

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 14:19
 Operator : AR\AJ
 Sample : Q2126-02
 Misc : CHLOR LOQ 50 PPB SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:38:48 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	46852917	319.5E6	16.422	18.847
28)	SA Decachlor...	9.074	8.072	72833232	381.6E6	18.544	19.303
Target Compounds							
2)	A alpha-BHC	4.023f	3.381	600852	1250406	0.103	0.047 #
3)	MA gamma-BHC...	4.358f	3.740	822753	375036	0.147	0.015 #
4)	MA Heptachlor	4.929	4.082	14211845	65099697	2.607	2.600
5)	MB Aldrin	5.241f	4.382	10541432	5285239	1.984	0.218 #
7)	B delta-BHC	4.779f	4.263	750023	6220534	0.146	0.250 #
8)	B Heptachlo...	5.671f	0.000	6351350	0	1.317	N.D. #
9)	A Endosulfan I	0.000	5.260	0	419357	N.D.	0.020 #
10)	B gamma-Chl...	5.946	5.125	37358159	147.2E6	7.802	6.152
11)	B alpha-Chl...	6.032	5.190	46674765	123.7E6	9.646	5.403 #
12)	B 4,4'-DDE	6.182	5.373	275261	953986	0.063	0.042 #
13)	MA Dieldrin	6.354	5.493f	1264482	2727921	0.264	0.118 #
14)	MA Endrin	0.000	5.792	0	14322827	N.D.	0.660 #
15)	B Endosulfa...	6.789	6.090	511462	53211050	0.127	2.635 #
16)	A 4,4'-DDD	6.683f	5.921	3567624	-882969	1.040	N.D. #
17)	MA 4,4'-DDT	0.000	6.214f	0	1641183	N.D.	0.081 #
18)	B Endrin al...	6.927	6.266	559737	2221049	0.183	0.145
19)	B Endosulfa...	7.150	6.487	98973	2170094	0.026	0.111 #
20)	A Methoxychlor	0.000	6.745	0	912461	N.D.	0.085 #
21)	B Endrin ke...	0.000	6.964f	0	373332	N.D.	0.017 #
22)	Mirex	0.000	7.179	0	469251	N.D.	0.028 #
23)	Chlordane-1	4.715	3.905	6462387	45479424	30.195	48.785 #
24)	Chlordane-2	5.241	4.487	10541432	48617475	48.286	51.089
25)	Chlordane-3	5.946	5.125	37358159	147.2E6	43.315	49.550
26)	Chlordane-4	6.032	5.190	46674765	123.7E6	44.422	49.352
27)	Chlordane-5	6.871	6.090	7967962	53211050	43.598	47.020

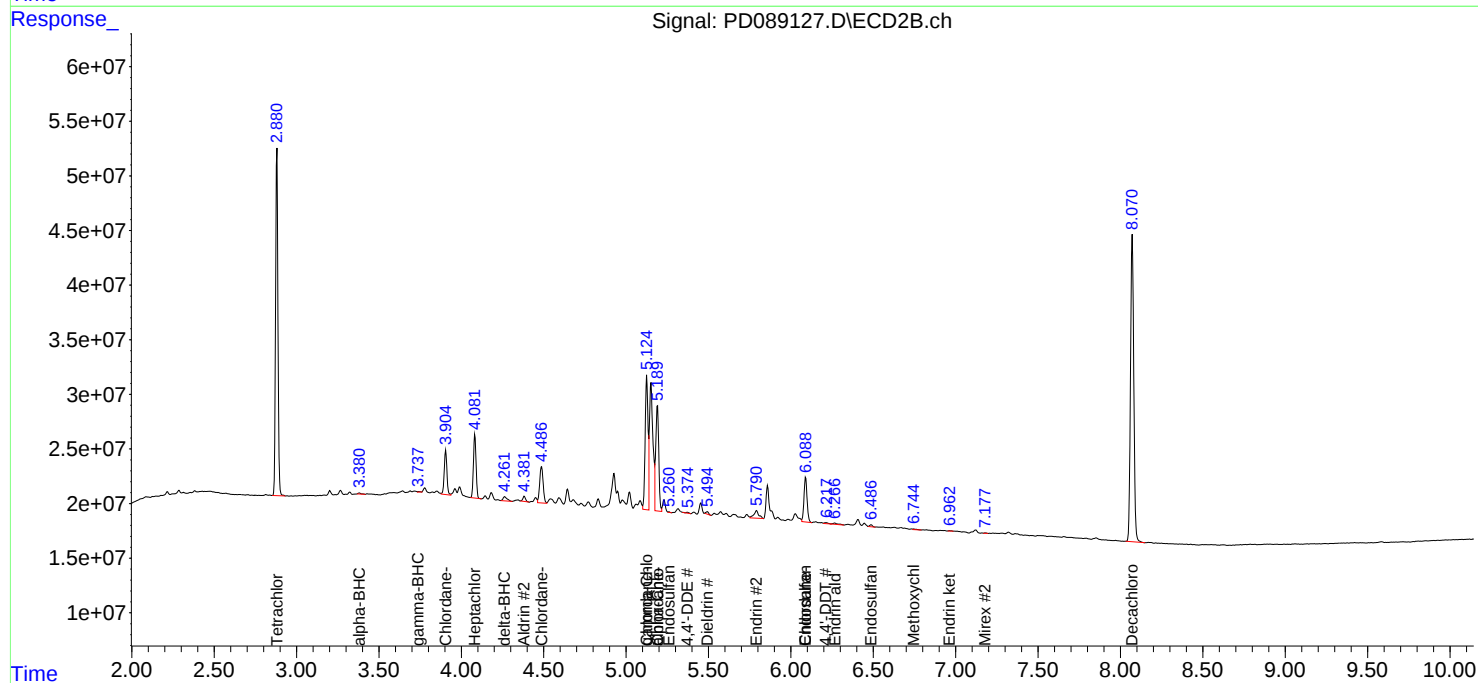
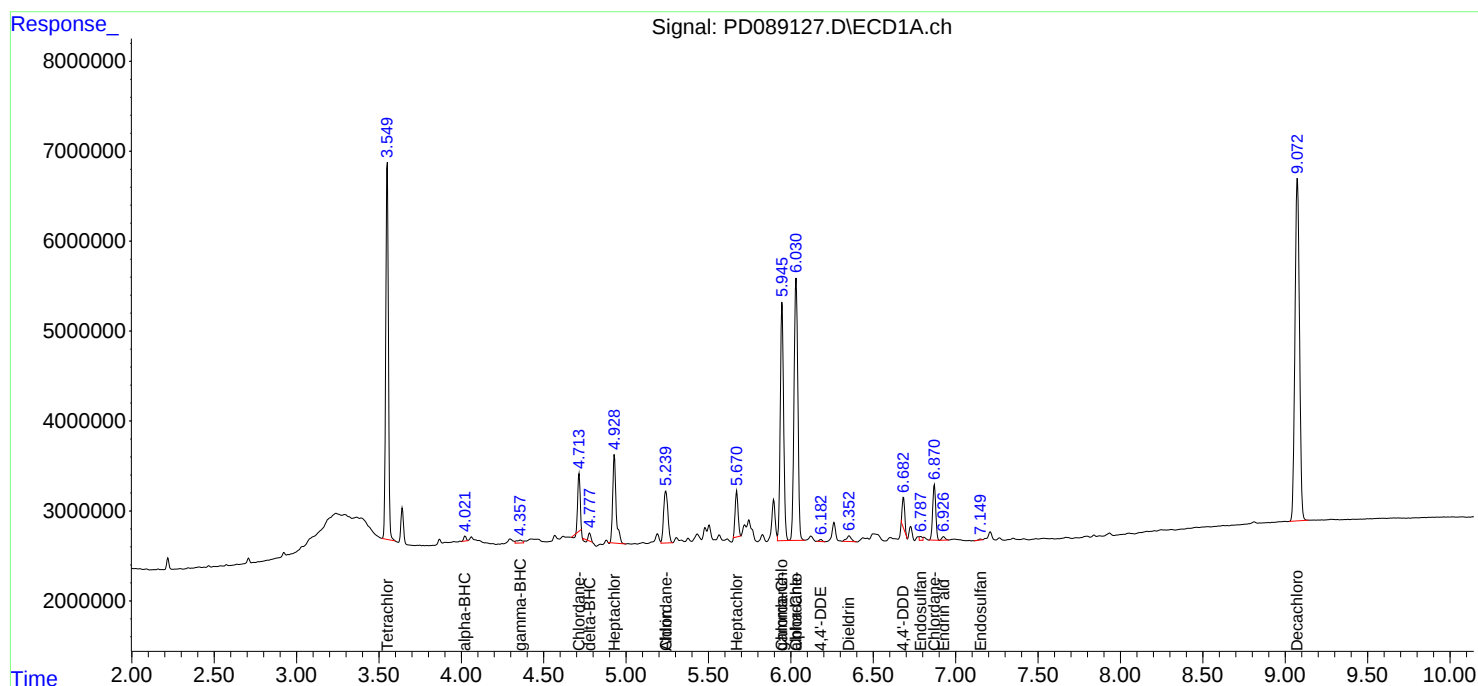
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

