

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
 Data File : PD052970.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Apr 2019 10:20
 Operator : AJ\SJ
 Sample : K2241-03
 Misc : CHLOR MDL 25 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 02:05:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.219	4.041	26838555	542.8E6	19.233	18.726
2)	SA Decachlor...	7.813	9.158	29012435	369.8E6	21.769	23.781
Target Compounds							
2)	A alpha-BHC	0.000	4.442	0	5265367	N.D.	0.117 #
3)	MA gamma-BHC...	3.917	0.000	4031171	0	1.844	N.D. #
4)	MA Heptachlor	4.182	5.233	2356762	55900985	1.110	1.409 #
5)	MB Aldrin	0.000	5.513f	0	38811470	N.D.	1.048 #
6)	B beta-BHC	4.182f	0.000	2356762	0	2.670	N.D. #
8)	B Heptachlo...	0.000	5.914f	0	23631442	N.D.	0.732 #
10)	B gamma-Chl...	5.058	6.163	5177663	125.3E6	2.655	3.916 #
11)	B alpha-Chl...	5.113	6.238	5111282	145.4E6	2.648	4.633 #
15)	B Endosulfa...	5.918	0.000	923053	0	0.538	N.D. #
16)	A 4,4'-DDD	0.000	6.905f	0	5073026	N.D.	0.212 #
23)	Chlordane-1	4.039	5.043	1435437	40713253	22.859	26.539
24)	Chlordane-2	4.518	5.513	2039148	38811470	27.402	27.713
25)	Chlordane-3	5.058	6.163	5177663	125.3E6	23.414	28.391
26)	Chlordane-4	5.113	6.238	5111282	145.4E6	24.099	28.600
27)	Chlordane-5	5.918	7.048	923053	28058382	14.194	30.412 #

