

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 07:37
 Operator : AR\AJ
 Sample : M2940-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 44 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 04:07:00 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 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...	3.509	4.020	34036506	374.3E6	17.416	18.430
28)	SA Decachlor...	8.280	9.105	45309605	217.4E6	18.437	19.560
Target Compounds							
2)	A alpha-BHC	3.952	4.415	6727426	82804482	2.233	2.610
3)	MA gamma-BHC...	4.237	4.702	7168720	73622083	2.543	2.558
4)	MA Heptachlor	4.538	5.207	6528058	79683221	2.226	2.683
5)	MB Aldrin	4.787	5.513	6361545	74394939	2.204	2.643
6)	B beta-BHC	4.487	4.879	3515310	49447353	2.827	N.D. #
7)	B delta-BHC	4.693	5.095	5908141	68400594	2.108	2.418
8)	B Heptachlor...	5.233	5.903	6246228	68806056	2.324	2.691
9)	A Endosulfan I	5.573	6.261	5869893	63362663	2.317	2.686
10)	B gamma-Chl...	5.459	6.137	6349122	70484346	2.297	2.698
11)	B alpha-Chl...	5.518	6.209	6444004	68468419	2.355	2.701
12)	B 4,4'-DDE	5.682	6.368	5714332	61367889	2.174	2.525
13)	MA Dieldrin	5.817	6.521	5998859	64127604	2.190	2.600
14)	MA Endrin	6.076	6.739	5530840	49128664	2.298	2.522
15)	B Endosulfa...	6.349	6.953	5539396	51685610	2.423	2.692
16)	A 4,4'-DDD	6.200	6.862	5060332	53363034	2.196	2.808 #
17)	MA 4,4'-DDT	6.441	7.161	5164635	48099405	2.150	2.415
18)	B Endrin al...	6.519	7.078	4619536	44067773	2.524	2.805
19)	B Endosulfa...	6.731	7.300	5756095	52038873	2.492	2.698
20)	A Methoxychlor	6.990	7.621	3717043	25080756	2.651	2.640
21)	B Endrin ke...	7.228	7.775	7261021	51480343	2.523	2.699
22)	Mirex	7.414	8.225	6132905	36839609	2.764	2.923
24)	Chlordane-2	0.000	5.513f	0	74394939	N.D.	89.532 #
25)	Chlordane-3	5.459	6.137	6349122	70484346	24.580	21.016
26)	Chlordane-4	5.518	6.209	6444004	68468419	30.974	17.606 #
27)	Chlordane-5	6.349	0.000	5539396	0	58.987	N.D. #

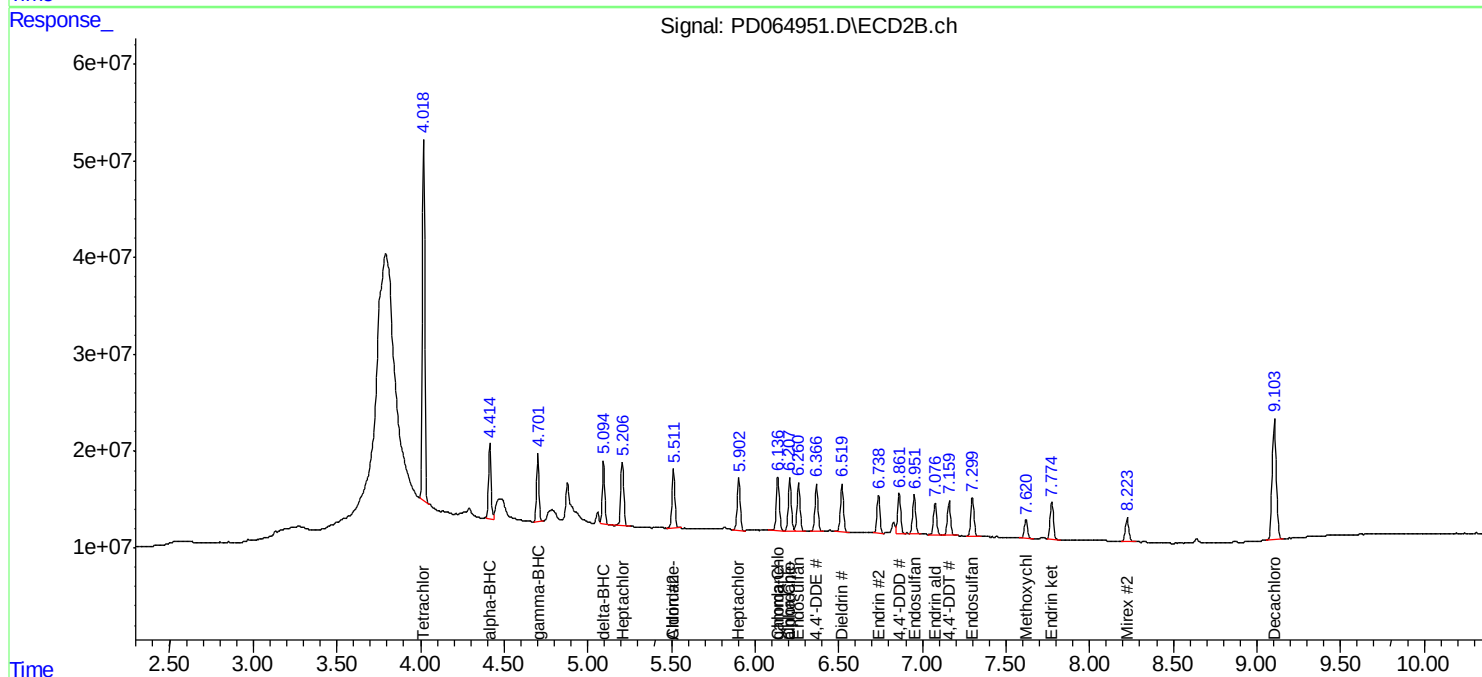
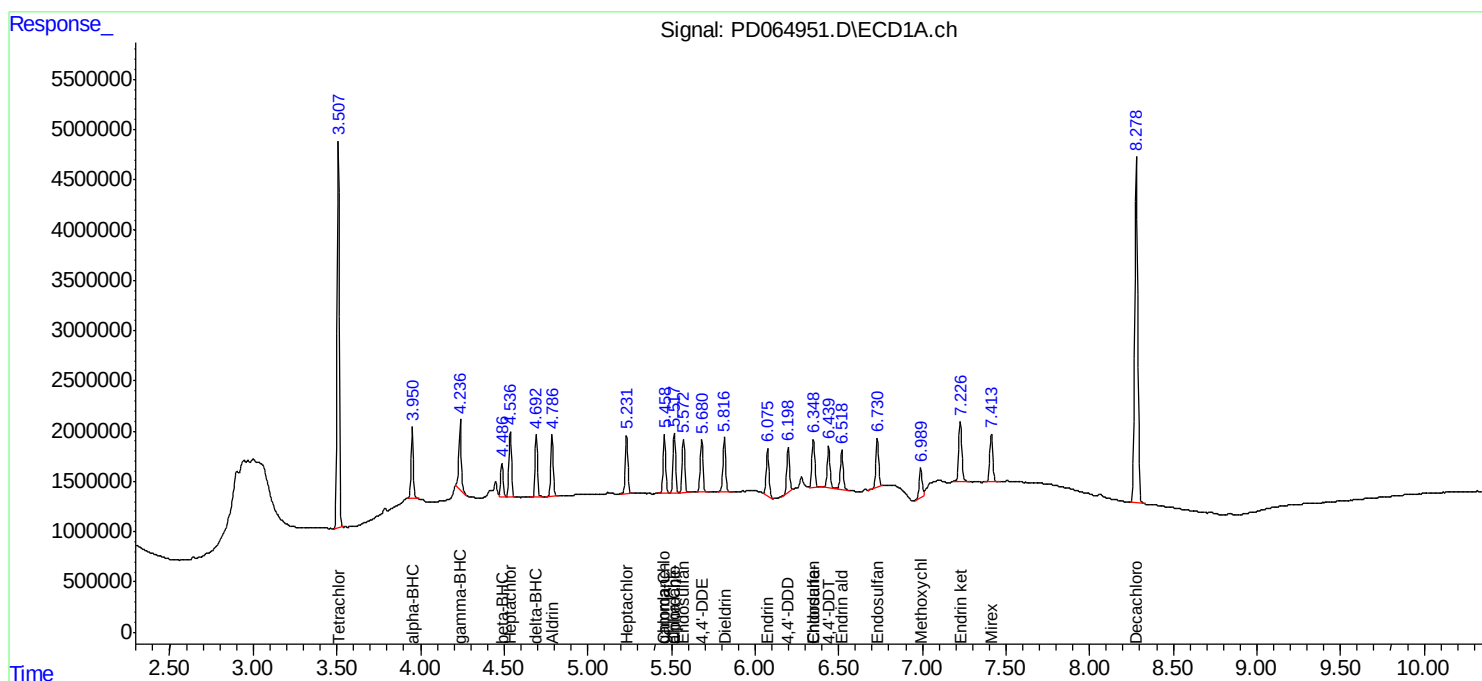
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

