

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121223\
 Data File : PP062407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 14:39
 Operator : YP\AJ
 Sample : 05764-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PCB-120623-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 23:27:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 12 05:13:02 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...	4.432	3.718	32538666	56814011	19.397	18.514
2) SA Decachlor...	10.211	0.000	87688953	0	83.913	N.D. #
Target Compounds						
3) L1 AR-1016-1	5.625f	4.828	8736449	6001124	176.501	65.172 #
4) L1 AR-1016-2	5.625	4.850	8736449	9134332	113.584	69.269 #
5) L1 AR-1016-3	5.698	5.027	5936945	7022917	120.351	98.146
6) L1 AR-1016-4	5.782	5.070	5037938	28449049	128.188	451.020 #
7) L1 AR-1016-5	6.085	5.289	7288782	8448151	175.771	102.209 #
8) L2 AR-1221-1	4.650	3.959f	867822	363777	43.164	9.829 #
9) L2 AR-1221-2	4.739	4.023	462883	1496638	40.509	52.564 #
10) L2 AR-1221-3	4.807	4.102	463527	1289562	10.572	15.778 #
11) L3 AR-1232-1	4.807	4.102	463527	1289562	12.881	20.165 #
12) L3 AR-1232-2	5.337	4.850	1351049	9134332	64.804	157.767 #
13) L3 AR-1232-3	5.625	5.027	8736449	7022917	257.641	222.901
14) L3 AR-1232-4	5.782	5.113	5037938	9419110	278.194	299.199
15) L3 AR-1232-5	5.880	5.289	20749491	8448151	1385.563	249.908 #
16) L4 AR-1242-1	5.625f	4.828	8736449	6001124	212.011	79.965 #
17) L4 AR-1242-2	5.625	4.850	8736449	9134332	140.445	85.555 #
18) L4 AR-1242-3	5.698	5.027	5936945	7022917	146.460	120.555
19) L4 AR-1242-4	5.782	5.113	5037938	9419110	149.338	147.842
20) L4 AR-1242-5	6.530	5.646	14288059	154.9E6	401.659	2221.806 #
21) L5 AR-1248-1	5.625f	4.828	8736449	6001124	282.321	108.129 #
22) L5 AR-1248-2	5.880	5.070	20749491	28449049	394.100	319.781
23) L5 AR-1248-3	6.085	5.113	7288782	9419110	128.182	101.375
24) L5 AR-1248-4	6.495	5.289	10433793	8448151	178.443	77.559 #
25) L5 AR-1248-5	6.530	5.646	14288059	154.9E6	237.983	1116.947 #
26) L6 AR-1254-1	6.465	5.646	40018410	154.9E6	590.229	971.407 #
27) L6 AR-1254-2	6.684	5.795	67734483	105.5E6	642.585	745.563
28) L6 AR-1254-3	7.044	6.205	408.1E6	185.6E6	3769.166	837.443 #
29) L6 AR-1254-4	7.358f	0.000	462.3E6	0	7200.209	N.D. #
30) L6 AR-1254-5	0.000	6.851	0	125.8E6	N.D.	677.672 #
31) L7 AR-1260-1	7.232	6.351	56939379	461.4E6	720.557	2851.518 #
32) L7 AR-1260-2	7.472	6.529	1351.8E6	877.6E6	15801.274	4817.091 #
33) L7 AR-1260-3	7.820f	6.681	274.3E6	-51834067	4143.596	N.D. #
34) L7 AR-1260-4	8.087f	7.165	1198.7E6	2312.3E6	16310.413	15824.502
35) L7 AR-1260-5	0.000	7.420	0	56592606	N.D.	195.647 #
36) L8 AR-1262-1	7.900	6.951	89112863	118.1E6	2214.106	1342.838 #
37) L8 AR-1262-2	8.355f	7.165	646.1E6	2312.3E6	4949.324	12793.831 #
38) L8 AR-1262-3	8.694	7.672f	8604293	205.3E6	98.166	1638.710 #
40) L8 AR-1262-5	9.462	8.240f	14128045	110.4E6	347.047	1194.286 #
41) L9 AR-1268-1	8.694	7.672f	8604293	205.3E6	52.029	522.673 #
42) L9 AR-1268-2	8.816f	0.000	44015868	0	309.076	N.D. #

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Integration File signal 1: autoint1.e
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 Quant Time: Dec 12 23:27:58 2023
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 Response via : Initial Calibration
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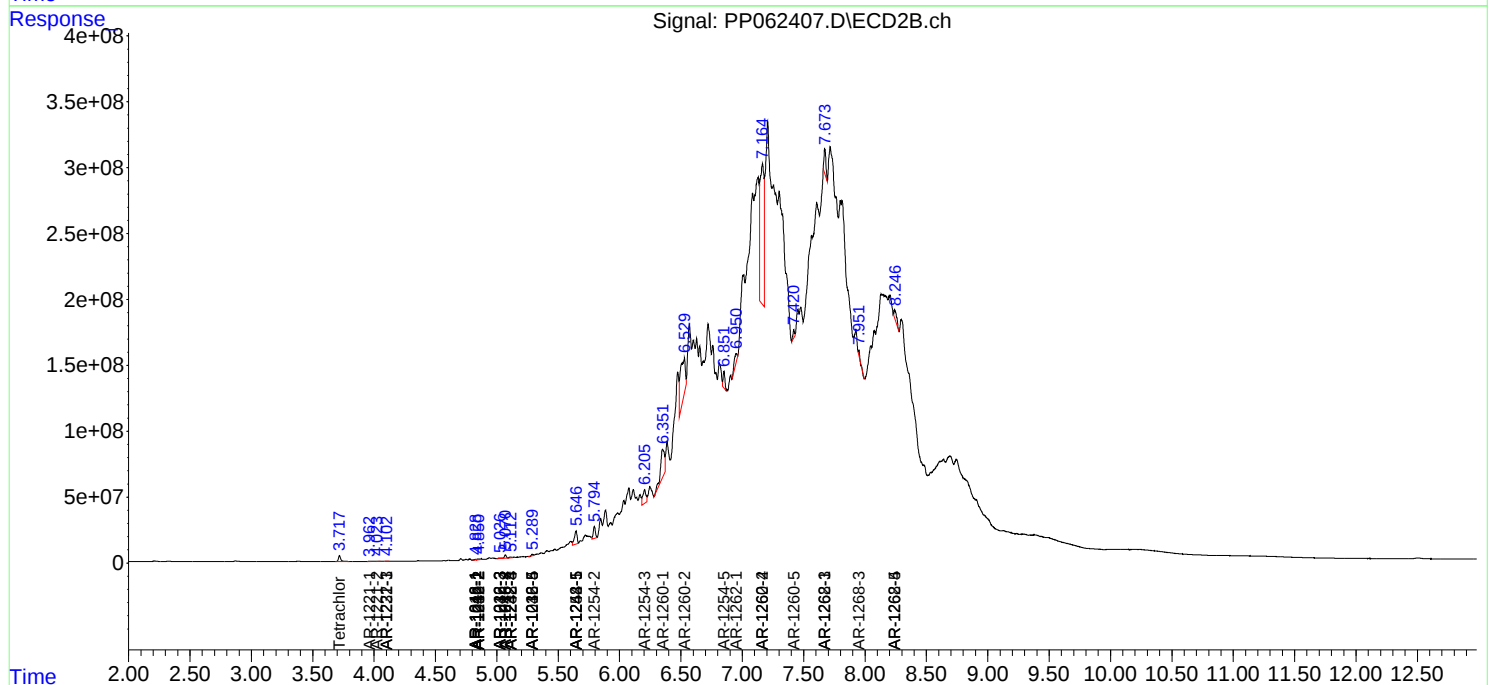
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

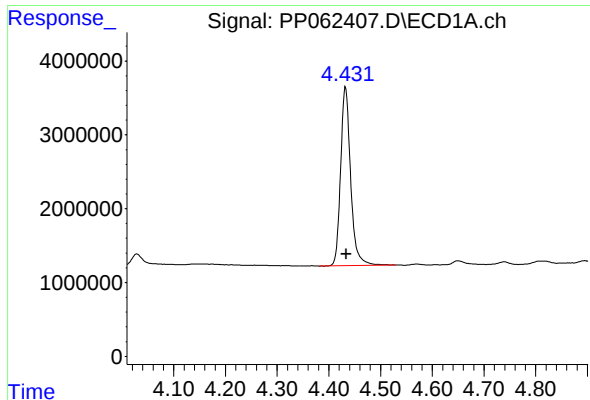
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	0.000	7.950f	0	8435546	N.D.	25.293 #
44)	L9 AR-1268-4	9.462	8.240f	14128045	110.4E6	307.037	1001.205 #

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

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01

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

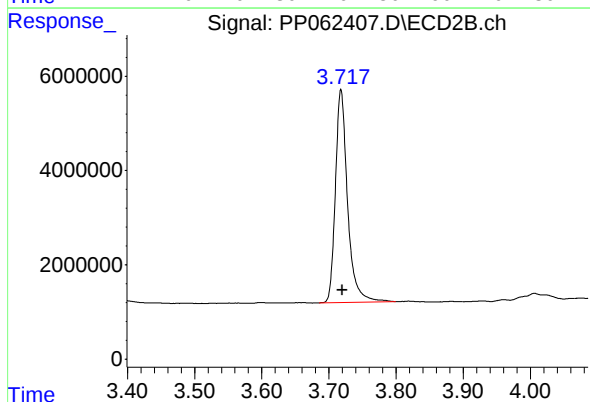




#1 Tetrachloro-m-xylene

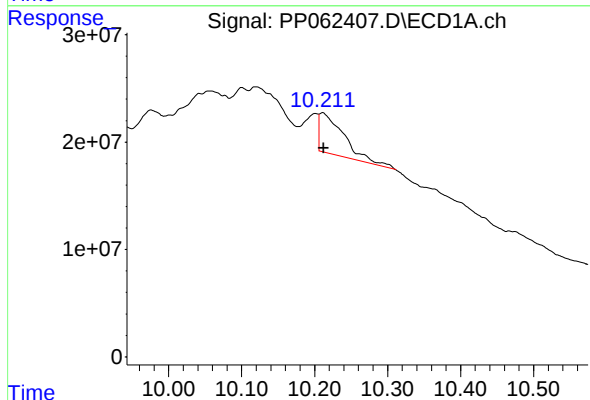
R.T.: 4.432 min
Delta R.T.: -0.002 min
Response: 32538666
Conc: 19.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



