

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 15:08
 Operator : AR\AJ
 Sample : 03279-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-OU3-DENALI-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:11:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.455	2.752	55753680	45887186	25.224	19.699
28)	SA Decachlor...	8.995	7.964	42219183	42861309	22.156	17.451
Target Compounds							
2)	A alpha-BHC	3.886f	3.289f	1083887	177075	0.348	0.052 #
3)	MA gamma-BHC...	4.216f	3.598	3266967	3952414	1.146	1.231
4)	MA Heptachlor	0.000	3.917f	0	61248	N.D.	0.020 #
5)	MB Aldrin	5.175	4.223	4834386	1515057	1.860	0.503 #
6)	B beta-BHC	4.441	3.917f	629412	61248	0.486	0.041 #
7)	B delta-BHC	4.692	4.126	940999	1604582	0.341	0.498 #
8)	B Heptachlo...	5.603	4.736	1656362	1685214	0.653	0.587
9)	A Endosulfan I	0.000	5.130f	0	37649774	N.D.	13.970 #
10)	B gamma-Chl...	5.865	4.989	4806246	12708719	1.998	4.295 #
11)	B alpha-Chl...	5.948	5.053	21467438	21762084	9.063	7.356
12)	B 4,4'-DDE	6.125	5.251	20580509	30032550	10.195	11.756
13)	MA Dieldrin	6.270	5.377	27617277	41280185	12.299	14.721
14)	MA Endrin	6.506	5.649	261739	3440653	0.148	1.491 #
15)	B Endosulfa...	6.701	5.957	6165715	9415733	3.303	3.967
16)	A 4,4'-DDD	6.641	5.810	17794393	9805677	10.422	4.447 #
17)	MA 4,4'-DDT	6.957	6.064	22877863	23873833	13.588	11.435
18)	B Endrin al...	6.867f	6.146	2194853	14283152	1.481	7.557 #
19)	B Endosulfa...	7.080	6.361	755833	2976339	0.394	1.229 #
20)	A Methoxychlor	0.000	6.664	0	18568593	N.D.	15.407 #
22)	Mirex	8.052	7.046	2483443	641442	1.331	0.267 #
23)	Chlordane-1	4.619	3.767	932806	3045522	9.697	31.070 #
24)	Chlordane-2	5.135f	4.353	4420168	1382324	40.740	11.496 #
25)	Chlordane-3	5.865	4.989	4806246	12708719	12.578	38.787 #
26)	Chlordane-4	5.948	5.053	21467438	21762084	46.424	64.561 #
27)	Chlordane-5	6.808	5.957	684486	9415733	8.624	84.691 #

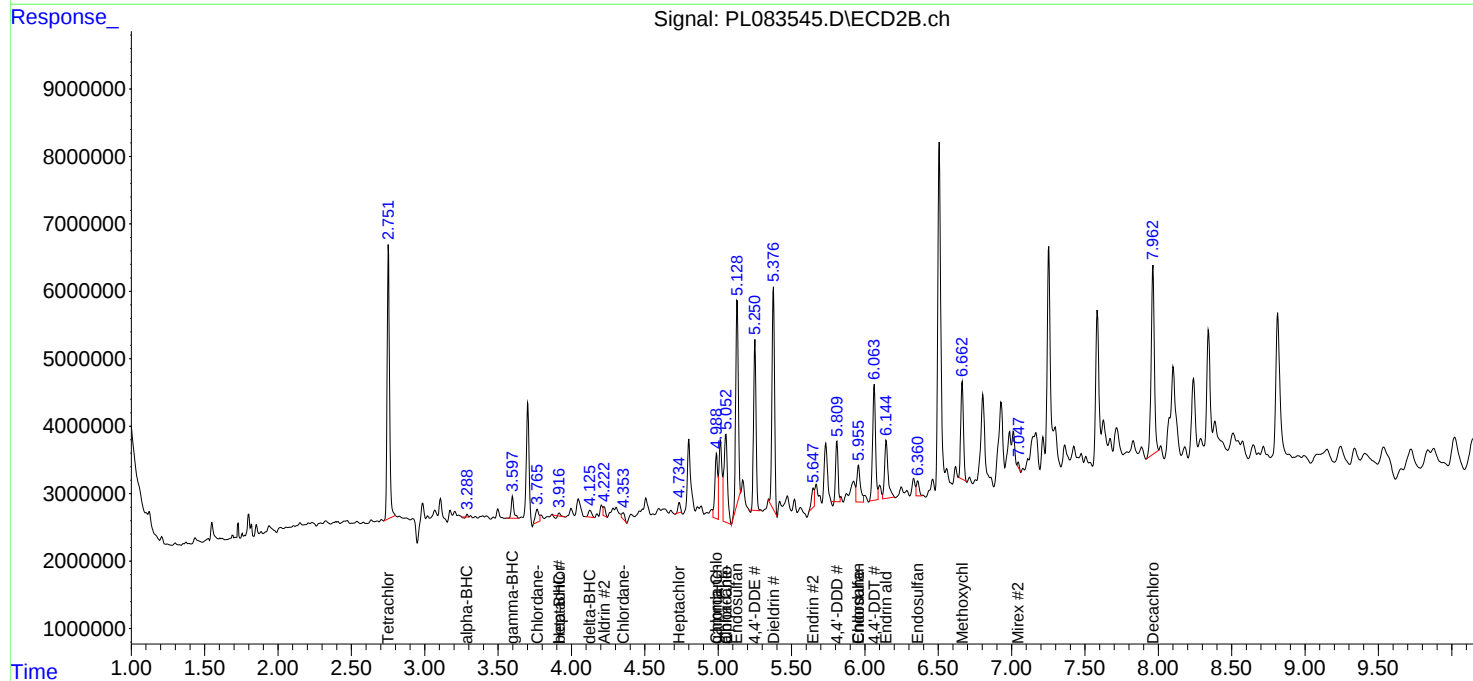
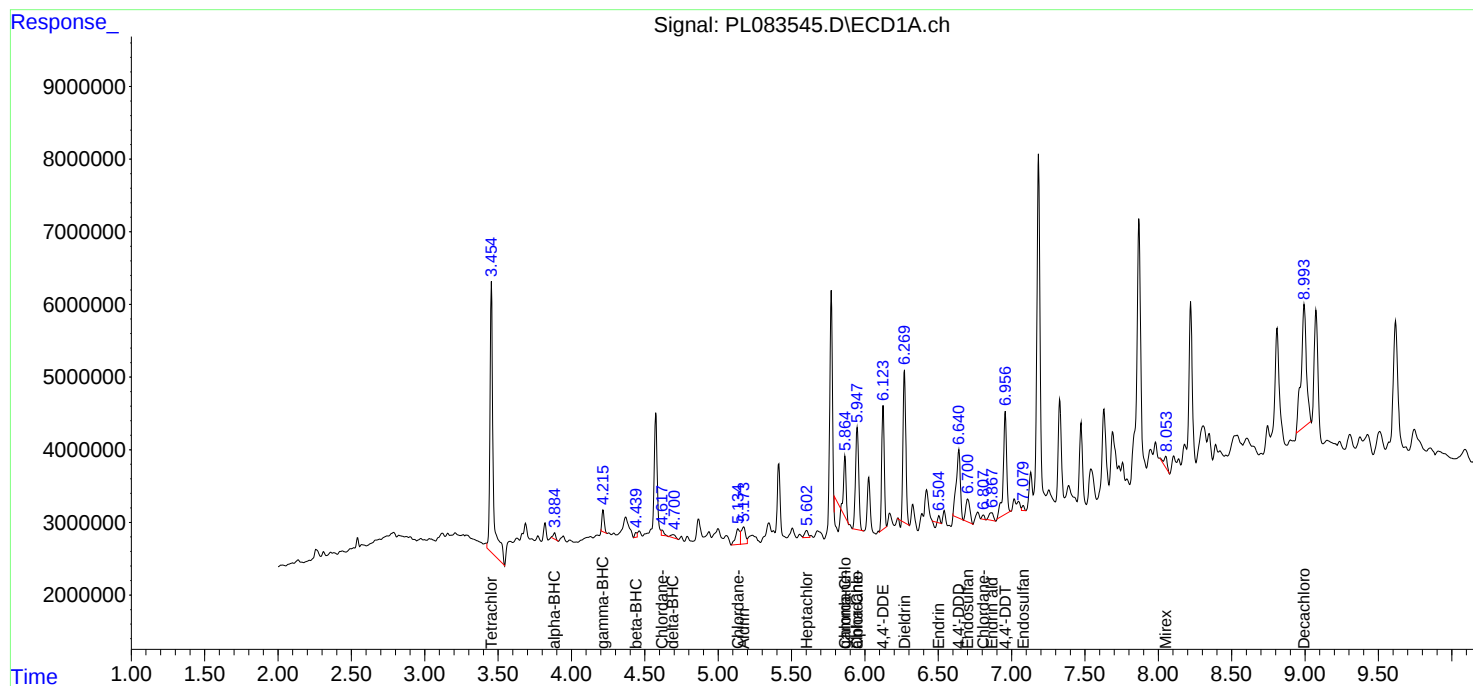
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

