

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 07:23
 Operator : AR\AJ
 Sample : M2940-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 43 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 04:06:31 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	34888267	384.7E6	17.852	18.946
28)	SA Decachlor...	8.281	9.105	46459080	222.6E6	18.904	20.030
Target Compounds							
2)	A alpha-BHC	3.952	4.416	3424513	41834931	1.137	1.319
3)	MA gamma-BHC...	4.237	4.703	3813461	36201088	1.353	1.258
4)	MA Heptachlor	4.538	5.208	3066174	41953883	1.046	1.413 #
5)	MB Aldrin	4.788	5.514	3093398	36590695	1.072	1.300
7)	B delta-BHC	4.694	5.096	2652452	32495166	0.946	1.149
8)	B Heptachlor...	5.233	5.903	2899004	34141989	1.079	1.335
9)	A Endosulfan I	5.573	6.262	2719983	31200332	1.073	1.322
10)	B gamma-Chl...	5.459	6.138	2920309	35230642	1.057	1.349 #
11)	B alpha-Chl...	5.518	6.210	3064292	33505957	1.120	1.322
12)	B 4,4'-DDE	5.682	6.368	2677187	29485098	1.018	1.213
13)	MA Dieldrin	5.817	6.521	2863204	31160452	1.045	1.263
14)	MA Endrin	6.076	6.740	2740645	23249505	1.139	1.193
15)	B Endosulfa...	6.350	6.953	2718815	25397980	1.189	1.323
16)	A 4,4'-DDD	6.200	6.863	2344491	27248244	1.017	1.434 #
17)	MA 4,4'-DDT	6.442	7.162	2597032	22817286	1.081	1.146
18)	B Endrin al...	6.520	7.078	2257782	22455304	1.233	1.429
19)	B Endosulfa...	6.732	7.301	2822806	25432324	1.222	1.318
20)	A Methoxychlor	6.991	7.622	1835405	12387823	1.309	1.304
21)	B Endrin ke...	7.228	7.776	3588528	24949650	1.247	1.308
22)	Mirex	7.415	8.226	3226415	18333445	1.454	1.455
24)	Chlordane-2	0.000	5.514f	0	36590695	N.D.	44.036 #
25)	Chlordane-3	5.459	6.138	2920309	35230642	11.306	10.505
26)	Chlordane-4	5.518	6.210	3064292	33505957	14.729	8.616 #
27)	Chlordane-5	6.350	0.000	2718815	0	28.952	N.D. #

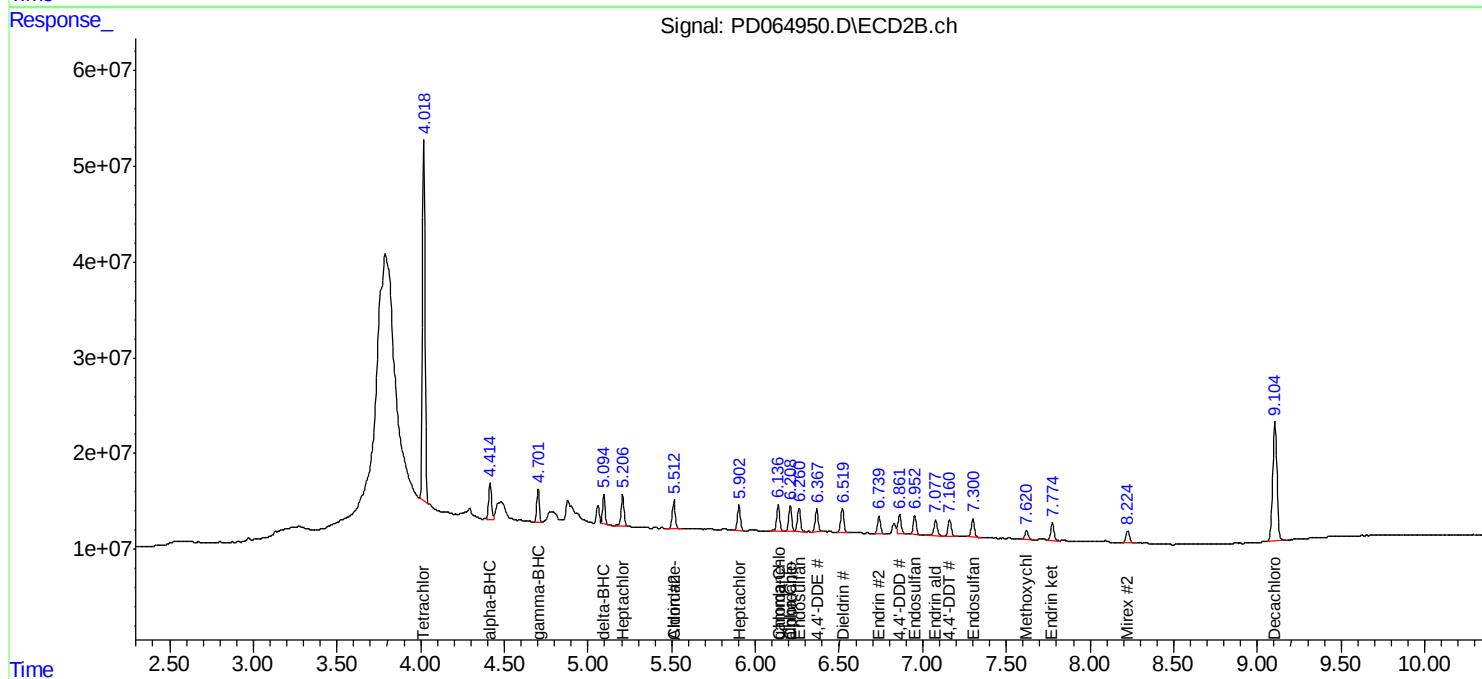
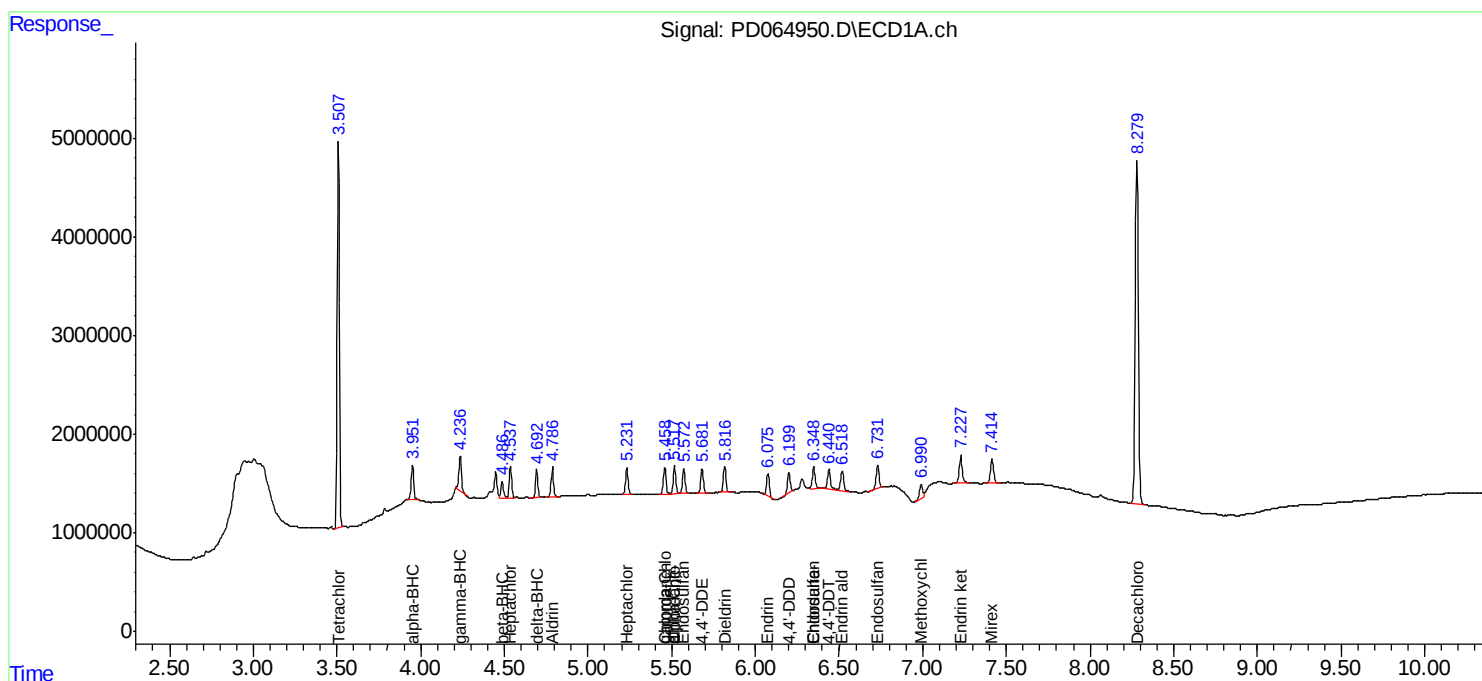
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

