Response: 2738343
Conc: 52.00 ng/ml



#17 AR-1242-2

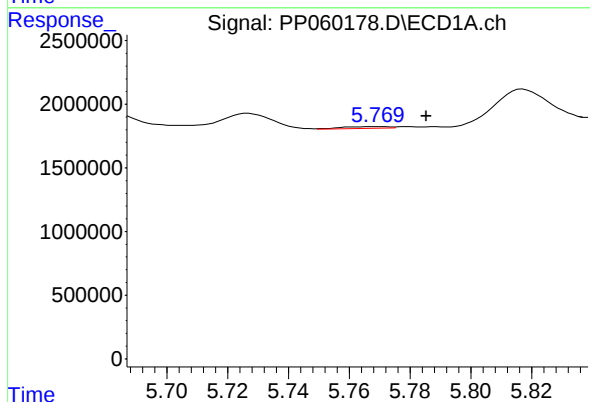
R.T.: 5.727 min
Delta R.T.: 0.005 min
Response: 1816606
Conc: 21.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



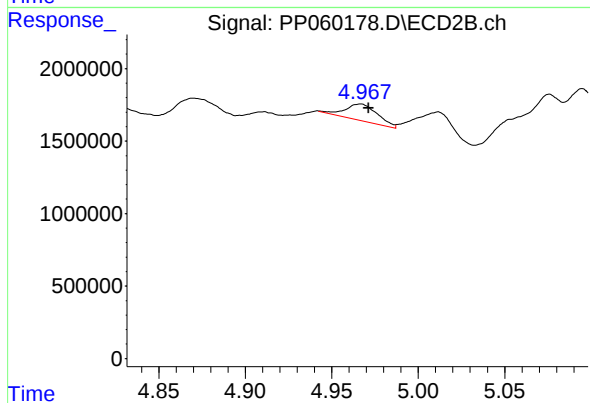
#17 AR-1242-2

R.T.: 4.819 min
Delta R.T.: 0.025 min
Response: 2245876
Conc: 31.17 ng/ml



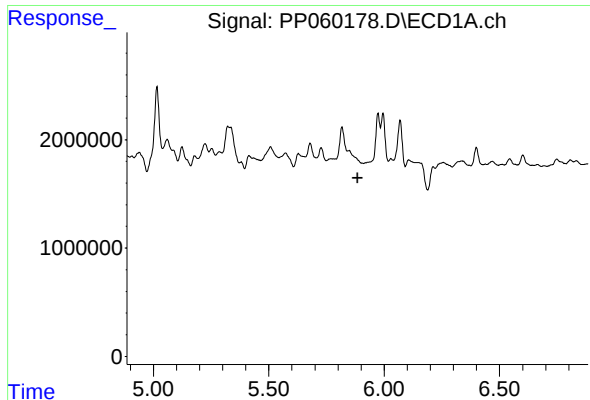
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 142195
Conc: 2.72 ng/ml



#18 AR-1242-3

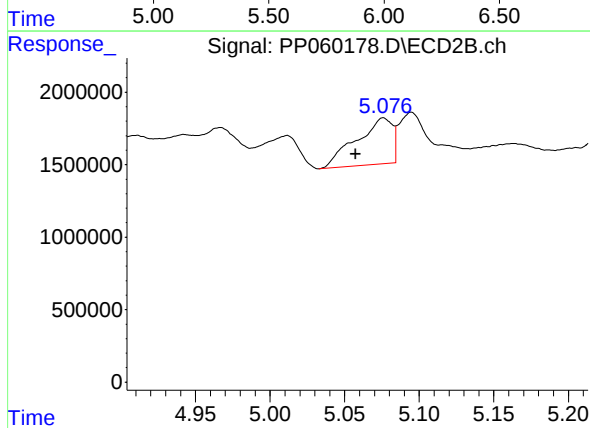
R.T.: 4.967 min
Delta R.T.: -0.004 min
Response: 1487454
Conc: 38.01 ng/ml



#19 AR-1242-4

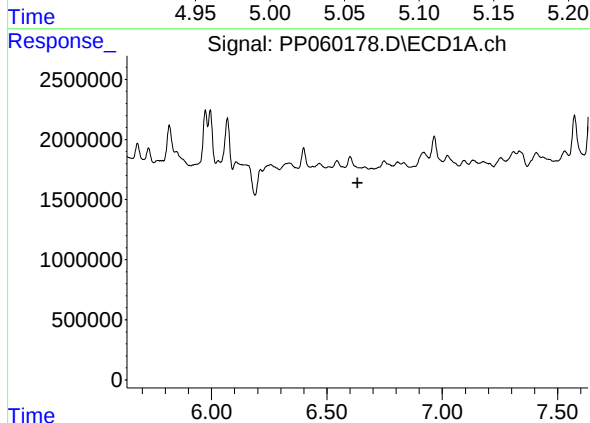
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



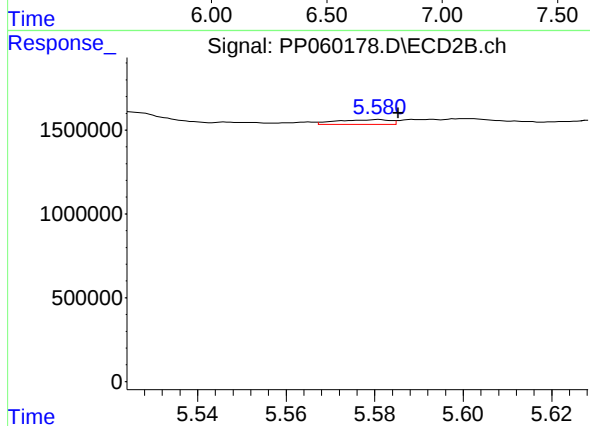
#19 AR-1242-4

R.T.: 5.076 min
Delta R.T.: 0.019 min
Response: 5359076
Conc: 136.75 ng/ml



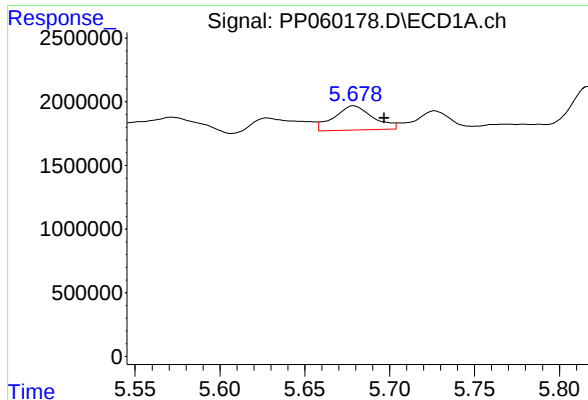
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.633 min
Response: 0
Conc: N.D.