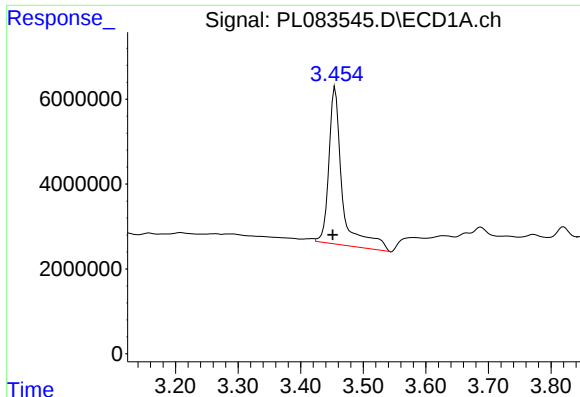
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083545.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 15:08
Operator : AR\AJ
Sample : 03279-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 04:11:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 2023
Response via : Initial Calibration
Integrator: ChemStation

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

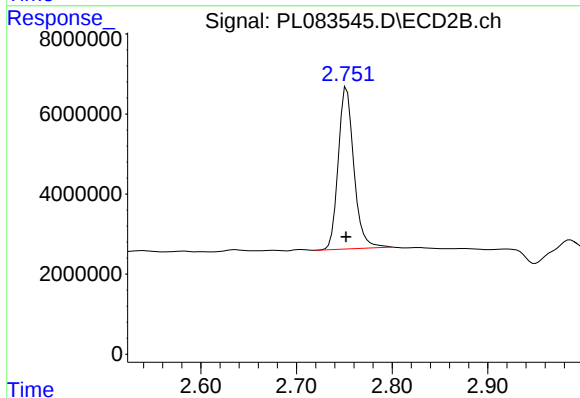




#1 Tetrachloro-m-xylene

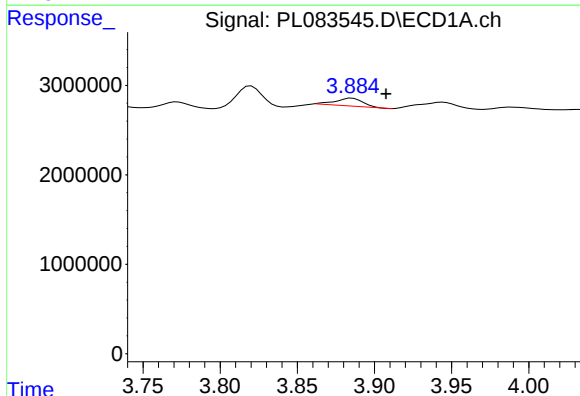
R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 55753680
Conc: 25.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



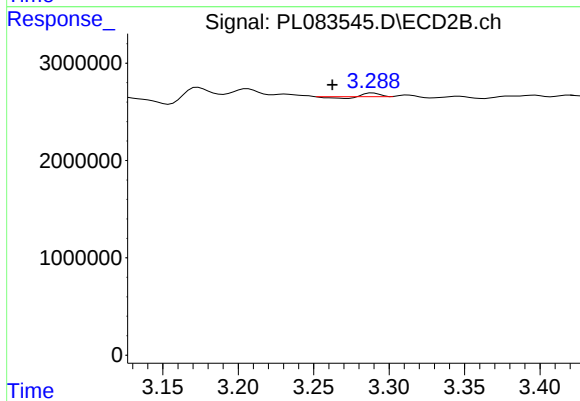
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 45887186
Conc: 19.70 ng/ml



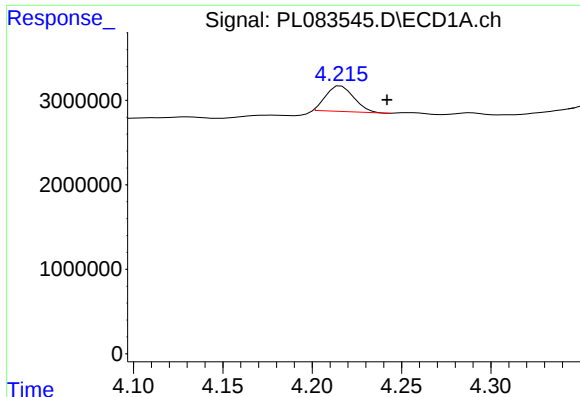
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.022 min
Response: 1083887
Conc: 0.35 ng/ml



#2 alpha-BHC

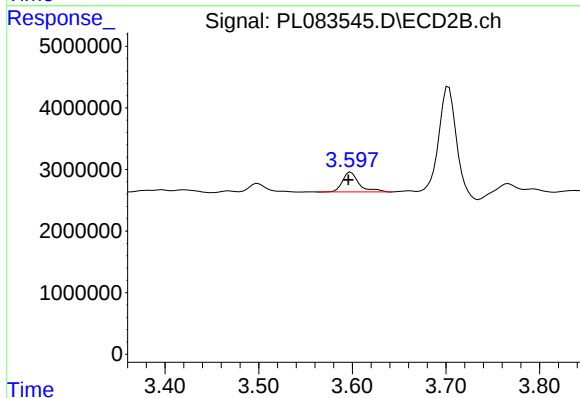
R.T.: 3.289 min
Delta R.T.: 0.027 min
Response: 177075
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

