

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
 Data File : PD090246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 15:35
 Operator : AR\AJ
 Sample : Q2893-02
 Misc : LOQ CHLOR 50PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 06:30:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.570f	2.877	61583664	470.5E6	20.984	21.337
28)	SA Decachlor...	9.091f	8.064	87533363	577.3E6	20.281	22.301
Target Compounds							
2)	A alpha-BHC	3.983	3.379	853238	5042541	0.142	0.149
3)	MA gamma-BHC...	4.300f	3.714	232321	8249668	0.041	0.265 #
4)	MA Heptachlor	4.948f	4.077	15867674	72559994	2.829	2.326
5)	MB Aldrin	5.261	4.377	7329369	5853602	1.354	0.192 #
7)	B delta-BHC	4.734f	4.258	8929918	7921401	1.725	0.251 #
8)	B Heptachlo...	5.691	0.000	4960433	0	1.011	N.D. #
9)	A Endosulfan I	6.051f	5.225f	34890637	11640454	7.560	0.444 #
10)	B gamma-Chl...	5.965f	5.119	19580196	148.9E6	4.003	5.028 #
11)	B alpha-Chl...	6.051f	5.184	34890637	127.6E6	7.088	4.472 #
12)	B 4,4'-DDE	6.203	5.367	236769	2914592	0.054	0.101 #
13)	MA Dieldrin	0.000	5.489f	0	2937853	N.D.	0.100 #
14)	MA Endrin	0.000	5.786	0	33354191	N.D.	1.252 #
15)	B Endosulfa...	6.791	6.083	1918882	59415721	0.455	2.349 #
16)	A 4,4'-DDD	6.703	5.916	4686813	-6289191	1.355	N.D. #
17)	MA 4,4'-DDT	7.011	6.176	221577	1010749	0.058	0.040 #
18)	B Endrin al...	6.890f	6.253	5975886	3982075	2.084	0.231 #
19)	B Endosulfa...	7.171f	6.481	49148	2720373	0.013	0.112 #
20)	A Methoxychlor	0.000	6.746	0	2118946	N.D.	0.164 #
22)	Mirex	8.135f	7.171	351127	1055618	0.111	0.051 #
23)	Chlordane-1	4.734f	3.900	8929918	46375662	51.995	52.170
24)	Chlordane-2	5.261f	4.482	7329369	48754034	41.639	50.894
25)	Chlordane-3	5.965f	5.119	19580196	148.9E6	28.871	53.733 #
26)	Chlordane-4	6.051f	5.184	34890637	127.6E6	42.024	53.018 #
27)	Chlordane-5	6.890f	6.083	5975886	59415721	42.637	54.016 #

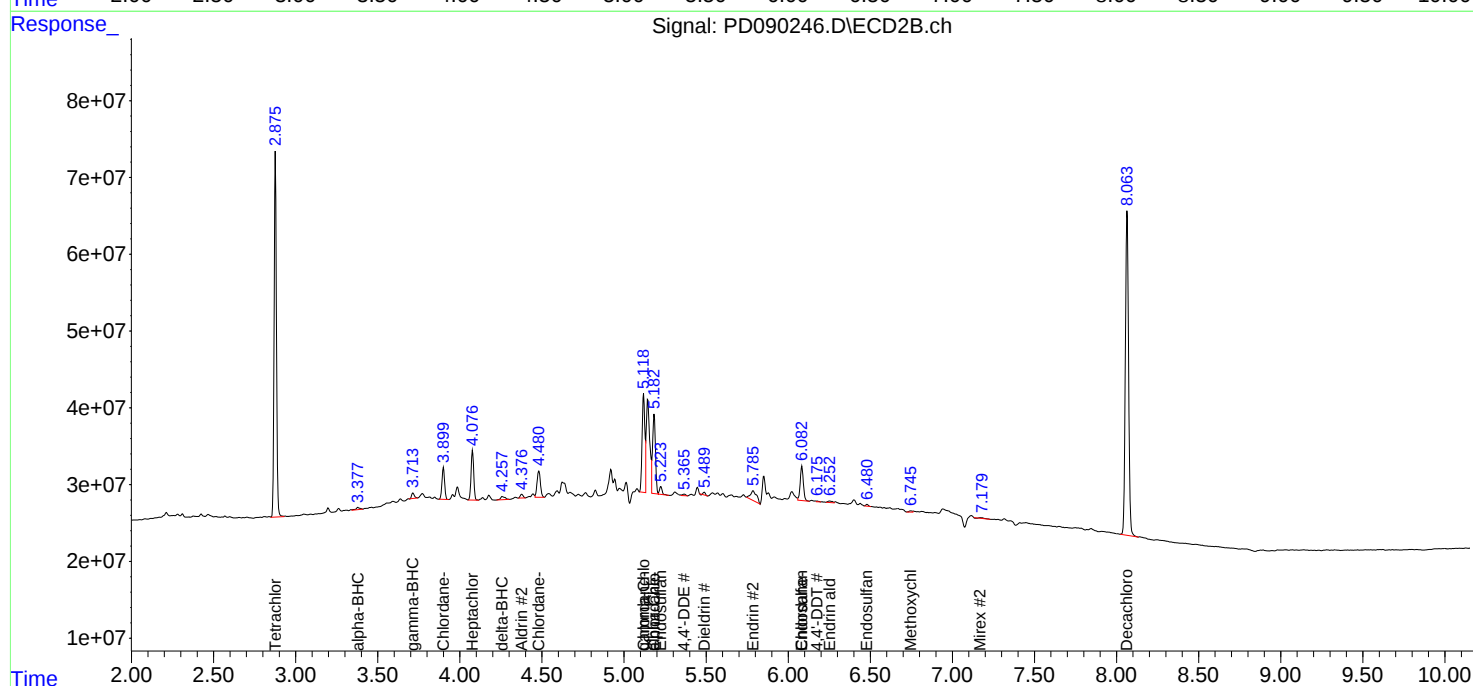
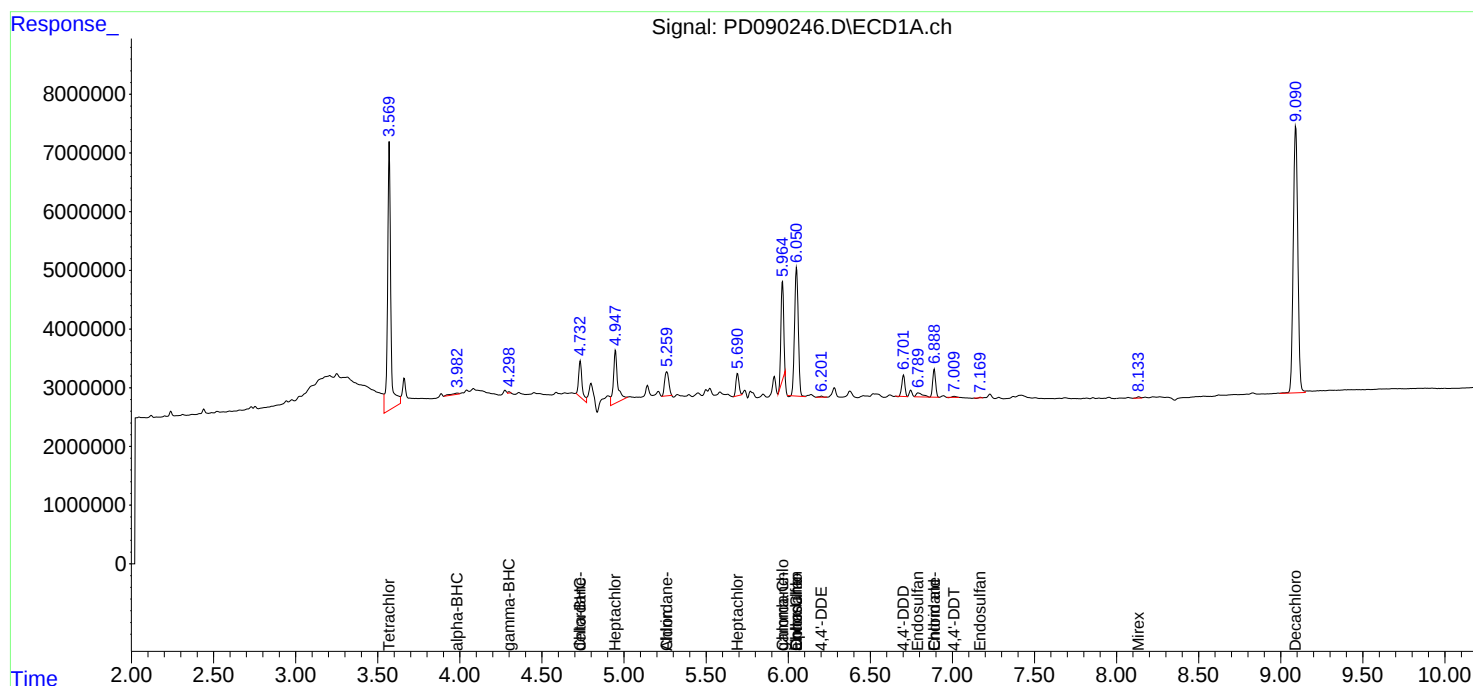
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