#20 AR-1242-5

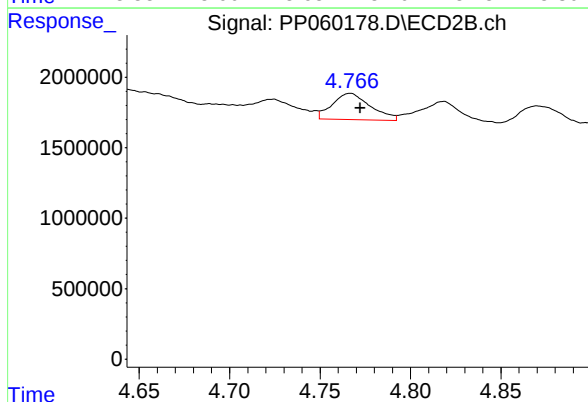
R.T.: 5.581 min
Delta R.T.: -0.005 min
Response: 242464
Conc: 5.01 ng/ml



#21 AR-1248-1

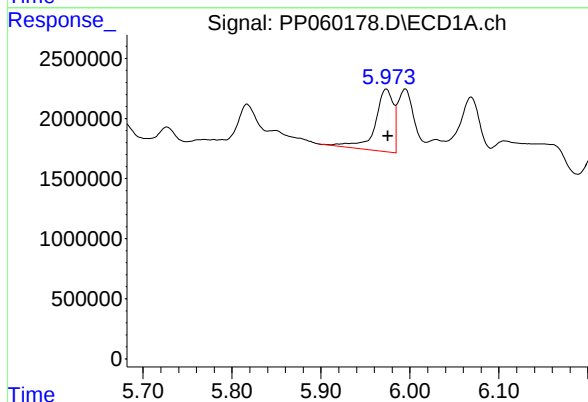
R.T.: 5.679 min
Delta R.T.: -0.018 min
Response: 3031256
Conc: 67.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



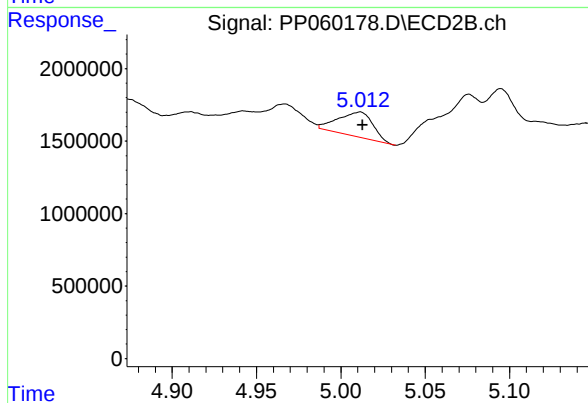
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: -0.005 min
Response: 2738343
Conc: 70.08 ng/ml



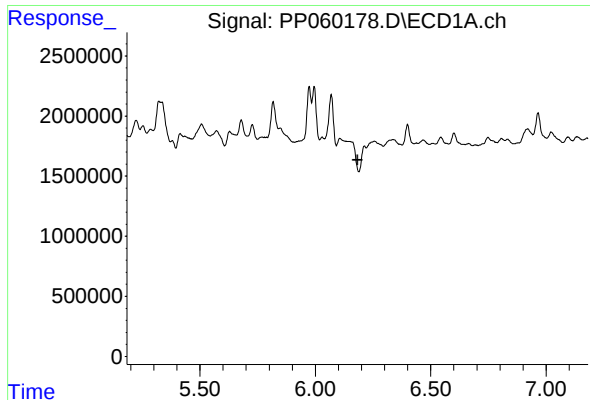
#22 AR-1248-2

R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 7372404
Conc: 113.84 ng/ml



#22 AR-1248-2

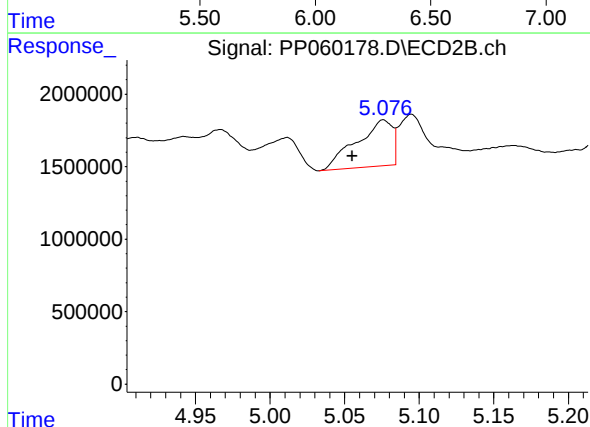
R.T.: 5.012 min
Delta R.T.: -0.001 min
Response: 2454554
Conc: 45.30 ng/ml



#23 AR-1248-3

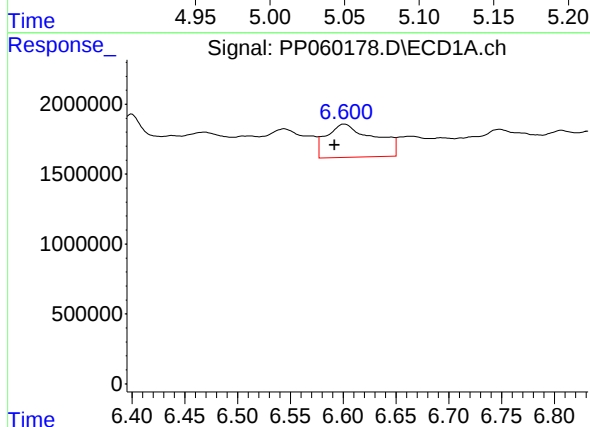
R.T.: 0.000 min
Exp R.T.: 6.183 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