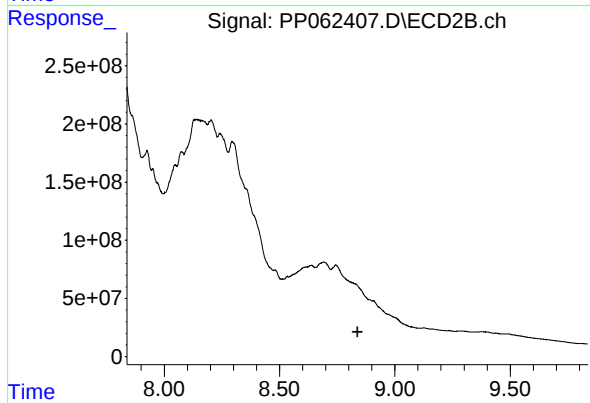
#1 Tetrachloro-m-xylene

R.T.: 3.718 min
Delta R.T.: -0.002 min
Response: 56814011
Conc: 18.51 ng/ml



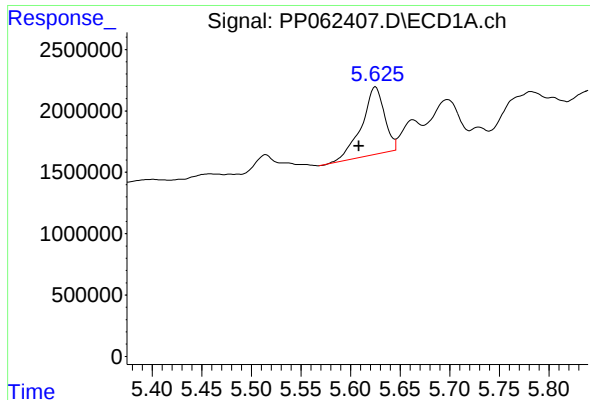
#2 Decachlorobiphenyl

R.T.: 10.211 min
Delta R.T.: 0.000 min
Response: 87688953
Conc: 83.91 ng/ml



#2 Decachlorobiphenyl

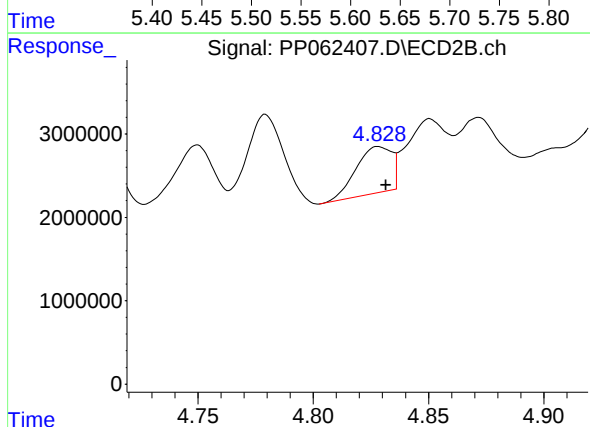
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.



#3 AR-1016-1

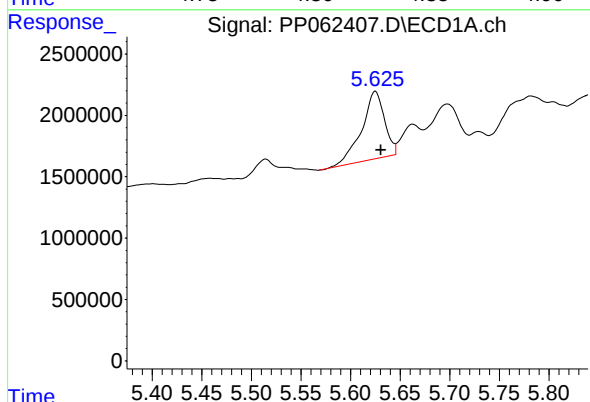
R.T.: 5.625 min
Delta R.T.: 0.017 min
Response: 8736449
Conc: 176.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



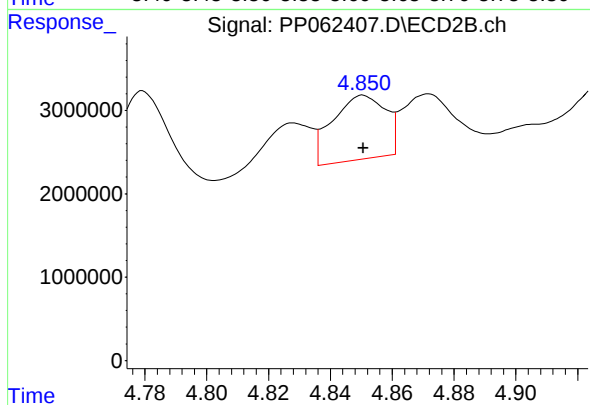
#3 AR-1016-1

R.T.: 4.828 min
Delta R.T.: -0.004 min
Response: 6001124
Conc: 65.17 ng/ml



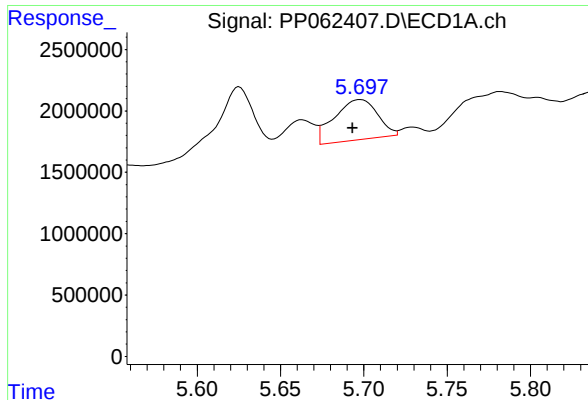
#4 AR-1016-2

R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 8736449
Conc: 113.58 ng/ml



#4 AR-1016-2

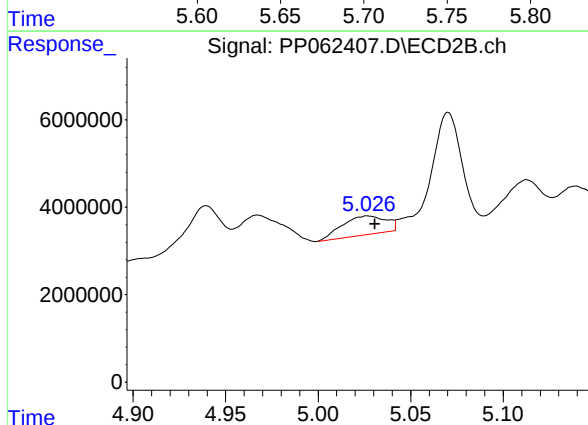
R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 9134332
Conc: 69.27 ng/ml



#5 AR-1016-3

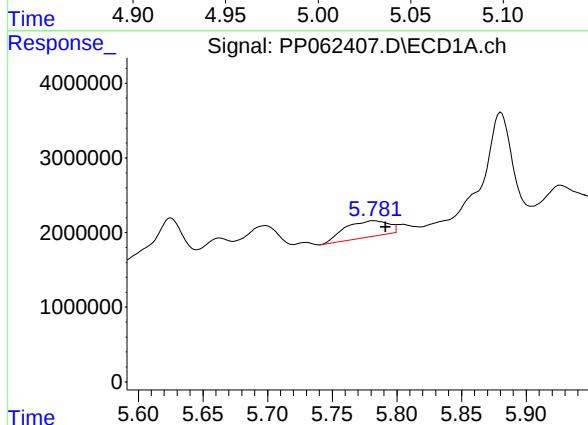
R.T.: 5.698 min
Delta R.T.: 0.005 min
Response: 5936945
Conc: 120.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



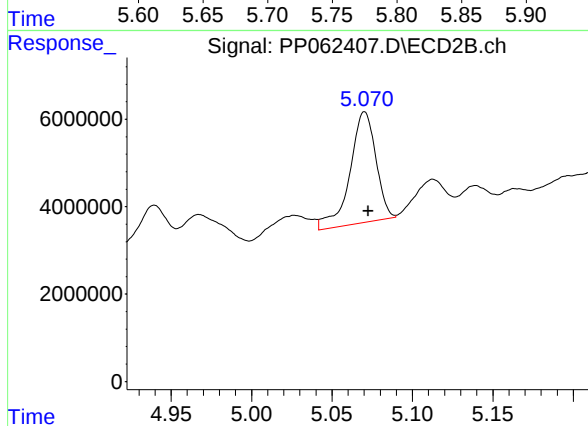
#5 AR-1016-3

R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 7022917
Conc: 98.15 ng/ml



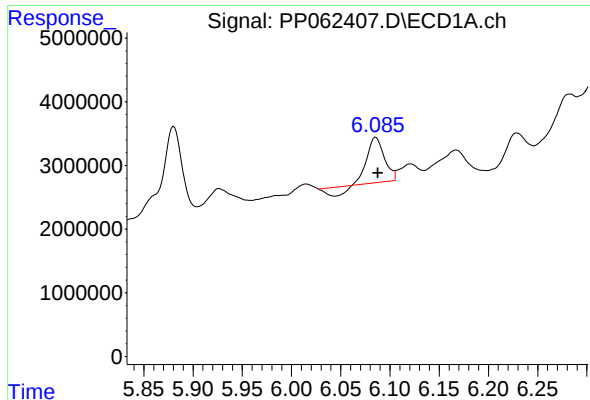
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 5037938
Conc: 128.19 ng/ml



#6 AR-1016-4

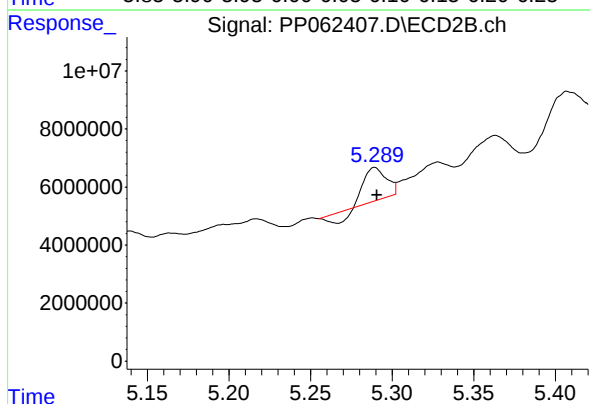
R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 28449049
Conc: 451.02 ng/ml



#7 AR-1016-5

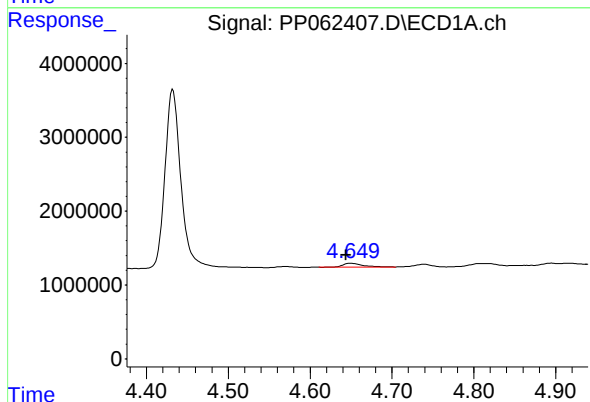
R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 7288782
Conc: 175.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



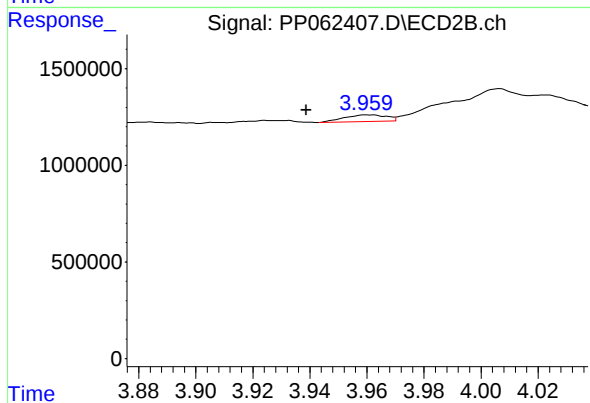
#7 AR-1016-5

R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 8448151
Conc: 102.21 ng/ml



