

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 16:22
 Operator : AR\AJ
 Sample : 04212-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TOPSOIL-OU3-DENALI-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:05:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.543	2.761	31871445	20724771	12.553	13.103
28)	SA Decachlor...	9.083	7.899	65862956	37976778	21.621	22.007
Target Compounds							
2)	A alpha-BHC	0.000	3.234f	0	586586	N.D.	0.254 #
4)	MA Heptachlor	4.948f	0.000	853504	0	0.218	N.D. #
5)	MB Aldrin	5.265	4.215	599253	1683806	0.149	0.739 #
6)	B beta-BHC	4.560f	3.899	306229	126411	0.190	0.142 #
7)	B delta-BHC	4.769	0.000	5873049	0	1.593	N.D. #
8)	B Heptachlo...	5.687	4.736f	1448913	1055972	0.405	0.521 #
10)	B gamma-Chl...	5.949	4.964	2106460	1343030	0.598	0.668
11)	B alpha-Chl...	6.033	5.027	5326001	2378558	1.497	1.181
12)	B 4,4'-DDE	6.202	5.215	6168857	3607100	1.916	1.976
13)	MA Dieldrin	6.353	0.000	414911	0	0.117	N.D. #
14)	MA Endrin	6.583	5.633	164556	657877	0.054	0.363 #
15)	B Endosulfa...	6.787f	0.000	624725	0	0.202	N.D. #
16)	A 4,4'-DDD	6.726	5.770	1738230	433955	0.678	0.311 #
17)	MA 4,4'-DDT	7.035	6.019	1667303	1170147	0.638	0.828 #
18)	B Endrin al...	0.000	6.114f	0	340005	N.D.	0.252 #
19)	B Endosulfa...	7.151f	6.316	714112	1026949	0.252	0.641 #
21)	B Endrin ke...	7.688f	6.855f	140529	520610	0.043	0.275 #
23)	Chlordane-1	4.707	3.752	471362	794450	4.033	13.951 #
24)	Chlordane-2	5.234	4.310f	492696	235435	3.860	3.697
25)	Chlordane-3	5.949	4.964	2106460	1343030	4.193	6.845 #
26)	Chlordane-4	6.033	5.027	5326001	2378558	8.646	12.570 #

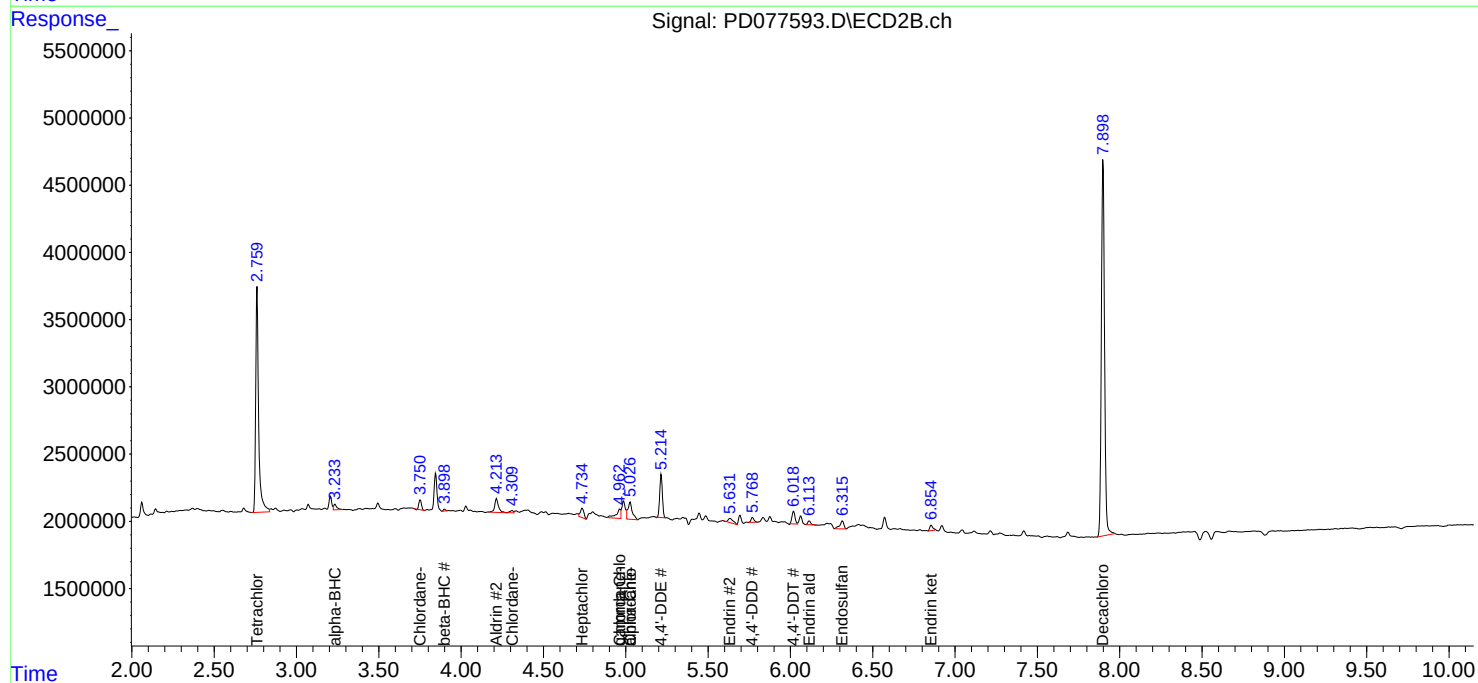
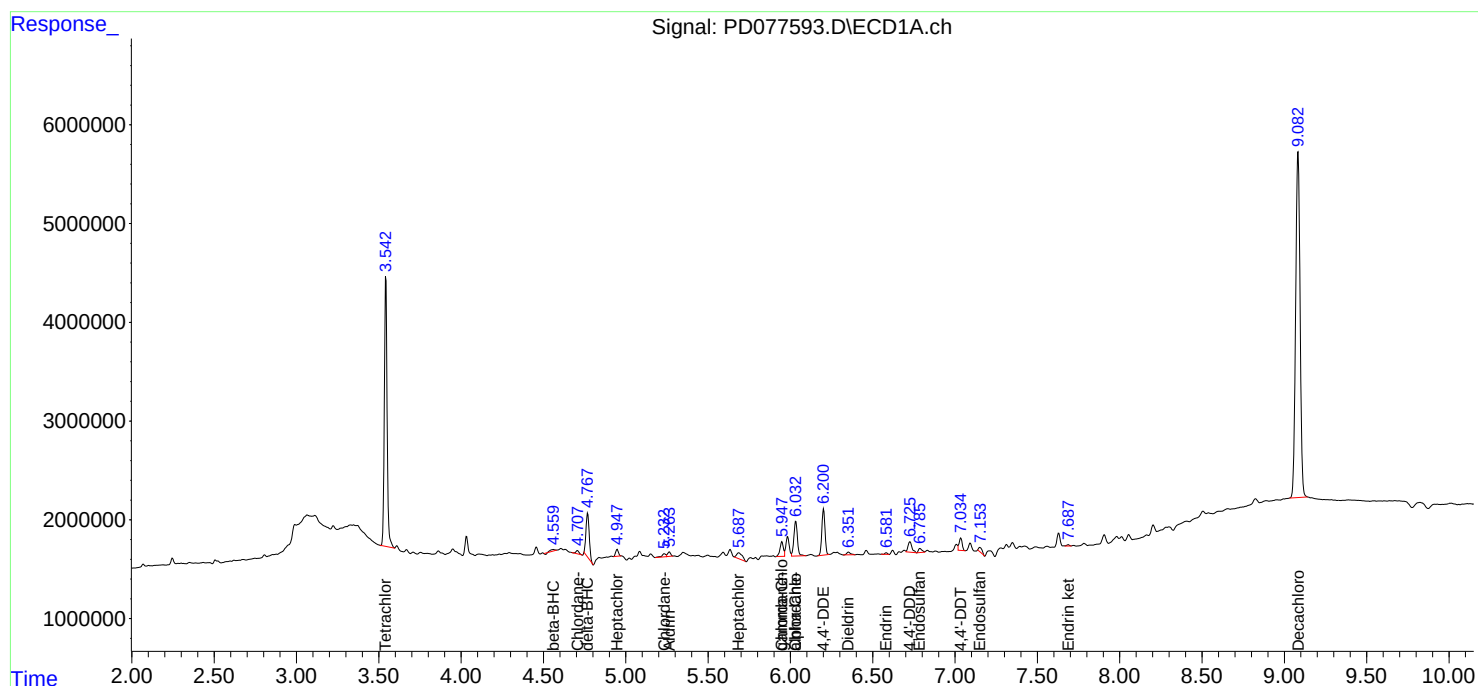
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

