

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 10:08
 Operator : AR\AJ
 Sample : M2940-01
 Misc : CHLOR LOD 25 PPB
 ALS Vial : 52 Sample Multiplier: 1

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

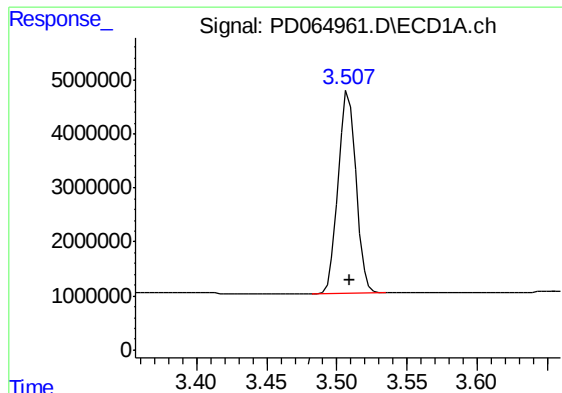
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:02:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 16 03:35:15 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 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...	3.508	4.020	33462611	366.4E6	17.122	18.045
28)	SA Decachlor...	8.280	9.105	36725522	220.1E6	14.944	19.801 #
Target Compounds							
4)	MA Heptachlor	4.537	5.207	2739205	39548494	0.934	1.332 #
5)	MB Aldrin	0.000	5.488f	0	28661492	N.D.	1.018 #
8)	B Heptachlo...	0.000	5.889	0	22068107	N.D.	0.863 #
10)	B gamma-Chl...	5.459	6.137	6029637	106.4E6	2.182	4.074 #
11)	B alpha-Chl...	5.517	6.210	5064800	127.2E6	1.851	5.017 #
13)	MA Dieldrin	0.000	6.512	0	1077356	N.D.	0.044 #
14)	MA Endrin	0.000	6.764f	0	1847805	N.D.	0.095 #
15)	B Endosulfa...	6.359	6.925f	2241744	2611871	0.981	0.136 #
16)	A 4,4'-DDD	0.000	6.876	0	7308442	N.D.	0.385 #
19)	B Endosulfa...	6.735	0.000	219637	0	0.095	N.D. #
23)	Chlordane-1	4.385	5.017	2036866	24790095	28.037	27.652
24)	Chlordane-2	4.889	5.488	2269212	28661492	26.109	34.493 #
25)	Chlordane-3	5.459	6.137	6029637	106.4E6	23.343	31.730 #
26)	Chlordane-4	5.517	6.210	5064800	127.2E6	24.345	32.704 #
27)	Chlordane-5	6.359	7.021	2241744	21194480	23.872	29.026

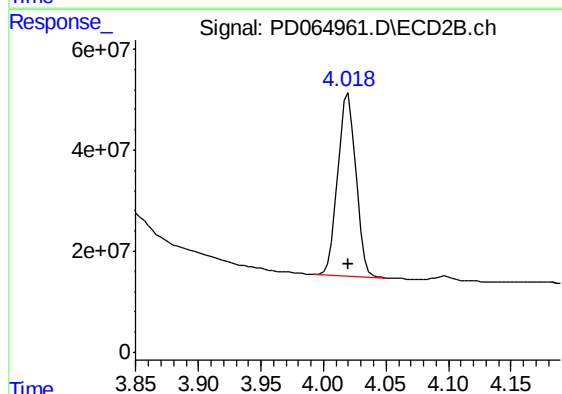
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

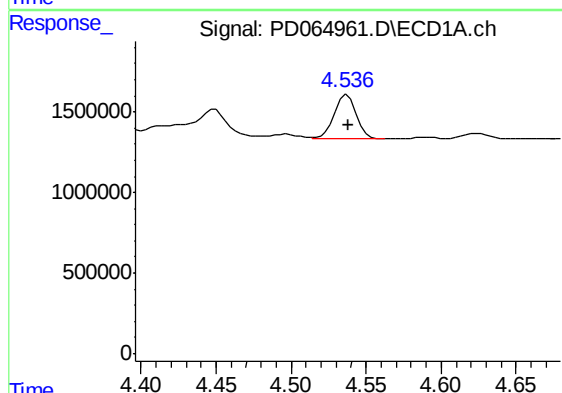
R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 33462611
Conc: 17.12 ng/ml

