

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120523\
 Data File : PP062151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2023 13:59
 Operator : YP\AJ
 Sample : 05600-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-3RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:23:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 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...	4.449	3.720	21581255	26485740	16.393	14.719
2) SA Decachlor...	10.241	8.844	9877607	17544516	9.571	8.500
Target Compounds						
5) L1 AR-1016-3	0.000	5.033	0	241614	N.D.	4.763 #
6) L1 AR-1016-4	5.798f	0.000	502765	0	13.228	N.D. #
7) L1 AR-1016-5	0.000	5.283f	0	457148	N.D.	7.908 #
8) L2 AR-1221-1	4.653	0.000	748566	0	41.947	N.D. #
9) L2 AR-1221-2	0.000	4.030	0	1274149	N.D.	66.985 #
10) L2 AR-1221-3	4.841	4.104	1820892	1678922	45.764	29.142 #
11) L3 AR-1232-1	4.841	4.104	1820892	1678922	54.706	35.657 #
12) L3 AR-1232-2	5.338f	0.000	2477069	0	124.346	N.D. #
13) L3 AR-1232-3	0.000	5.033	0	241614	N.D.	10.665 #
14) L3 AR-1232-4	5.798f	5.150f	502765	256168	29.758	11.218 #
15) L3 AR-1232-5	5.892	5.283f	125044	457148	8.297	17.964 #
18) L4 AR-1242-3	0.000	5.033	0	241614	N.D.	5.962 #
19) L4 AR-1242-4	5.798	5.150f	502765	256168	16.579	5.676 #
20) L4 AR-1242-5	6.563	5.661	780929	1285436	26.046	24.564
22) L5 AR-1248-2	5.892	0.000	125044	0	2.556	N.D. #
23) L5 AR-1248-3	0.000	5.150f	0	256168	N.D.	3.906 #
24) L5 AR-1248-4	6.494f	5.283f	2303255	457148	45.442	5.939 #
25) L5 AR-1248-5	6.563	5.661	780929	1285436	15.112	12.863
26) L6 AR-1254-1	6.494	5.661	2303255	1285436	41.054	11.806 #
27) L6 AR-1254-2	6.707	5.803	1731724	705433	20.769	7.029 #
28) L6 AR-1254-3	7.073	6.230	1547468	1525427	18.705	9.764 #
30) L6 AR-1254-5	7.778	6.866	821534	2747364	12.897	19.467 #
31) L7 AR-1260-1	7.236	6.346	932763	1312540	13.655	11.278
32) L7 AR-1260-2	7.487	6.539	3499858	2192923	46.466	16.095 #
33) L7 AR-1260-3	7.856	6.693	769661	1512022	14.857	11.556
34) L7 AR-1260-4	8.082	7.169	1072398	1538340	17.572	15.599
35) L7 AR-1260-5	8.405	7.412	1255827	2672406	12.523	12.480
36) L8 AR-1262-1	7.913	6.961	664426	516528	18.776	8.131 #
37) L8 AR-1262-2	8.405	7.169	1255827	1538340	10.591	11.389
38) L8 AR-1262-3	8.720	7.700	1001683	1852019	11.436	17.702 #
39) L8 AR-1262-4	8.811	7.763	1007832	3498669	13.383	19.410 #
40) L8 AR-1262-5	0.000	8.270	0	872016	N.D.	11.415 #
41) L9 AR-1268-1	8.720	7.700	1001683	1852019	6.652	6.175
42) L9 AR-1268-2	8.811	7.763	1007832	3498669	7.174	13.184 #
43) L9 AR-1268-3	0.000	7.978	0	1686489	N.D.	6.943 #
44) L9 AR-1268-4	0.000	8.270	0	872016	N.D.	10.100 #
45) L9 AR-1268-5	0.000	8.573	0	724544	N.D.	1.048 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120523\
Data File : PP062151.D
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Acq On : 05 Dec 2023 13:59
Operator : YP\AJ
Sample : 05600-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:23:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 28 04:28:00 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

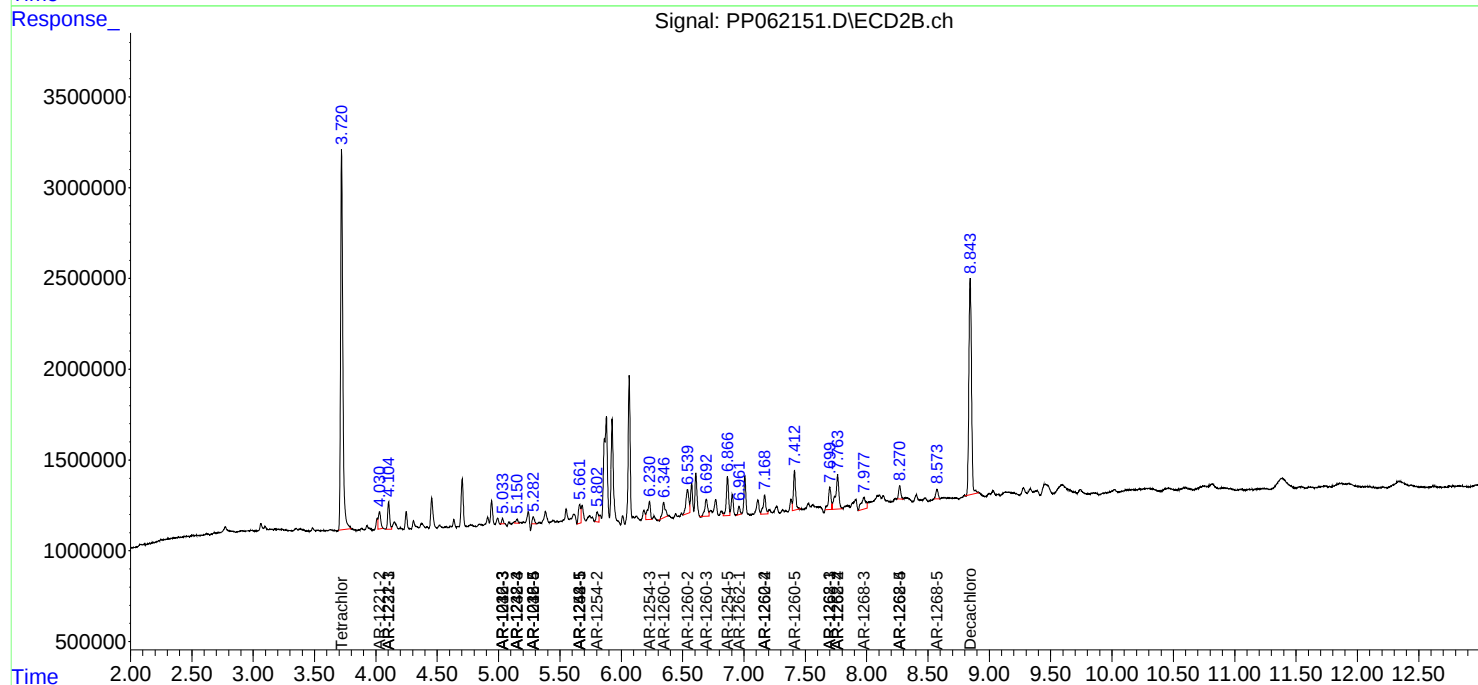
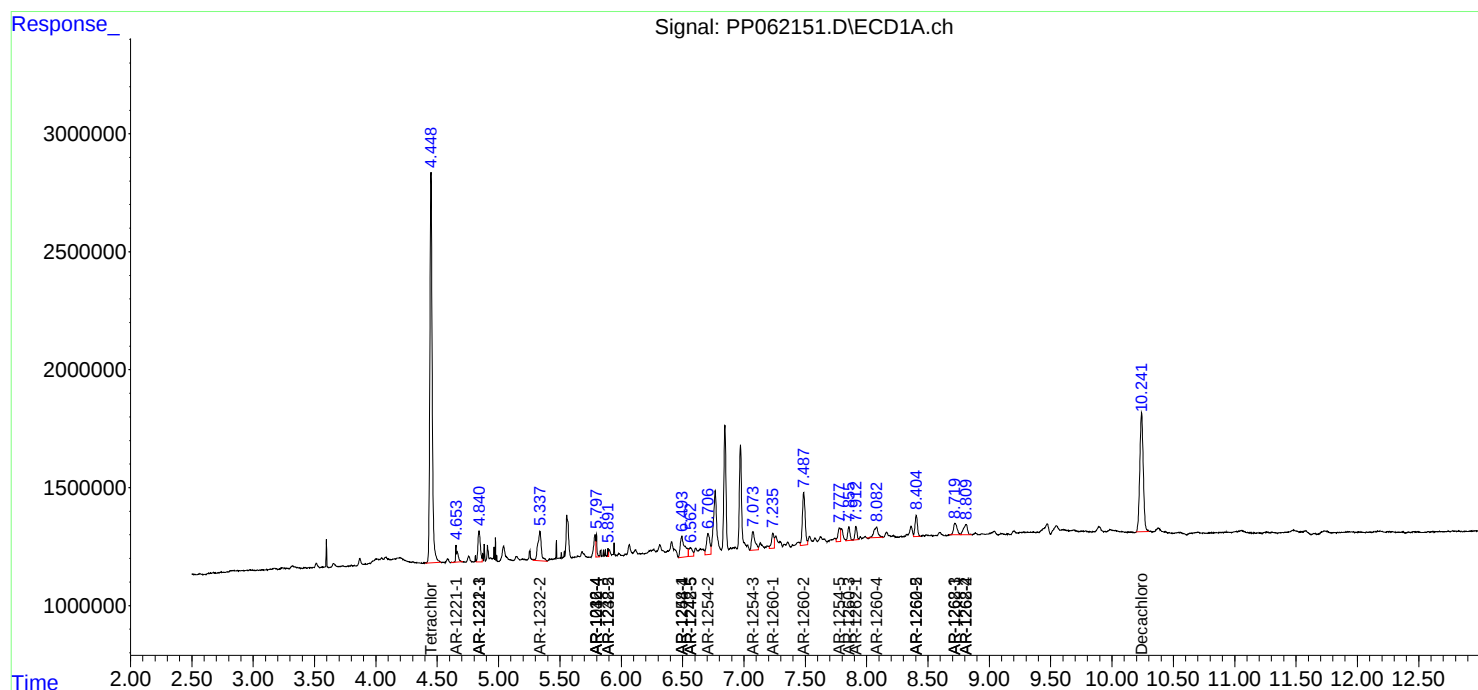
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