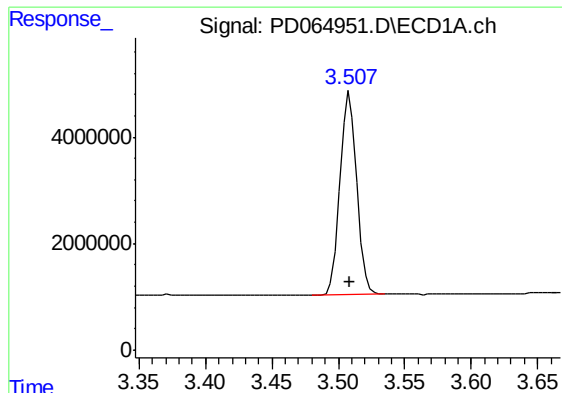
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
Data File : PD064951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2021 07:37
Operator : AR\AJ
Sample : M2940-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 44 Sample Multiplier: 1

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 04:07:00 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

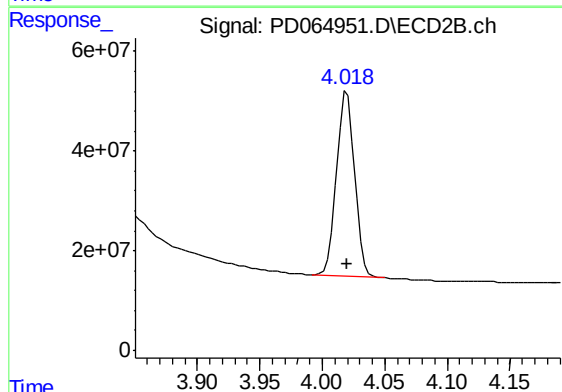




#1 Tetrachloro-m-xylene

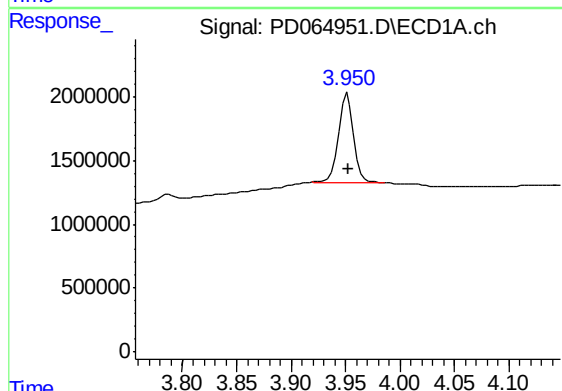
R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 34036506
Conc: 17.42 ng/ml

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



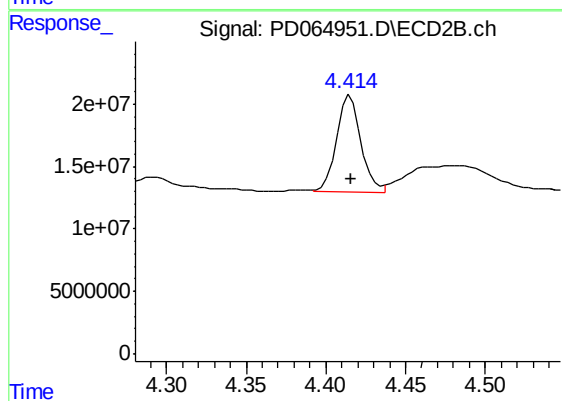
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 374262892
Conc: 18.43 ng/ml



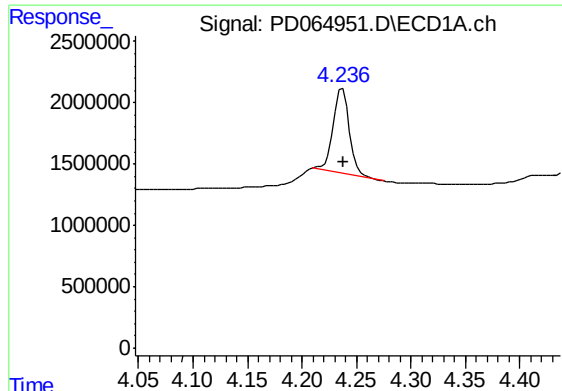
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 6727426
Conc: 2.23 ng/ml



#2 alpha-BHC

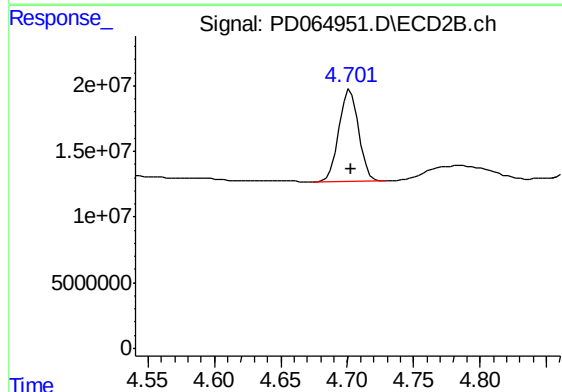
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 82804482
Conc: 2.61 ng/ml