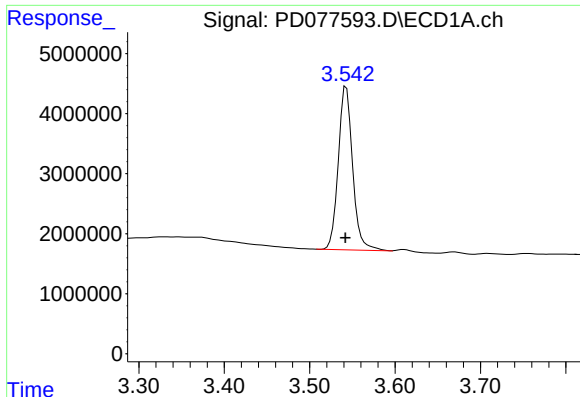
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 16:22
Operator : AR\AJ
Sample : 04212-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:05:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

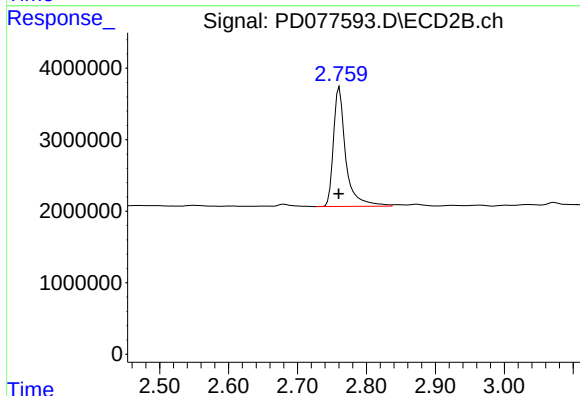




#1 Tetrachloro-m-xylene

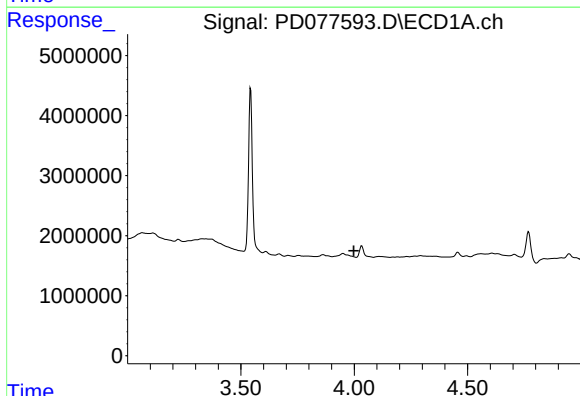
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 31871445
Conc: 12.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



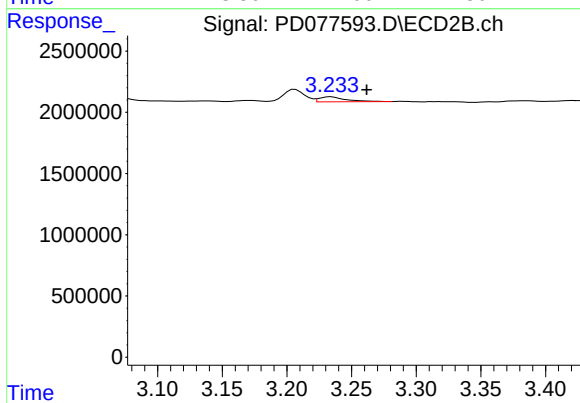
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 20724771
Conc: 13.10 ng/ml



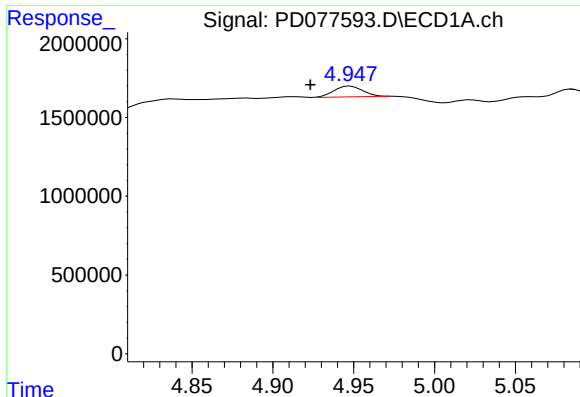
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.999 min
Response: 0
Conc: N.D.