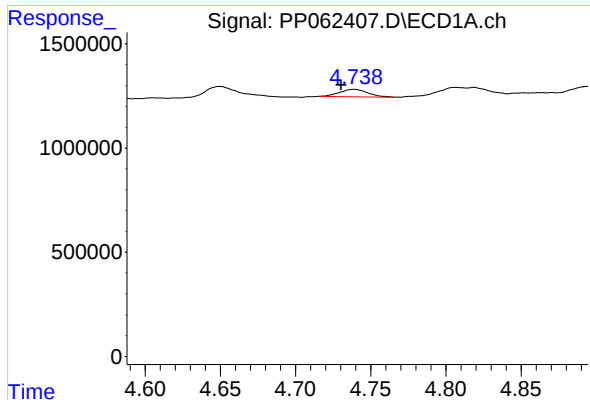
#8 AR-1221-1

R.T.: 4.650 min
Delta R.T.: 0.006 min
Response: 867822
Conc: 43.16 ng/ml



#8 AR-1221-1

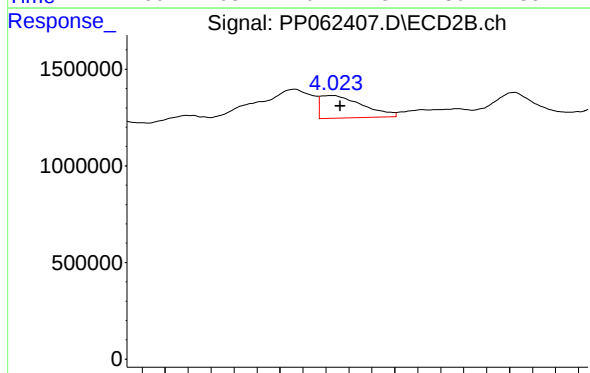
R.T.: 3.959 min
Delta R.T.: 0.021 min
Response: 363777
Conc: 9.83 ng/ml



#9 AR-1221-2

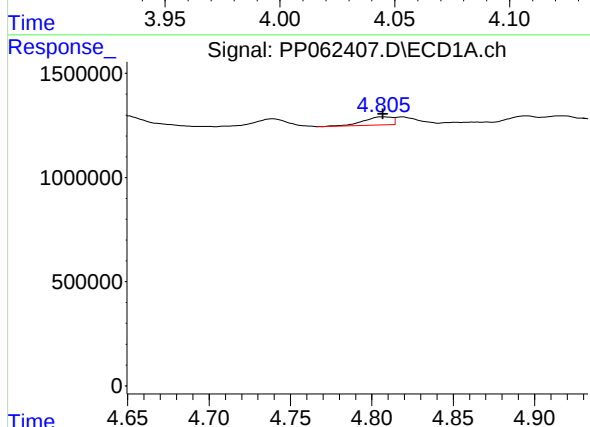
R.T.: 4.739 min
Delta R.T.: 0.009 min
Response: 462883
Conc: 40.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



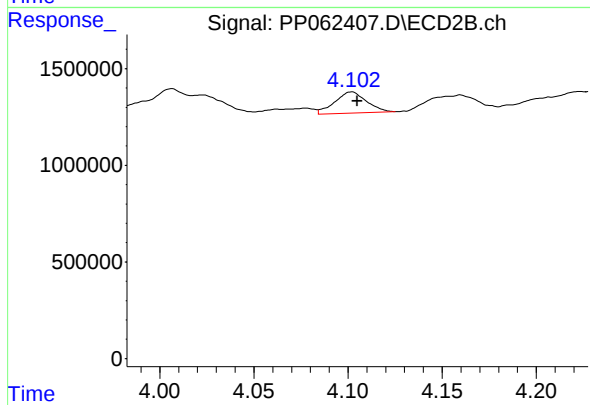
#9 AR-1221-2

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 1496638
Conc: 52.56 ng/ml



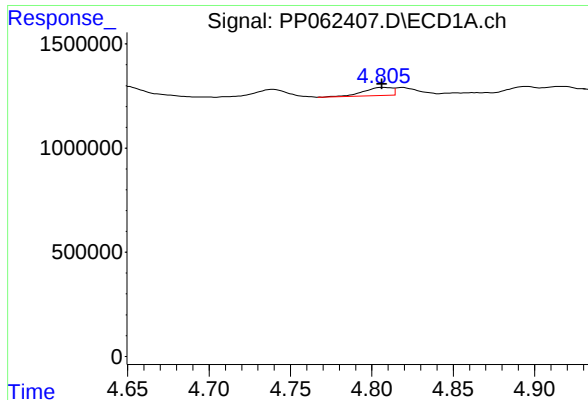
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 463527
Conc: 10.57 ng/ml



#10 AR-1221-3

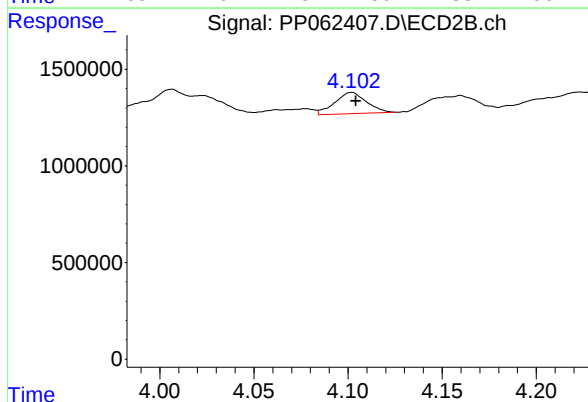
R.T.: 4.102 min
Delta R.T.: -0.003 min
Response: 1289562
Conc: 15.78 ng/ml



#11 AR-1232-1

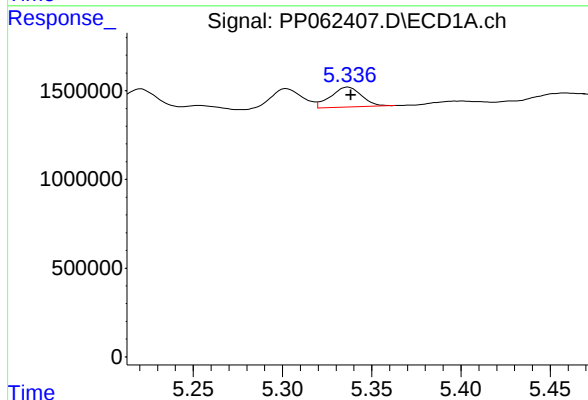
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 463527
Conc: 12.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



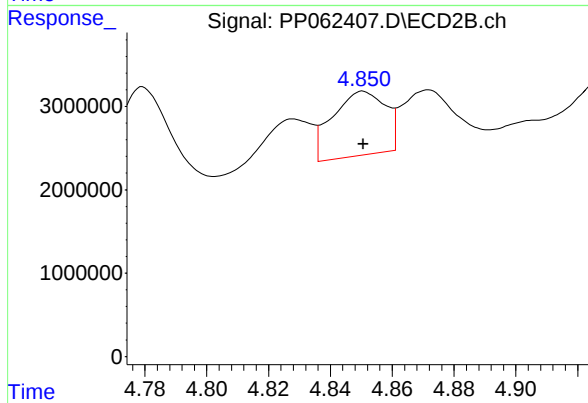
#11 AR-1232-1

R.T.: 4.102 min
Delta R.T.: -0.002 min
Response: 1289562
Conc: 20.17 ng/ml



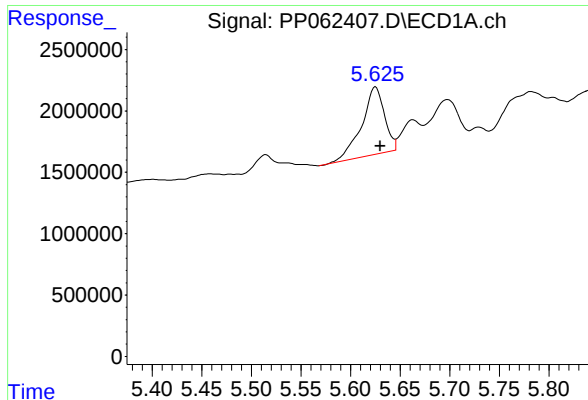
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: -0.002 min
Response: 1351049
Conc: 64.80 ng/ml



#12 AR-1232-2

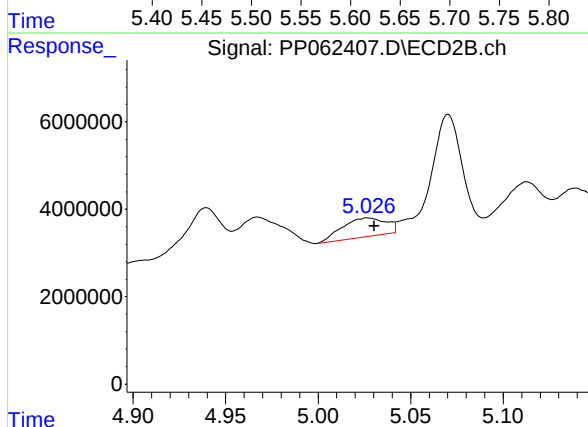
R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 9134332
Conc: 157.77 ng/ml



#13 AR-1232-3

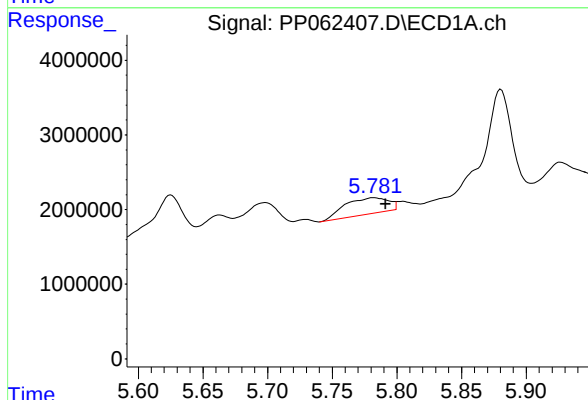
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 8736449
Conc: 257.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



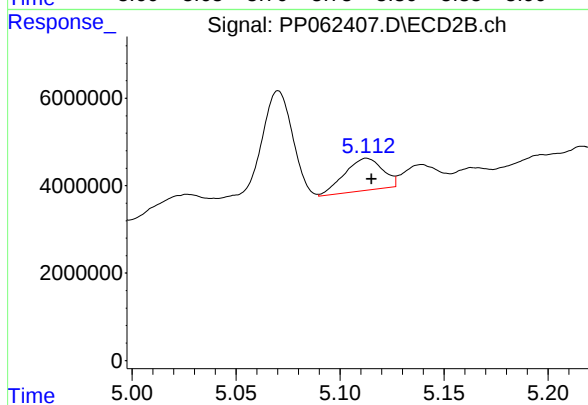
#13 AR-1232-3

R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 7022917
Conc: 222.90 ng/ml