#3 gamma-BHC (Lindane)

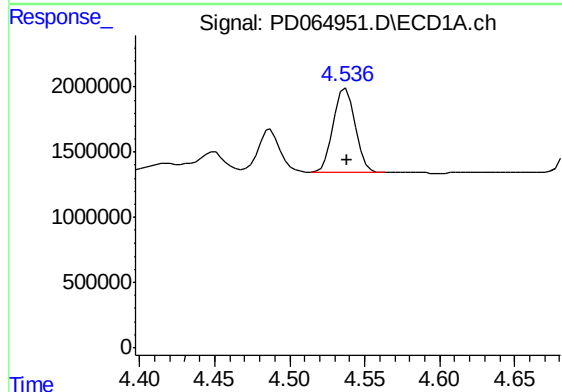
R.T.: 4.237 min
Delta R.T.: -0.001 min
Response: 7168720
Conc: 2.54 ng/ml

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



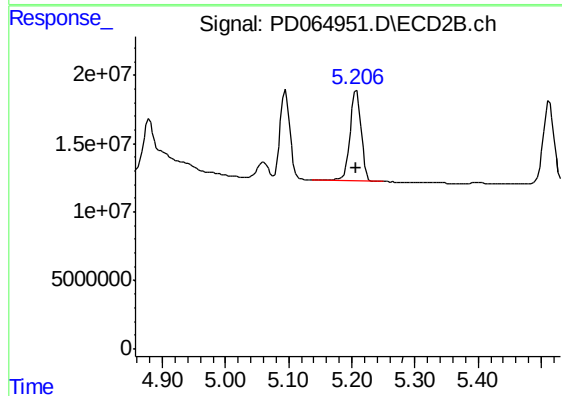
#3 gamma-BHC (Lindane)

R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 73622083
Conc: 2.56 ng/ml



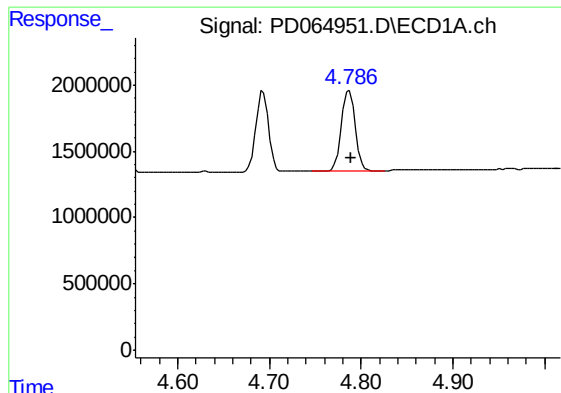
#4 Heptachlor

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 6528058
Conc: 2.23 ng/ml



#4 Heptachlor

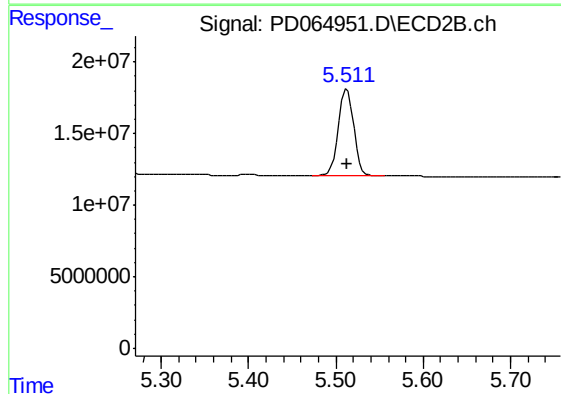
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 79683221
Conc: 2.68 ng/ml



#5 Aldrin

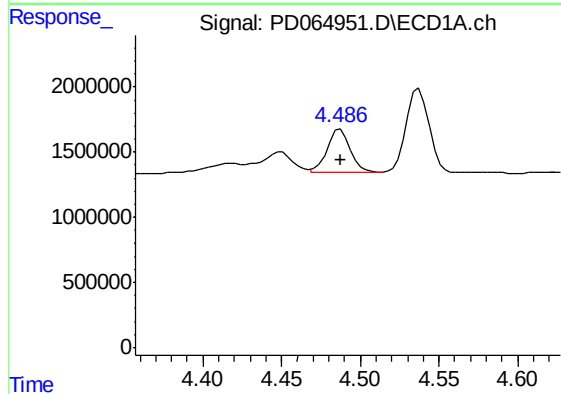
R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 6361545
Conc: 2.20 ng/ml

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



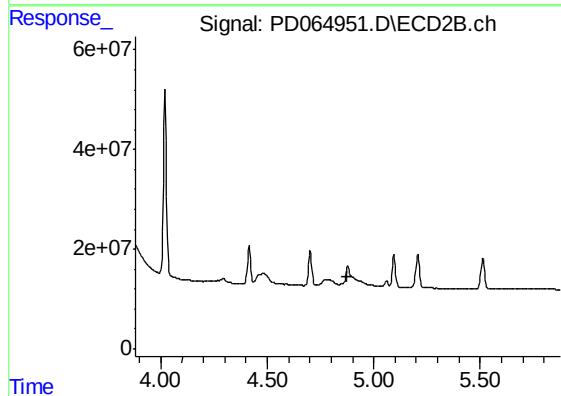
#5 Aldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 74394939
Conc: 2.64 ng/ml



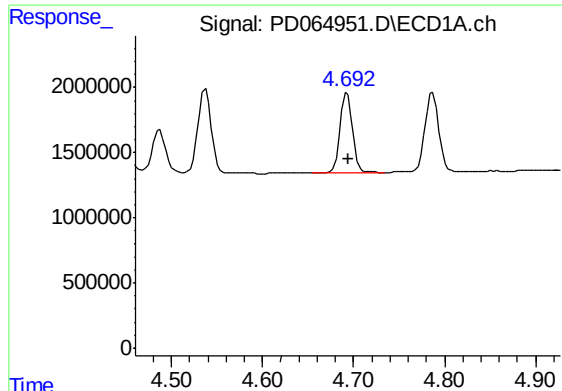
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 3515310
Conc: 2.83 ng/ml



#6 beta-BHC

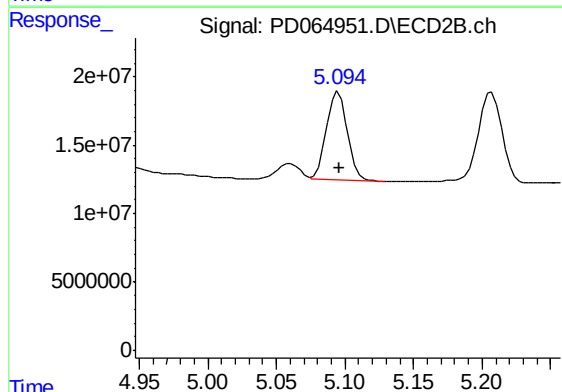
R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 49447353
Conc: N.D.