#2 alpha-BHC

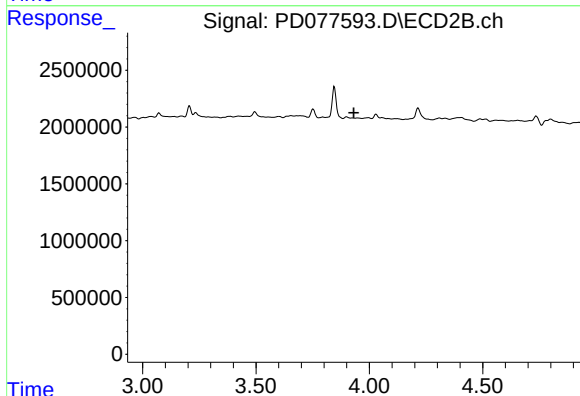
R.T.: 3.234 min
Delta R.T.: -0.027 min
Response: 586586
Conc: 0.25 ng/ml



#4 Heptachlor

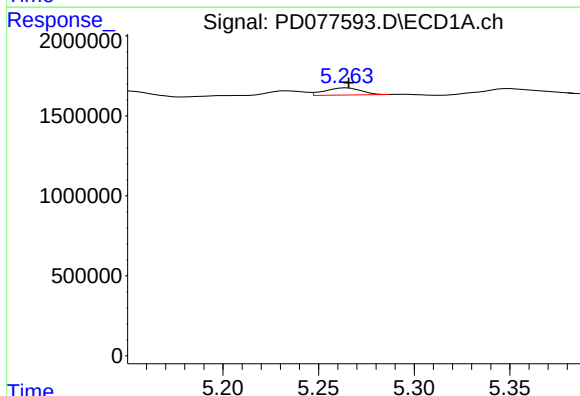
R.T.: 4.948 min
Delta R.T.: 0.025 min
Response: 853504
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



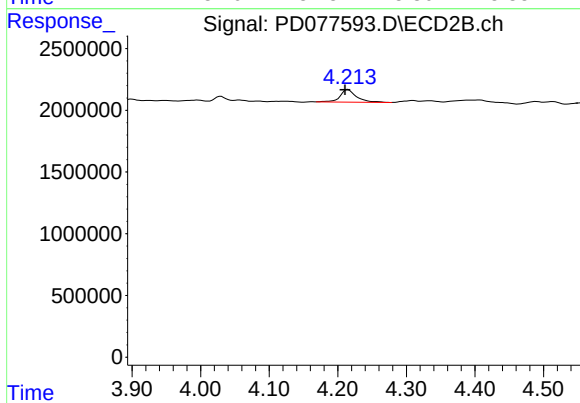
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 3.931 min
Response: 0
Conc: N.D.



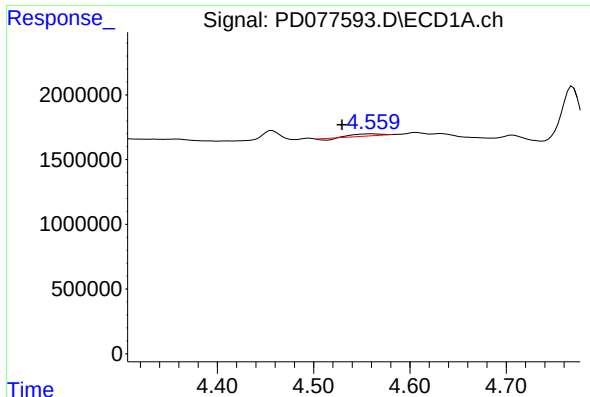
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 599253
Conc: 0.15 ng/ml



#5 Aldrin

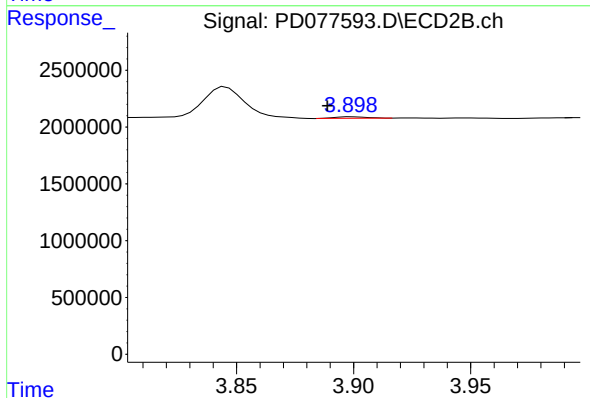
R.T.: 4.215 min
Delta R.T.: 0.004 min
Response: 1683806
Conc: 0.74 ng/ml



#6 beta-BHC

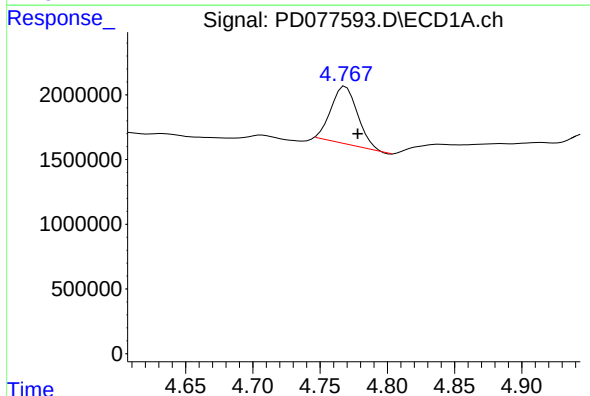
R.T.: 4.560 min
Delta R.T.: 0.031 min
Response: 306229
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