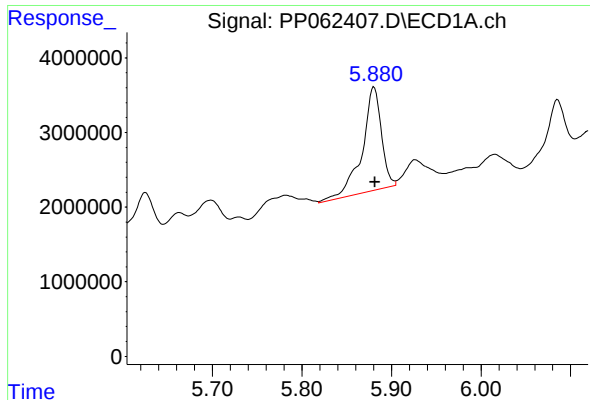
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 5037938
Conc: 278.19 ng/ml



#14 AR-1232-4

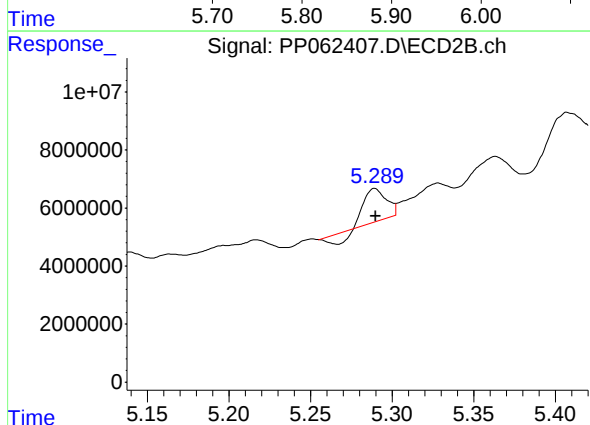
R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 9419110
Conc: 299.20 ng/ml



#15 AR-1232-5

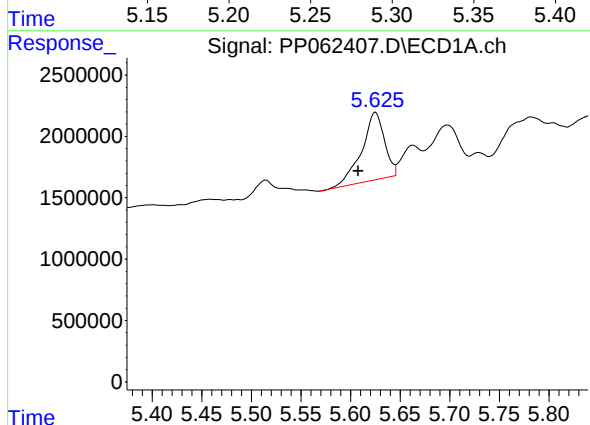
R.T.: 5.880 min
Delta R.T.: -0.001 min
Response: 20749491
Conc: 1385.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



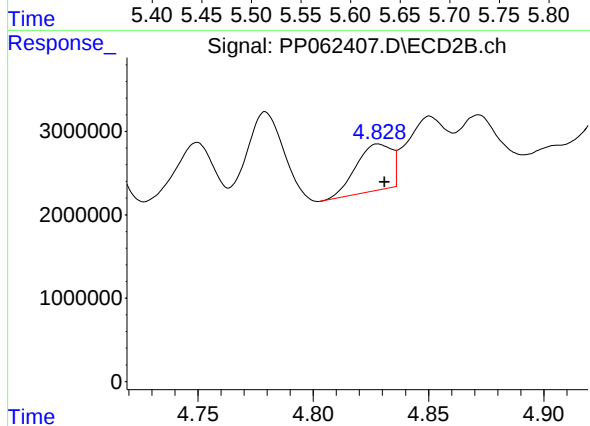
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 8448151
Conc: 249.91 ng/ml



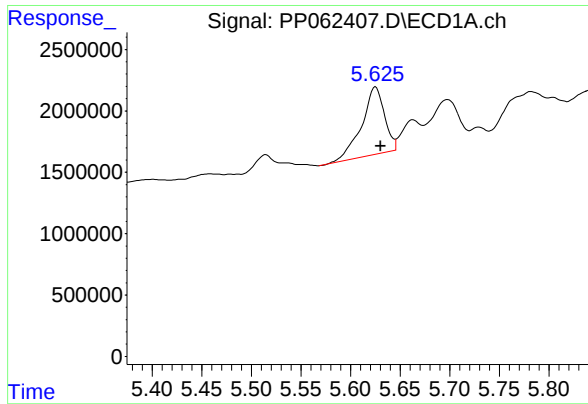
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.017 min
Response: 8736449
Conc: 212.01 ng/ml



#16 AR-1242-1

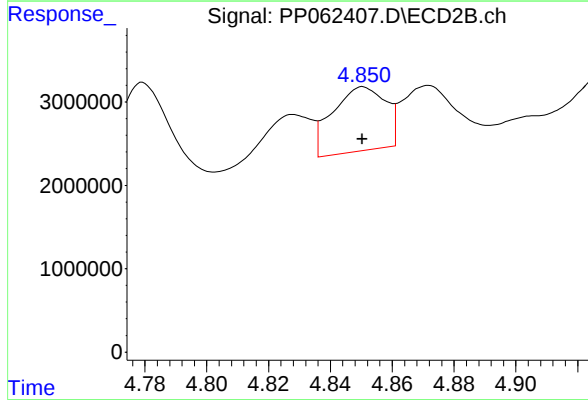
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 6001124
Conc: 79.96 ng/ml



#17 AR-1242-2

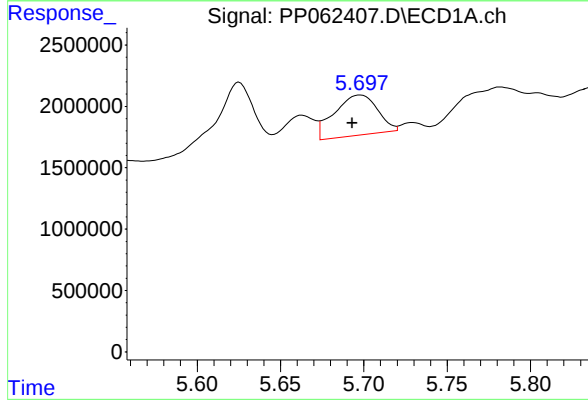
R.T.: 5.625 min
Delta R.T.: -0.005 min
Response: 8736449
Conc: 140.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



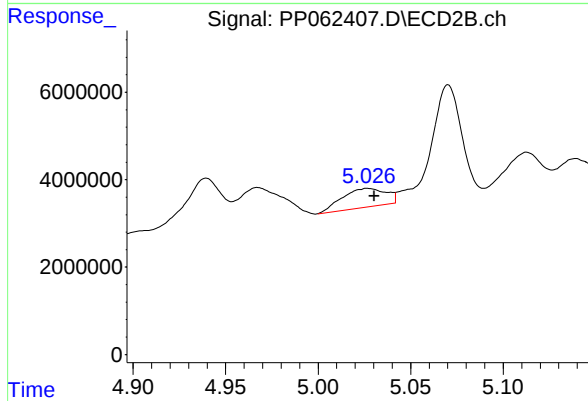
#17 AR-1242-2

R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 9134332
Conc: 85.55 ng/ml



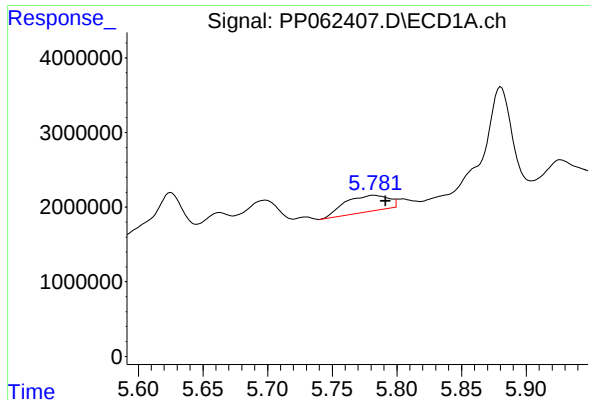
#18 AR-1242-3

R.T.: 5.698 min
Delta R.T.: 0.005 min
Response: 5936945
Conc: 146.46 ng/ml



#18 AR-1242-3

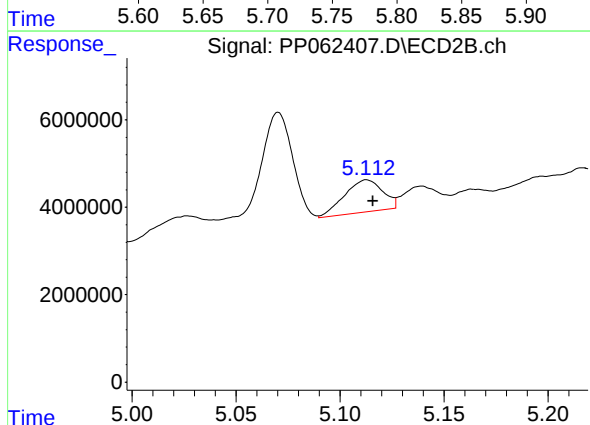
R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 7022917
Conc: 120.55 ng/ml



#19 AR-1242-4

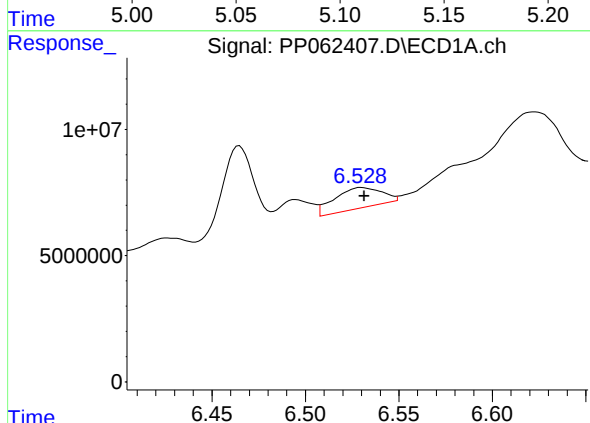
R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 5037938
Conc: 149.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