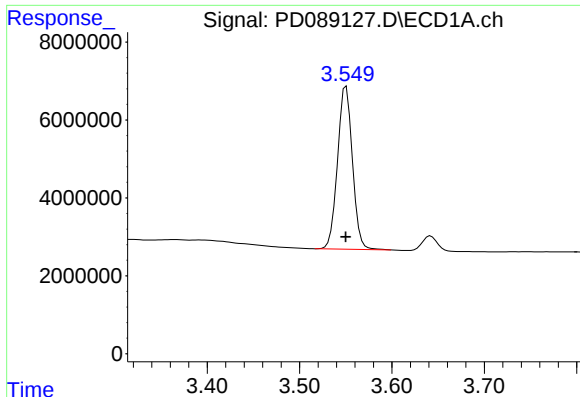
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
Data File : PD089127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 14:19
Operator : AR\AJ
Sample : Q2126-02
Misc : CHLOR LOQ 50 PPB SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 06:38:48 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

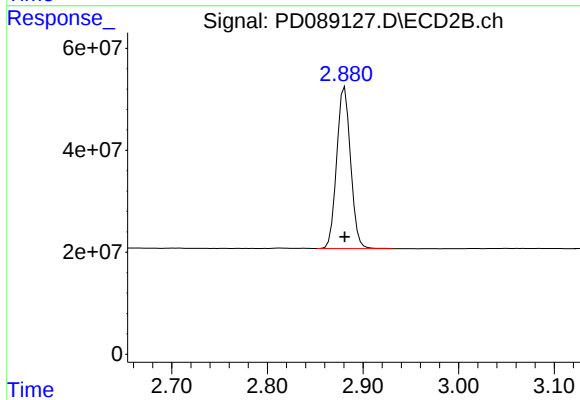




#1 Tetrachloro-m-xylene

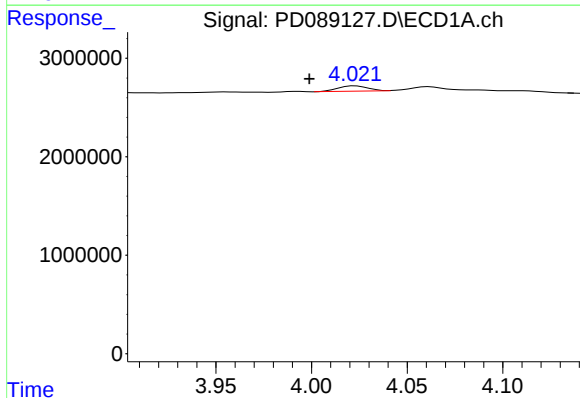
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 46852917
Conc: 16.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



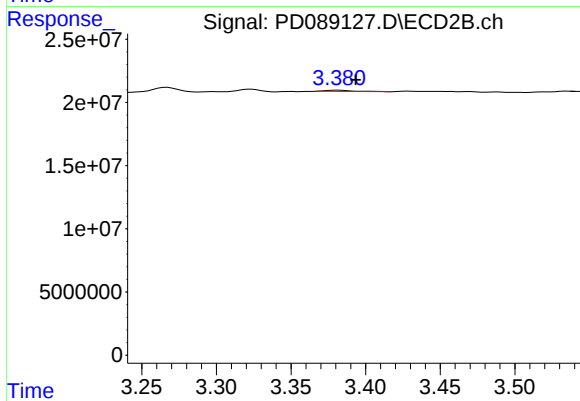
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 319509531
Conc: 18.85 ng/ml



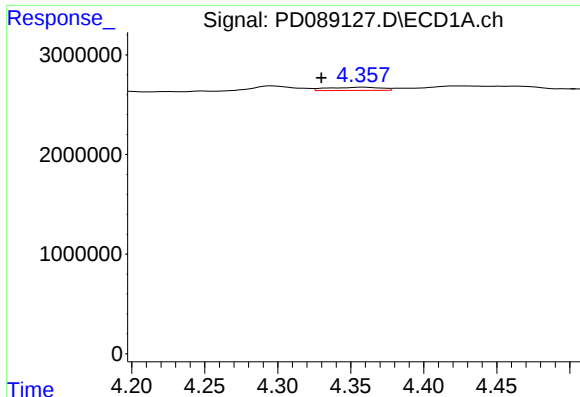
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.024 min
Response: 600852
Conc: 0.10 ng/ml



#2 alpha-BHC

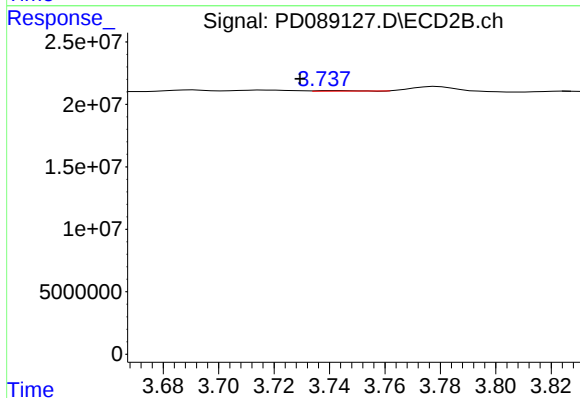
R.T.: 3.381 min
Delta R.T.: -0.012 min
Response: 1250406
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