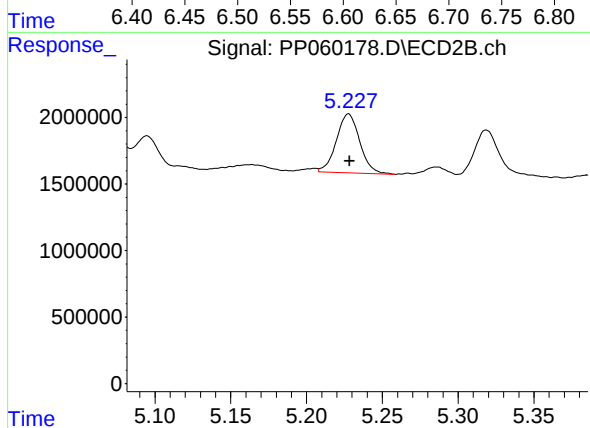
#23 AR-1248-3

R.T.: 5.076 min
Delta R.T.: 0.021 min
Response: 5359076
Conc: 94.18 ng/ml



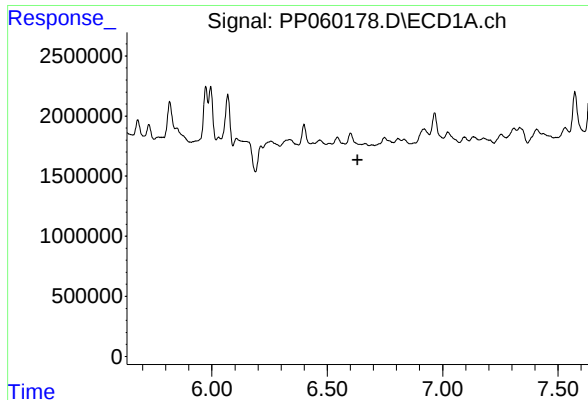
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.009 min
Response: 7445476
Conc: 96.26 ng/ml



#24 AR-1248-4

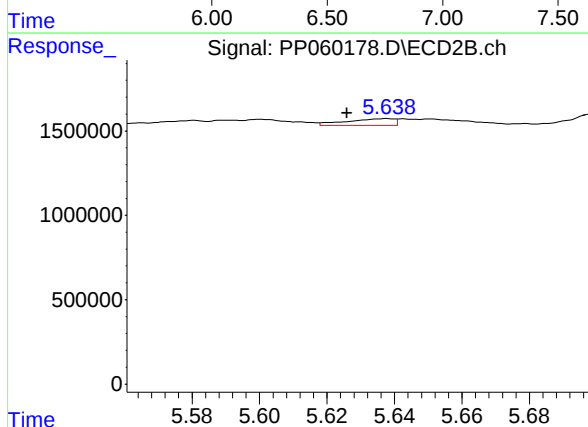
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 4733406
Conc: 70.48 ng/ml



#25 AR-1248-5

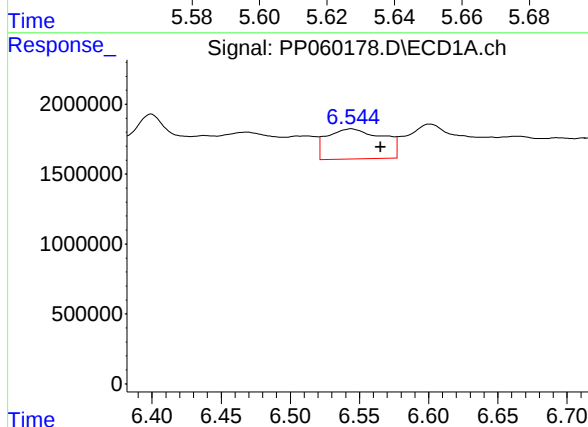
R.T.: 0.000 min
Exp R.T.: 6.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



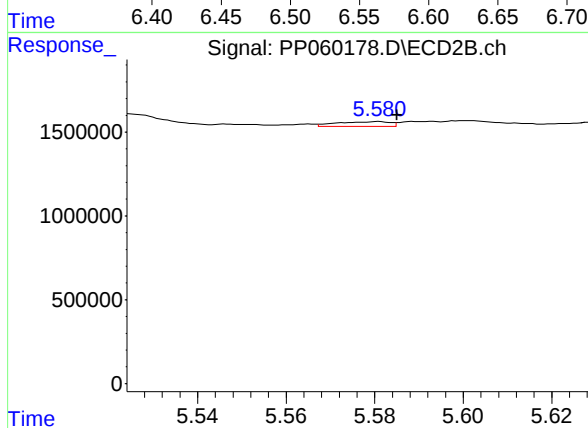
#25 AR-1248-5

R.T.: 5.638 min
Delta R.T.: 0.012 min
Response: 382128
Conc: 5.79 ng/ml



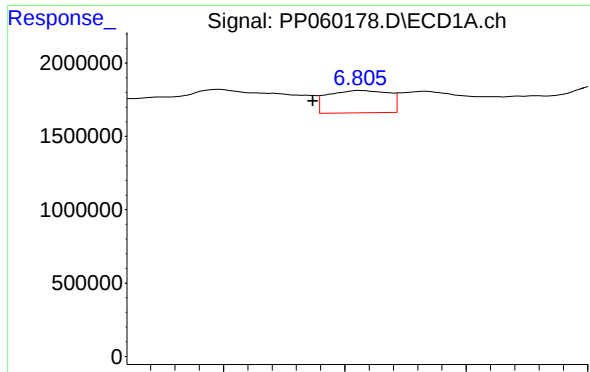
#26 AR-1254-1

R.T.: 6.544 min
Delta R.T.: -0.021 min
Response: 6039210
Conc: 75.64 ng/ml



#26 AR-1254-1

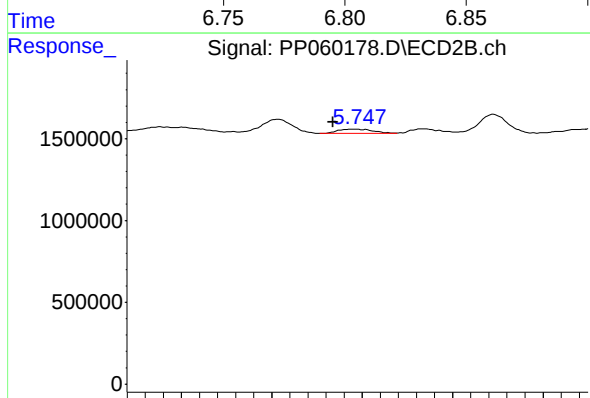
R.T.: 5.581 min
Delta R.T.: -0.004 min
Response: 242464
Conc: 2.42 ng/ml



#27 AR-1254-2

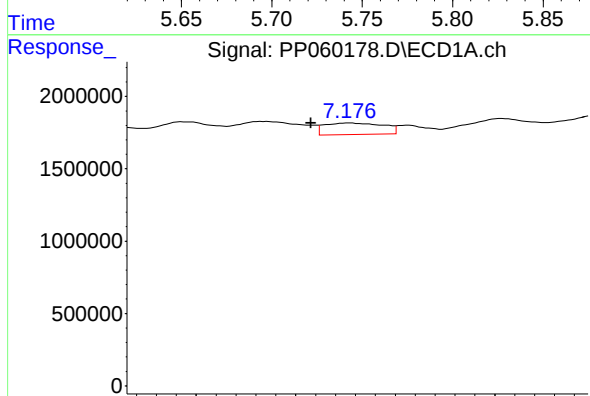
R.T.: 6.806 min
Delta R.T.: 0.020 min
Response: 2660968
Conc: 22.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