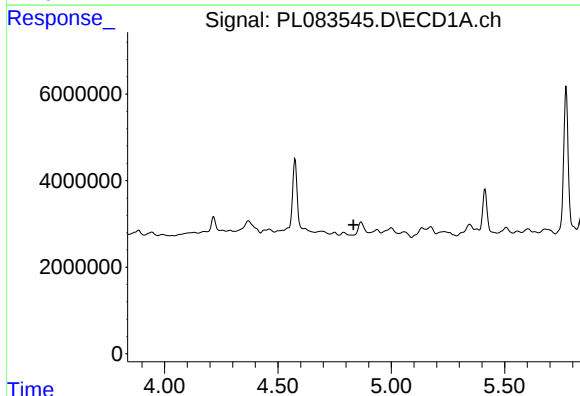
R.T.: 4.216 min
Delta R.T.: -0.026 min
Response: 3266967
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



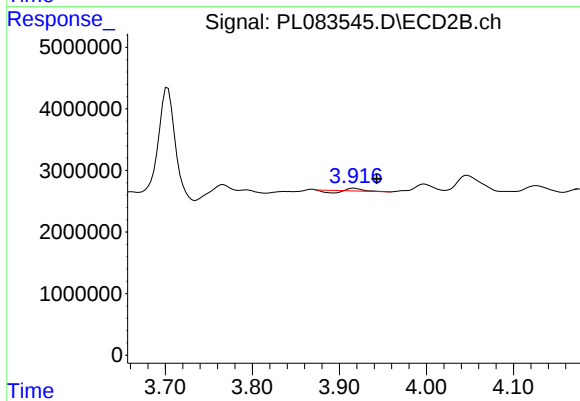
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: 0.003 min
Response: 3952414
Conc: 1.23 ng/ml



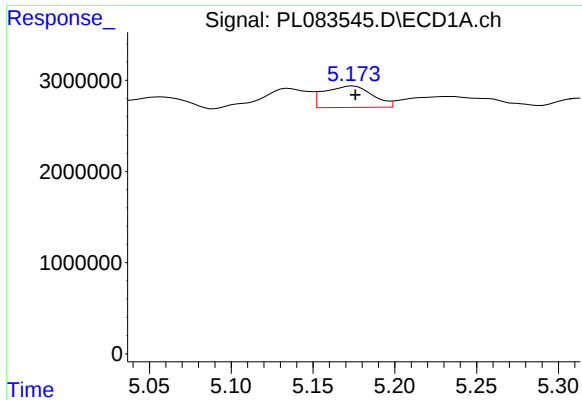
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#4 Heptachlor

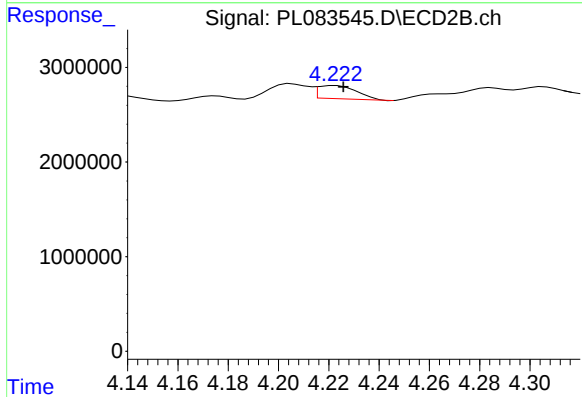
R.T.: 3.917 min
Delta R.T.: -0.026 min
Response: 61248
Conc: 0.02 ng/ml



#5 Aldrin

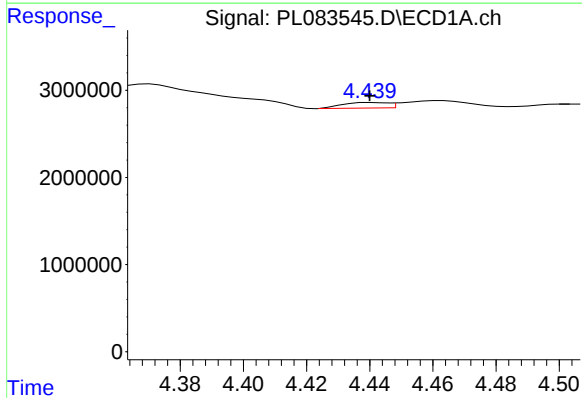
R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 4834386
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



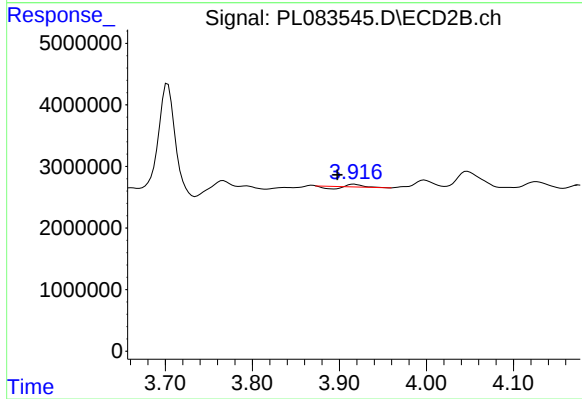
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.003 min
Response: 1515057
Conc: 0.50 ng/ml



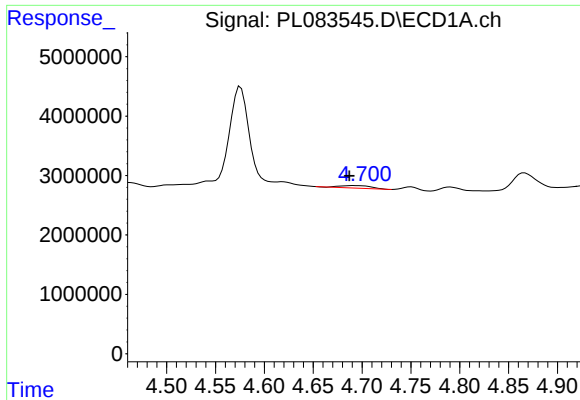
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 629412
Conc: 0.49 ng/ml



#6 beta-BHC

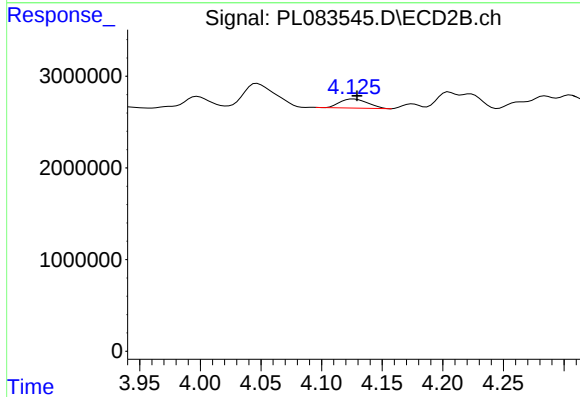
R.T.: 3.917 min
Delta R.T.: 0.019 min
Response: 61248
Conc: 0.04 ng/ml