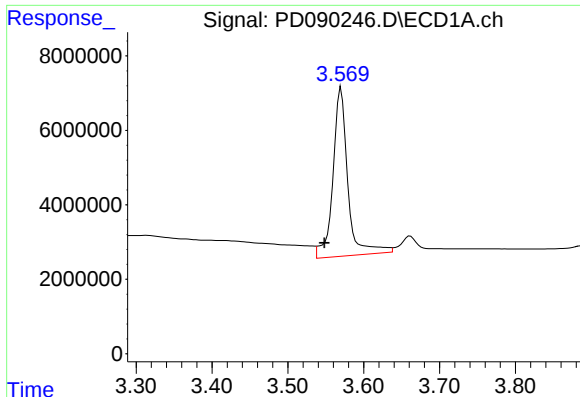
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091125\
Data File : PD090246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 15:35
Operator : AR\AJ
Sample : Q2893-02
Misc : LOQ CHLOR 50PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 06:30:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

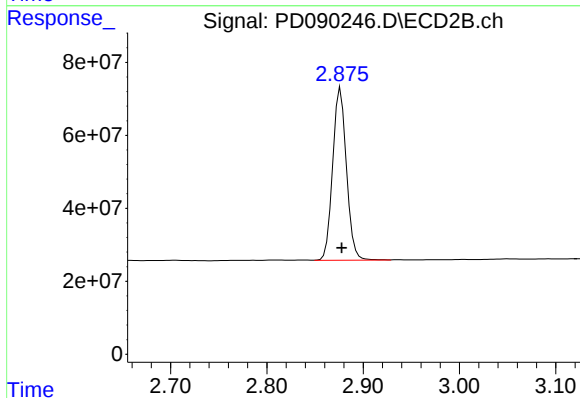




#1 Tetrachloro-m-xylene

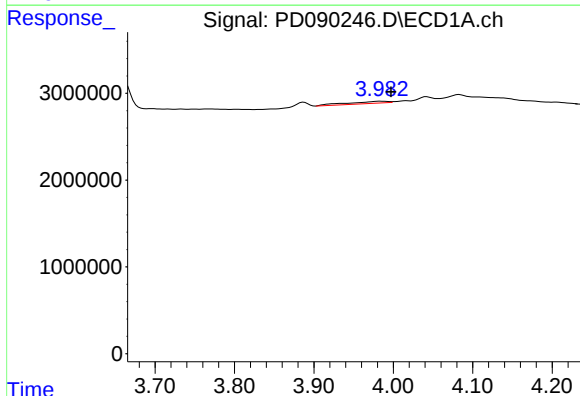
R.T.: 3.570 min
Delta R.T.: 0.022 min
Response: 61583664
Conc: 20.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



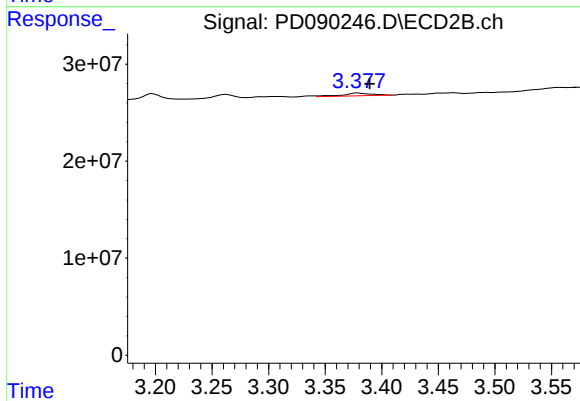
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 470499726
Conc: 21.34 ng/ml



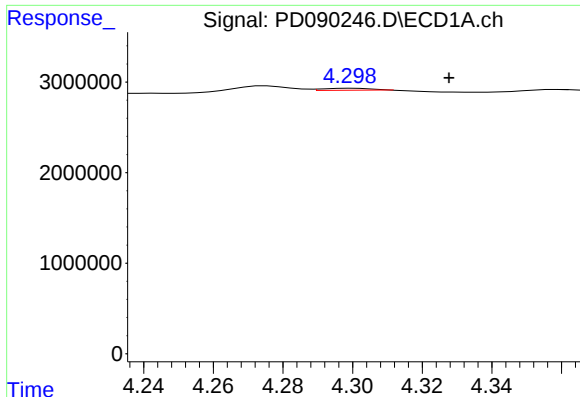
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.014 min
Response: 853238
Conc: 0.14 ng/ml



