

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089131.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 15:14
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:39:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.881	46812856	298.5E6	16.408	17.605
28)	SA Decachlor...	9.072	8.072	71562410	373.2E6	18.220	18.878
Target Compounds							
2)	A alpha-BHC	3.999	3.393	4290450	27380101	0.736	1.022 #
3)	MA gamma-BHC...	4.330	3.730	5684703	26333223	1.018	1.064
4)	MA Heptachlor	4.929	4.083	4880570	26374876	0.895	1.053
5)	MB Aldrin	5.271	4.369	4530381	24780142	0.853	1.023
6)	B beta-BHC	4.516	4.025	2204629	13331773	0.999	1.241
7)	B delta-BHC	4.764	4.262	5611878	27202993	1.093	1.094
8)	B Heptachlo...	5.690	4.872	5350736	24377163	1.109	1.113
9)	A Endosulfan I	6.074	5.247	4390055	26627000	0.974	1.278 #
10)	B gamma-Chl...	5.945	5.125	4265777	37691492	0.891	1.576 #
11)	B alpha-Chl...	6.026	5.190	4677248	30181699	0.967	1.318 #
12)	B 4,4'-DDE	6.195	5.375	3709228	24755113	0.851	1.080 #
13)	MA Dieldrin	6.346	5.512	4422925	24610823	0.922	1.060
14)	MA Endrin	6.573	5.790	3522186	27511885	0.854	1.267 #
15)	B Endosulfa...	6.785	6.080	4340270	22899602	1.075	1.134
16)	A 4,4'-DDD	6.704	5.929	3091015	22155310	0.901	1.158 #
17)	MA 4,4'-DDT	7.020	6.183	3008439	17728574	0.794	0.874
18)	B Endrin al...	6.914	6.259	3272832	18103210	1.068	1.182
19)	B Endosulfa...	7.149	6.482	3879451	22493630	1.011	1.146
20)	A Methoxychlor	7.493	6.754	1872958	10413820	0.927	0.967
21)	B Endrin ke...	7.630	6.991	3888339	25442691	0.955	1.178
22)	Mirex	8.114	7.185	3197923	19121538	1.052	1.147
23)	Chlordane-1	0.000	3.883f	0	956050	N.D.	1.026 #
24)	Chlordane-2	5.271f	4.455f	4530381	3005083	20.752	3.158 #
25)	Chlordane-3	5.945	5.125	4265777	37691492	4.946	12.690 #
26)	Chlordane-4	6.026	5.190	4677248	30181699	4.452	12.040 #
27)	Chlordane-5	0.000	6.080	0	22899602	N.D.	20.235 #

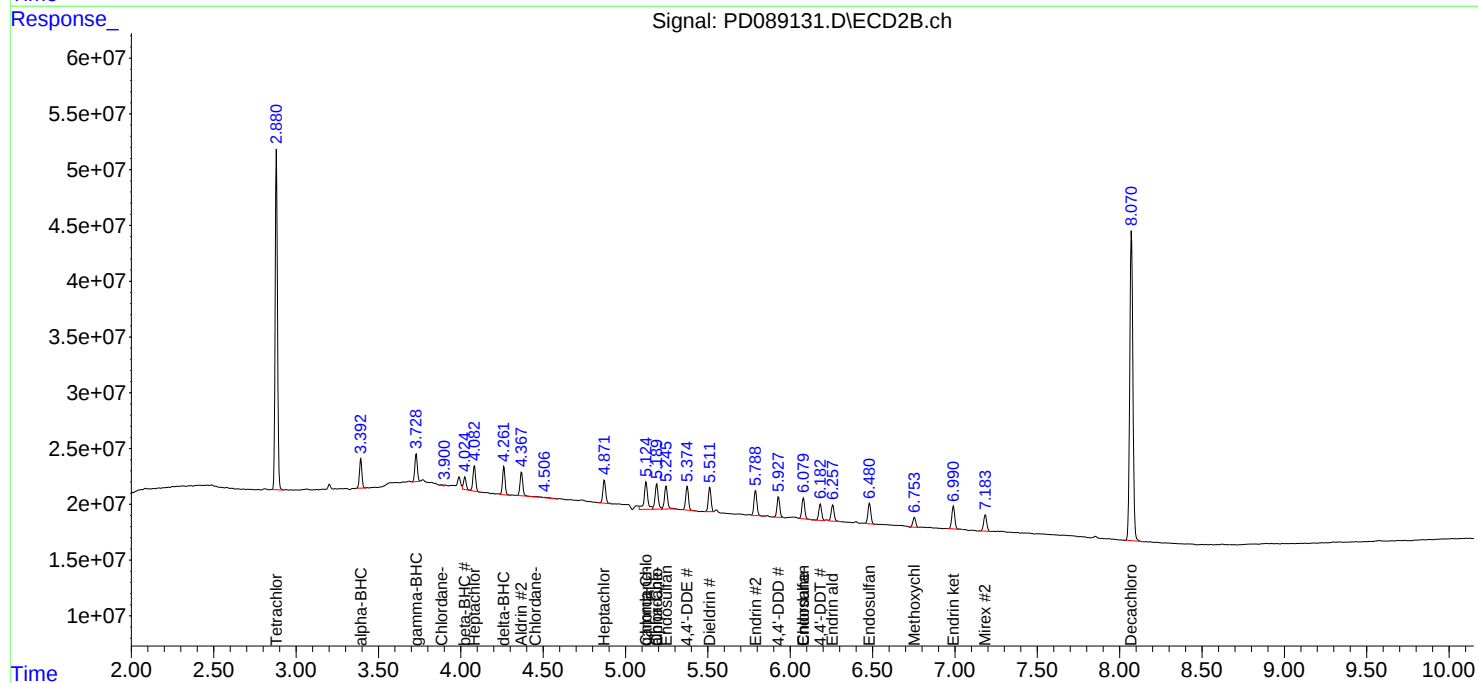
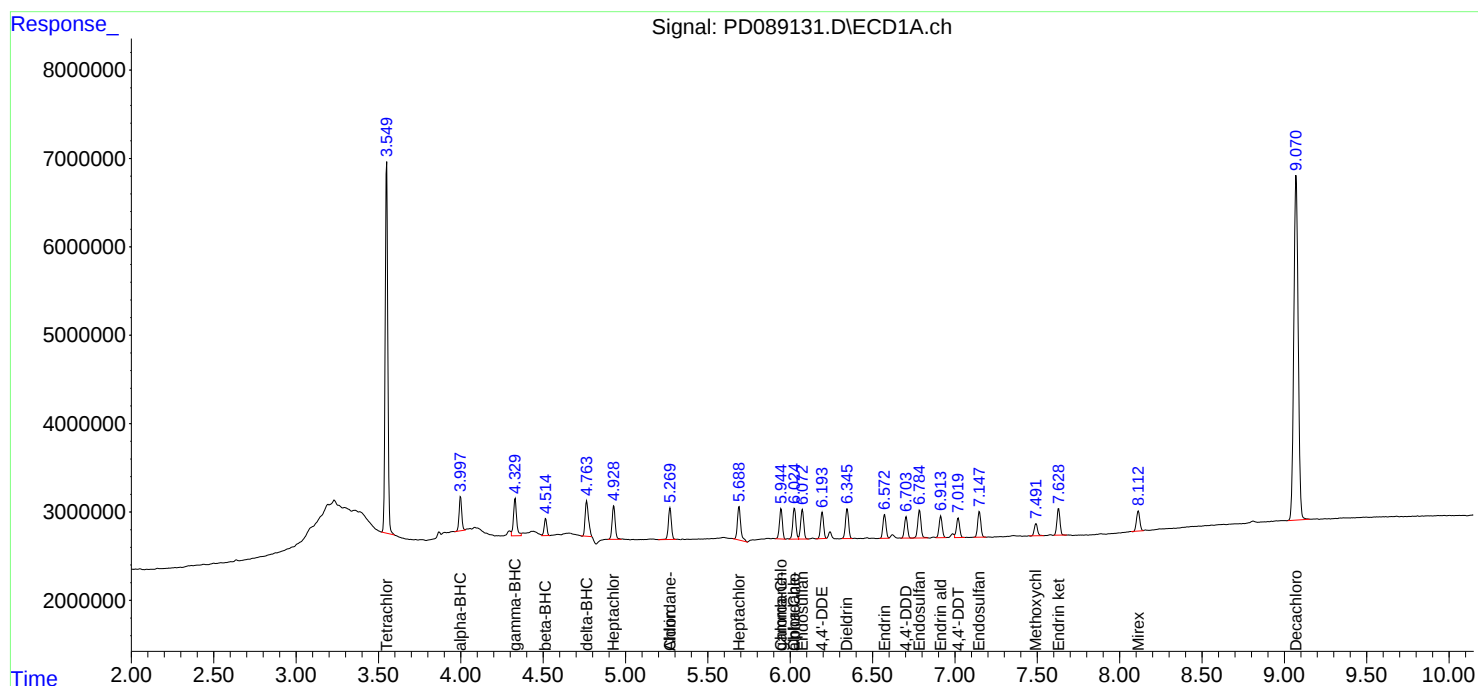
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