Instrument :
ECD_L
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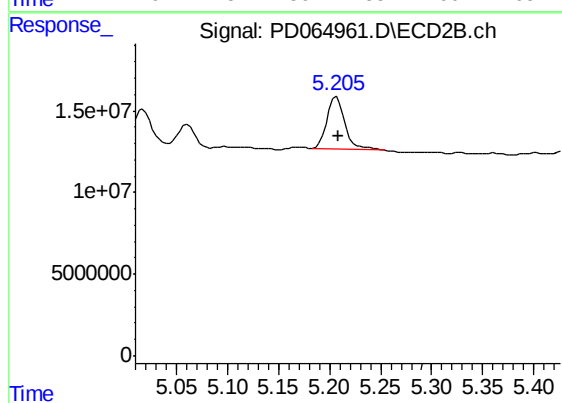
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 366431622
Conc: 18.04 ng/ml



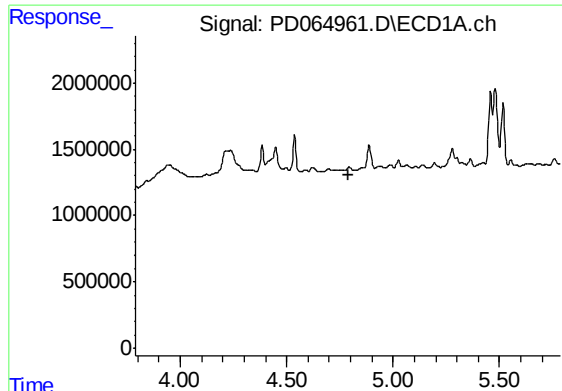
#4 Heptachlor

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 2739205
Conc: 0.93 ng/ml



#4 Heptachlor

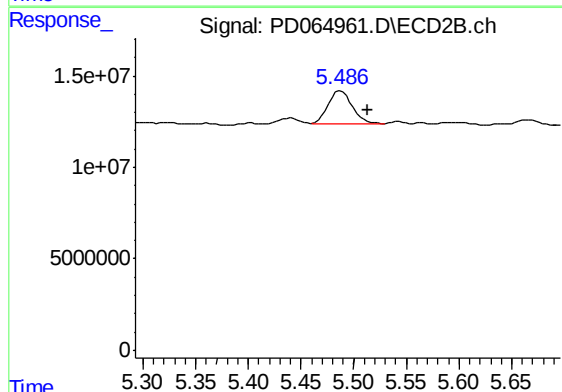
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 39548494
Conc: 1.33 ng/ml



#5 Aldrin

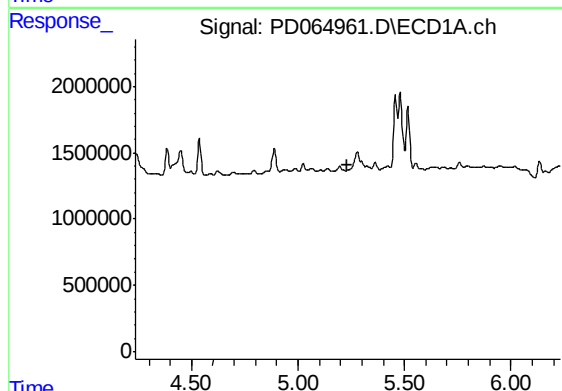
R.T.: 0.000 min
Exp R.T. : 4.788 min
Response: 0
Conc: N.D.

