

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090525\
 Data File : PL097058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 18:07
 Operator : AR\AJ
 Sample : Q2893-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 08:06:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.529	2.825	66142968	97003442	16.771	17.209
2)	SA Decachlor...	9.004	7.986	55014838	95682825	18.582	19.951
Target Compounds							
2)	A alpha-BHC	3.976	3.330	24669823	36290801	4.258	4.420
3)	MA gamma-BHC...	4.304	3.661	23909802	35015543	4.378	4.753
4)	MA Heptachlor	4.895	4.009	26466534	36415024	4.963	4.840
5)	MB Aldrin	5.234	4.292	25184293	33242161	4.794	4.727
6)	B beta-BHC	4.491	3.958	10949431	16724885	4.788	5.127
7)	B delta-BHC	4.737	4.190	31653762	33233930	7.034	4.522 #
8)	B Heptachlo...	5.652	4.794	45957467	31719420	8.931	5.015 #
9)	A Endosulfan I	6.036	5.164	21025791	31524406	4.893	5.262
10)	B gamma-Chl...	5.907	5.045	21451620	31018002	4.658	4.692
11)	B alpha-Chl...	5.988	5.110	22534725	33941509	4.789	5.198
12)	B 4,4'-DDE	6.158	5.298	17597107	27638295	4.410	4.491
13)	MA Dieldrin	6.308	5.429	21017543	28338666	4.629	4.325
14)	MA Endrin	6.534	5.708	20385060	52269154	5.443	8.848 #
15)	B Endosulfa...	6.747	5.995	24647033	29083321	5.595	5.086
16)	A 4,4'-DDD	6.667	5.850	21374826	24645907	6.773	4.719 #
17)	MA 4,4'-DDT	6.981	6.103	15909787	24117253	4.542	4.403
18)	B Endrin al...	6.876	6.173	14123283	31505698	5.429	3.341 #
19)	B Endosulfa...	7.109	6.397	17263768	28558000	5.028	5.097
20)	A Methoxychlor	7.454	6.675	2202895	15418596	1.269	5.140 #
21)	B Endrin ke...	7.589	6.899	17315193	92215243	4.870	14.733 #
22)	Mirex	8.068	7.091	15719376	24235835	5.254	4.990
24)	Chlordane-2	5.234f	0.000	25184293	0	138.243	N.D. #
25)	Chlordane-3	5.907	5.045	21451620	31018002	34.111	49.210 #
26)	Chlordane-4	5.988	5.110	22534725	33941509	27.707	60.860 #
27)	Chlordane-5	0.000	5.995	0	29083321	N.D.	129.074 #