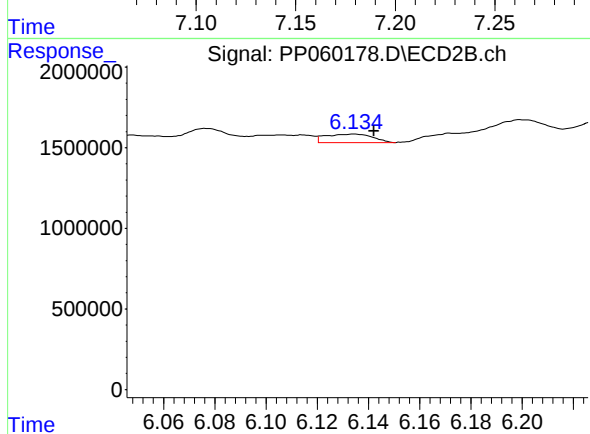
#27 AR-1254-2

R.T.: 5.747 min
Delta R.T.: 0.013 min
Response: 358367
Conc: 4.13 ng/ml



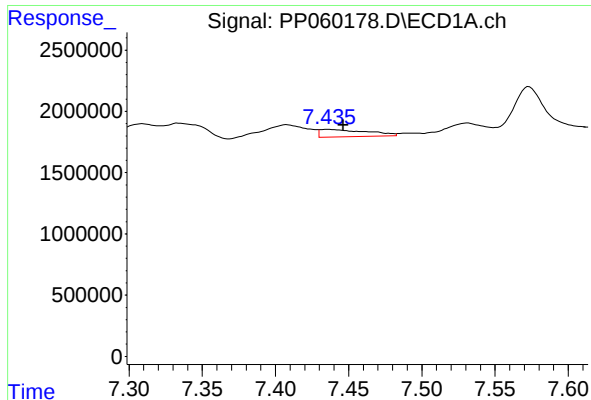
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.019 min
Response: 1642829
Conc: 13.52 ng/ml



#28 AR-1254-3

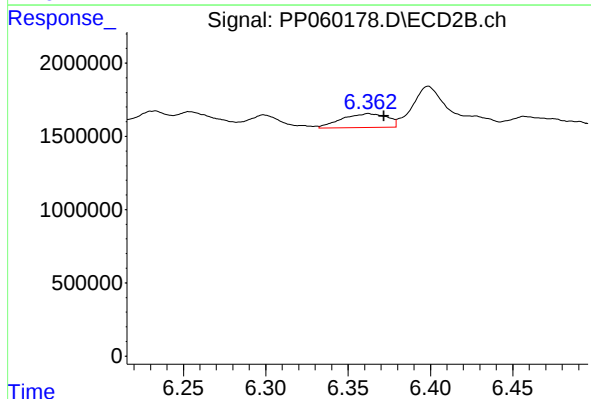
R.T.: 6.135 min
Delta R.T.: -0.008 min
Response: 671303
Conc: 4.78 ng/ml



#29 AR-1254-4

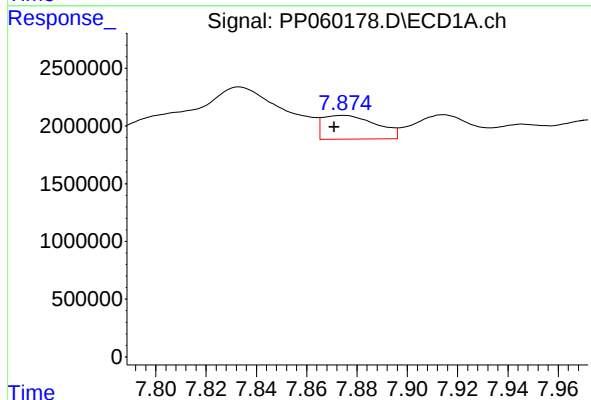
R.T.: 7.436 min
Delta R.T.: -0.011 min
Response: 1374644
Conc: 15.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



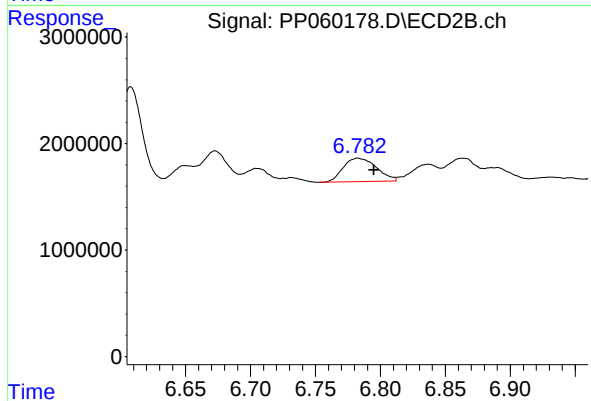
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.010 min
Response: 1807535
Conc: 21.47 ng/ml



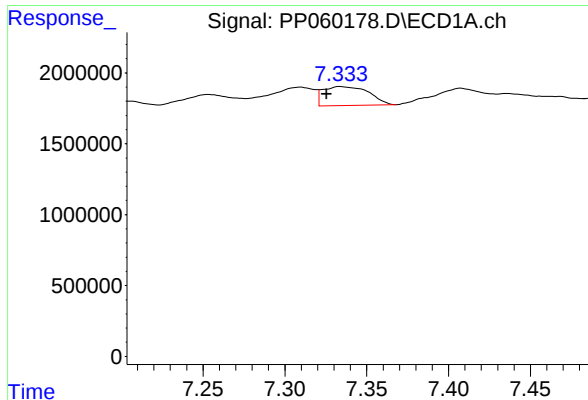
#30 AR-1254-5

R.T.: 7.875 min
Delta R.T.: 0.004 min
Response: 3040957
Conc: 31.26 ng/ml



#30 AR-1254-5

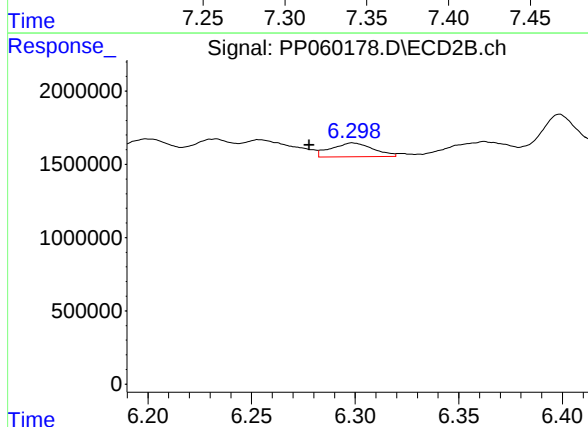
R.T.: 6.782 min
Delta R.T.: -0.013 min
Response: 3928024
Conc: 33.12 ng/ml



