

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120523\
 Data File : PP062149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2023 13:27
 Operator : YP\AJ
 Sample : 05600-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-1RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:23:14 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	3.721	22527165	27312536	17.112	15.179
2) SA Decachlor...	10.240	8.843	10590600	18590384	10.262	9.007
Target Compounds						
5) L1 AR-1016-3	0.000	5.032	0	305440	N.D.	6.021 #
6) L1 AR-1016-4	5.786f	0.000	1318039	0	34.677	N.D. #
7) L1 AR-1016-5	0.000	5.282f	0	427312	N.D.	7.392 #
8) L2 AR-1221-1	4.664	0.000	1019531	0	57.131	N.D. #
9) L2 AR-1221-2	0.000	4.028	0	1330975	N.D.	69.973 #
10) L2 AR-1221-3	4.841	4.104	1287159	1056759	32.350	18.343 #
11) L3 AR-1232-1	4.841	4.104	1287159	1056759	38.671	22.443 #
12) L3 AR-1232-2	5.337f	0.000	2585812	0	129.805	N.D. #
13) L3 AR-1232-3	0.000	5.032	0	305440	N.D.	13.483 #
14) L3 AR-1232-4	5.786f	0.000	1318039	0	78.014	N.D. #
15) L3 AR-1232-5	0.000	5.282f	0	427312	N.D.	16.791 #
18) L4 AR-1242-3	0.000	5.032	0	305440	N.D.	7.537 #
19) L4 AR-1242-4	5.786f	0.000	1318039	0	43.462	N.D. #
20) L4 AR-1242-5	0.000	5.660	0	1365824	N.D.	26.100 #
24) L5 AR-1248-4	6.492f	5.282f	2558658	427312	50.480	5.551 #
25) L5 AR-1248-5	0.000	5.660	0	1365824	N.D.	13.667 #
26) L6 AR-1254-1	6.492	5.660	2558658	1365824	45.607	12.544 #
27) L6 AR-1254-2	6.705	5.802	759277	934662	9.106	9.313
28) L6 AR-1254-3	7.071	6.213	1624141	599104	19.632	3.835 #
29) L6 AR-1254-4	0.000	6.443	0	200502	N.D.	2.523 #
30) L6 AR-1254-5	7.777	6.866	927647	2992304	14.563	21.203 #
31) L7 AR-1260-1	7.235	6.345	813095	1340983	11.903	11.523
32) L7 AR-1260-2	7.487	6.534	3241340	1566594	43.034	11.498 #
33) L7 AR-1260-3	7.855	6.692	791706	524201	15.282	4.006 #
34) L7 AR-1260-4	8.080	7.168	1217653	1691534	19.953	17.152
35) L7 AR-1260-5	8.404	7.411	1268713	2558581	12.652	11.949
36) L8 AR-1262-1	7.913	6.959	638313	532488	18.038	8.382 #
37) L8 AR-1262-2	8.404	7.168	1268713	1691534	10.699	12.523
38) L8 AR-1262-3	8.722	7.700	937729	1364629	10.706	13.043
39) L8 AR-1262-4	8.809	7.763	951076	3329806	12.629	18.473 #
40) L8 AR-1262-5	0.000	8.268	0	727936	N.D.	9.529 #
41) L9 AR-1268-1	8.722	7.700	937729	1364629	6.227	4.550 #
42) L9 AR-1268-2	8.809	7.763	951076	3329806	6.770	12.548 #
43) L9 AR-1268-3	0.000	7.976	0	1906619	N.D.	7.849 #
44) L9 AR-1268-4	0.000	8.268	0	727936	N.D.	8.431 #
45) L9 AR-1268-5	0.000	8.573	0	605712	N.D.	0.876 #

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

Instrument :

ECD_P

ClientSampleId :

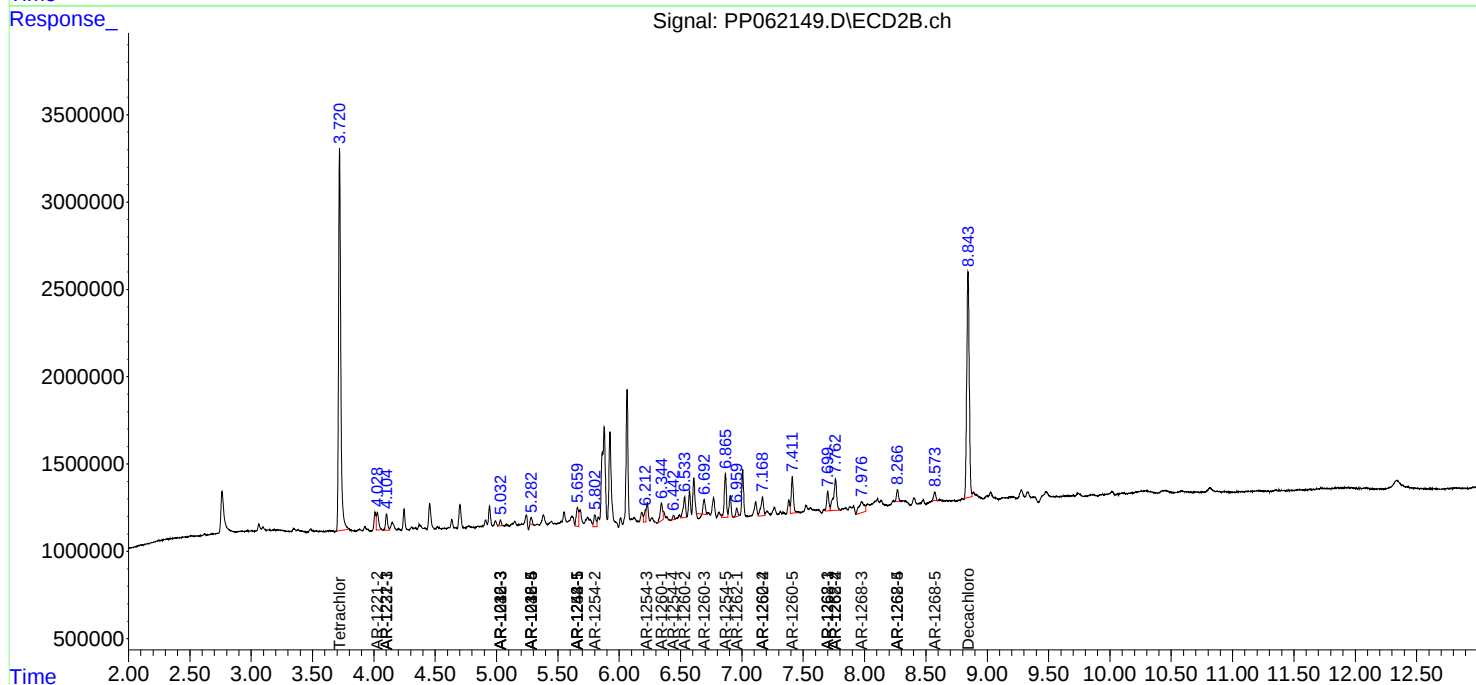
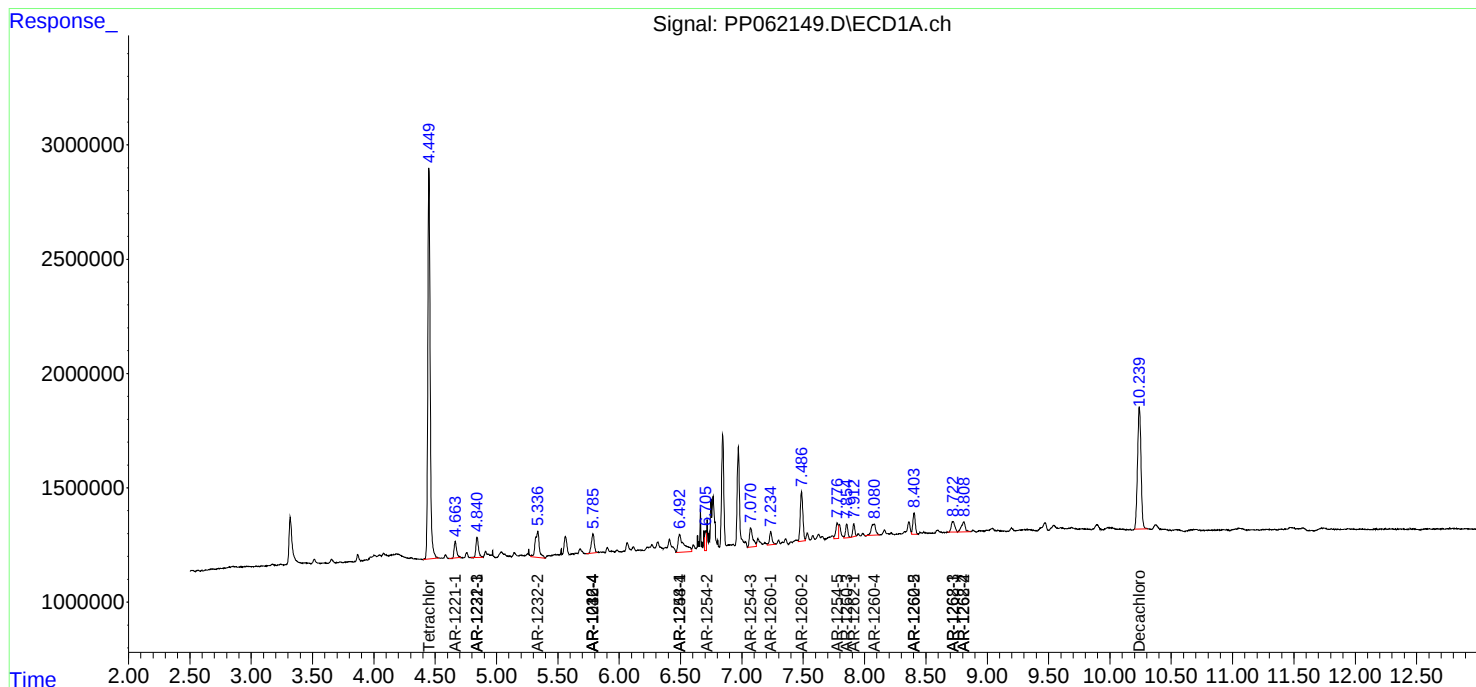
TOPSOIL-LKWD-DENALI-1RE