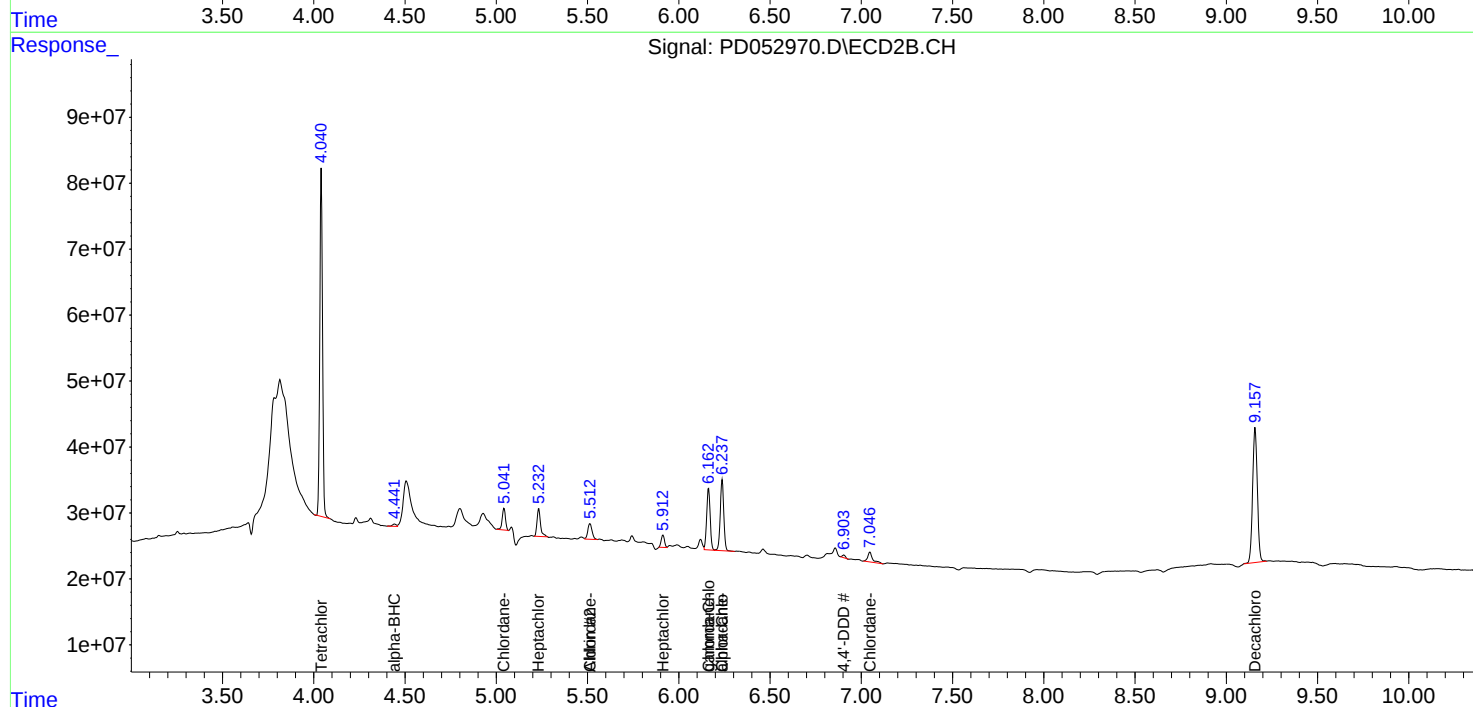
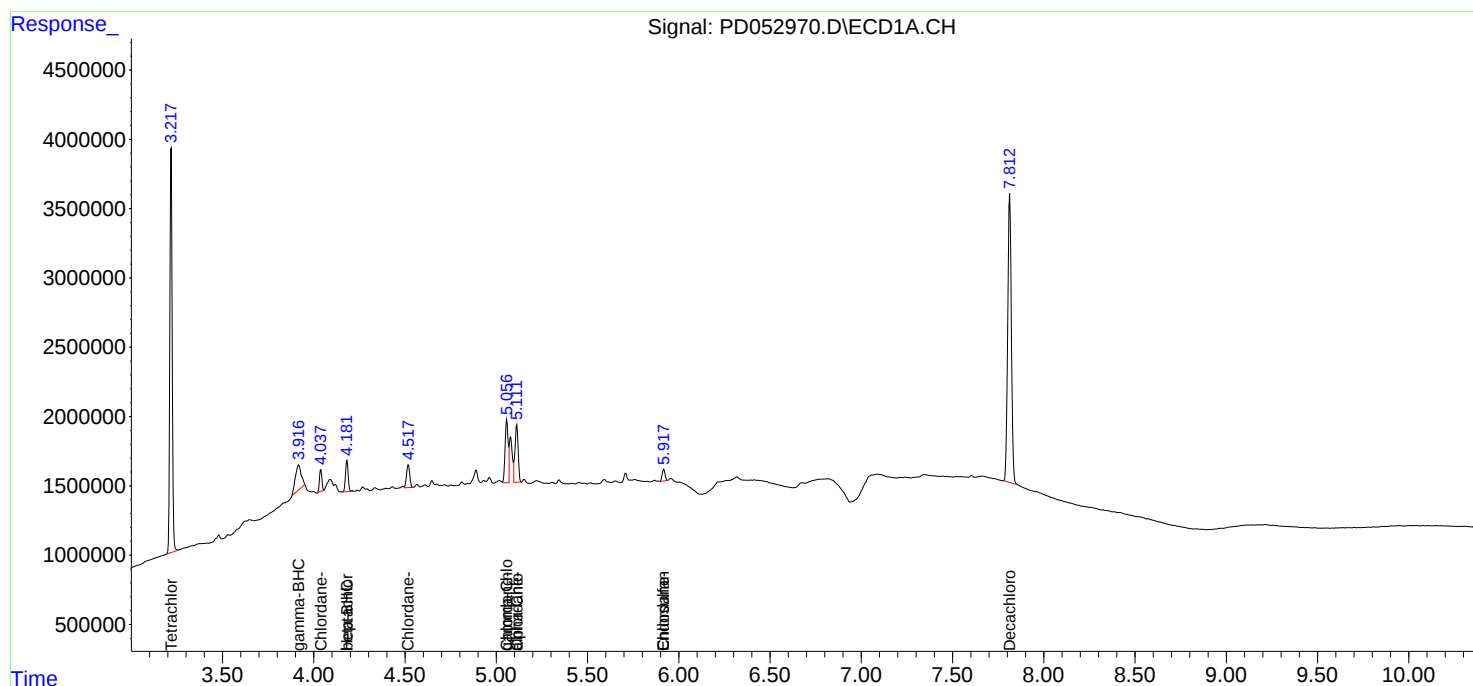
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

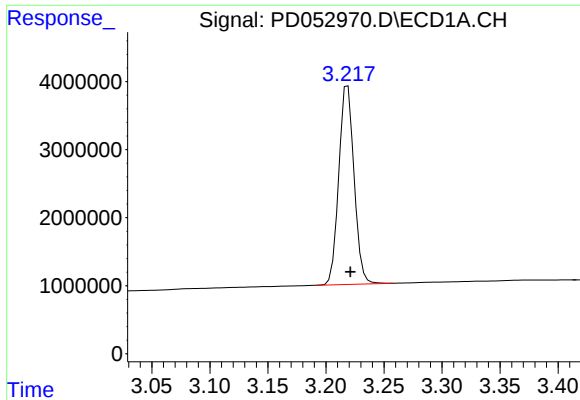
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
Data File : PD052970.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 02:05:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
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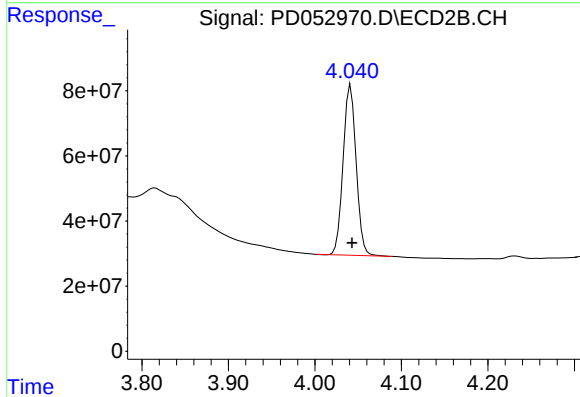