#31 AR-1260-1

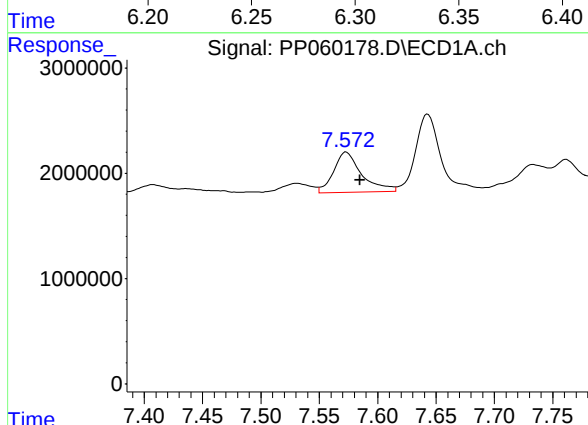
R.T.: 7.334 min
Delta R.T.: 0.008 min
Response: 2623785
Conc: 29.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



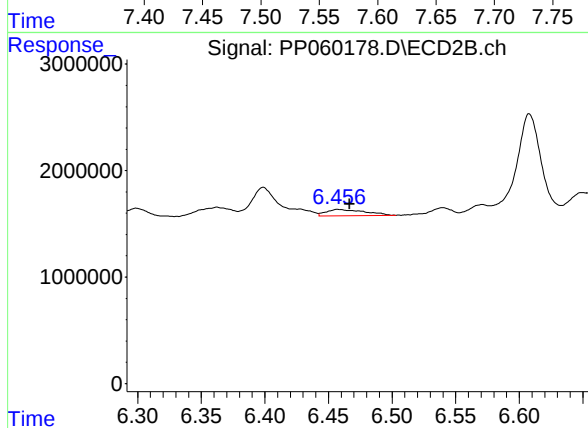
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: 0.021 min
Response: 1325328
Conc: 14.23 ng/ml



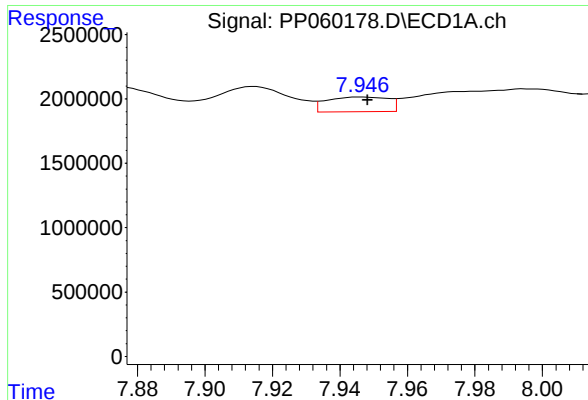
#32 AR-1260-2

R.T.: 7.573 min
Delta R.T.: -0.012 min
Response: 6380214
Conc: 62.19 ng/ml



#32 AR-1260-2

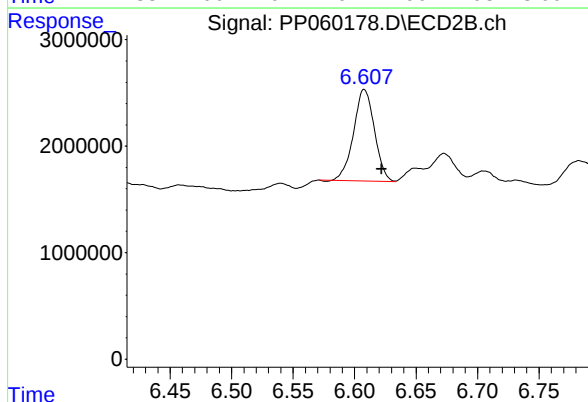
R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 1259497
Conc: 11.49 ng/ml



#33 AR-1260-3

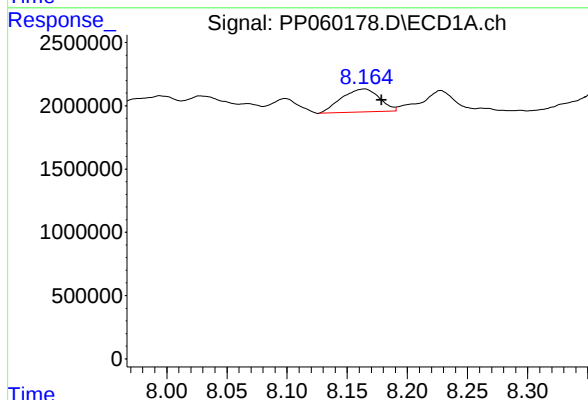
R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 1439968
Conc: 18.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



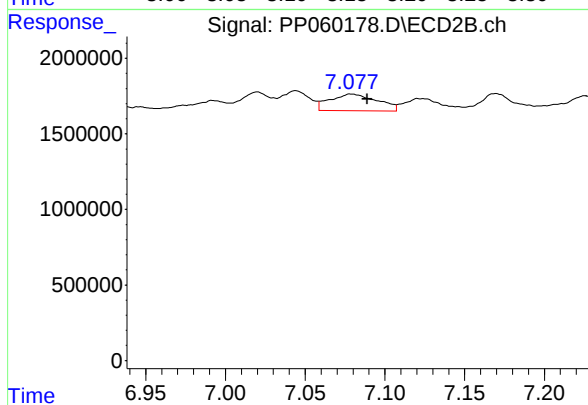
#33 AR-1260-3

R.T.: 6.608 min
Delta R.T.: -0.014 min
Response: 10186680
Conc: 99.04 ng/ml



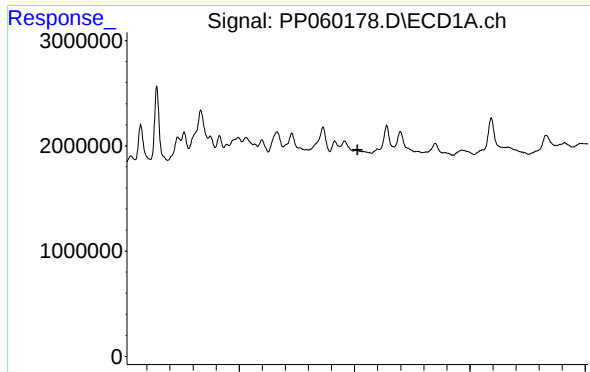
#34 AR-1260-4

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 3999545
Conc: 44.63 ng/ml



#34 AR-1260-4

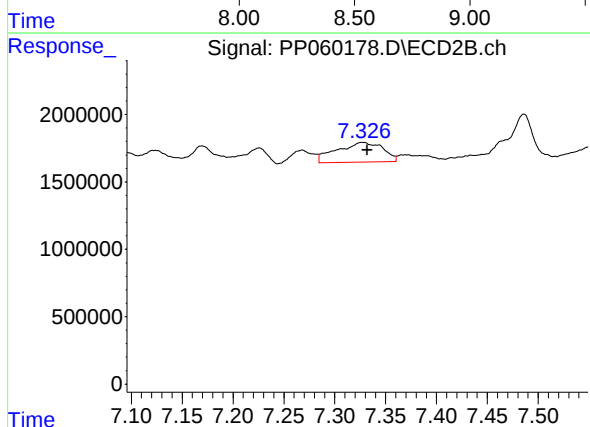
R.T.: 7.078 min
Delta R.T.: -0.011 min
Response: 2282710
Conc: 27.41 ng/ml