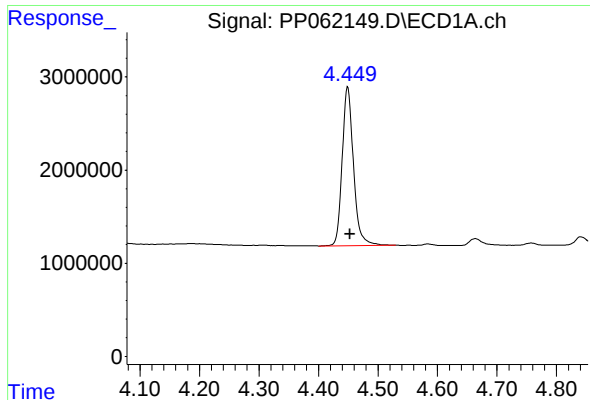
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120523\
Data File : PP062149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2023 13:27
Operator : YP\AJ
Sample : 05600-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:23:14 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

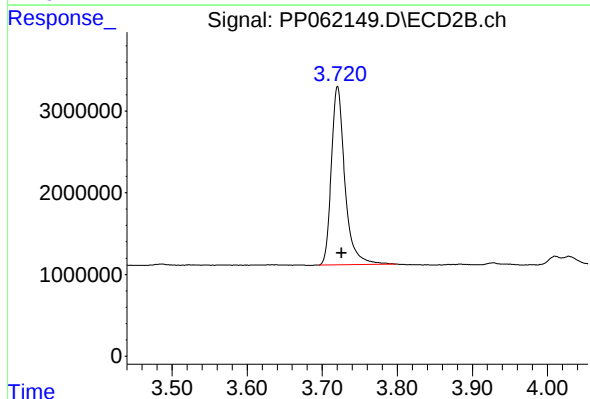




#1 Tetrachloro-m-xylene

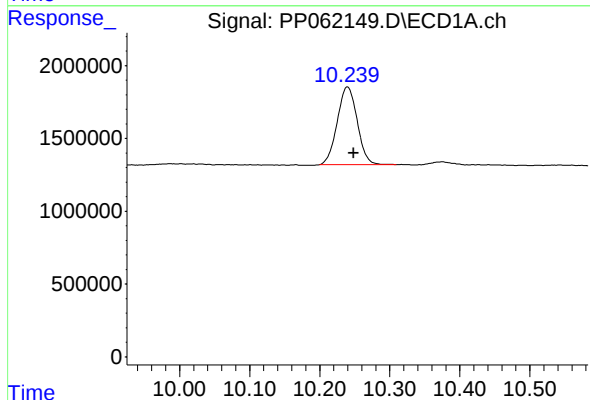
R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 22527165
Conc: 17.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



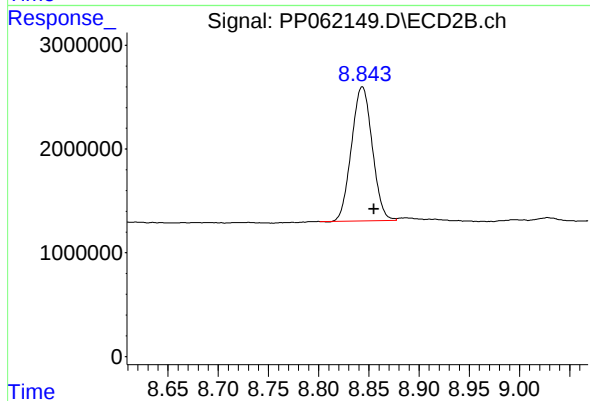
#1 Tetrachloro-m-xylene

R.T.: 3.721 min
Delta R.T.: -0.005 min
Response: 27312536
Conc: 15.18 ng/ml



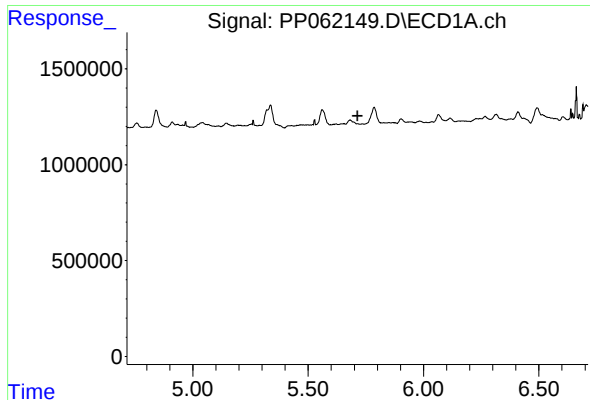
#2 Decachlorobiphenyl

R.T.: 10.240 min
Delta R.T.: -0.009 min
Response: 10590600
Conc: 10.26 ng/ml



#2 Decachlorobiphenyl

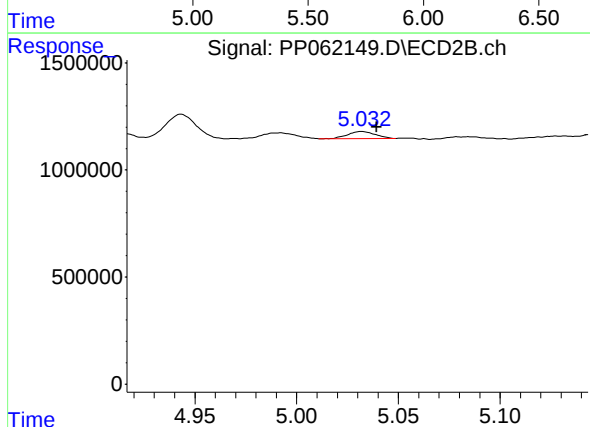
R.T.: 8.843 min
Delta R.T.: -0.012 min
Response: 18590384
Conc: 9.01 ng/ml



#5 AR-1016-3

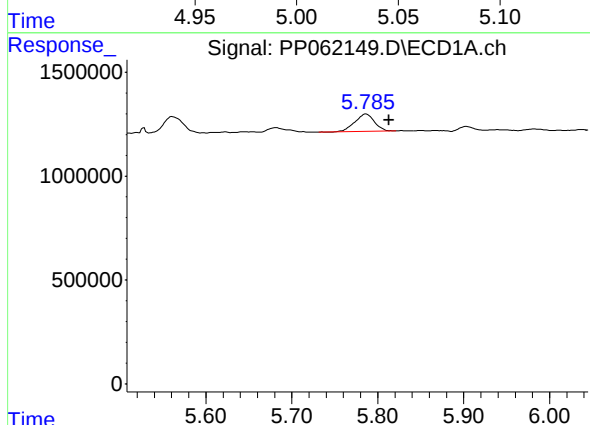
R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



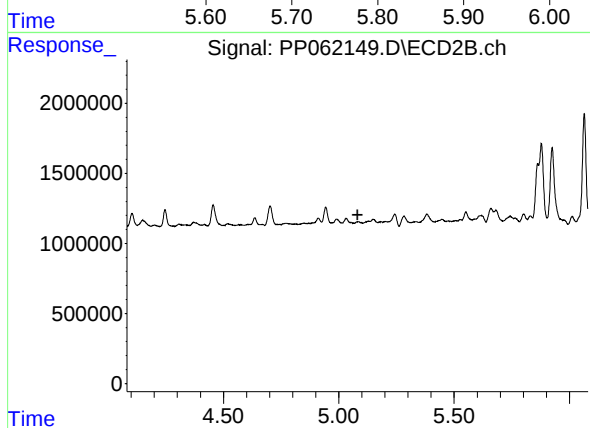
#5 AR-1016-3

R.T.: 5.032 min
Delta R.T.: -0.007 min
Response: 305440
Conc: 6.02 ng/ml



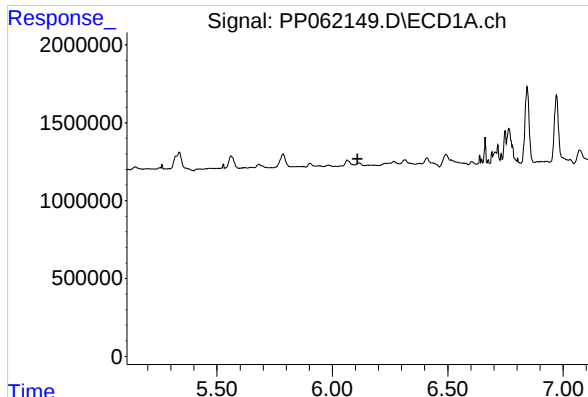
#6 AR-1016-4

R.T.: 5.786 min
Delta R.T.: -0.026 min
Response: 1318039
Conc: 34.68 ng/ml



#6 AR-1016-4

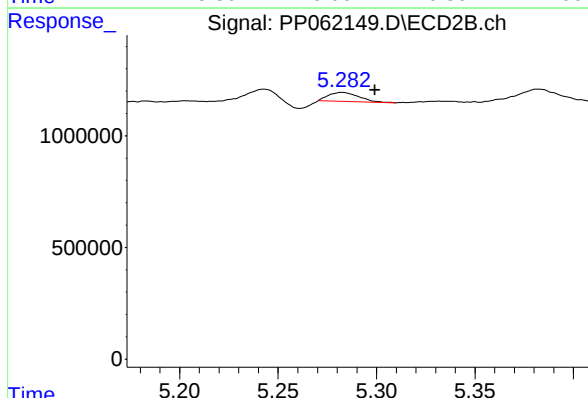
R.T.: 0.000 min
Exp R.T.: 5.081 min
Response: 0
Conc: N.D.