#7 delta-BHC

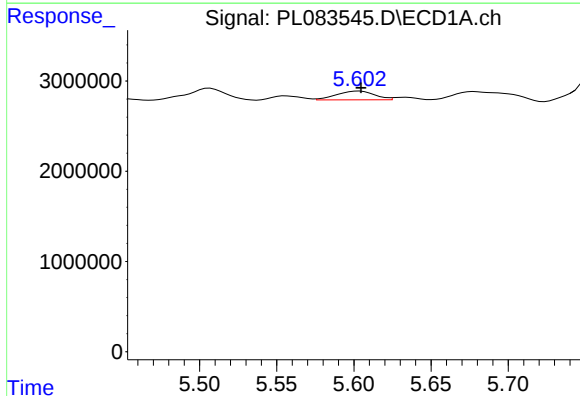
R.T.: 4.692 min
Delta R.T.: 0.005 min
Response: 940999
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



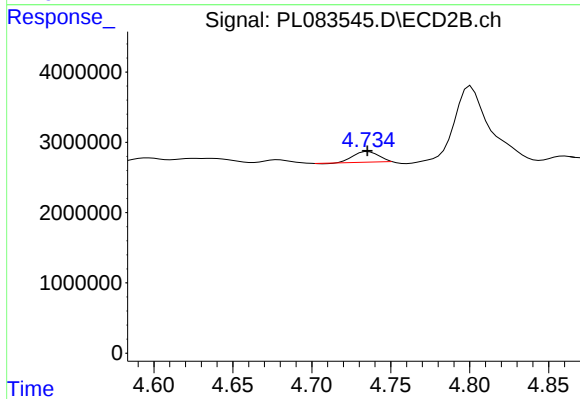
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: -0.003 min
Response: 1604582
Conc: 0.50 ng/ml



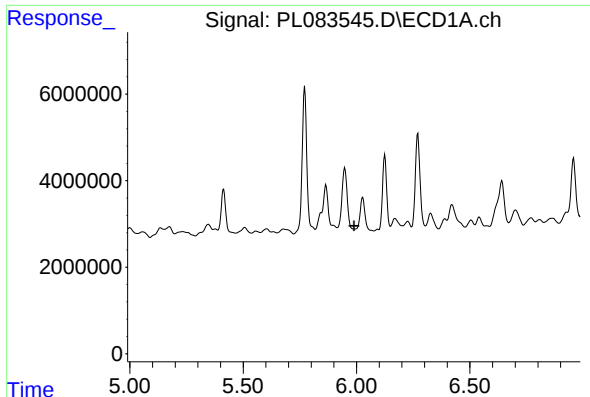
#8 Heptachlor epoxide

R.T.: 5.603 min
Delta R.T.: -0.001 min
Response: 1656362
Conc: 0.65 ng/ml



#8 Heptachlor epoxide

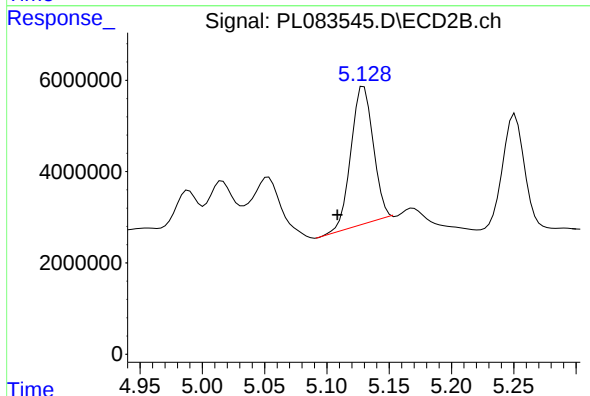
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 1685214
Conc: 0.59 ng/ml



#9 Endosulfan I

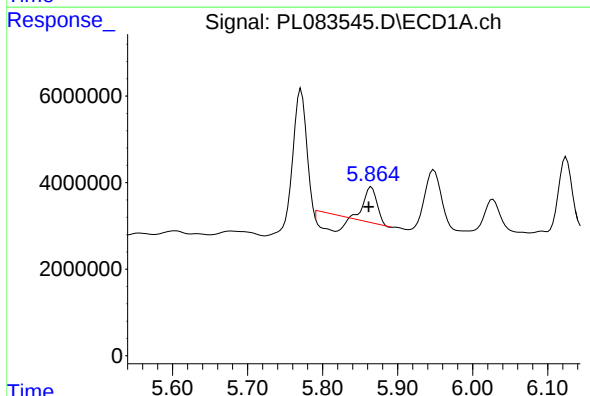
R.T.: 0.000 min
Exp R.T.: 5.989 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



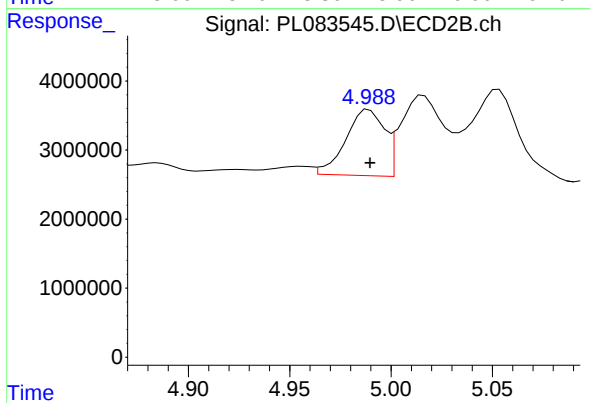
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.021 min
Response: 37649774
Conc: 13.97 ng/ml



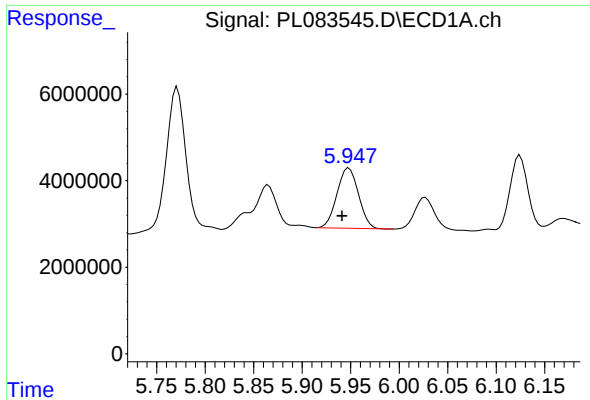
#10 gamma-Chlordane

R.T.: 5.865 min
Delta R.T.: 0.004 min
Response: 4806246
Conc: 2.00 ng/ml



#10 gamma-Chlordane

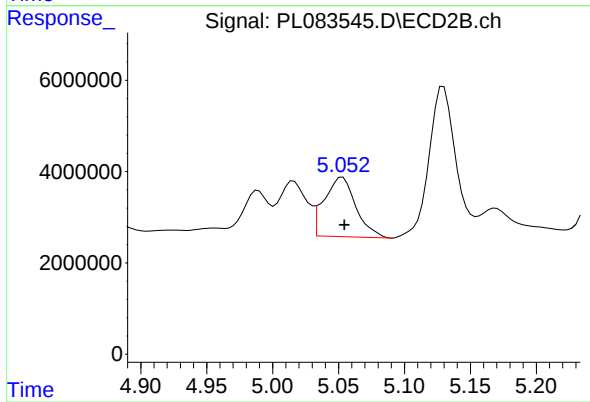
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 12708719
Conc: 4.30 ng/ml