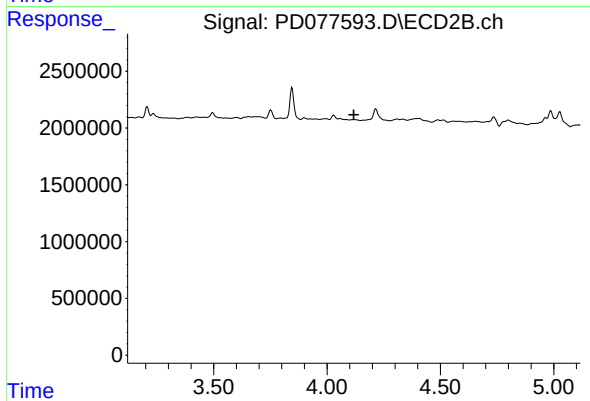
#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.010 min
Response: 126411
Conc: 0.14 ng/ml



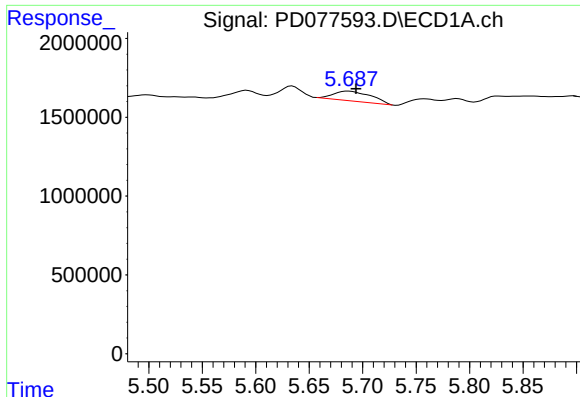
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.009 min
Response: 5873049
Conc: 1.59 ng/ml



#7 delta-BHC

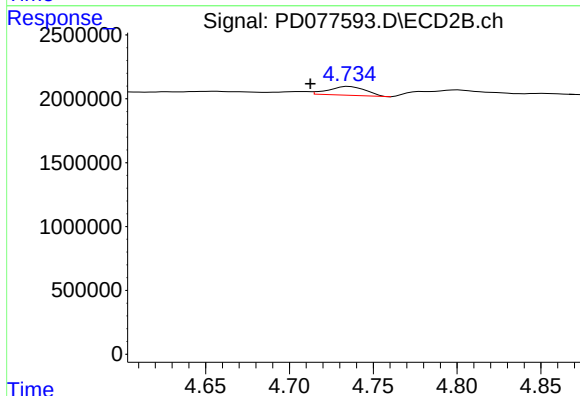
R.T.: 0.000 min
Exp R.T.: 4.119 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

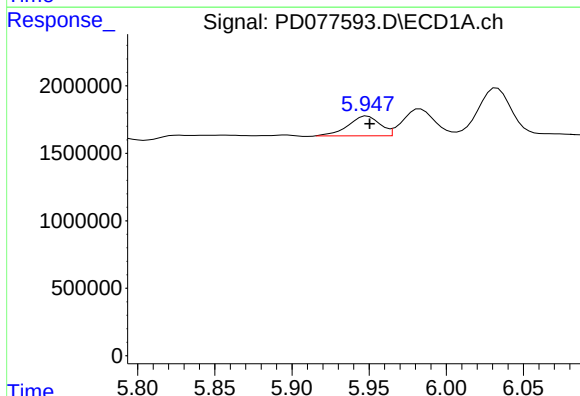
R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 1448913
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



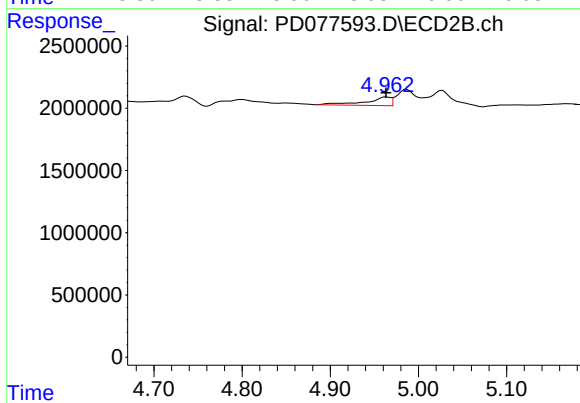
#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: 0.023 min
Response: 1055972
Conc: 0.52 ng/ml



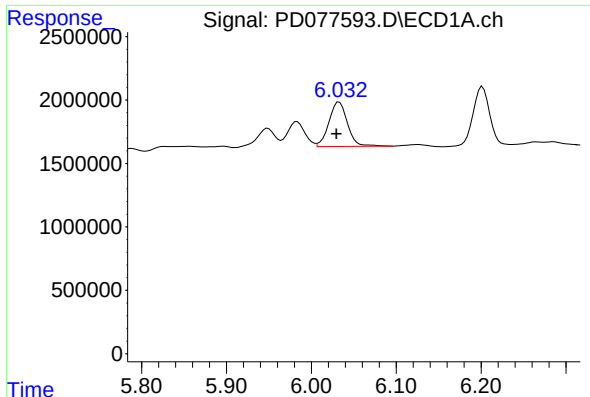
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 2106460
Conc: 0.60 ng/ml



#10 gamma-Chlordane

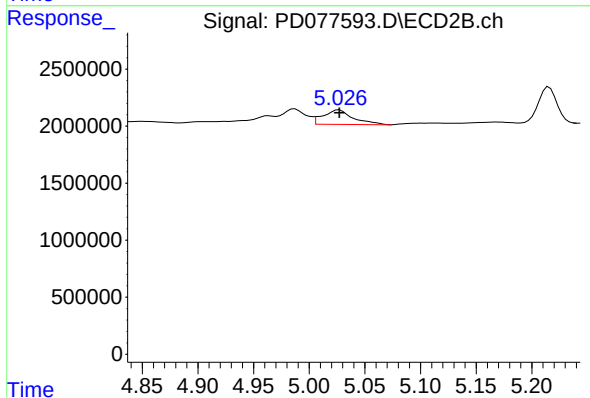
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 1343030
Conc: 0.67 ng/ml