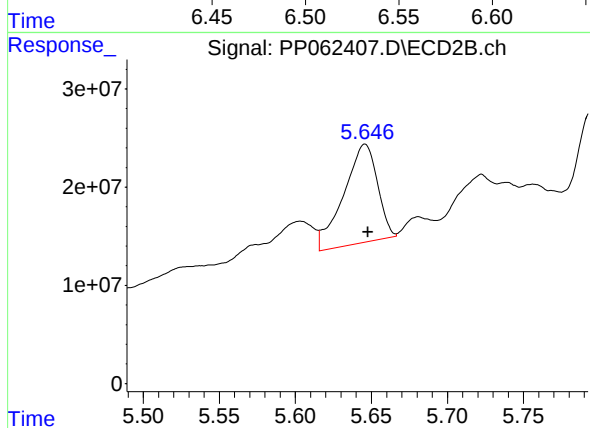
#19 AR-1242-4

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 9419110
Conc: 147.84 ng/ml



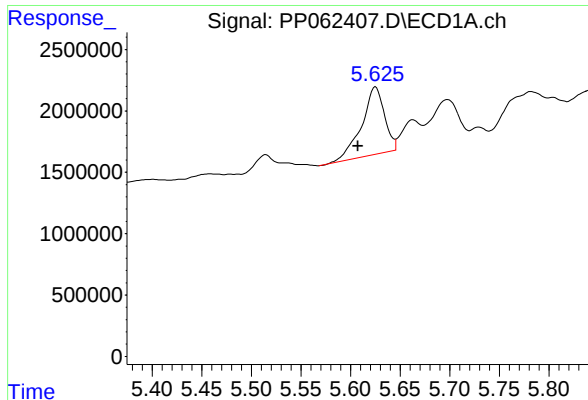
#20 AR-1242-5

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 14288059
Conc: 401.66 ng/ml



#20 AR-1242-5

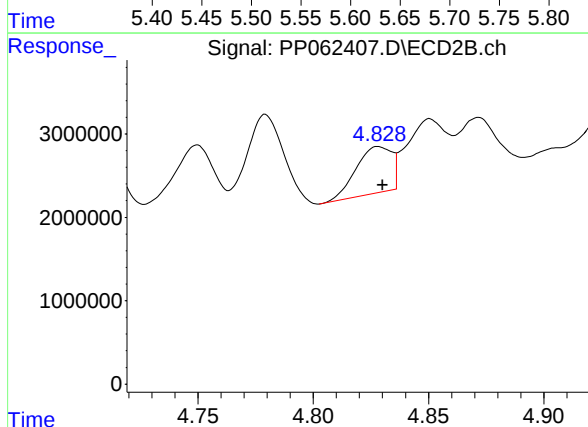
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 154920332
Conc: 2221.81 ng/ml



#21 AR-1248-1

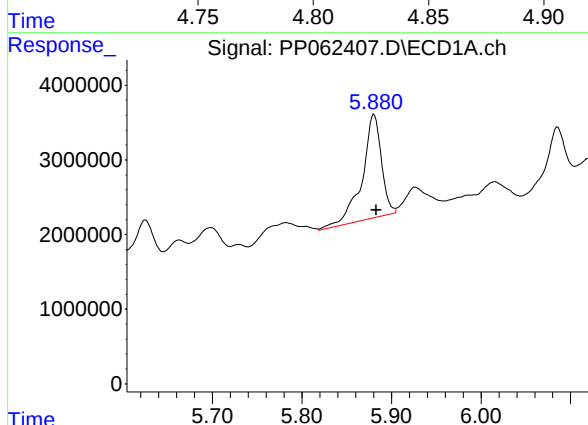
R.T.: 5.625 min
Delta R.T.: 0.017 min
Response: 8736449
Conc: 282.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



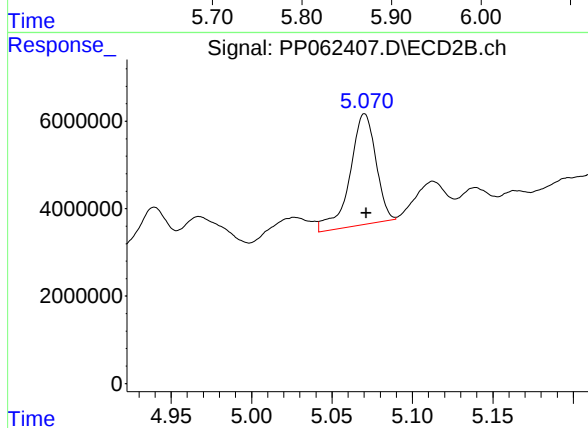
#21 AR-1248-1

R.T.: 4.828 min
Delta R.T.: -0.002 min
Response: 6001124
Conc: 108.13 ng/ml



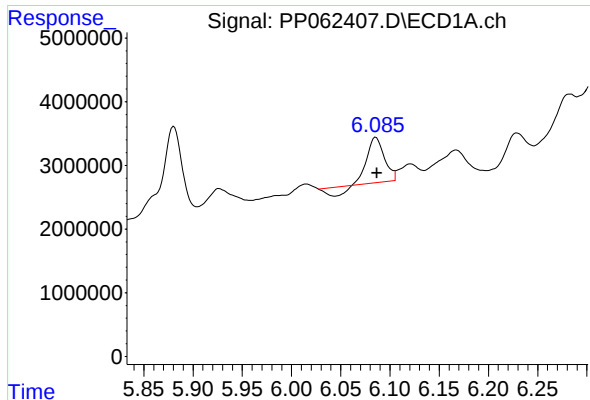
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 20749491
Conc: 394.10 ng/ml



#22 AR-1248-2

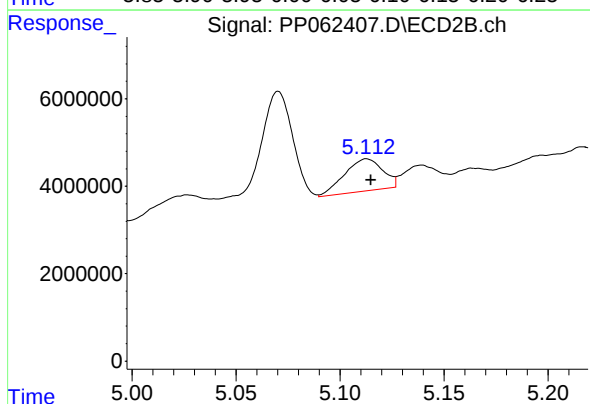
R.T.: 5.070 min
Delta R.T.: -0.001 min
Response: 28449049
Conc: 319.78 ng/ml



#23 AR-1248-3

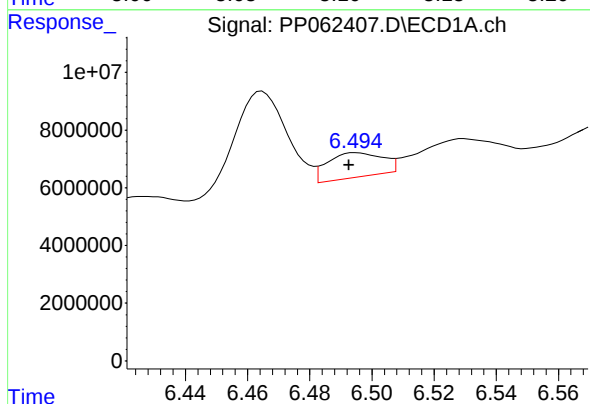
R.T.: 6.085 min
Delta R.T.: -0.001 min
Response: 7288782
Conc: 128.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



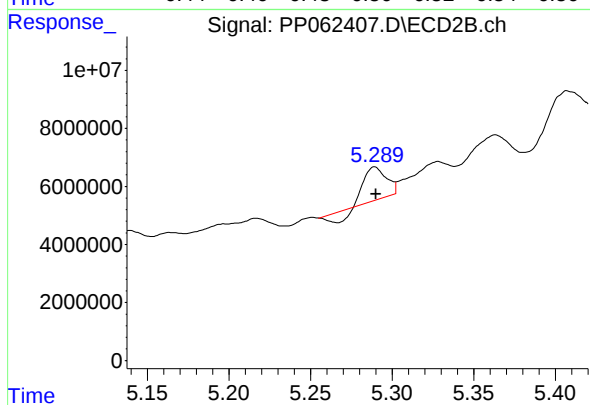
#23 AR-1248-3

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 9419110
Conc: 101.37 ng/ml



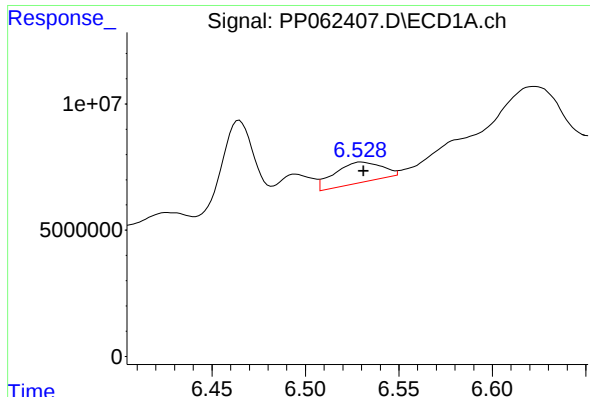
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 10433793
Conc: 178.44 ng/ml



#24 AR-1248-4

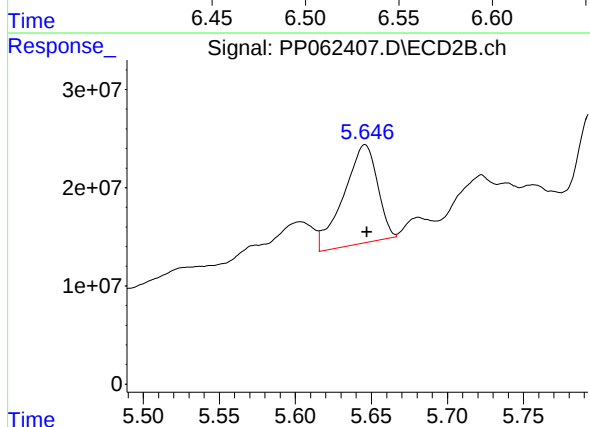
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 8448151
Conc: 77.56 ng/ml



#25 AR-1248-5

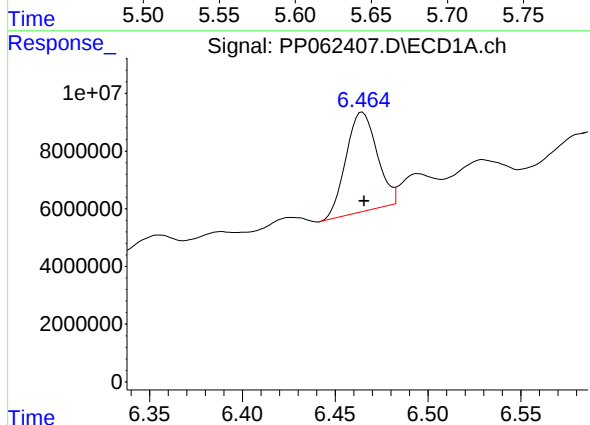
R.T.: 6.530 min
Delta R.T.: -0.001 min
Response: 14288059
Conc: 237.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



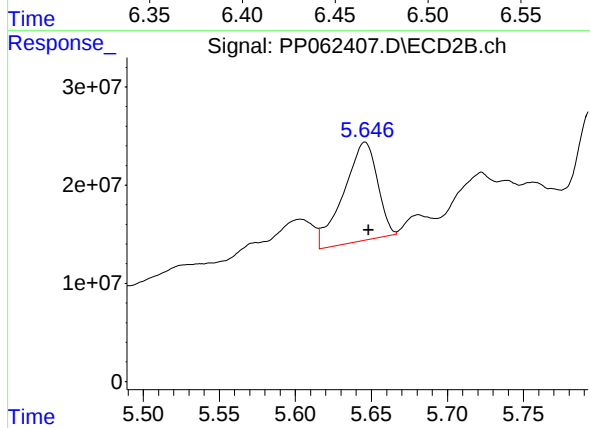
#25 AR-1248-5

R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 154920332
Conc: 1116.95 ng/ml