#1 Tetrachloro-m-xylene

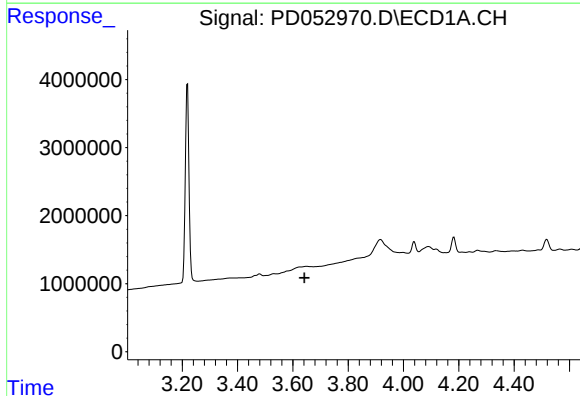
R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 26838555
Conc: 19.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



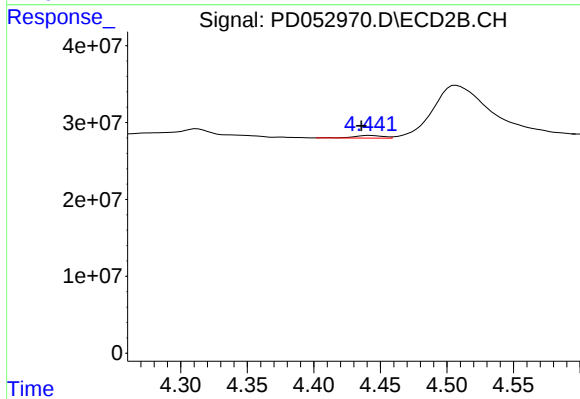
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 542766657
Conc: 18.73 ng/ml



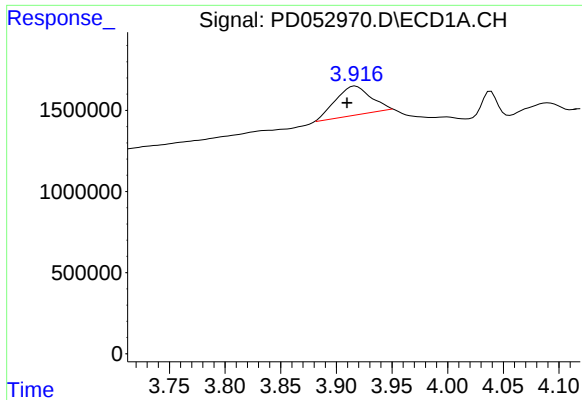
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.642 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 4.442 min
Delta R.T.: 0.007 min
Response: 5265367
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

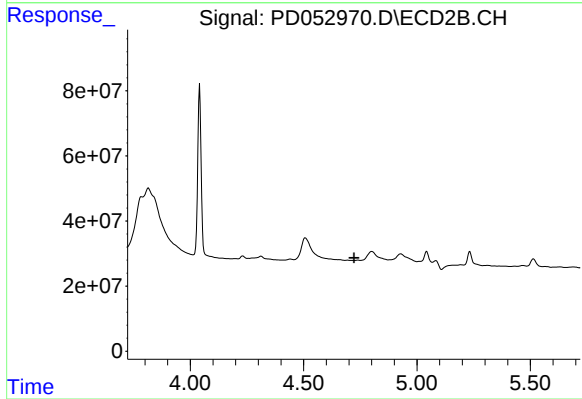
R.T.: 3.917 min

Delta R.T.: 0.008 min

Response: 4031171

Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



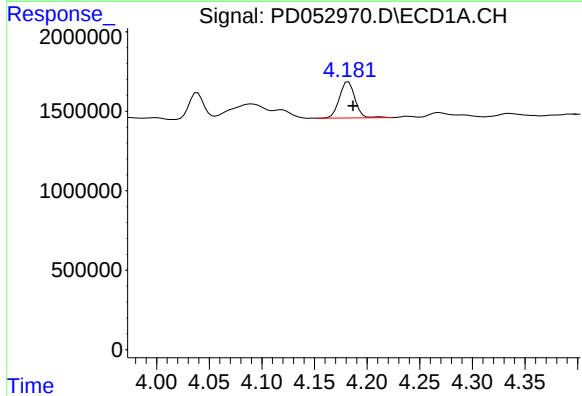
#3 gamma-BHC (Lindane)

R.T.: 0.000 min

Exp R.T. : 4.723 min

Response: 0

Conc: N.D.