#11 alpha-Chlordane

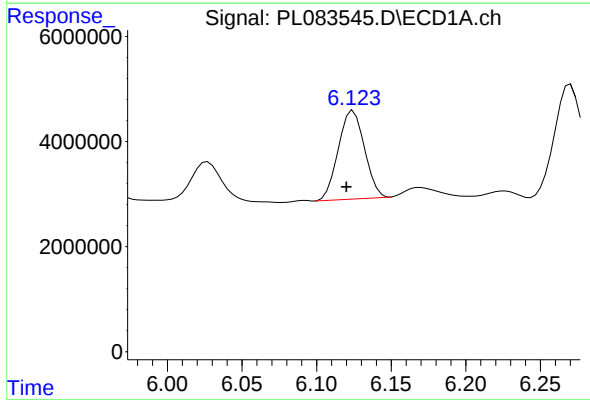
R.T.: 5.948 min
Delta R.T.: 0.007 min
Response: 21467438
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



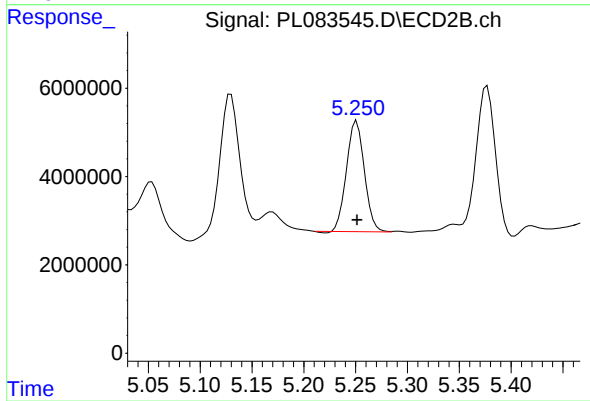
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 21762084
Conc: 7.36 ng/ml



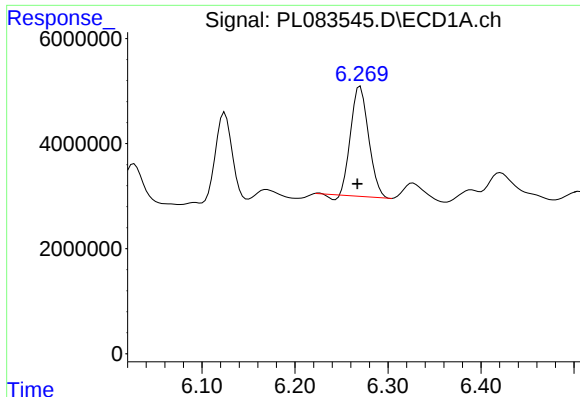
#12 4,4'-DDE

R.T.: 6.125 min
Delta R.T.: 0.005 min
Response: 20580509
Conc: 10.19 ng/ml



#12 4,4'-DDE

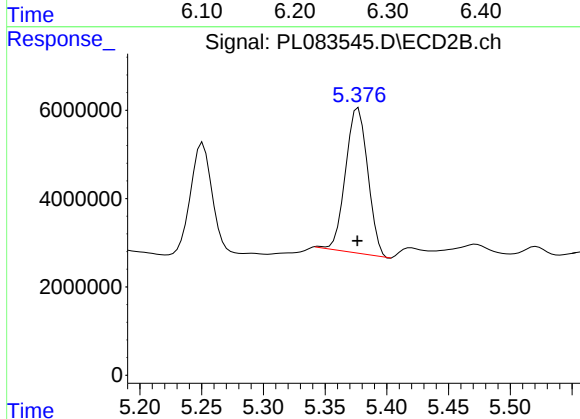
R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 30032550
Conc: 11.76 ng/ml



#13 Dieldrin

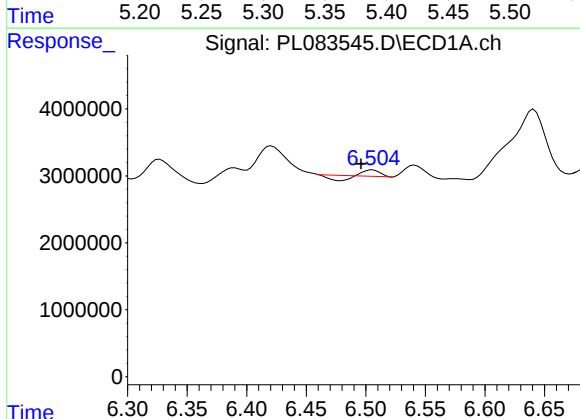
R.T.: 6.270 min
Delta R.T.: 0.003 min
Response: 27617277
Conc: 12.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



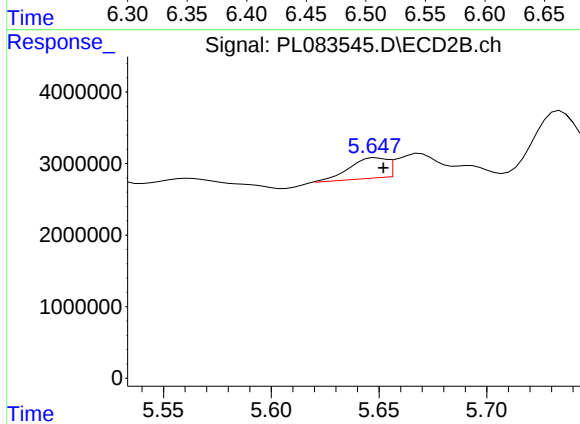
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 41280185
Conc: 14.72 ng/ml



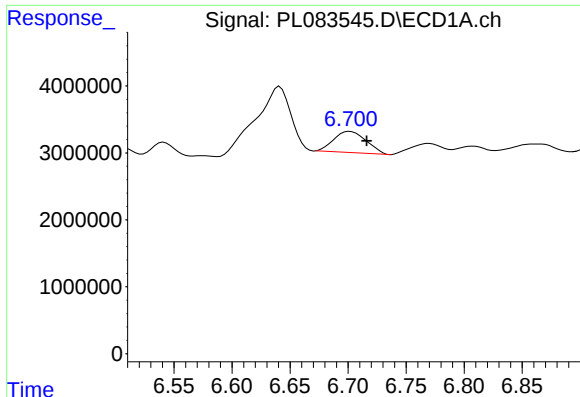
#14 Endrin

R.T.: 6.506 min
Delta R.T.: 0.010 min
Response: 261739
Conc: 0.15 ng/ml



#14 Endrin

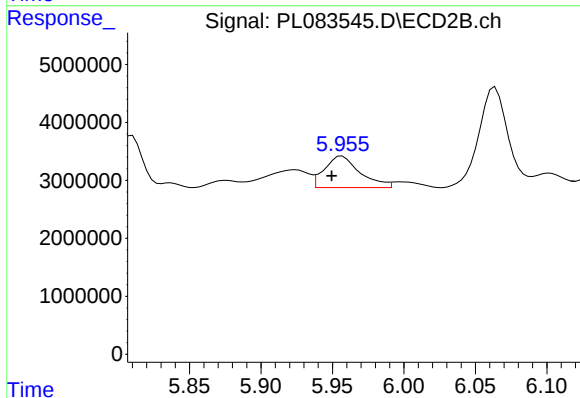
R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 3440653
Conc: 1.49 ng/ml



