

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 17:06
 Operator : AR\AJ
 Sample : 04212-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TOPSOIL-OU3-DENALI-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:05:42 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...	3.549	2.760	32445523	21245750	12.779	13.433
28)	SA Decachlor...	9.091	7.902	64405760	36042594	21.143	20.887
Target Compounds							
2)	A alpha-BHC	0.000	3.233f	0	713140	N.D.	0.308 #
4)	MA Heptachlor	0.000	3.925	0	203201	N.D.	0.090 #
5)	MB Aldrin	5.271	4.214	1434323	2044683	0.357	0.898 #
6)	B beta-BHC	4.556f	3.903	96718	226273	0.060	0.254 #
7)	B delta-BHC	4.776	0.000	6044020	0	1.640	N.D. #
8)	B Heptachlo...	5.694	4.713	832869	494768	0.233	0.244
9)	A Endosulfan I	0.000	5.101f	0	1365517	N.D.	0.729 #
10)	B gamma-Chl...	5.957	4.964	4965796	2296239	1.411	1.142
11)	B alpha-Chl...	6.040	5.028	10329542	5450662	2.903	2.705
12)	B 4,4'-DDE	6.208	5.216	8481557	6186591	2.634	3.389 #
13)	MA Dieldrin	6.359	5.349	267585	1966782	0.075	0.963 #
14)	MA Endrin	6.590	5.640f	151710	1325766	0.050	0.732 #
15)	B Endosulfa...	6.791f	0.000	607786	0	0.196	N.D. #
16)	A 4,4'-DDD	6.729	5.771	2933763	833372	1.145	0.596 #
17)	MA 4,4'-DDT	7.042	6.021	3015785	1805544	1.153	1.278
18)	B Endrin al...	0.000	6.116f	0	340890	N.D.	0.253 #
19)	B Endosulfa...	7.158	6.317	882436	869077	0.311	0.543 #
20)	A Methoxychlor	0.000	6.575f	0	157669	N.D.	0.204 #
21)	B Endrin ke...	7.671	0.000	770481	0	0.237	N.D. #
23)	Chlordane-1	4.714	3.753	555941	917503	4.756	16.112 #
24)	Chlordane-2	5.242	4.335	1183454	366636	9.272	5.756 #
25)	Chlordane-3	5.957	4.964	4965796	2296239	9.885	11.703
26)	Chlordane-4	6.040	5.028	10329542	5450662	16.769	28.806 #

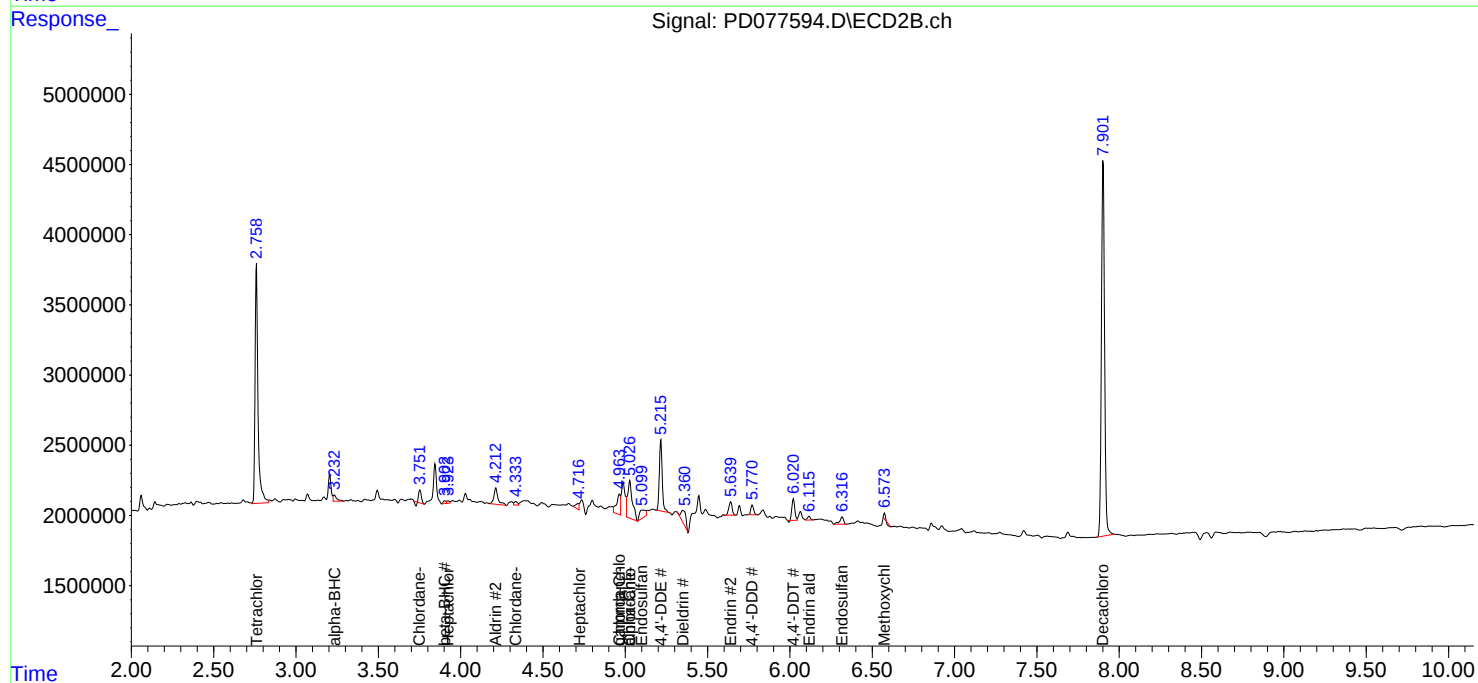
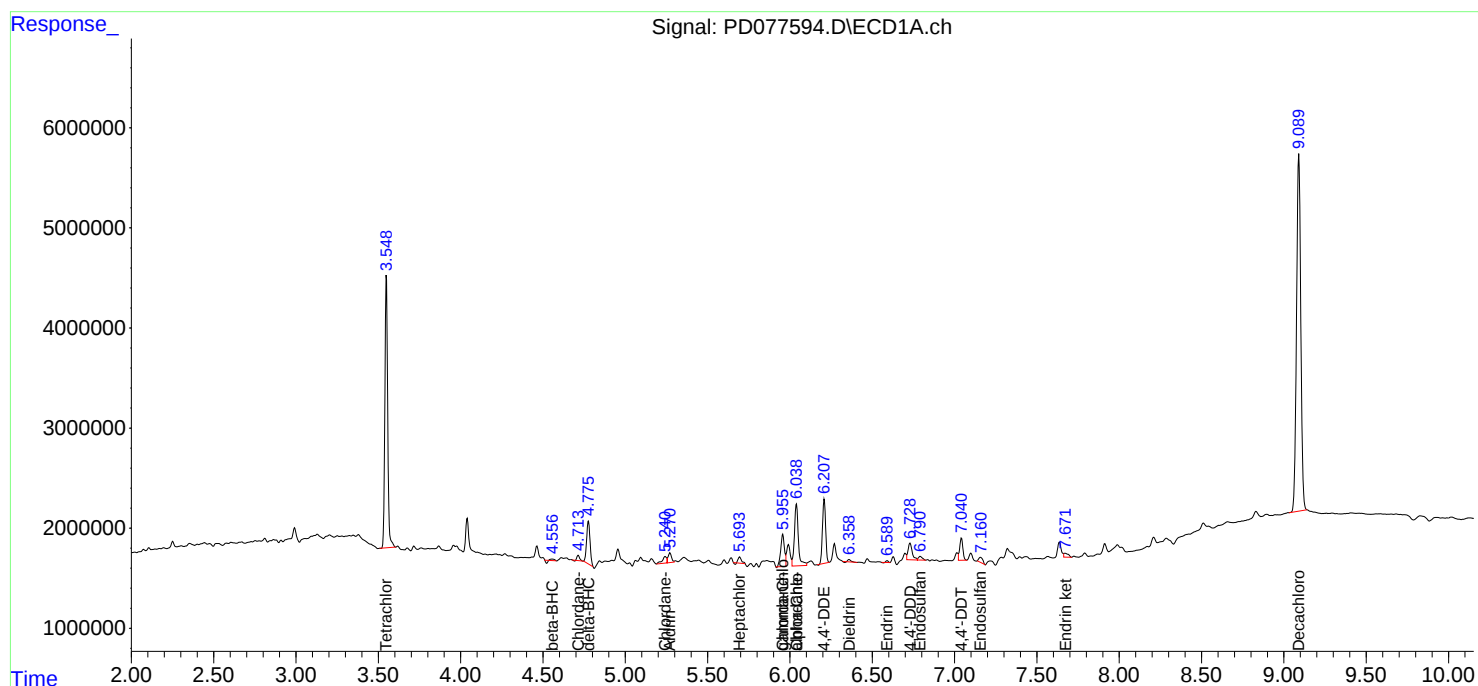
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