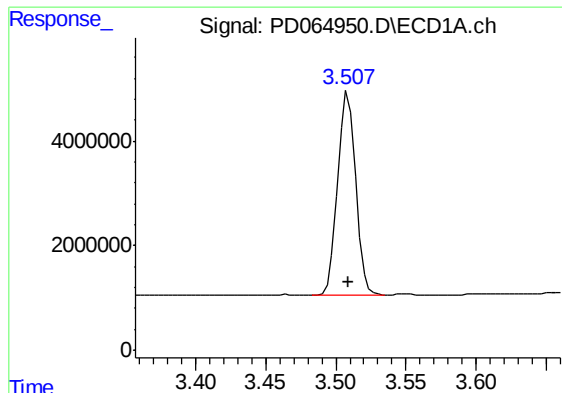
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
Data File : PD064950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2021 07:23
Operator : AR\AJ
Sample : M2940-01
Misc : PEST LOD 1 PPB
ALS Vial : 43 Sample Multiplier: 1

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 04:06:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
Quant Title : GC Extractables
QLast Update : Mon Aug 16 03:35:15 2021
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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

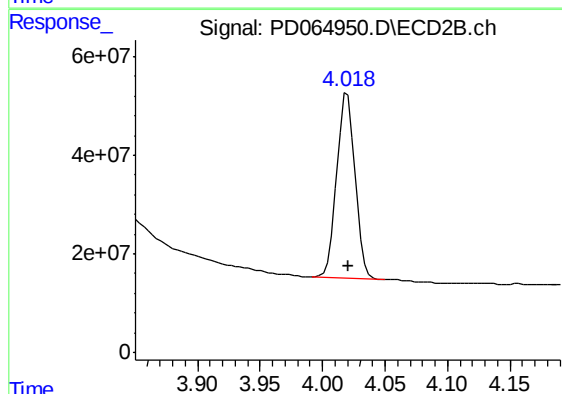




#1 Tetrachloro-m-xylene

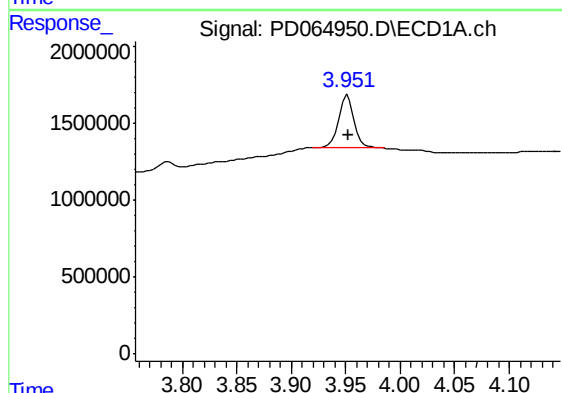
R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 34888267
Conc: 17.85 ng/ml

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



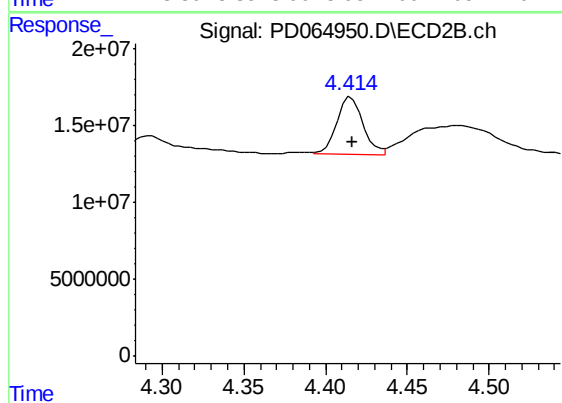
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 384744561
Conc: 18.95 ng/ml



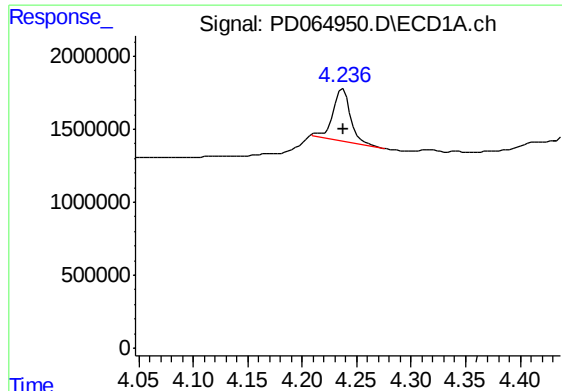
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 3424513
Conc: 1.14 ng/ml



#2 alpha-BHC

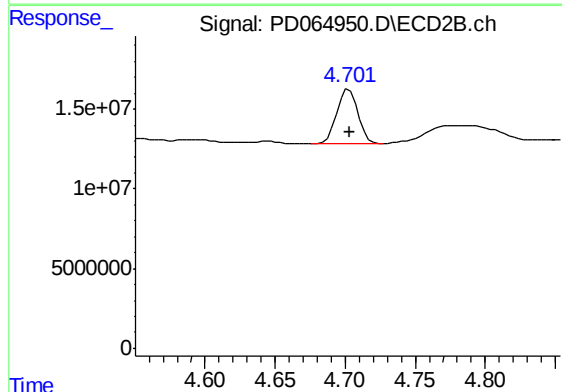
R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 41834931
Conc: 1.32 ng/ml