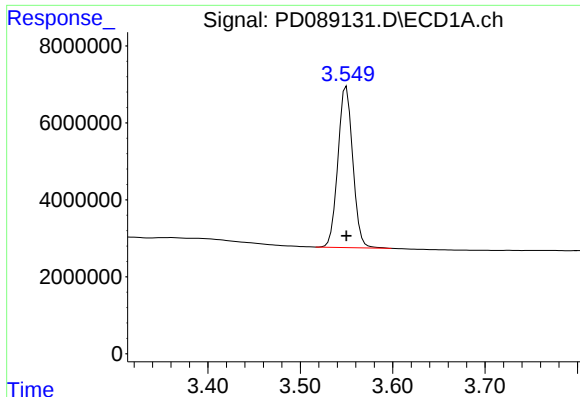
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
Data File : PD089131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 15:14
Operator : AR\AJ
Sample : Q2126-01
Misc : PEST LOD 1PPB SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 06:39:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

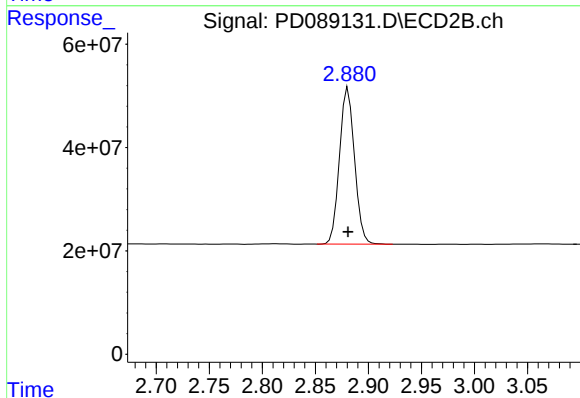




#1 Tetrachloro-m-xylene

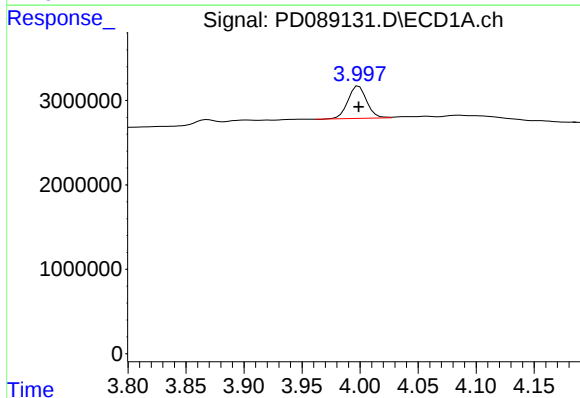
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 46812856
Conc: 16.41 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-03-QT2-2025



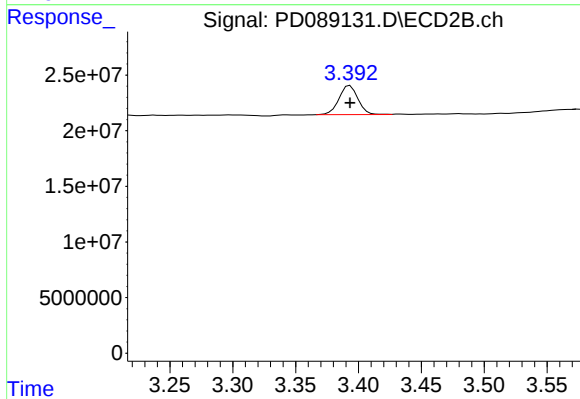
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 298468363
Conc: 17.61 ng/ml



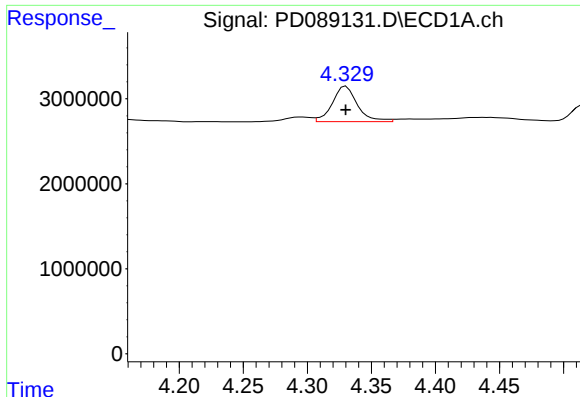
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 4290450
Conc: 0.74 ng/ml



#2 alpha-BHC

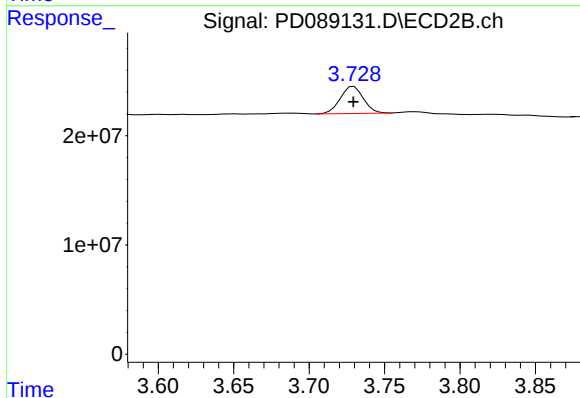
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 27380101
Conc: 1.02 ng/ml



