

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 07:20
 Operator : AR\AJ
 Sample : M2940-01
 Misc : CHLOR LOD 25 PPB
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:48:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.012	16520710	125.4E6	16.072	15.838
2)	SA Decachlor...	8.240	9.082	21853690	80730410	19.288	17.059
Target Compounds							
4)	MA Heptachlor	4.516	5.198	1339465	15332984	1.028	1.529 #
5)	MB Aldrin	0.000	5.478f	0	7803517	N.D.	0.864 #
7)	B delta-BHC	0.000	5.095	0	3950405	N.D.	0.407 #
8)	B Heptachlo...	0.000	5.879	0	5879466	N.D.	0.788 #
10)	B gamma-Chl...	5.432	6.126	2730164	21035822	2.415	2.751
11)	B alpha-Chl...	5.490	6.198	2239076	30041166	2.000	4.035 #
14)	MA Endrin	6.053	0.000	1095759	0	1.044	N.D. #
15)	B Endosulfa...	6.327	0.000	1065288	0	1.065	N.D. #
23)	Chlordane-1	4.366	5.009	919656	10128305	24.283	32.701 #
24)	Chlordane-2	4.866	5.478	1073691	7803517	24.601	24.945
25)	Chlordane-3	5.432	6.126	2730164	21035822	24.736	20.347
26)	Chlordane-4	5.490	6.198	2239076	30041166	24.390	24.986
27)	Chlordane-5	6.327	7.009	1065288	4571752	23.679	19.281