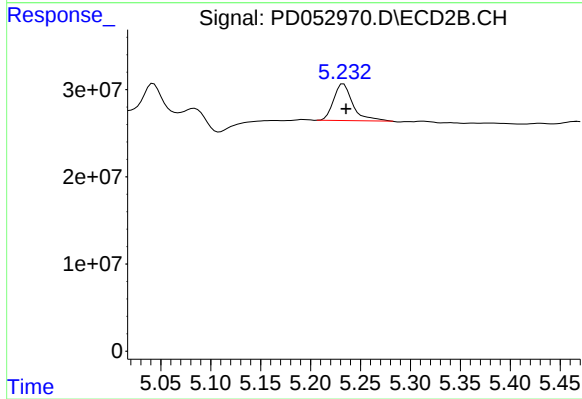
#4 Heptachlor

R.T.: 4.182 min

Delta R.T.: -0.004 min

Response: 2356762

Conc: 1.11 ng/ml



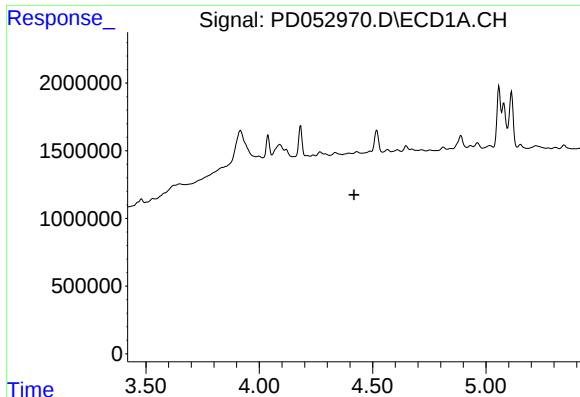
#4 Heptachlor

R.T.: 5.233 min

Delta R.T.: -0.003 min

Response: 55900985

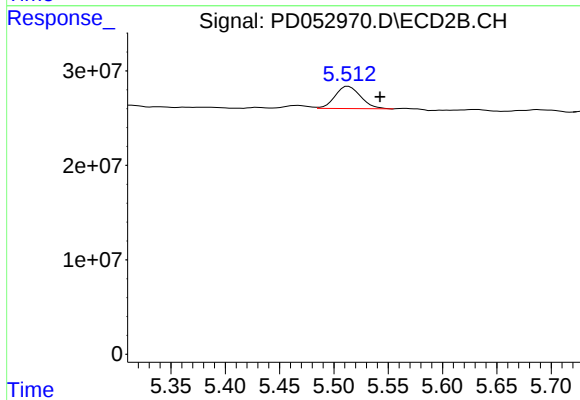
Conc: 1.41 ng/ml



#5 Aldrin

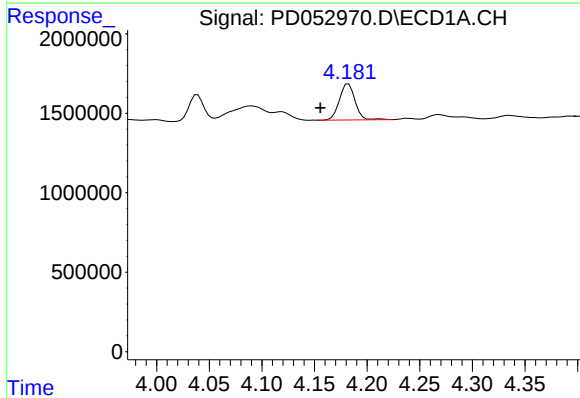
R.T.: 0.000 min
Exp R.T.: 4.418 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