#11 alpha-Chlordane

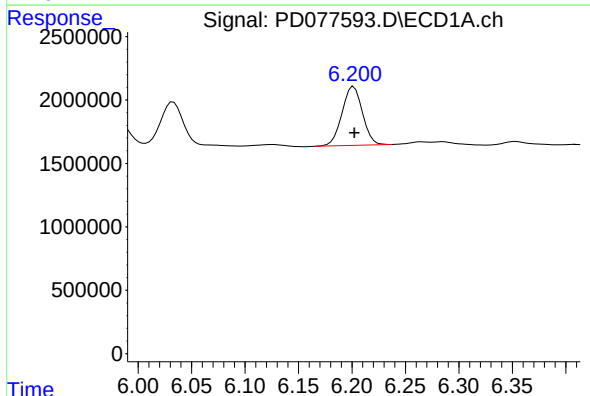
R.T.: 6.033 min
Delta R.T.: 0.003 min
Response: 5326001
Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



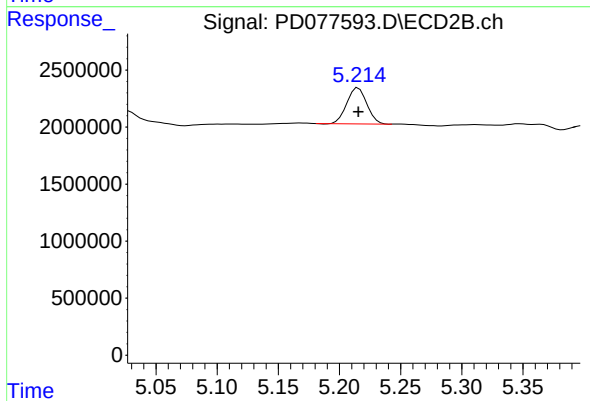
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 2378558
Conc: 1.18 ng/ml



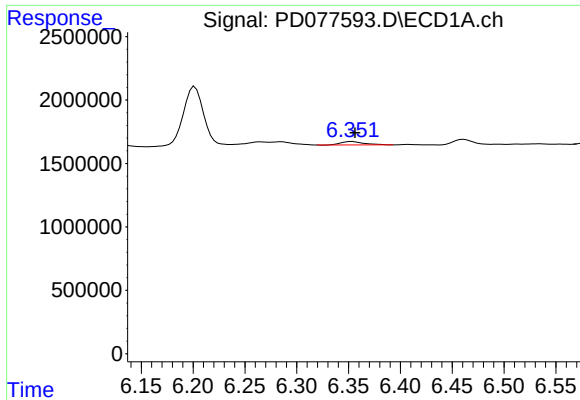
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 6168857
Conc: 1.92 ng/ml



#12 4,4'-DDE

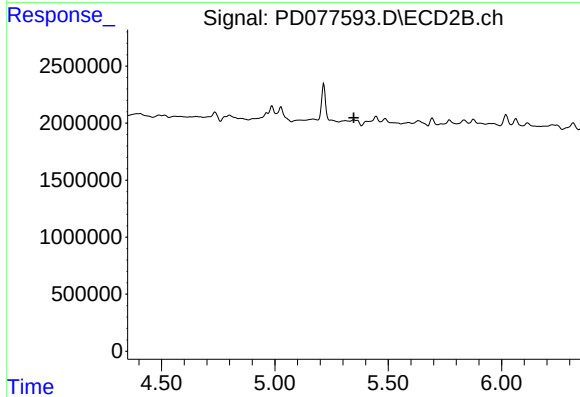
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 3607100
Conc: 1.98 ng/ml



#13 Dieldrin

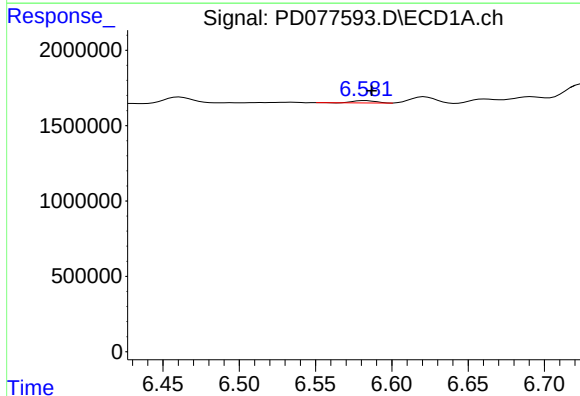
R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 414911
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



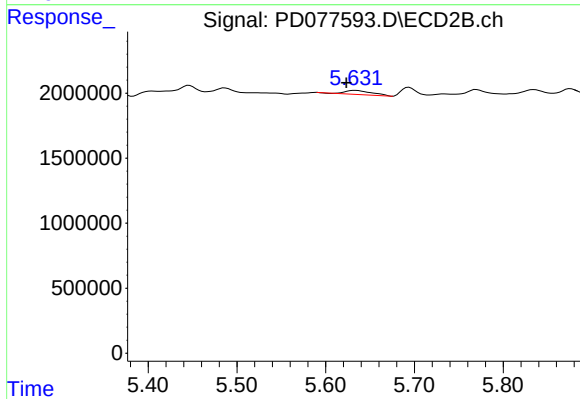
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



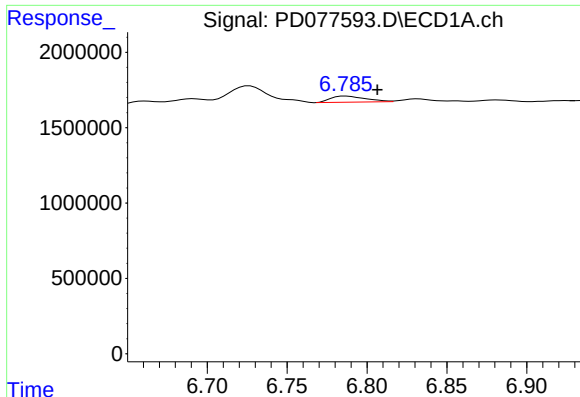
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.004 min
Response: 164556
Conc: 0.05 ng/ml