#3 gamma-BHC (Lindane)

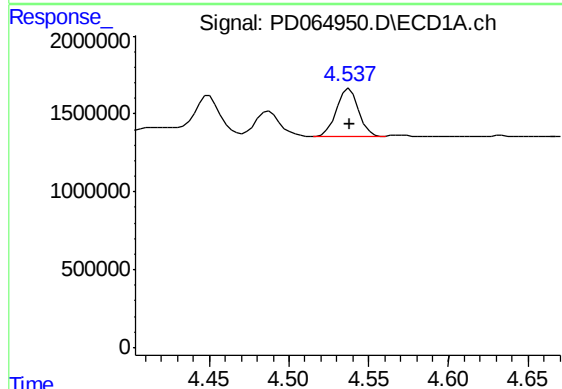
R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 3813461
Conc: 1.35 ng/ml

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



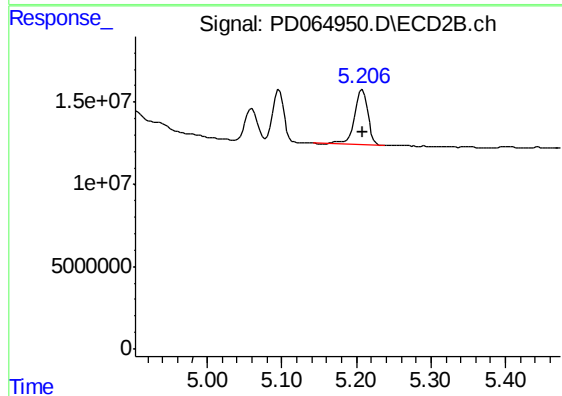
#3 gamma-BHC (Lindane)

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 36201088
Conc: 1.26 ng/ml



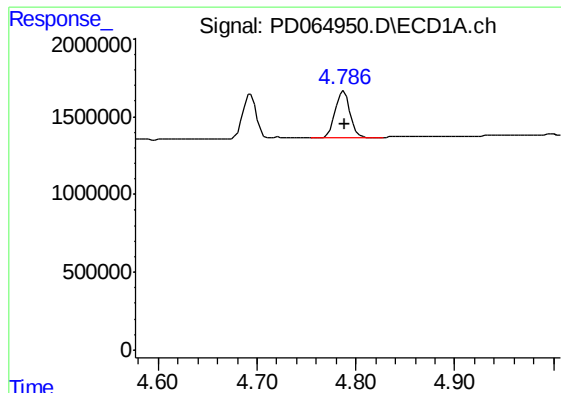
#4 Heptachlor

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 3066174
Conc: 1.05 ng/ml



#4 Heptachlor

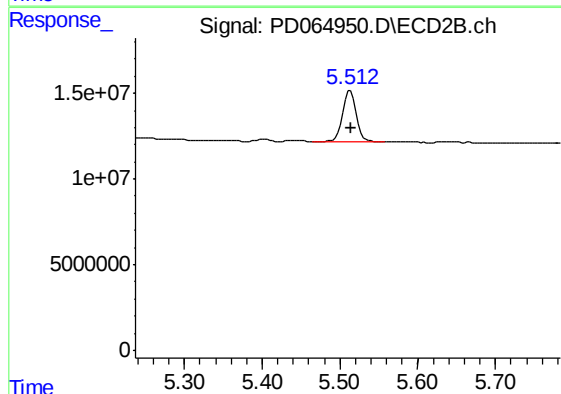
R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 41953883
Conc: 1.41 ng/ml



#5 Aldrin

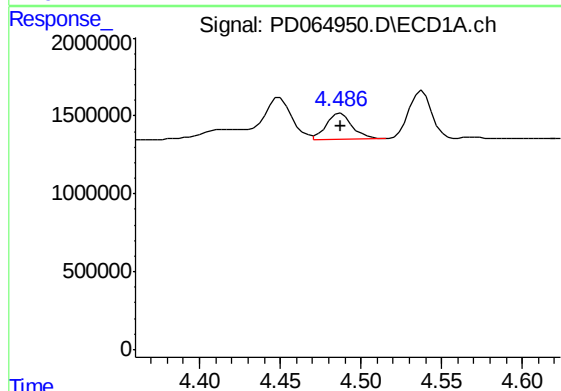
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 3093398
Conc: 1.07 ng/ml

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



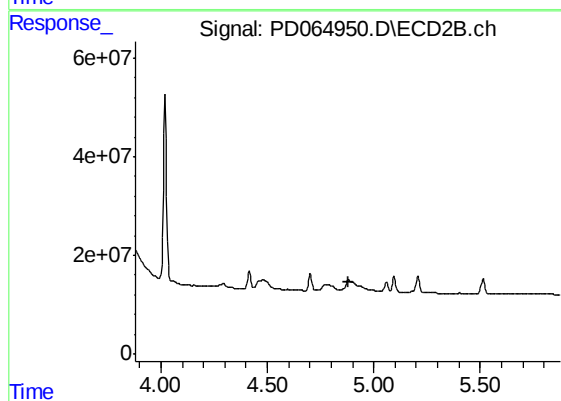
#5 Aldrin

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 36590695
Conc: 1.30 ng/ml



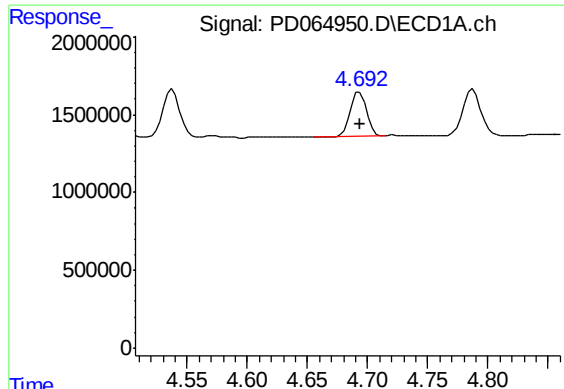
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 1849649
Conc: 1.49 ng/ml



#6 beta-BHC

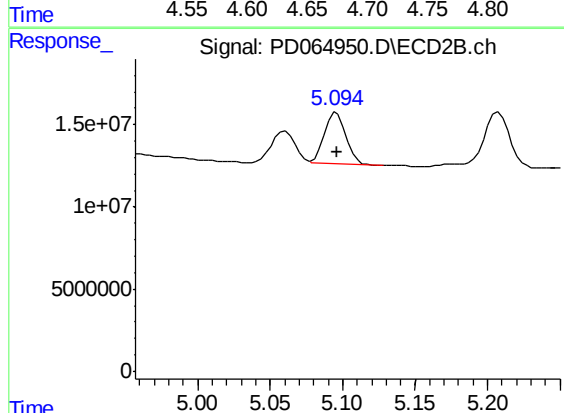
R.T.: 4.880 min
Delta R.T.: 0.002 min
Response: 31336570
Conc: N.D.