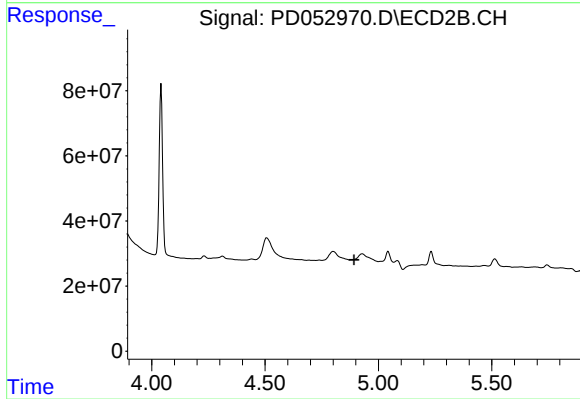
#5 Aldrin

R.T.: 5.513 min
Delta R.T.: -0.029 min
Response: 38811470
Conc: 1.05 ng/ml



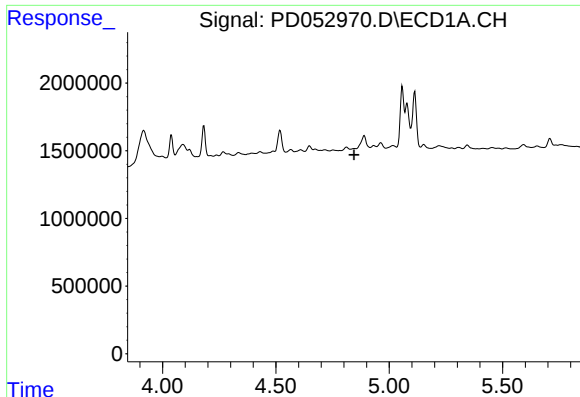
#6 beta-BHC

R.T.: 4.182 min
Delta R.T.: 0.027 min
Response: 2356762
Conc: 2.67 ng/ml



#6 beta-BHC

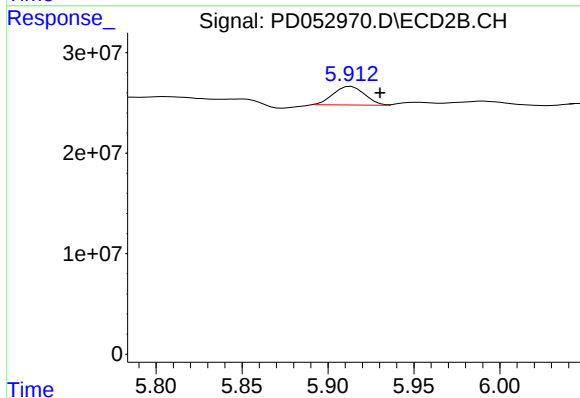
R.T.: 0.000 min
Exp R.T.: 4.893 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

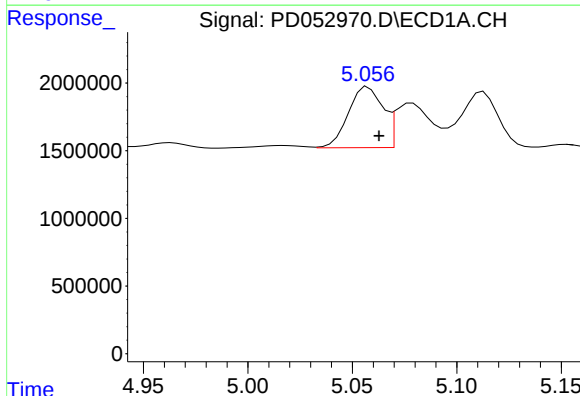
R.T.: 0.000 min
Exp R.T.: 4.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



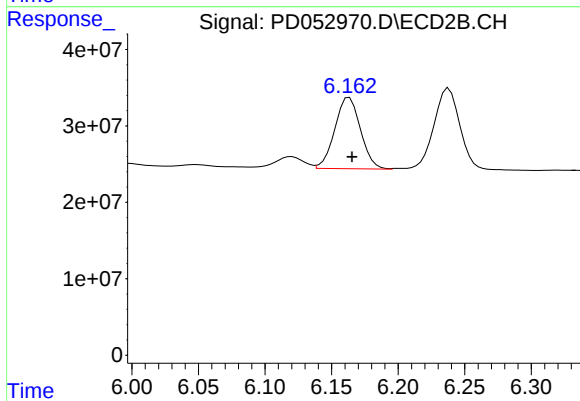
#8 Heptachlor epoxide

R.T.: 5.914 min
Delta R.T.: -0.017 min
Response: 23631442
Conc: 0.73 ng/ml



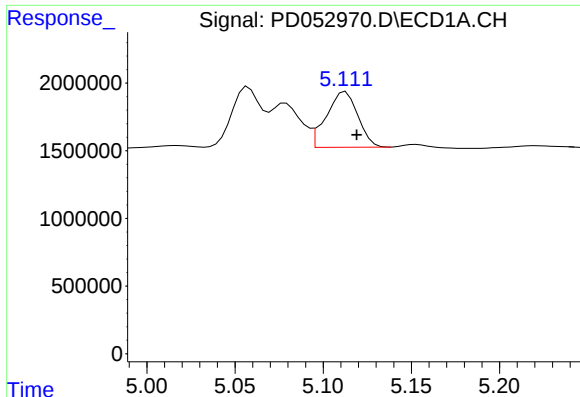
#10 gamma-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.005 min
Response: 5177663
Conc: 2.66 ng/ml



#10 gamma-Chlordane

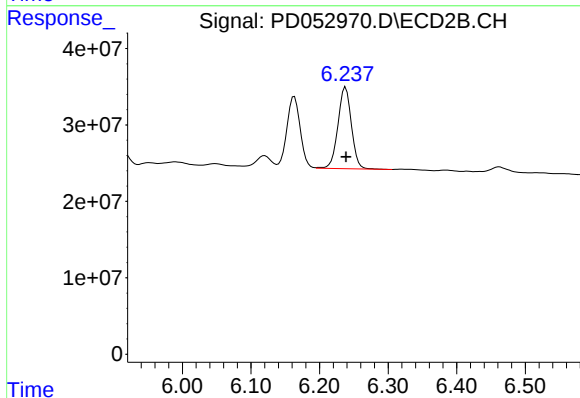
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 125282894
Conc: 3.92 ng/ml