#7 AR-1016-5

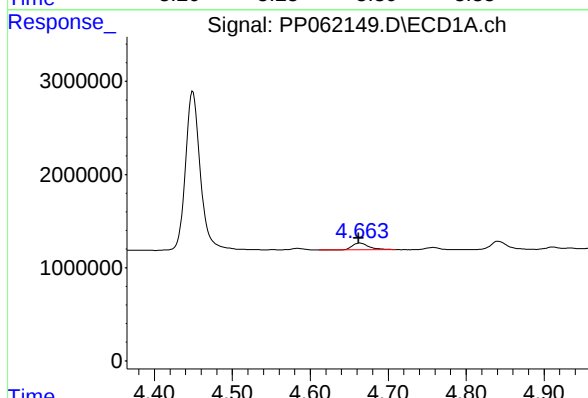
R.T.: 0.000 min
Exp R.T.: 6.109 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



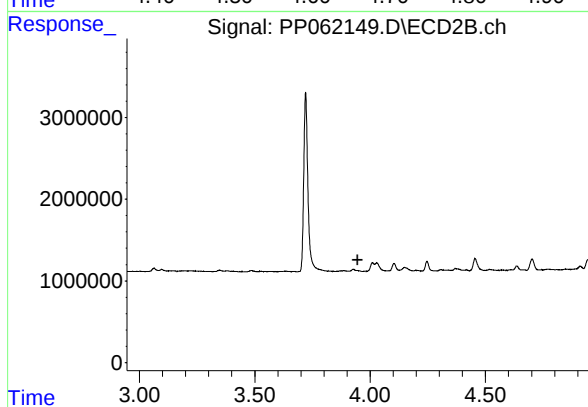
#7 AR-1016-5

R.T.: 5.282 min
Delta R.T.: -0.017 min
Response: 427312
Conc: 7.39 ng/ml



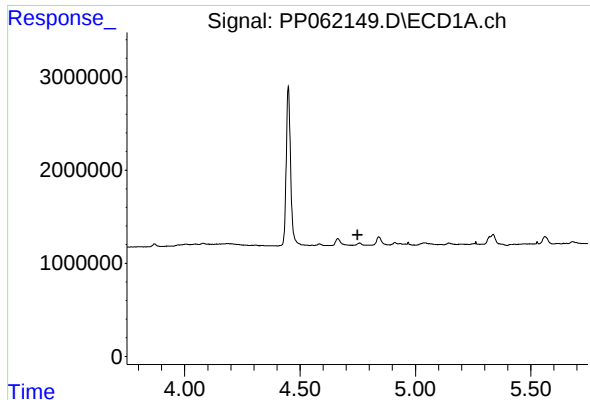
#8 AR-1221-1

R.T.: 4.664 min
Delta R.T.: 0.001 min
Response: 1019531
Conc: 57.13 ng/ml



#8 AR-1221-1

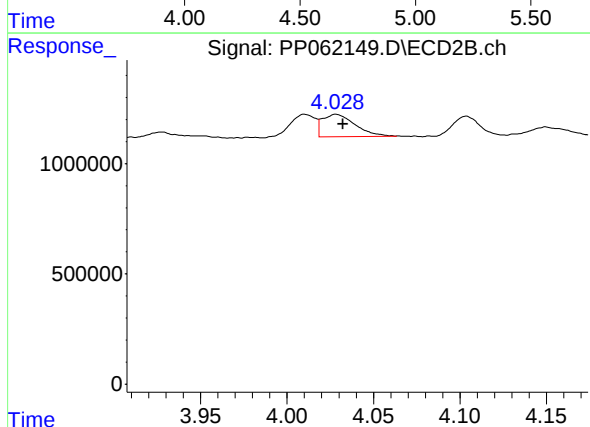
R.T.: 0.000 min
Exp R.T.: 3.945 min
Response: 0
Conc: N.D.



#9 AR-1221-2

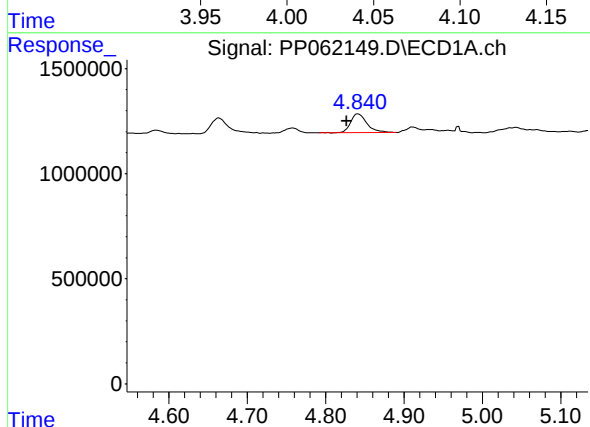
R.T.: 0.000 min
Exp R.T.: 4.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



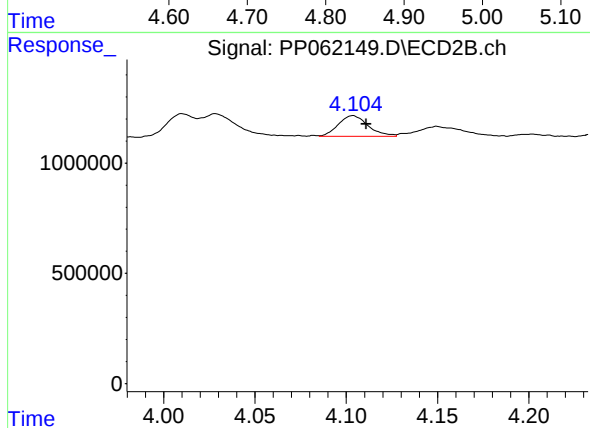
#9 AR-1221-2

R.T.: 4.028 min
Delta R.T.: -0.004 min
Response: 1330975
Conc: 69.97 ng/ml



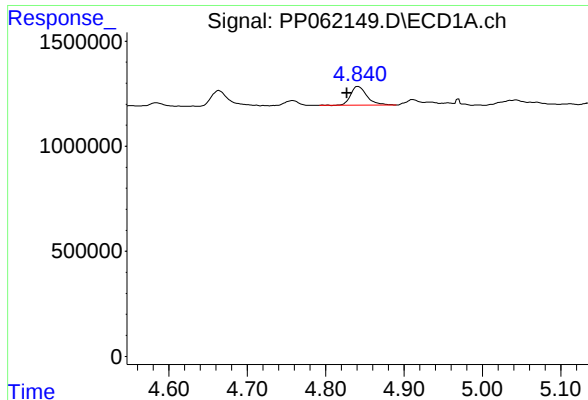
#10 AR-1221-3

R.T.: 4.841 min
Delta R.T.: 0.014 min
Response: 1287159
Conc: 32.35 ng/ml



#10 AR-1221-3

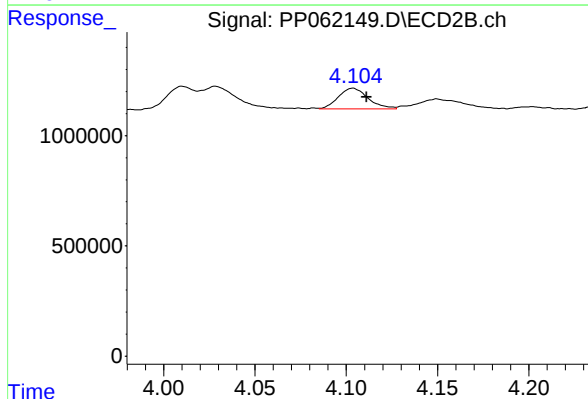
R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 1056759
Conc: 18.34 ng/ml



#11 AR-1232-1

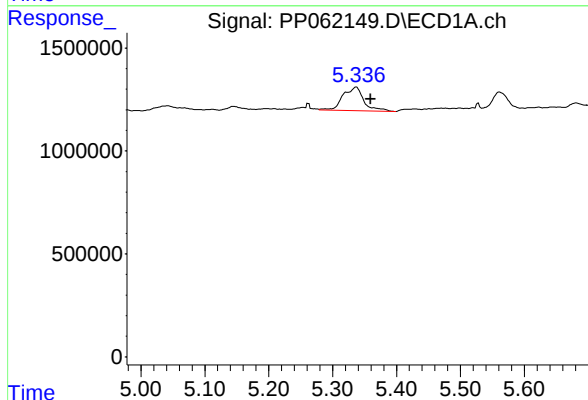
R.T.: 4.841 min
Delta R.T.: 0.014 min
Response: 1287159
Conc: 38.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



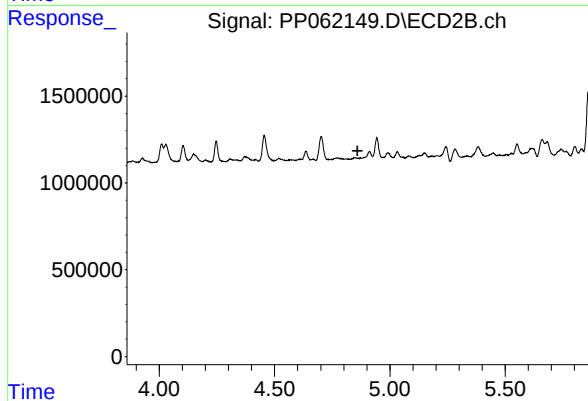
#11 AR-1232-1

R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 1056759
Conc: 22.44 ng/ml



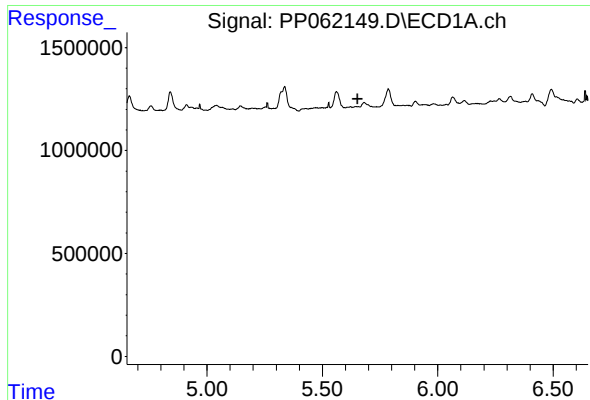
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: -0.022 min
Response: 2585812
Conc: 129.80 ng/ml



#12 AR-1232-2

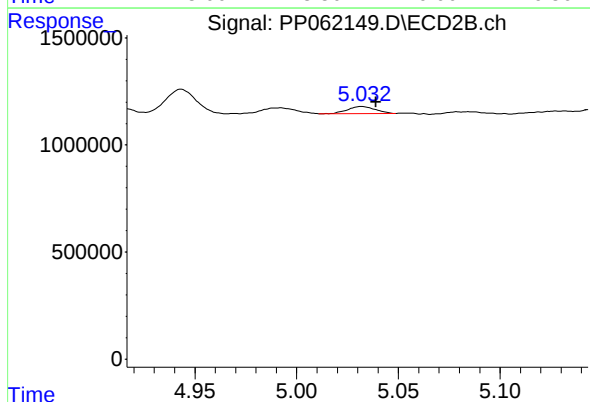
R.T.: 0.000 min
Exp R.T.: 4.859 min
Response: 0
Conc: N.D.