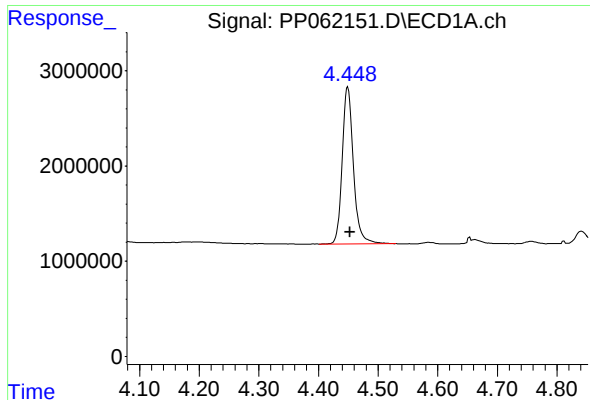
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120523\
Data File : PP062151.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2023 13:59
Operator : YP\AJ
Sample : 05600-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE

Integration File signal 1: autoint1.e
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

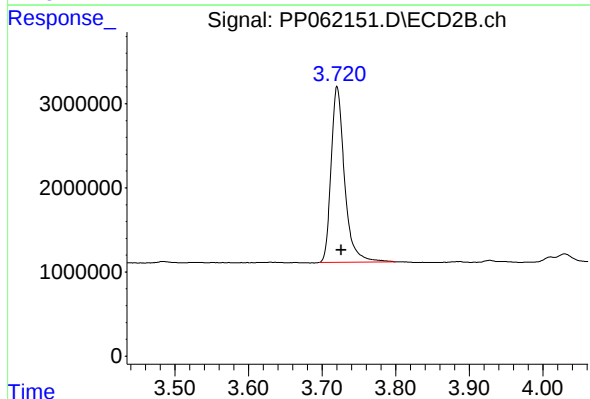




#1 Tetrachloro-m-xylene

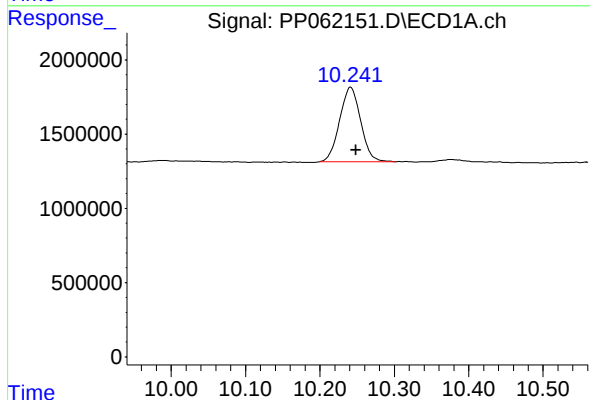
R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 21581255
Conc: 16.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



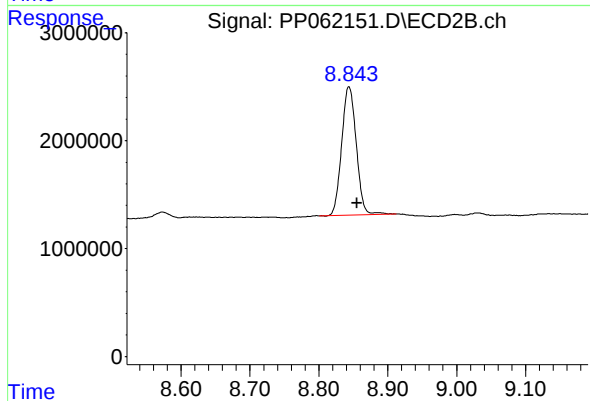
#1 Tetrachloro-m-xylene

R.T.: 3.720 min
Delta R.T.: -0.006 min
Response: 26485740
Conc: 14.72 ng/ml



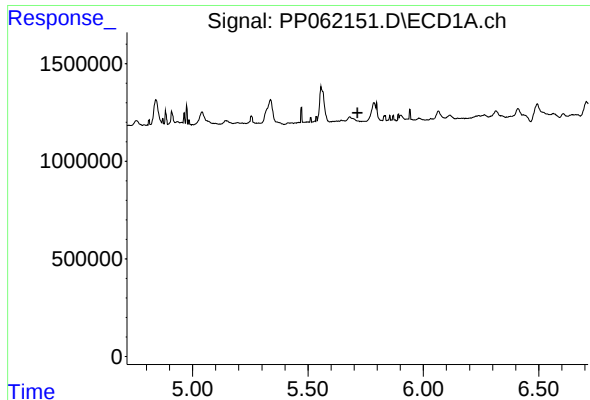
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: -0.007 min
Response: 9877607
Conc: 9.57 ng/ml



#2 Decachlorobiphenyl

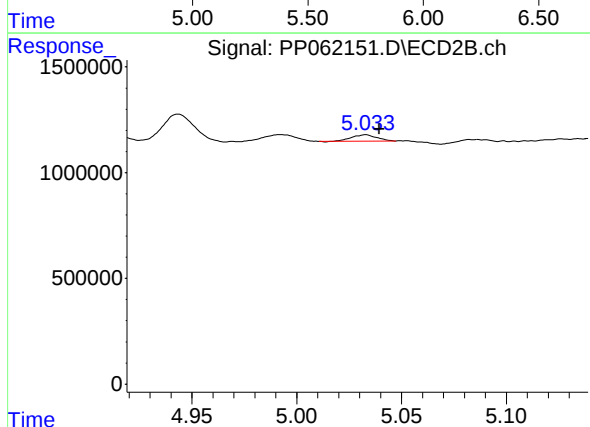
R.T.: 8.844 min
Delta R.T.: -0.012 min
Response: 17544516
Conc: 8.50 ng/ml



#5 AR-1016-3

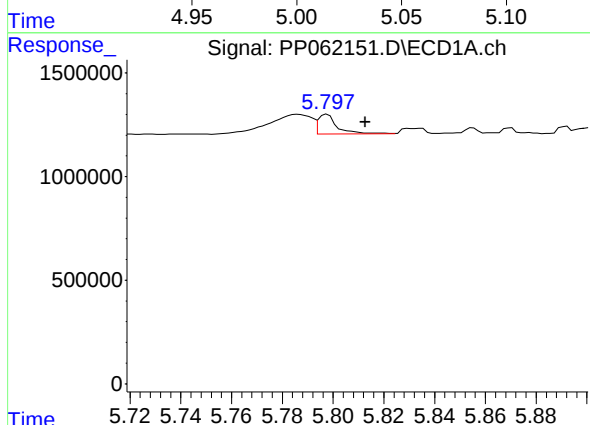
R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



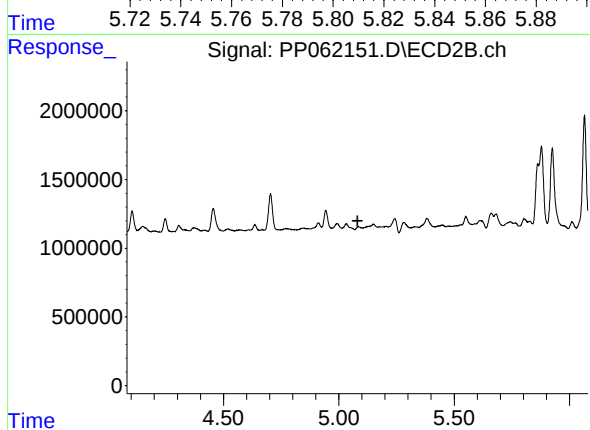
#5 AR-1016-3

R.T.: 5.033 min
Delta R.T.: -0.006 min
Response: 241614
Conc: 4.76 ng/ml



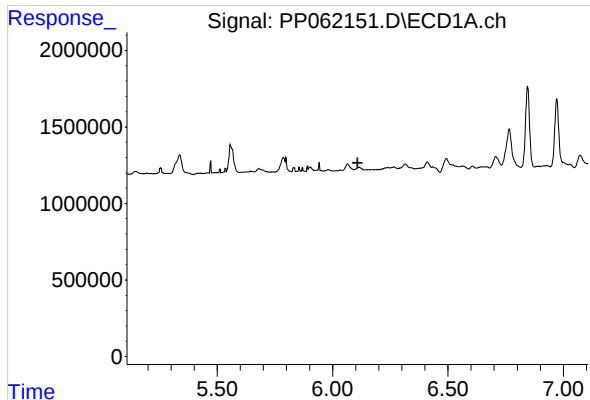
#6 AR-1016-4

R.T.: 5.798 min
Delta R.T.: -0.015 min
Response: 502765
Conc: 13.23 ng/ml



#6 AR-1016-4

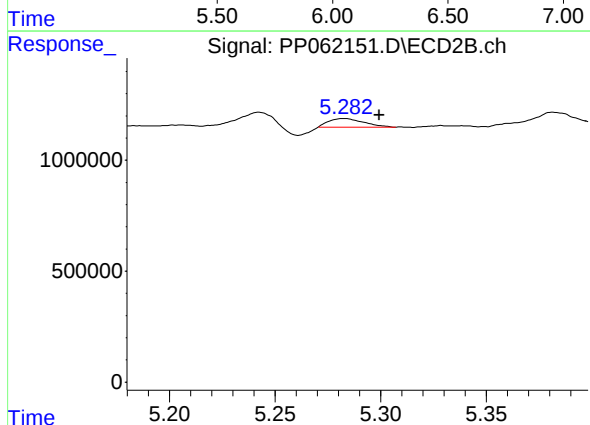
R.T.: 0.000 min
Exp R.T.: 5.081 min
Response: 0
Conc: N.D.