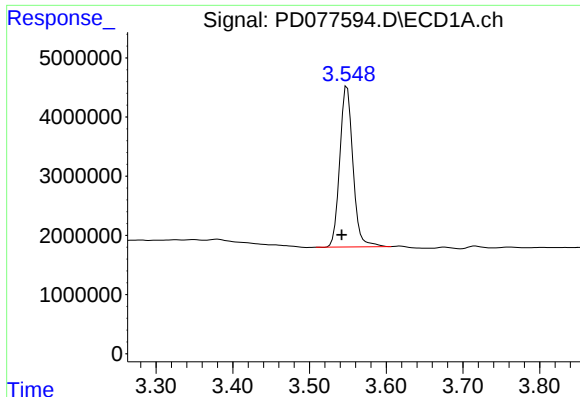
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
Data File : PD077594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Sep 2023 17:06
Operator : AR\AJ
Sample : 04212-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 03 05:05:42 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

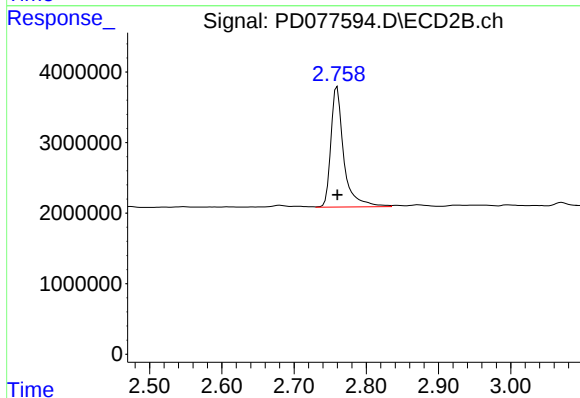




#1 Tetrachloro-m-xylene

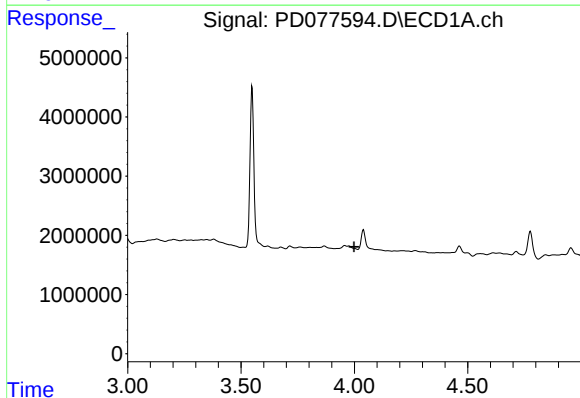
R.T.: 3.549 min
Delta R.T.: 0.007 min
Response: 32445523
Conc: 12.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



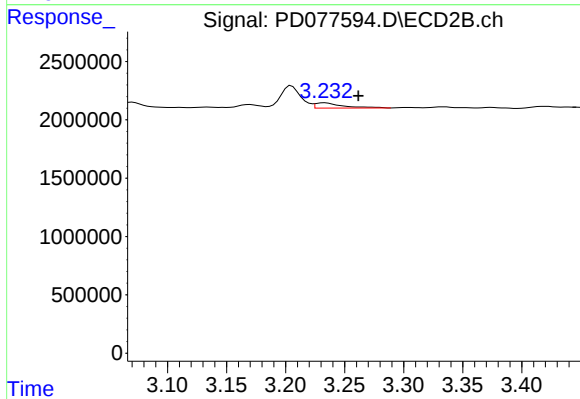
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 21245750
Conc: 13.43 ng/ml



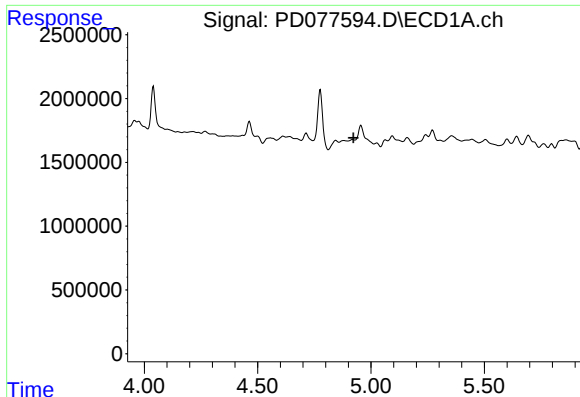
#2 alpha-BHC

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



#2 alpha-BHC

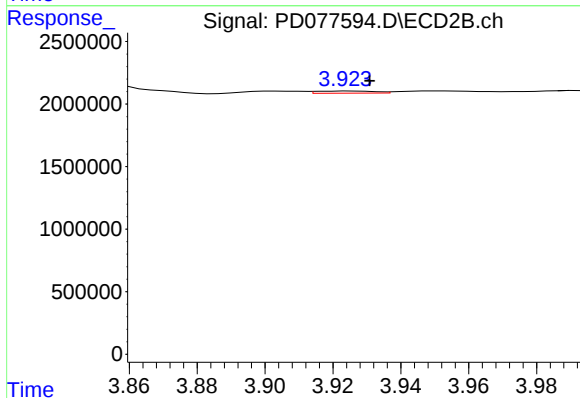
R.T.: 3.233 min
Delta R.T.: -0.028 min
Response: 713140
Conc: 0.31 ng/ml