#35 AR-1260-5

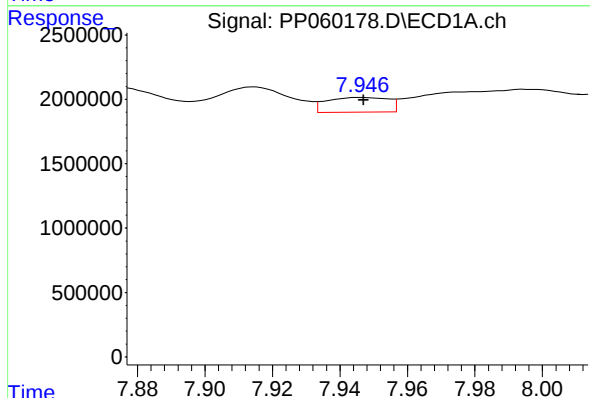
R.T.: 0.000 min
Exp R.T.: 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



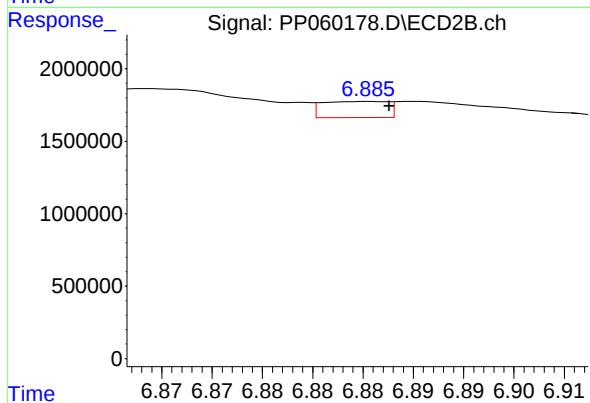
#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 4604743
Conc: 23.93 ng/ml



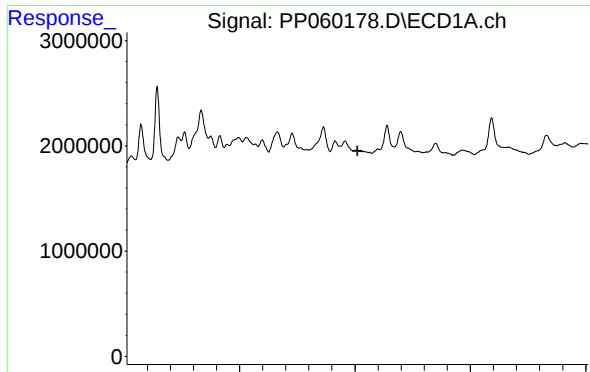
#36 AR-1262-1

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 1439968
Conc: 12.44 ng/ml



#36 AR-1262-1

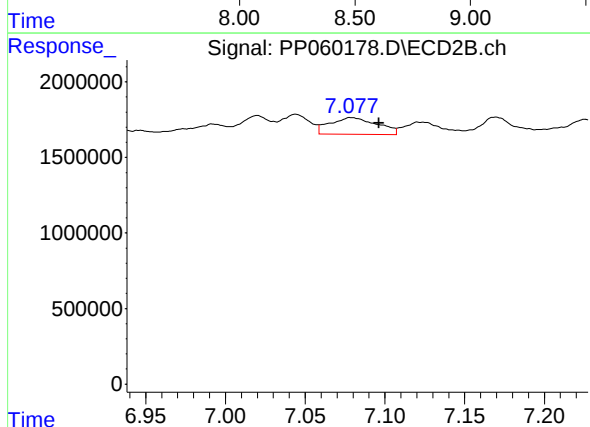
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 503596
Conc: 9.98 ng/ml



#37 AR-1262-2

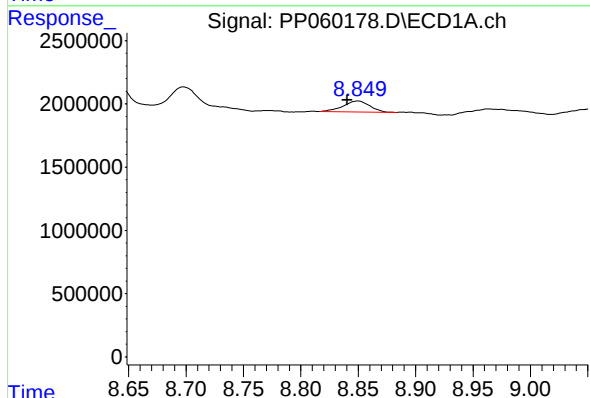
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