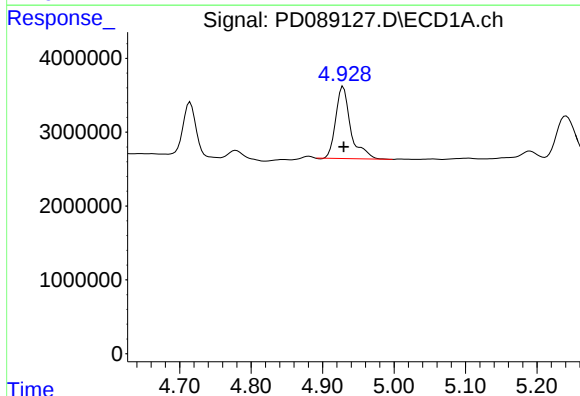
R.T.: 4.358 min
Delta R.T.: 0.028 min
Response: 822753
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



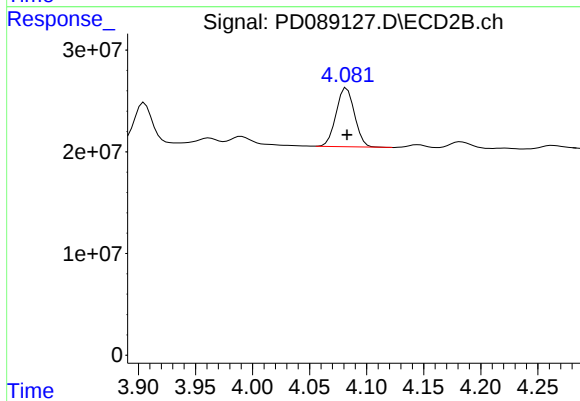
#3 gamma-BHC (Lindane)

R.T.: 3.740 min
Delta R.T.: 0.011 min
Response: 375036
Conc: 0.02 ng/ml



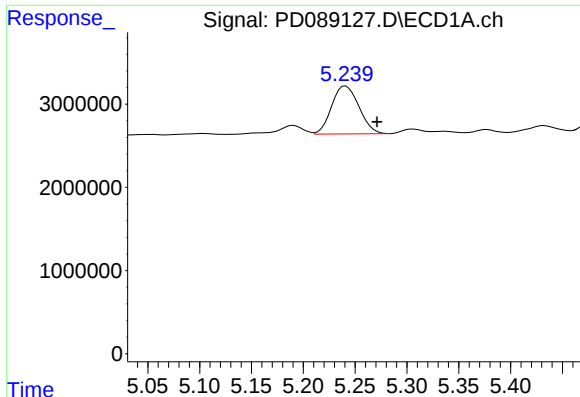
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 14211845
Conc: 2.61 ng/ml



#4 Heptachlor

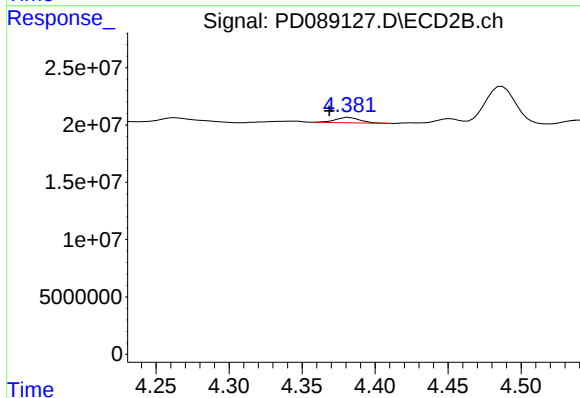
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 65099697
Conc: 2.60 ng/ml



#5 Aldrin

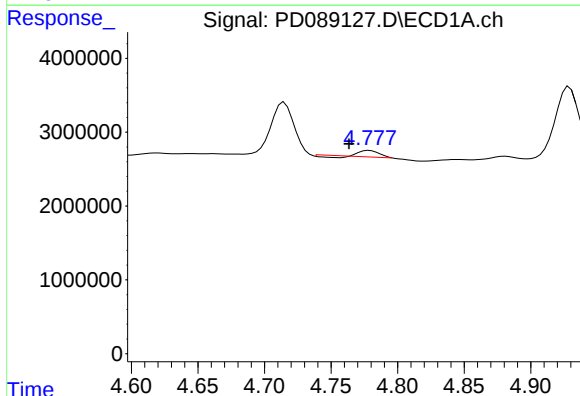
R.T.: 5.241 min
Delta R.T.: -0.030 min
Response: 10541432
Conc: 1.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



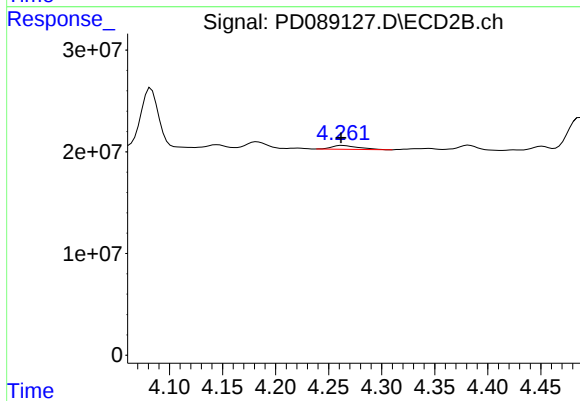
#5 Aldrin

R.T.: 4.382 min
Delta R.T.: 0.013 min
Response: 5285239
Conc: 0.22 ng/ml



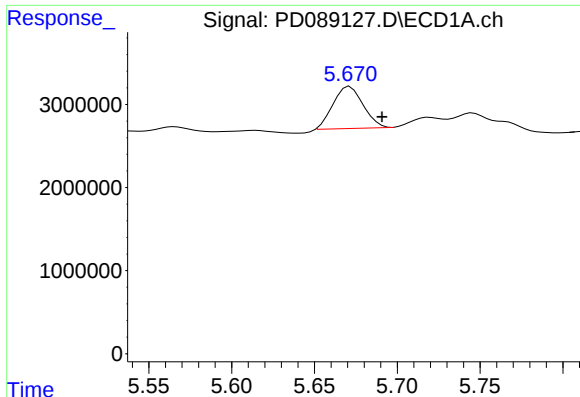
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.015 min
Response: 750023
Conc: 0.15 ng/ml



#7 delta-BHC

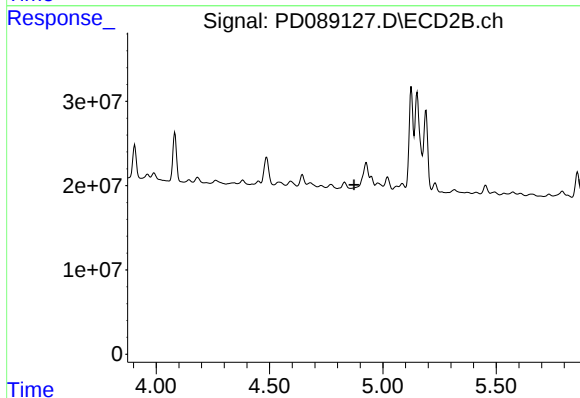
R.T.: 4.263 min
Delta R.T.: 0.001 min
Response: 6220534
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