#14 Endrin

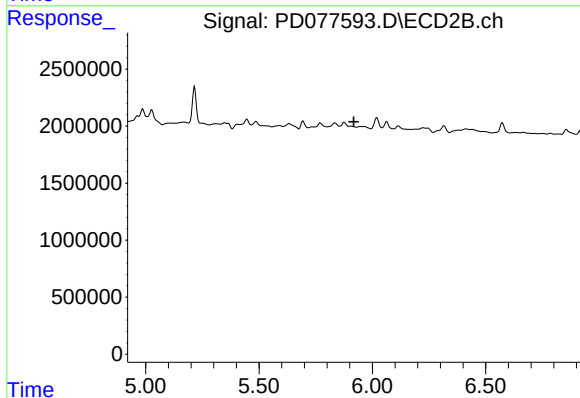
R.T.: 5.633 min
Delta R.T.: 0.010 min
Response: 657877
Conc: 0.36 ng/ml



#15 Endosulfan II

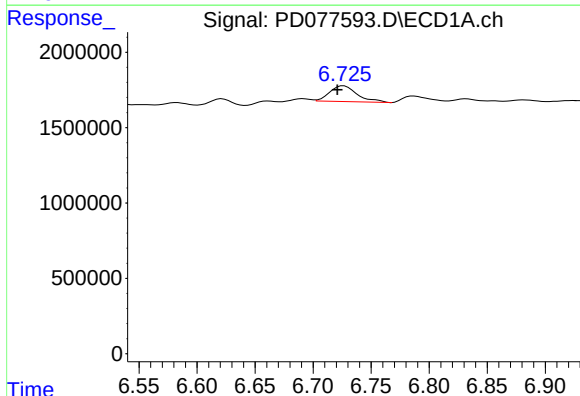
R.T.: 6.787 min
Delta R.T.: -0.020 min
Response: 624725
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



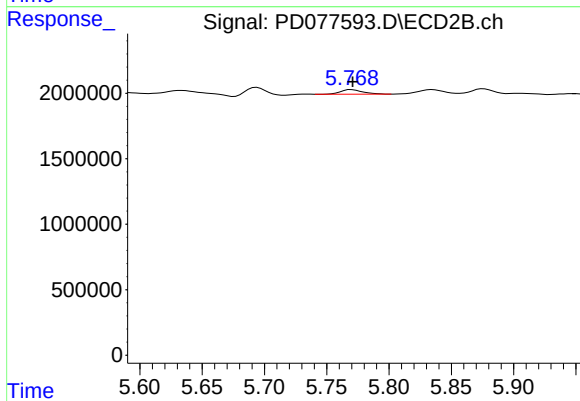
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.918 min
Response: 0
Conc: N.D.



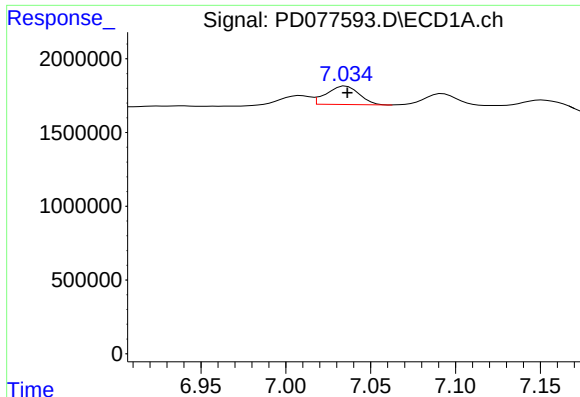
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.005 min
Response: 1738230
Conc: 0.68 ng/ml



#16 4,4'-DDD

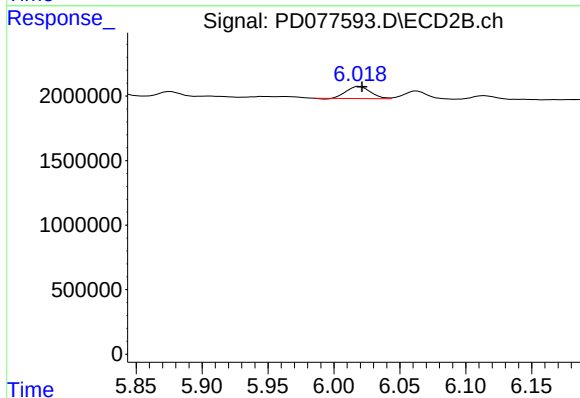
R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 433955
Conc: 0.31 ng/ml



#17 4,4'-DDT

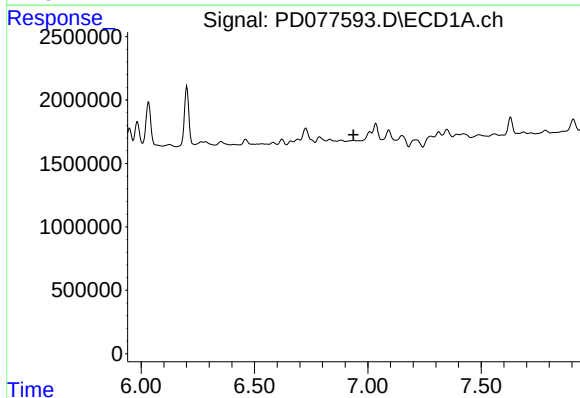
R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 1667303
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



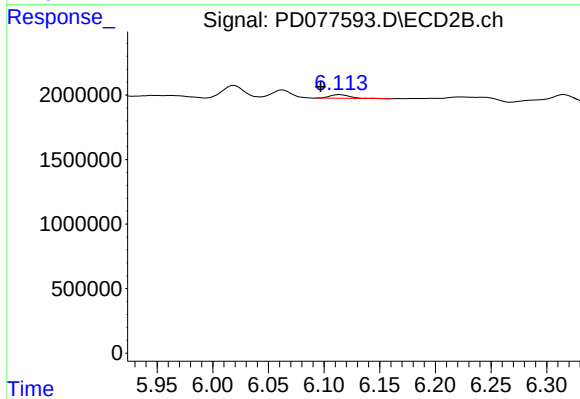
#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 1170147
Conc: 0.83 ng/ml