#15 Endosulfan II

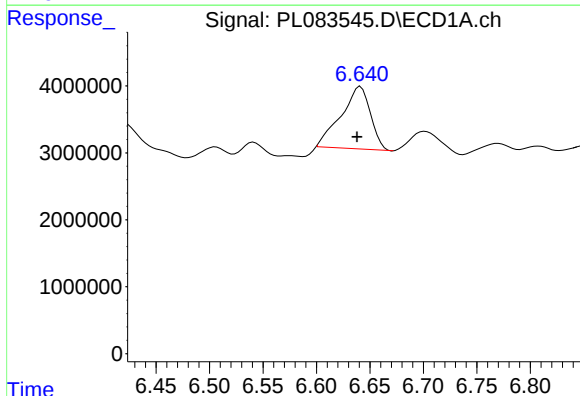
R.T.: 6.701 min
Delta R.T.: -0.015 min
Response: 6165715
Conc: 3.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



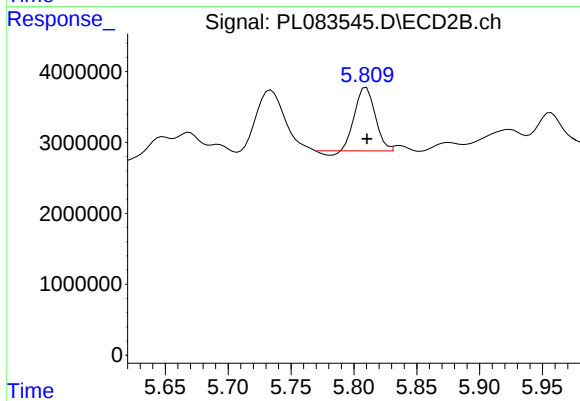
#15 Endosulfan II

R.T.: 5.957 min
Delta R.T.: 0.007 min
Response: 9415733
Conc: 3.97 ng/ml



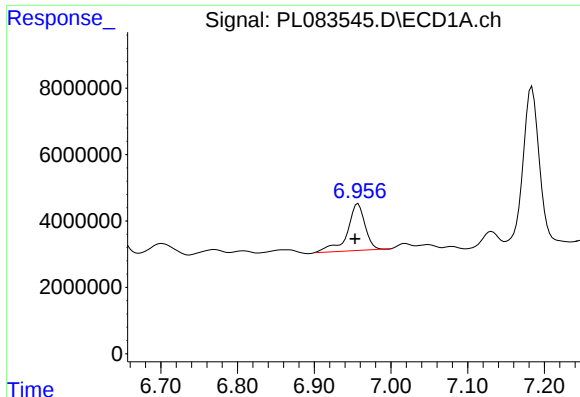
#16 4,4'-DDD

R.T.: 6.641 min
Delta R.T.: 0.003 min
Response: 17794393
Conc: 10.42 ng/ml



#16 4,4'-DDD

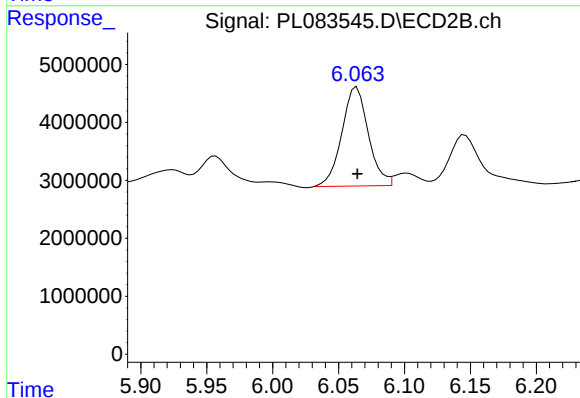
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 9805677
Conc: 4.45 ng/ml



#17 4,4'-DDT

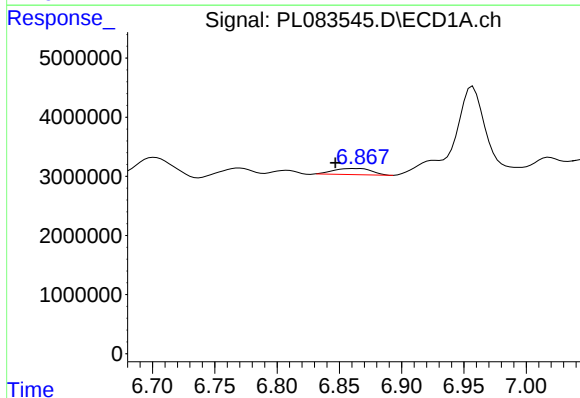
R.T.: 6.957 min
Delta R.T.: 0.004 min
Response: 22877863
Conc: 13.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



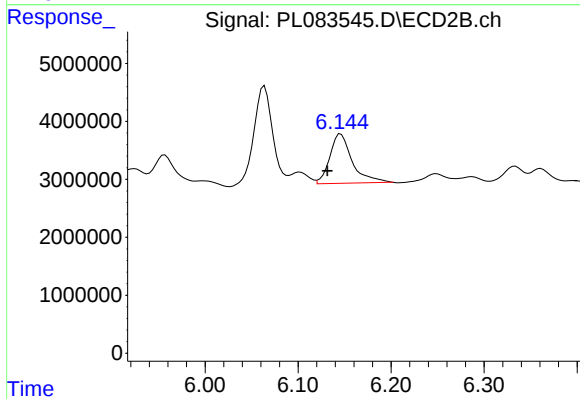
#17 4,4'-DDT

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 23873833
Conc: 11.43 ng/ml



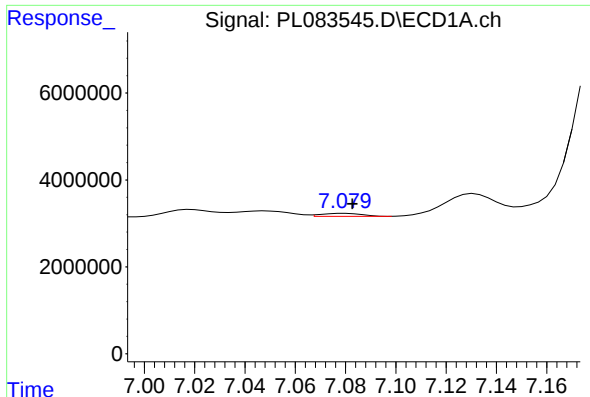
#18 Endrin aldehyde

R.T.: 6.867 min
Delta R.T.: 0.020 min
Response: 2194853
Conc: 1.48 ng/ml



#18 Endrin aldehyde

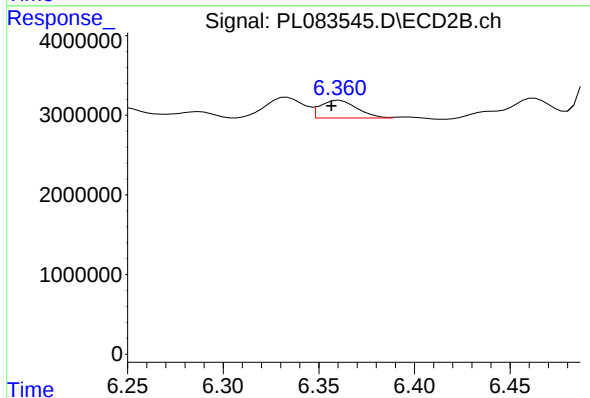
R.T.: 6.146 min
Delta R.T.: 0.014 min
Response: 14283152
Conc: 7.56 ng/ml