#13 AR-1232-3

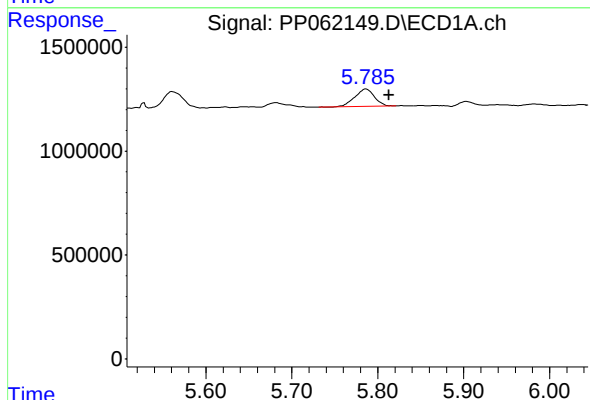
R.T.: 0.000 min
Exp R.T.: 5.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



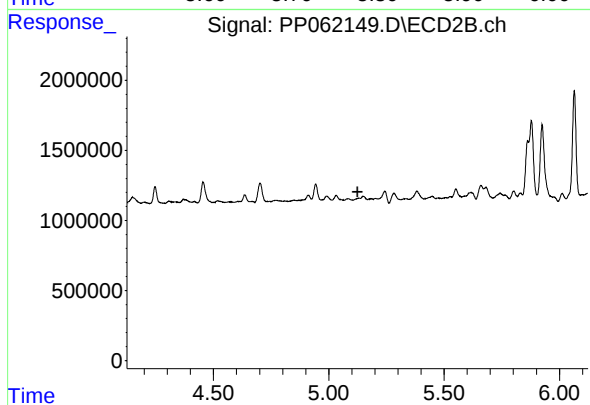
#13 AR-1232-3

R.T.: 5.032 min
Delta R.T.: -0.007 min
Response: 305440
Conc: 13.48 ng/ml



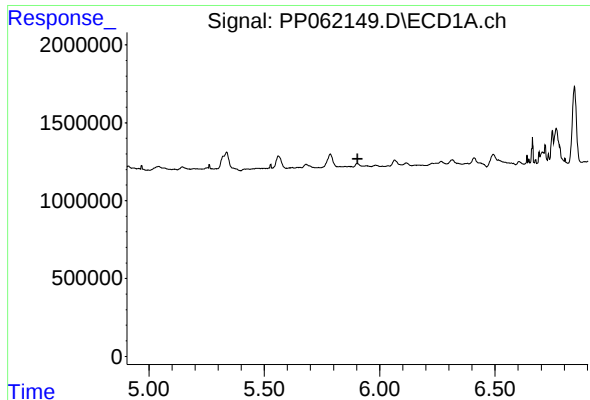
#14 AR-1232-4

R.T.: 5.786 min
Delta R.T.: -0.027 min
Response: 1318039
Conc: 78.01 ng/ml



#14 AR-1232-4

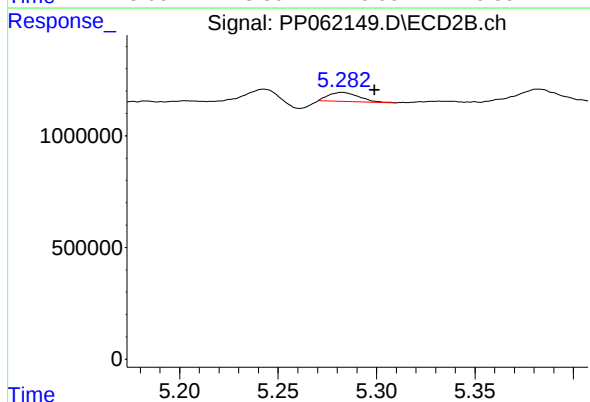
R.T.: 0.000 min
Exp R.T.: 5.124 min
Response: 0
Conc: N.D.



#15 AR-1232-5

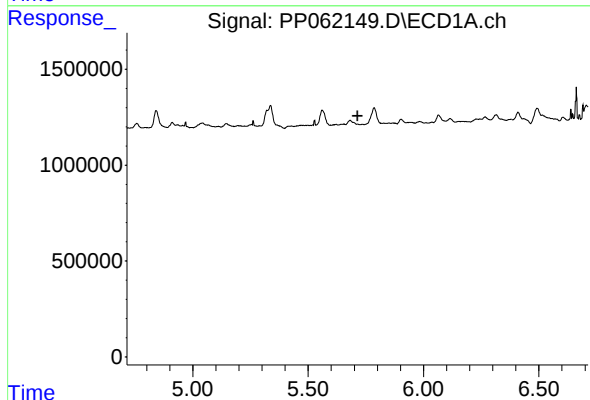
R.T.: 0.000 min
Exp R.T.: 5.904 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



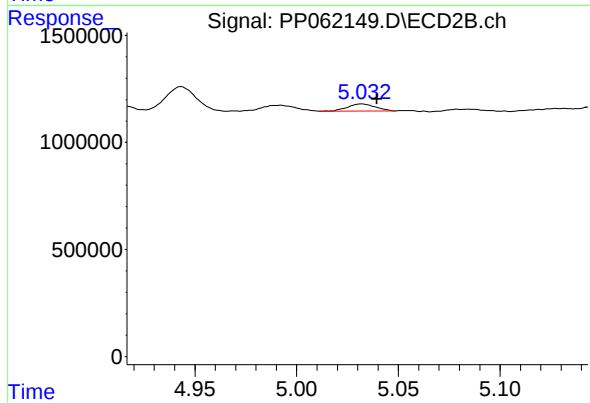
#15 AR-1232-5

R.T.: 5.282 min
Delta R.T.: -0.017 min
Response: 427312
Conc: 16.79 ng/ml



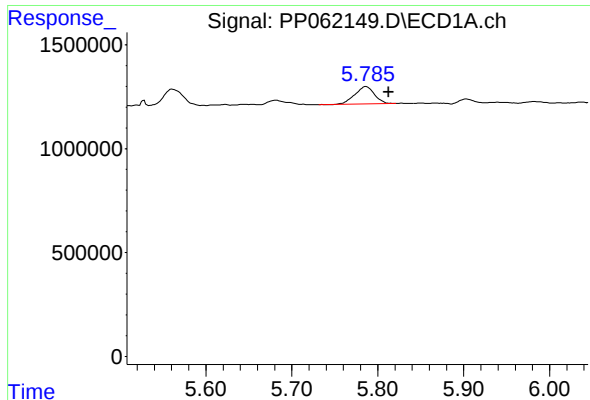
#18 AR-1242-3

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



#18 AR-1242-3

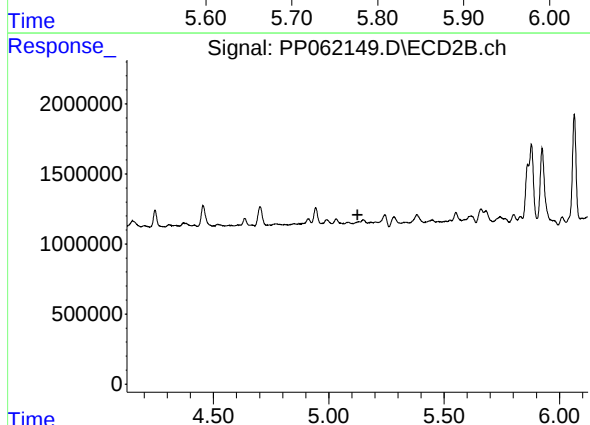
R.T.: 5.032 min
Delta R.T.: -0.007 min
Response: 305440
Conc: 7.54 ng/ml



#19 AR-1242-4

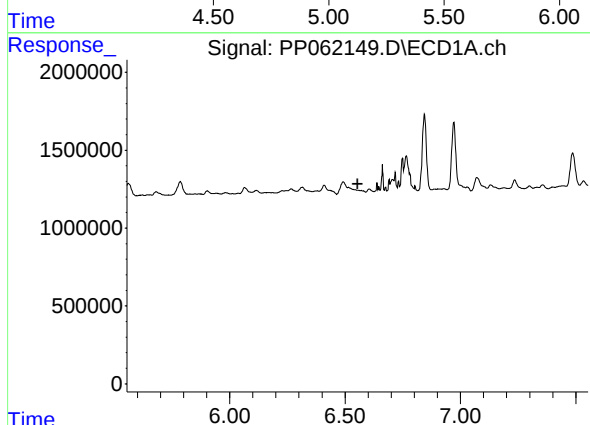
R.T.: 5.786 min
Delta R.T.: -0.026 min
Response: 1318039
Conc: 43.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



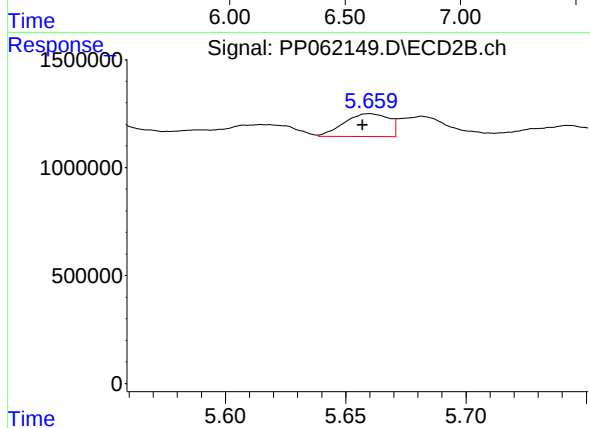
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.124 min
Response: 0
Conc: N.D.



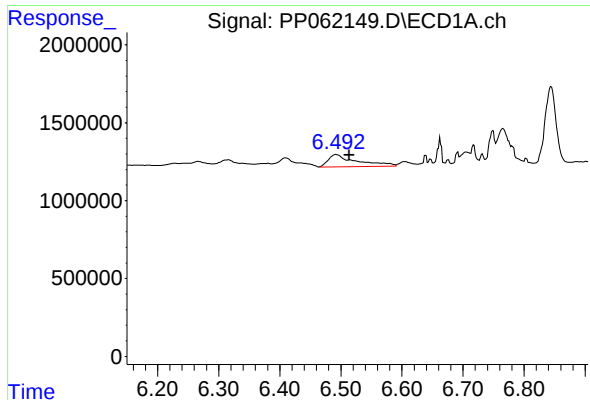
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.