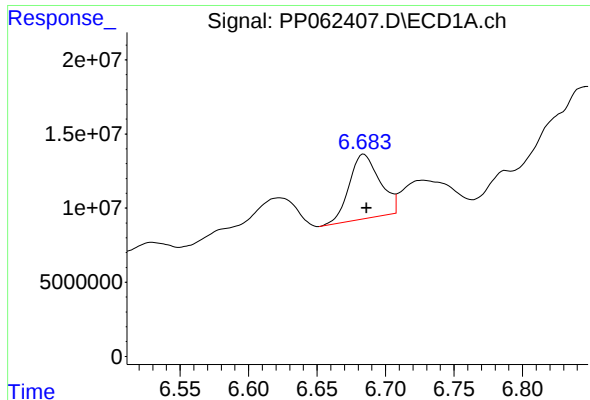
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 40018410
Conc: 590.23 ng/ml



#26 AR-1254-1

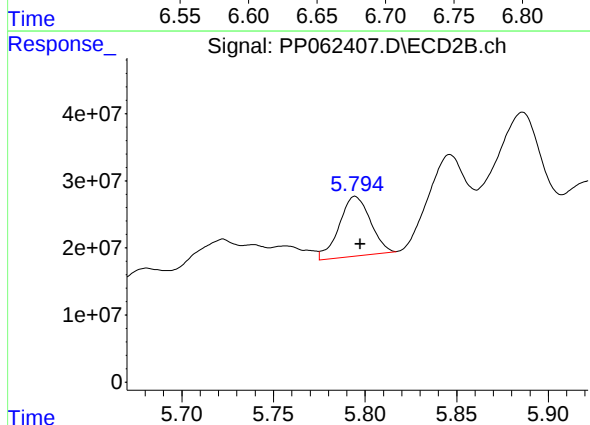
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 154920332
Conc: 971.41 ng/ml



#27 AR-1254-2

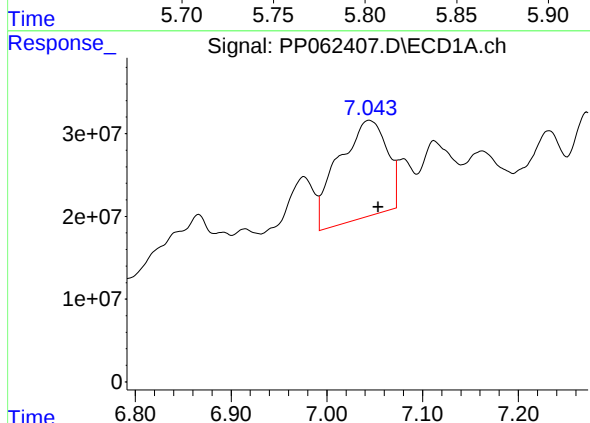
R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 67734483
Conc: 642.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



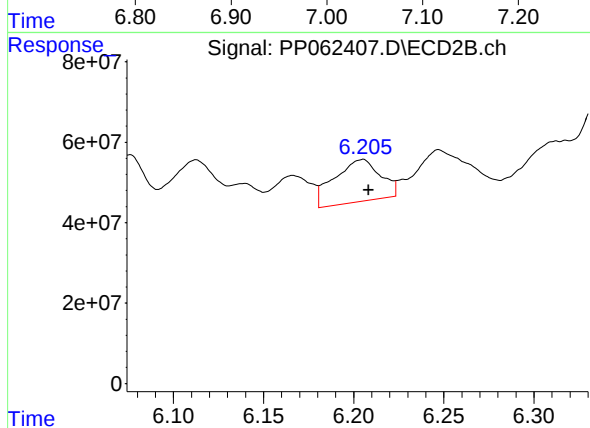
#27 AR-1254-2

R.T.: 5.795 min
Delta R.T.: -0.003 min
Response: 105487064
Conc: 745.56 ng/ml



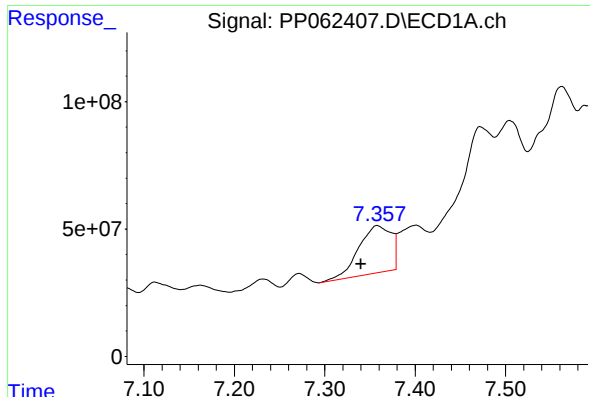
#28 AR-1254-3

R.T.: 7.044 min
Delta R.T.: -0.009 min
Response: 408066275
Conc: 3769.17 ng/ml



#28 AR-1254-3

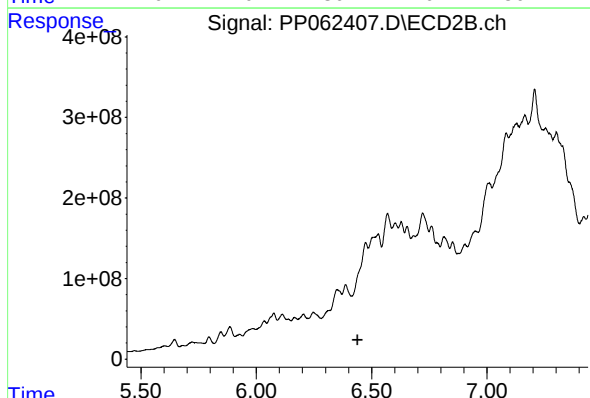
R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 185620284
Conc: 837.44 ng/ml



#29 AR-1254-4

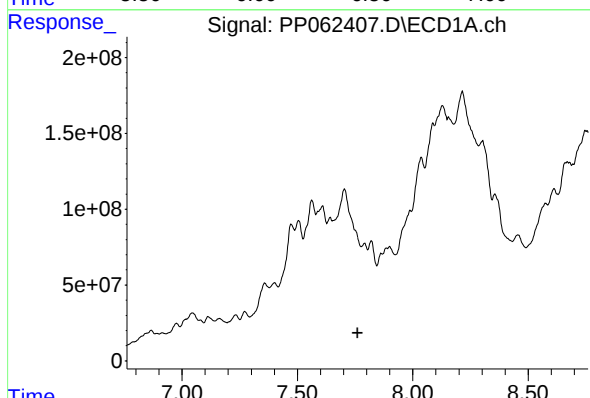
R.T.: 7.358 min
Delta R.T.: 0.018 min
Response: 462296856
Conc: 7200.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



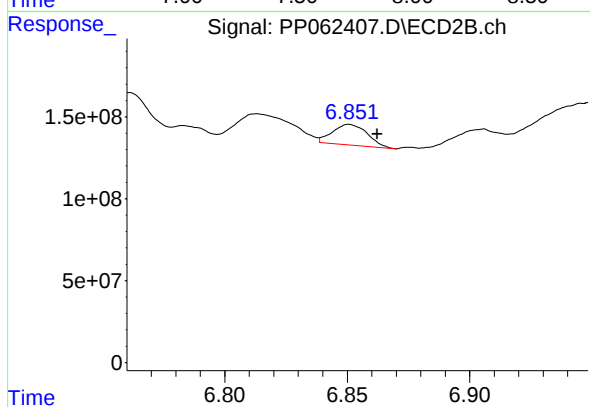
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.439 min
Response: 0
Conc: N.D.



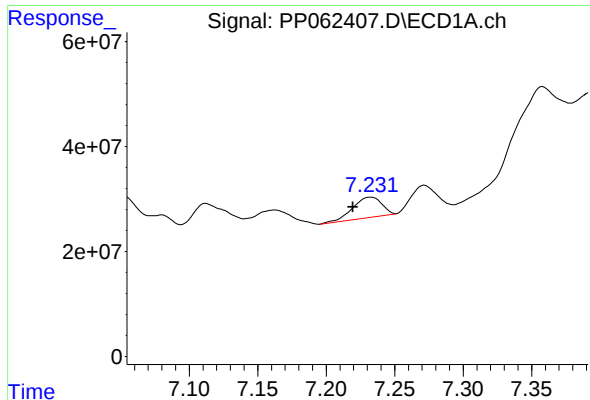
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.761 min
Response: 0
Conc: N.D.



#30 AR-1254-5

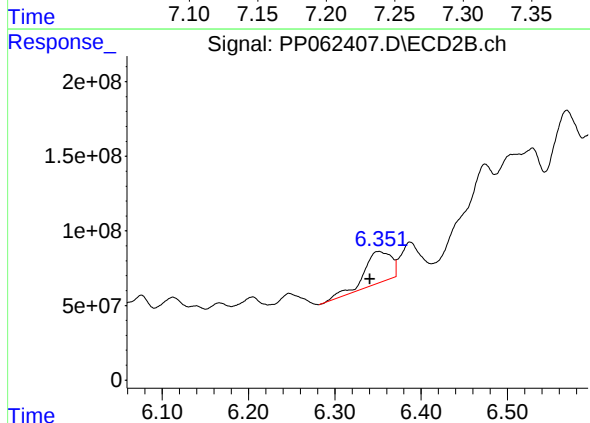
R.T.: 6.851 min
Delta R.T.: -0.011 min
Response: 125752195
Conc: 677.67 ng/ml



#31 AR-1260-1

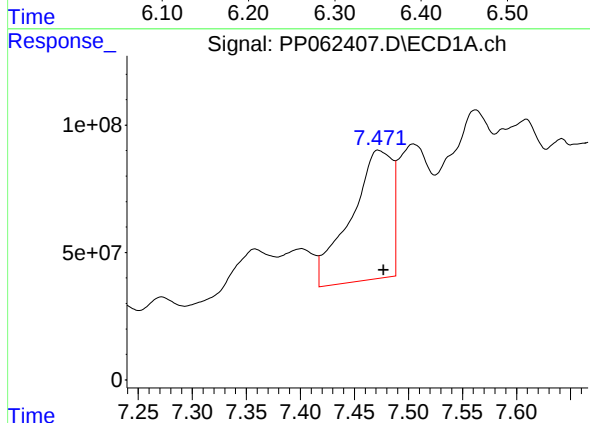
R.T.: 7.232 min
Delta R.T.: 0.013 min
Response: 56939379
Conc: 720.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