#11 alpha-Chlordane

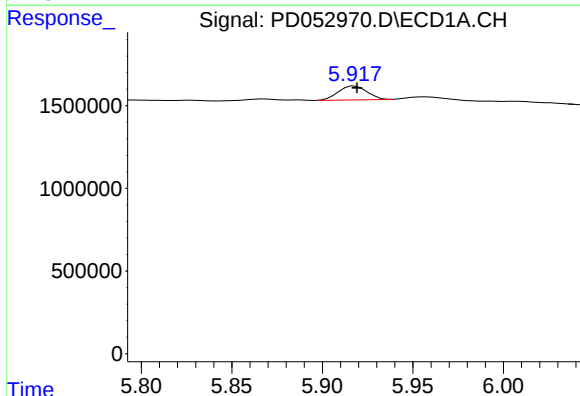
R.T.: 5.113 min
Delta R.T.: -0.006 min
Response: 5111282
Conc: 2.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



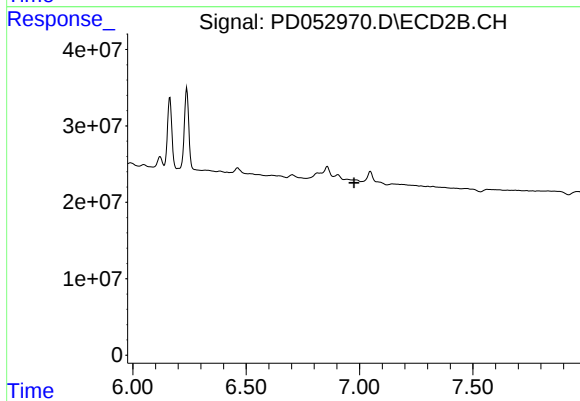
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 145432793
Conc: 4.63 ng/ml



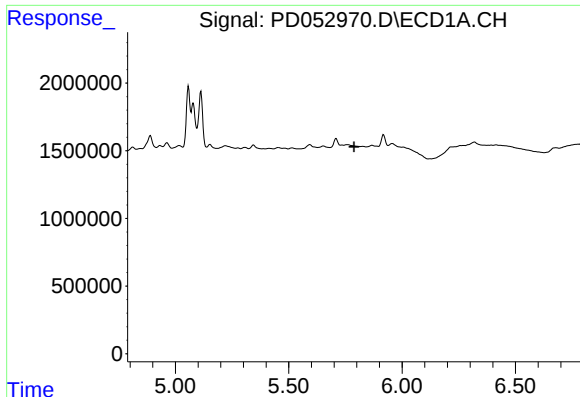
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 923053
Conc: 0.54 ng/ml



#15 Endosulfan II

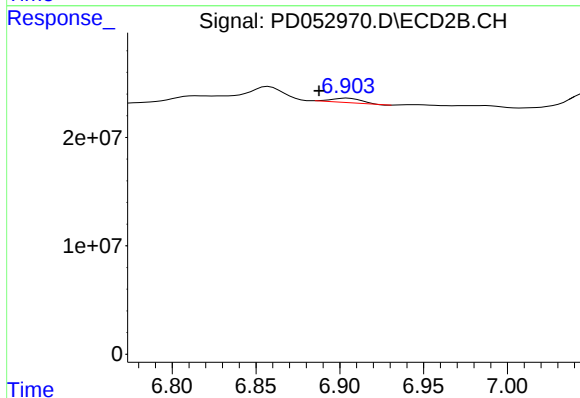
R.T.: 0.000 min
Exp R.T. : 6.977 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

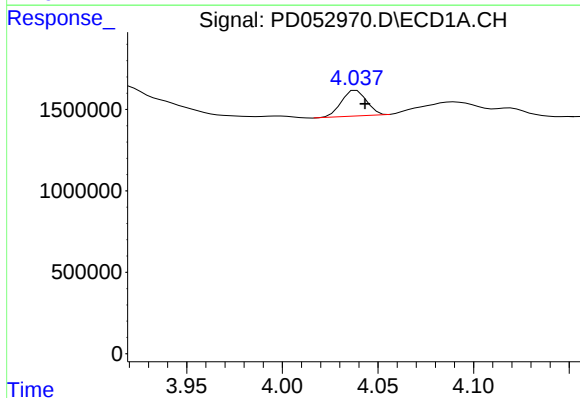
R.T.: 0.000 min
Exp R.T.: 5.789 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