#2 alpha-BHC

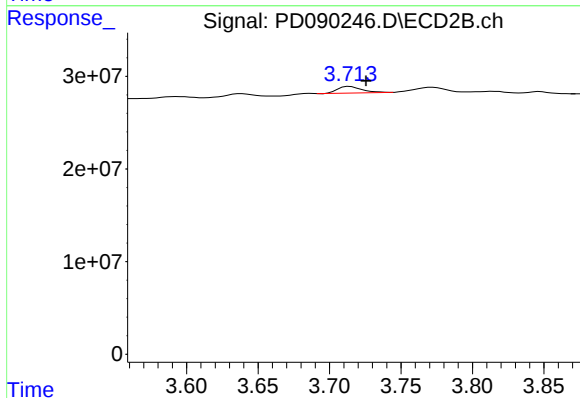
R.T.: 3.379 min
Delta R.T.: -0.011 min
Response: 5042541
Conc: 0.15 ng/ml



#3 gamma-BHC (Lindane)

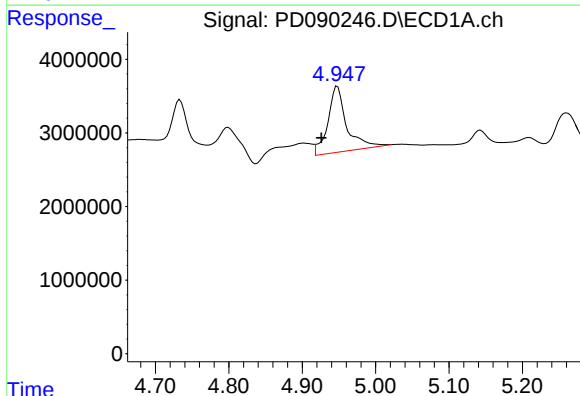
R.T.: 4.300 min
Delta R.T.: -0.028 min
Response: 232321
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



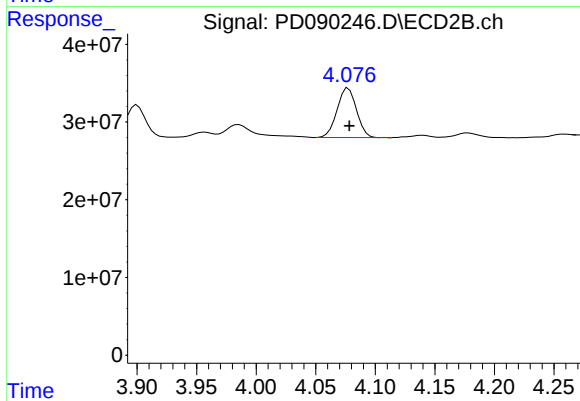
#3 gamma-BHC (Lindane)

R.T.: 3.714 min
Delta R.T.: -0.011 min
Response: 8249668
Conc: 0.26 ng/ml



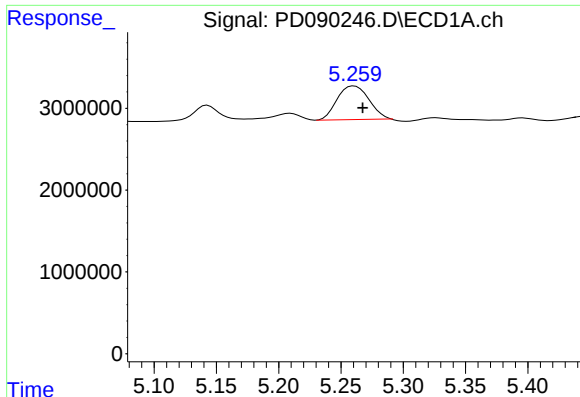
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.022 min
Response: 15867674
Conc: 2.83 ng/ml



#4 Heptachlor

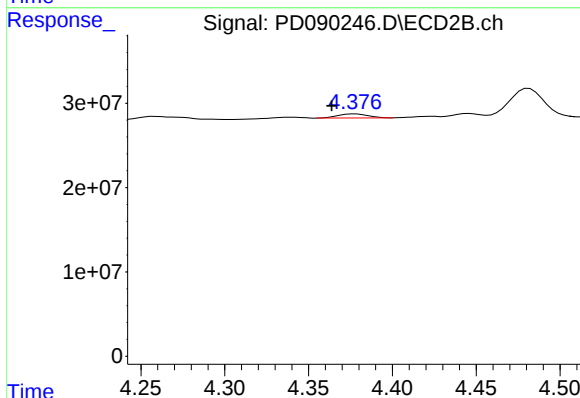
R.T.: 4.077 min
Delta R.T.: 0.000 min
Response: 72559994
Conc: 2.33 ng/ml



#5 Aldrin

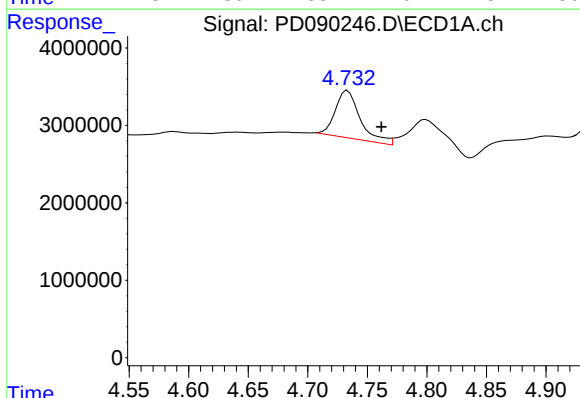
R.T.: 5.261 min
Delta R.T.: -0.007 min
Response: 7329369
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



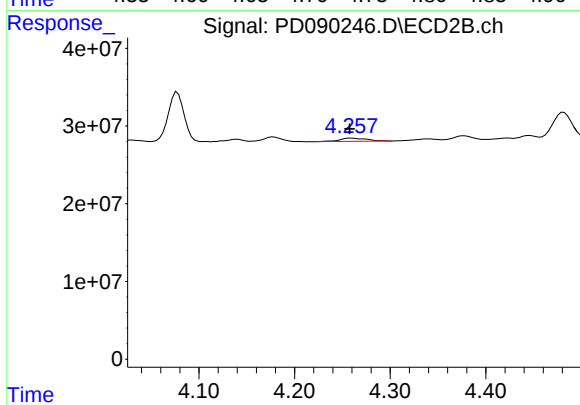
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.014 min
Response: 5853602
Conc: 0.19 ng/ml



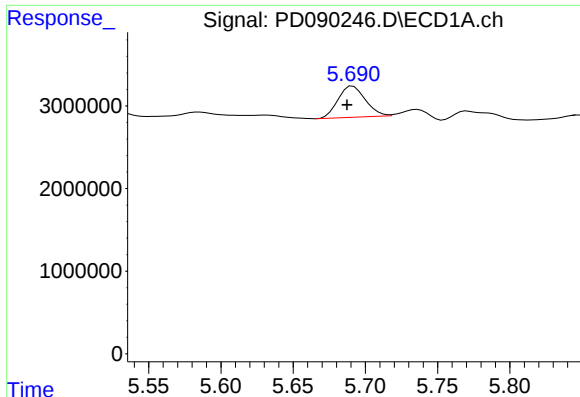
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.028 min
Response: 8929918
Conc: 1.72 ng/ml