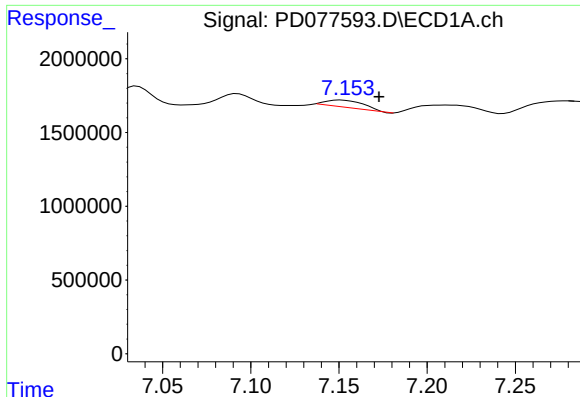
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

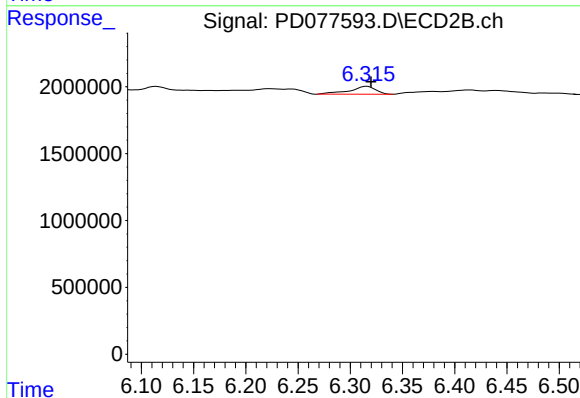
R.T.: 6.114 min
Delta R.T.: 0.017 min
Response: 340005
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

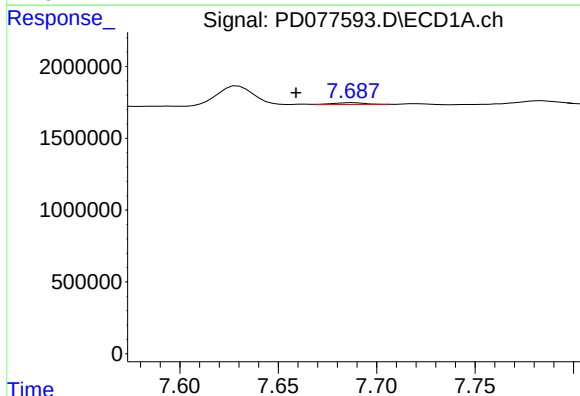
R.T.: 7.151 min
Delta R.T.: -0.022 min
Response: 714112
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



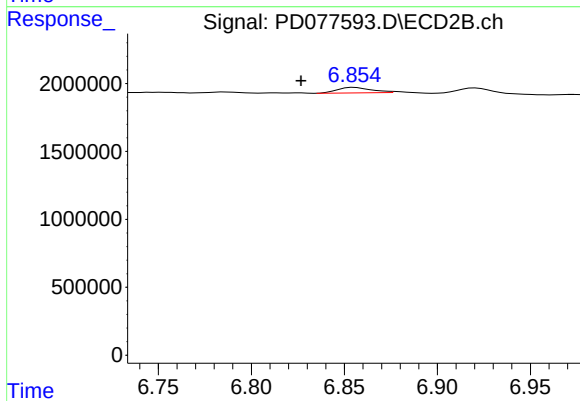
#19 Endosulfan Sulfate

R.T.: 6.316 min
Delta R.T.: -0.004 min
Response: 1026949
Conc: 0.64 ng/ml



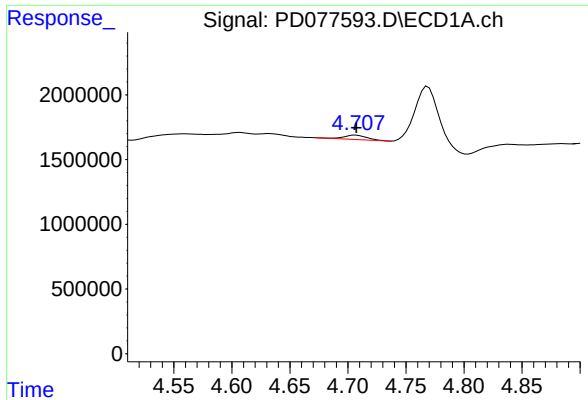
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.029 min
Response: 140529
Conc: 0.04 ng/ml



#21 Endrin ketone

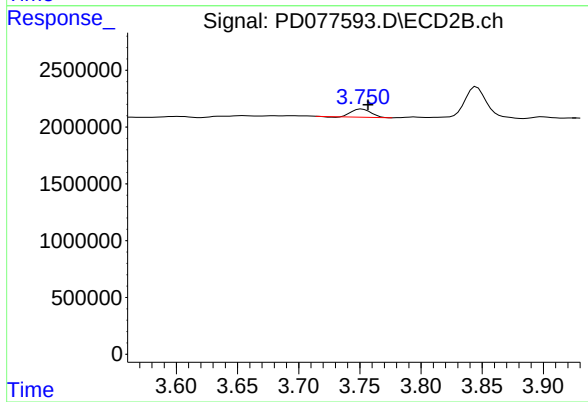
R.T.: 6.855 min
Delta R.T.: 0.029 min
Response: 520610
Conc: 0.28 ng/ml



#23 Chlordane-1

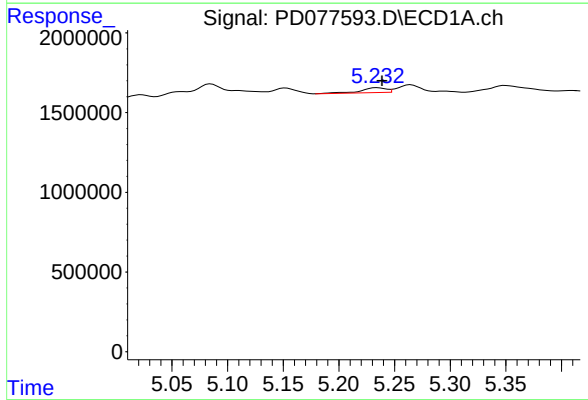
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 471362
Conc: 4.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