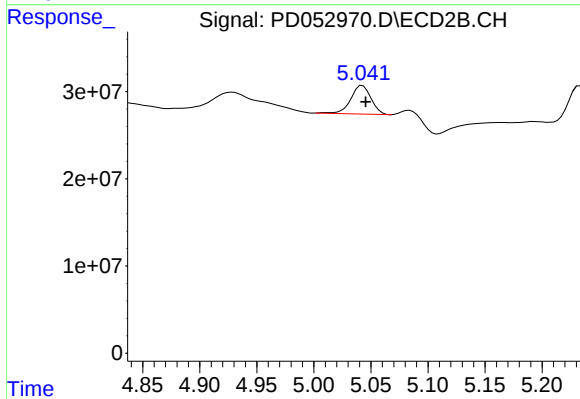
#16 4,4'-DDD

R.T.: 6.905 min
Delta R.T.: 0.017 min
Response: 5073026
Conc: 0.21 ng/ml



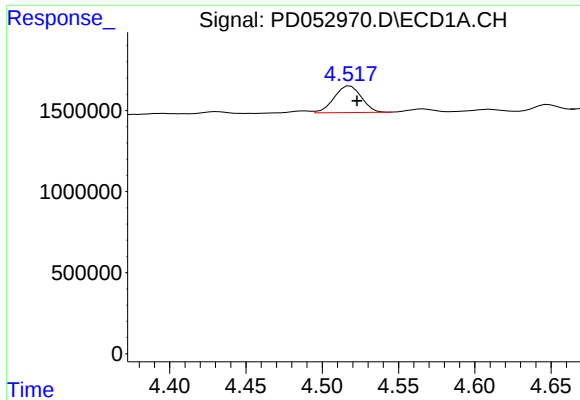
#23 Chlordane-1

R.T.: 4.039 min
Delta R.T.: -0.004 min
Response: 1435437
Conc: 22.86 ng/ml



#23 Chlordane-1

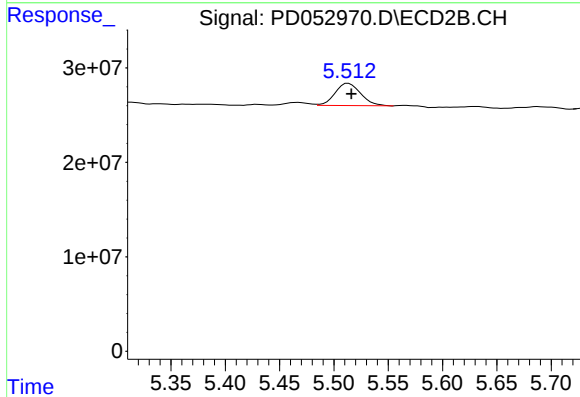
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 40713253
Conc: 26.54 ng/ml



#24 Chlordane-2

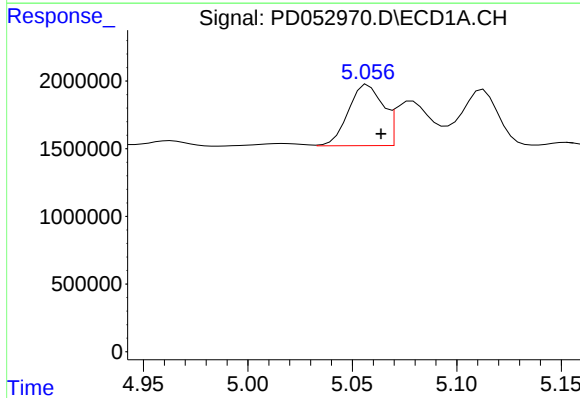
R.T.: 4.518 min
Delta R.T.: -0.005 min
Response: 2039148
Conc: 27.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