#20 AR-1242-5

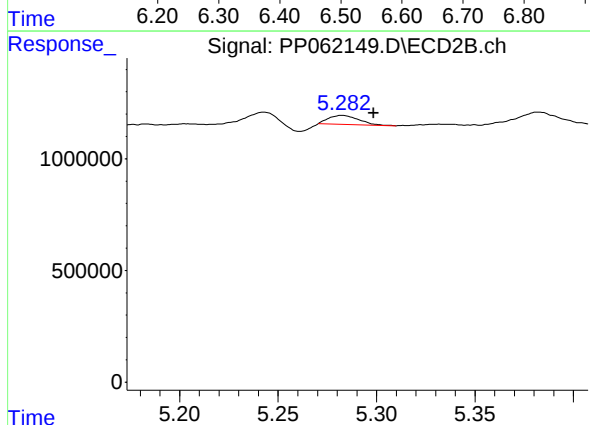
R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 1365824
Conc: 26.10 ng/ml



#24 AR-1248-4

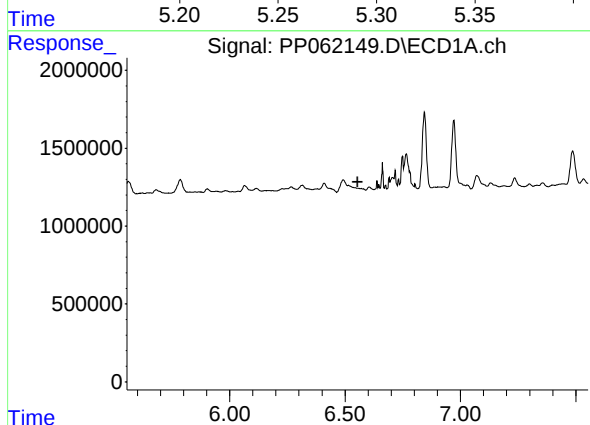
R.T.: 6.492 min
Delta R.T.: -0.022 min
Response: 2558658
Conc: 50.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



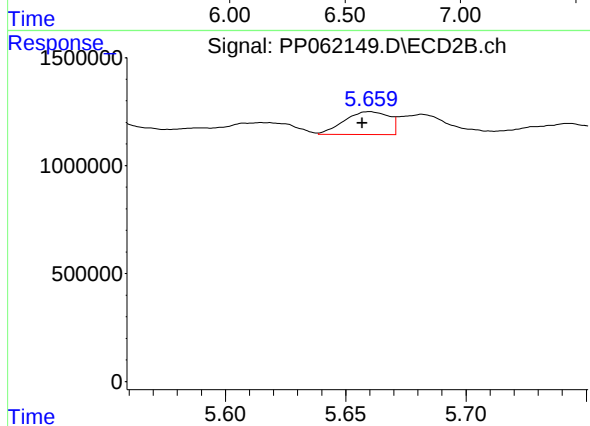
#24 AR-1248-4

R.T.: 5.282 min
Delta R.T.: -0.016 min
Response: 427312
Conc: 5.55 ng/ml



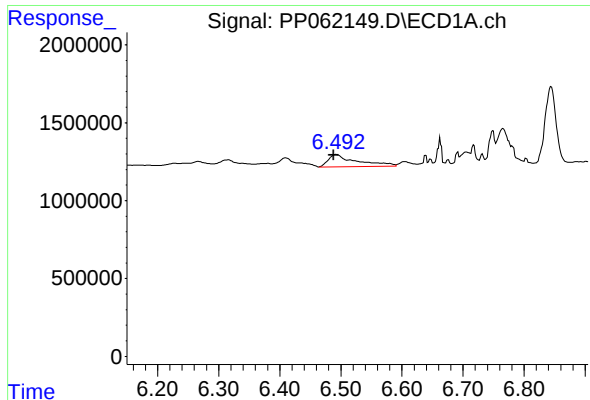
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.



#25 AR-1248-5

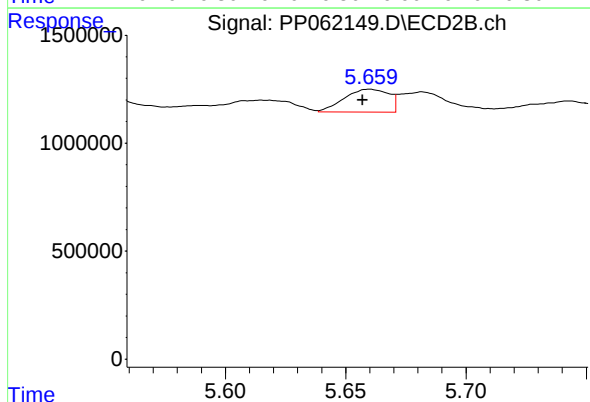
R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 1365824
Conc: 13.67 ng/ml



#26 AR-1254-1

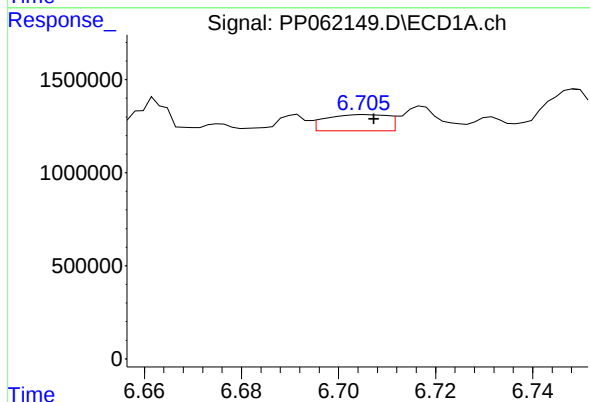
R.T.: 6.492 min
Delta R.T.: 0.005 min
Response: 2558658
Conc: 45.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



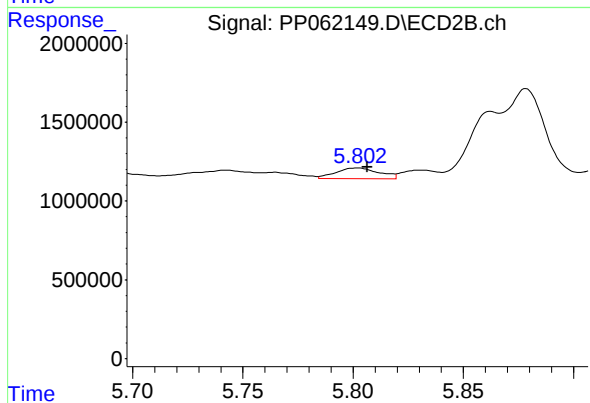
#26 AR-1254-1

R.T.: 5.660 min
Delta R.T.: 0.003 min
Response: 1365824
Conc: 12.54 ng/ml



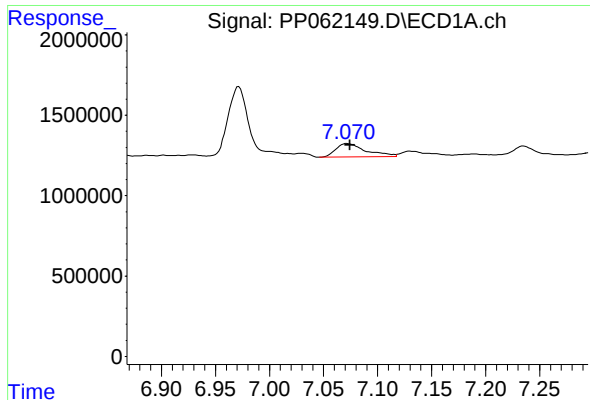
#27 AR-1254-2

R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 759277
Conc: 9.11 ng/ml



#27 AR-1254-2

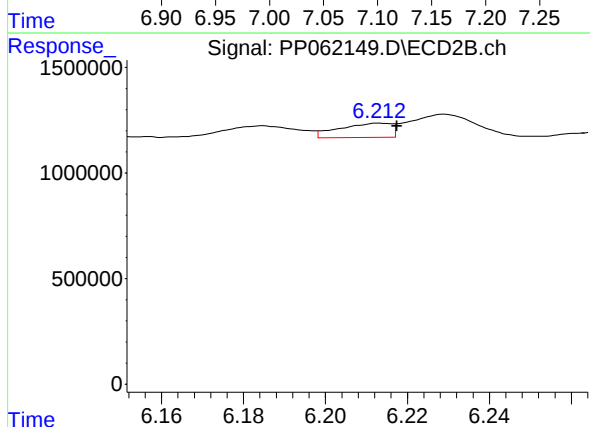
R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 934662
Conc: 9.31 ng/ml



#28 AR-1254-3

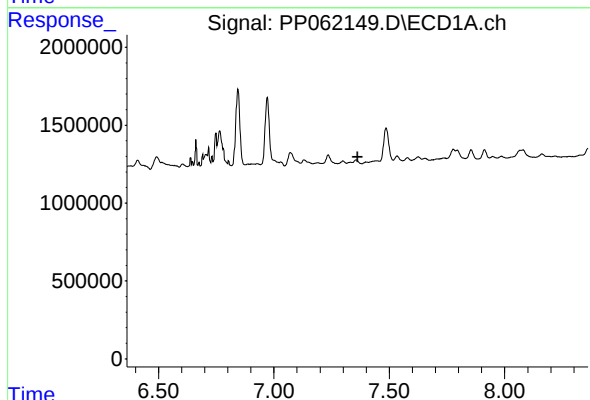
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 1624141
Conc: 19.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



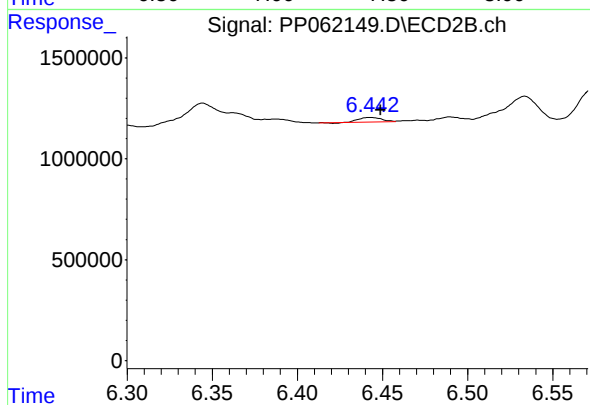
#28 AR-1254-3

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 599104
Conc: 3.83 ng/ml



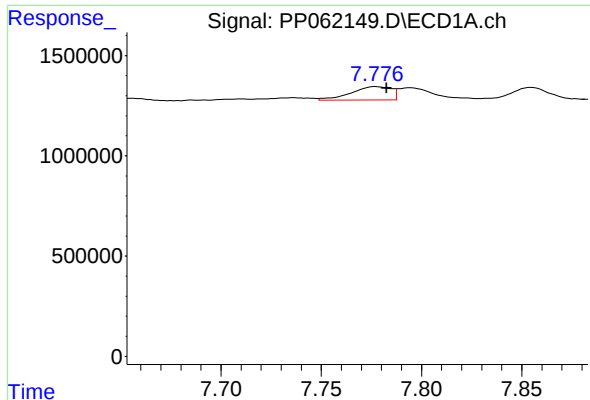
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 7.362 min
Response: 0
Conc: N.D.