#7 AR-1016-5

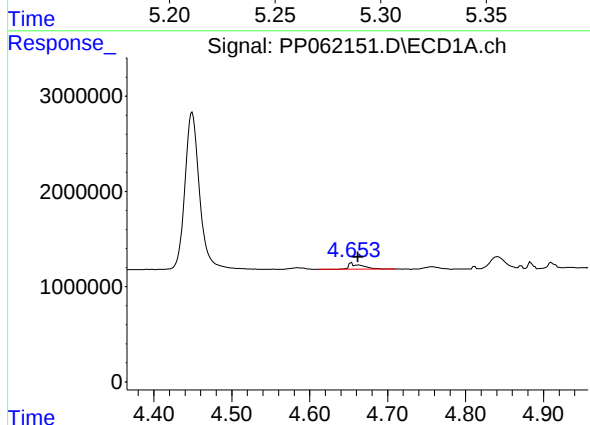
R.T.: 0.000 min
Exp R.T.: 6.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



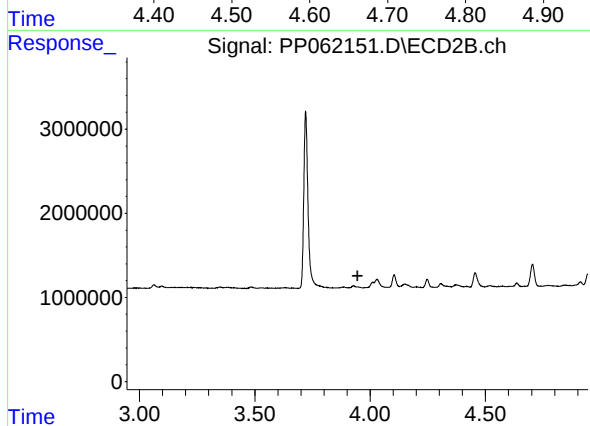
#7 AR-1016-5

R.T.: 5.283 min
Delta R.T.: -0.017 min
Response: 457148
Conc: 7.91 ng/ml



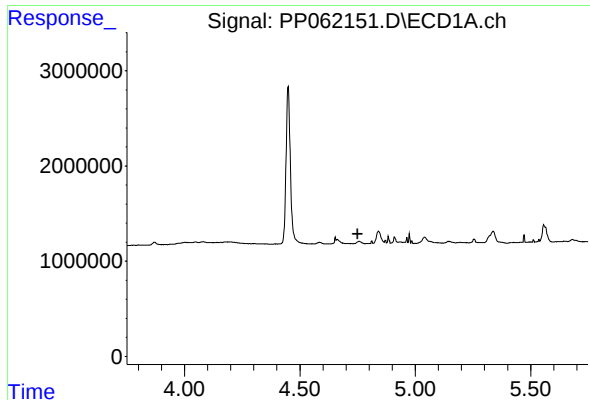
#8 AR-1221-1

R.T.: 4.653 min
Delta R.T.: -0.009 min
Response: 748566
Conc: 41.95 ng/ml



#8 AR-1221-1

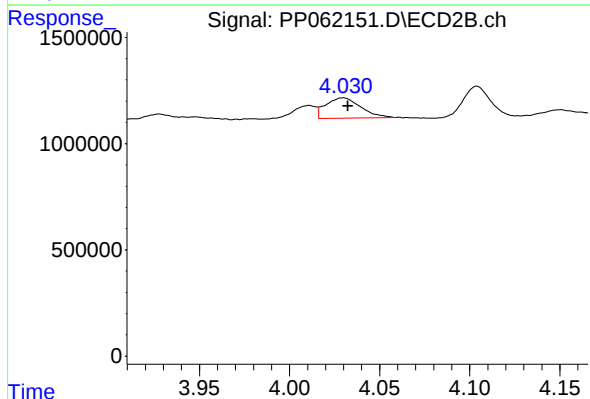
R.T.: 0.000 min
Exp R.T.: 3.945 min
Response: 0
Conc: N.D.



#9 AR-1221-2

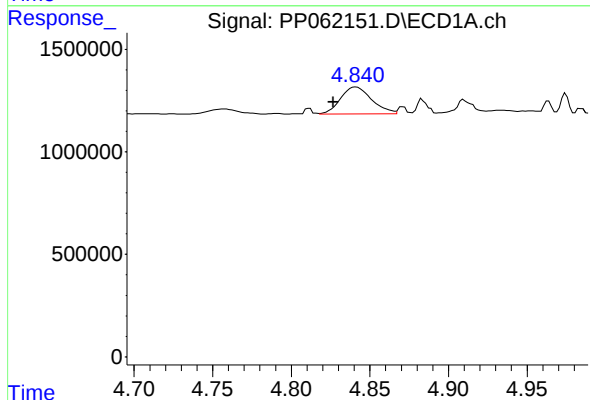
R.T.: 0.000 min
Exp R.T.: 4.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



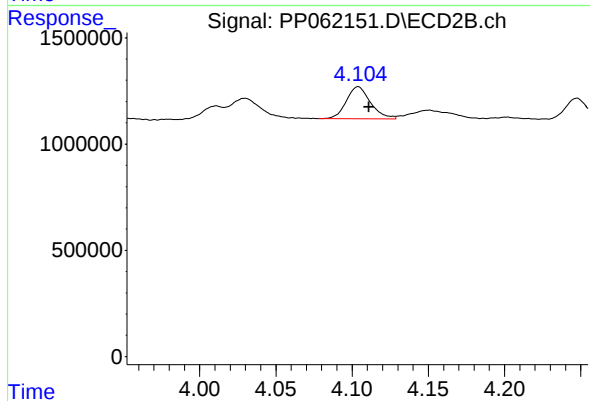
#9 AR-1221-2

R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 1274149
Conc: 66.99 ng/ml



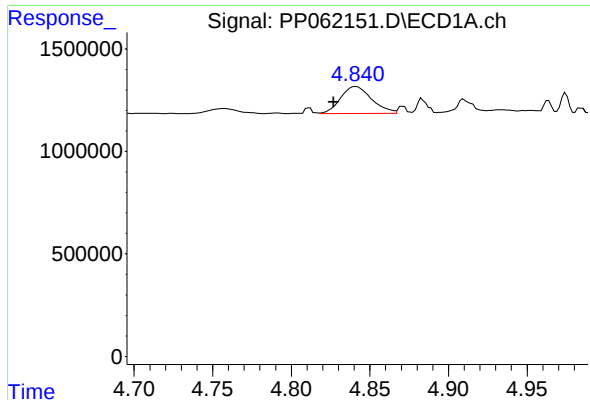
#10 AR-1221-3

R.T.: 4.841 min
Delta R.T.: 0.014 min
Response: 1820892
Conc: 45.76 ng/ml



#10 AR-1221-3

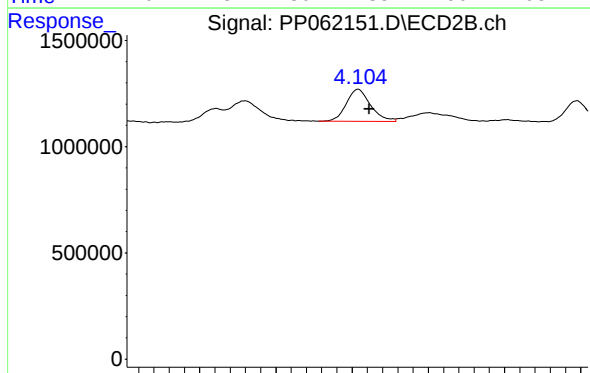
R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 1678922
Conc: 29.14 ng/ml



#11 AR-1232-1

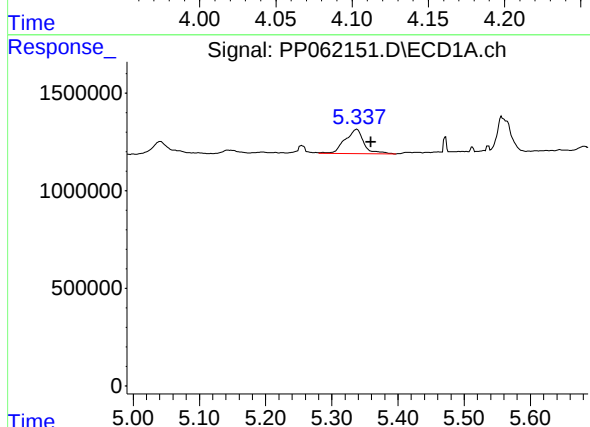
R.T.: 4.841 min
Delta R.T.: 0.014 min
Response: 1820892
Conc: 54.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



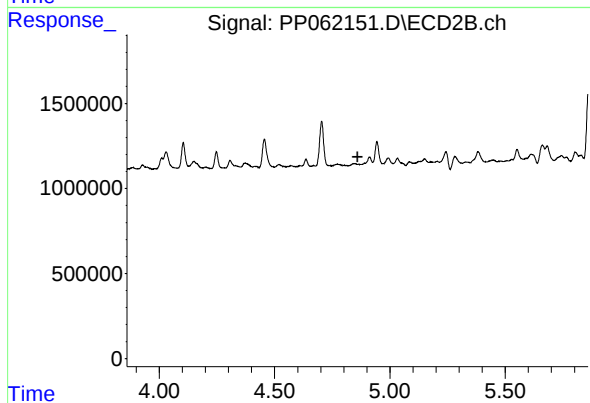
#11 AR-1232-1

R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 1678922
Conc: 35.66 ng/ml



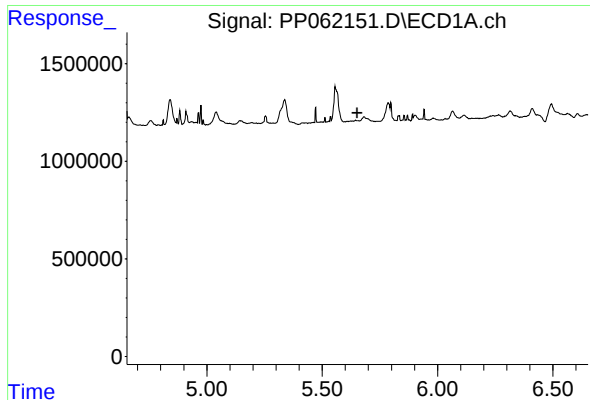
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: -0.022 min
Response: 2477069
Conc: 124.35 ng/ml



#12 AR-1232-2

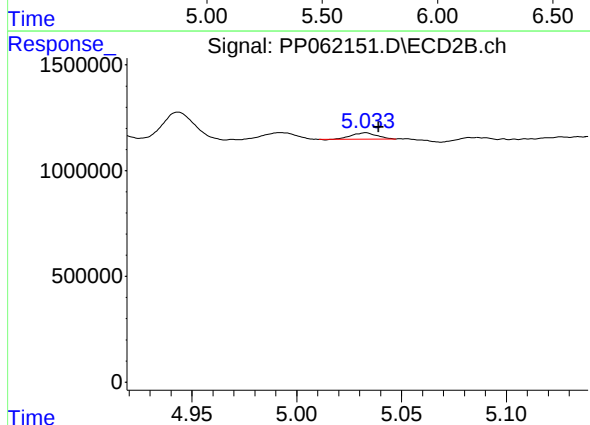
R.T.: 0.000 min
Exp R.T.: 4.859 min
Response: 0
Conc: N.D.