#7 delta-BHC

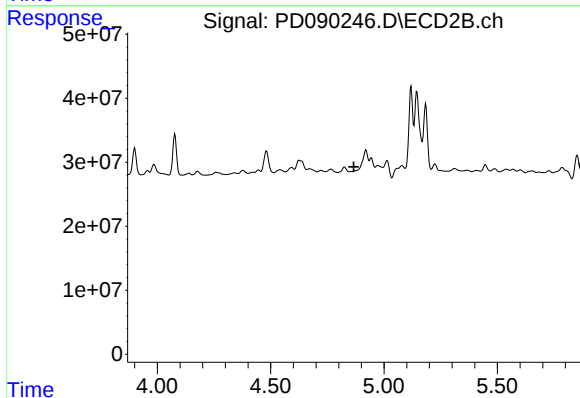
R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 7921401
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

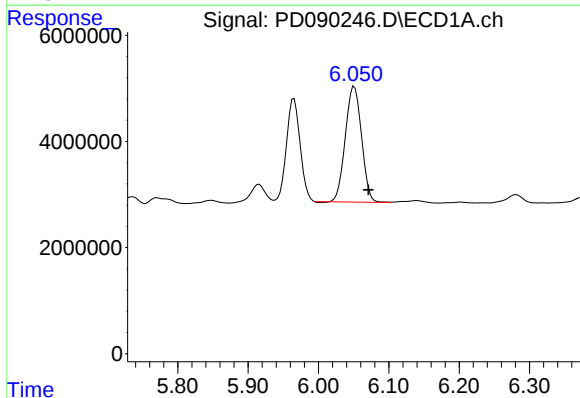
R.T.: 5.691 min
Delta R.T.: 0.004 min
Response: 4960433
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



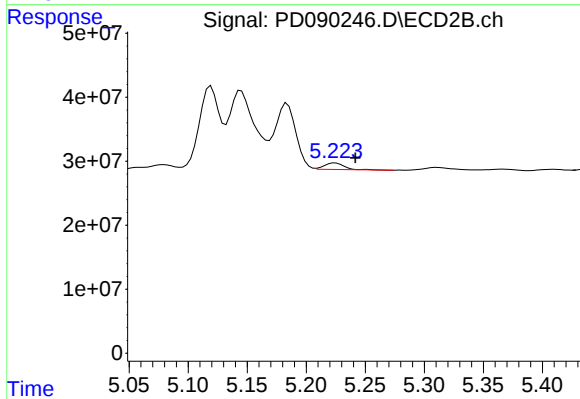
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.867 min
Response: 0
Conc: N.D.



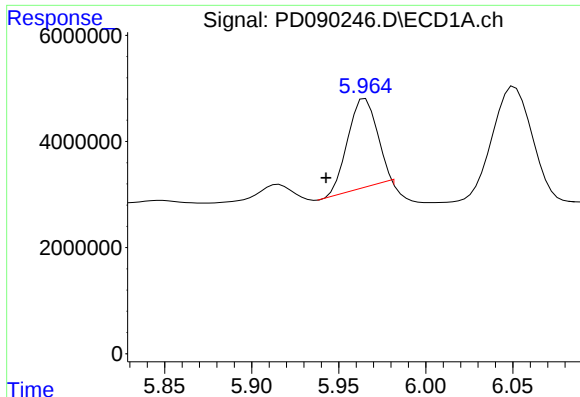
#9 Endosulfan I

R.T.: 6.051 min
Delta R.T.: -0.020 min
Response: 34890637
Conc: 7.56 ng/ml



#9 Endosulfan I

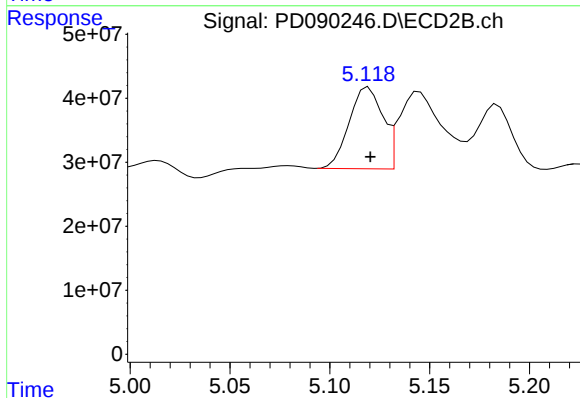
R.T.: 5.225 min
Delta R.T.: -0.017 min
Response: 11640454
Conc: 0.44 ng/ml



#10 gamma-Chlordane

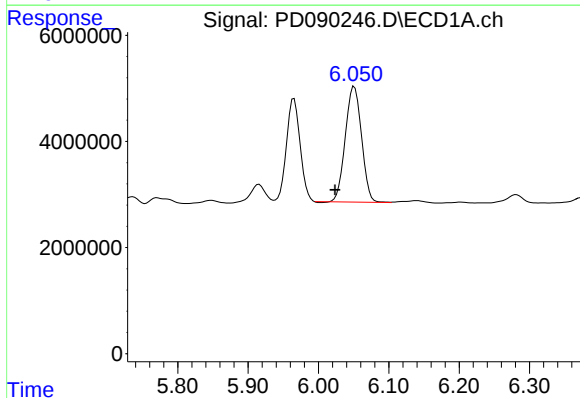
R.T.: 5.965 min
Delta R.T.: 0.023 min
Response: 19580196
Conc: 4.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



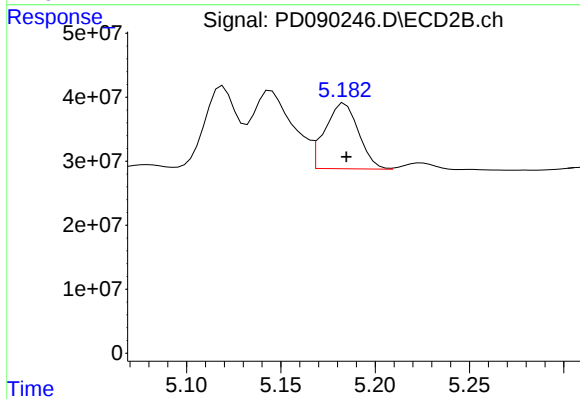
#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 148893298
Conc: 5.03 ng/ml



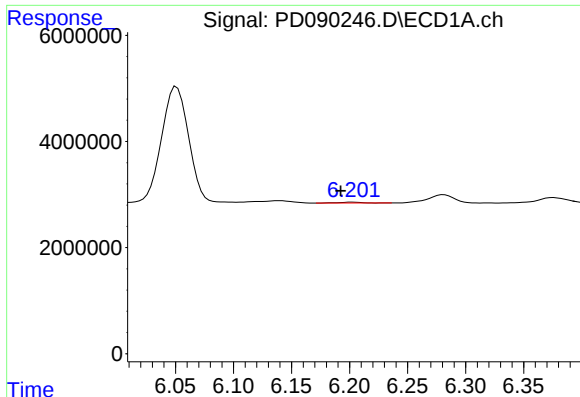
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.027 min
Response: 34890637
Conc: 7.09 ng/ml