#29 AR-1254-4

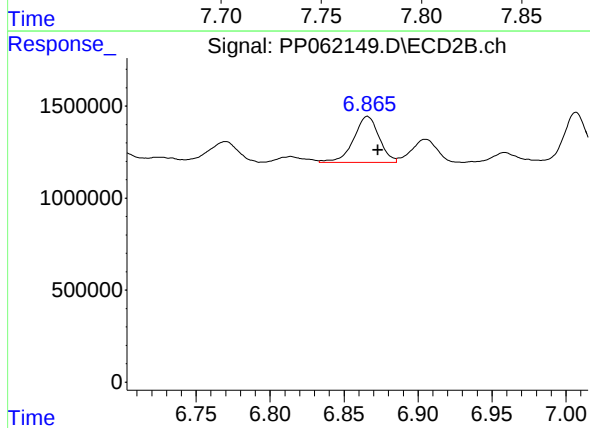
R.T.: 6.443 min
Delta R.T.: -0.006 min
Response: 200502
Conc: 2.52 ng/ml



#30 AR-1254-5

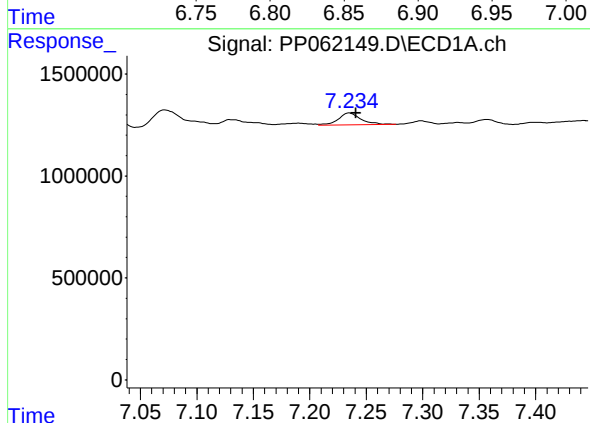
R.T.: 7.777 min
Delta R.T.: -0.005 min
Response: 927647
Conc: 14.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



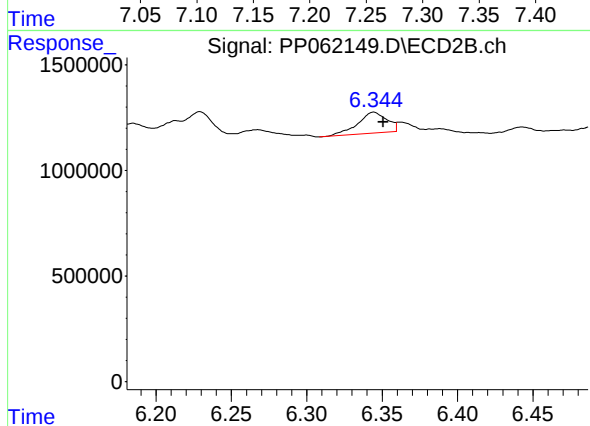
#30 AR-1254-5

R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 2992304
Conc: 21.20 ng/ml



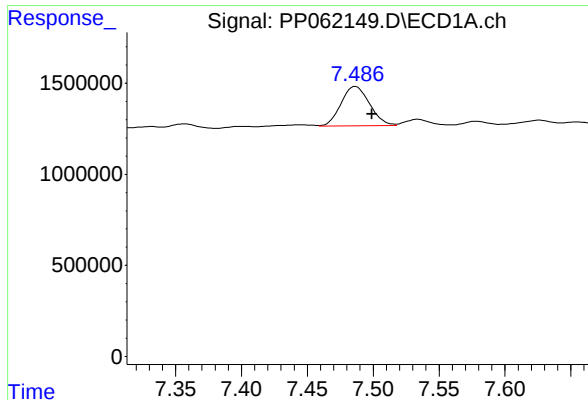
#31 AR-1260-1

R.T.: 7.235 min
Delta R.T.: -0.006 min
Response: 813095
Conc: 11.90 ng/ml



#31 AR-1260-1

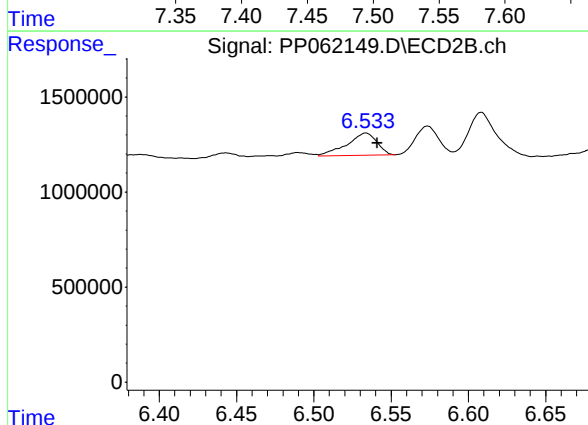
R.T.: 6.345 min
Delta R.T.: -0.006 min
Response: 1340983
Conc: 11.52 ng/ml



#32 AR-1260-2

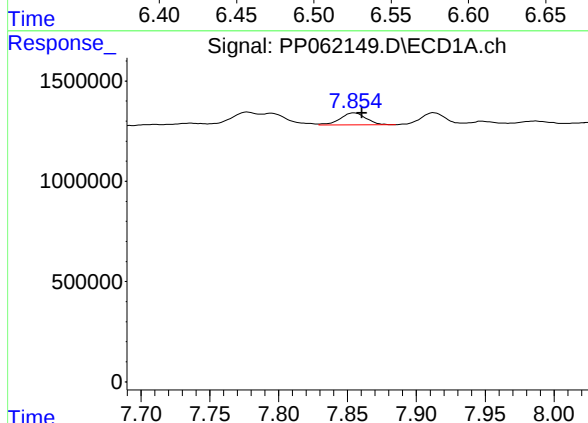
R.T.: 7.487 min
Delta R.T.: -0.013 min
Response: 3241340
Conc: 43.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



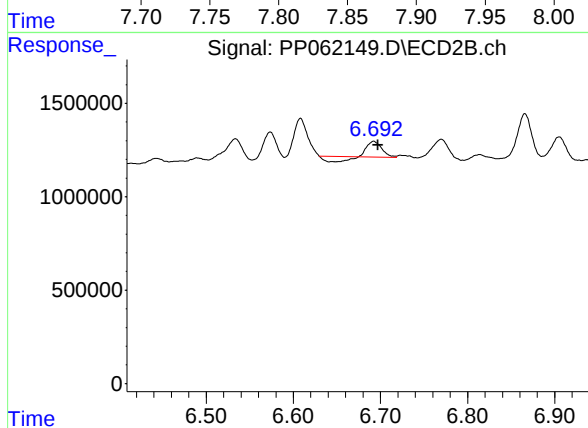
#32 AR-1260-2

R.T.: 6.534 min
Delta R.T.: -0.007 min
Response: 1566594
Conc: 11.50 ng/ml



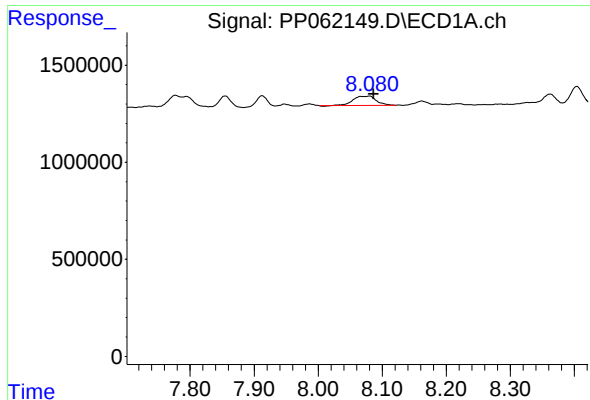
#33 AR-1260-3

R.T.: 7.855 min
Delta R.T.: -0.006 min
Response: 791706
Conc: 15.28 ng/ml



#33 AR-1260-3

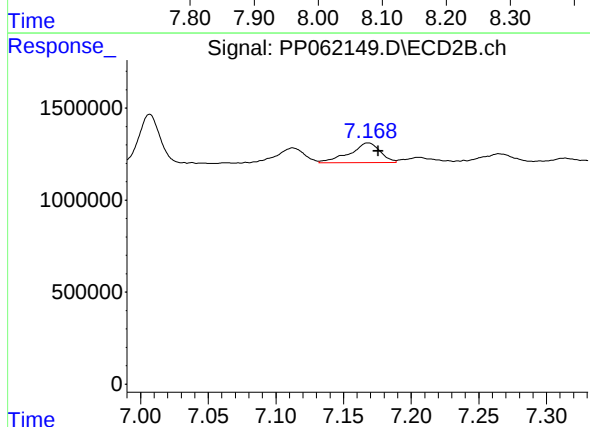
R.T.: 6.692 min
Delta R.T.: -0.005 min
Response: 524201
Conc: 4.01 ng/ml



#34 AR-1260-4

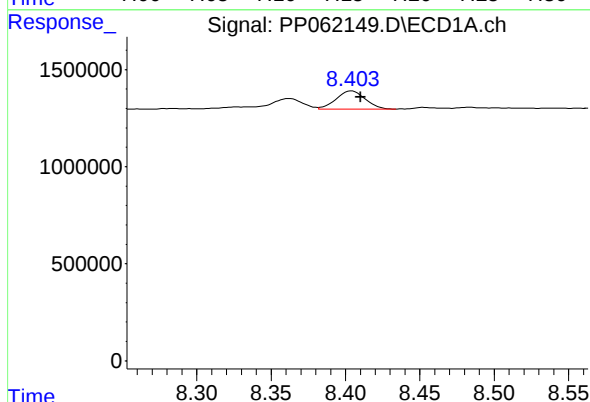
R.T.: 8.080 min
Delta R.T.: -0.007 min
Response: 1217653
Conc: 19.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