#7 delta-BHC

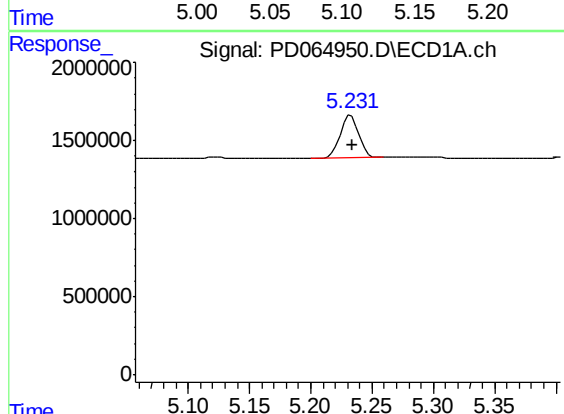
R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 2652452
Conc: 0.95 ng/ml

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



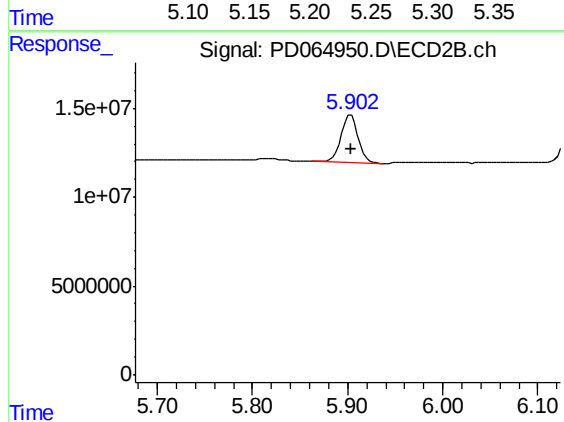
#7 delta-BHC

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 32495166
Conc: 1.15 ng/ml



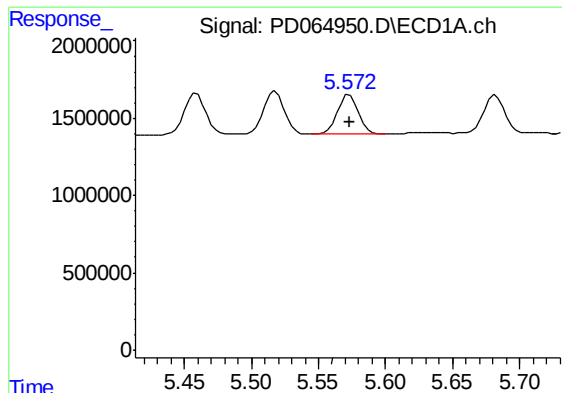
#8 Heptachlor epoxide

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 2899004
Conc: 1.08 ng/ml



#8 Heptachlor epoxide

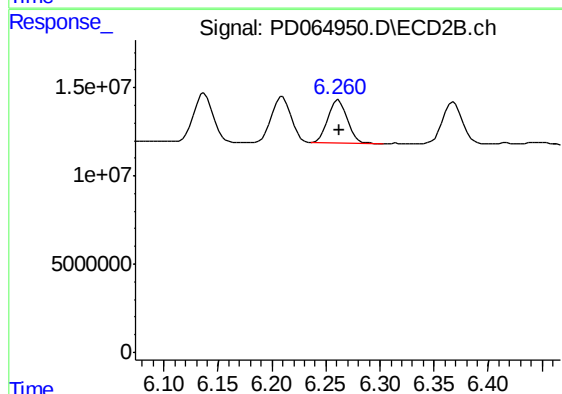
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 34141989
Conc: 1.34 ng/ml



#9 Endosulfan I

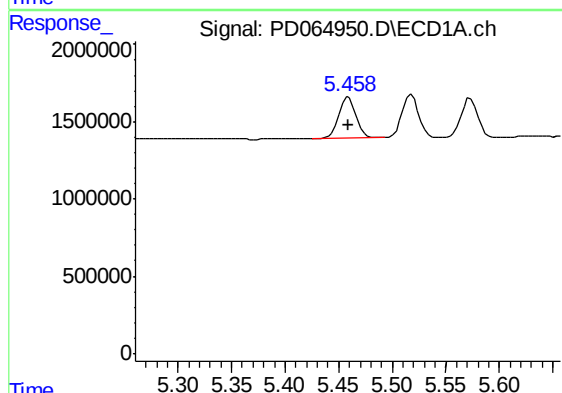
R.T.: 5.573 min
Delta R.T.: 0.000 min
Response: 2719983
Conc: 1.07 ng/ml

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



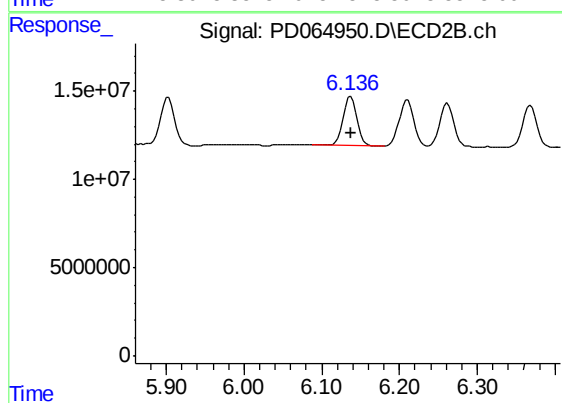
#9 Endosulfan I

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 31200332
Conc: 1.32 ng/ml



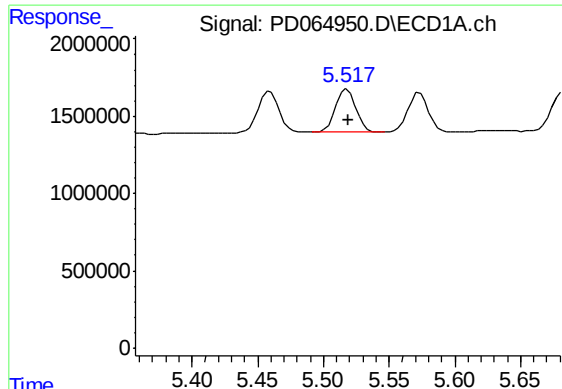
#10 gamma-Chlordane

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 2920309
Conc: 1.06 ng/ml



#10 gamma-Chlordane

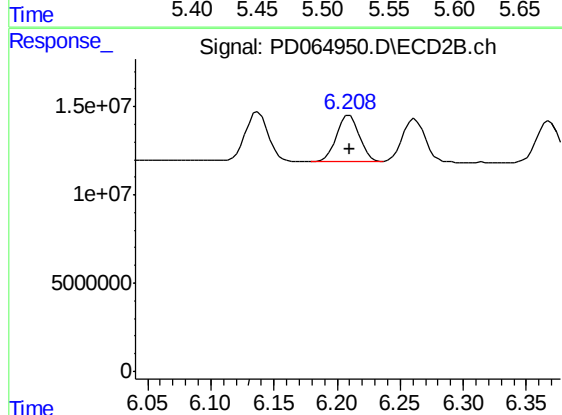
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 35230642
Conc: 1.35 ng/ml