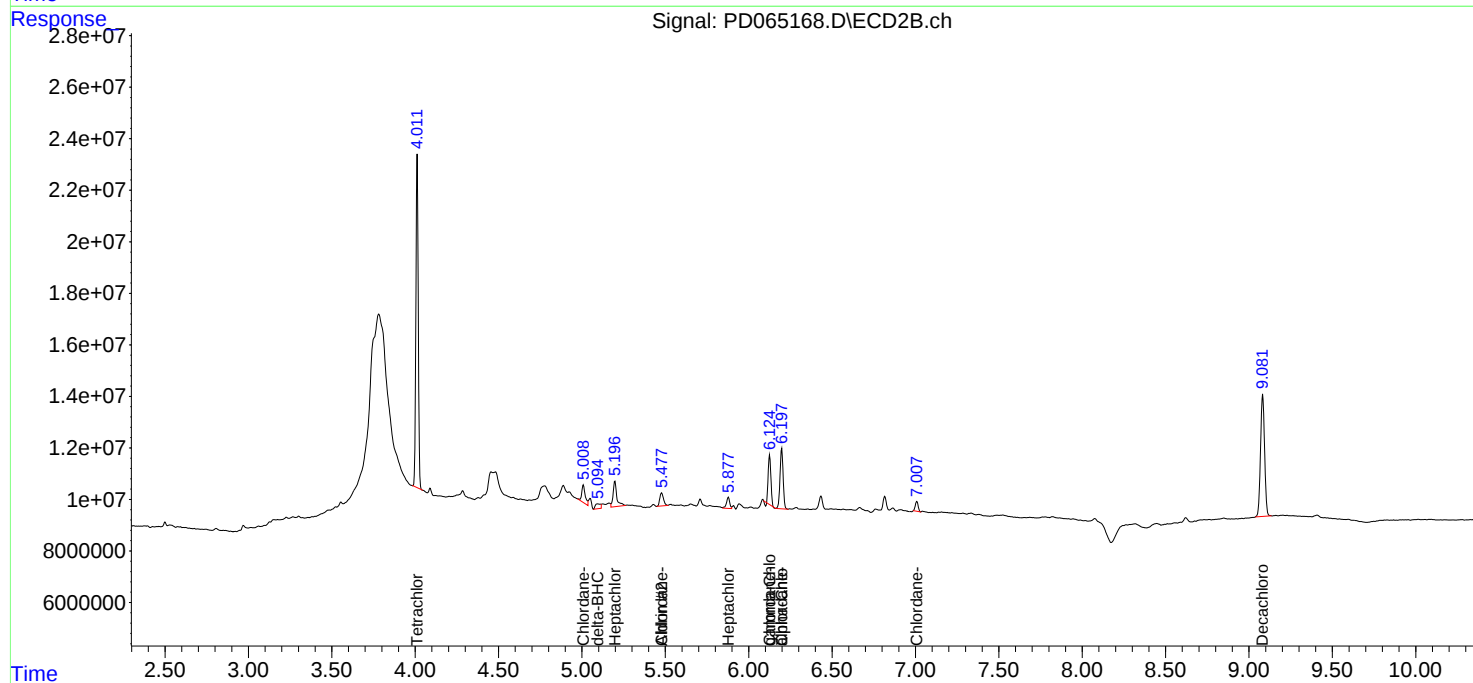
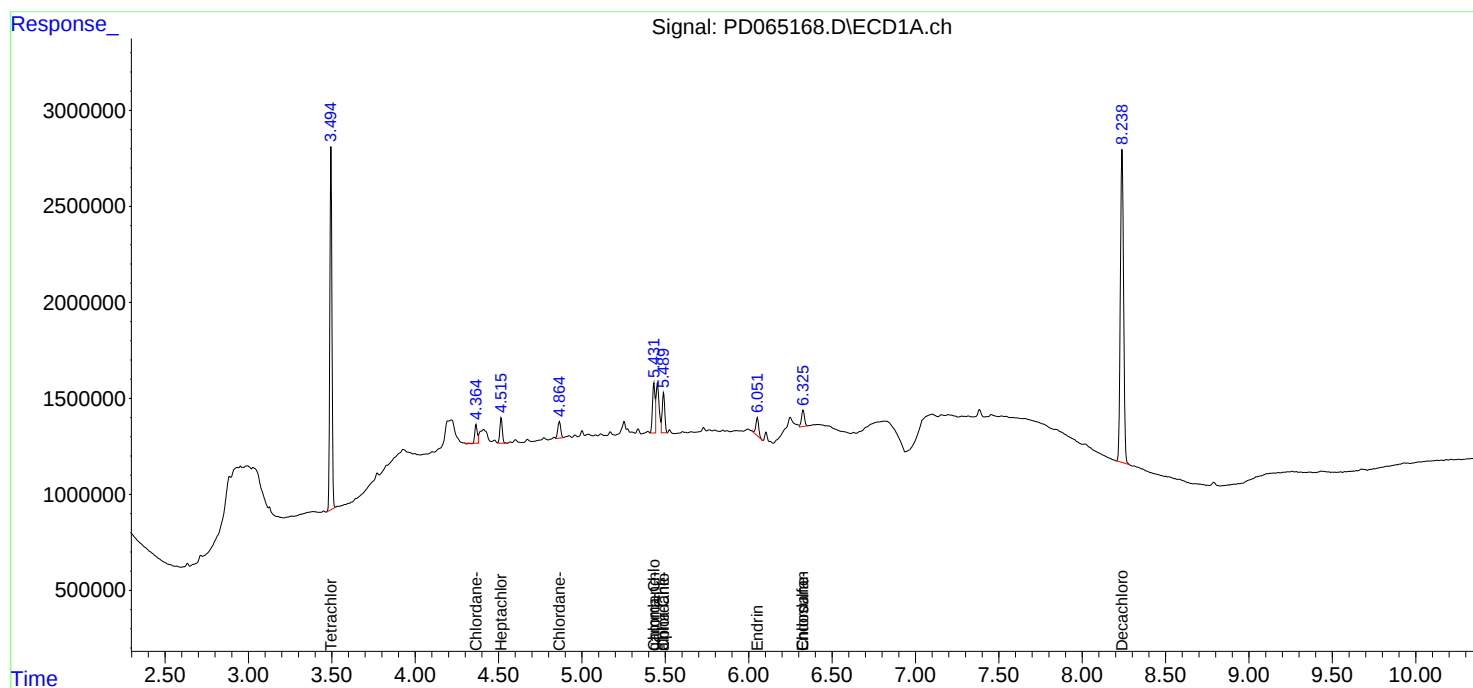
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