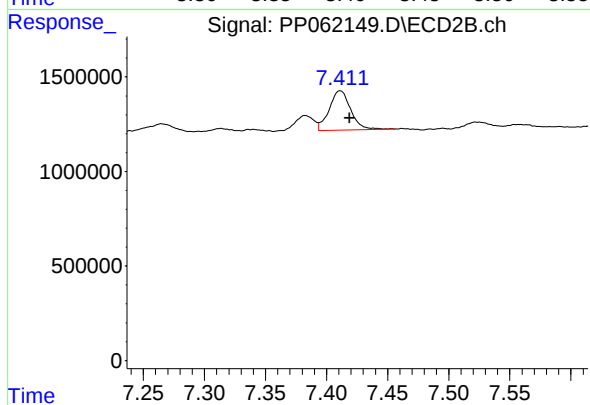
#34 AR-1260-4

R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 1691534
Conc: 17.15 ng/ml



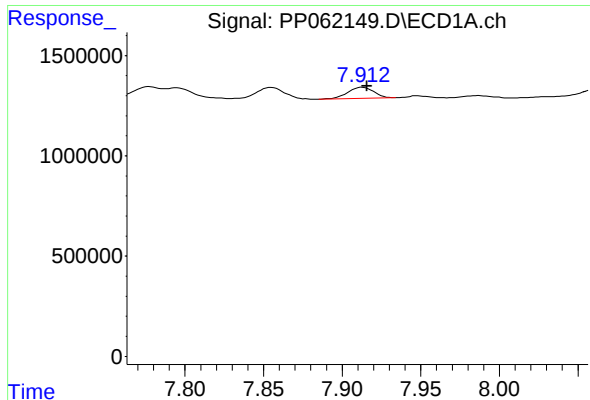
#35 AR-1260-5

R.T.: 8.404 min
Delta R.T.: -0.006 min
Response: 1268713
Conc: 12.65 ng/ml



#35 AR-1260-5

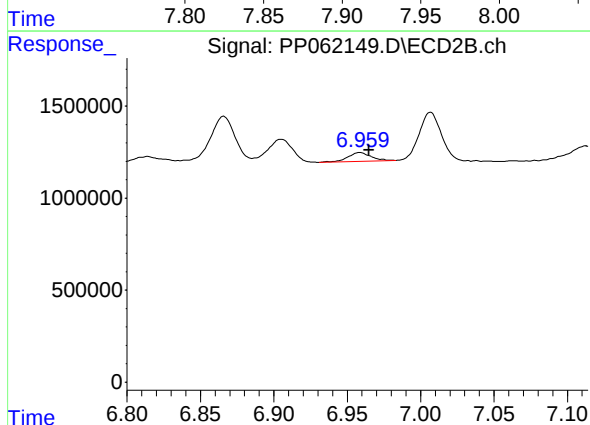
R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 2558581
Conc: 11.95 ng/ml



#36 AR-1262-1

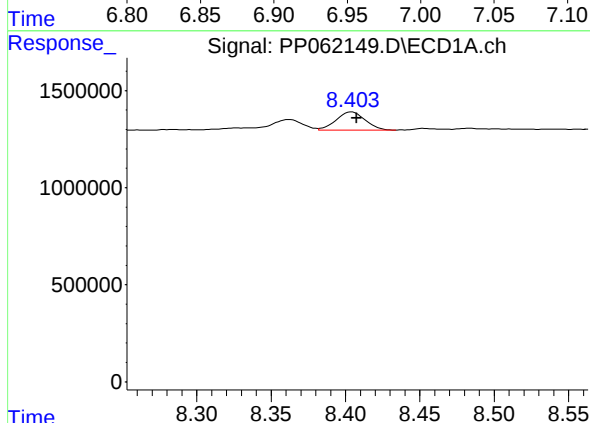
R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 638313
Conc: 18.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



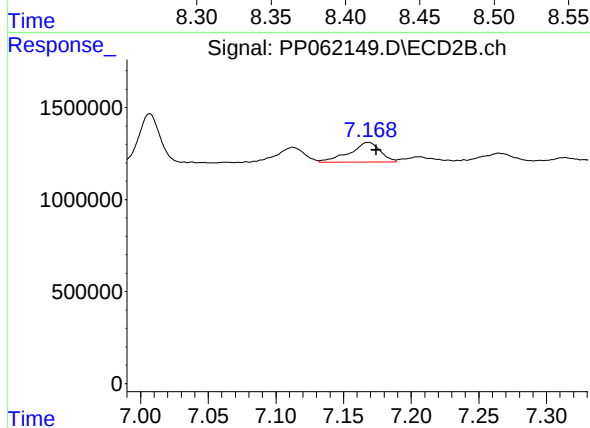
#36 AR-1262-1

R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 532488
Conc: 8.38 ng/ml



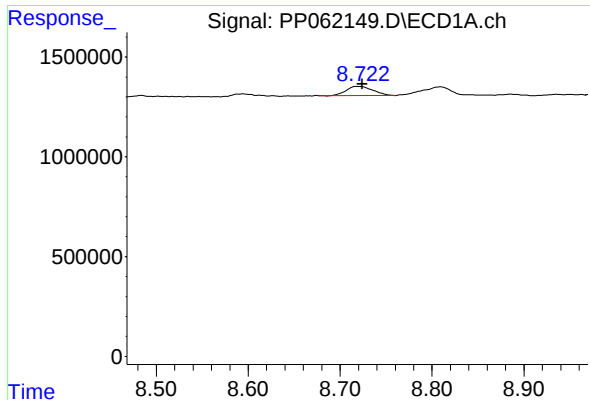
#37 AR-1262-2

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 1268713
Conc: 10.70 ng/ml



#37 AR-1262-2

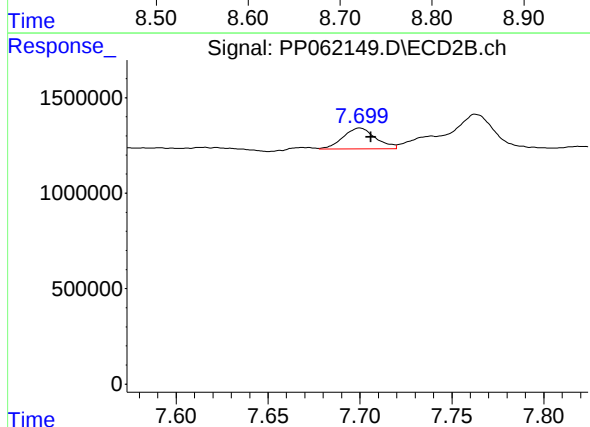
R.T.: 7.168 min
Delta R.T.: -0.006 min
Response: 1691534
Conc: 12.52 ng/ml



#38 AR-1262-3

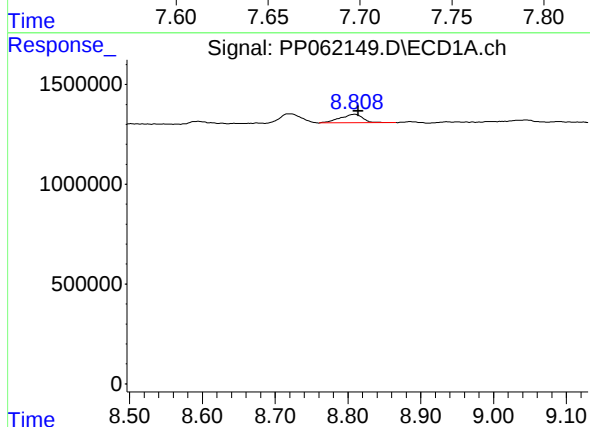
R.T.: 8.722 min
Delta R.T.: -0.002 min
Response: 937729
Conc: 10.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



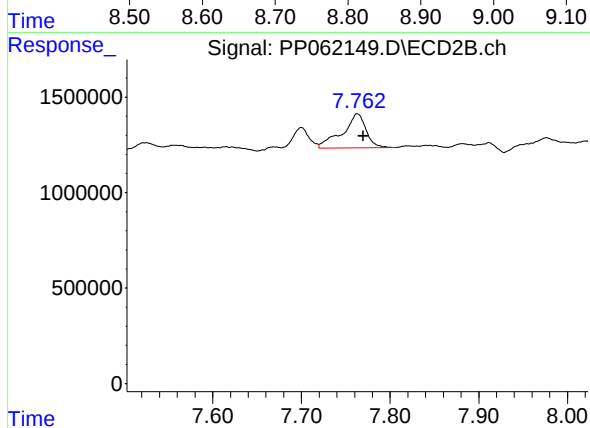
#38 AR-1262-3

R.T.: 7.700 min
Delta R.T.: -0.006 min
Response: 1364629
Conc: 13.04 ng/ml



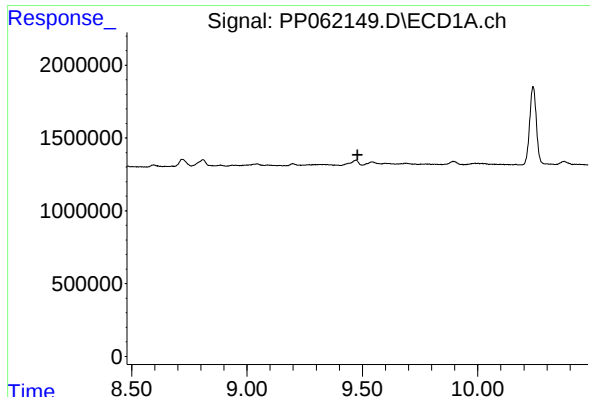
#39 AR-1262-4

R.T.: 8.809 min
Delta R.T.: -0.005 min
Response: 951076
Conc: 12.63 ng/ml



#39 AR-1262-4

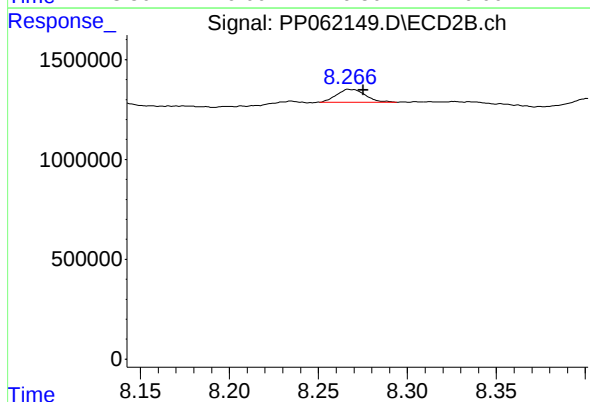
R.T.: 7.763 min
Delta R.T.: -0.007 min
Response: 3329806
Conc: 18.47 ng/ml