#11 alpha-Chlordane

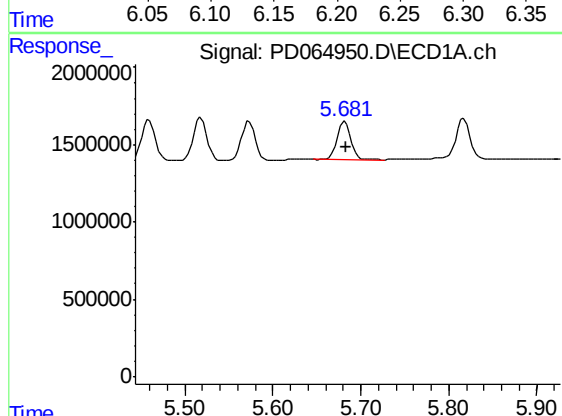
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 3064292
Conc: 1.12 ng/ml

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



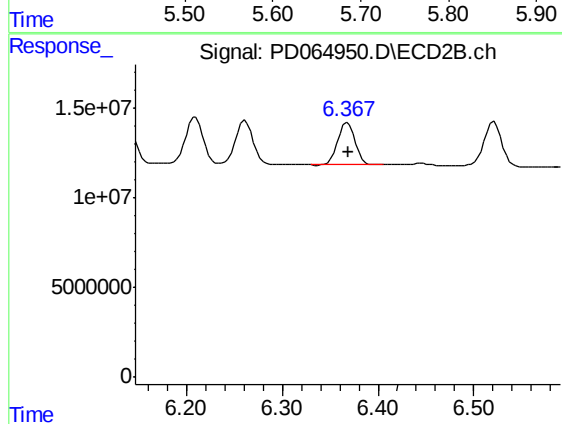
#11 alpha-Chlordane

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 33505957
Conc: 1.32 ng/ml



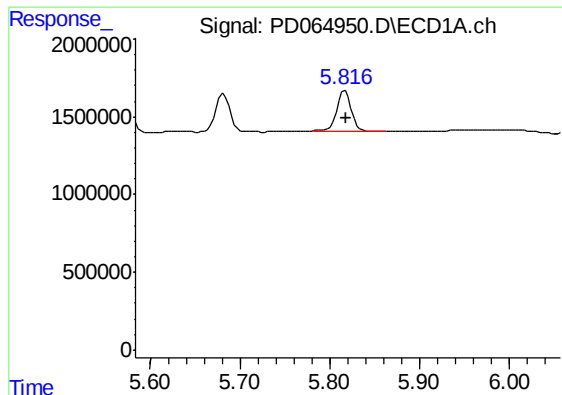
#12 4,4'-DDE

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 2677187
Conc: 1.02 ng/ml



#12 4,4'-DDE

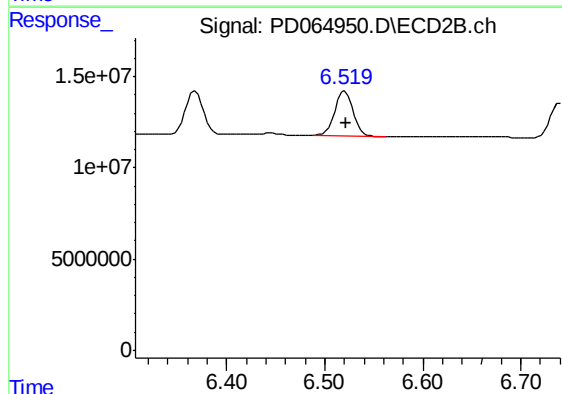
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 29485098
Conc: 1.21 ng/ml



#13 Dielddrin

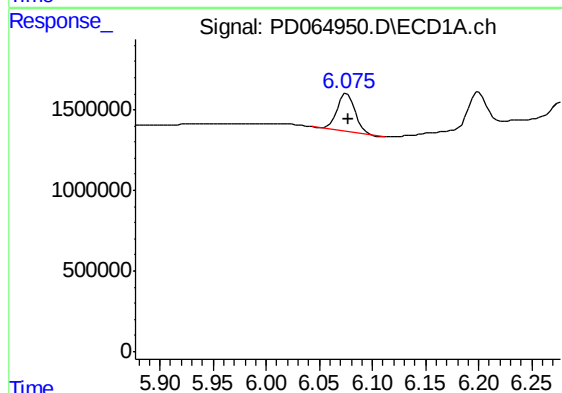
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 2863204
Conc: 1.05 ng/ml

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



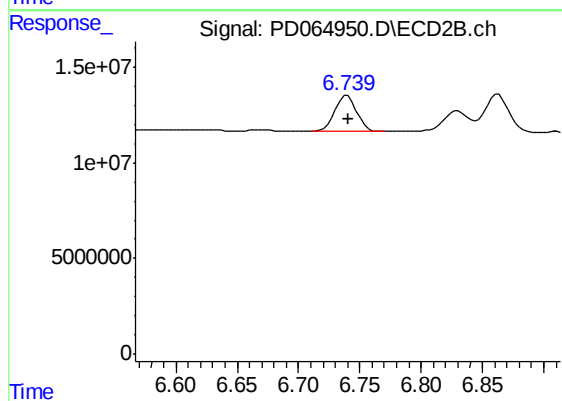
#13 Dielddrin

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 31160452
Conc: 1.26 ng/ml



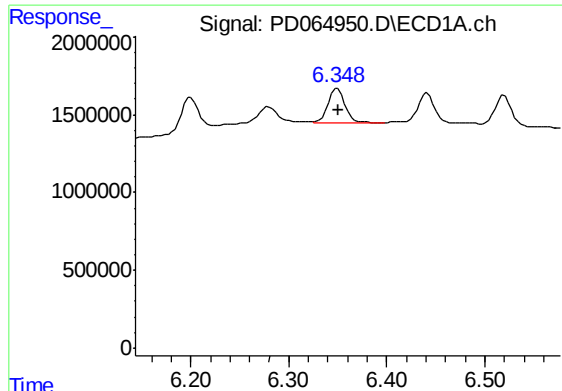
#14 Endrin

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 2740645
Conc: 1.14 ng/ml



#14 Endrin

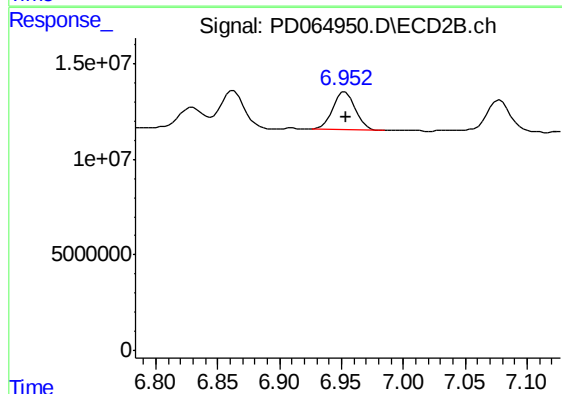
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 23249505
Conc: 1.19 ng/ml