#3 gamma-BHC (Lindane)

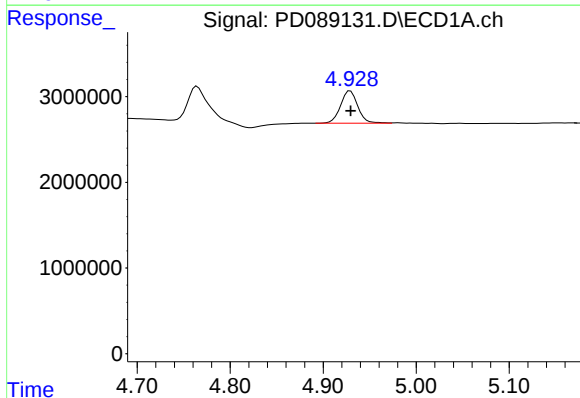
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 5684703
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



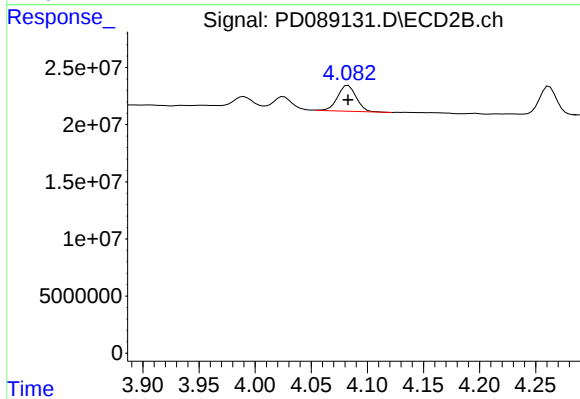
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 26333223
Conc: 1.06 ng/ml



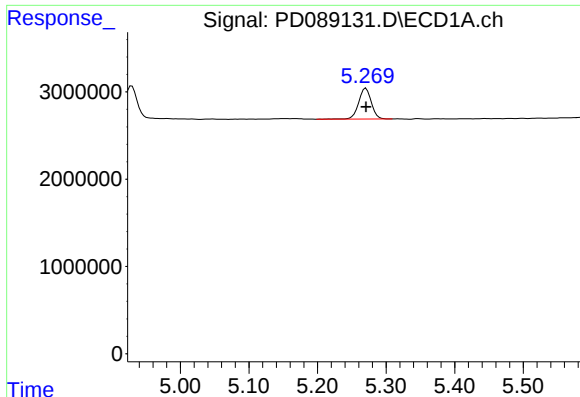
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 4880570
Conc: 0.90 ng/ml



#4 Heptachlor

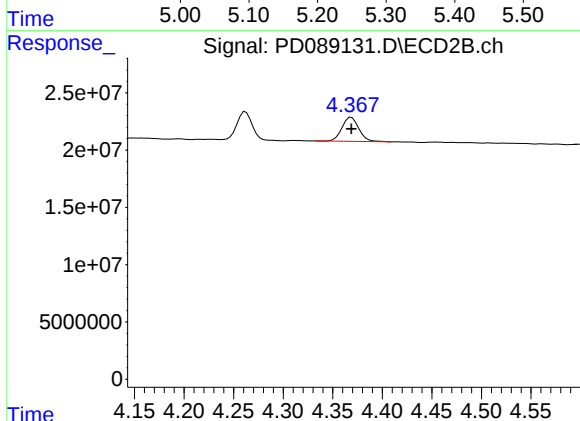
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 26374876
Conc: 1.05 ng/ml



#5 Aldrin

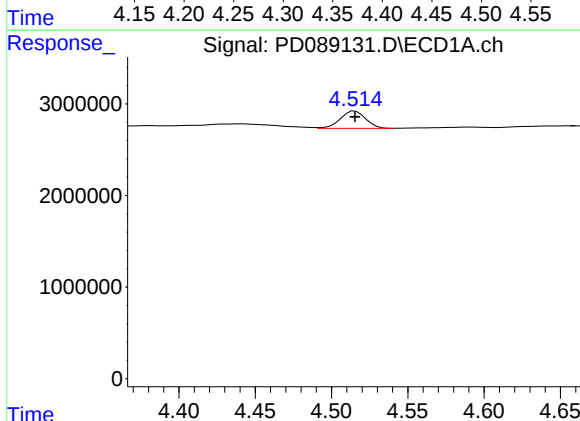
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 4530381
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



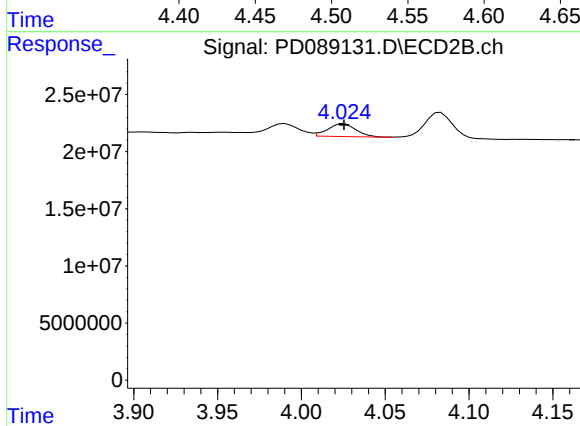
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 24780142
Conc: 1.02 ng/ml



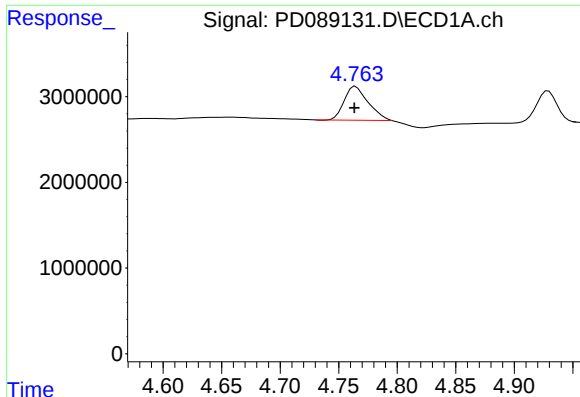
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2204629
Conc: 1.00 ng/ml



#6 beta-BHC

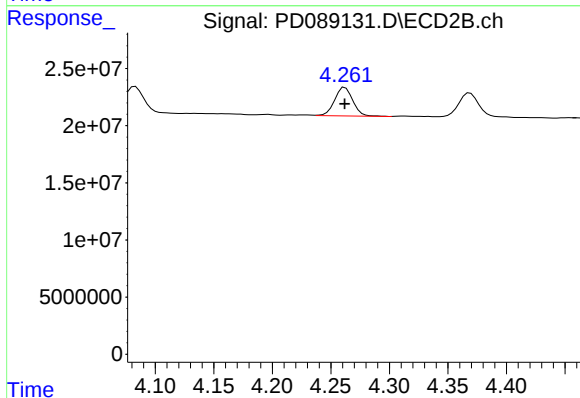
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 13331773
Conc: 1.24 ng/ml