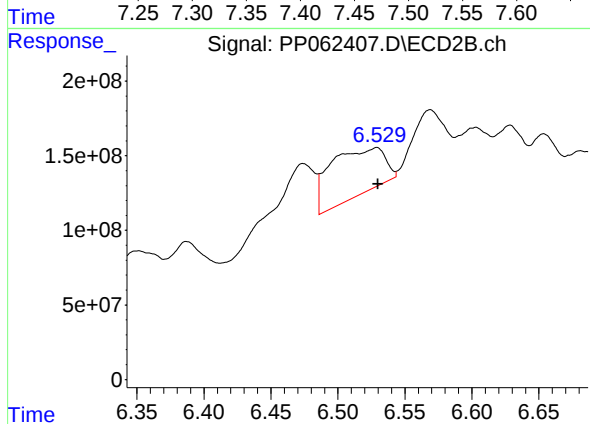
#31 AR-1260-1

R.T.: 6.351 min
Delta R.T.: 0.010 min
Response: 461404491
Conc: 2851.52 ng/ml



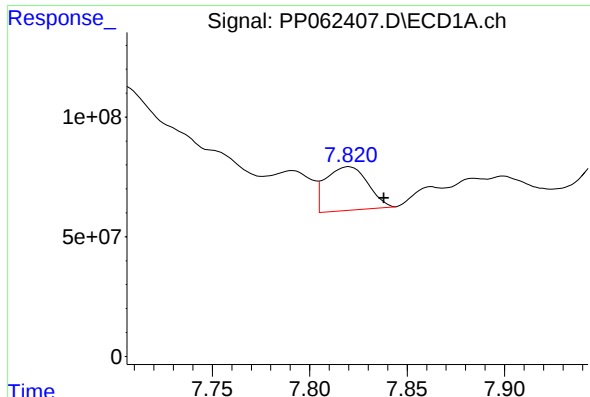
#32 AR-1260-2

R.T.: 7.472 min
Delta R.T.: -0.005 min
Response: 1351773251
Conc: 15801.27 ng/ml



#32 AR-1260-2

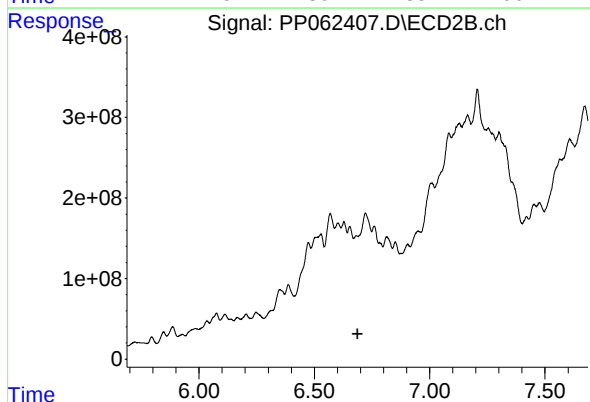
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 877584689
Conc: 4817.09 ng/ml



#33 AR-1260-3

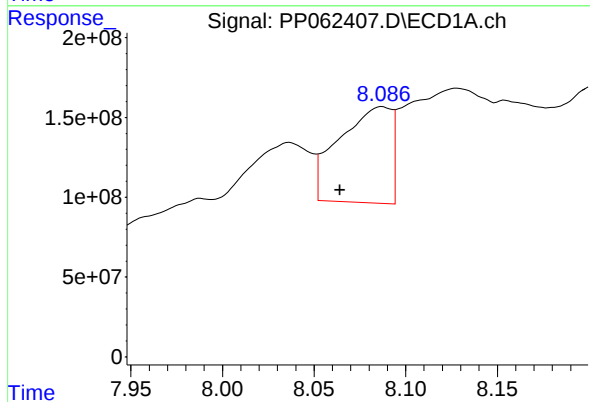
R.T.: 7.820 min
Delta R.T.: -0.018 min
Response: 274315292
Conc: 4143.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



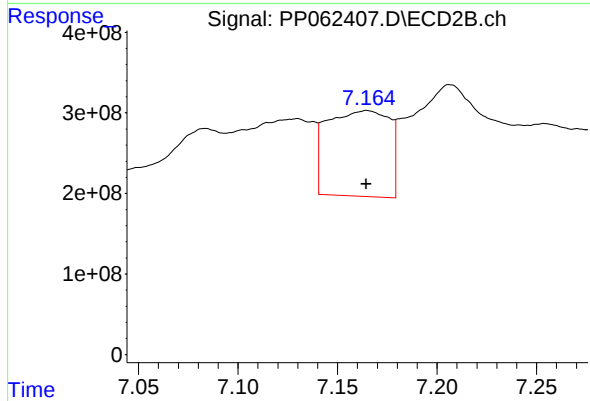
#33 AR-1260-3

R.T.: 6.681 min
Delta R.T.: -0.006 min
Response: -51834067
Conc: N.D.



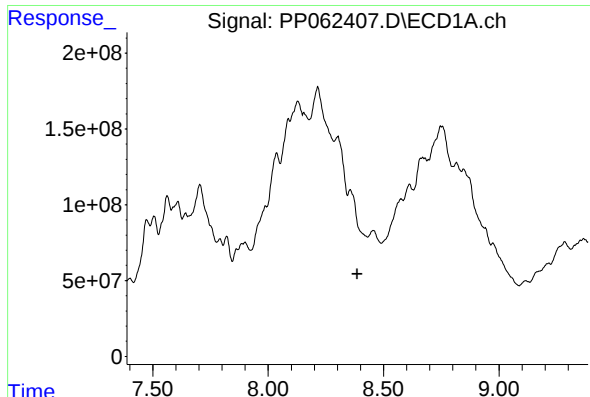
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: 0.023 min
Response: 1198657748
Conc: 16310.41 ng/ml



#34 AR-1260-4

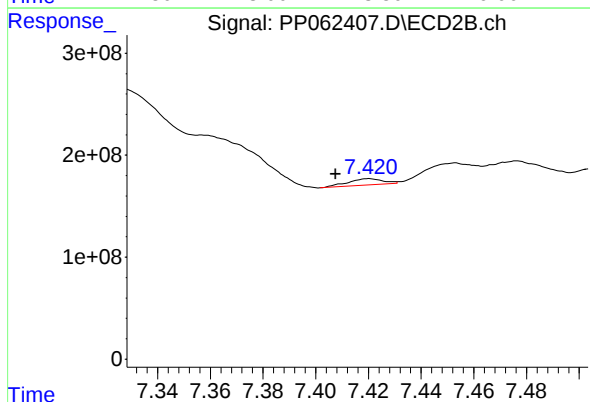
R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 2312342518
Conc: 15824.50 ng/ml



#35 AR-1260-5

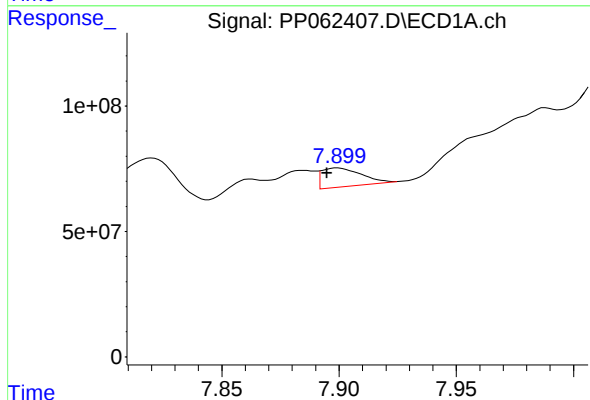
R.T.: 0.000 min
Exp R.T.: 8.386 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



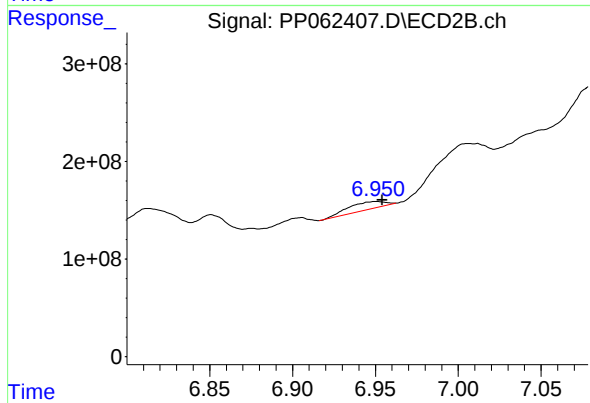
#35 AR-1260-5

R.T.: 7.420 min
Delta R.T.: 0.013 min
Response: 56592606
Conc: 195.65 ng/ml



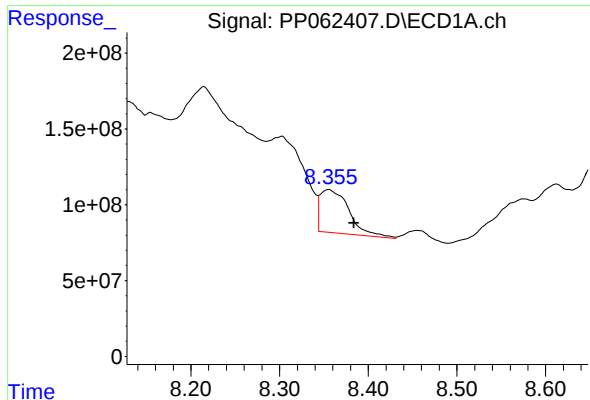
#36 AR-1262-1

R.T.: 7.900 min
Delta R.T.: 0.005 min
Response: 89112863
Conc: 2214.11 ng/ml



#36 AR-1262-1

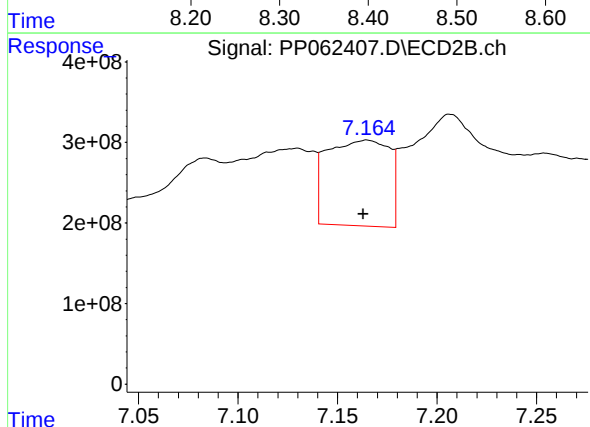
R.T.: 6.951 min
Delta R.T.: -0.004 min
Response: 118055569
Conc: 1342.84 ng/ml



#37 AR-1262-2

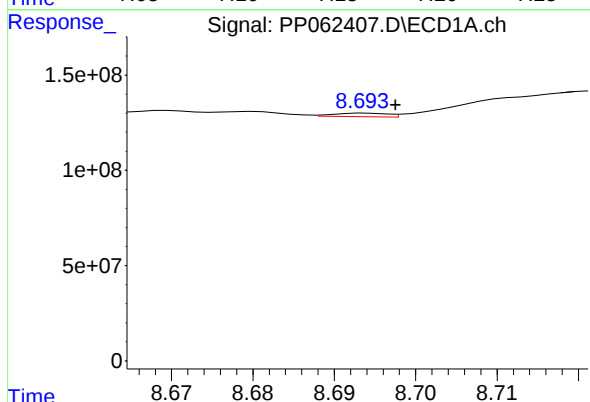
R.T.: 8.355 min
Delta R.T.: -0.028 min
Response: 646064198
Conc: 4949.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