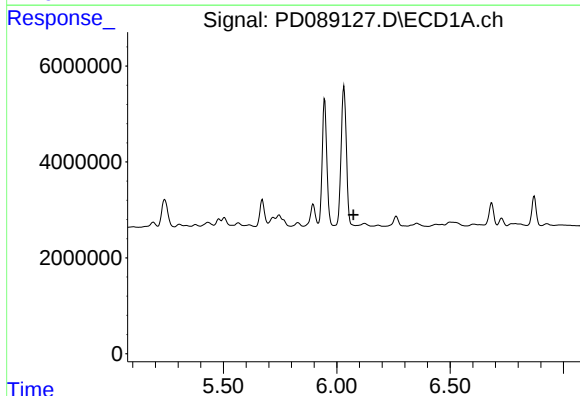
R.T.: 5.671 min
Delta R.T.: -0.019 min
Response: 6351350
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



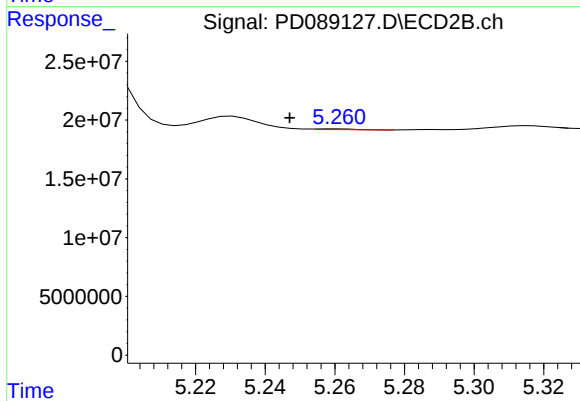
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.873 min
Response: 0
Conc: N.D.



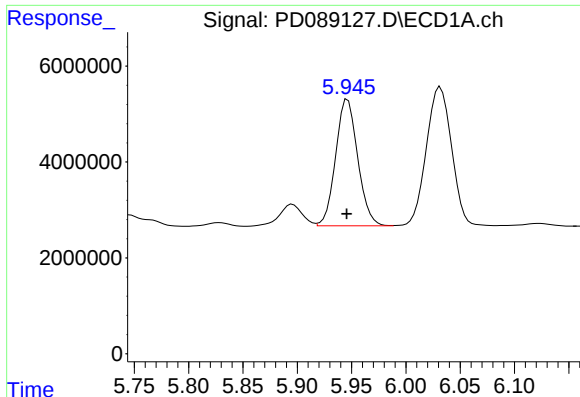
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.074 min
Response: 0
Conc: N.D.



#9 Endosulfan I

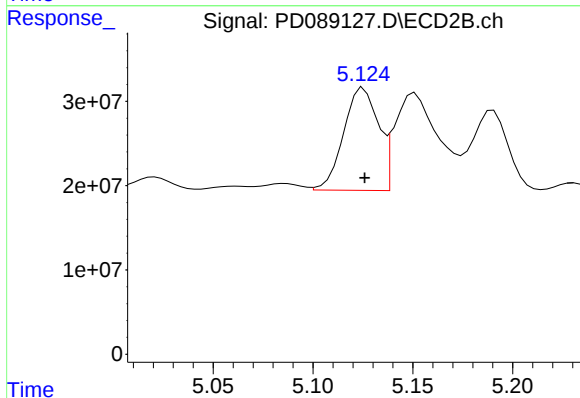
R.T.: 5.260 min
Delta R.T.: 0.013 min
Response: 419357
Conc: 0.02 ng/ml



#10 gamma-Chlordane

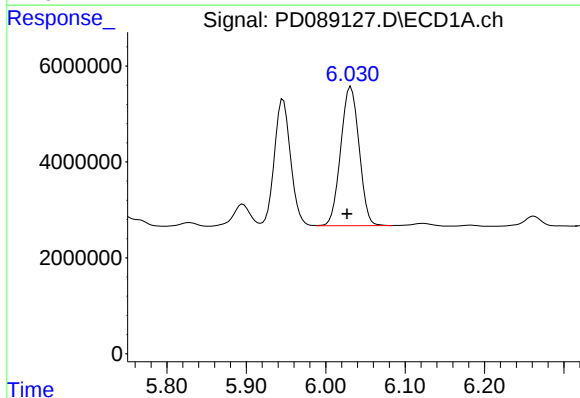
R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 37358159
Conc: 7.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



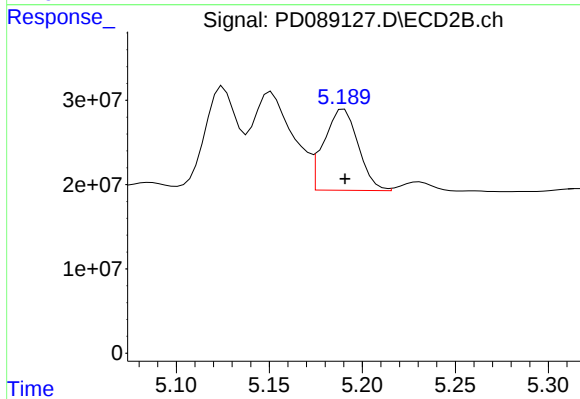
#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 147174553
Conc: 6.15 ng/ml



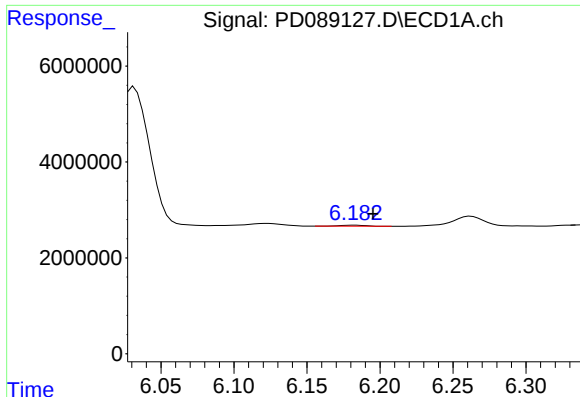
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 46674765
Conc: 9.65 ng/ml



#11 alpha-Chlordane

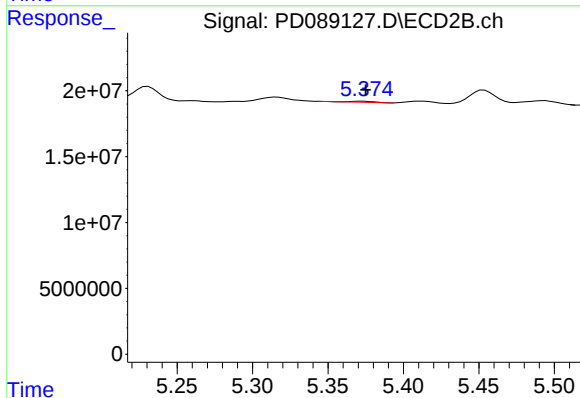
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 123712684
Conc: 5.40 ng/ml