#7 delta-BHC

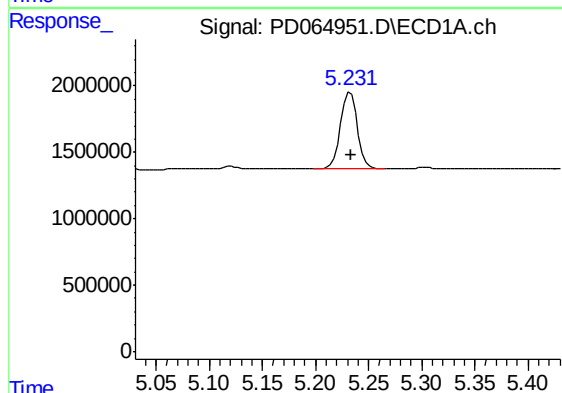
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 5908141
Conc: 2.11 ng/ml

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



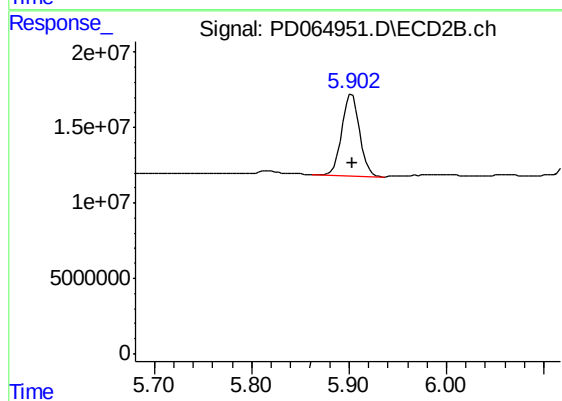
#7 delta-BHC

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 68400594
Conc: 2.42 ng/ml



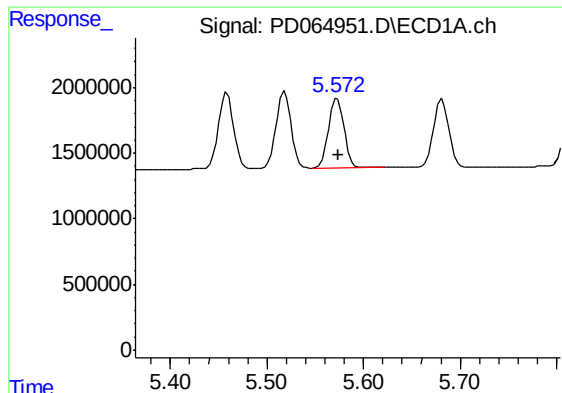
#8 Heptachlor epoxide

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 6246228
Conc: 2.32 ng/ml



#8 Heptachlor epoxide

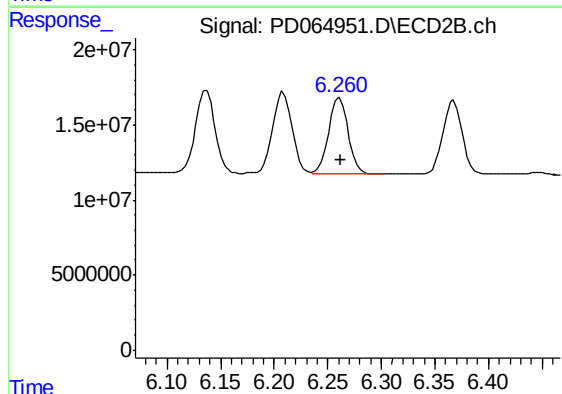
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 68806056
Conc: 2.69 ng/ml



#9 Endosulfan I

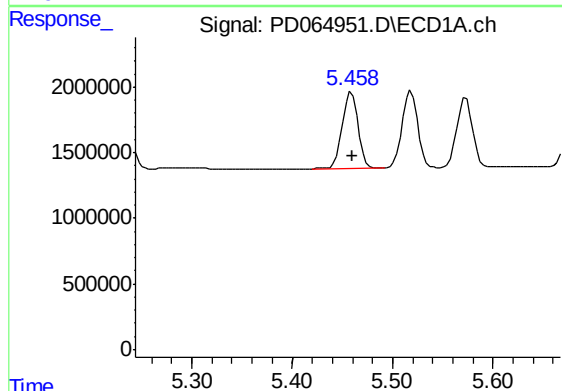
R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 5869893
Conc: 2.32 ng/ml

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



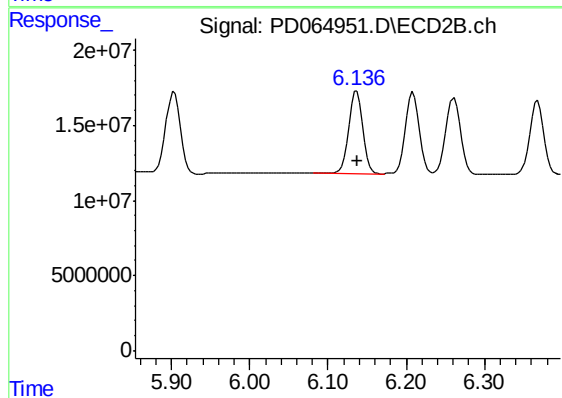
#9 Endosulfan I

R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 63362663
Conc: 2.69 ng/ml



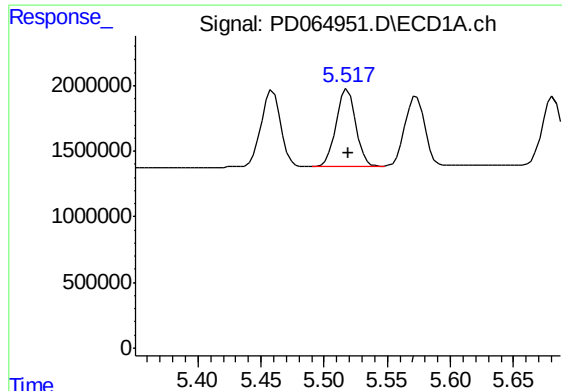
#10 gamma-Chlordane

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 6349122
Conc: 2.30 ng/ml



#10 gamma-Chlordane

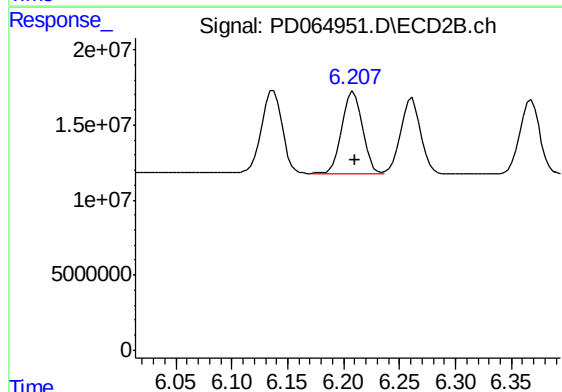
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 70484346
Conc: 2.70 ng/ml