#15 Endosulfan II

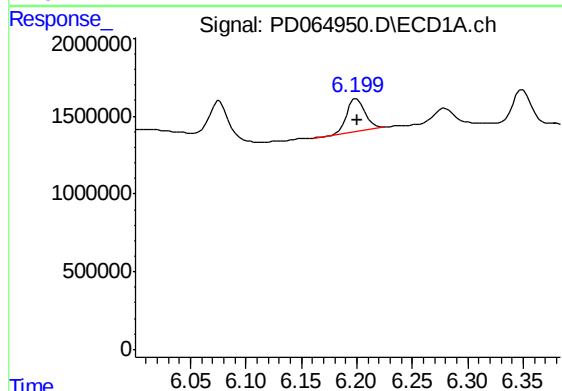
R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 2718815
Conc: 1.19 ng/ml

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



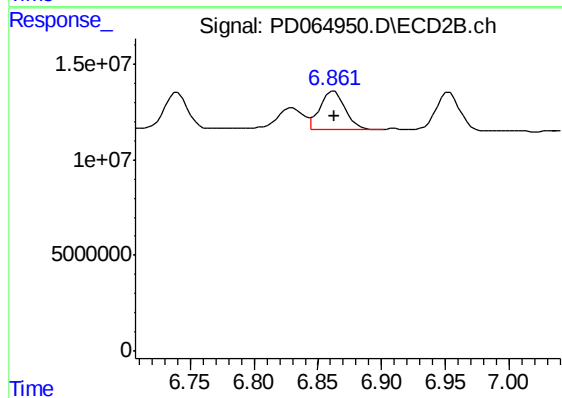
#15 Endosulfan II

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 25397980
Conc: 1.32 ng/ml



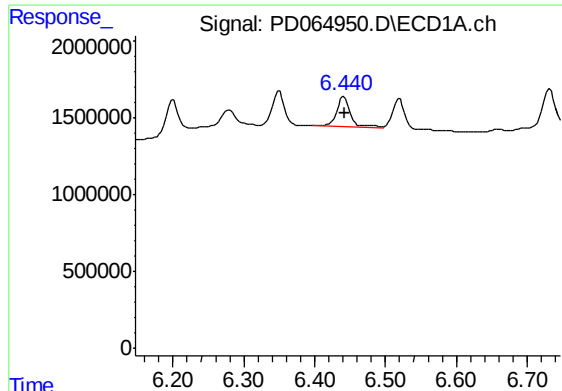
#16 4,4'-DDD

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 2344491
Conc: 1.02 ng/ml



#16 4,4'-DDD

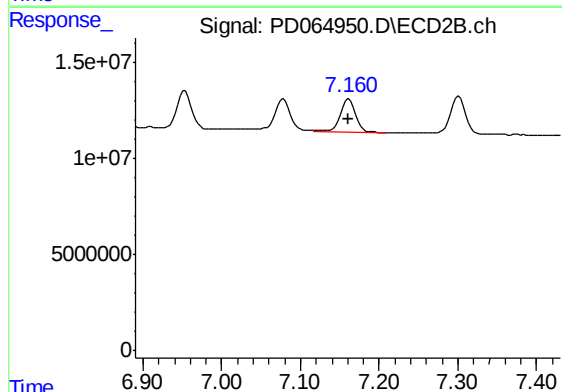
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 27248244
Conc: 1.43 ng/ml



#17 4,4'-DDT

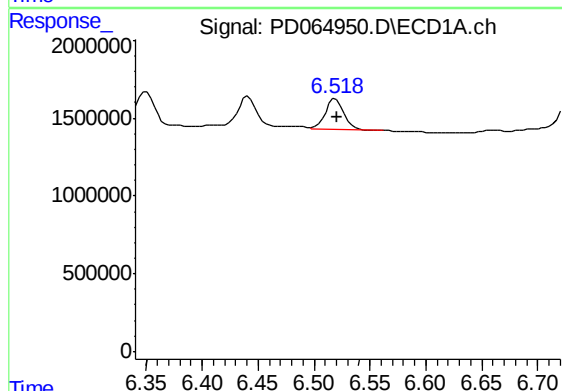
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 2597032
Conc: 1.08 ng/ml

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



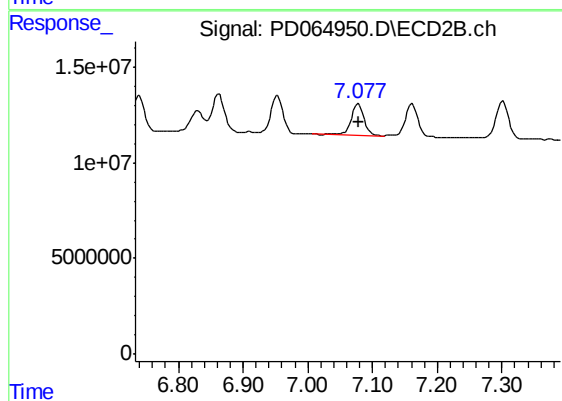
#17 4,4'-DDT

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 22817286
Conc: 1.15 ng/ml



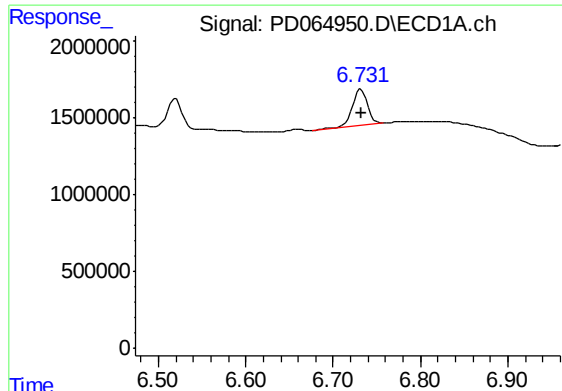
#18 Endrin aldehyde

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 2257782
Conc: 1.23 ng/ml



#18 Endrin aldehyde

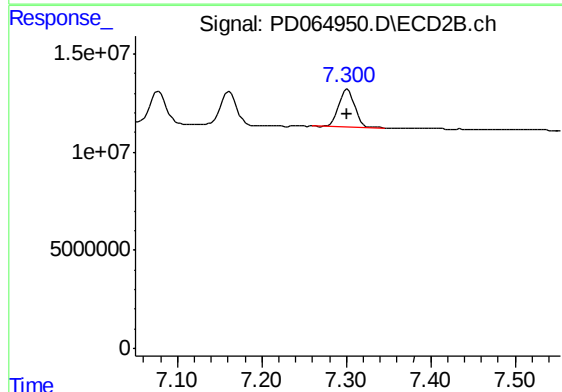
R.T.: 7.078 min
Delta R.T.: 0.000 min
Response: 22455304
Conc: 1.43 ng/ml