#11 alpha-Chlordane

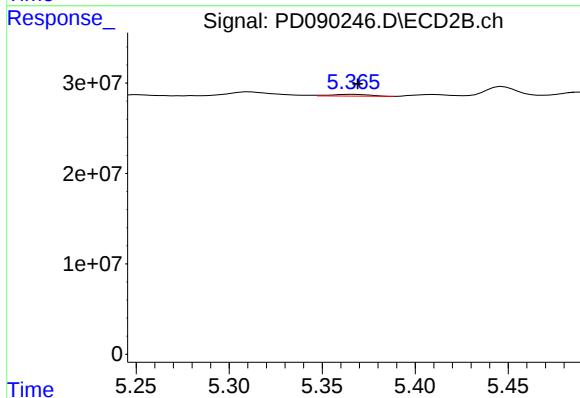
R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 127610110
Conc: 4.47 ng/ml



#12 4,4'-DDE

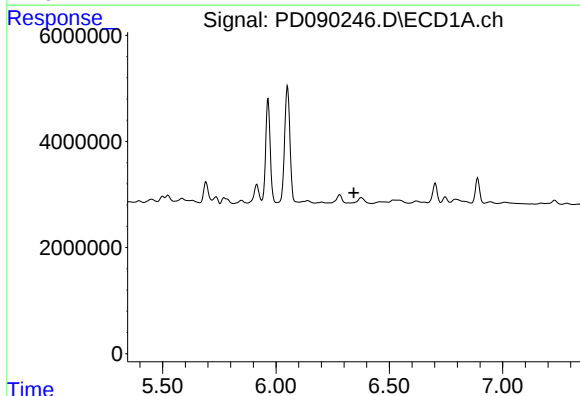
R.T.: 6.203 min
Delta R.T.: 0.010 min
Response: 236769
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



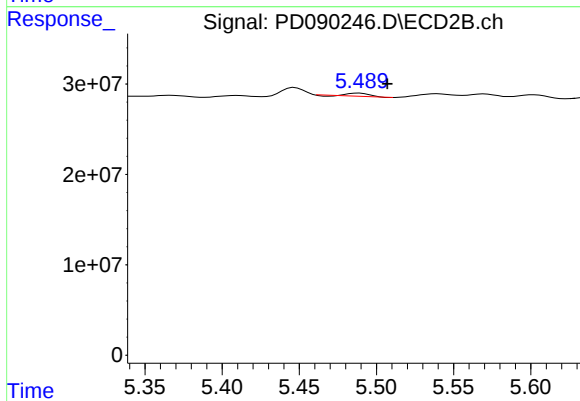
#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 2914592
Conc: 0.10 ng/ml



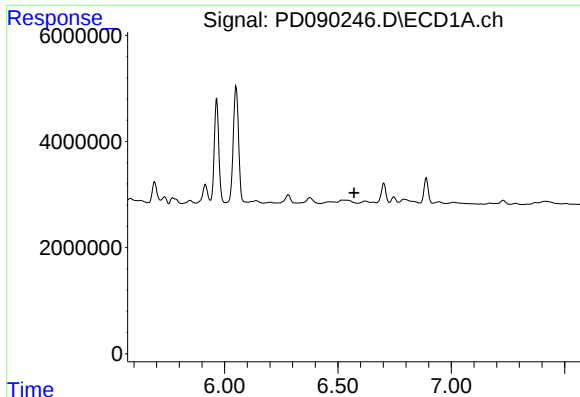
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.344 min
Response: 0
Conc: N.D.



#13 Dieldrin

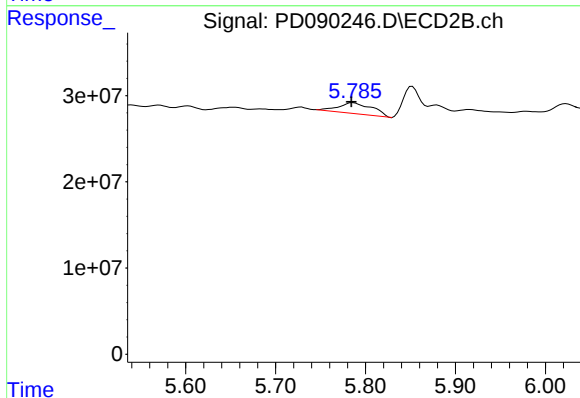
R.T.: 5.489 min
Delta R.T.: -0.018 min
Response: 2937853
Conc: 0.10 ng/ml



#14 Endrin

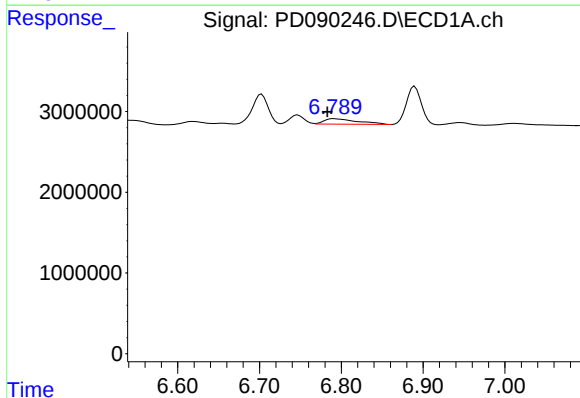
R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



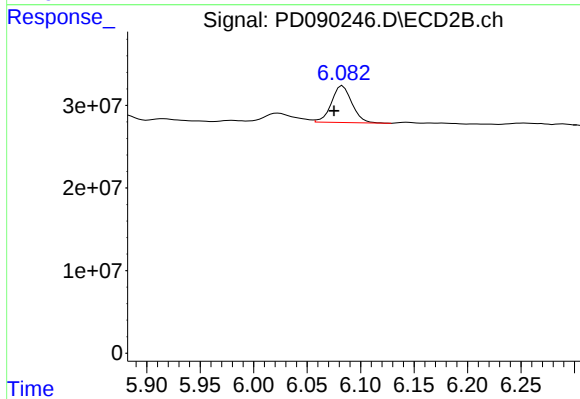
#14 Endrin

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 33354191
Conc: 1.25 ng/ml



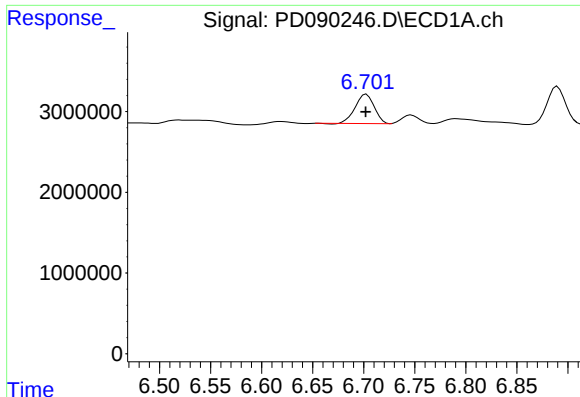
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.008 min
Response: 1918882
Conc: 0.45 ng/ml