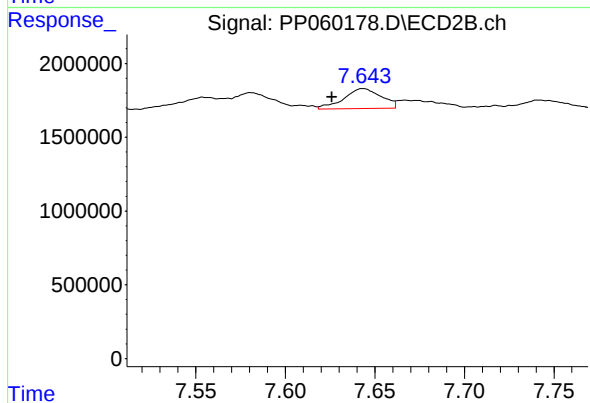
#37 AR-1262-2

R.T.: 7.078 min
Delta R.T.: -0.018 min
Response: 2282710
Conc: 20.21 ng/ml



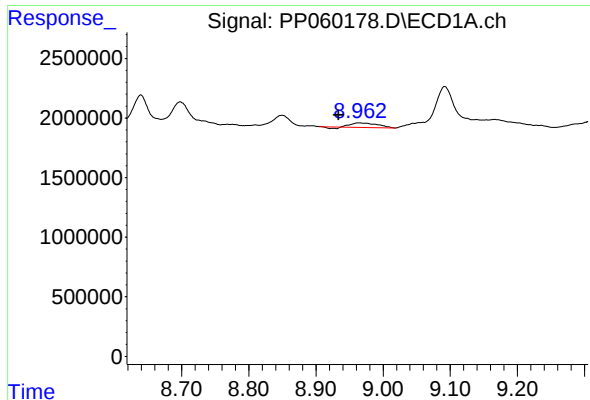
#38 AR-1262-3

R.T.: 8.850 min
Delta R.T.: 0.009 min
Response: 1432699
Conc: 9.95 ng/ml



#38 AR-1262-3

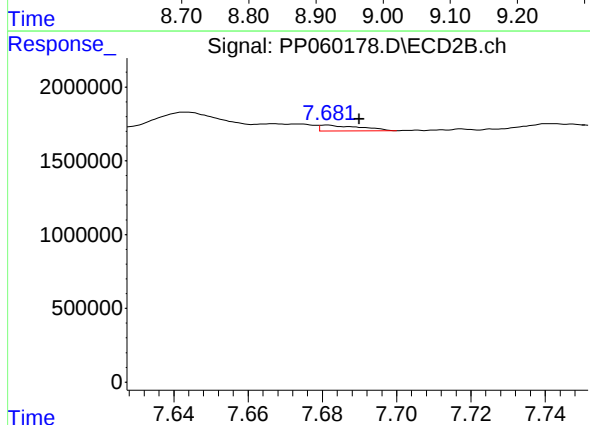
R.T.: 7.643 min
Delta R.T.: 0.017 min
Response: 1942856
Conc: 22.17 ng/ml



#39 AR-1262-4

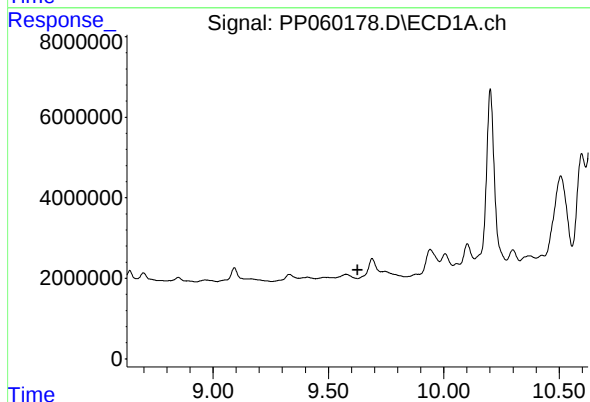
R.T.: 8.963 min
Delta R.T.: 0.029 min
Response: 915208
Conc: 8.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



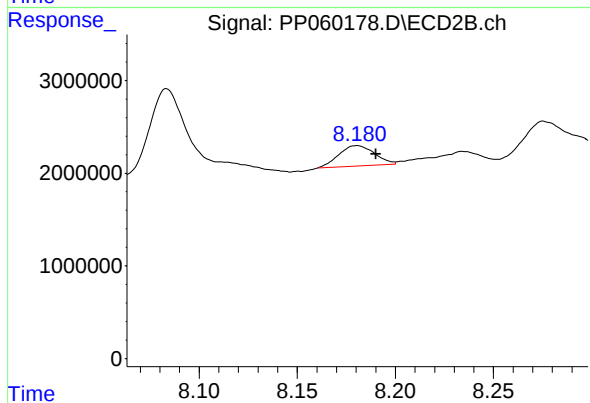
#39 AR-1262-4

R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 293626
Conc: 1.80 ng/ml



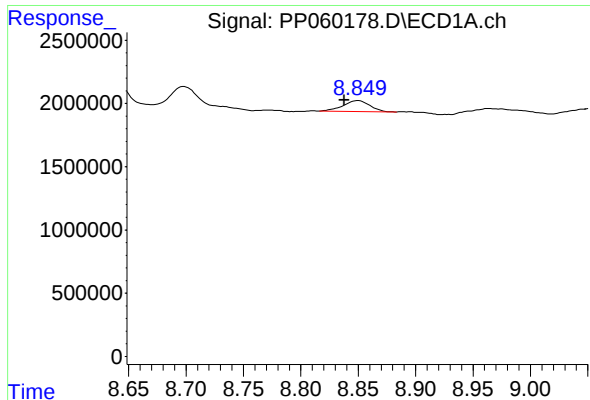
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.



#40 AR-1262-5

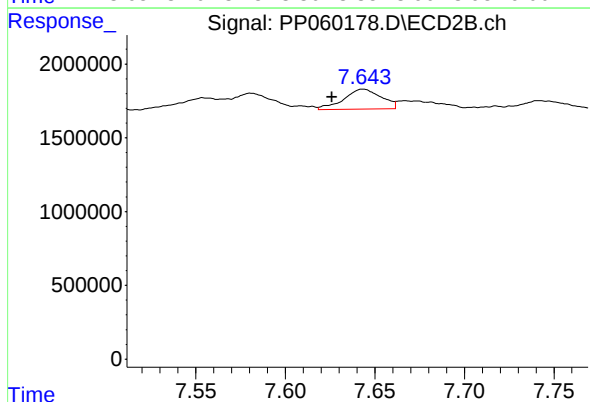
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 2787766
Conc: 37.35 ng/ml



#41 AR-1268-1

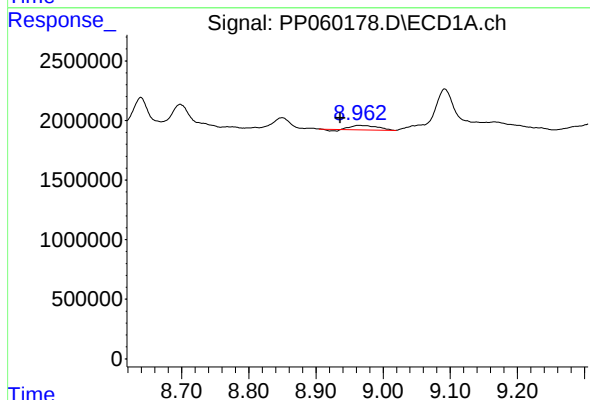
R.T.: 8.850 min
Delta R.T.: 0.012 min
Response: 1432699
Conc: 5.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