#13 AR-1232-3

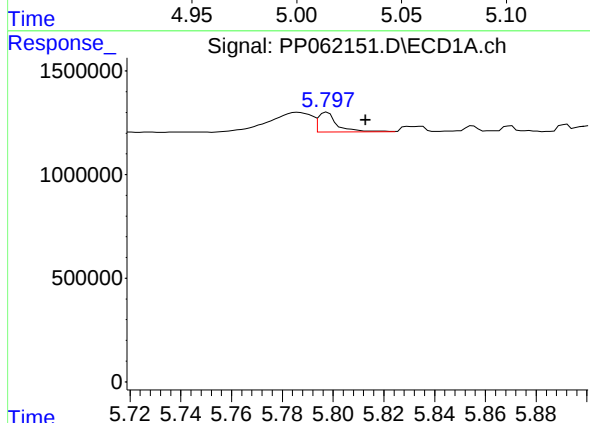
R.T.: 0.000 min
Exp R.T.: 5.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



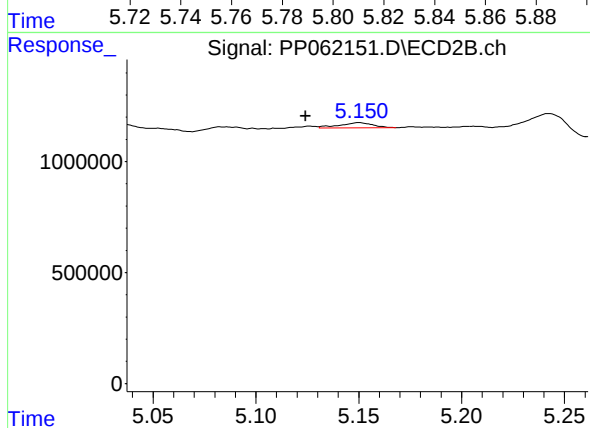
#13 AR-1232-3

R.T.: 5.033 min
Delta R.T.: -0.006 min
Response: 241614
Conc: 10.67 ng/ml



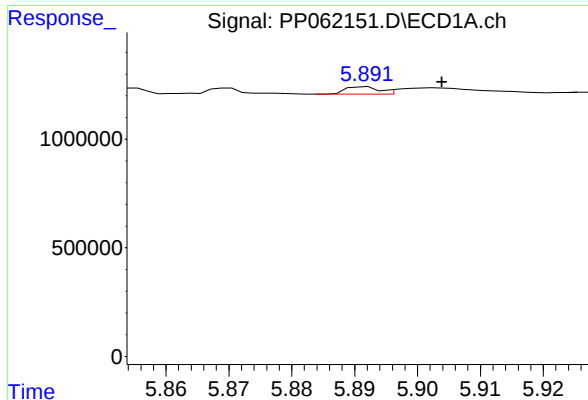
#14 AR-1232-4

R.T.: 5.798 min
Delta R.T.: -0.015 min
Response: 502765
Conc: 29.76 ng/ml



#14 AR-1232-4

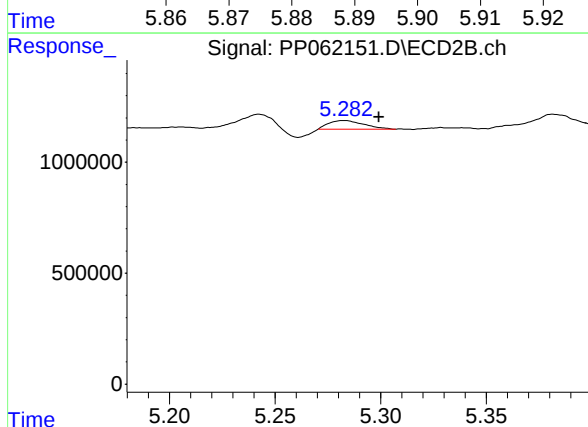
R.T.: 5.150 min
Delta R.T.: 0.026 min
Response: 256168
Conc: 11.22 ng/ml



#15 AR-1232-5

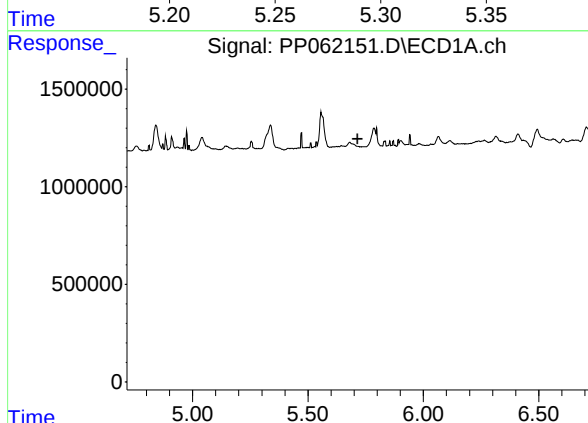
R.T.: 5.892 min
Delta R.T.: -0.012 min
Response: 125044
Conc: 8.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



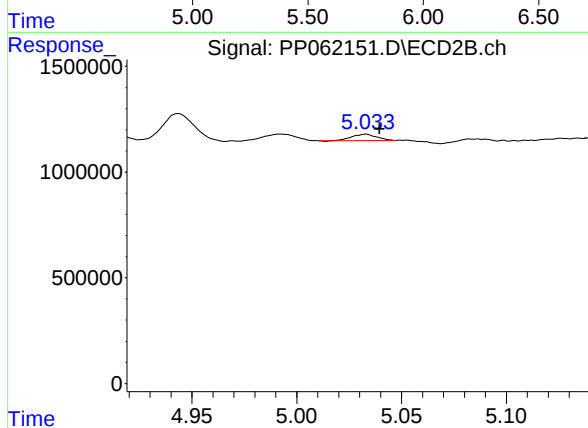
#15 AR-1232-5

R.T.: 5.283 min
Delta R.T.: -0.016 min
Response: 457148
Conc: 17.96 ng/ml



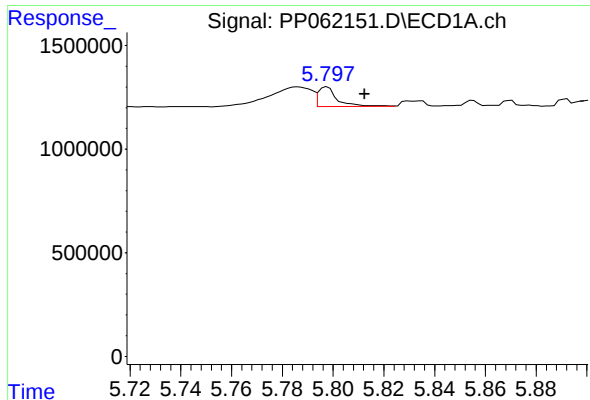
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.



#18 AR-1242-3

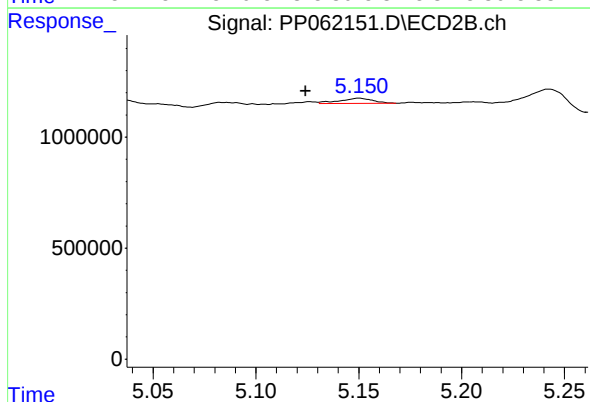
R.T.: 5.033 min
Delta R.T.: -0.007 min
Response: 241614
Conc: 5.96 ng/ml



#19 AR-1242-4

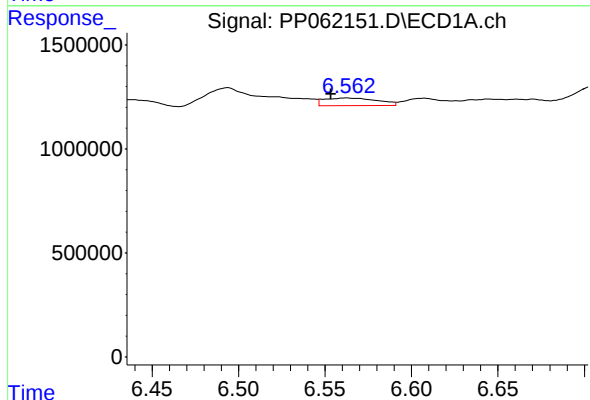
R.T.: 5.798 min
Delta R.T.: -0.015 min
Response: 502765
Conc: 16.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



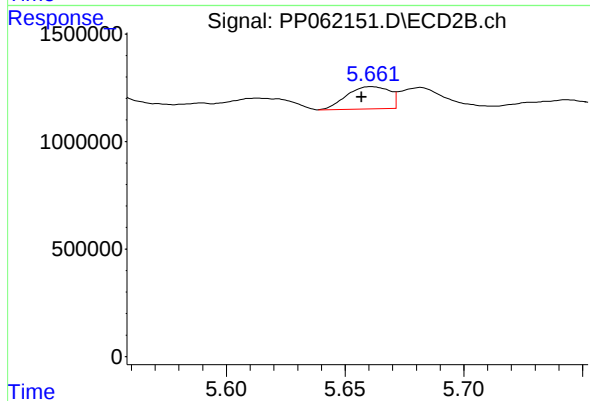
#19 AR-1242-4

R.T.: 5.150 min
Delta R.T.: 0.026 min
Response: 256168
Conc: 5.68 ng/ml



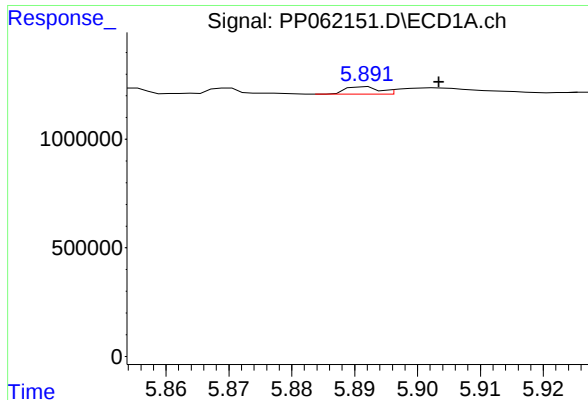
#20 AR-1242-5

R.T.: 6.563 min
Delta R.T.: 0.009 min
Response: 780929
Conc: 26.05 ng/ml



#20 AR-1242-5

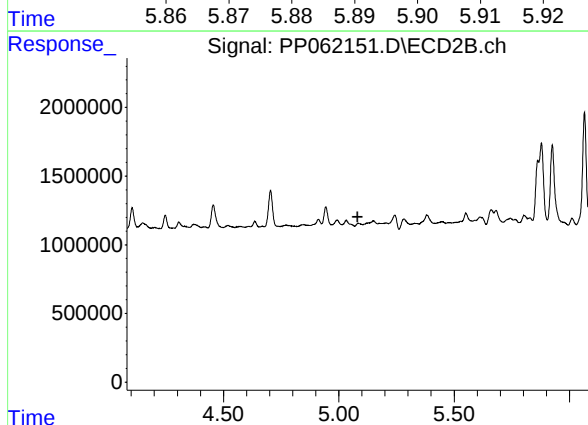
R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 1285436
Conc: 24.56 ng/ml