#11 alpha-Chlordane

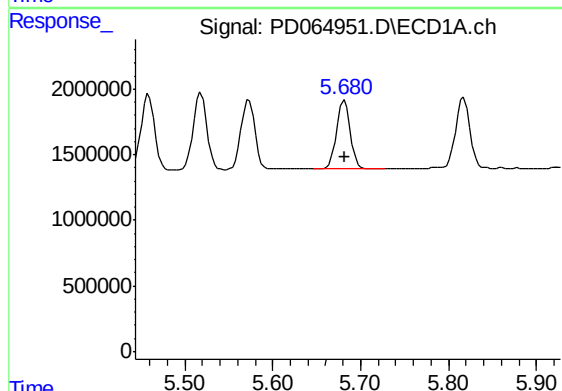
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 6444004
Conc: 2.36 ng/ml

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



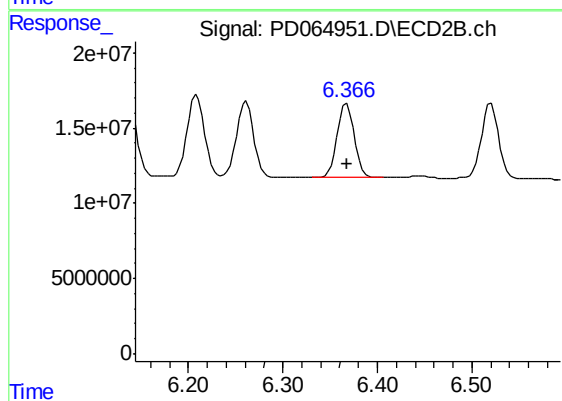
#11 alpha-Chlordane

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 68468419
Conc: 2.70 ng/ml



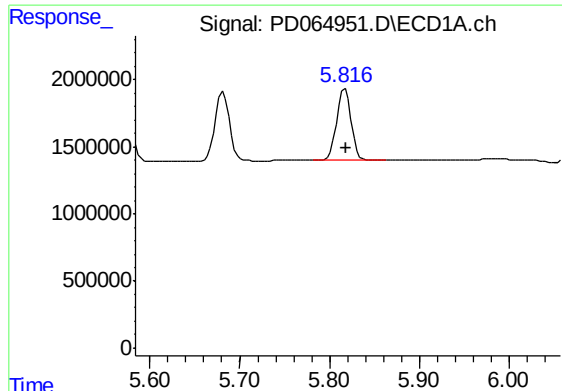
#12 4,4'-DDE

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 5714332
Conc: 2.17 ng/ml



#12 4,4'-DDE

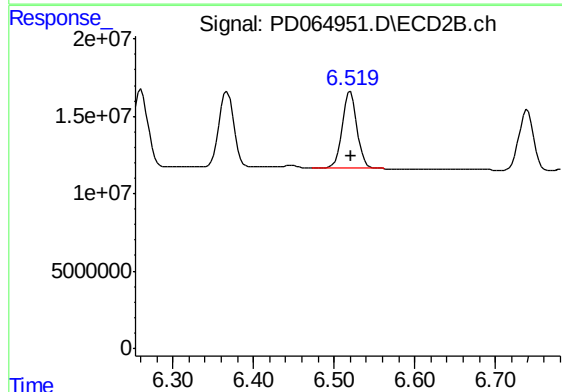
R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 61367889
Conc: 2.53 ng/ml



#13 Dieldrin

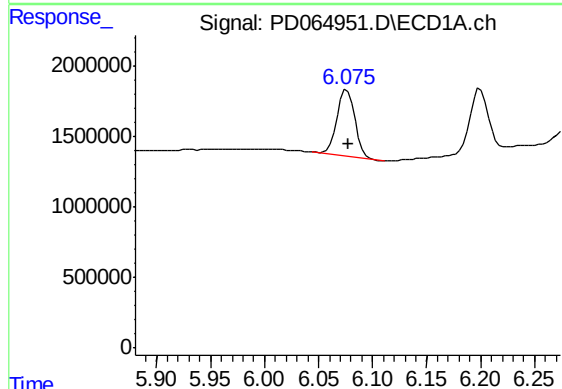
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 5998859
Conc: 2.19 ng/ml

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



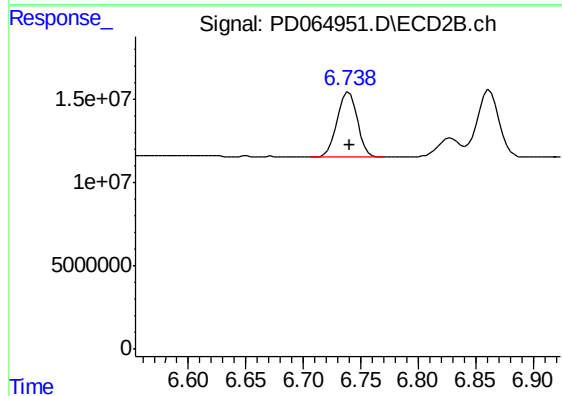
#13 Dieldrin

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 64127604
Conc: 2.60 ng/ml



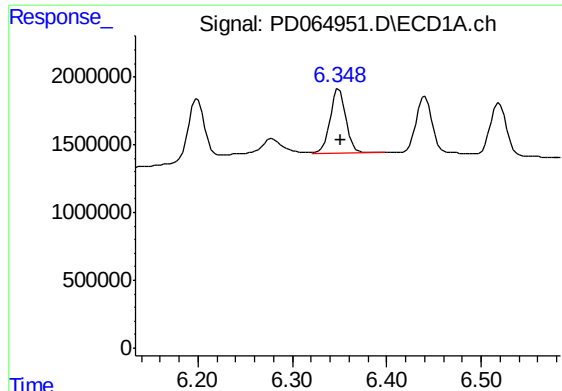
#14 Endrin

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 5530840
Conc: 2.30 ng/ml



#14 Endrin

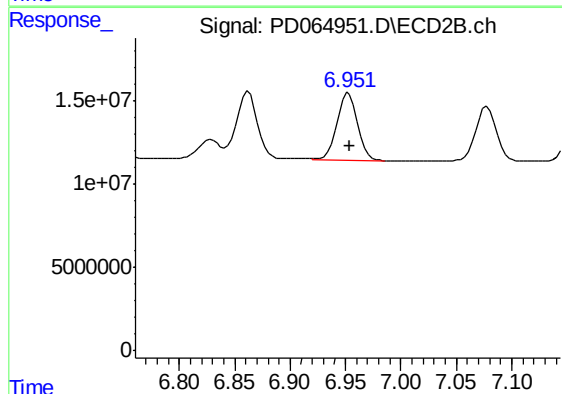
R.T.: 6.739 min
Delta R.T.: -0.002 min
Response: 49128664
Conc: 2.52 ng/ml