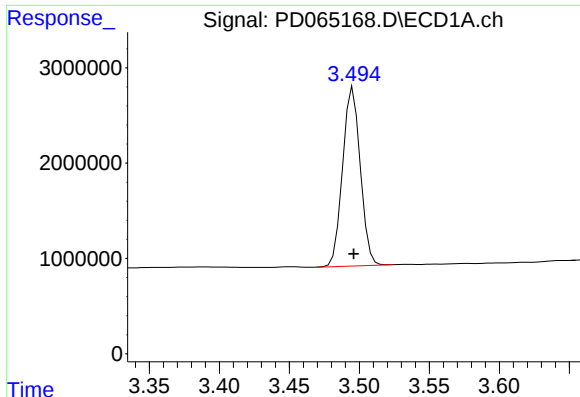
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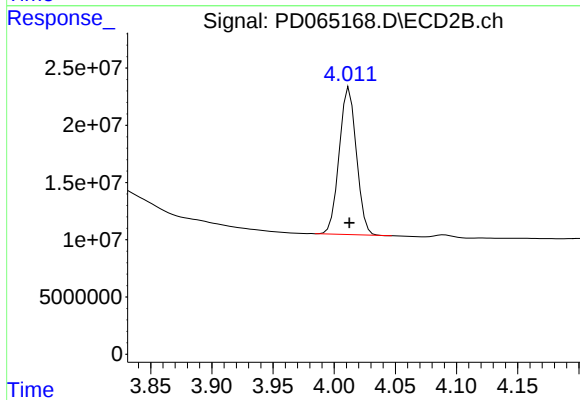




#1 Tetrachloro-m-xylene

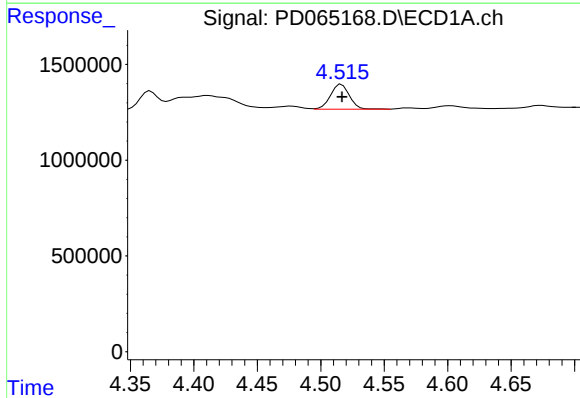
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 16520710
Conc: 16.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



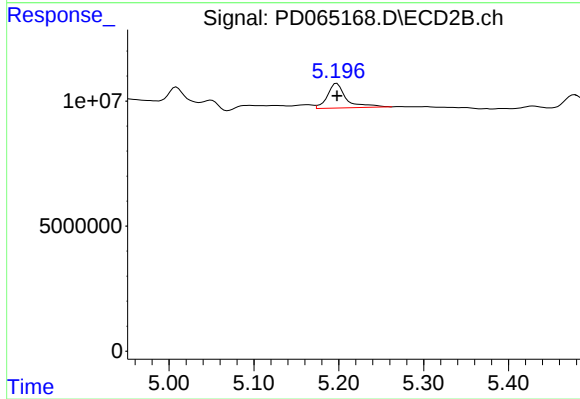
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 125449780
Conc: 15.84 ng/ml



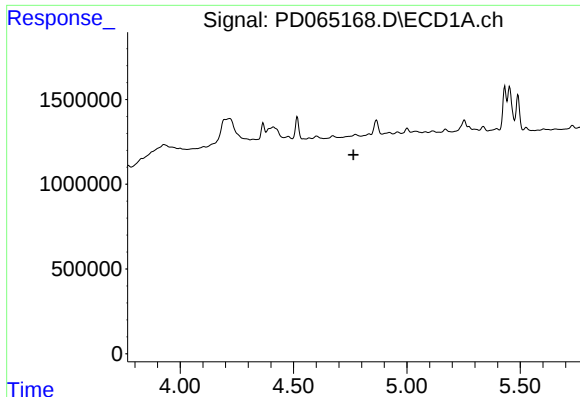
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1339465
Conc: 1.03 ng/ml



#4 Heptachlor

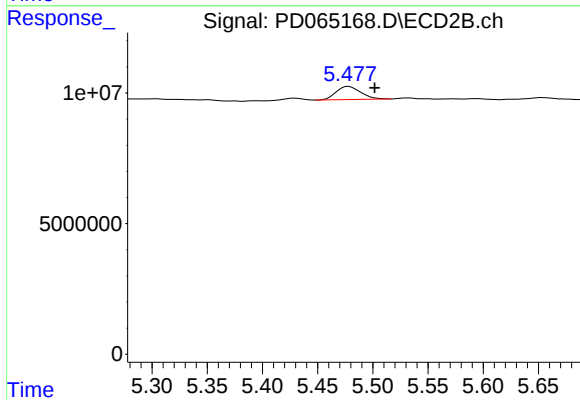
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 15332984
Conc: 1.53 ng/ml