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



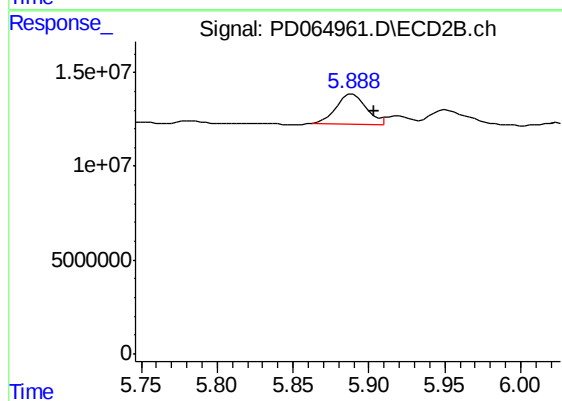
#5 Aldrin

R.T.: 5.488 min
Delta R.T.: -0.026 min
Response: 28661492
Conc: 1.02 ng/ml



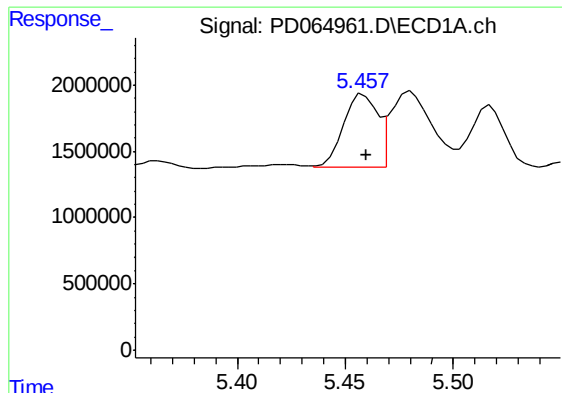
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.234 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

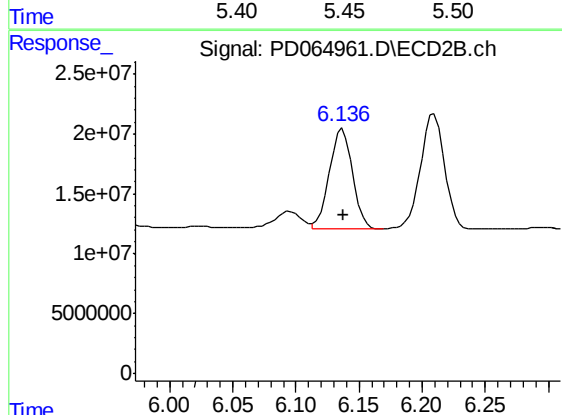
R.T.: 5.889 min
Delta R.T.: -0.014 min
Response: 22068107
Conc: 0.86 ng/ml



#10 gamma-Chlordane

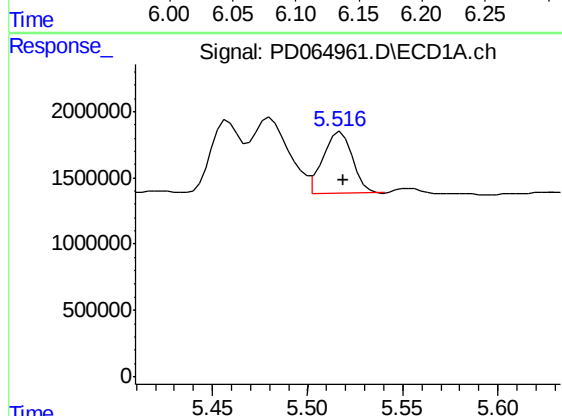
R.T.: 5.459 min
Delta R.T.: -0.001 min
Response: 6029637
Conc: 2.18 ng/ml