#15 Endosulfan II

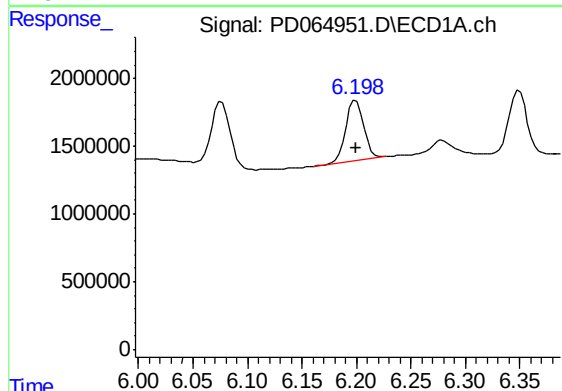
R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 5539396
Conc: 2.42 ng/ml

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



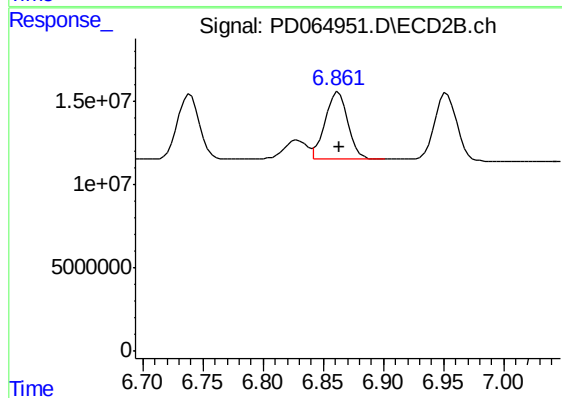
#15 Endosulfan II

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 51685610
Conc: 2.69 ng/ml



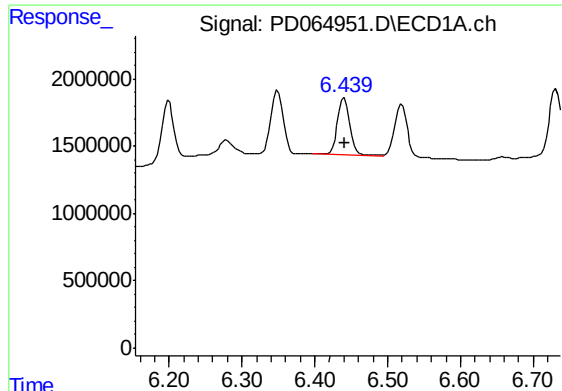
#16 4,4'-DDD

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 5060332
Conc: 2.20 ng/ml



#16 4,4'-DDD

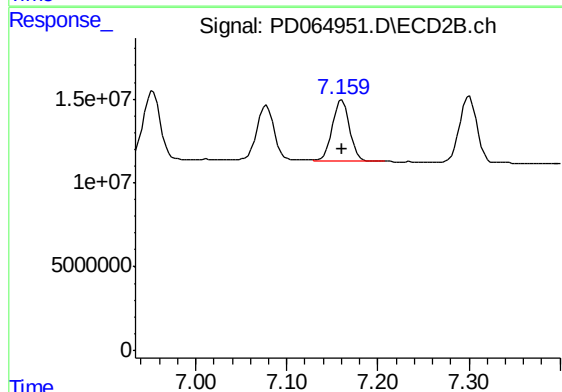
R.T.: 6.862 min
Delta R.T.: -0.001 min
Response: 53363034
Conc: 2.81 ng/ml



#17 4,4'-DDT

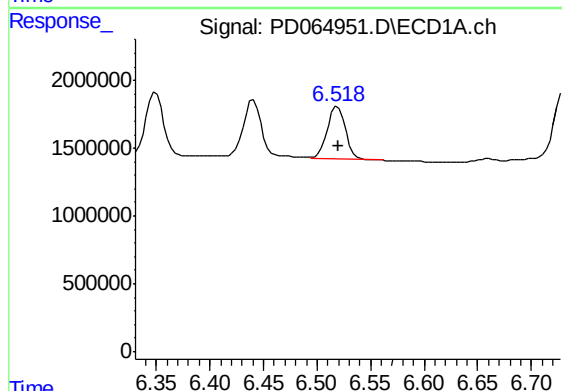
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 5164635
Conc: 2.15 ng/ml

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



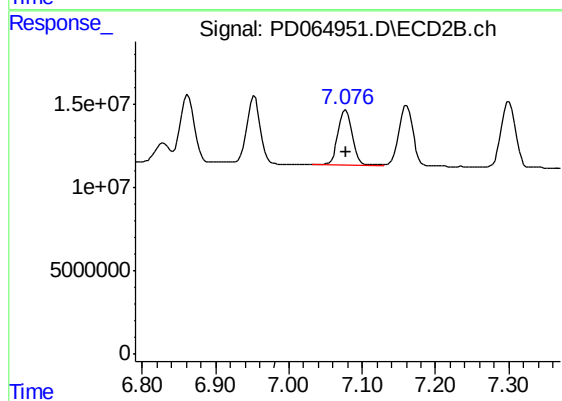
#17 4,4'-DDT

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 48099405
Conc: 2.42 ng/ml



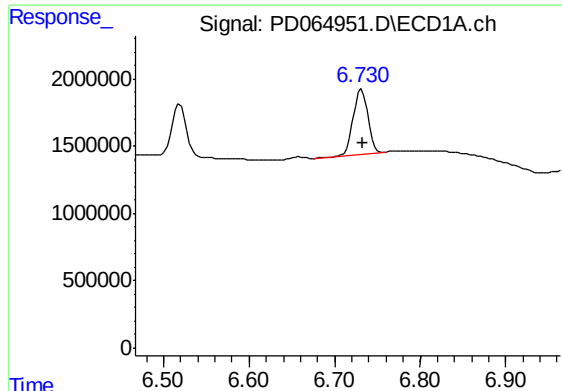
#18 Endrin aldehyde

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 4619536
Conc: 2.52 ng/ml



#18 Endrin aldehyde

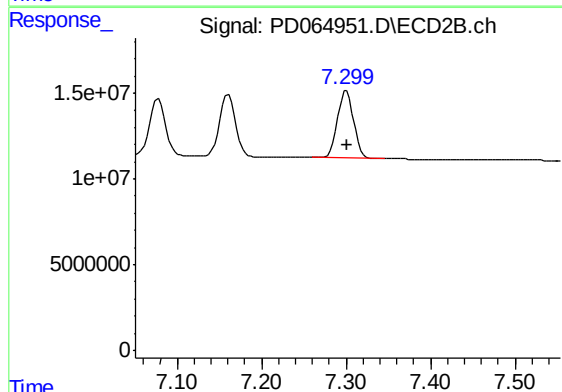
R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 44067773
Conc: 2.80 ng/ml