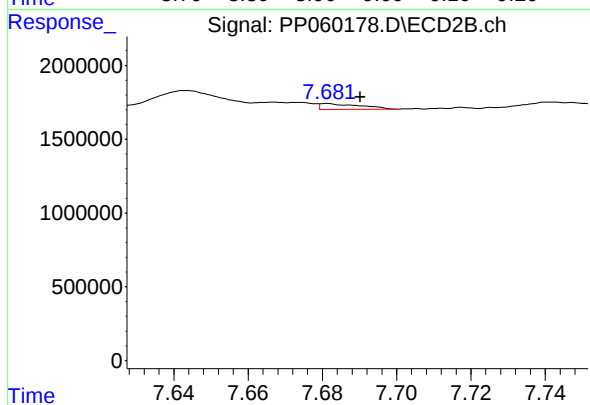
#41 AR-1268-1

R.T.: 7.643 min
Delta R.T.: 0.017 min
Response: 1942856
Conc: 7.46 ng/ml



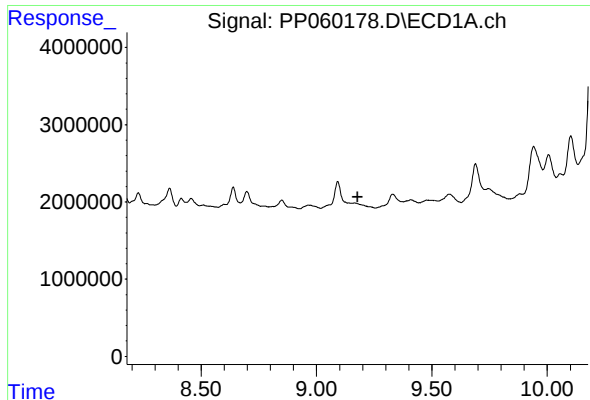
#42 AR-1268-2

R.T.: 8.963 min
Delta R.T.: 0.027 min
Response: 915208
Conc: 3.99 ng/ml



#42 AR-1268-2

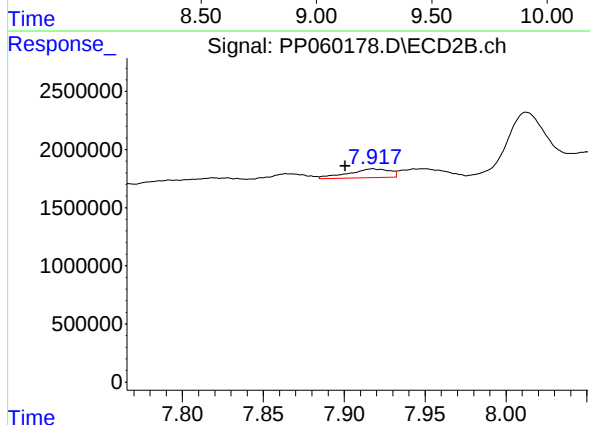
R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 293626
Conc: 1.27 ng/ml



#43 AR-1268-3

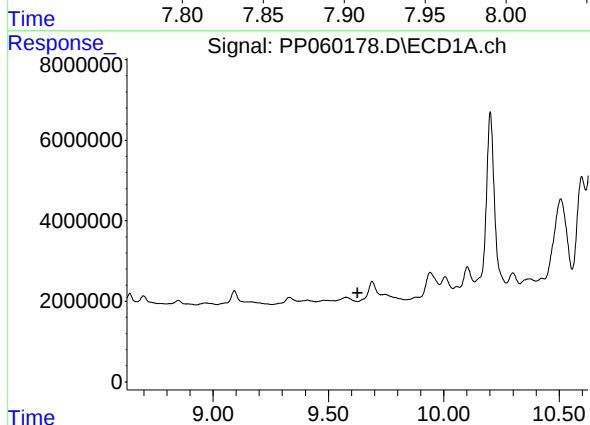
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



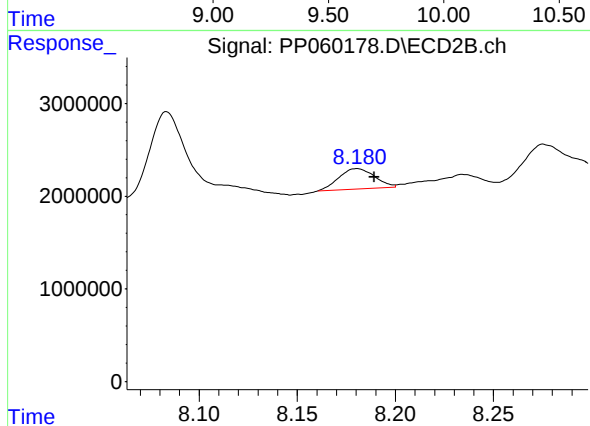
#43 AR-1268-3

R.T.: 7.918 min
Delta R.T.: 0.017 min
Response: 1359653
Conc: 6.66 ng/ml



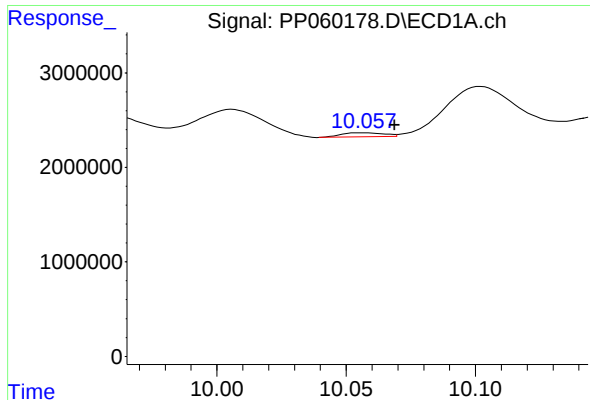
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.



#44 AR-1268-4

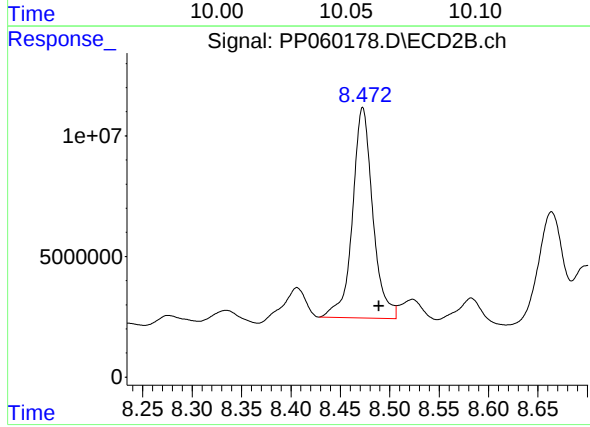
R.T.: 8.181 min
Delta R.T.: -0.009 min
Response: 2787766
Conc: 34.53 ng/ml



#45 AR-1268-5

R.T.: 10.056 min
Delta R.T.: -0.012 min
Response: 484607
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.473 min
Delta R.T.: -0.016 min
Response: 124852621
Conc: 197.66 ng/ml