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



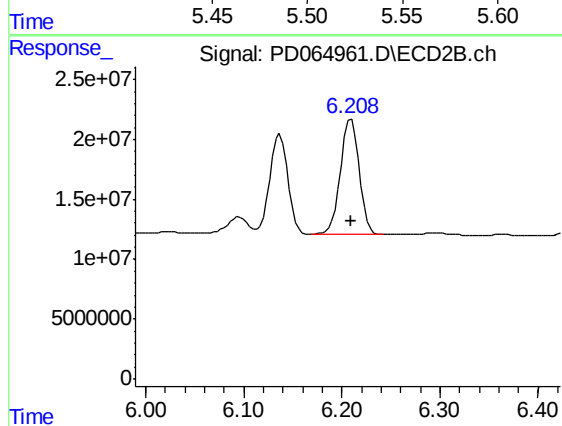
#10 gamma-Chlordane

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 106414879
Conc: 4.07 ng/ml



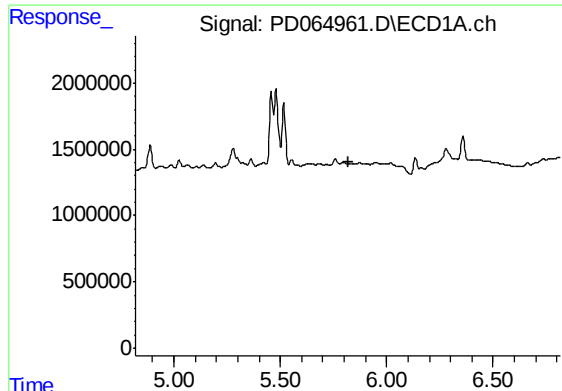
#11 alpha-Chlordane

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 5064800
Conc: 1.85 ng/ml



#11 alpha-Chlordane

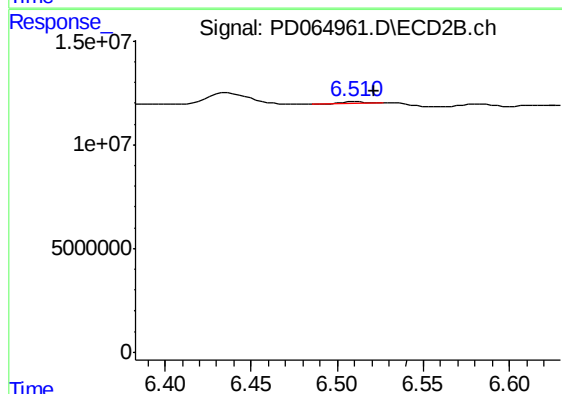
R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 127181058
Conc: 5.02 ng/ml



#13 Dielldrin

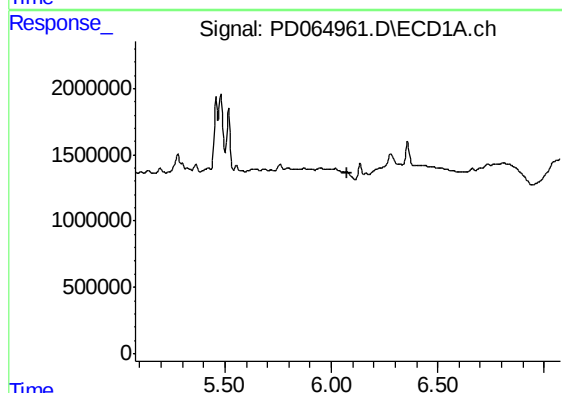
R.T.: 0.000 min
Exp R.T. : 5.818 min
Response: 0
Conc: N.D.