#12 4,4'-DDE

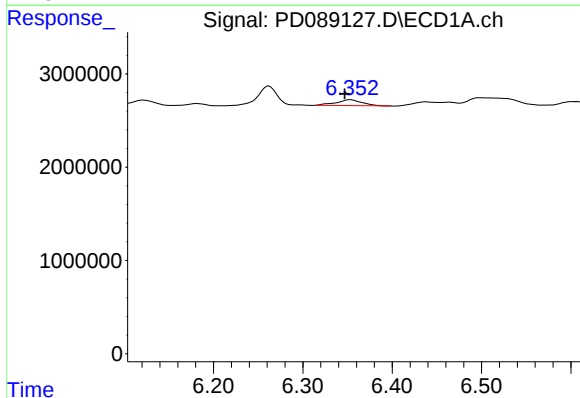
R.T.: 6.182 min
Delta R.T.: -0.013 min
Response: 275261
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



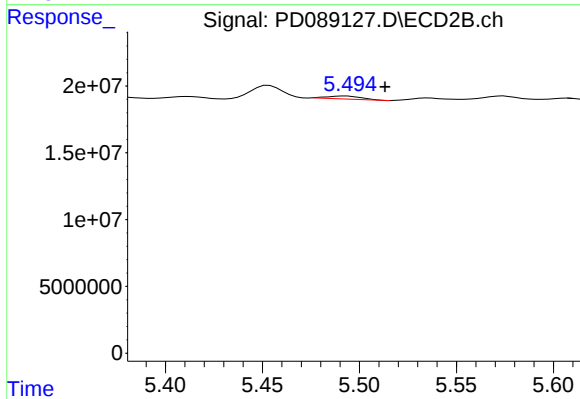
#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 953986
Conc: 0.04 ng/ml



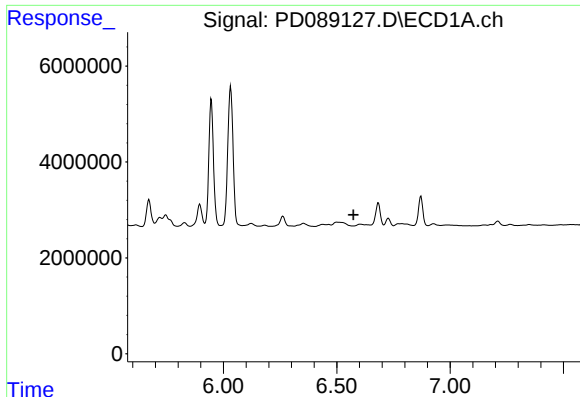
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.007 min
Response: 1264482
Conc: 0.26 ng/ml



#13 Dieldrin

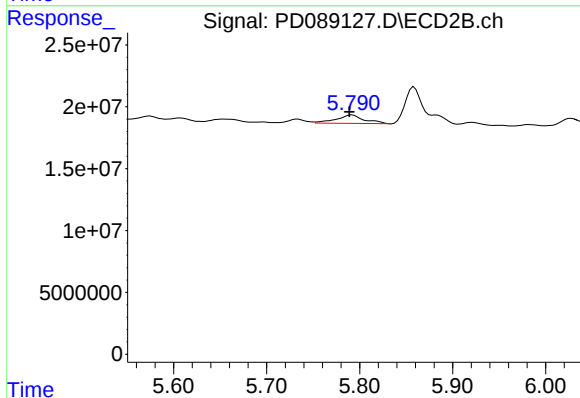
R.T.: 5.493 min
Delta R.T.: -0.020 min
Response: 2727921
Conc: 0.12 ng/ml



#14 Endrin

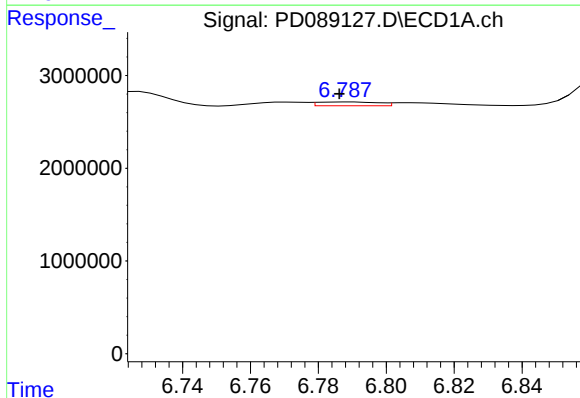
R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



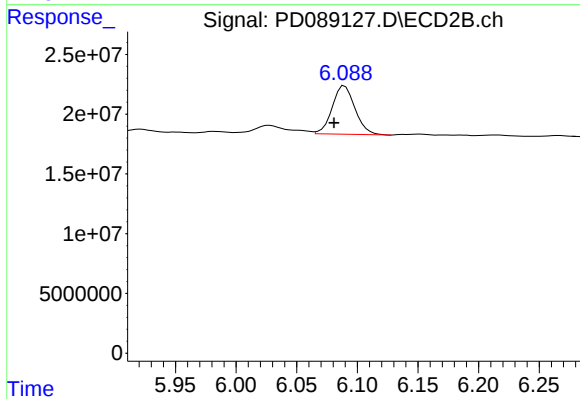
#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 14322827
Conc: 0.66 ng/ml



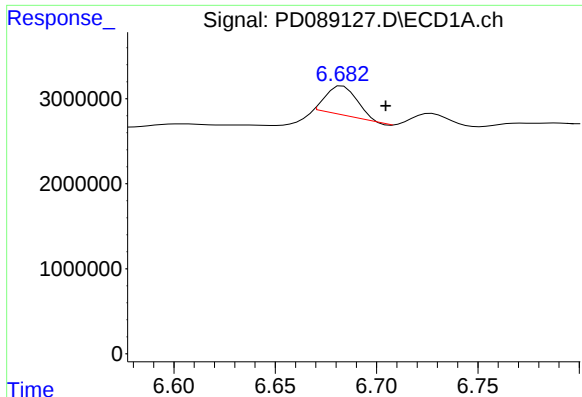
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.003 min
Response: 511462
Conc: 0.13 ng/ml



#15 Endosulfan II

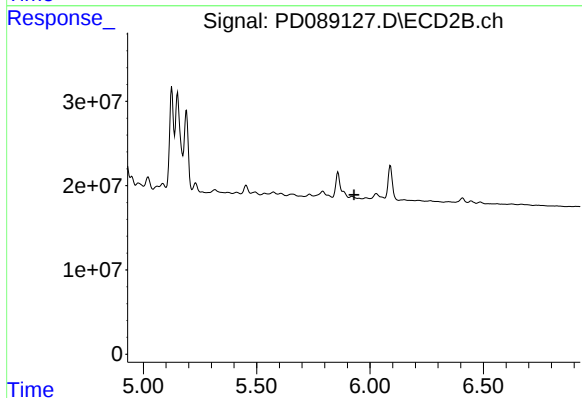
R.T.: 6.090 min
Delta R.T.: 0.009 min
Response: 53211050
Conc: 2.63 ng/ml