#7 delta-BHC

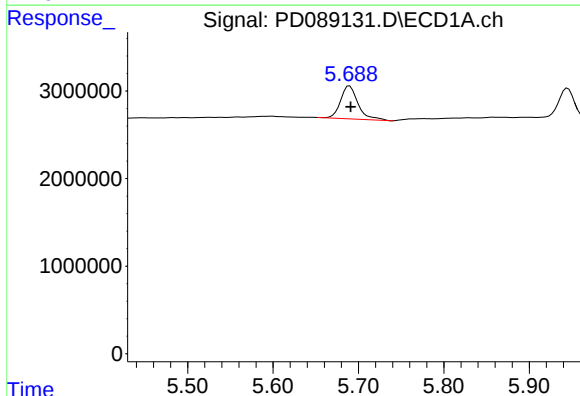
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 5611878
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



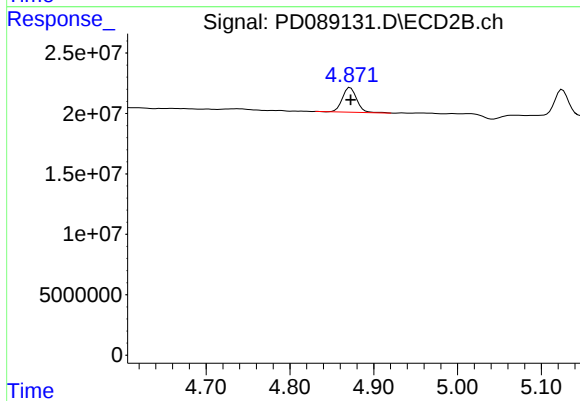
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 27202993
Conc: 1.09 ng/ml



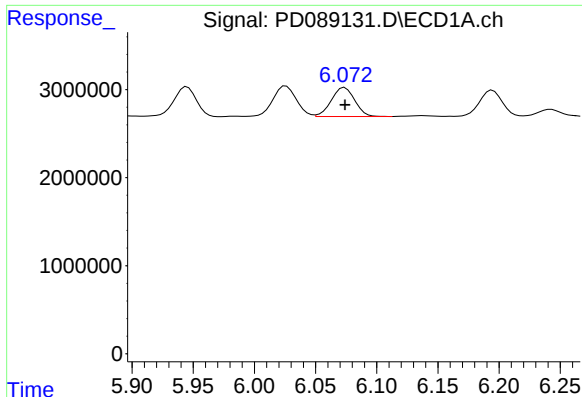
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 5350736
Conc: 1.11 ng/ml



#8 Heptachlor epoxide

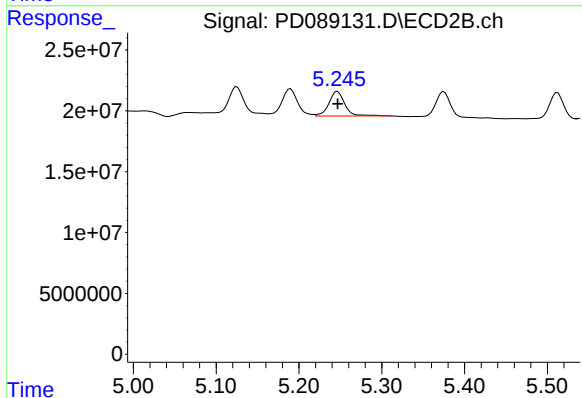
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 24377163
Conc: 1.11 ng/ml



#9 Endosulfan I

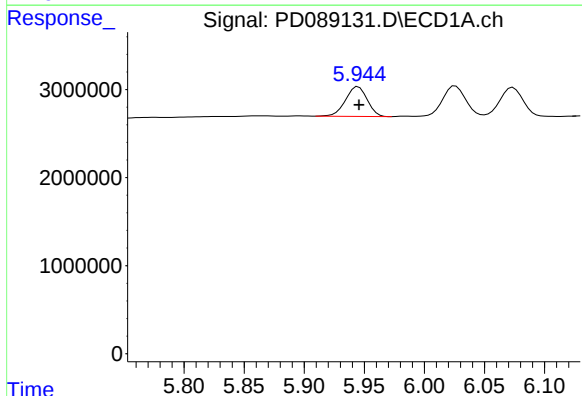
R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 4390055
Conc: 0.97 ng/ml

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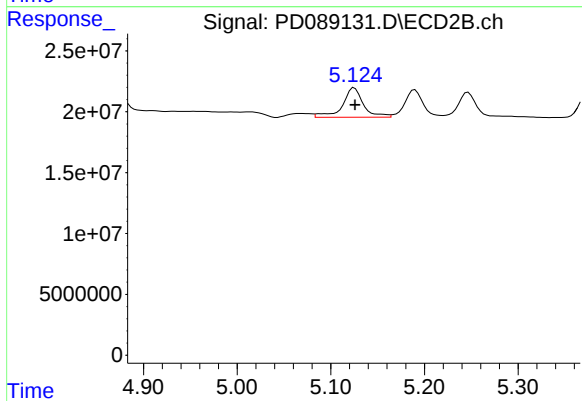
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 26627000
Conc: 1.28 ng/ml



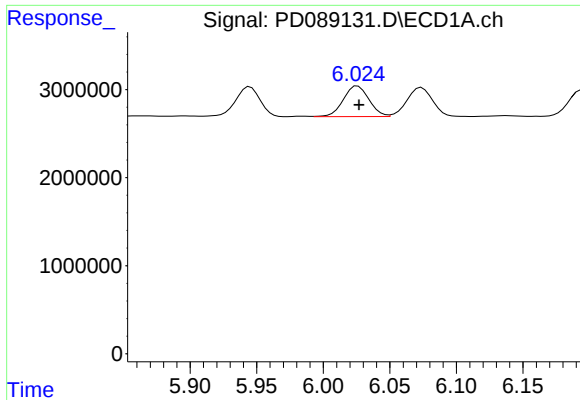
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4265777
Conc: 0.89 ng/ml



#10 gamma-Chlordane

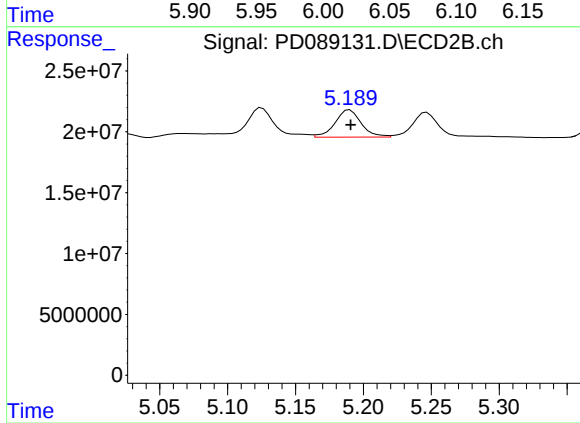
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 37691492
Conc: 1.58 ng/ml



#11 alpha-Chlordane

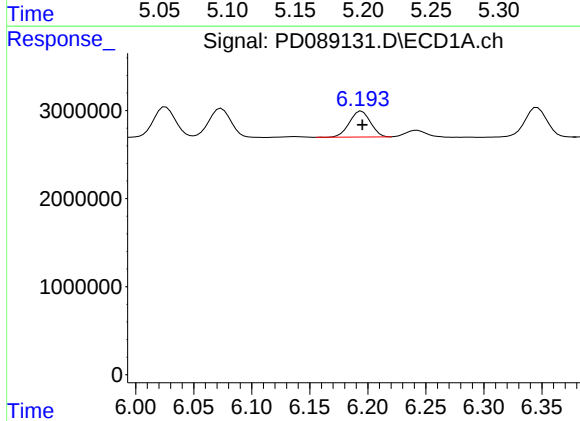
R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 4677248
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