#15 Endosulfan II

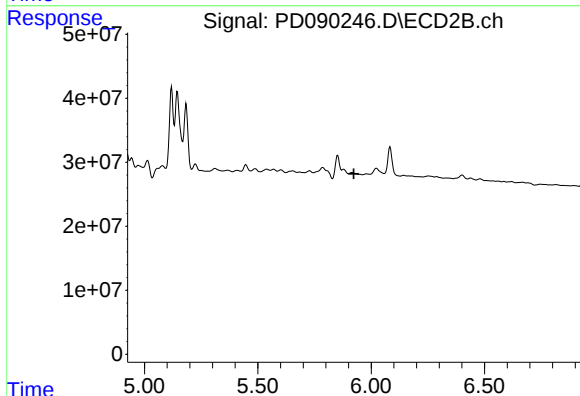
R.T.: 6.083 min
Delta R.T.: 0.008 min
Response: 59415721
Conc: 2.35 ng/ml



#16 4,4'-DDD

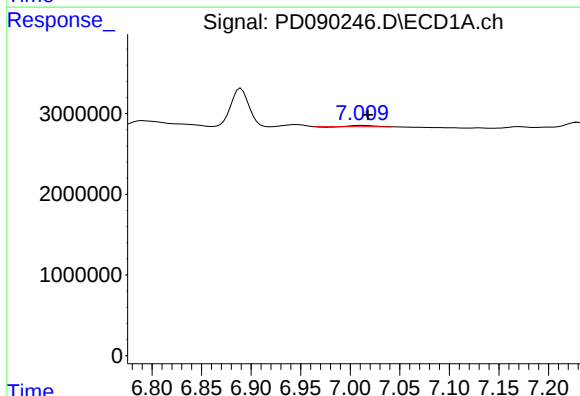
R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 4686813
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



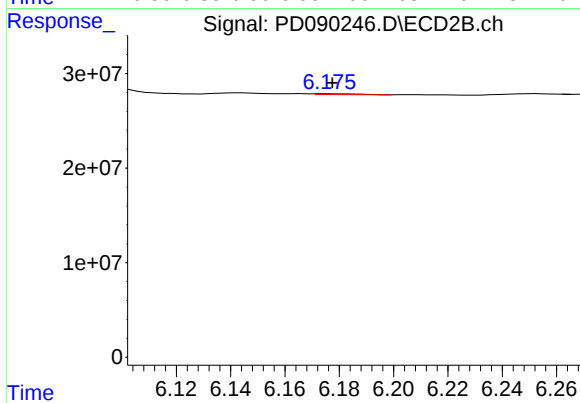
#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: -6289191
Conc: N.D.



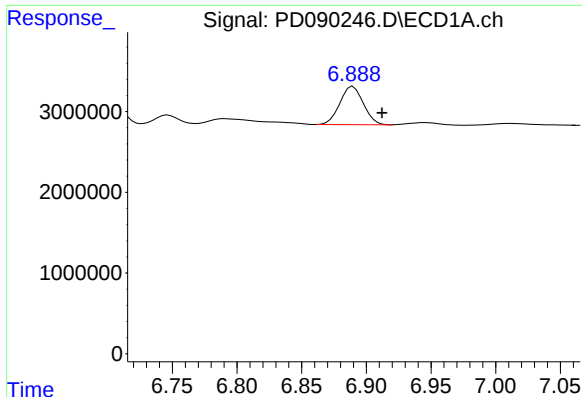
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.007 min
Response: 221577
Conc: 0.06 ng/ml



#17 4,4'-DDT

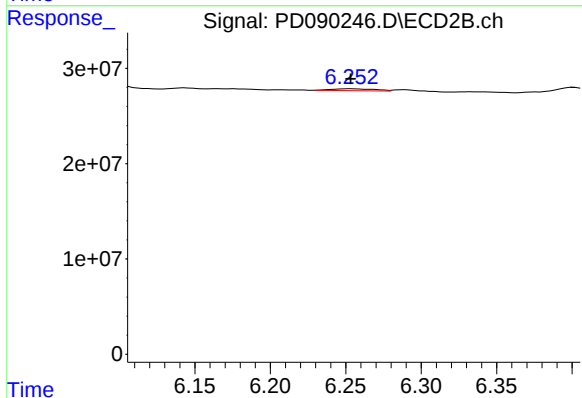
R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 1010749
Conc: 0.04 ng/ml



#18 Endrin aldehyde

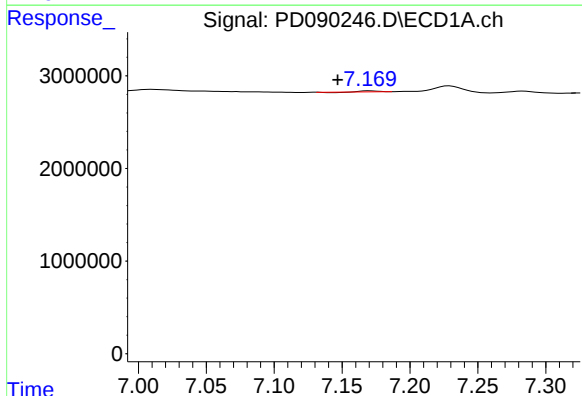
R.T.: 6.890 min
Delta R.T.: -0.022 min
Response: 5975886
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



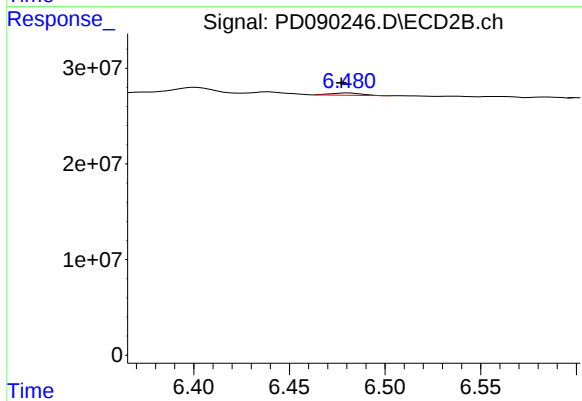
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 3982075
Conc: 0.23 ng/ml