#5 Aldrin

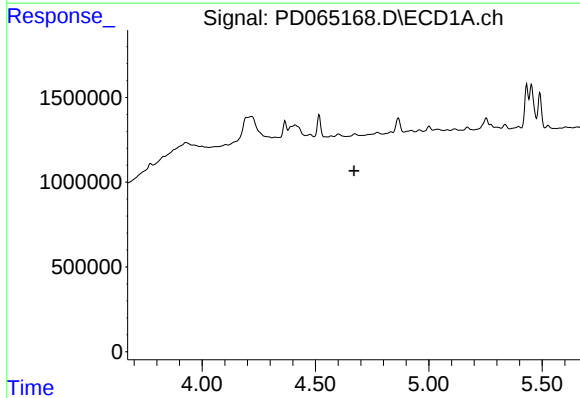
R.T.: 0.000 min
Exp R.T.: 4.765 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



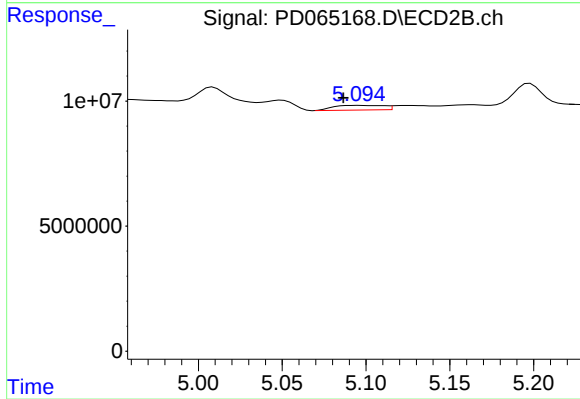
#5 Aldrin

R.T.: 5.478 min
Delta R.T.: -0.024 min
Response: 7803517
Conc: 0.86 ng/ml



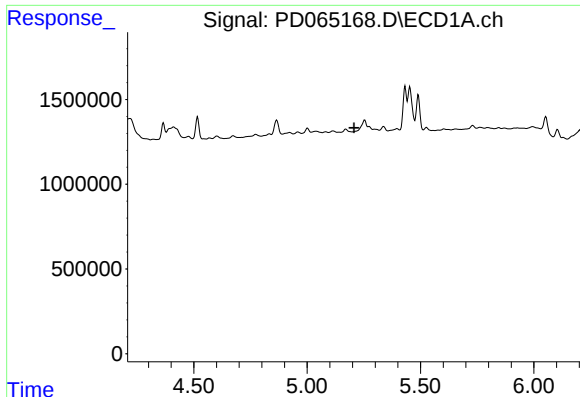
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.670 min
Response: 0
Conc: N.D.



#7 delta-BHC

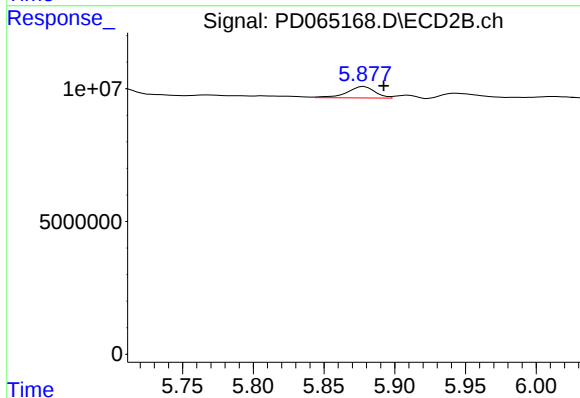
R.T.: 5.095 min
Delta R.T.: 0.009 min
Response: 3950405
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

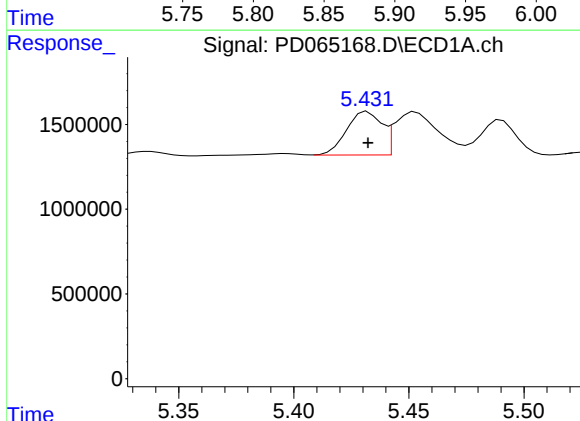
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