#4 Heptachlor

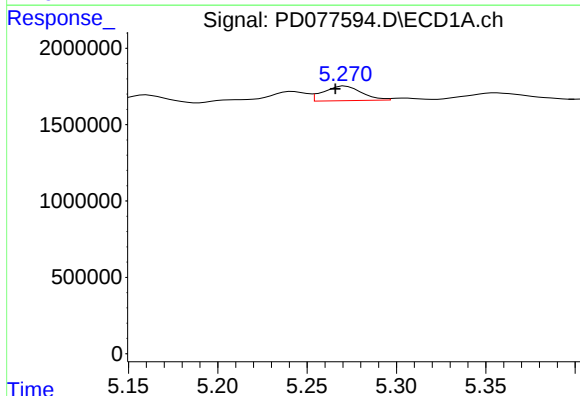
R.T.: 0.000 min
Exp R.T.: 4.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



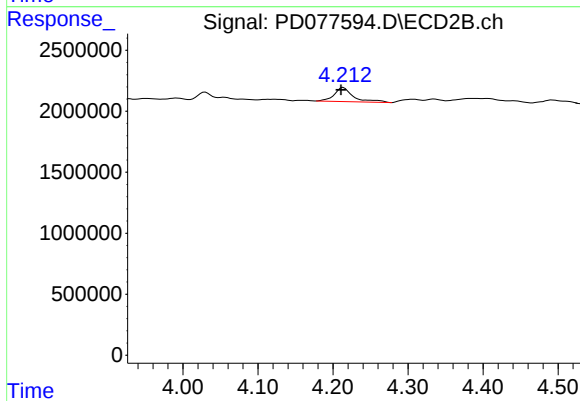
#4 Heptachlor

R.T.: 3.925 min
Delta R.T.: -0.006 min
Response: 203201
Conc: 0.09 ng/ml



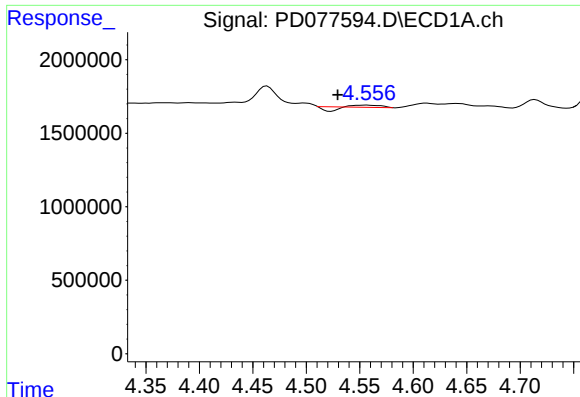
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.005 min
Response: 1434323
Conc: 0.36 ng/ml



#5 Aldrin

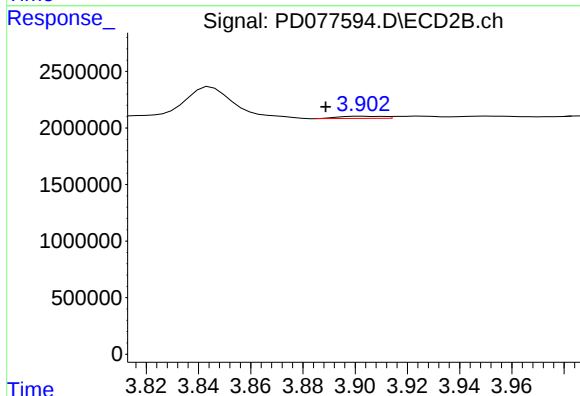
R.T.: 4.214 min
Delta R.T.: 0.003 min
Response: 2044683
Conc: 0.90 ng/ml



#6 beta-BHC

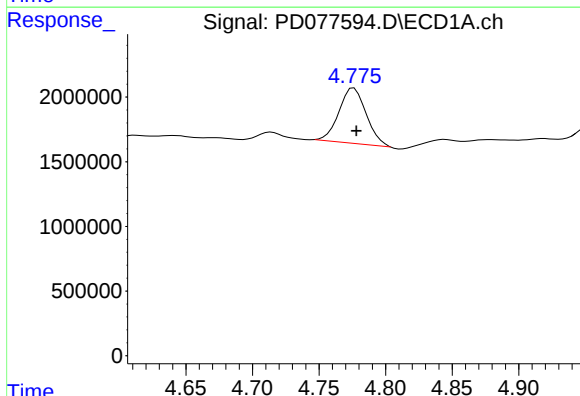
R.T.: 4.556 min
Delta R.T.: 0.027 min
Response: 96718
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



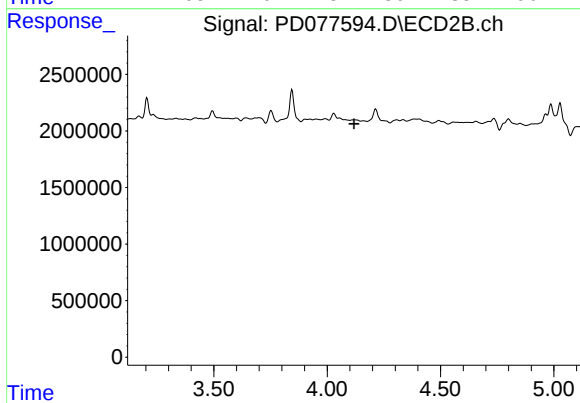
#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.014 min
Response: 226273
Conc: 0.25 ng/ml



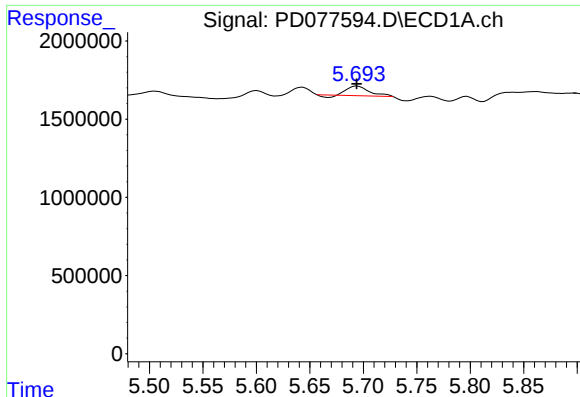
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 6044020
Conc: 1.64 ng/ml