#19 Endosulfan Sulfate

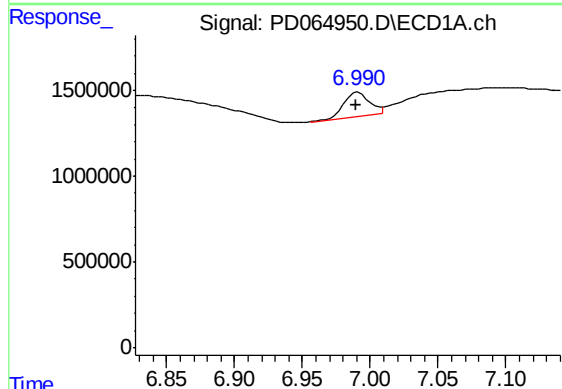
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2822806
Conc: 1.22 ng/ml

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



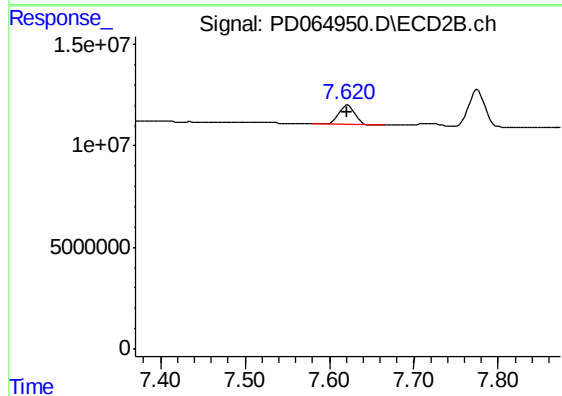
#19 Endosulfan Sulfate

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 25432324
Conc: 1.32 ng/ml



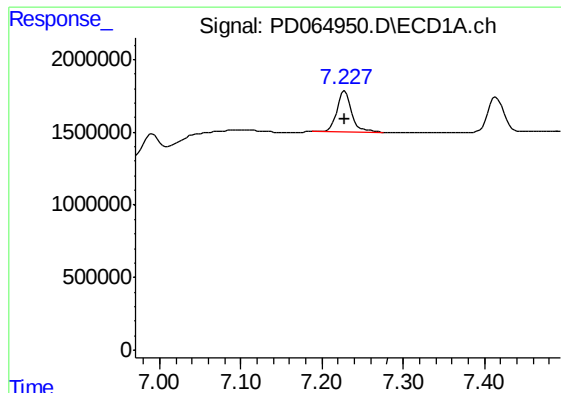
#20 Methoxychlor

R.T.: 6.991 min
Delta R.T.: 0.001 min
Response: 1835405
Conc: 1.31 ng/ml



#20 Methoxychlor

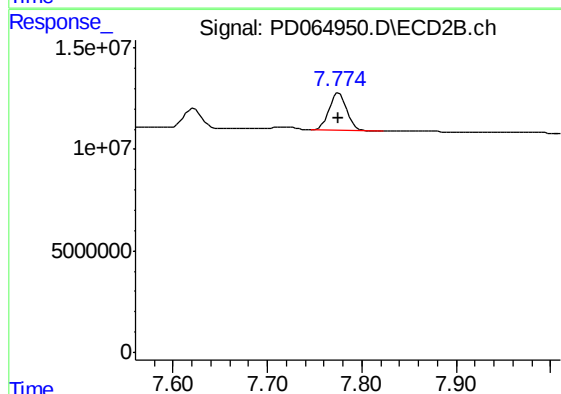
R.T.: 7.622 min
Delta R.T.: 0.000 min
Response: 12387823
Conc: 1.30 ng/ml



#21 Endrin ketone

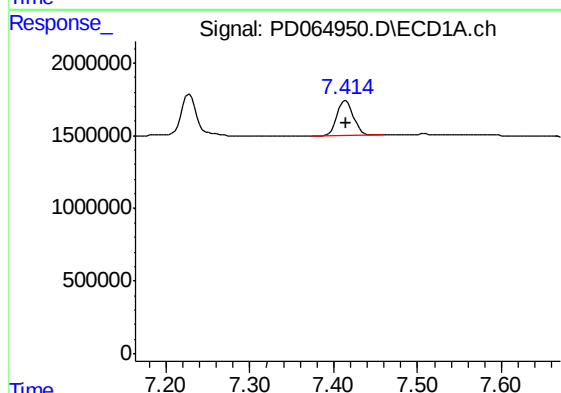
R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 3588528
Conc: 1.25 ng/ml

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



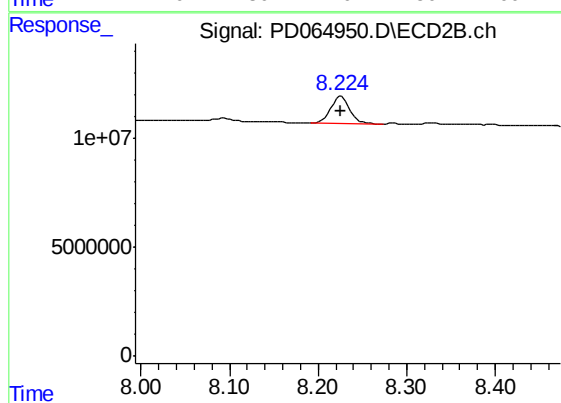
#21 Endrin ketone

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 24949650
Conc: 1.31 ng/ml



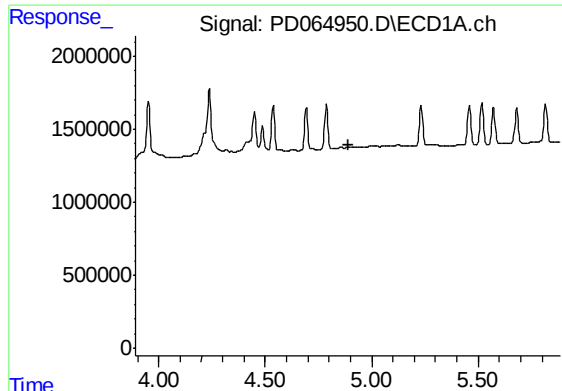
#22 Mirex

R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 3226415
Conc: 1.45 ng/ml



#22 Mirex

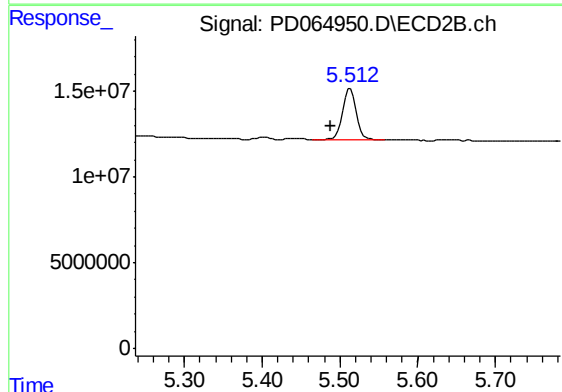
R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 18333445
Conc: 1.45 ng/ml



#24 Chlordane-2

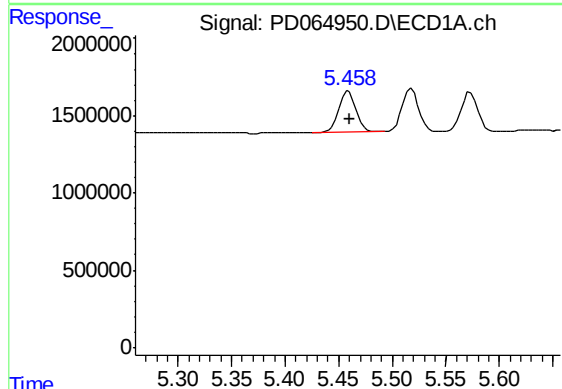
R.T.: 0.000 min
Exp R.T.: 4.890 min
Response: 0
Conc: N.D.