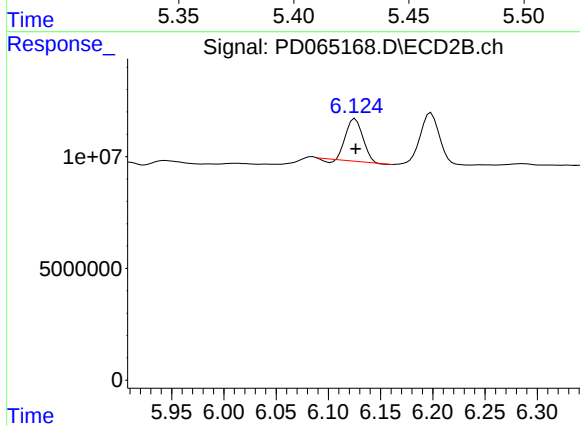
#8 Heptachlor epoxide

R.T.: 5.879 min
Delta R.T.: -0.014 min
Response: 5879466
Conc: 0.79 ng/ml



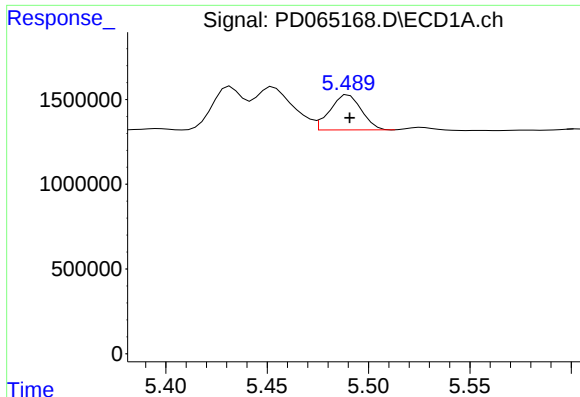
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 2730164
Conc: 2.41 ng/ml



#10 gamma-Chlordane

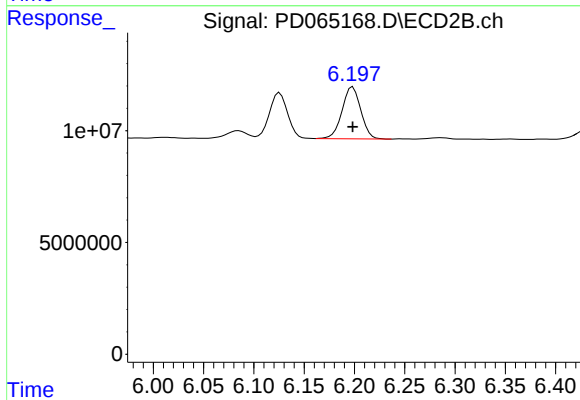
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 21035822
Conc: 2.75 ng/ml



#11 alpha-Chlordane

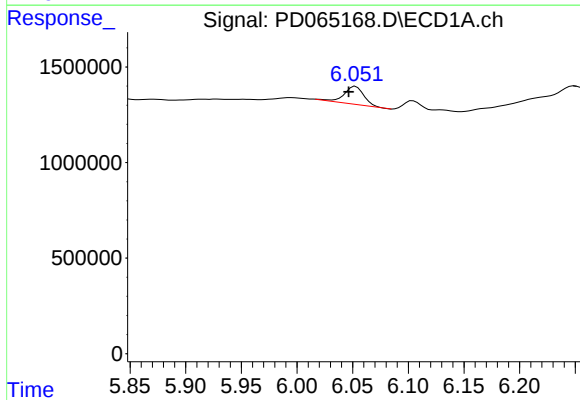
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2239076
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