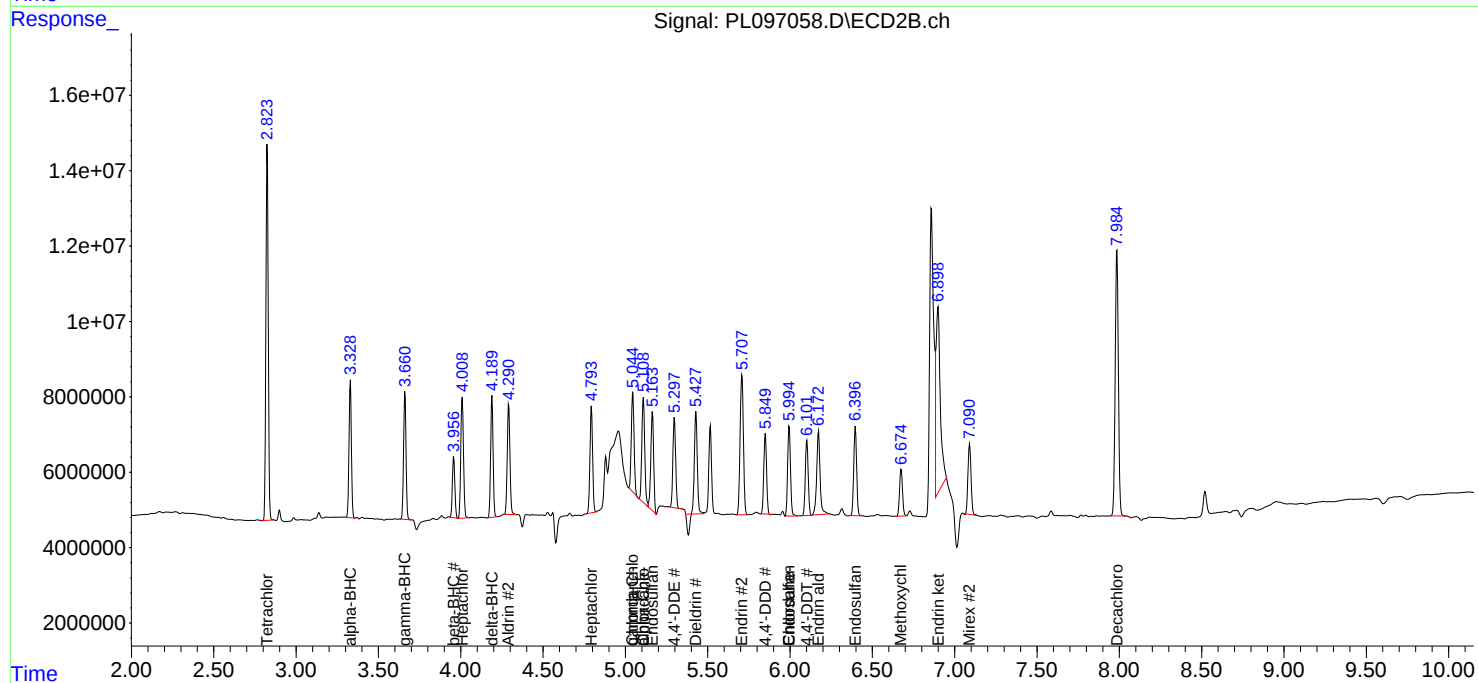
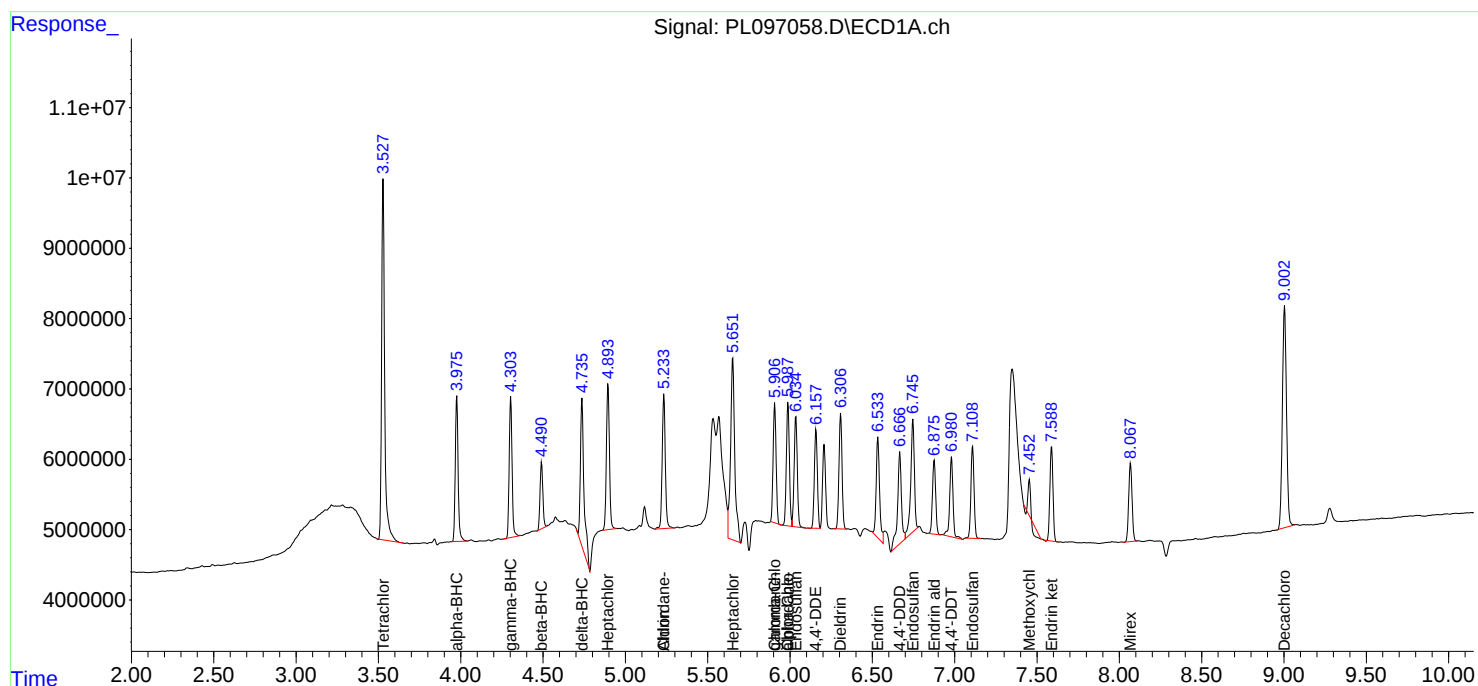
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