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



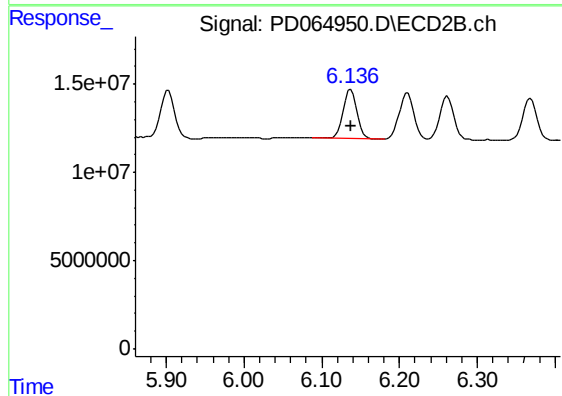
#24 Chlordane-2

R.T.: 5.514 min
Delta R.T.: 0.025 min
Response: 36590695
Conc: 44.04 ng/ml



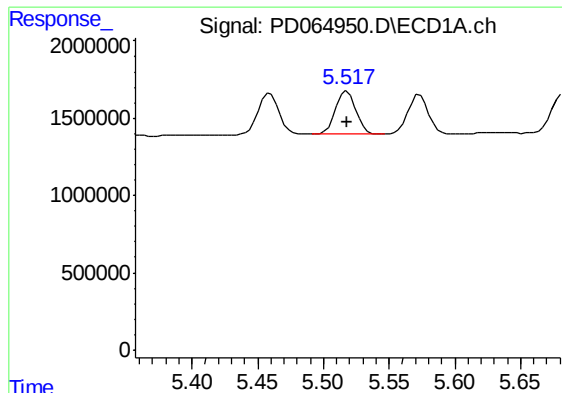
#25 Chlordane-3

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 2920309
Conc: 11.31 ng/ml



#25 Chlordane-3

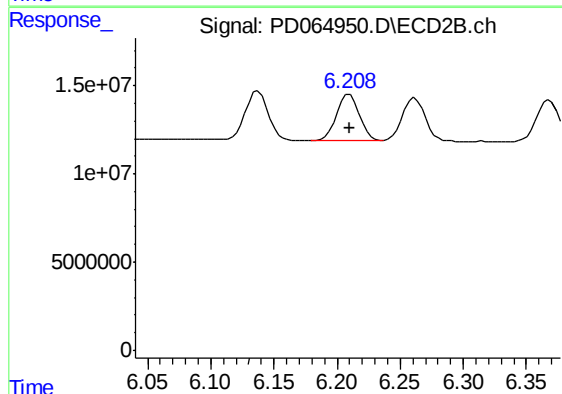
R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 35230642
Conc: 10.50 ng/ml



#26 Chlordane-4

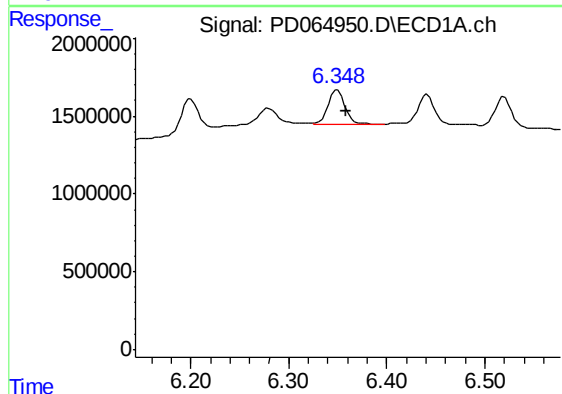
R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 3064292
Conc: 14.73 ng/ml

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



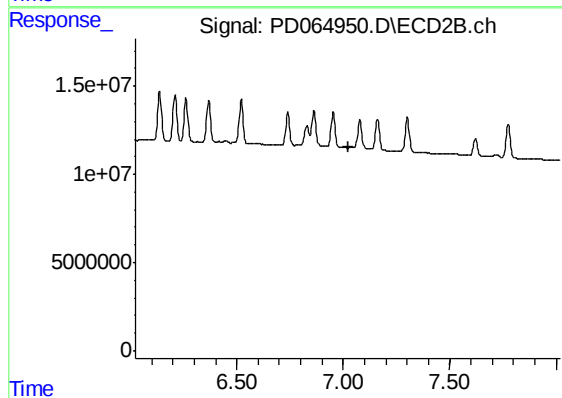
#26 Chlordane-4

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 33505957
Conc: 8.62 ng/ml



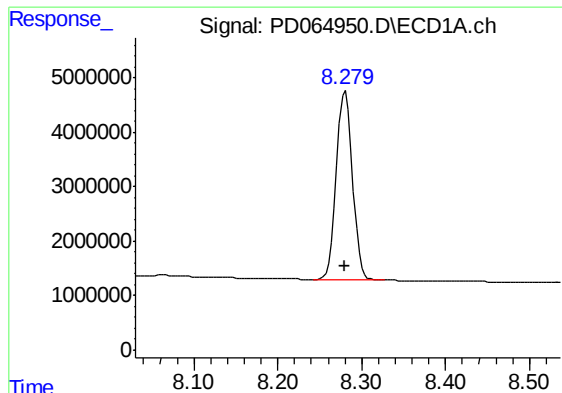
#27 Chlordane-5

R.T.: 6.350 min
Delta R.T.: -0.009 min
Response: 2718815
Conc: 28.95 ng/ml



#27 Chlordane-5

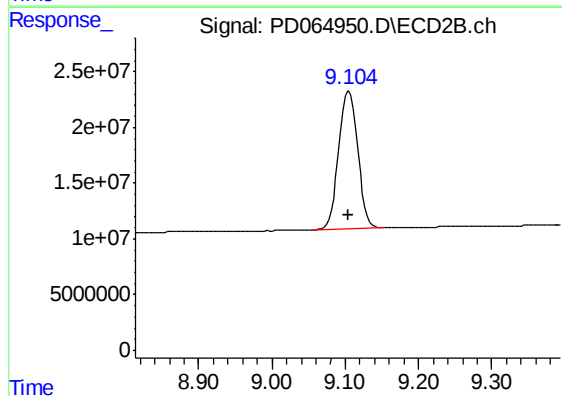
R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 46459080
Conc: 18.90 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: 222611905
Conc: 20.03 ng/ml