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



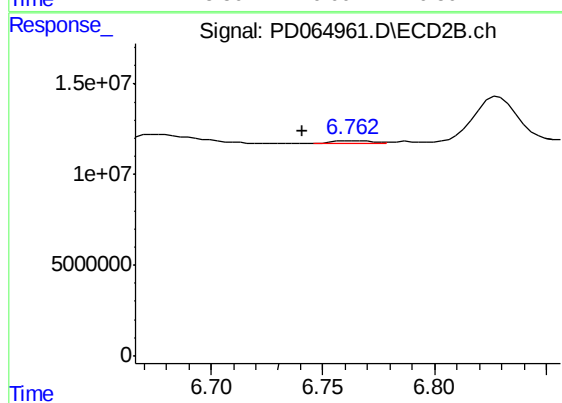
#13 Dielldrin

R.T.: 6.512 min
Delta R.T.: -0.009 min
Response: 1077356
Conc: 0.04 ng/ml



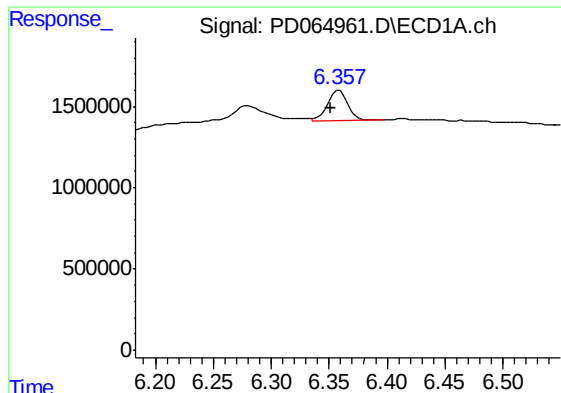
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.



#14 Endrin

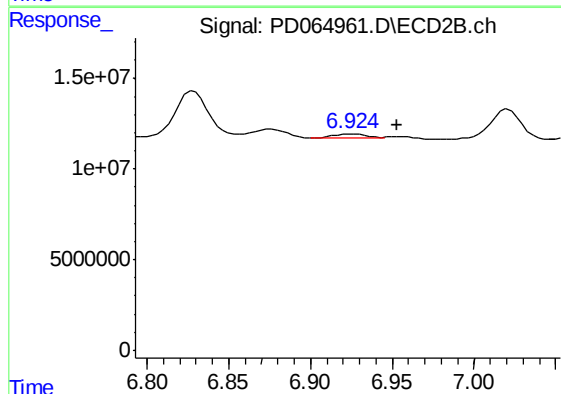
R.T.: 6.764 min
Delta R.T.: 0.023 min
Response: 1847805
Conc: 0.09 ng/ml



#15 Endosulfan II

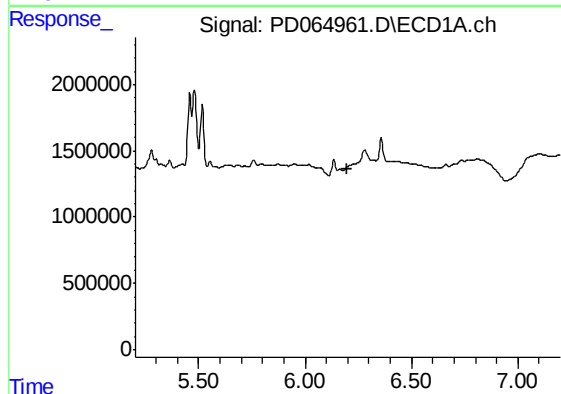
R.T.: 6.359 min
Delta R.T.: 0.008 min
Response: 2241744
Conc: 0.98 ng/ml

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



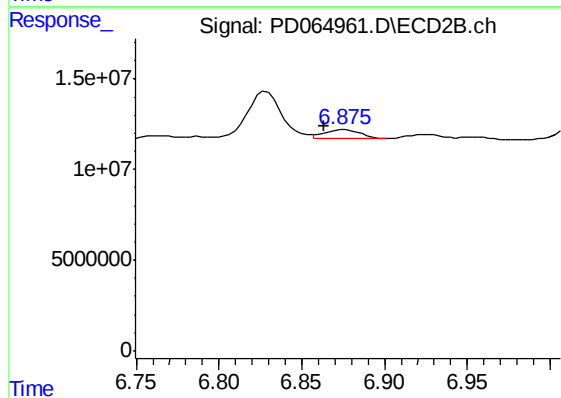
#15 Endosulfan II

R.T.: 6.925 min
Delta R.T.: -0.028 min
Response: 2611871
Conc: 0.14 ng/ml



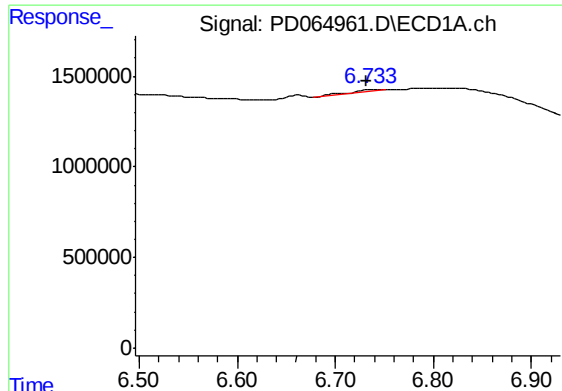
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.200 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