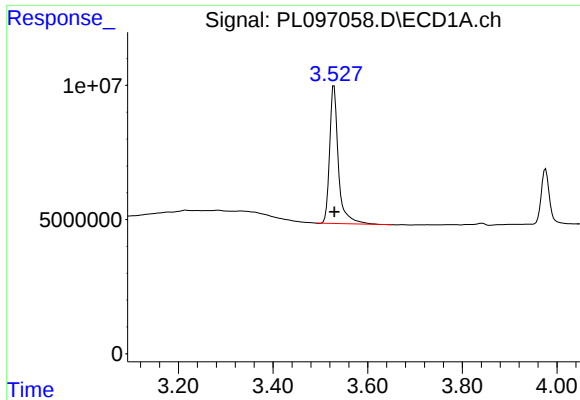
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090525\
Data File : PL097058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 18:07
Operator : AR\AJ
Sample : Q2893-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 08:06:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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 x0.25µm

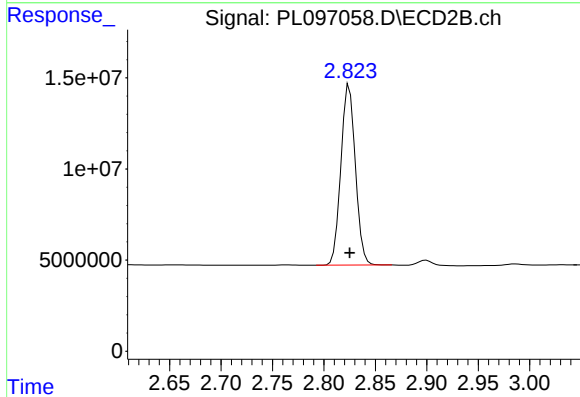




#1 Tetrachloro-m-xylene

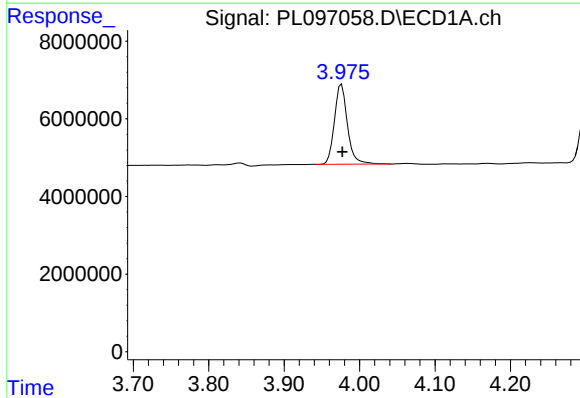
R.T.: 3.529 min
Delta R.T.: -0.001 min
Response: 66142968
Conc: 16.77 ng/ml