#7 delta-BHC

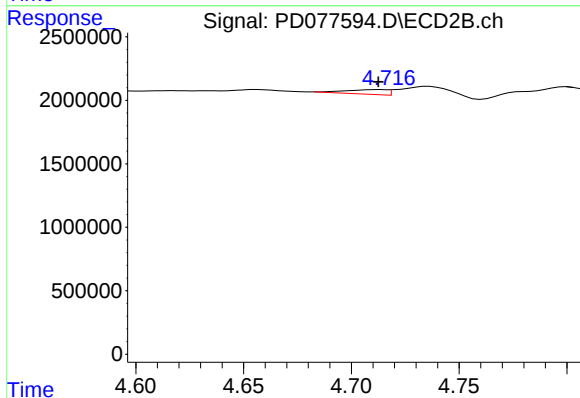
R.T.: 0.000 min
Exp R.T.: 4.119 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

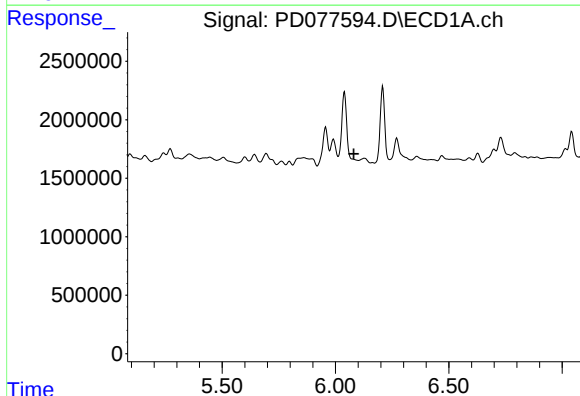
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 832869
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



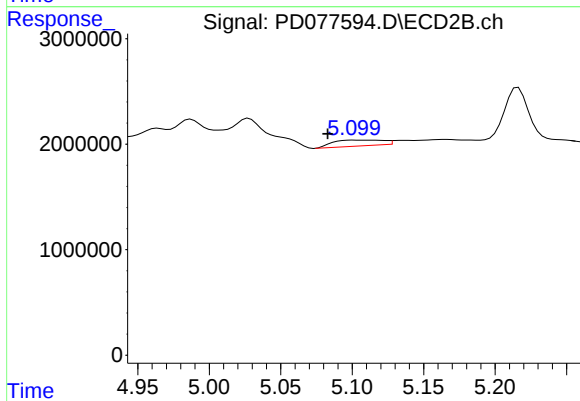
#8 Heptachlor epoxide

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 494768
Conc: 0.24 ng/ml



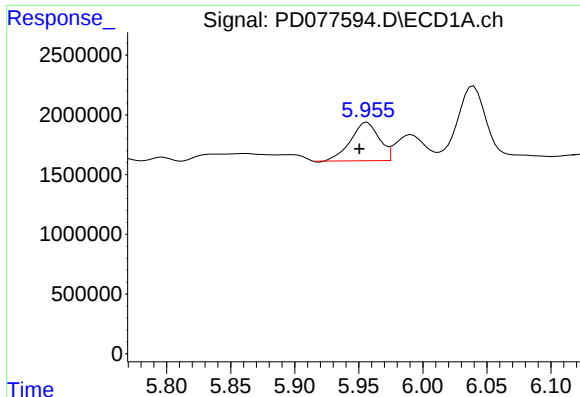
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.080 min
Response: 0
Conc: N.D.



#9 Endosulfan I

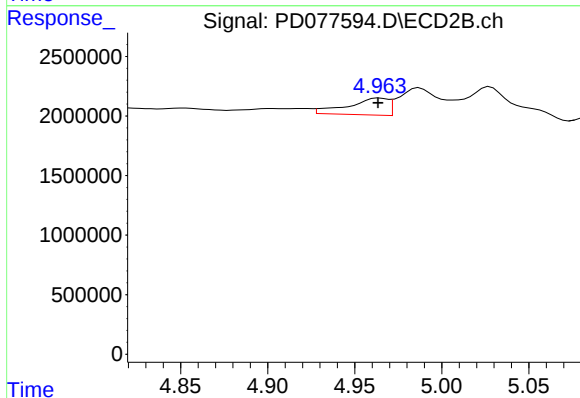
R.T.: 5.101 min
Delta R.T.: 0.018 min
Response: 1365517
Conc: 0.73 ng/ml



#10 gamma-Chlordane

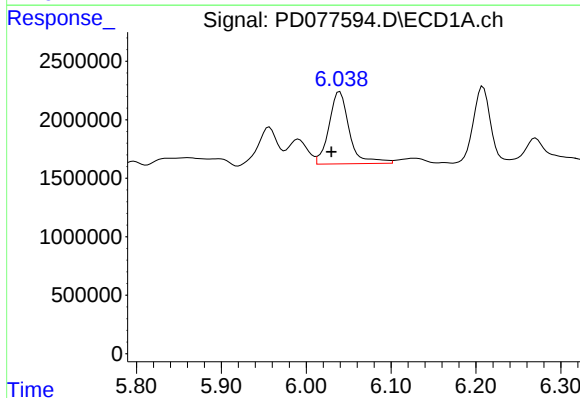
R.T.: 5.957 min
Delta R.T.: 0.006 min
Response: 4965796
Conc: 1.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



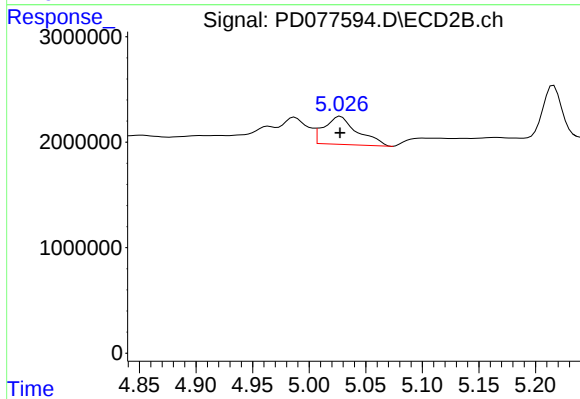
#10 gamma-Chlordane

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 2296239
Conc: 1.14 ng/ml



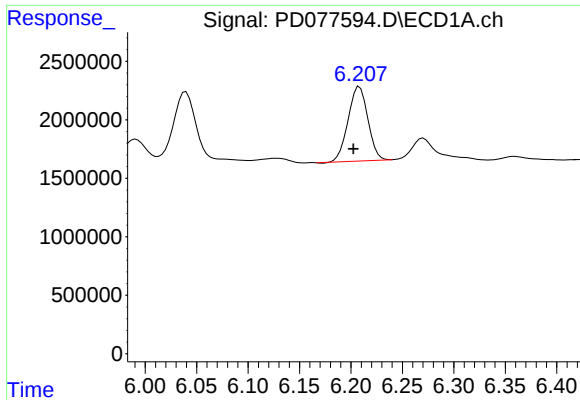
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.010 min
Response: 10329542
Conc: 2.90 ng/ml