#40 AR-1262-5

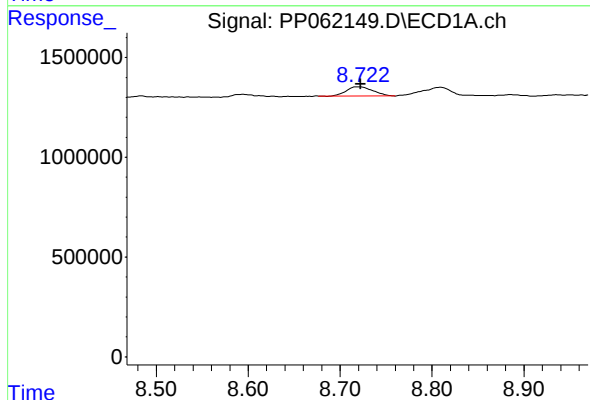
R.T.: 0.000 min
Exp R.T.: 9.479 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



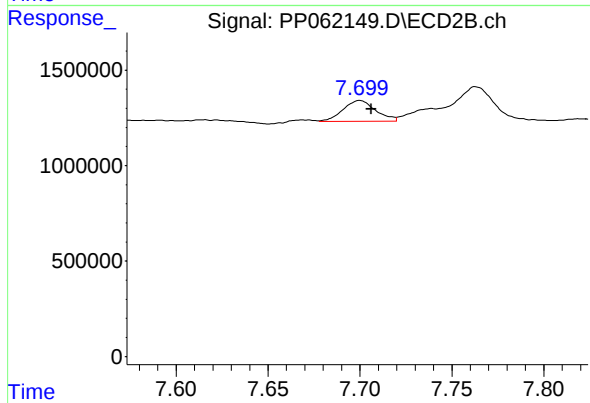
#40 AR-1262-5

R.T.: 8.268 min
Delta R.T.: -0.008 min
Response: 727936
Conc: 9.53 ng/ml



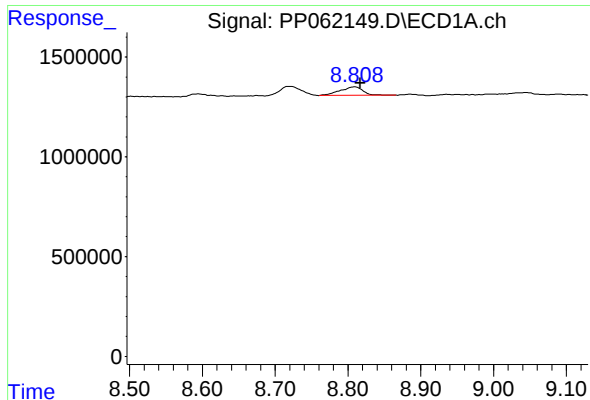
#41 AR-1268-1

R.T.: 8.722 min
Delta R.T.: 0.000 min
Response: 937729
Conc: 6.23 ng/ml



#41 AR-1268-1

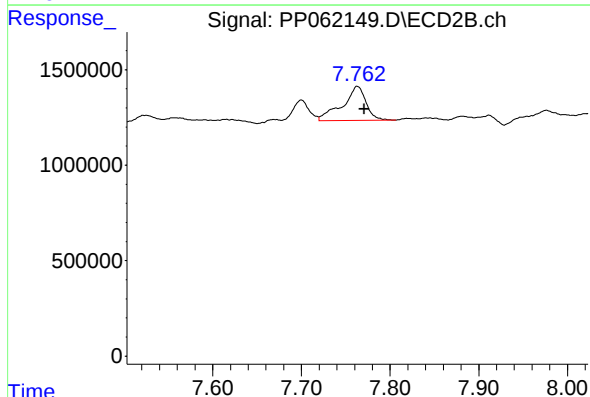
R.T.: 7.700 min
Delta R.T.: -0.006 min
Response: 1364629
Conc: 4.55 ng/ml



#42 AR-1268-2

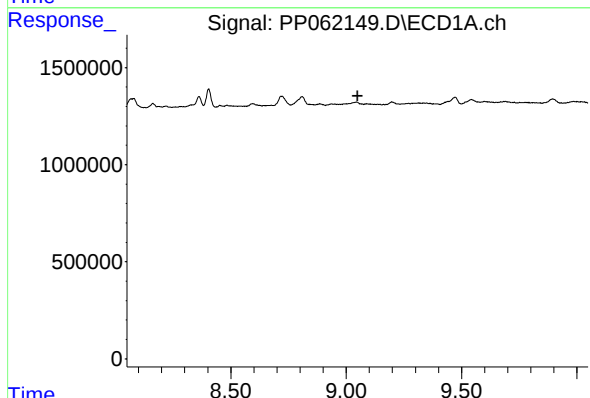
R.T.: 8.809 min
Delta R.T.: -0.008 min
Response: 951076
Conc: 6.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



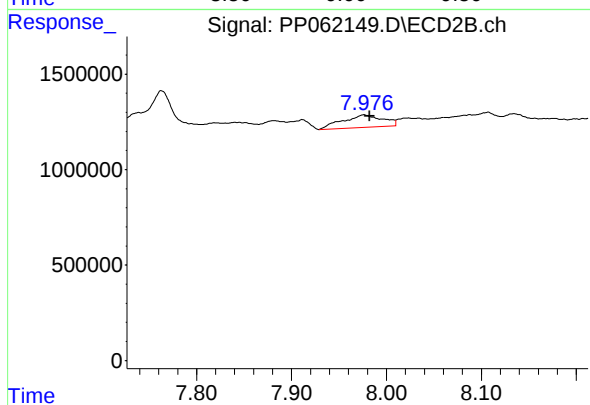
#42 AR-1268-2

R.T.: 7.763 min
Delta R.T.: -0.008 min
Response: 3329806
Conc: 12.55 ng/ml



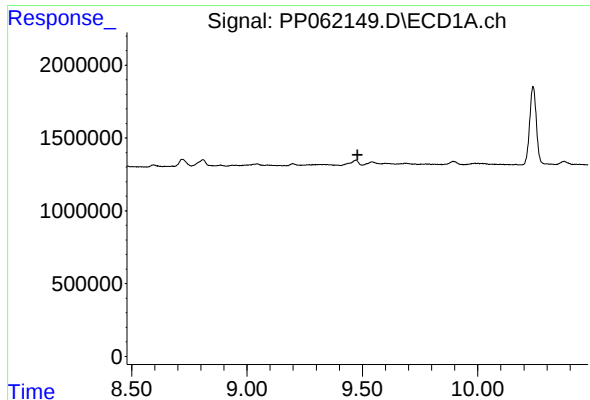
#43 AR-1268-3

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



#43 AR-1268-3

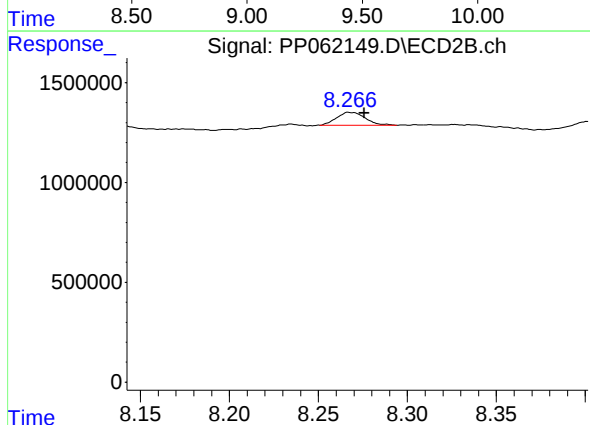
R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 1906619
Conc: 7.85 ng/ml



#44 AR-1268-4

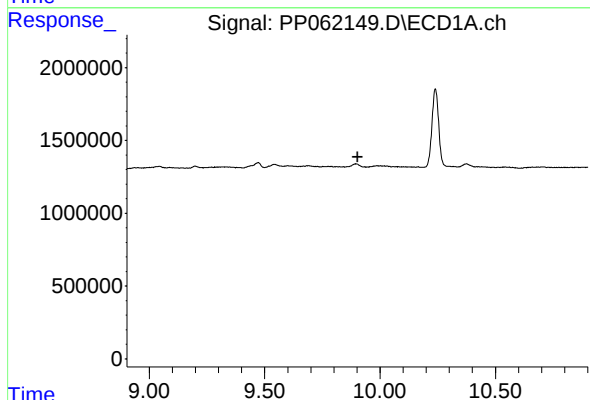
R.T.: 0.000 min
Exp R.T.: 9.479 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



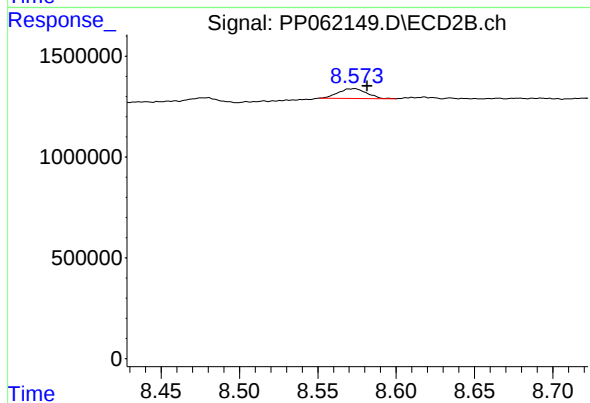
#44 AR-1268-4

R.T.: 8.268 min
Delta R.T.: -0.008 min
Response: 727936
Conc: 8.43 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.573 min
Delta R.T.: -0.008 min
Response: 605712
Conc: 0.88 ng/ml