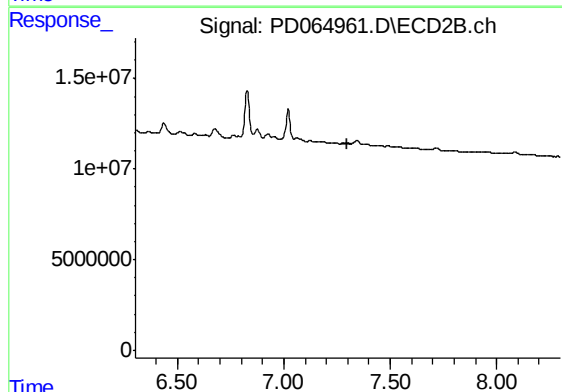
R.T.: 6.876 min
Delta R.T.: 0.013 min
Response: 7308442
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

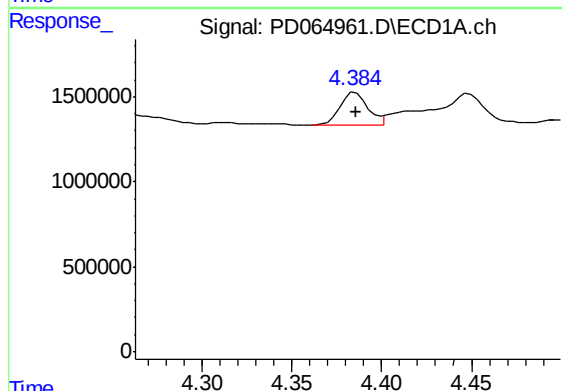
R.T.: 6.735 min
Delta R.T.: 0.003 min
Response: 219637
Conc: 0.10 ng/ml

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



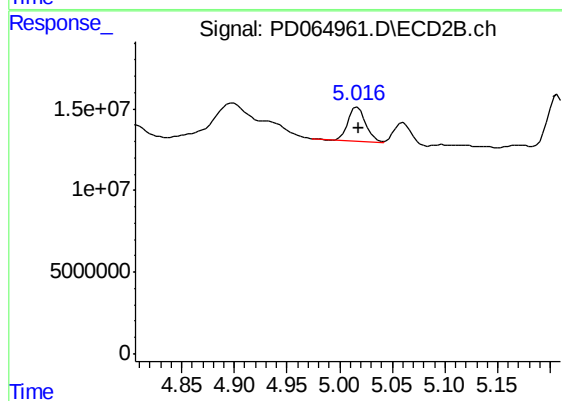
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.301 min
Response: 0
Conc: N.D.