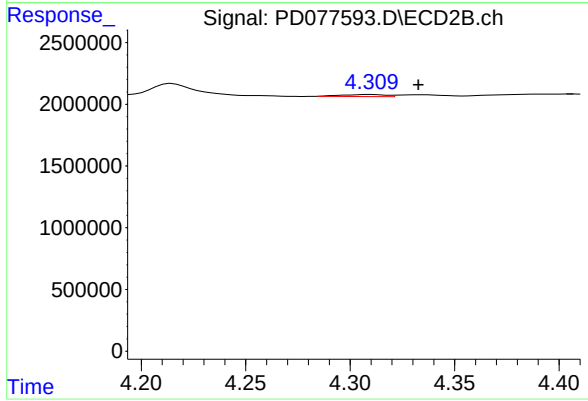
#23 Chlordane-1

R.T.: 3.752 min
Delta R.T.: -0.005 min
Response: 794450
Conc: 13.95 ng/ml



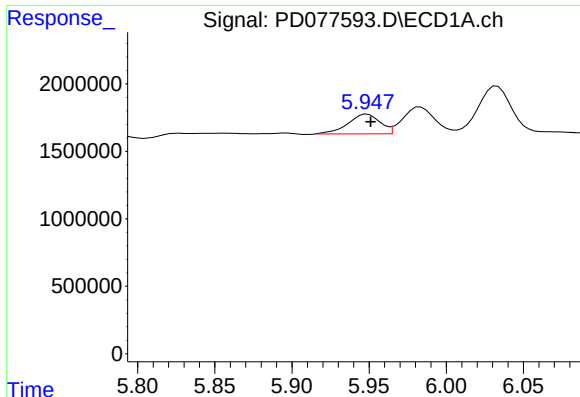
#24 Chlordane-2

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 492696
Conc: 3.86 ng/ml



#24 Chlordane-2

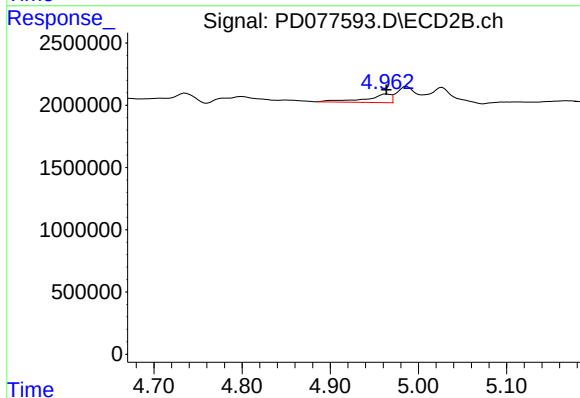
R.T.: 4.310 min
Delta R.T.: -0.023 min
Response: 235435
Conc: 3.70 ng/ml



#25 Chlordane-3

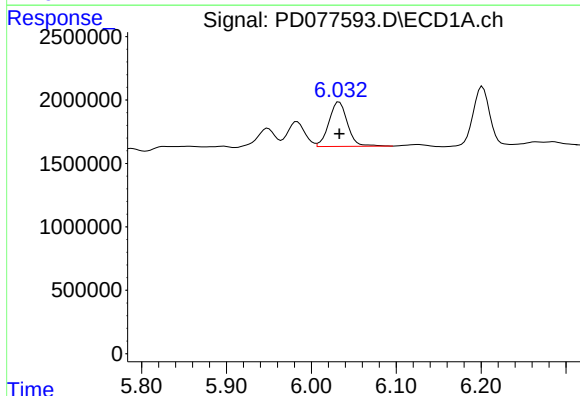
R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 2106460
Conc: 4.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



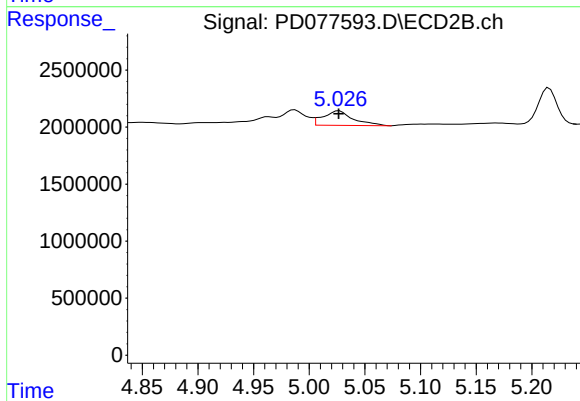
#25 Chlordane-3

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 1343030
Conc: 6.85 ng/ml



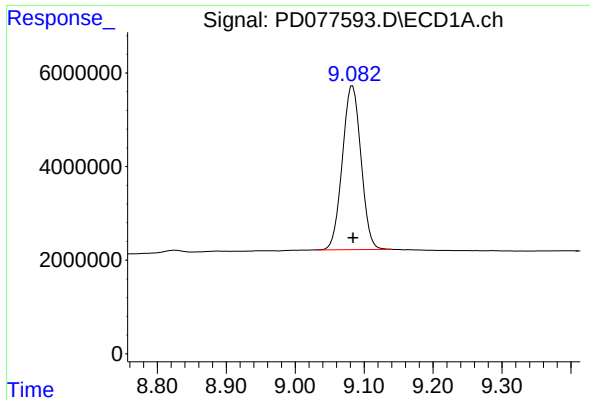
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 5326001
Conc: 8.65 ng/ml



#26 Chlordane-4

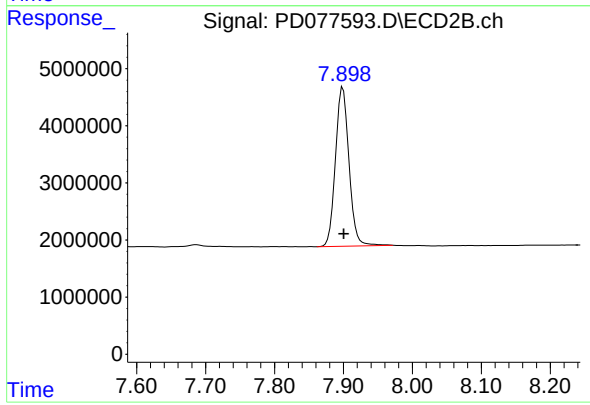
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 2378558
Conc: 12.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 65862956
Conc: 21.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-2



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 37976778
Conc: 22.01 ng/ml