#19 Endosulfan Sulfate

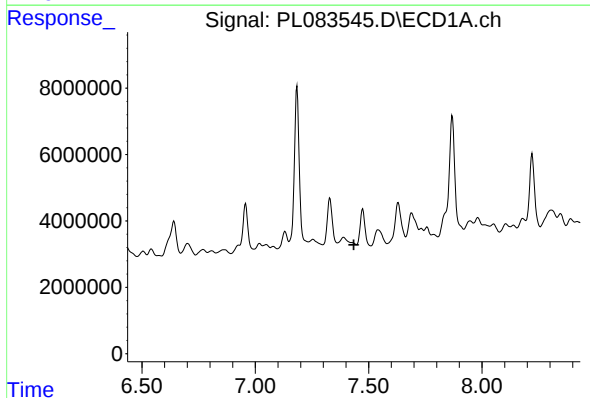
R.T.: 7.080 min
Delta R.T.: -0.003 min
Response: 755833
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



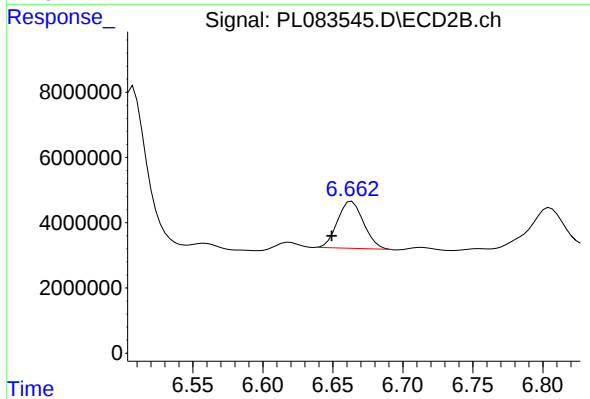
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.004 min
Response: 2976339
Conc: 1.23 ng/ml



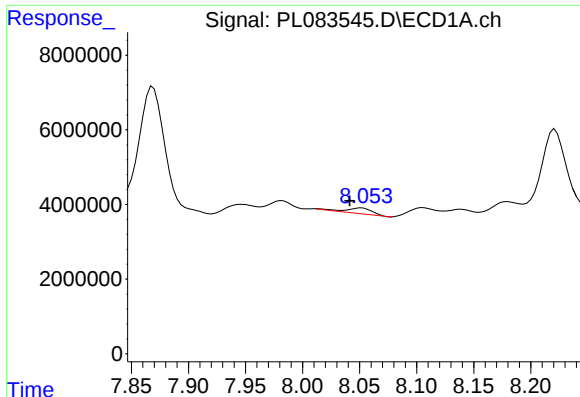
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.435 min
Response: 0
Conc: N.D.



#20 Methoxychlor

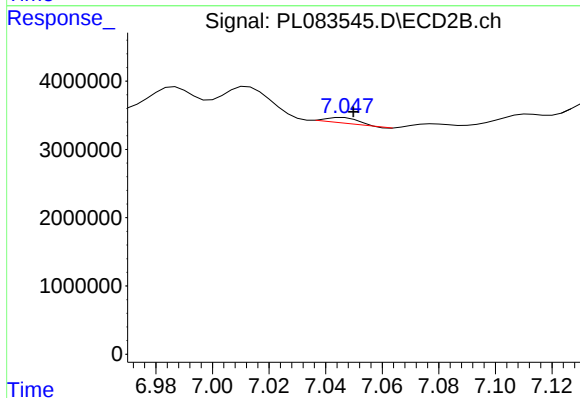
R.T.: 6.664 min
Delta R.T.: 0.014 min
Response: 18568593
Conc: 15.41 ng/ml



#22 Mirex

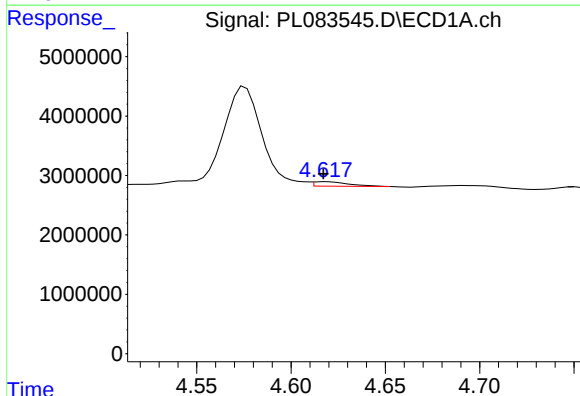
R.T.: 8.052 min
Delta R.T.: 0.010 min
Response: 2483443
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



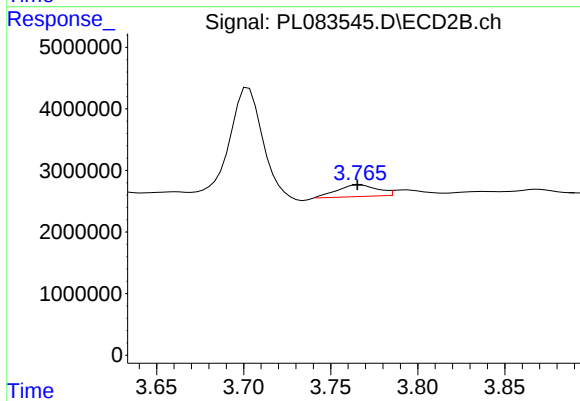
#22 Mirex

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 641442
Conc: 0.27 ng/ml



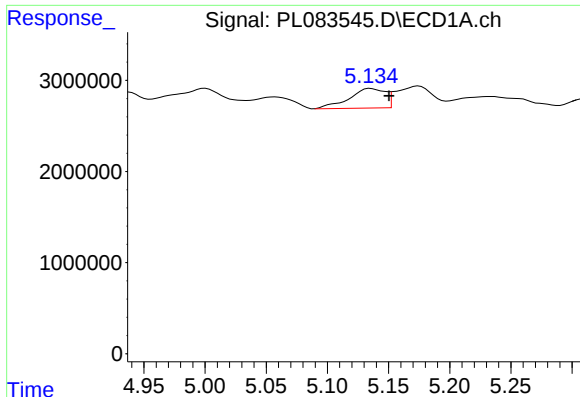
#23 Chlordane-1

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 932806
Conc: 9.70 ng/ml



#23 Chlordane-1

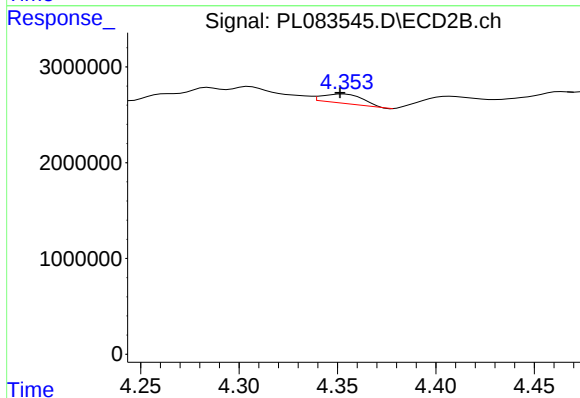
R.T.: 3.767 min
Delta R.T.: 0.001 min
Response: 3045522
Conc: 31.07 ng/ml