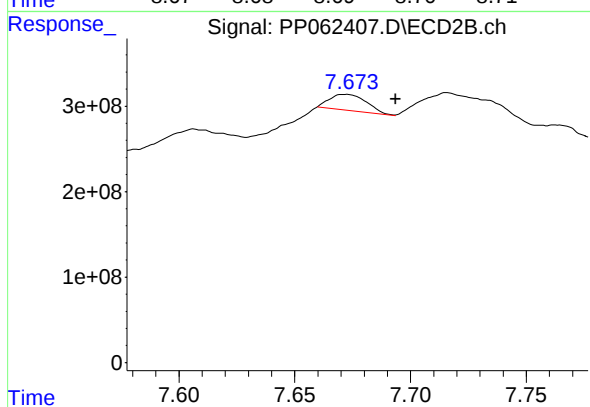
#37 AR-1262-2

R.T.: 7.165 min
Delta R.T.: 0.002 min
Response: 2312342518
Conc: 12793.83 ng/ml



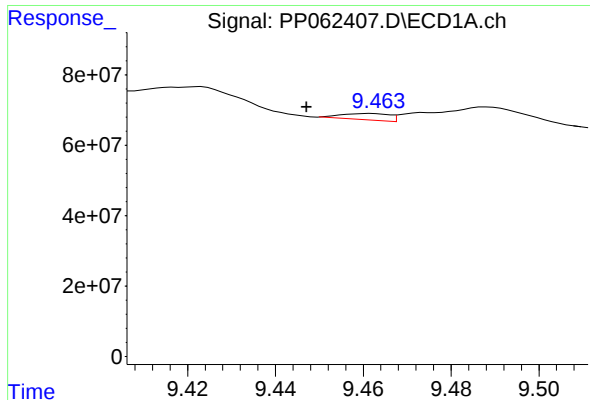
#38 AR-1262-3

R.T.: 8.694 min
Delta R.T.: -0.004 min
Response: 8604293
Conc: 98.17 ng/ml



#38 AR-1262-3

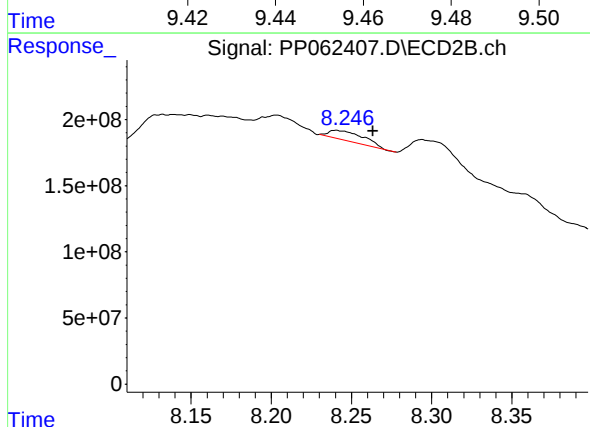
R.T.: 7.672 min
Delta R.T.: -0.022 min
Response: 205280686
Conc: 1638.71 ng/ml



#40 AR-1262-5

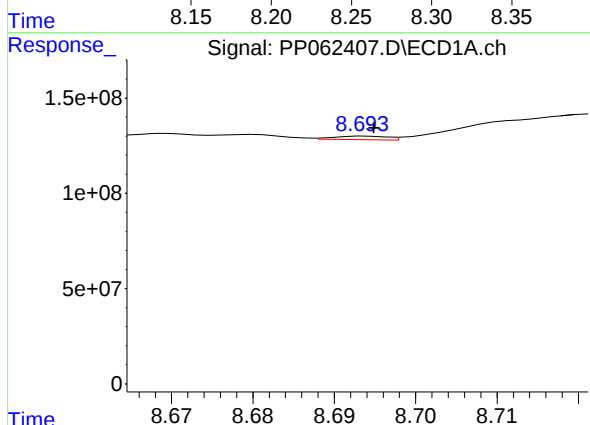
R.T.: 9.462 min
Delta R.T.: 0.015 min
Response: 14128045
Conc: 347.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



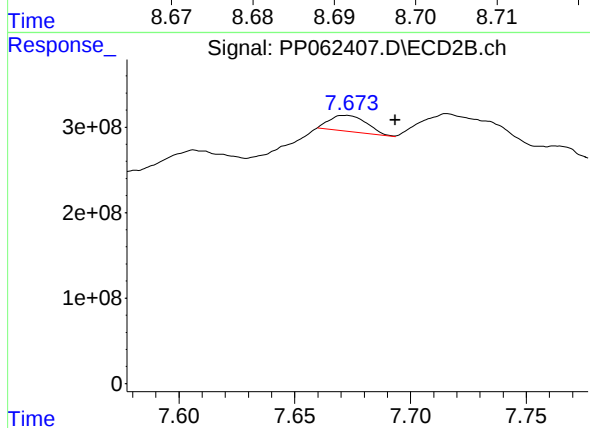
#40 AR-1262-5

R.T.: 8.240 min
Delta R.T.: -0.023 min
Response: 110408005
Conc: 1194.29 ng/ml



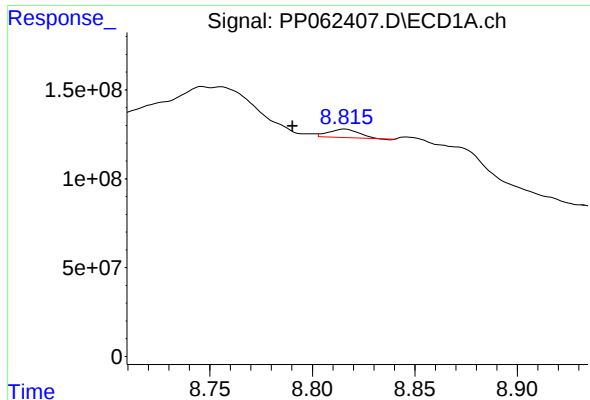
#41 AR-1268-1

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 8604293
Conc: 52.03 ng/ml



#41 AR-1268-1

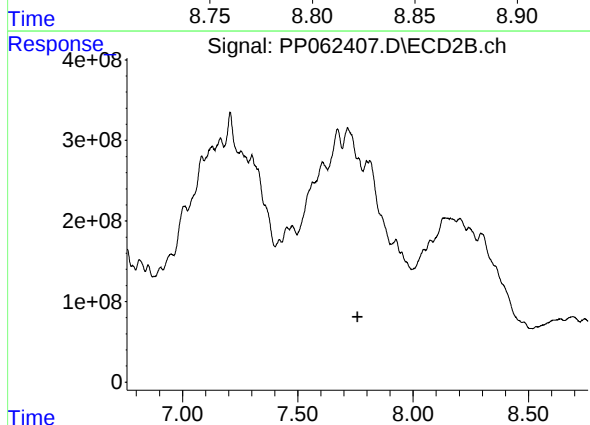
R.T.: 7.672 min
Delta R.T.: -0.022 min
Response: 205280686
Conc: 522.67 ng/ml



#42 AR-1268-2

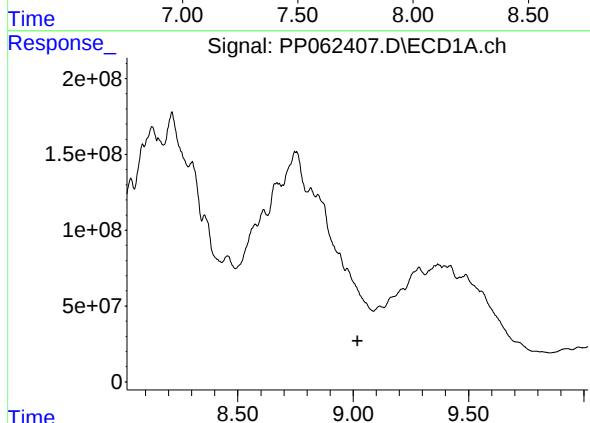
R.T.: 8.816 min
Delta R.T.: 0.026 min
Response: 44015868
Conc: 309.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



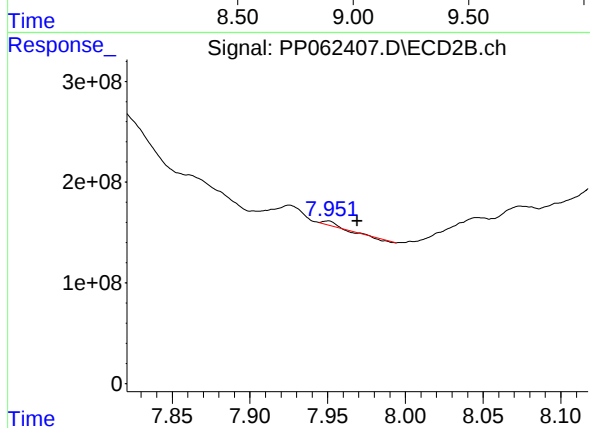
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 7.758 min
Response: 0
Conc: N.D.



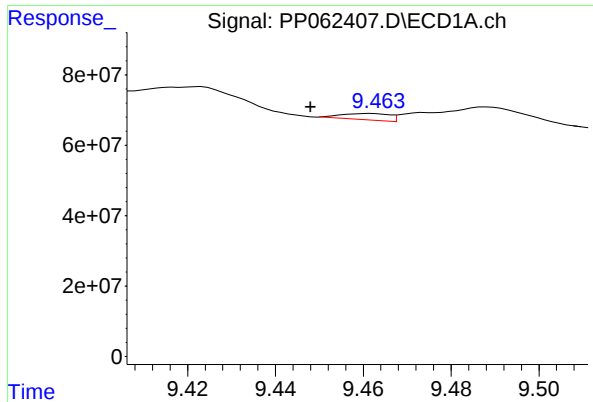
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.019 min
Response: 0
Conc: N.D.



#43 AR-1268-3

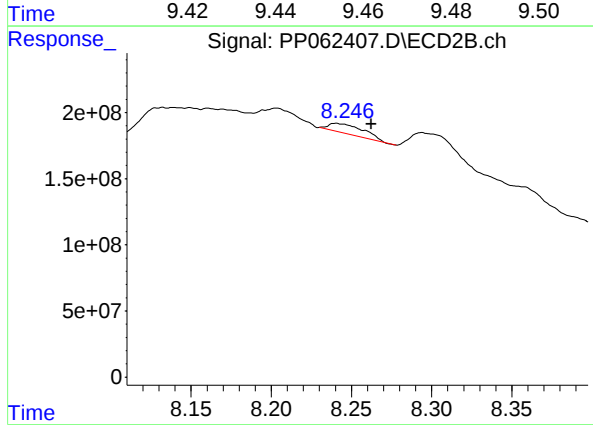
R.T.: 7.950 min
Delta R.T.: -0.019 min
Response: 8435546
Conc: 25.29 ng/ml



#44 AR-1268-4

R.T.: 9.462 min
Delta R.T.: 0.014 min
Response: 14128045
Conc: 307.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PCB-120623-01



#44 AR-1268-4

R.T.: 8.240 min
Delta R.T.: -0.022 min
Response: 110408005
Conc: 1001.20 ng/ml