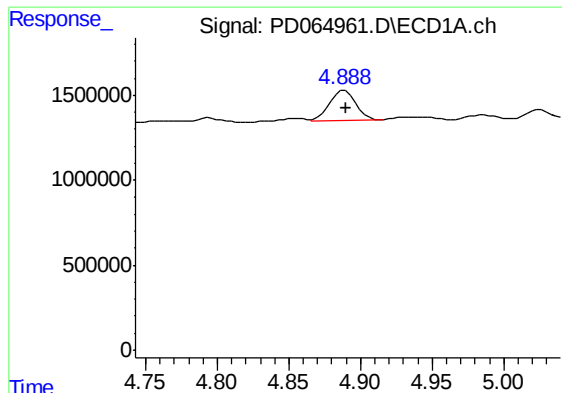
#23 Chlordane-1

R.T.: 4.385 min
Delta R.T.: 0.000 min
Response: 2036866
Conc: 28.04 ng/ml



#23 Chlordane-1

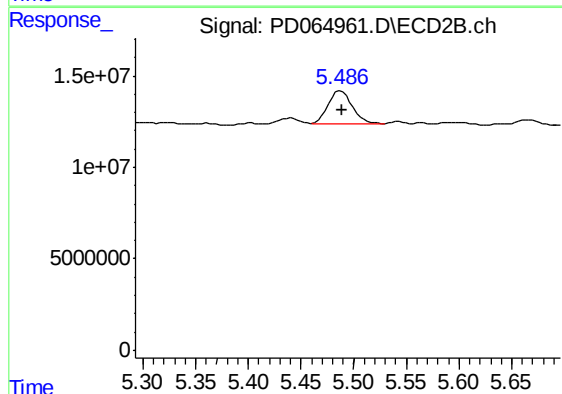
R.T.: 5.017 min
Delta R.T.: -0.001 min
Response: 24790095
Conc: 27.65 ng/ml



#24 Chlordane-2

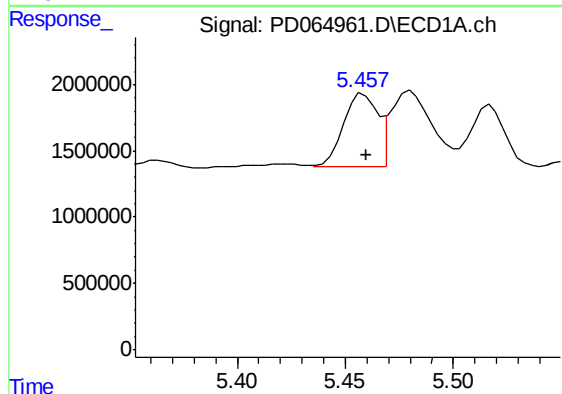
R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 2269212
Conc: 26.11 ng/ml

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



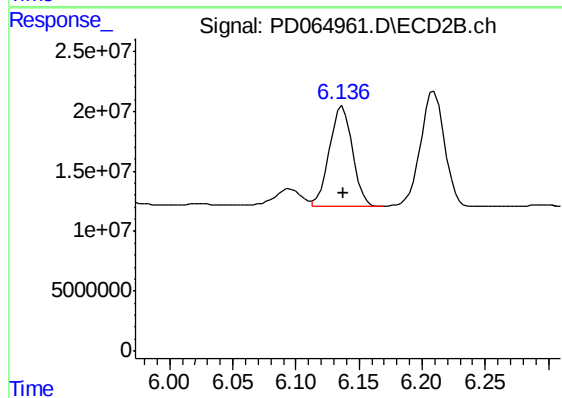
#24 Chlordane-2

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 28661492
Conc: 34.49 ng/ml



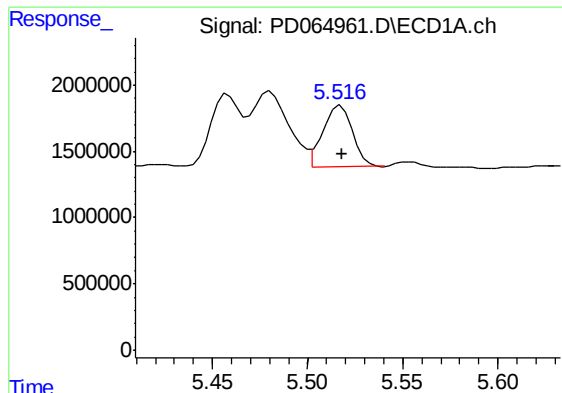
#25 Chlordane-3

R.T.: 5.459 min
Delta R.T.: -0.001 min
Response: 6029637
Conc: 23.34 ng/ml



#25 Chlordane-3

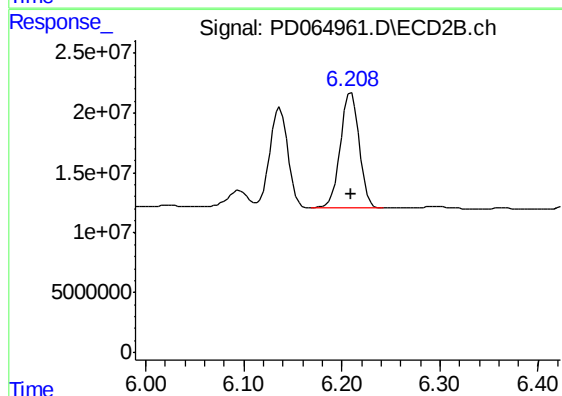
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 106414879
Conc: 31.73 ng/ml