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



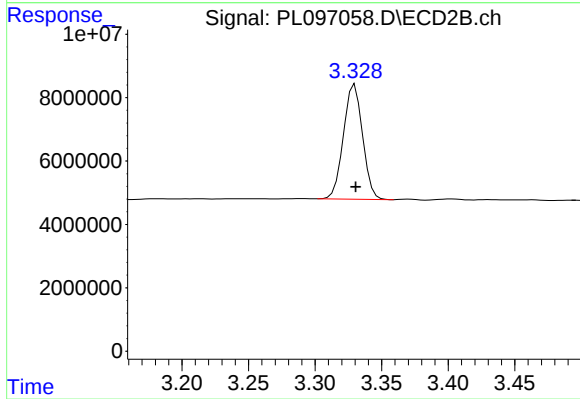
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 97003442
Conc: 17.21 ng/ml



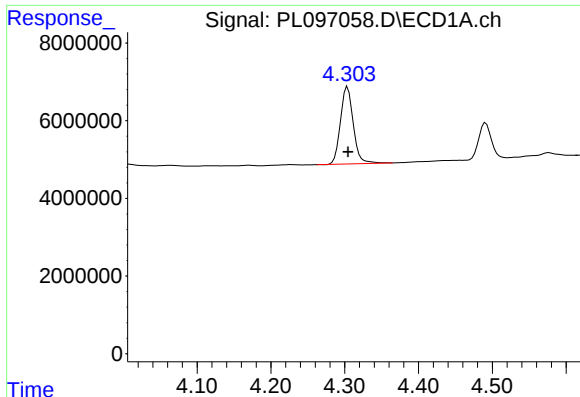
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.001 min
Response: 24669823
Conc: 4.26 ng/ml



#2 alpha-BHC

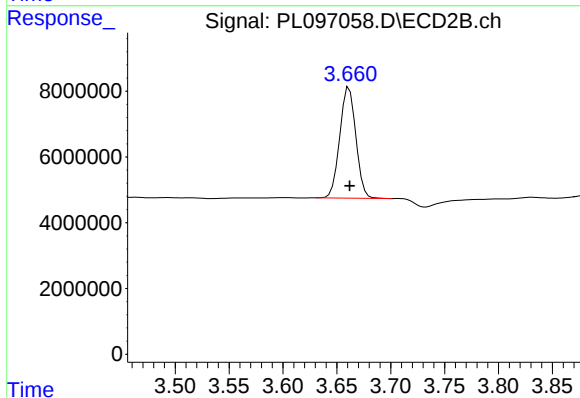
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 36290801
Conc: 4.42 ng/ml



#3 gamma-BHC (Lindane)

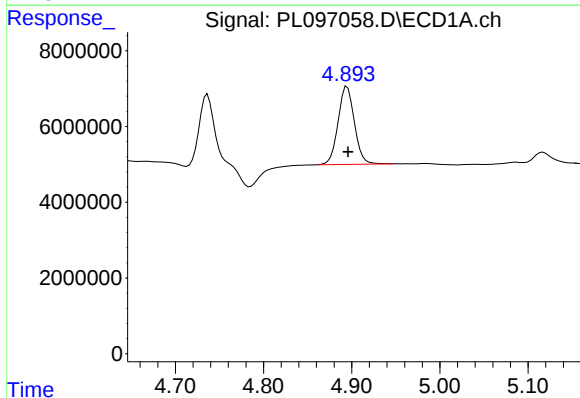
R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 23909802
Conc: 4.38 ng/ml