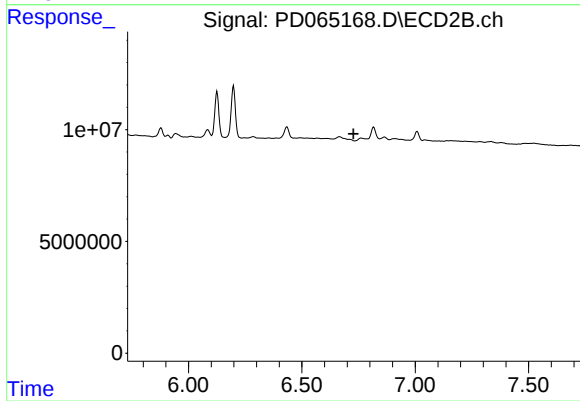
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 30041166
Conc: 4.04 ng/ml



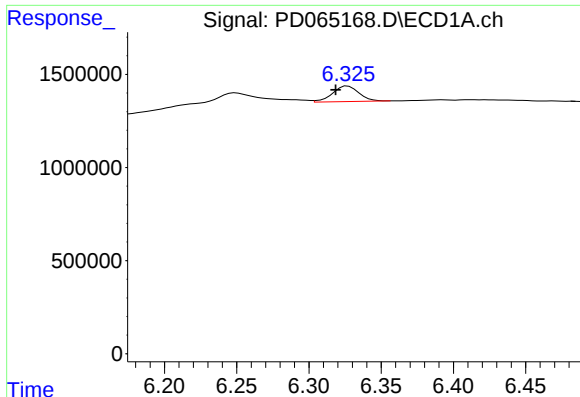
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.006 min
Response: 1095759
Conc: 1.04 ng/ml



#14 Endrin

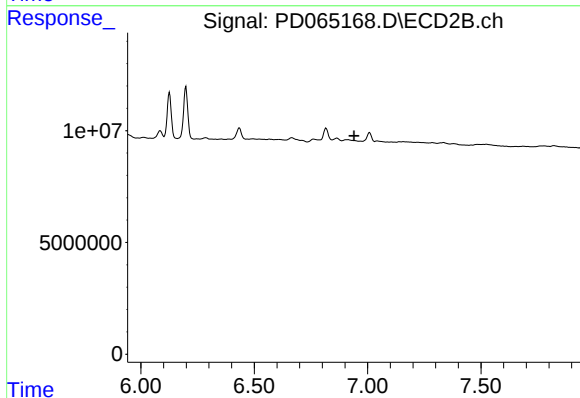
R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#15 Endosulfan II

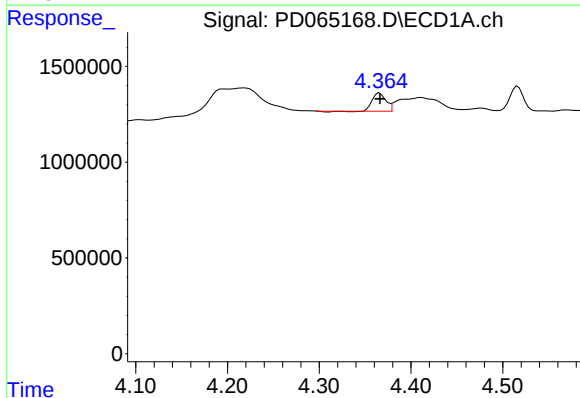
R.T.: 6.327 min
Delta R.T.: 0.008 min
Response: 1065288
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



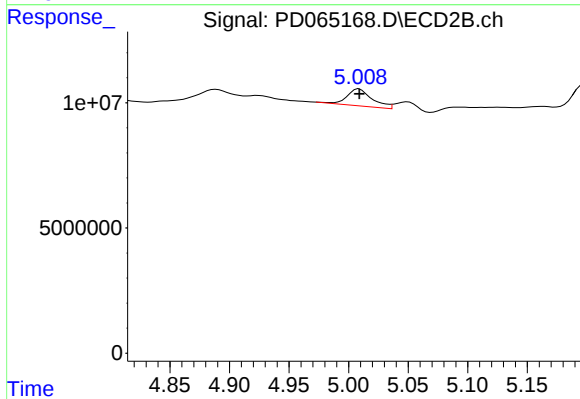
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.941 min
Response: 0
Conc: N.D.