#11 alpha-Chlordane

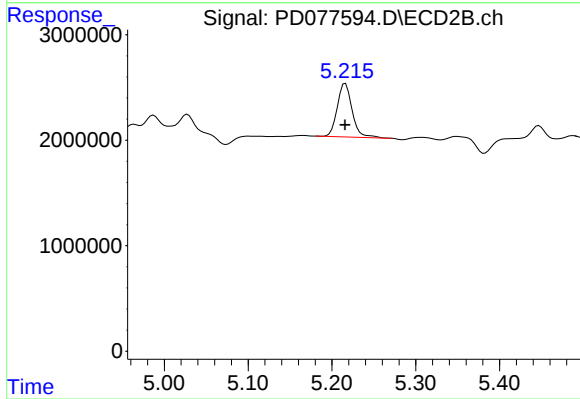
R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 5450662
Conc: 2.71 ng/ml



#12 4,4'-DDE

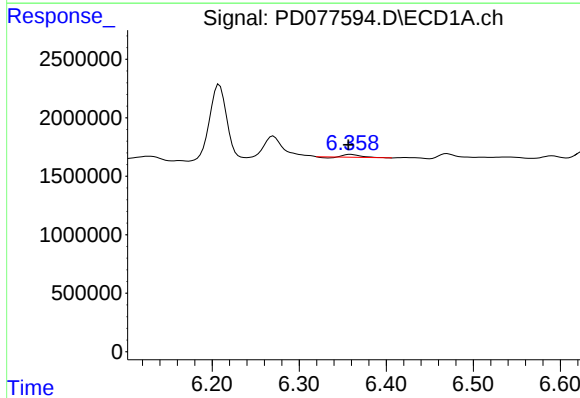
R.T.: 6.208 min
Delta R.T.: 0.006 min
Response: 8481557
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



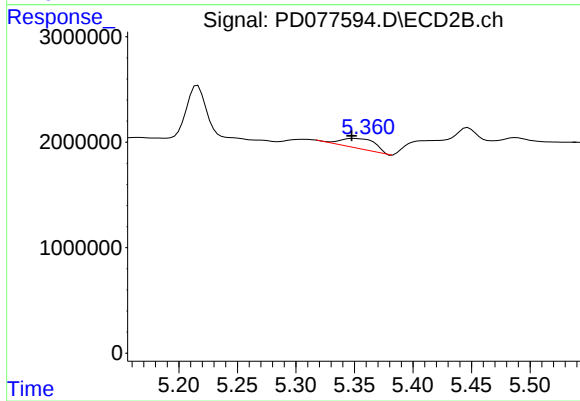
#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 6186591
Conc: 3.39 ng/ml



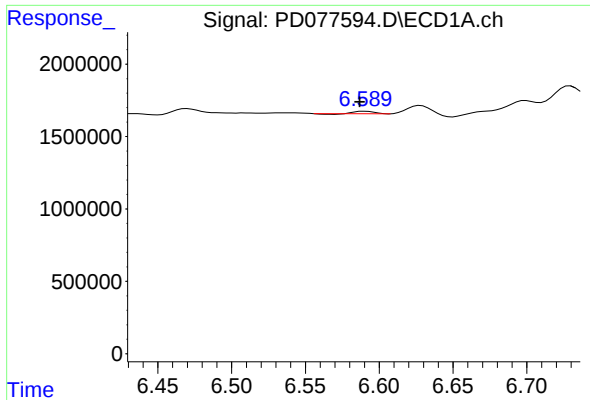
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 267585
Conc: 0.08 ng/ml



#13 Dieldrin

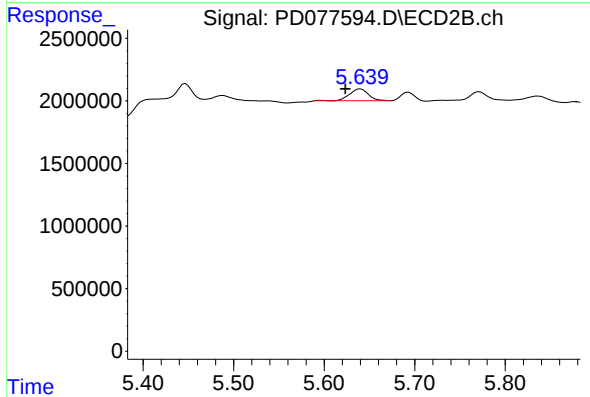
R.T.: 5.349 min
Delta R.T.: 0.002 min
Response: 1966782
Conc: 0.96 ng/ml



#14 Endrin

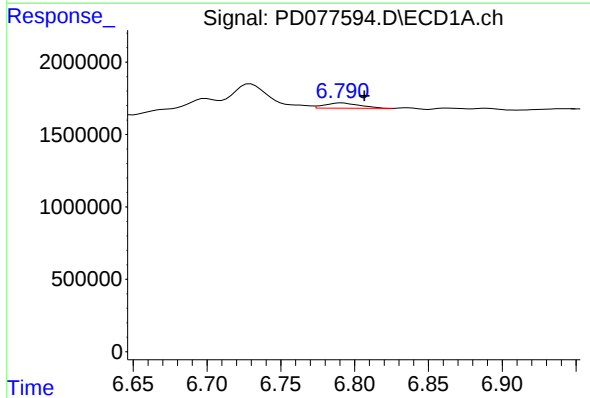
R.T.: 6.590 min
Delta R.T.: 0.004 min
Response: 151710
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



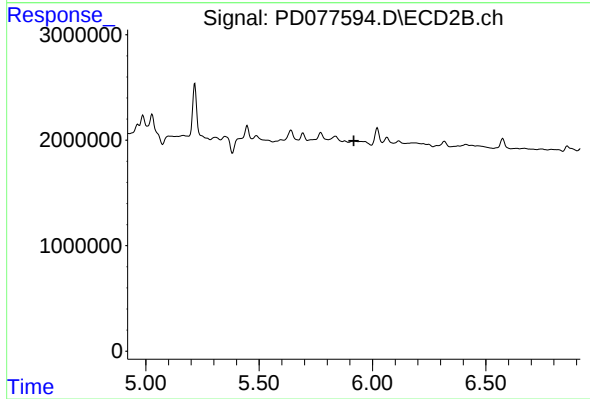
#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.017 min
Response: 1325766
Conc: 0.73 ng/ml