#24 Chlordane-2

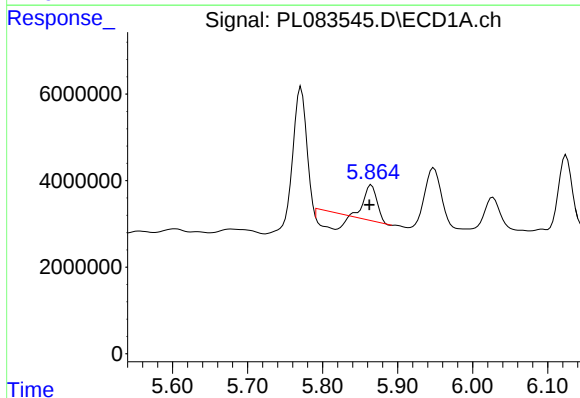
R.T.: 5.135 min
Delta R.T.: -0.015 min
Response: 4420168
Conc: 40.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



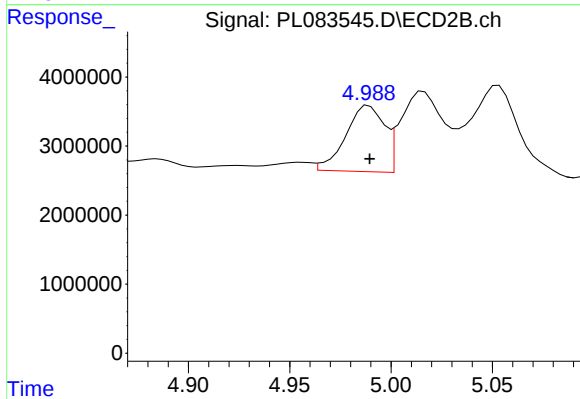
#24 Chlordane-2

R.T.: 4.353 min
Delta R.T.: 0.002 min
Response: 1382324
Conc: 11.50 ng/ml



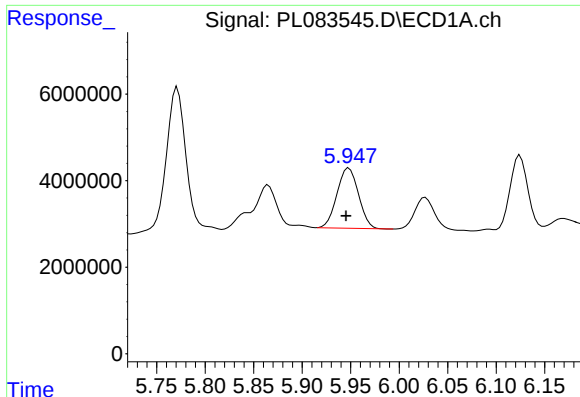
#25 Chlordane-3

R.T.: 5.865 min
Delta R.T.: 0.002 min
Response: 4806246
Conc: 12.58 ng/ml



#25 Chlordane-3

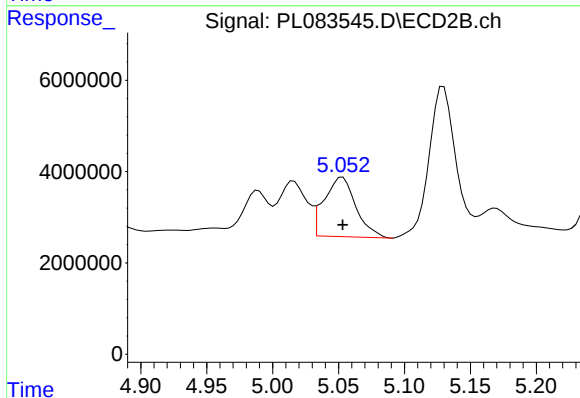
R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 12708719
Conc: 38.79 ng/ml



#26 Chlordane-4

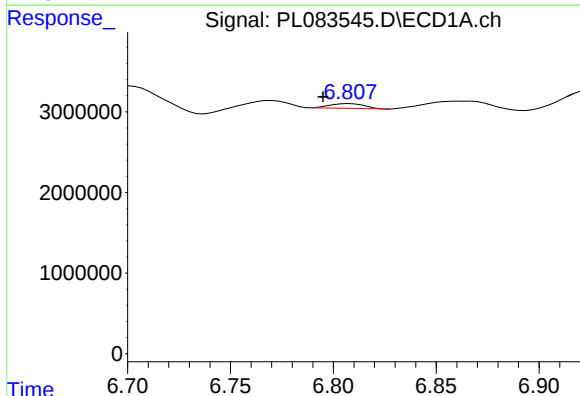
R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 21467438
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



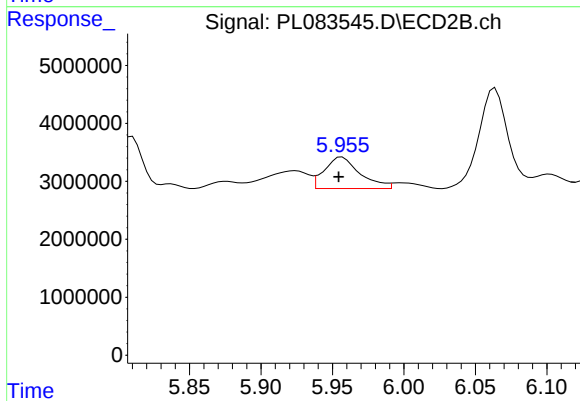
#26 Chlordane-4

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 21762084
Conc: 64.56 ng/ml



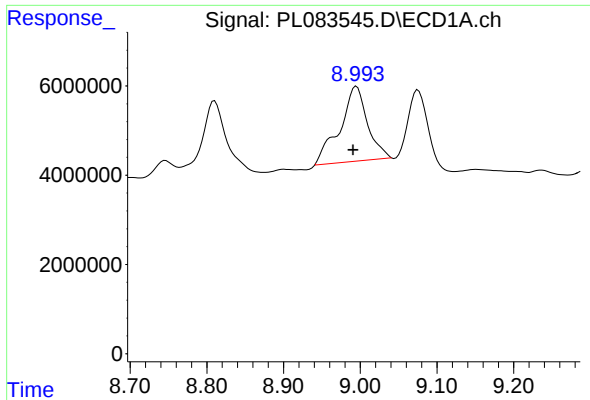
#27 Chlordane-5

R.T.: 6.808 min
Delta R.T.: 0.013 min
Response: 684486
Conc: 8.62 ng/ml



#27 Chlordane-5

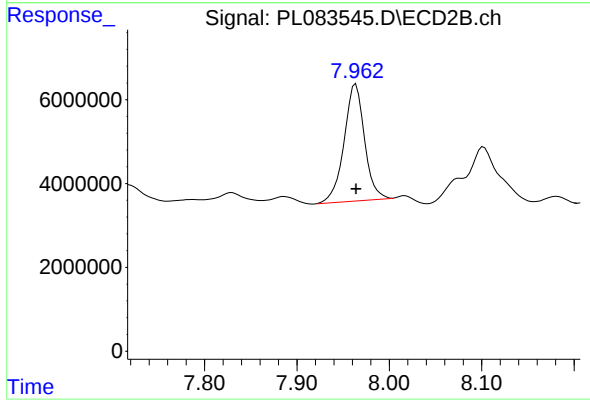
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 9415733
Conc: 84.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.004 min
Response: 42219183
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1



#28 Decachlorobiphenyl

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 42861309
Conc: 17.45 ng/ml