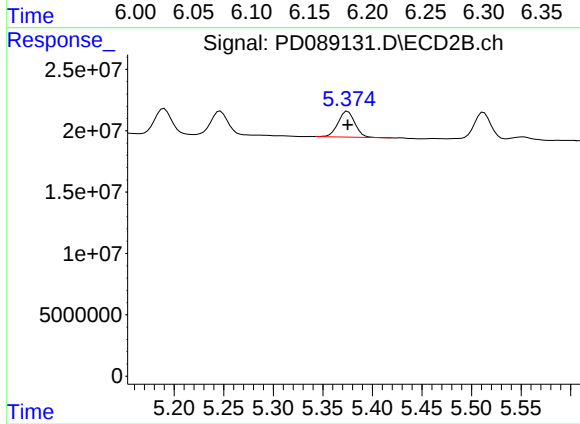
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 30181699
Conc: 1.32 ng/ml



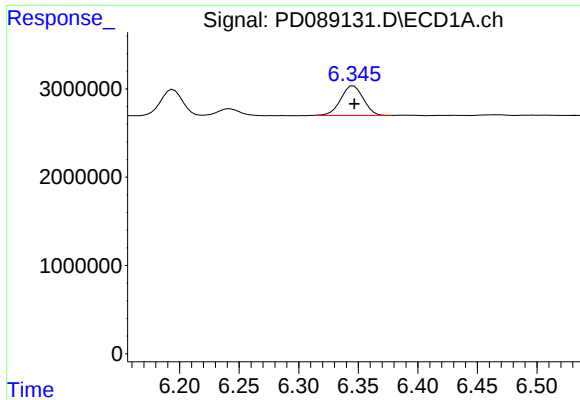
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 3709228
Conc: 0.85 ng/ml



#12 4,4'-DDE

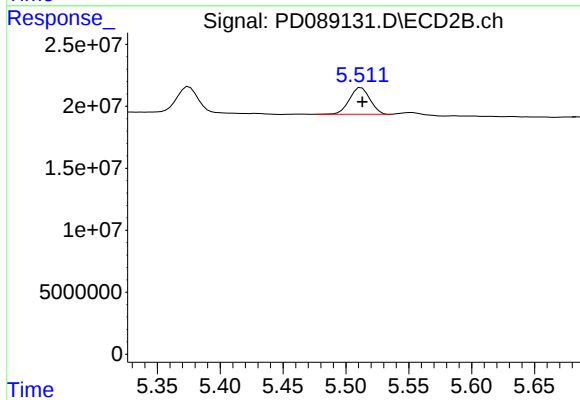
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 24755113
Conc: 1.08 ng/ml



#13 Dieldrin

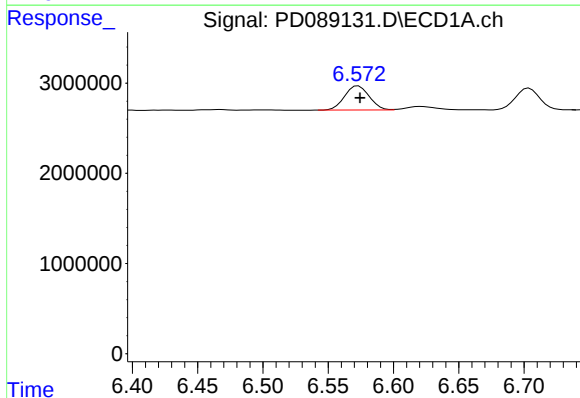
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 4422925
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



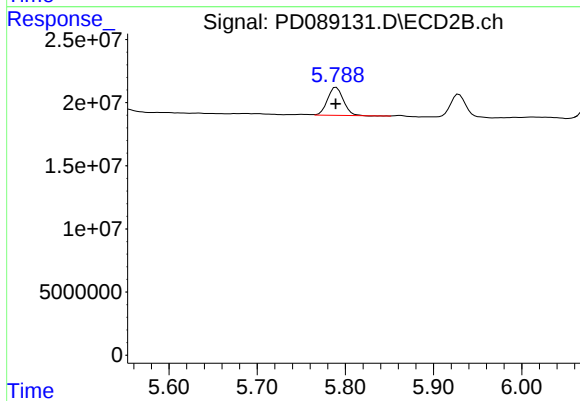
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 24610823
Conc: 1.06 ng/ml



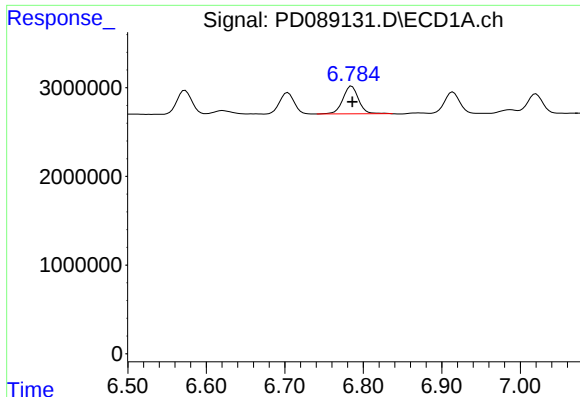
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 3522186
Conc: 0.85 ng/ml



#14 Endrin

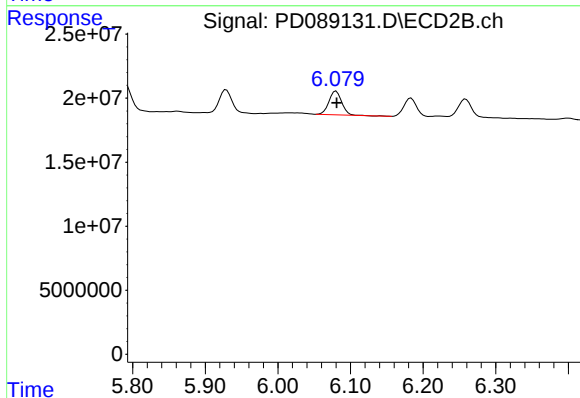
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 27511885
Conc: 1.27 ng/ml



#15 Endosulfan II

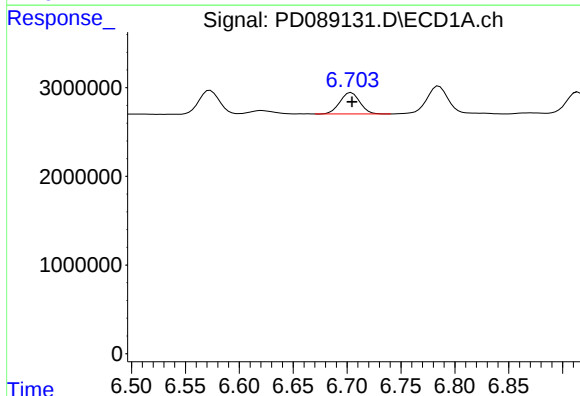
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 4340270
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