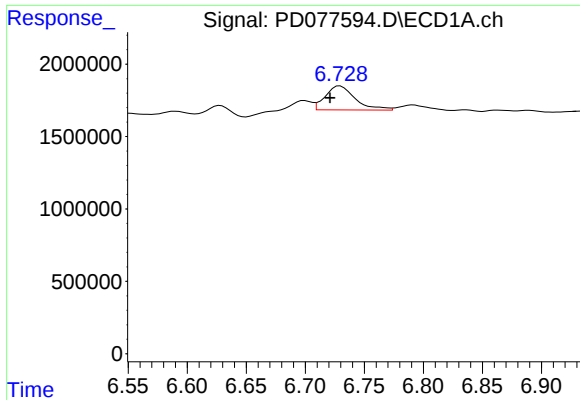
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.015 min
Response: 607786
Conc: 0.20 ng/ml



#15 Endosulfan II

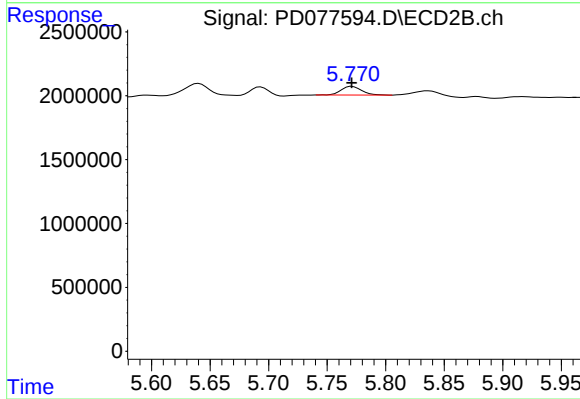
R.T.: 0.000 min
Exp R.T. : 5.918 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

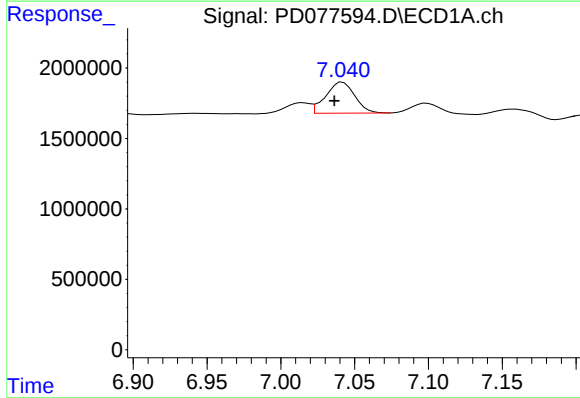
R.T.: 6.729 min
Delta R.T.: 0.008 min
Response: 2933763
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



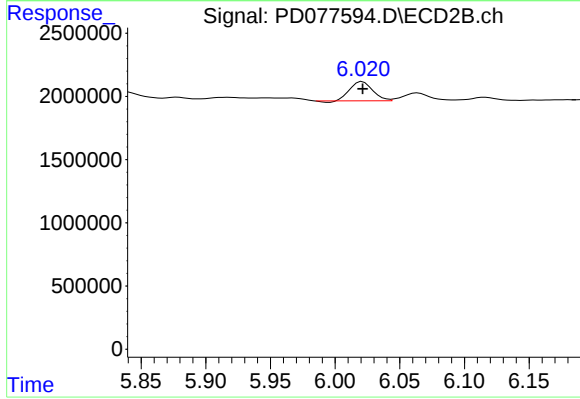
#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 833372
Conc: 0.60 ng/ml



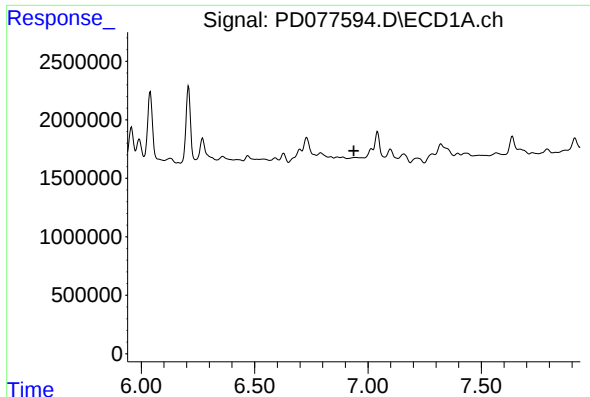
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: 0.006 min
Response: 3015785
Conc: 1.15 ng/ml



#17 4,4'-DDT

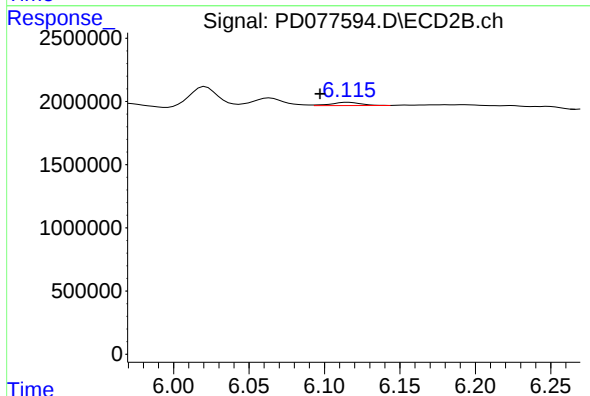
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 1805544
Conc: 1.28 ng/ml



#18 Endrin aldehyde

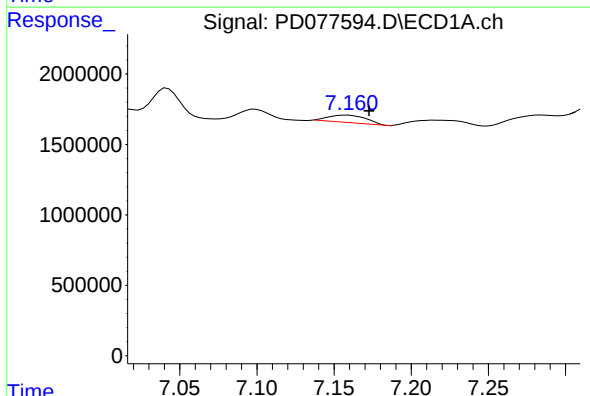
R.T.: 0.000 min
Exp R.T.: 6.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



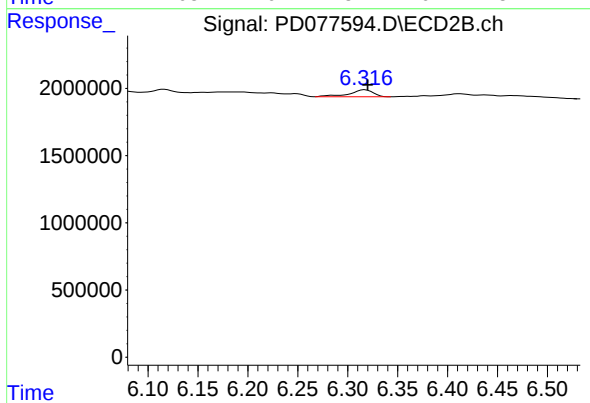
#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.019 min
Response: 340890
Conc: 0.25 ng/ml