#22 AR-1248-2

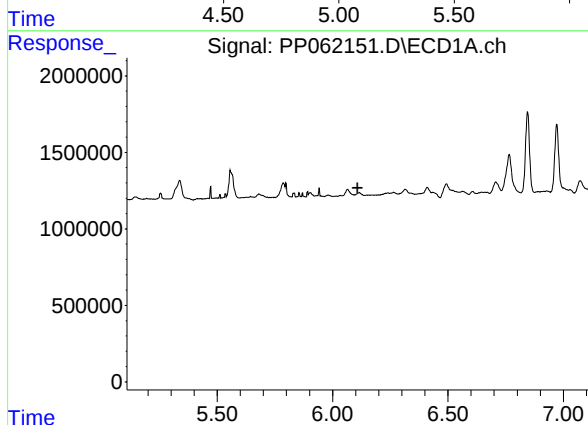
R.T.: 5.892 min
Delta R.T.: -0.012 min
Response: 125044
Conc: 2.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



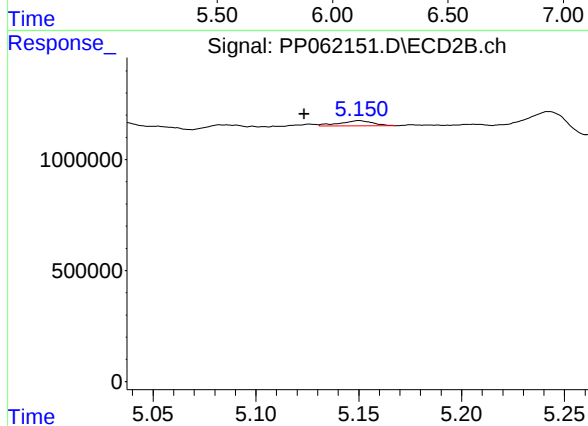
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 5.081 min
Response: 0
Conc: N.D.



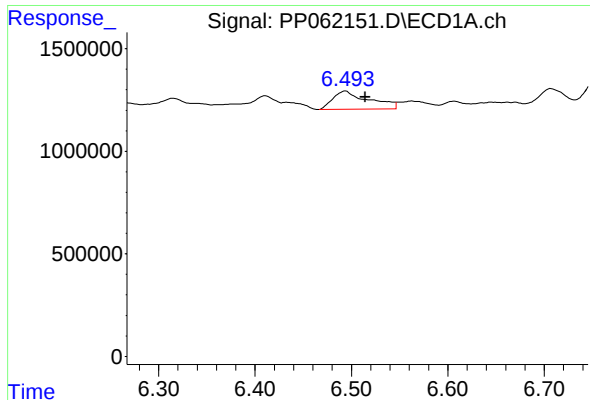
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 6.108 min
Response: 0
Conc: N.D.



#23 AR-1248-3

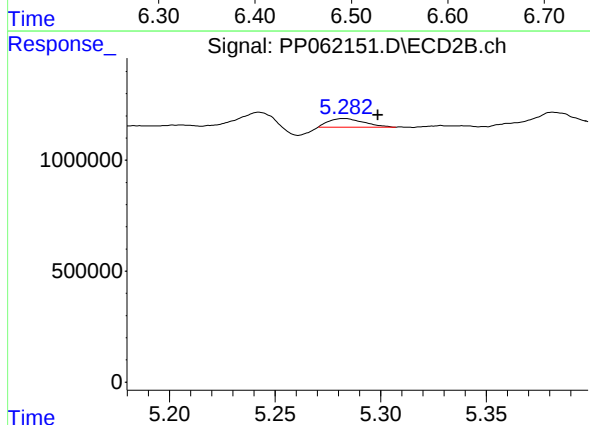
R.T.: 5.150 min
Delta R.T.: 0.027 min
Response: 256168
Conc: 3.91 ng/ml



#24 AR-1248-4

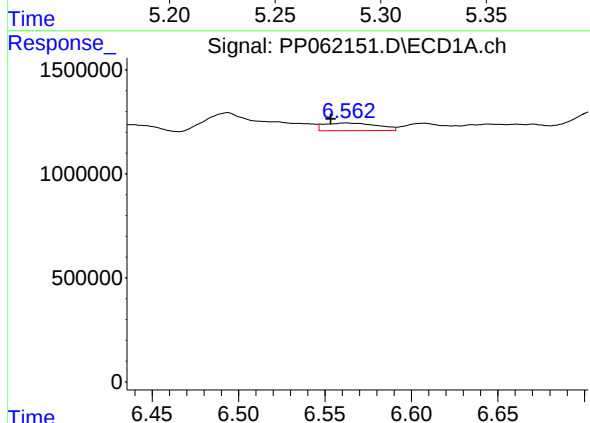
R.T.: 6.494 min
Delta R.T.: -0.021 min
Response: 2303255
Conc: 45.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



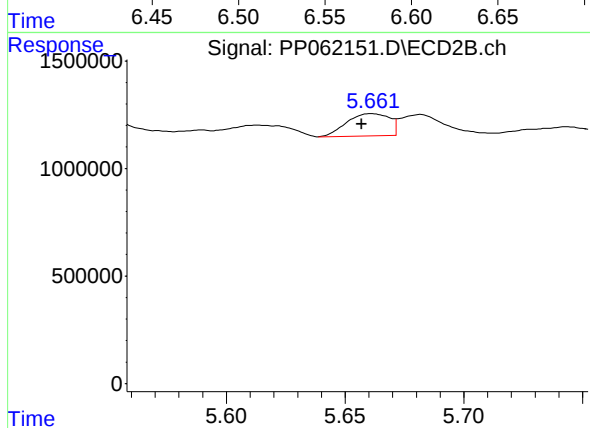
#24 AR-1248-4

R.T.: 5.283 min
Delta R.T.: -0.016 min
Response: 457148
Conc: 5.94 ng/ml



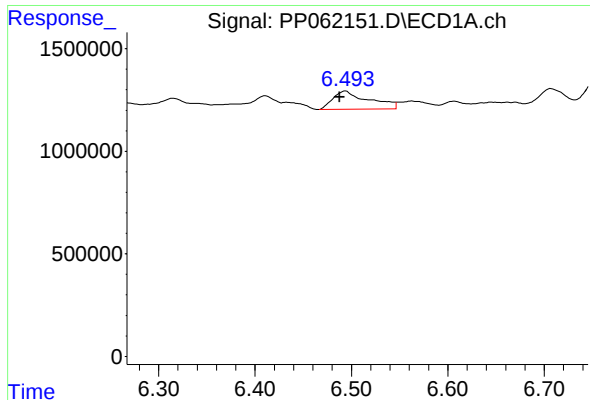
#25 AR-1248-5

R.T.: 6.563 min
Delta R.T.: 0.009 min
Response: 780929
Conc: 15.11 ng/ml



#25 AR-1248-5

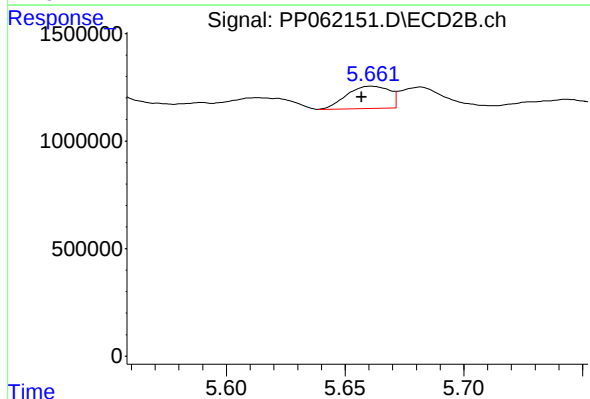
R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 1285436
Conc: 12.86 ng/ml



#26 AR-1254-1

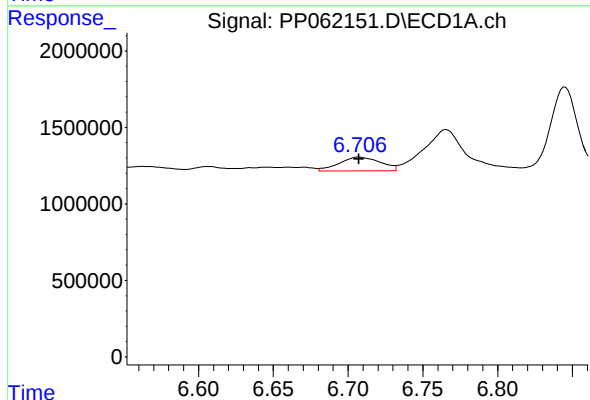
R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 2303255
Conc: 41.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



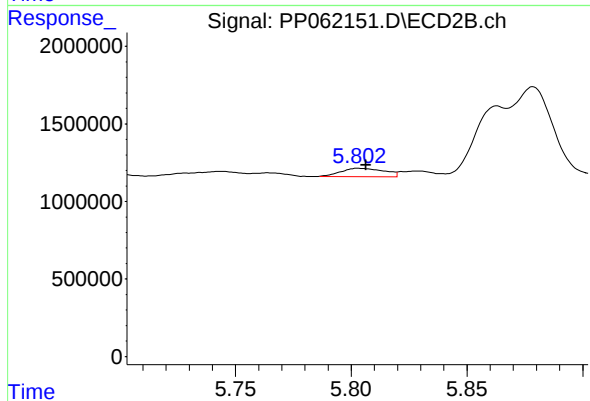
#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: 0.004 min
Response: 1285436
Conc: 11.81 ng/ml