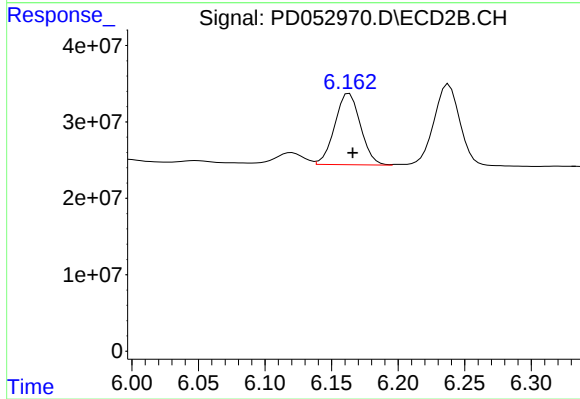
#24 Chlordane-2

R.T.: 5.513 min
Delta R.T.: -0.003 min
Response: 38811470
Conc: 27.71 ng/ml



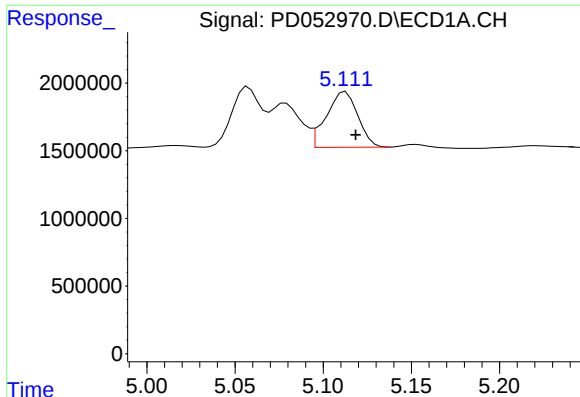
#25 Chlordane-3

R.T.: 5.058 min
Delta R.T.: -0.006 min
Response: 5177663
Conc: 23.41 ng/ml



#25 Chlordane-3

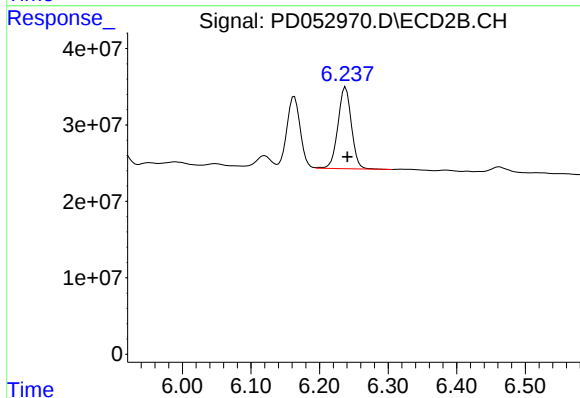
R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 125282894
Conc: 28.39 ng/ml



#26 Chlordane-4

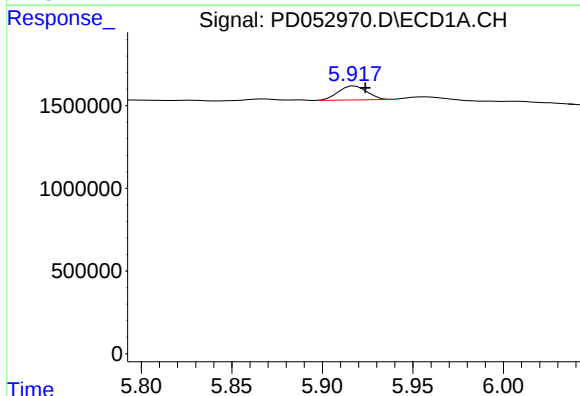
R.T.: 5.113 min
Delta R.T.: -0.006 min
Response: 5111282
Conc: 24.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



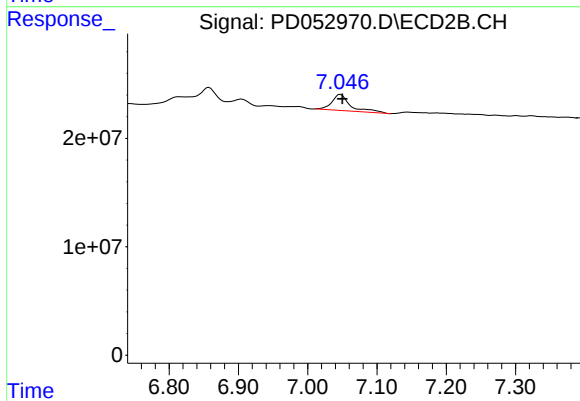
#26 Chlordane-4

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 145432793
Conc: 28.60 ng/ml



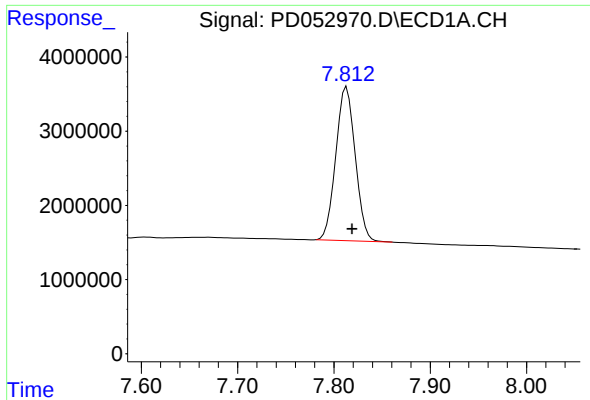
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 923053
Conc: 14.19 ng/ml



#27 Chlordane-5

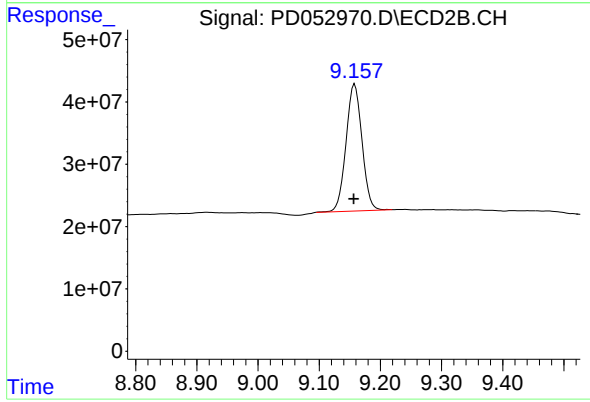
R.T.: 7.048 min
Delta R.T.: -0.003 min
Response: 28058382
Conc: 30.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.813 min
Delta R.T.: -0.005 min
Response: 29012435
Conc: 21.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.002 min
Response: 369829659
Conc: 23.78 ng/ml