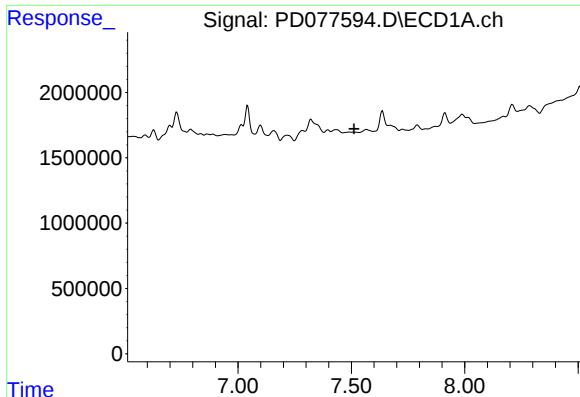
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.015 min
Response: 882436
Conc: 0.31 ng/ml



#19 Endosulfan Sulfate

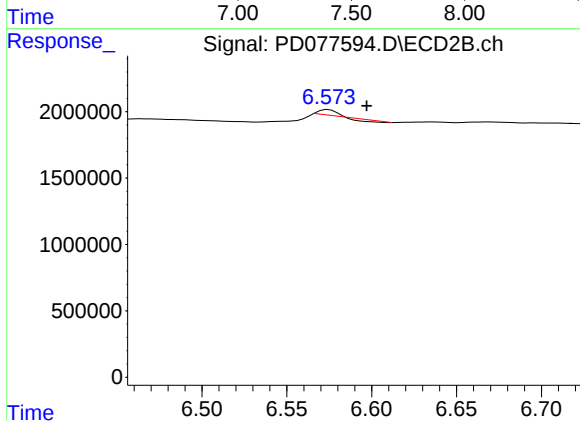
R.T.: 6.317 min
Delta R.T.: -0.003 min
Response: 869077
Conc: 0.54 ng/ml



#20 Methoxychlor

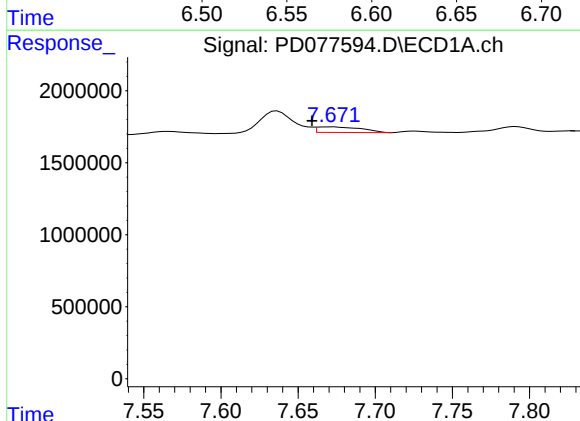
R.T.: 0.000 min
Exp R.T.: 7.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



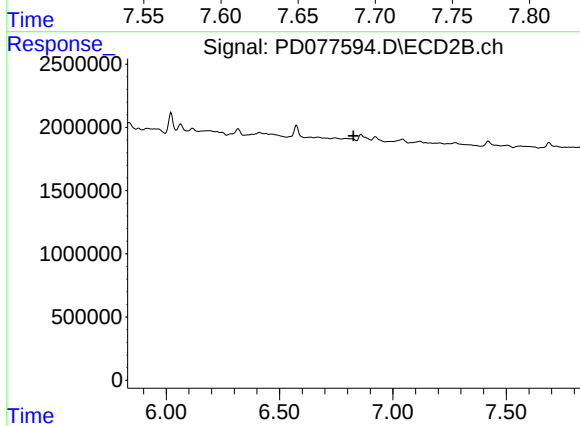
#20 Methoxychlor

R.T.: 6.575 min
Delta R.T.: -0.022 min
Response: 157669
Conc: 0.20 ng/ml



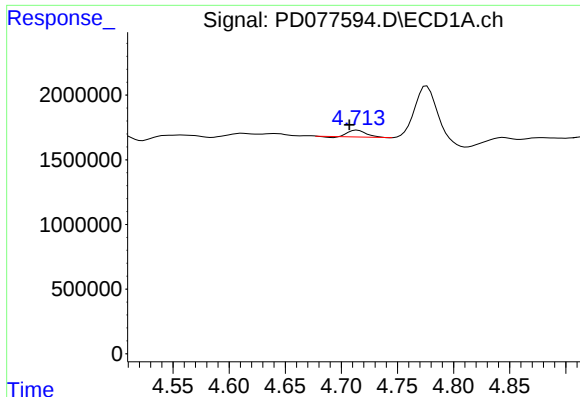
#21 Endrin ketone

R.T.: 7.671 min
Delta R.T.: 0.012 min
Response: 770481
Conc: 0.24 ng/ml



#21 Endrin ketone

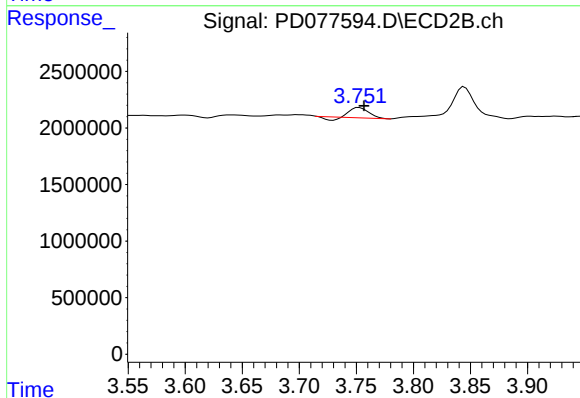
R.T.: 0.000 min
Exp R.T.: 6.827 min
Response: 0
Conc: N.D.