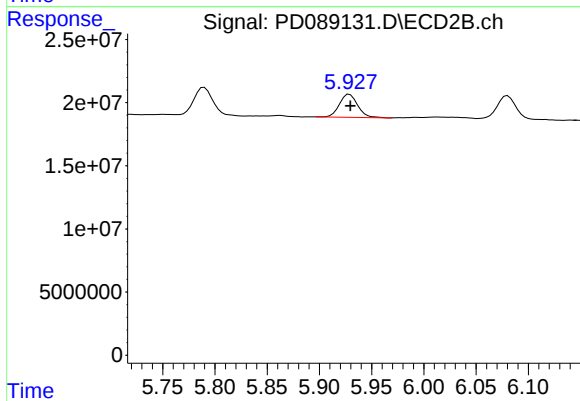
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 22899602
Conc: 1.13 ng/ml



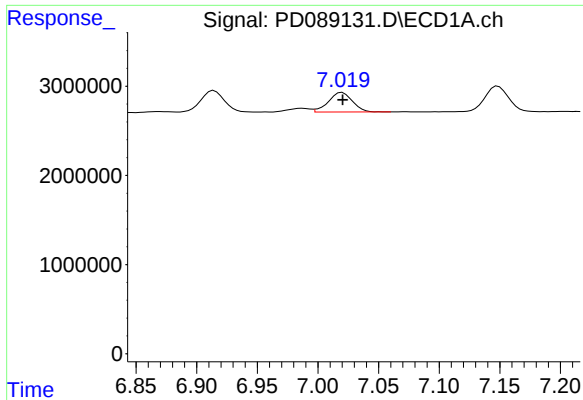
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 3091015
Conc: 0.90 ng/ml



#16 4,4'-DDD

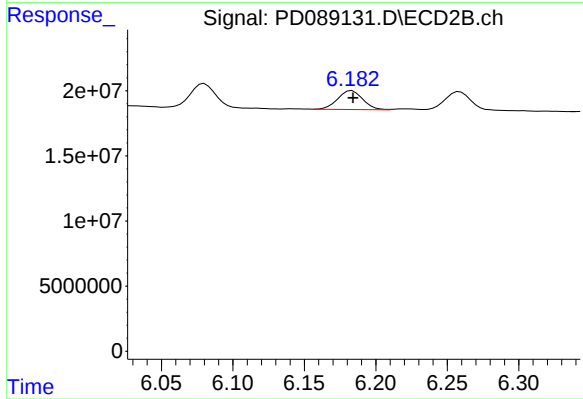
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 22155310
Conc: 1.16 ng/ml



#17 4,4'-DDT

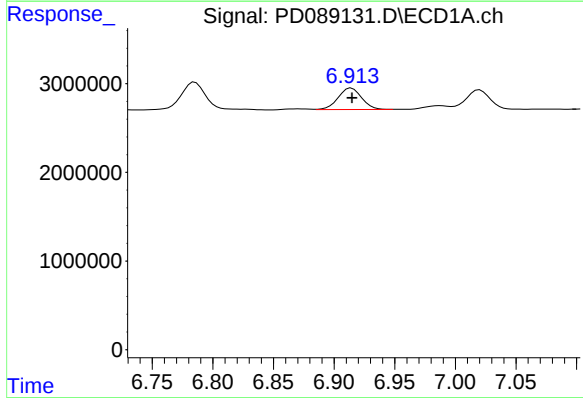
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 3008439
Conc: 0.79 ng/ml

Instrument :
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LOD-MDL-SOIL-03-QT2-2025



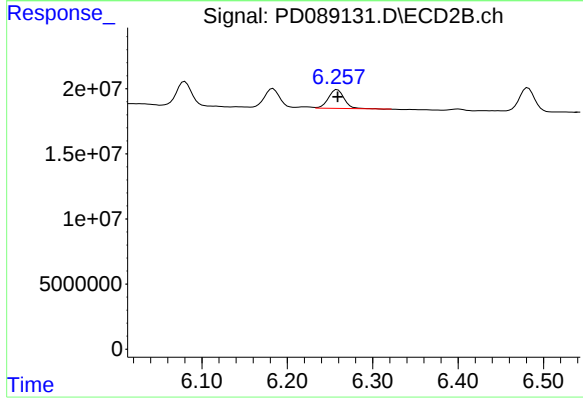
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 17728574
Conc: 0.87 ng/ml



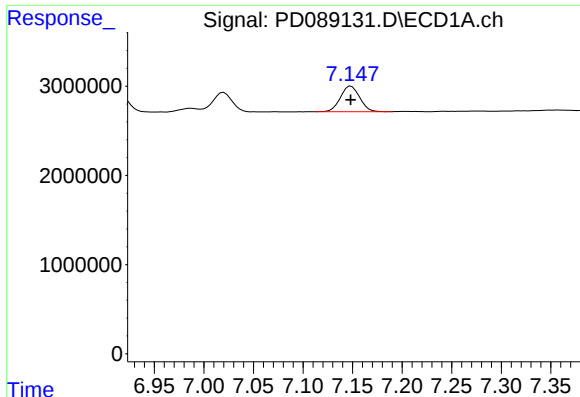
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 3272832
Conc: 1.07 ng/ml



#18 Endrin aldehyde

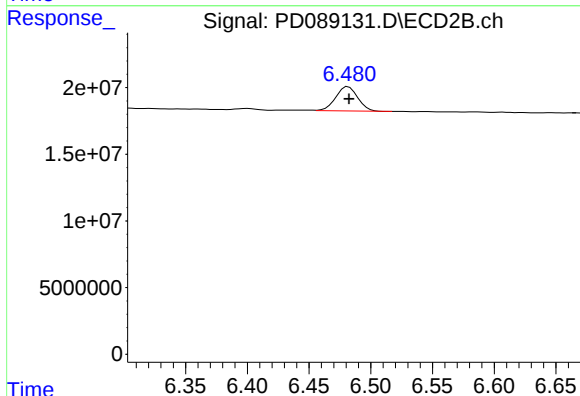
R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 18103210
Conc: 1.18 ng/ml



#19 Endosulfan Sulfate

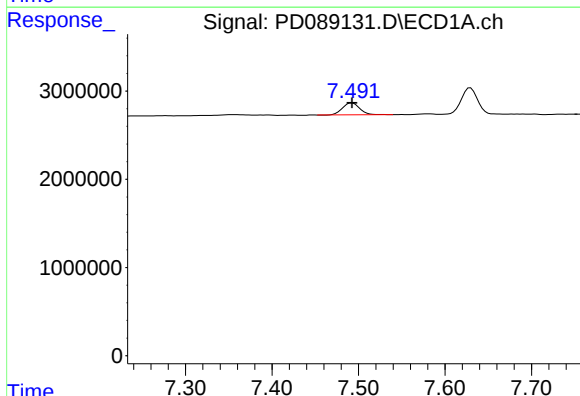
R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 3879451
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