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



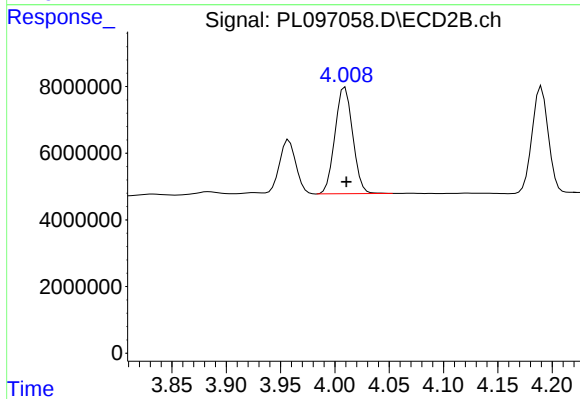
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 35015543
Conc: 4.75 ng/ml



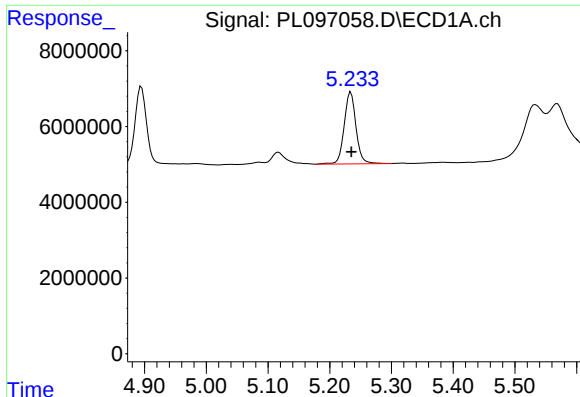
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: -0.001 min
Response: 26466534
Conc: 4.96 ng/ml



#4 Heptachlor

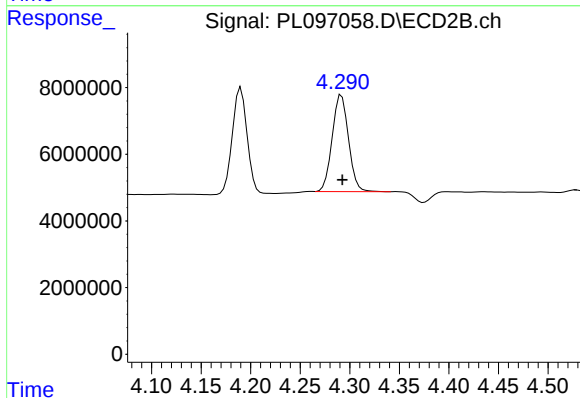
R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 36415024
Conc: 4.84 ng/ml



#5 Aldrin

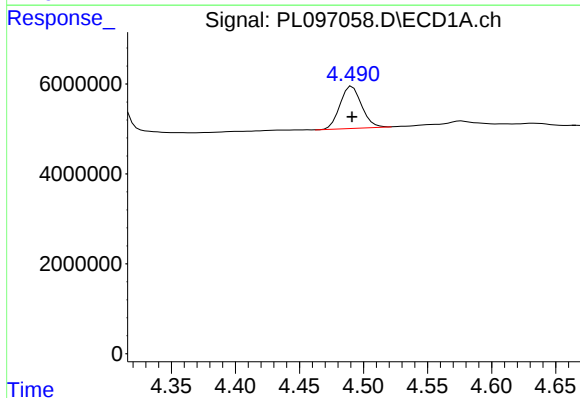
R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 25184293
Conc: 4.79 ng/ml

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



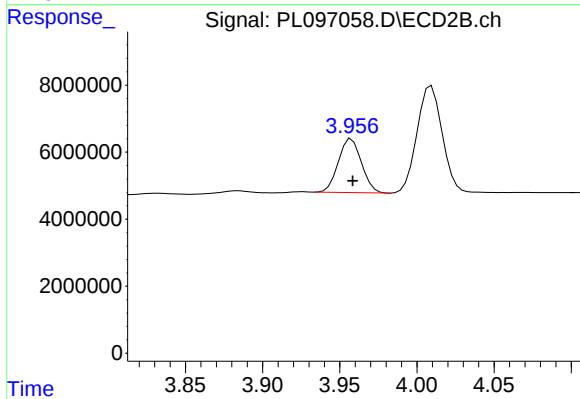
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: -0.001 min
Response: 33242161
Conc: 4.73 ng/ml