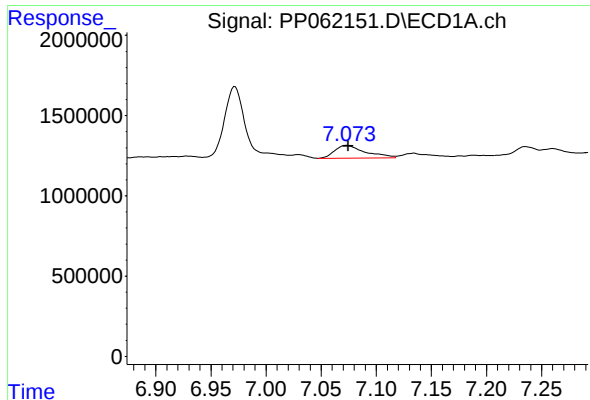
#27 AR-1254-2

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 1731724
Conc: 20.77 ng/ml



#27 AR-1254-2

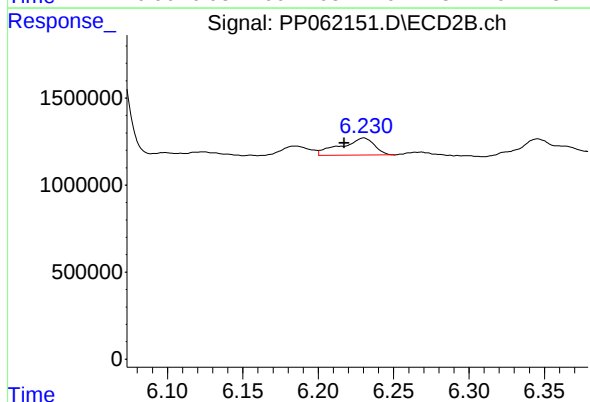
R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 705433
Conc: 7.03 ng/ml



#28 AR-1254-3

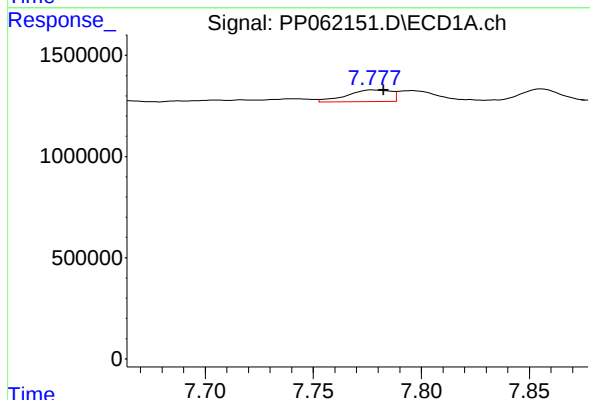
R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 1547468
Conc: 18.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



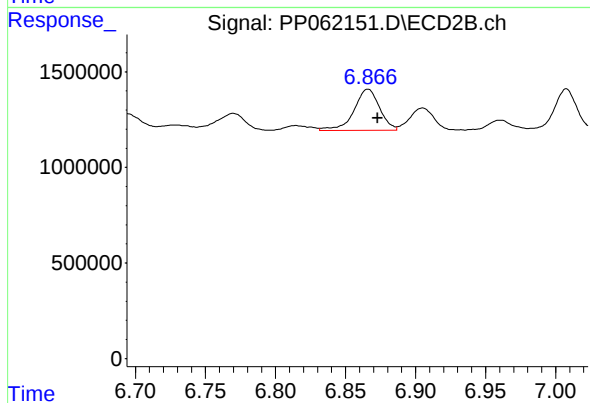
#28 AR-1254-3

R.T.: 6.230 min
Delta R.T.: 0.013 min
Response: 1525427
Conc: 9.76 ng/ml



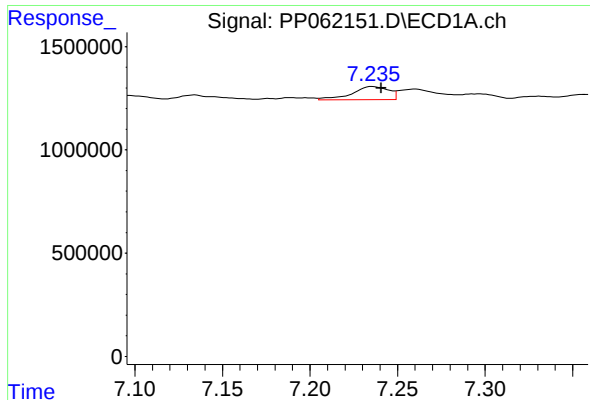
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.005 min
Response: 821534
Conc: 12.90 ng/ml



#30 AR-1254-5

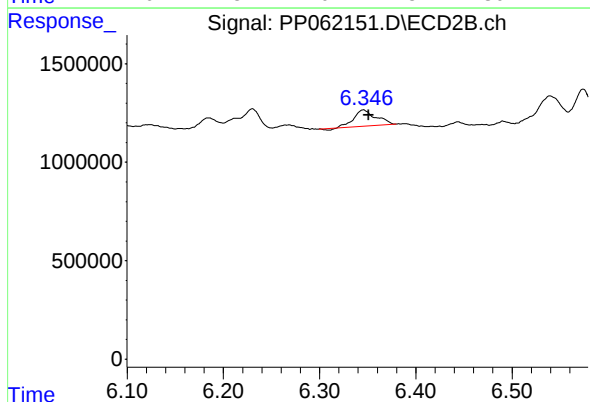
R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 2747364
Conc: 19.47 ng/ml



#31 AR-1260-1

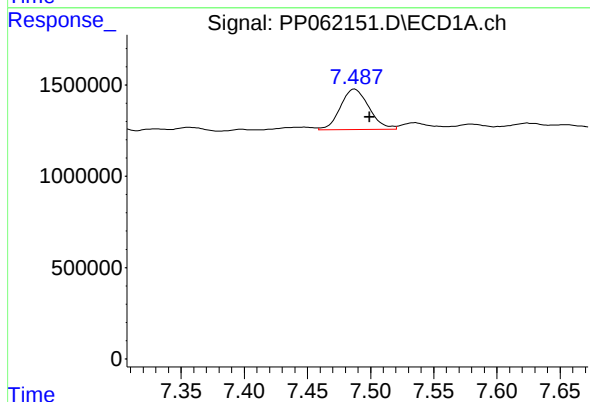
R.T.: 7.236 min
Delta R.T.: -0.005 min
Response: 932763
Conc: 13.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



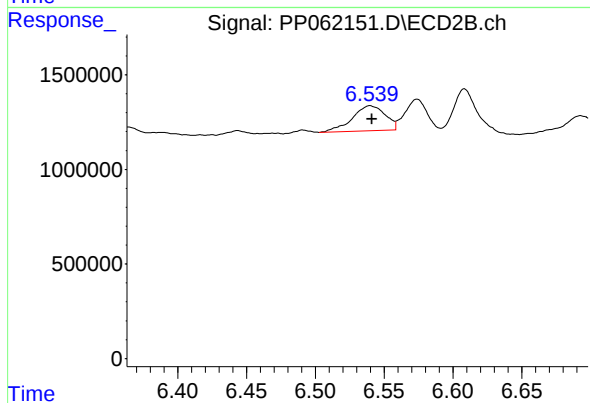
#31 AR-1260-1

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 1312540
Conc: 11.28 ng/ml



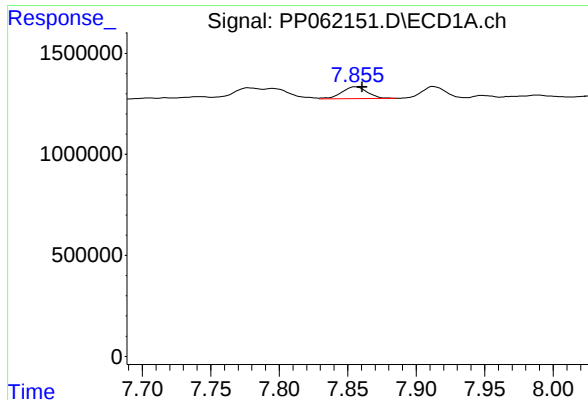
#32 AR-1260-2

R.T.: 7.487 min
Delta R.T.: -0.012 min
Response: 3499858
Conc: 46.47 ng/ml



#32 AR-1260-2

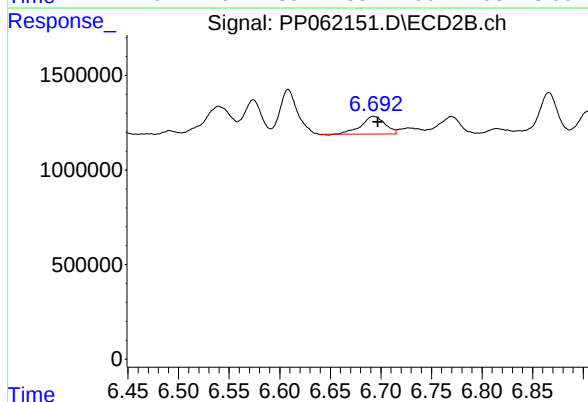
R.T.: 6.539 min
Delta R.T.: -0.002 min
Response: 2192923
Conc: 16.09 ng/ml



#33 AR-1260-3

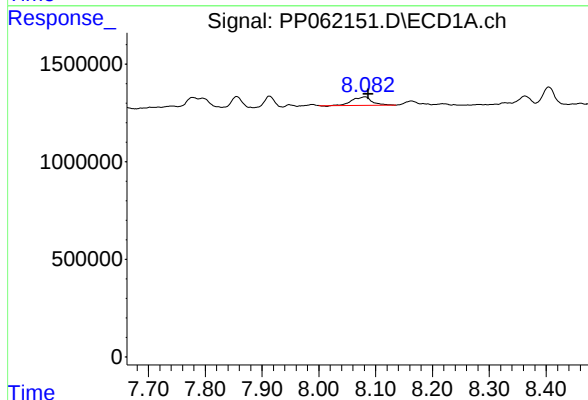
R.T.: 7.856 min
Delta R.T.: -0.005 min
Response: 769661
Conc: 14.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



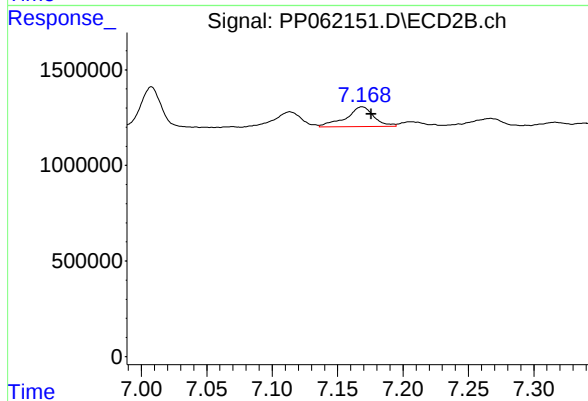
#33 AR-1260-3

R.T.: 6.693 min
Delta R.T.: -0.005 min
Response: 1512022
Conc: 11.56 ng/ml



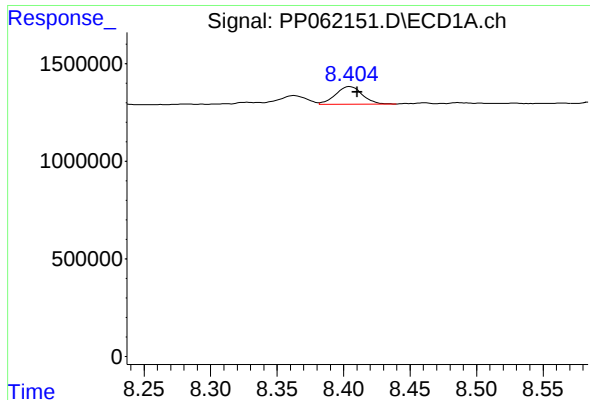
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.005 min
Response: 1072398
Conc: 17.57 ng/ml