#16 4,4'-DDD

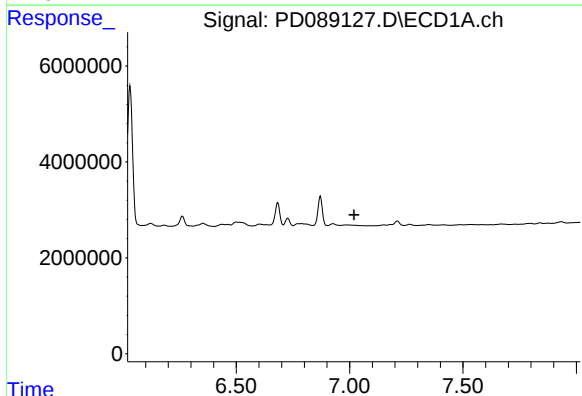
R.T.: 6.683 min
Delta R.T.: -0.021 min
Response: 3567624
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



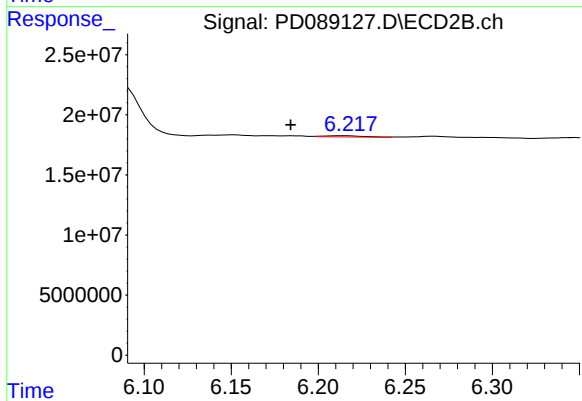
#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.009 min
Response: -882969
Conc: N.D.



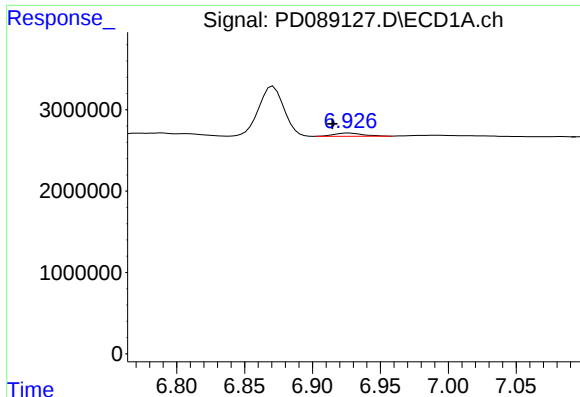
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.020 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

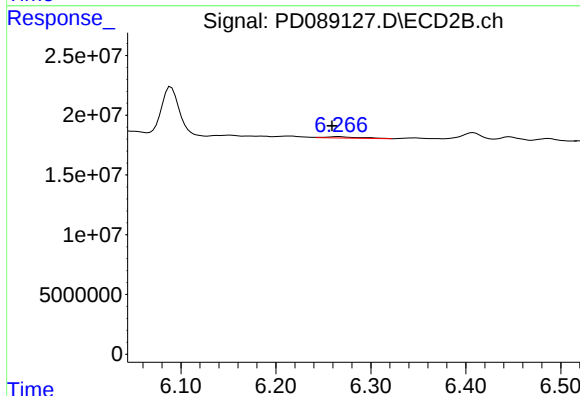
R.T.: 6.214 min
Delta R.T.: 0.030 min
Response: 1641183
Conc: 0.08 ng/ml



#18 Endrin aldehyde

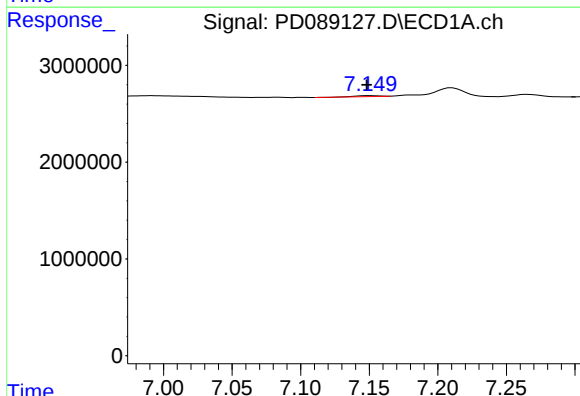
R.T.: 6.927 min
Delta R.T.: 0.012 min
Response: 559737
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



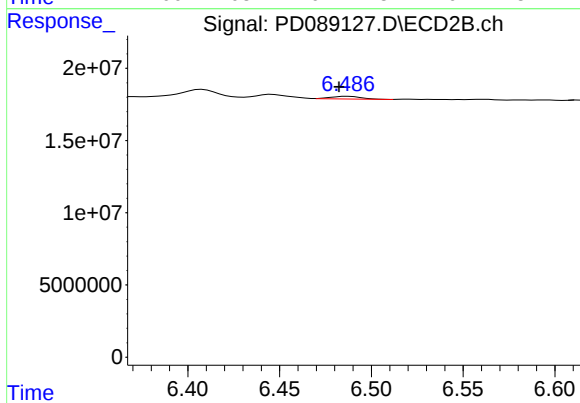
#18 Endrin aldehyde

R.T.: 6.266 min
Delta R.T.: 0.007 min
Response: 2221049
Conc: 0.15 ng/ml



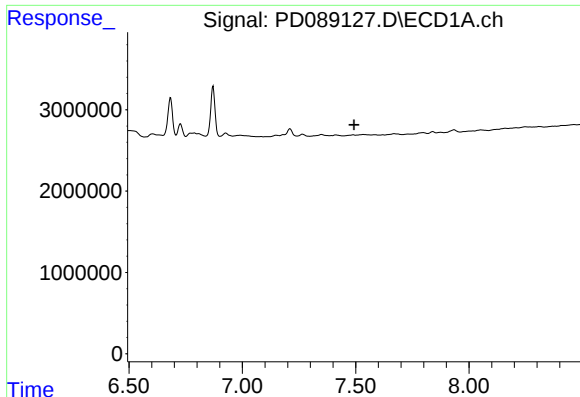
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 98973
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

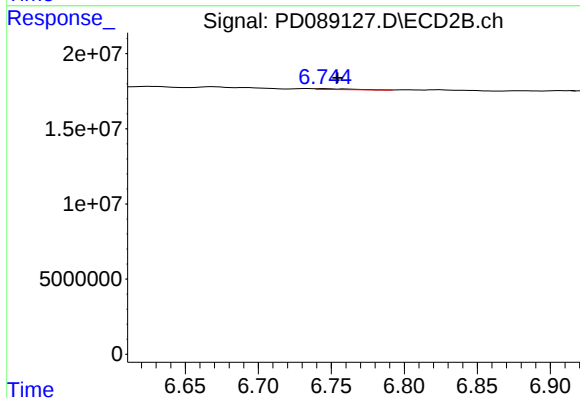
R.T.: 6.487 min
Delta R.T.: 0.005 min
Response: 2170094
Conc: 0.11 ng/ml