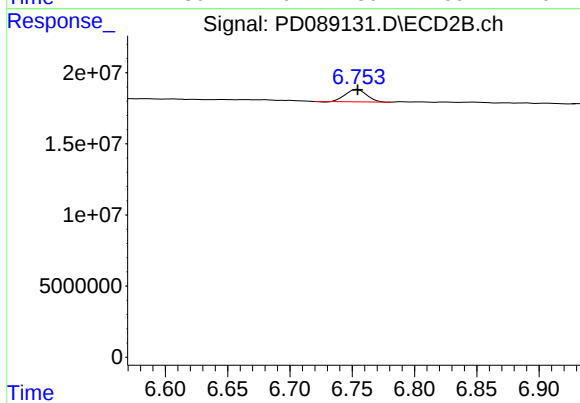
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 22493630
Conc: 1.15 ng/ml



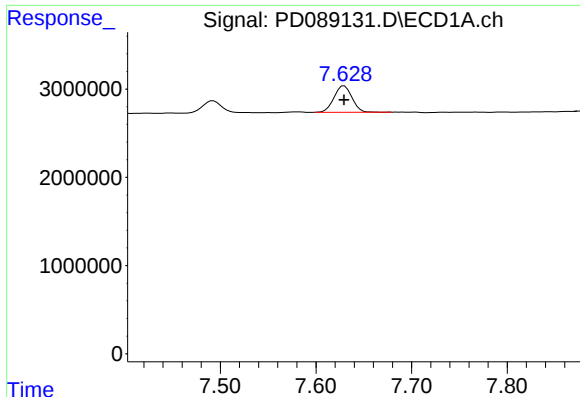
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 1872958
Conc: 0.93 ng/ml



#20 Methoxychlor

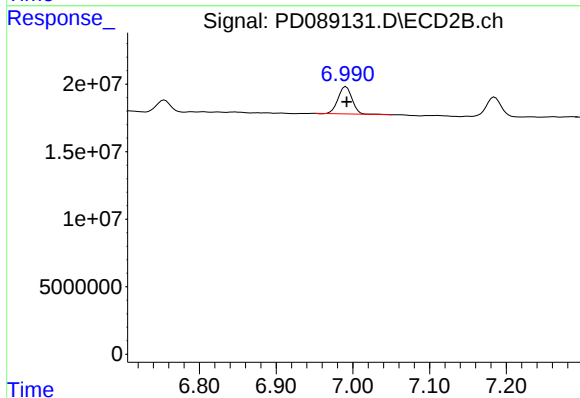
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 10413820
Conc: 0.97 ng/ml



#21 Endrin ketone

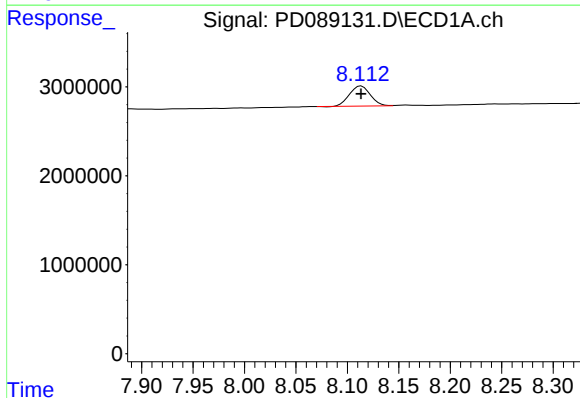
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 3888339
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



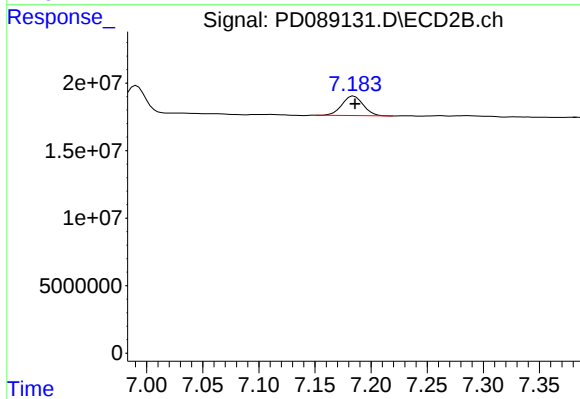
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 25442691
Conc: 1.18 ng/ml



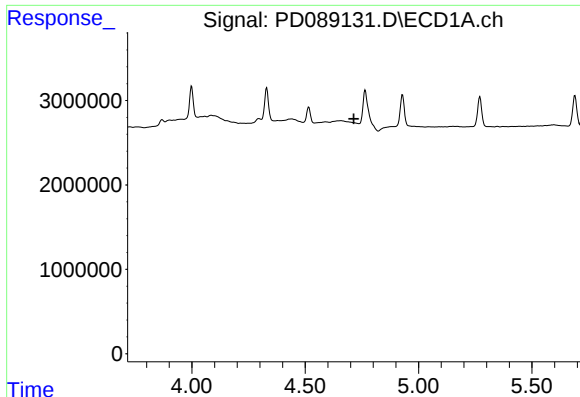
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 3197923
Conc: 1.05 ng/ml



#22 Mirex

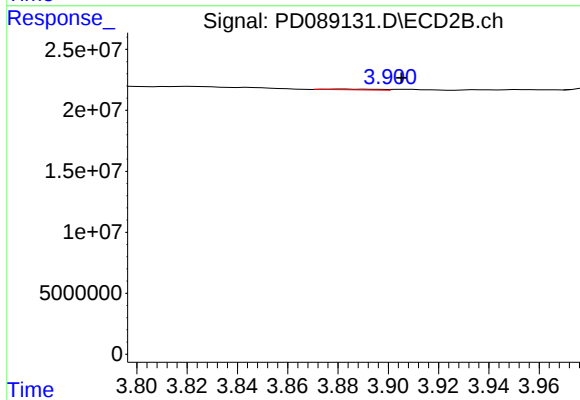
R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 19121538
Conc: 1.15 ng/ml



#23 Chlordane-1

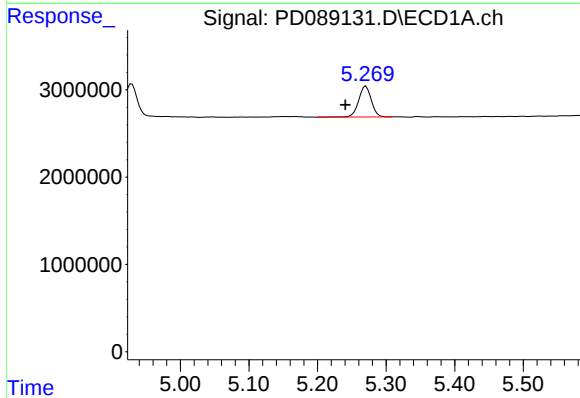
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