#34 AR-1260-4

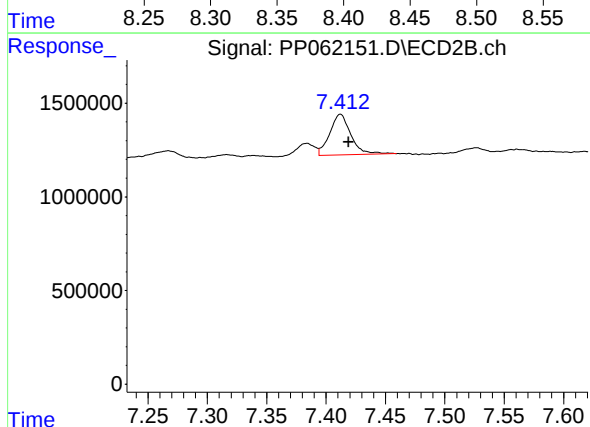
R.T.: 7.169 min
Delta R.T.: -0.007 min
Response: 1538340
Conc: 15.60 ng/ml



#35 AR-1260-5

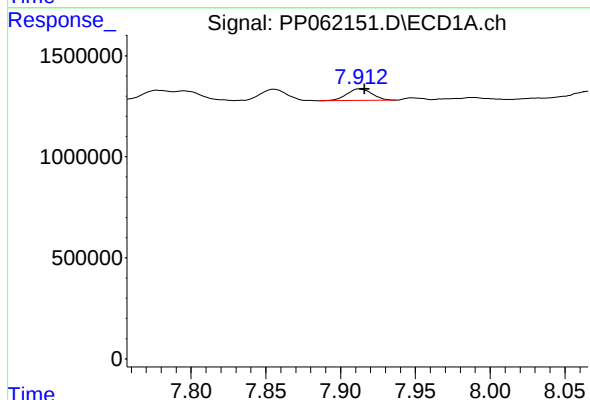
R.T.: 8.405 min
Delta R.T.: -0.006 min
Response: 1255827
Conc: 12.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



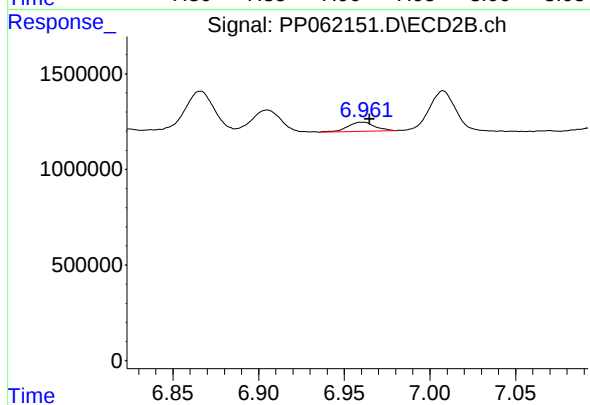
#35 AR-1260-5

R.T.: 7.412 min
Delta R.T.: -0.007 min
Response: 2672406
Conc: 12.48 ng/ml



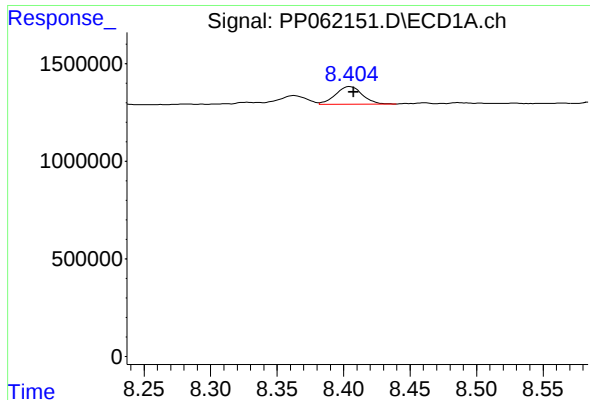
#36 AR-1262-1

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 664426
Conc: 18.78 ng/ml



#36 AR-1262-1

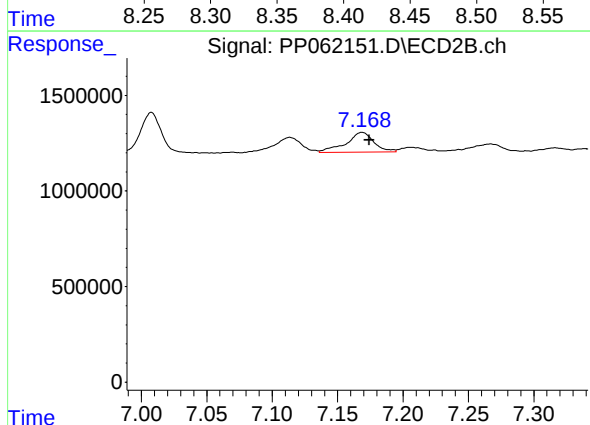
R.T.: 6.961 min
Delta R.T.: -0.004 min
Response: 516528
Conc: 8.13 ng/ml



#37 AR-1262-2

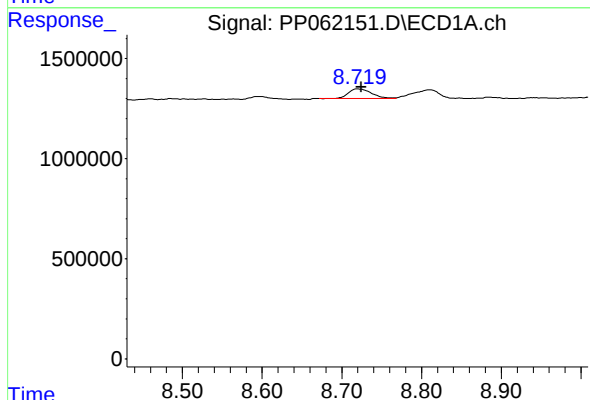
R.T.: 8.405 min
Delta R.T.: -0.003 min
Response: 1255827
Conc: 10.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



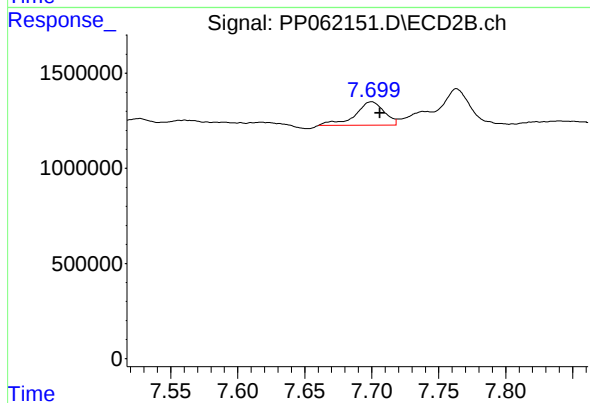
#37 AR-1262-2

R.T.: 7.169 min
Delta R.T.: -0.006 min
Response: 1538340
Conc: 11.39 ng/ml



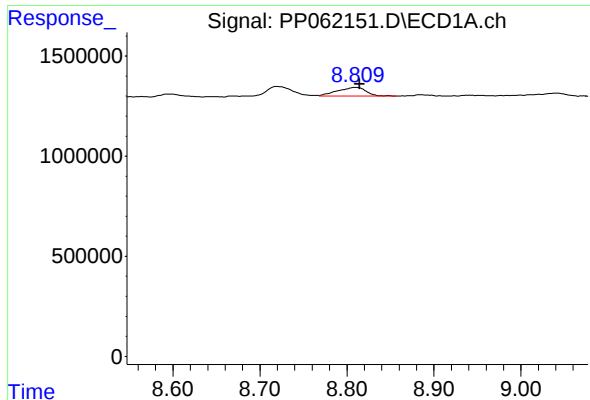
#38 AR-1262-3

R.T.: 8.720 min
Delta R.T.: -0.005 min
Response: 1001683
Conc: 11.44 ng/ml



#38 AR-1262-3

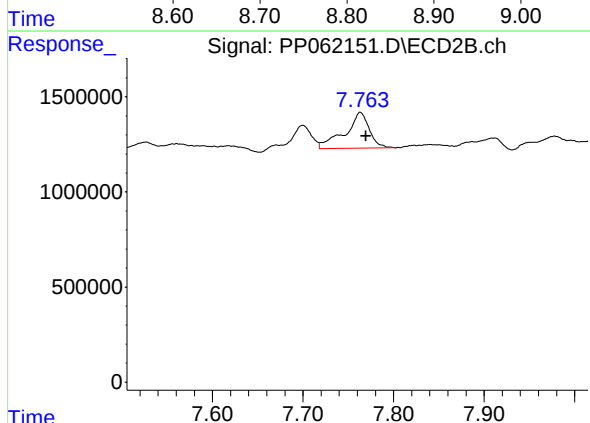
R.T.: 7.700 min
Delta R.T.: -0.006 min
Response: 1852019
Conc: 17.70 ng/ml



#39 AR-1262-4

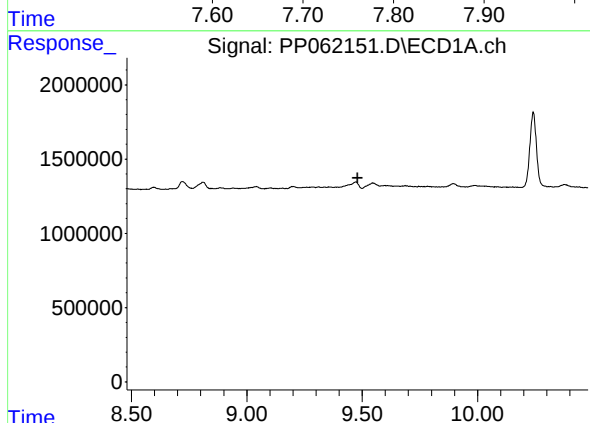
R.T.: 8.811 min
Delta R.T.: -0.004 min
Response: 1007832
Conc: 13.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