#23 Chlordane-1

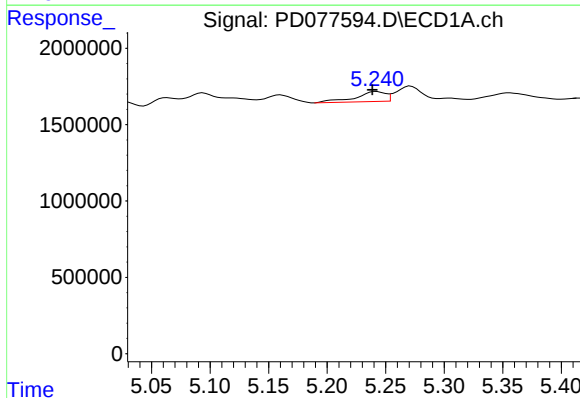
R.T.: 4.714 min
Delta R.T.: 0.007 min
Response: 555941
Conc: 4.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



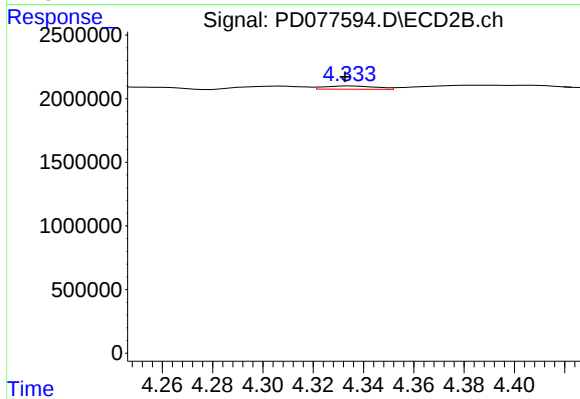
#23 Chlordane-1

R.T.: 3.753 min
Delta R.T.: -0.004 min
Response: 917503
Conc: 16.11 ng/ml



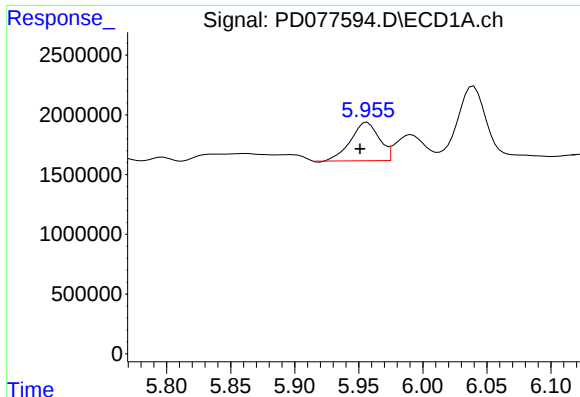
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.003 min
Response: 1183454
Conc: 9.27 ng/ml



#24 Chlordane-2

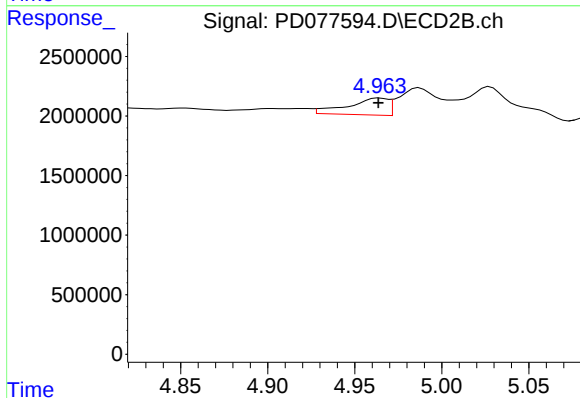
R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 366636
Conc: 5.76 ng/ml



#25 Chlordane-3

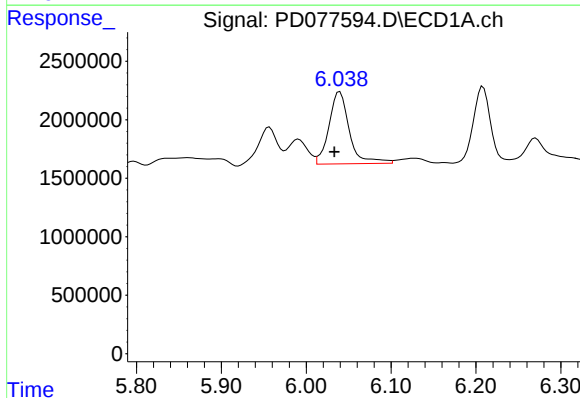
R.T.: 5.957 min
Delta R.T.: 0.006 min
Response: 4965796
Conc: 9.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



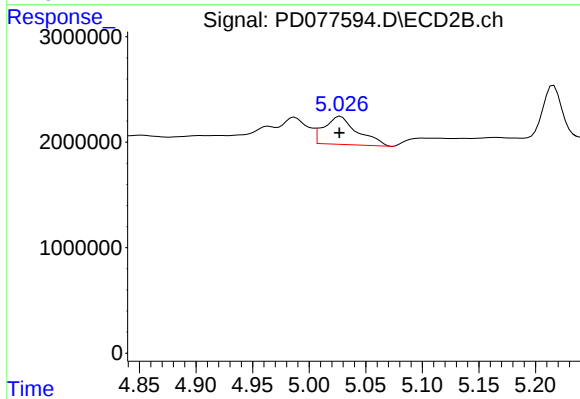
#25 Chlordane-3

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 2296239
Conc: 11.70 ng/ml



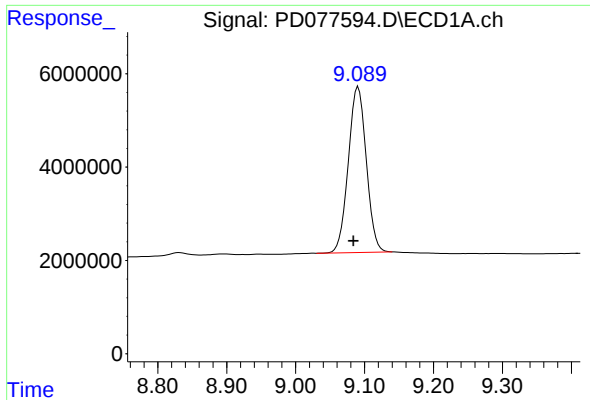
#26 Chlordane-4

R.T.: 6.040 min
Delta R.T.: 0.006 min
Response: 10329542
Conc: 16.77 ng/ml



#26 Chlordane-4

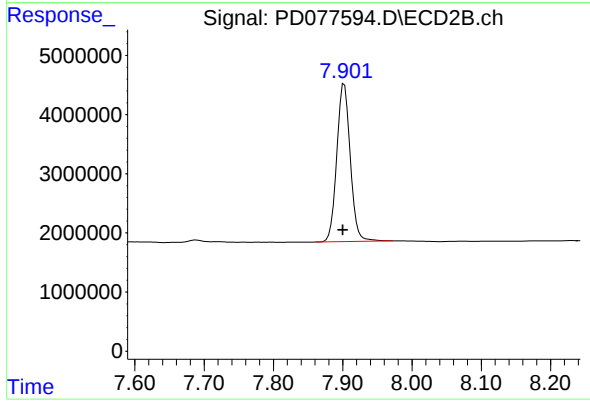
R.T.: 5.028 min
Delta R.T.: 0.001 min
Response: 5450662
Conc: 28.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.007 min
Response: 64405760
Conc: 21.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-OU3-DENALI-3



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 36042594
Conc: 20.89 ng/ml