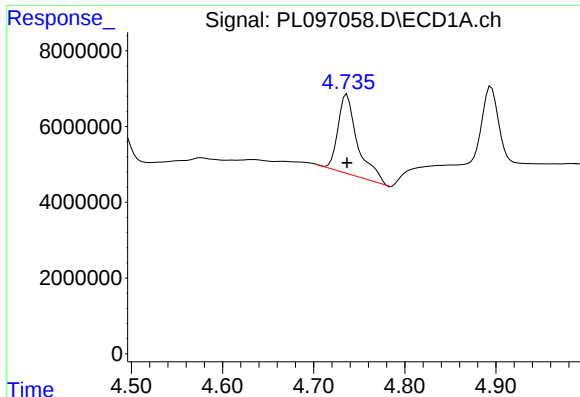
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 10949431
Conc: 4.79 ng/ml



#6 beta-BHC

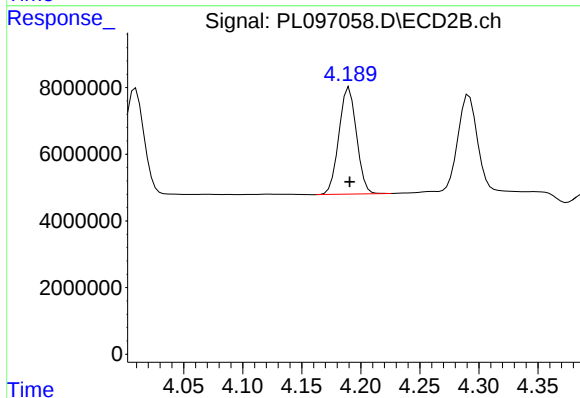
R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 16724885
Conc: 5.13 ng/ml



#7 delta-BHC

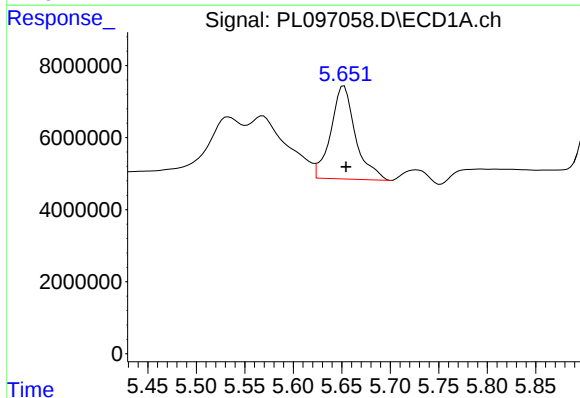
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 31653762
Conc: 7.03 ng/ml

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



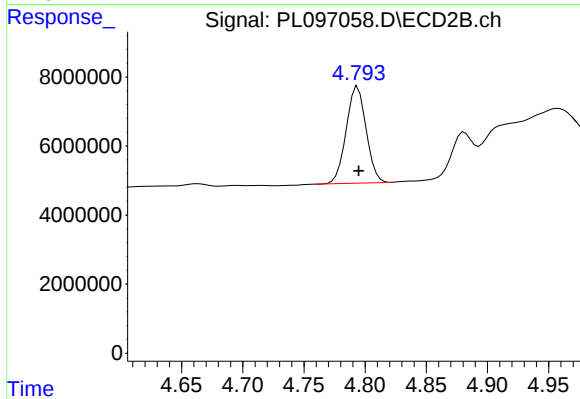
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 33233930
Conc: 4.52 ng/ml