#20 Methoxychlor

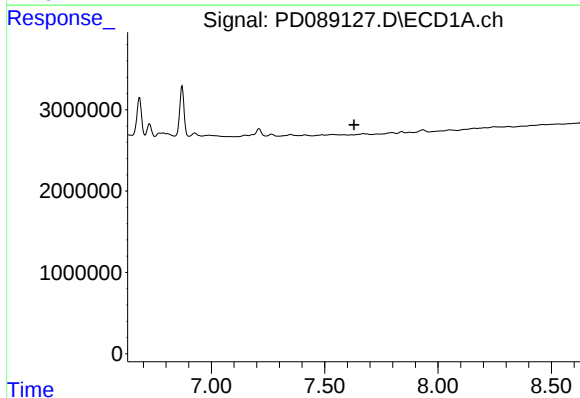
R.T.: 0.000 min
Exp R.T.: 7.493 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



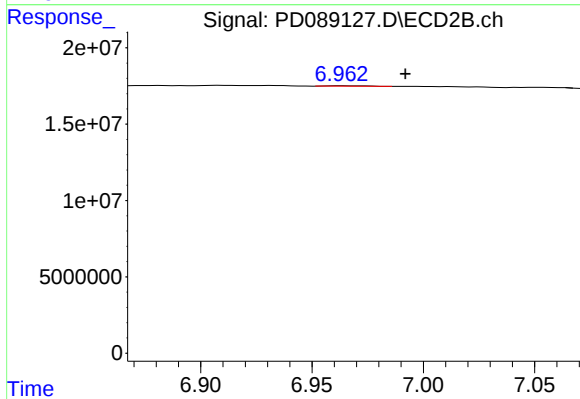
#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 912461
Conc: 0.08 ng/ml



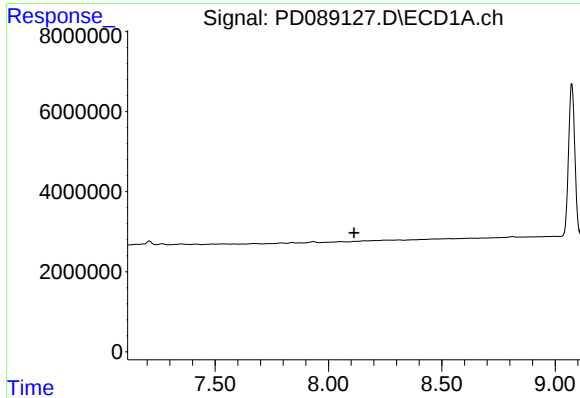
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.629 min
Response: 0
Conc: N.D.



#21 Endrin ketone

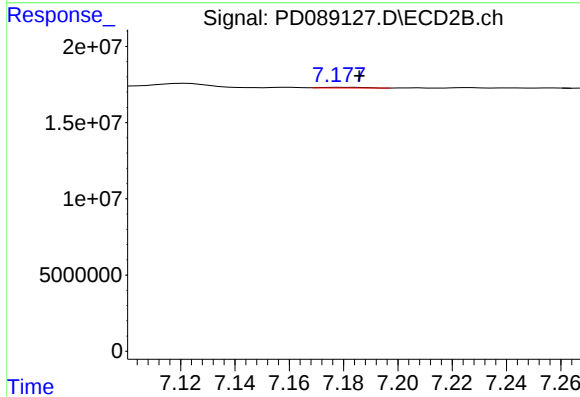
R.T.: 6.964 min
Delta R.T.: -0.028 min
Response: 373332
Conc: 0.02 ng/ml



#22 Mirex

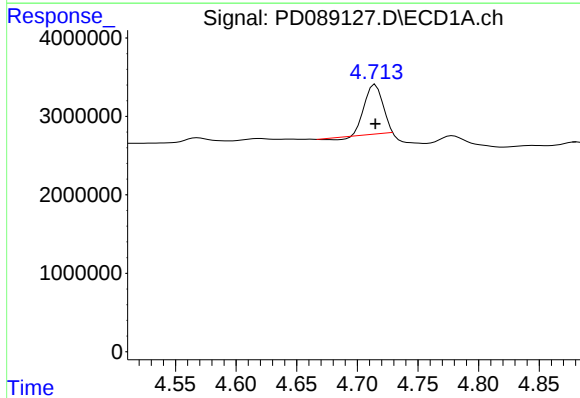
R.T.: 0.000 min
Exp R.T.: 8.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



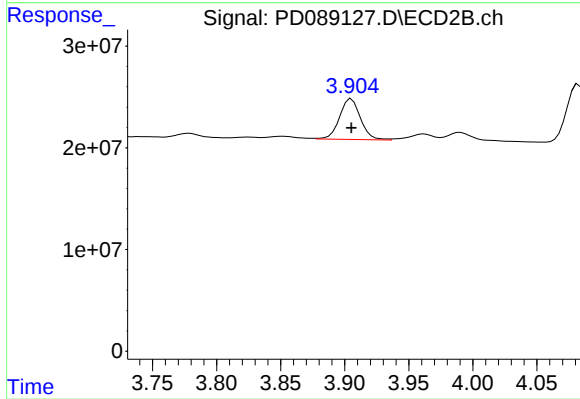
#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.007 min
Response: 469251
Conc: 0.03 ng/ml



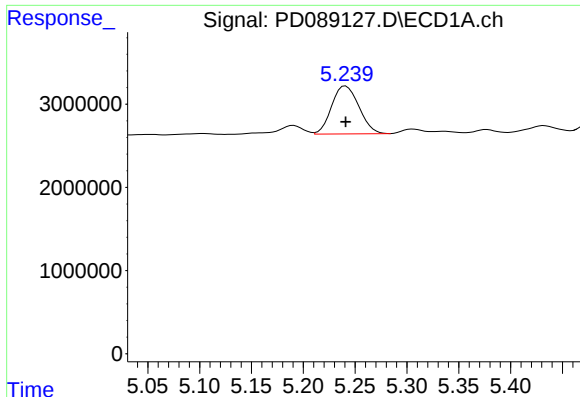
#23 Chlordane-1

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 6462387
Conc: 30.19 ng/ml



#23 Chlordane-1

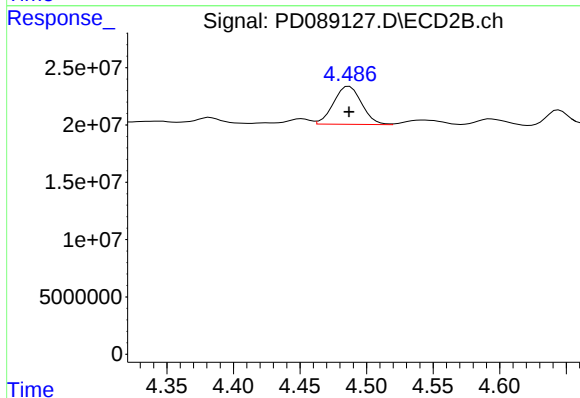
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 45479424
Conc: 48.78 ng/ml