#19 Endosulfan Sulfate

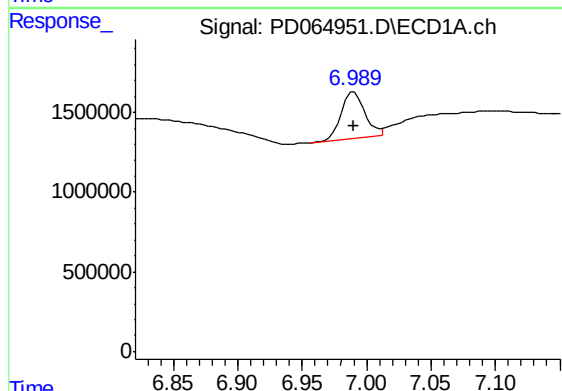
R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 5756095
Conc: 2.49 ng/ml

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



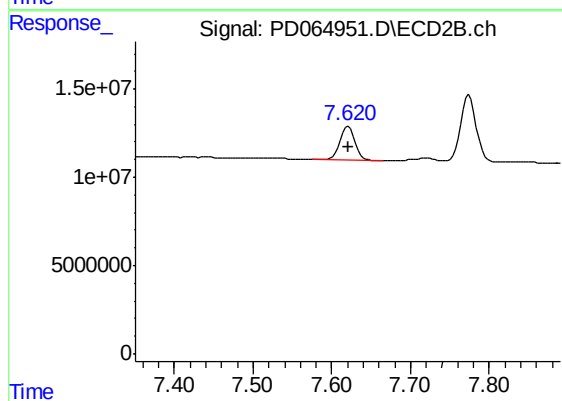
#19 Endosulfan Sulfate

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 52038873
Conc: 2.70 ng/ml



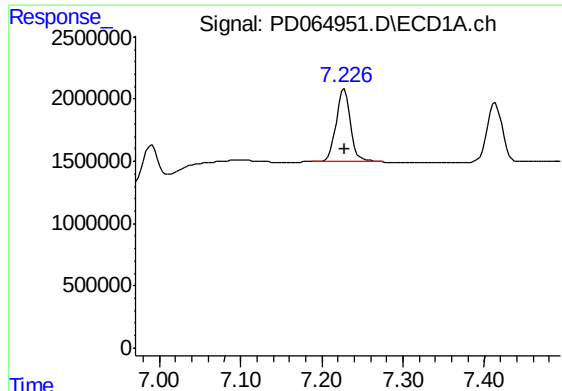
#20 Methoxychlor

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 3717043
Conc: 2.65 ng/ml



#20 Methoxychlor

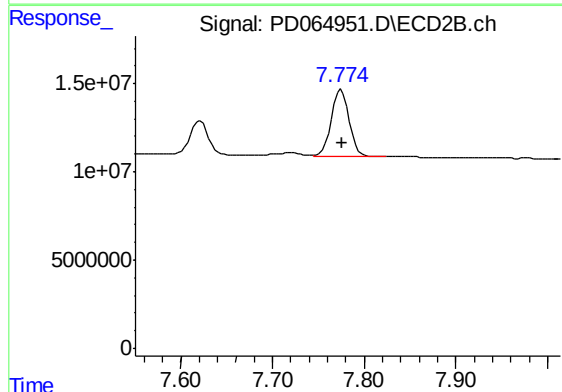
R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 25080756
Conc: 2.64 ng/ml



#21 Endrin ketone

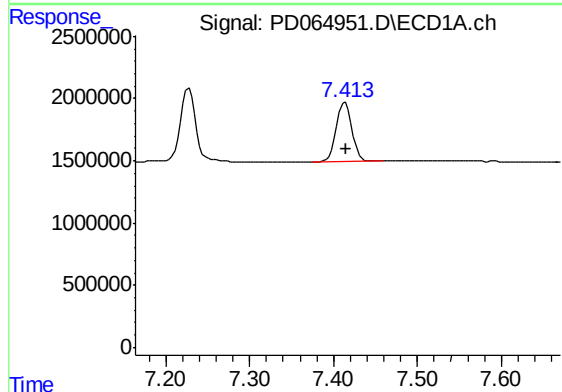
R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 7261021
Conc: 2.52 ng/ml

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



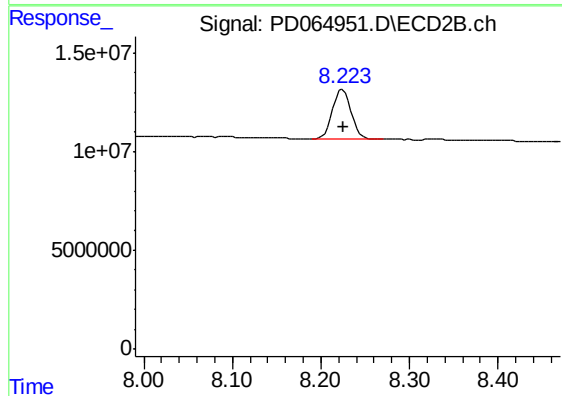
#21 Endrin ketone

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 51480343
Conc: 2.70 ng/ml



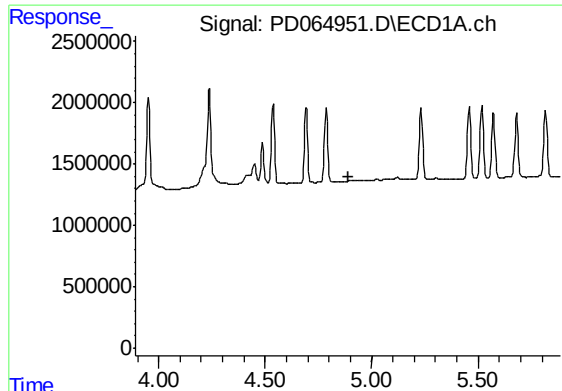
#22 Mirex

R.T.: 7.414 min
Delta R.T.: 0.000 min
Response: 6132905
Conc: 2.76 ng/ml



#22 Mirex

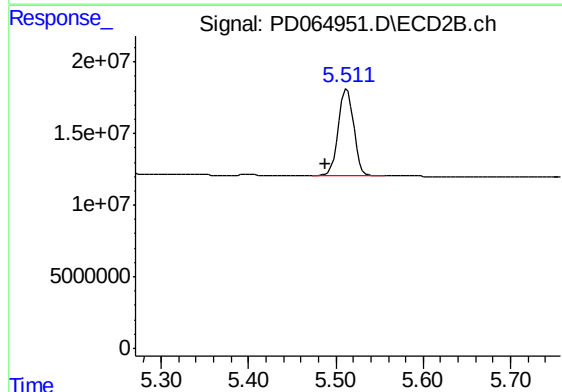
R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 36839609
Conc: 2.92 ng/ml



#24 Chlordane-2

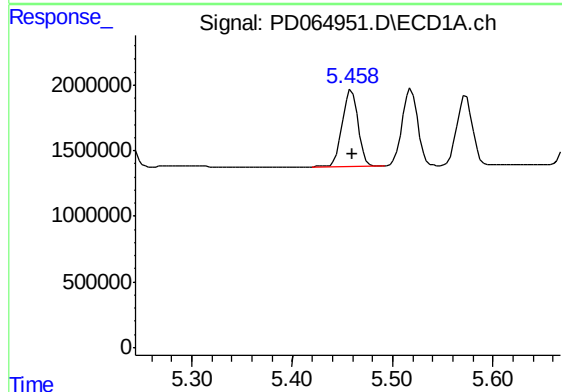
R.T.: 0.000 min
Exp R.T.: 4.890 min
Response: 0
Conc: N.D.