#26 Chlordane-4

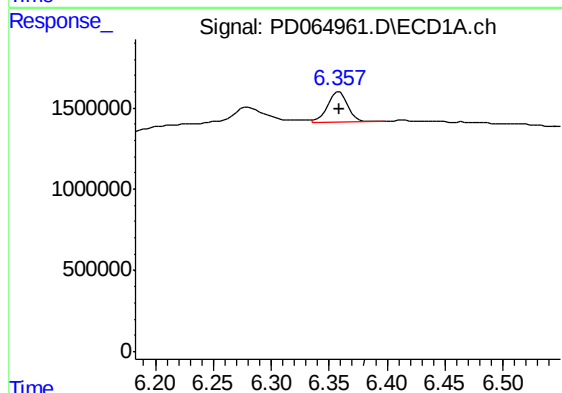
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 5064800
Conc: 24.34 ng/ml

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



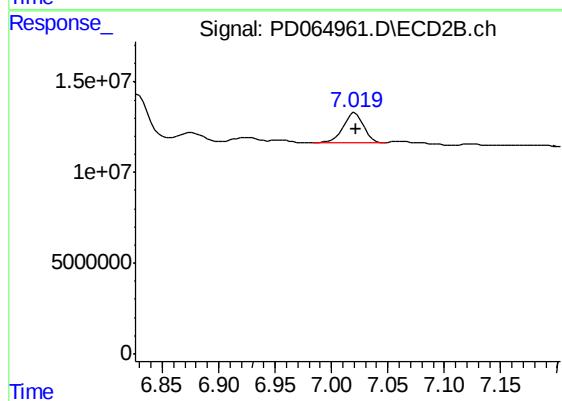
#26 Chlordane-4

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 127181058
Conc: 32.70 ng/ml



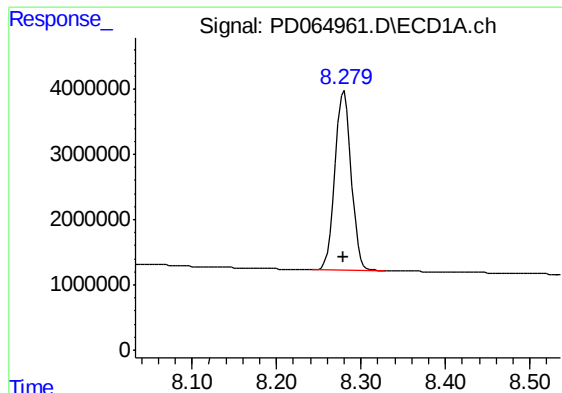
#27 Chlordane-5

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 2241744
Conc: 23.87 ng/ml



#27 Chlordane-5

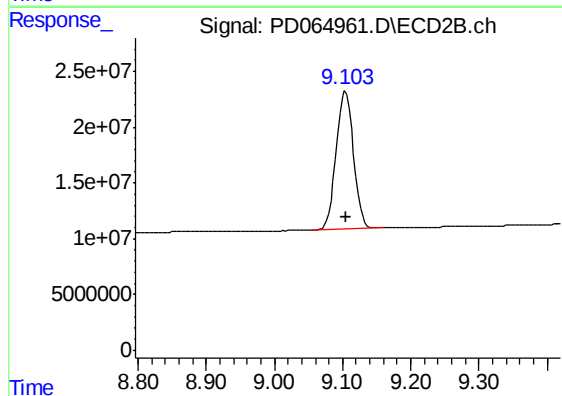
R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 21194480
Conc: 29.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 36725522
Conc: 14.94 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 220069368
Conc: 19.80 ng/ml