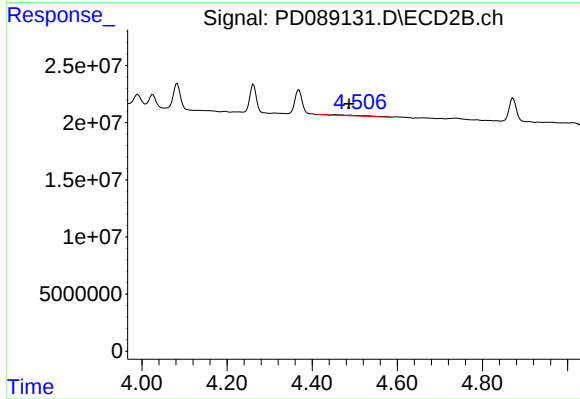
#23 Chlordane-1

R.T.: 3.883 min
Delta R.T.: -0.022 min
Response: 956050
Conc: 1.03 ng/ml



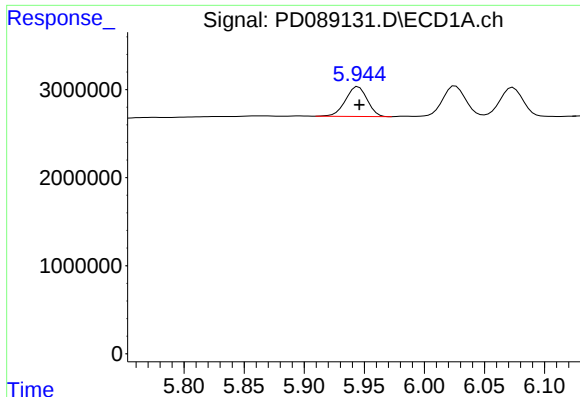
#24 Chlordane-2

R.T.: 5.271 min
Delta R.T.: 0.030 min
Response: 4530381
Conc: 20.75 ng/ml



#24 Chlordane-2

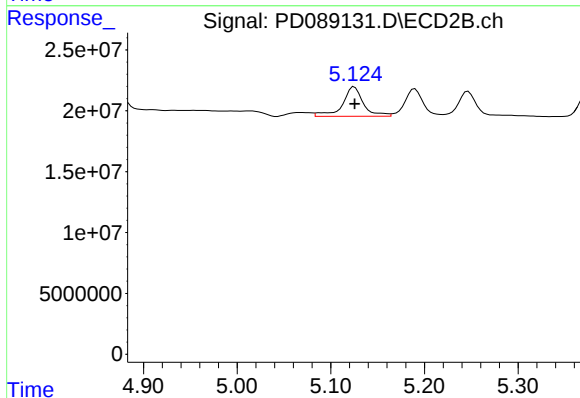
R.T.: 4.455 min
Delta R.T.: -0.032 min
Response: 3005083
Conc: 3.16 ng/ml



#25 Chlordane-3

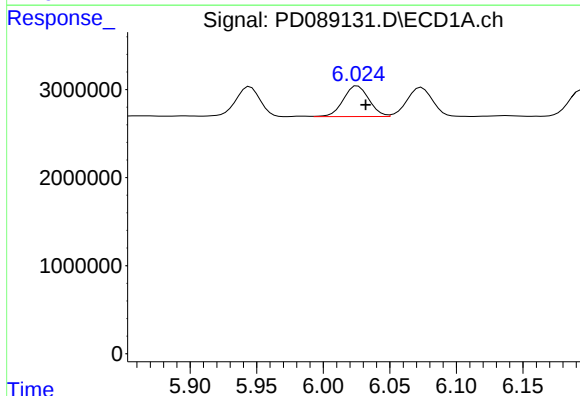
R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 4265777
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



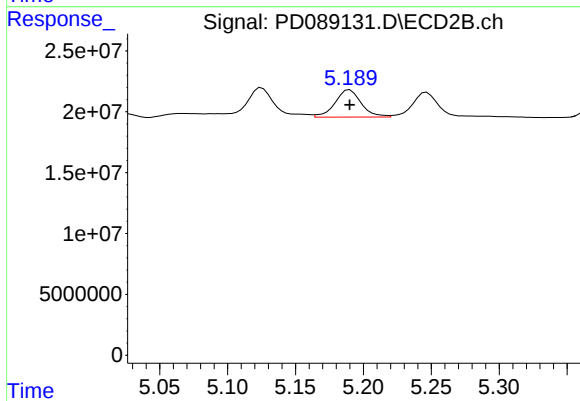
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 37691492
Conc: 12.69 ng/ml



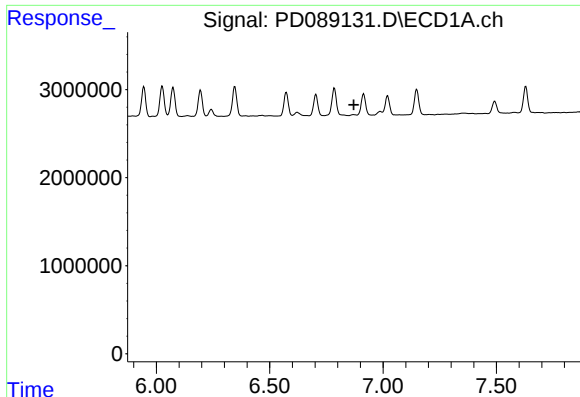
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 4677248
Conc: 4.45 ng/ml



#26 Chlordane-4

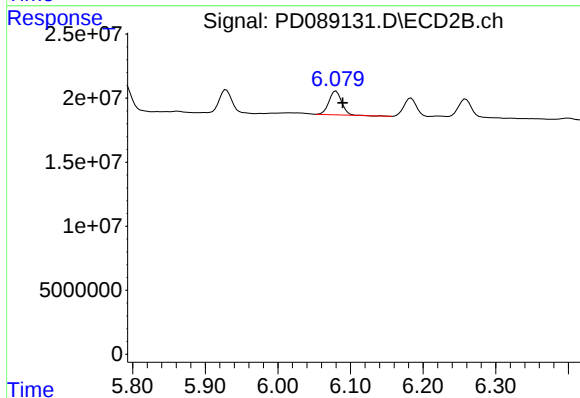
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 30181699
Conc: 12.04 ng/ml



#27 Chlordane-5

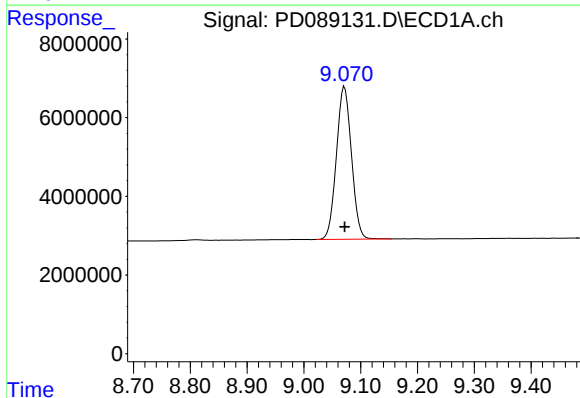
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



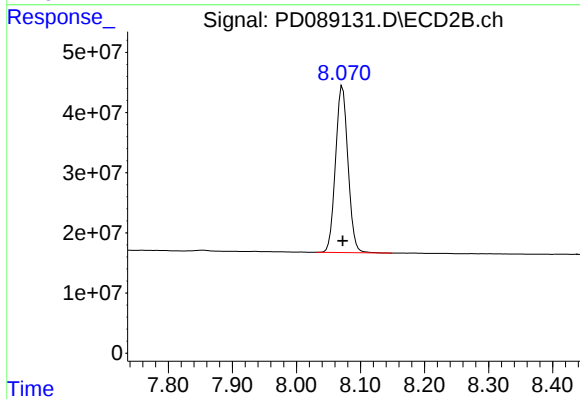
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 22899602
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 71562410
Conc: 18.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 373208854
Conc: 18.88 ng/ml