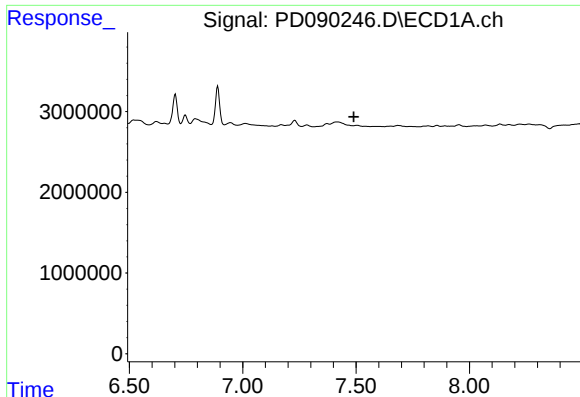
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: 0.024 min
Response: 49148
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

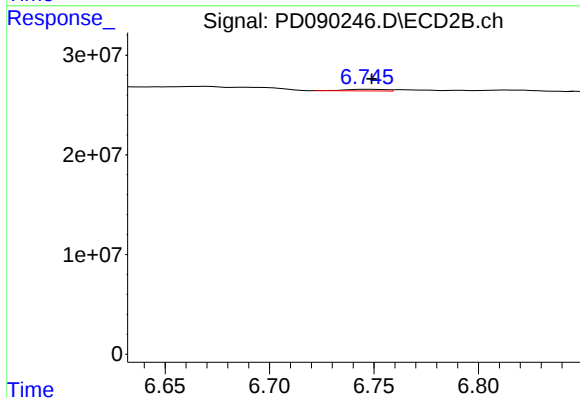
R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 2720373
Conc: 0.11 ng/ml



#20 Methoxychlor

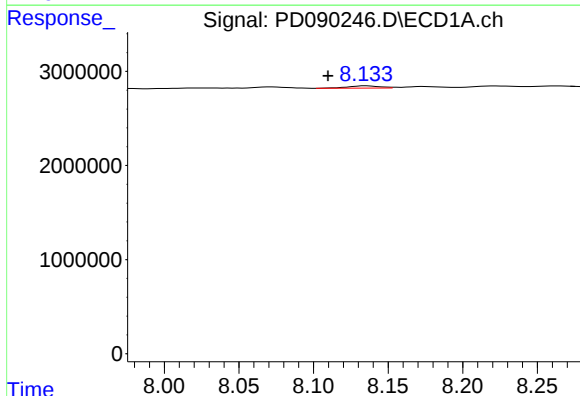
R.T.: 0.000 min
Exp R.T.: 7.490 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



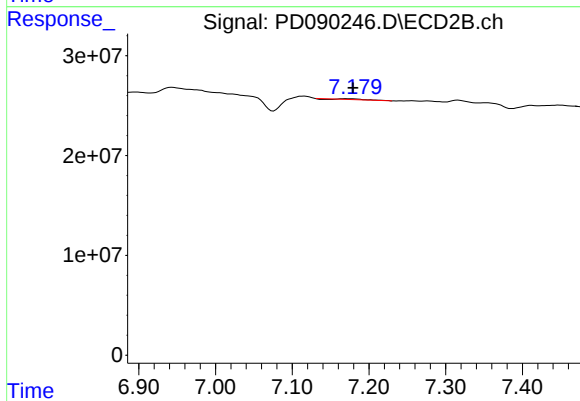
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 2118946
Conc: 0.16 ng/ml



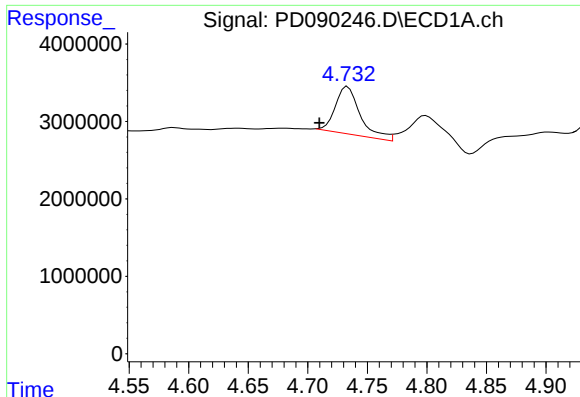
#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.025 min
Response: 351127
Conc: 0.11 ng/ml



#22 Mirex

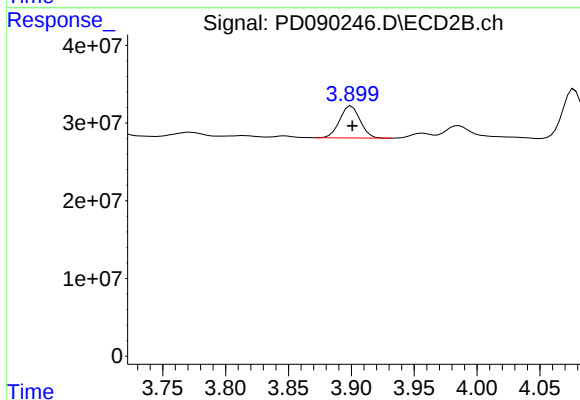
R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 1055618
Conc: 0.05 ng/ml



#23 Chlordane-1

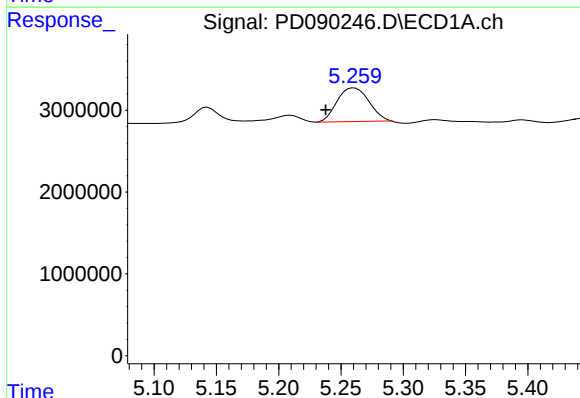
R.T.: 4.734 min
Delta R.T.: 0.024 min
Response: 8929918
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



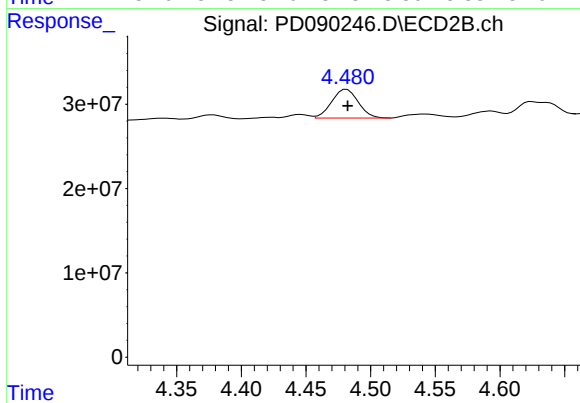
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 46375662
Conc: 52.17 ng/ml