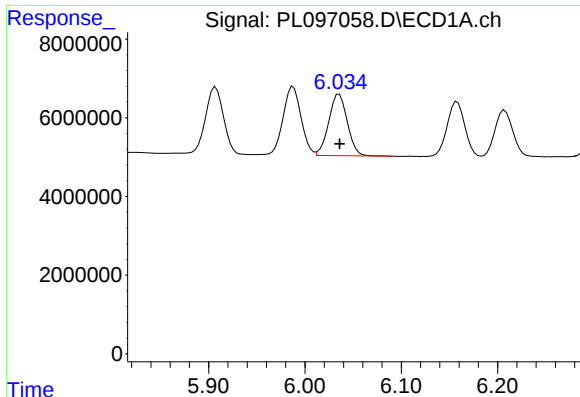
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 45957467
Conc: 8.93 ng/ml



#8 Heptachlor epoxide

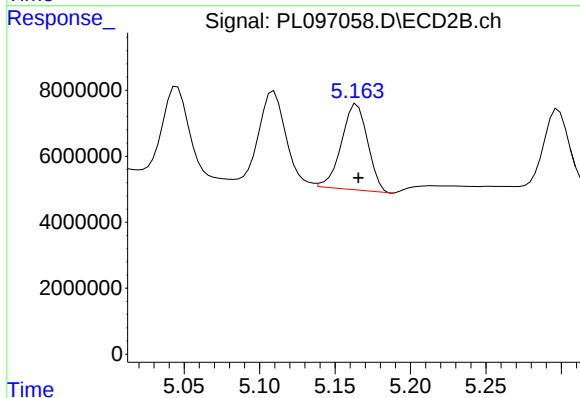
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 31719420
Conc: 5.01 ng/ml



#9 Endosulfan I

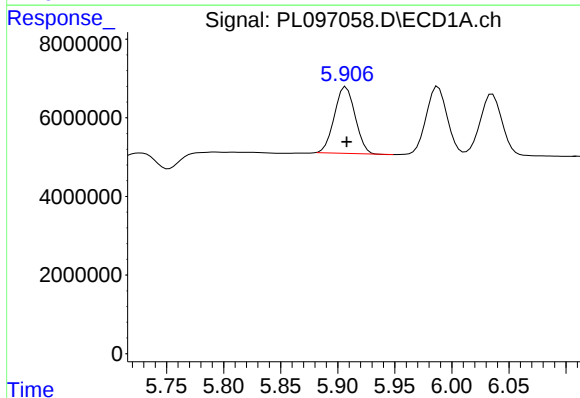
R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 21025791
Conc: 4.89 ng/ml

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



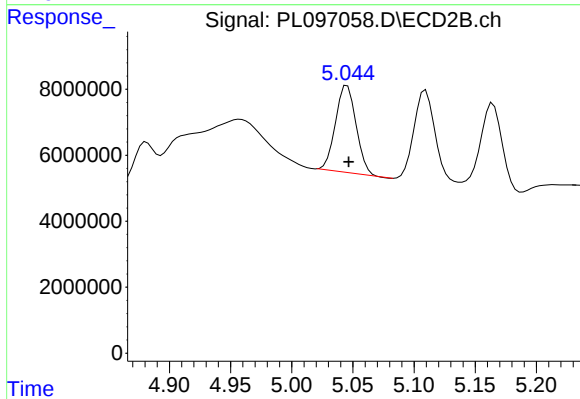
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 31524406
Conc: 5.26 ng/ml



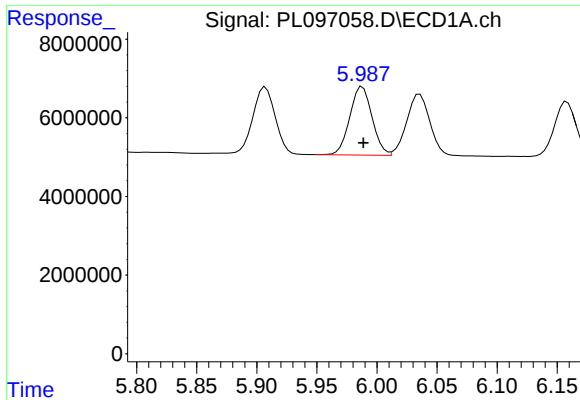
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 21451620
Conc: 4.66 ng/ml