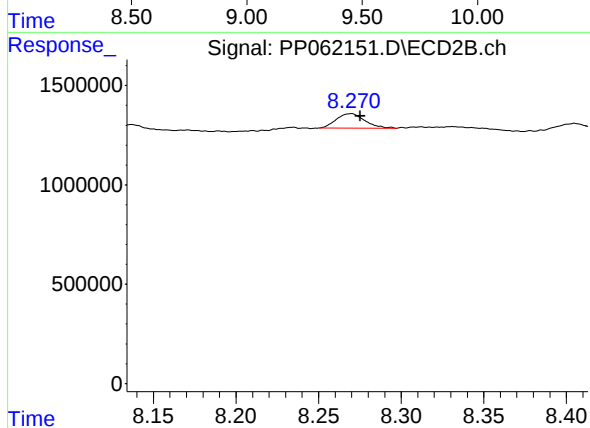
#39 AR-1262-4

R.T.: 7.763 min
Delta R.T.: -0.006 min
Response: 3498669
Conc: 19.41 ng/ml



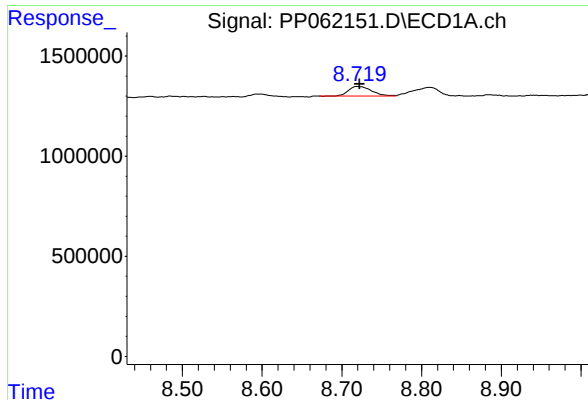
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.479 min
Response: 0
Conc: N.D.



#40 AR-1262-5

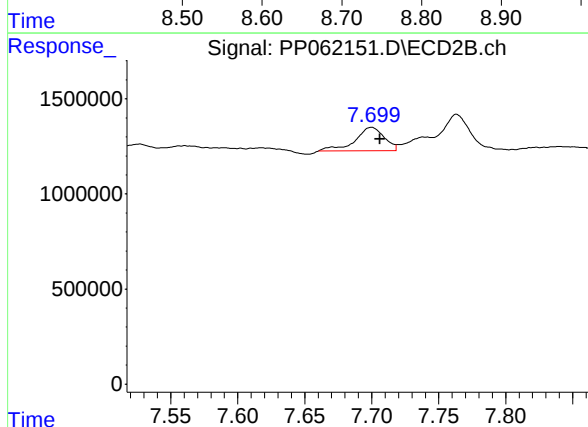
R.T.: 8.270 min
Delta R.T.: -0.006 min
Response: 872016
Conc: 11.42 ng/ml



#41 AR-1268-1

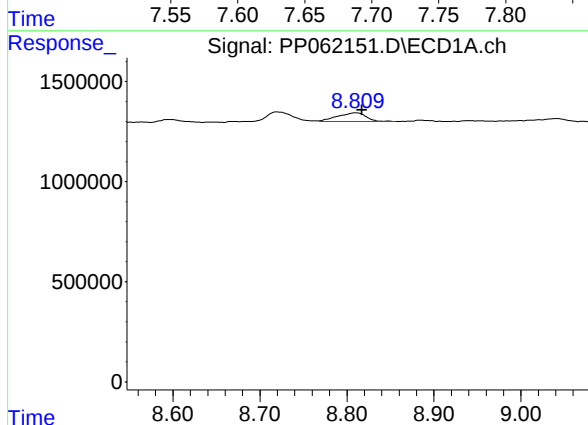
R.T.: 8.720 min
Delta R.T.: -0.003 min
Response: 1001683
Conc: 6.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



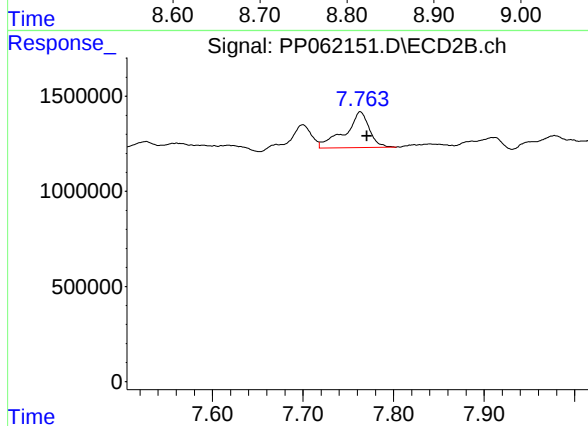
#41 AR-1268-1

R.T.: 7.700 min
Delta R.T.: -0.006 min
Response: 1852019
Conc: 6.17 ng/ml



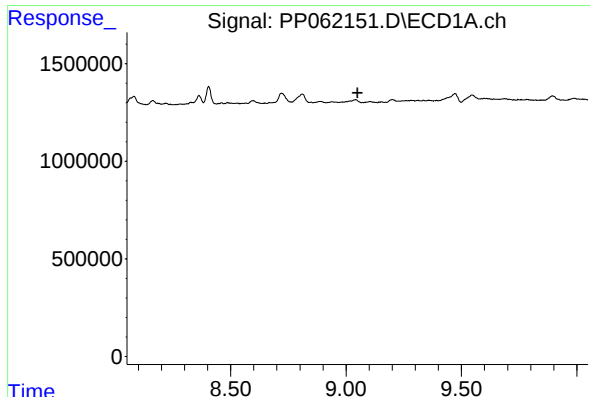
#42 AR-1268-2

R.T.: 8.811 min
Delta R.T.: -0.007 min
Response: 1007832
Conc: 7.17 ng/ml



#42 AR-1268-2

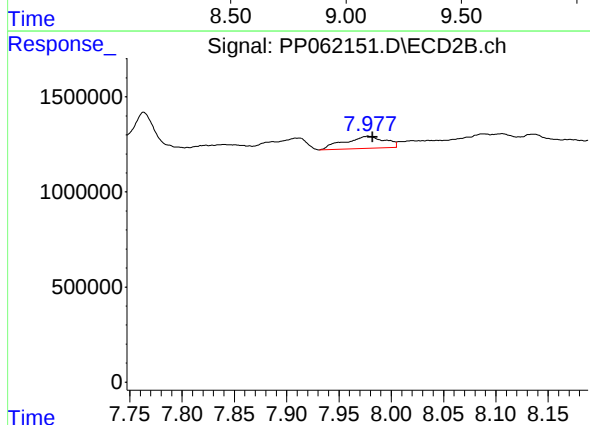
R.T.: 7.763 min
Delta R.T.: -0.007 min
Response: 3498669
Conc: 13.18 ng/ml



#43 AR-1268-3

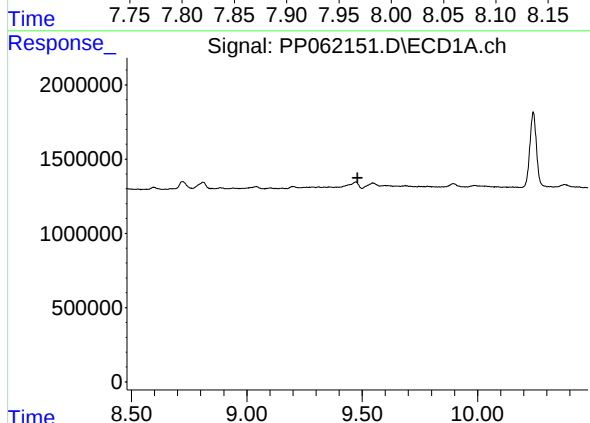
R.T.: 0.000 min
Exp R.T.: 9.049 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



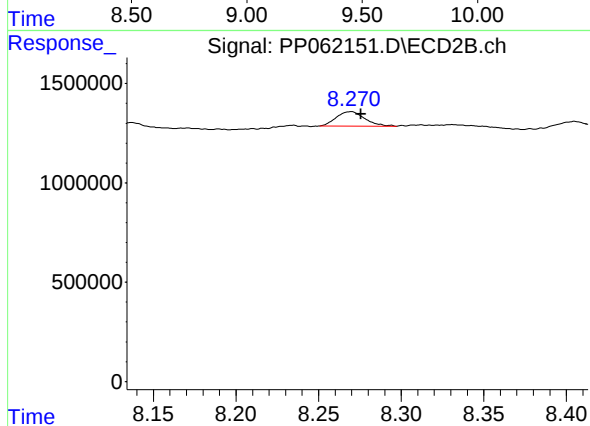
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: -0.004 min
Response: 1686489
Conc: 6.94 ng/ml



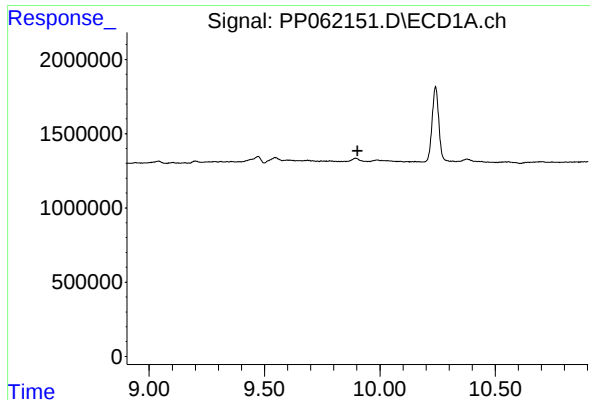
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.479 min
Response: 0
Conc: N.D.



#44 AR-1268-4

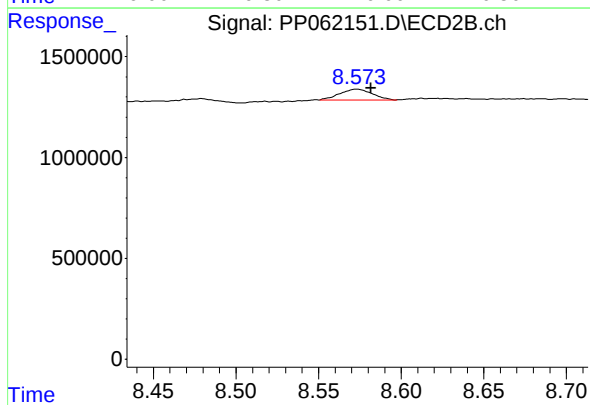
R.T.: 8.270 min
Delta R.T.: -0.006 min
Response: 872016
Conc: 10.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.903 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-3RE



#45 AR-1268-5

R.T.: 8.573 min
Delta R.T.: -0.009 min
Response: 724544
Conc: 1.05 ng/ml