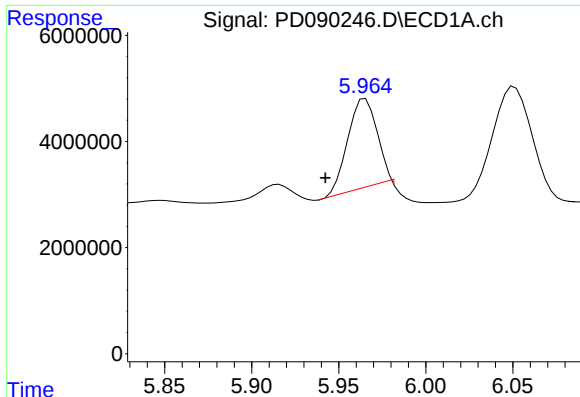
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: 0.023 min
Response: 7329369
Conc: 41.64 ng/ml



#24 Chlordane-2

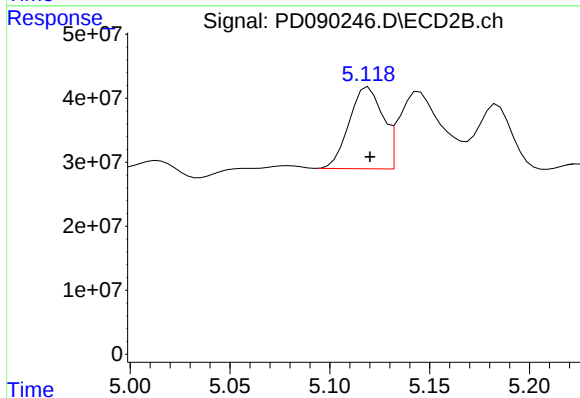
R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 48754034
Conc: 50.89 ng/ml



#25 Chlordane-3

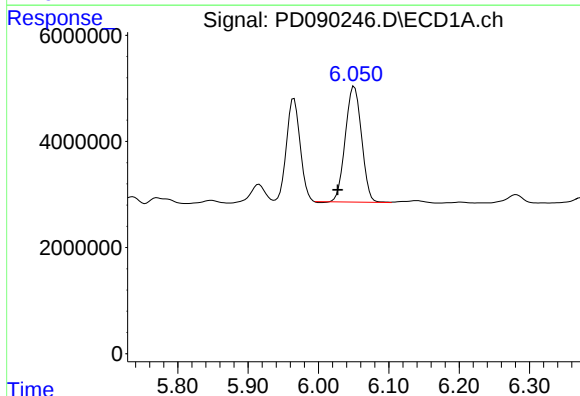
R.T.: 5.965 min
Delta R.T.: 0.023 min
Response: 19580196
Conc: 28.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



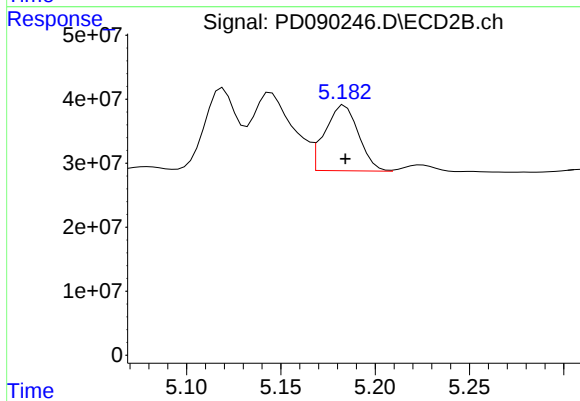
#25 Chlordane-3

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 148893298
Conc: 53.73 ng/ml



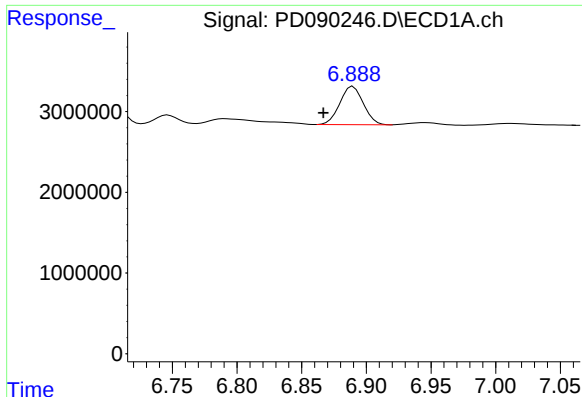
#26 Chlordane-4

R.T.: 6.051 min
Delta R.T.: 0.023 min
Response: 34890637
Conc: 42.02 ng/ml



#26 Chlordane-4

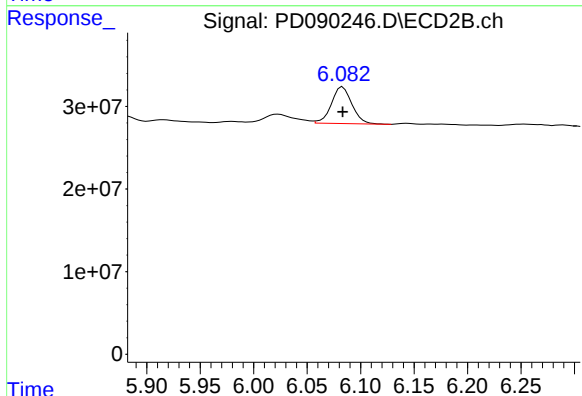
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 127610110
Conc: 53.02 ng/ml



#27 Chlordane-5

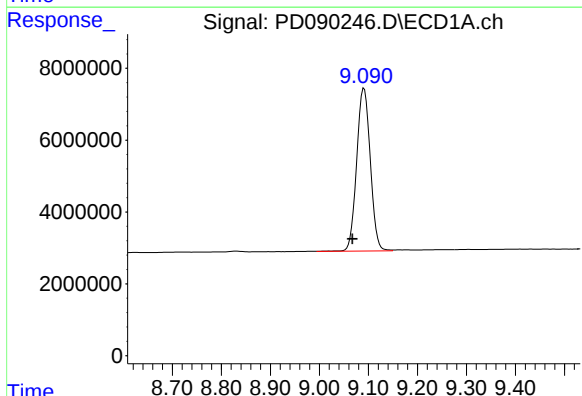
R.T.: 6.890 min
Delta R.T.: 0.023 min
Response: 5975886
Conc: 42.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2025



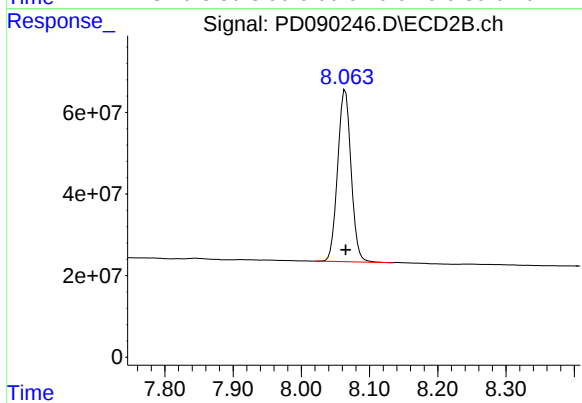
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 59415721
Conc: 54.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.024 min
Response: 87533363
Conc: 20.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 577288388
Conc: 22.30 ng/ml