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



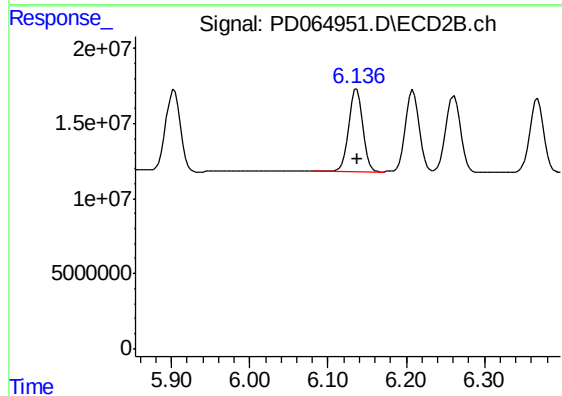
#24 Chlordane-2

R.T.: 5.513 min
Delta R.T.: 0.024 min
Response: 74394939
Conc: 89.53 ng/ml



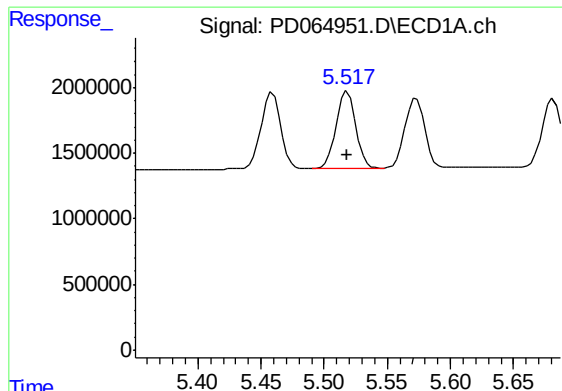
#25 Chlordane-3

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 6349122
Conc: 24.58 ng/ml



#25 Chlordane-3

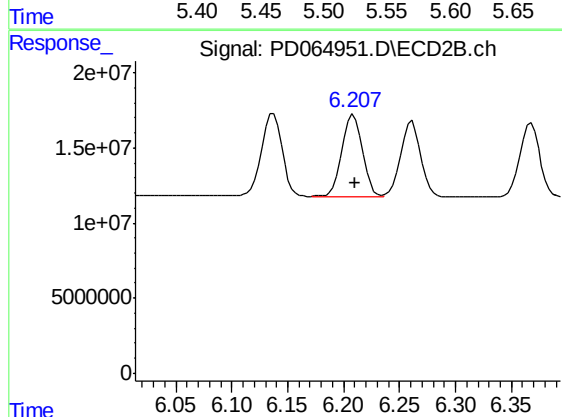
R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 70484346
Conc: 21.02 ng/ml



#26 Chlordane-4

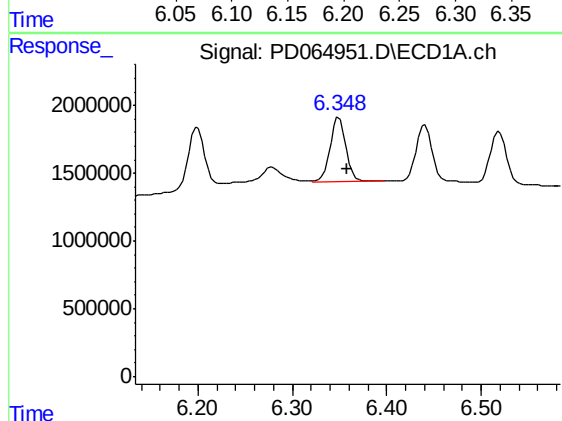
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 6444004
Conc: 30.97 ng/ml

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



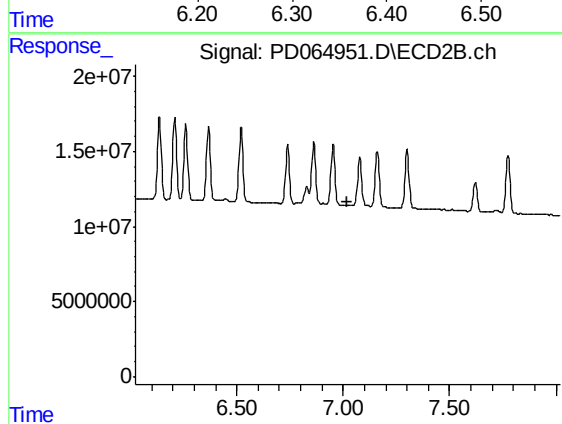
#26 Chlordane-4

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 68468419
Conc: 17.61 ng/ml



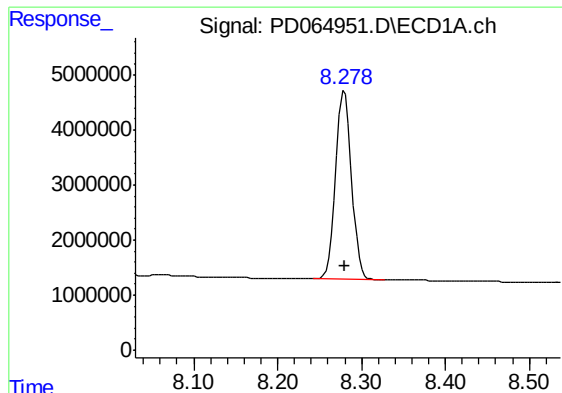
#27 Chlordane-5

R.T.: 6.349 min
Delta R.T.: -0.009 min
Response: 5539396
Conc: 58.99 ng/ml



#27 Chlordane-5

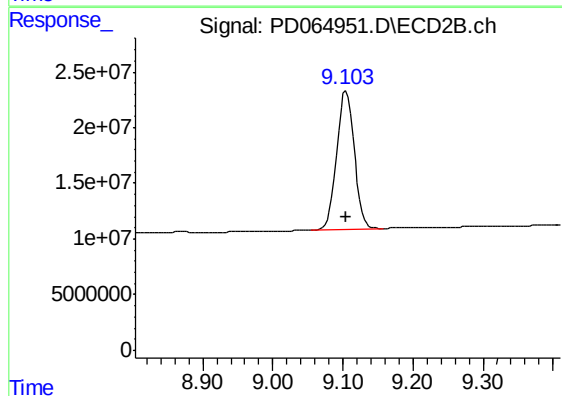
R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 45309605
Conc: 18.44 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: 217390571
Conc: 19.56 ng/ml