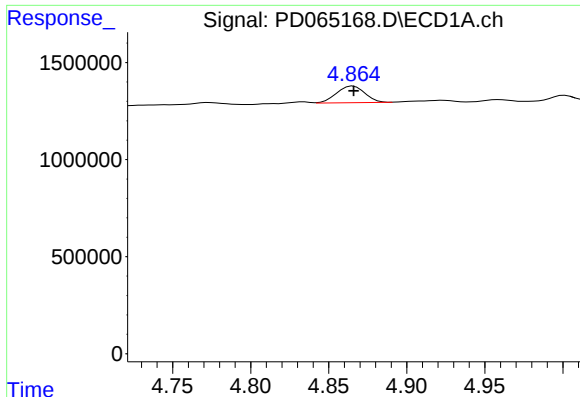
#23 Chlordane-1

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 919656
Conc: 24.28 ng/ml



#23 Chlordane-1

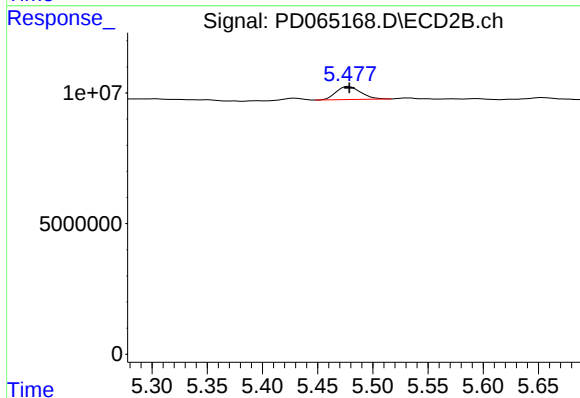
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 10128305
Conc: 32.70 ng/ml



#24 Chlordane-2

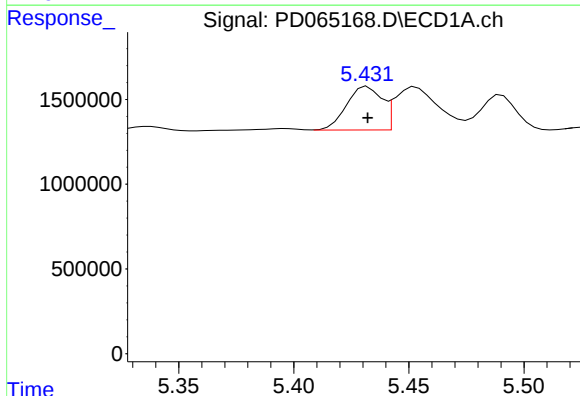
R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1073691
Conc: 24.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



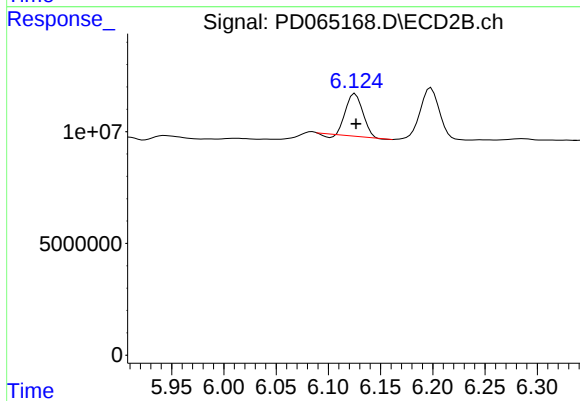
#24 Chlordane-2

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 7803517
Conc: 24.95 ng/ml



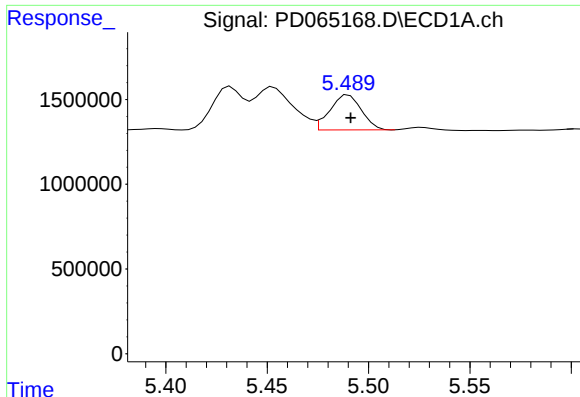
#25 Chlordane-3

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 2730164
Conc: 24.74 ng/ml



#25 Chlordane-3

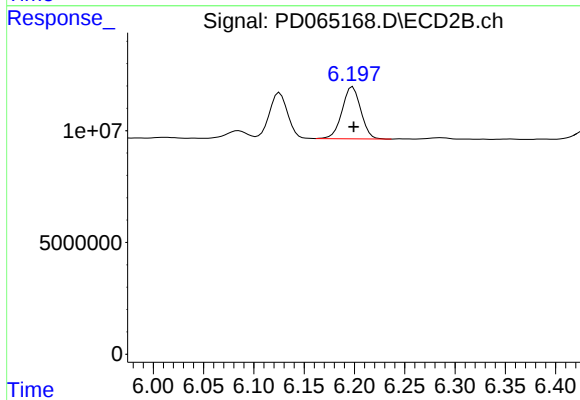
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 21035822
Conc: 20.35 ng/ml