#24 Chlordane-2

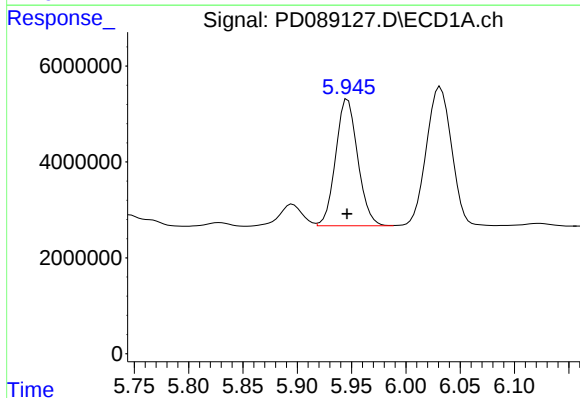
R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 10541432
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



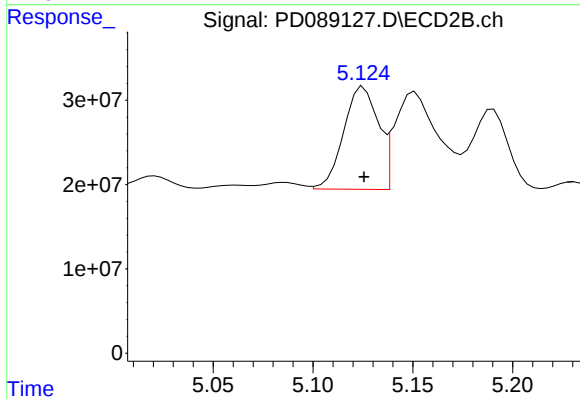
#24 Chlordane-2

R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 48617475
Conc: 51.09 ng/ml



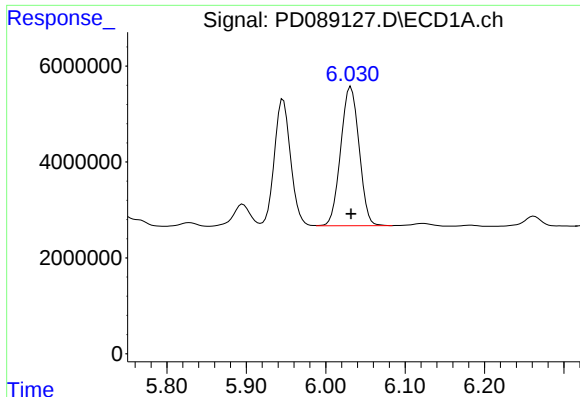
#25 Chlordane-3

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 37358159
Conc: 43.31 ng/ml



#25 Chlordane-3

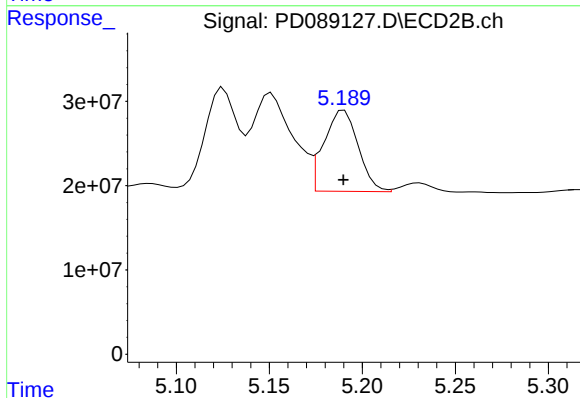
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 147174553
Conc: 49.55 ng/ml



#26 Chlordane-4

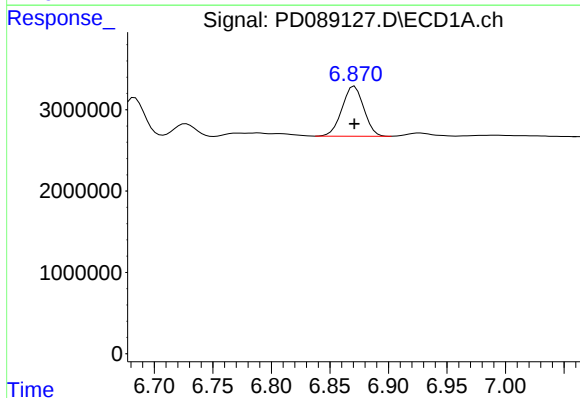
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 46674765
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



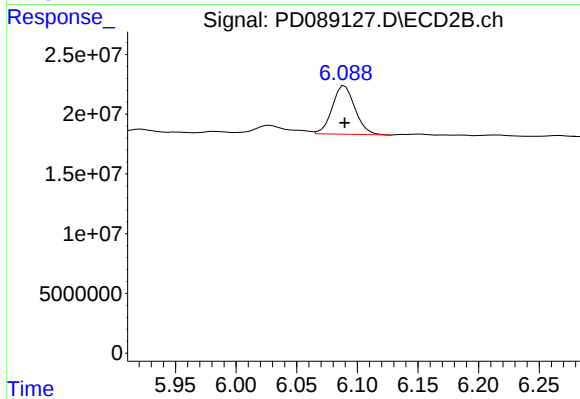
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 123712684
Conc: 49.35 ng/ml



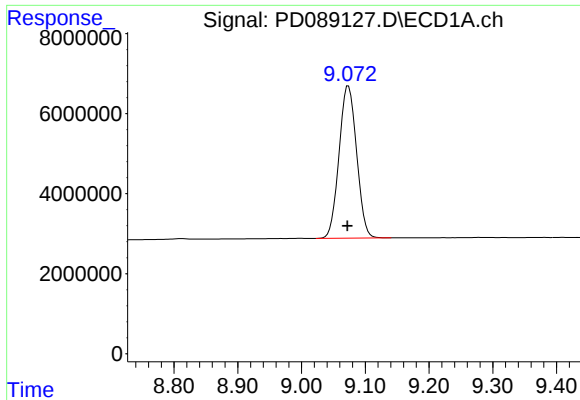
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 7967962
Conc: 43.60 ng/ml



#27 Chlordane-5

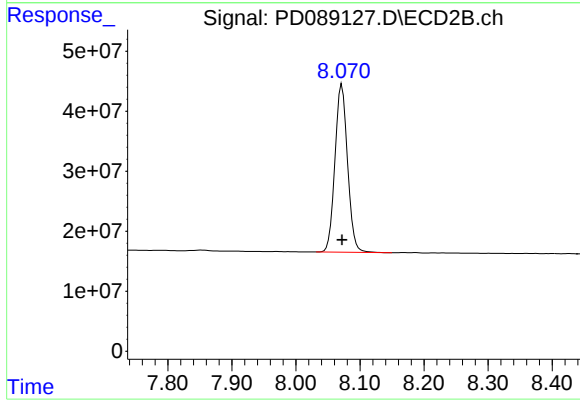
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 53211050
Conc: 47.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 72833232
Conc: 18.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 381625815
Conc: 19.30 ng/ml