#26 Chlordane-4

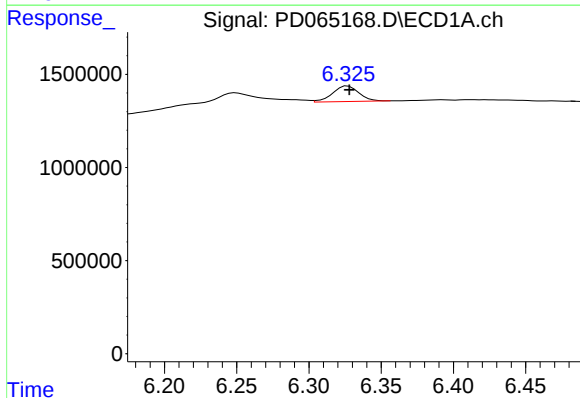
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2239076
Conc: 24.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



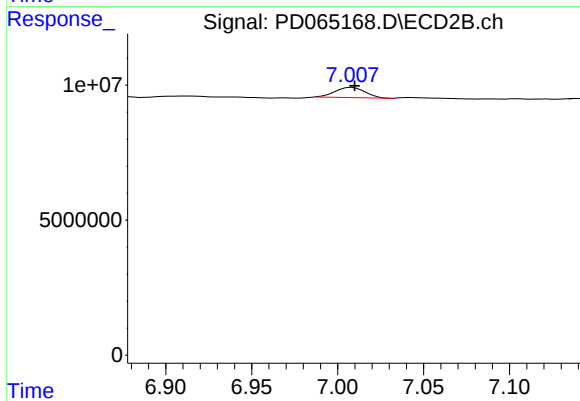
#26 Chlordane-4

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 30041166
Conc: 24.99 ng/ml



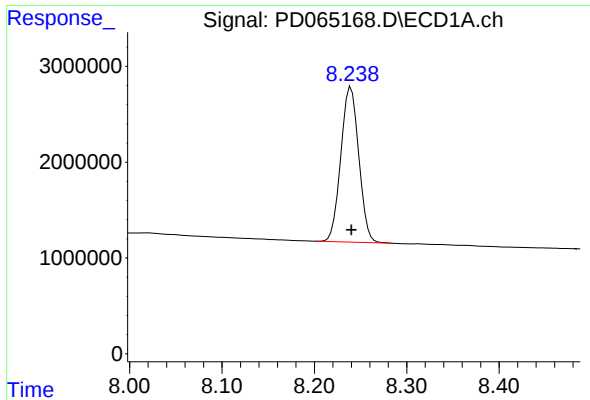
#27 Chlordane-5

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 1065288
Conc: 23.68 ng/ml



#27 Chlordane-5

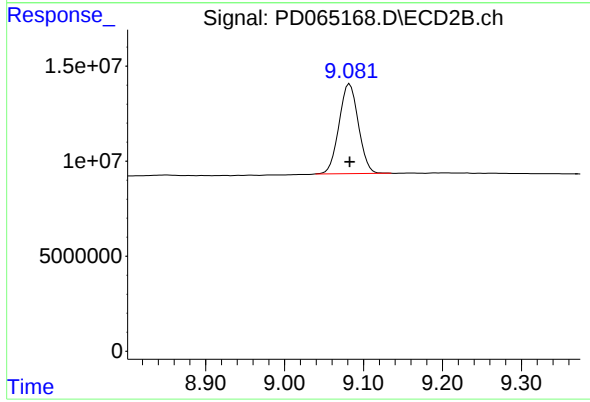
R.T.: 7.009 min
Delta R.T.: -0.001 min
Response: 4571752
Conc: 19.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 21853690
Conc: 19.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 80730410
Conc: 17.06 ng/ml