#10 gamma-Chlordane

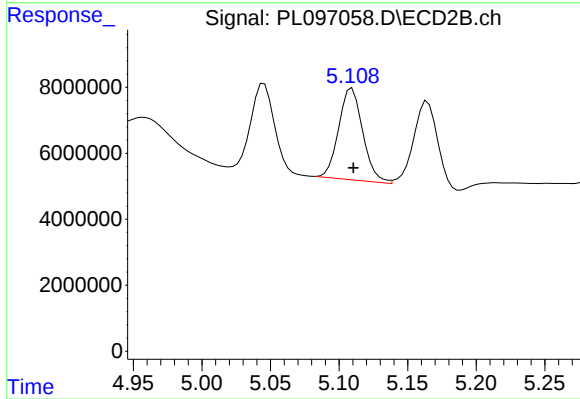
R.T.: 5.045 min
Delta R.T.: -0.001 min
Response: 31018002
Conc: 4.69 ng/ml



#11 alpha-Chlordane

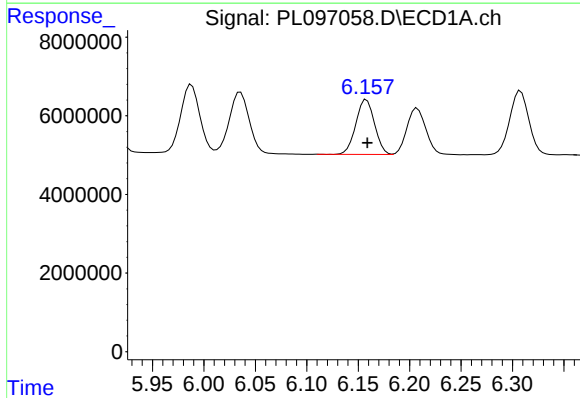
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 22534725
Conc: 4.79 ng/ml

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



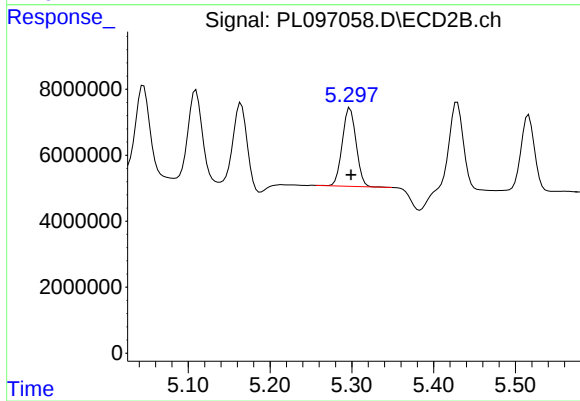
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 33941509
Conc: 5.20 ng/ml



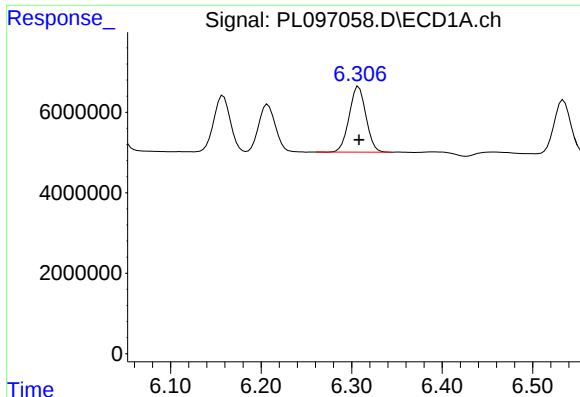
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 17597107
Conc: 4.41 ng/ml



#12 4,4'-DDE

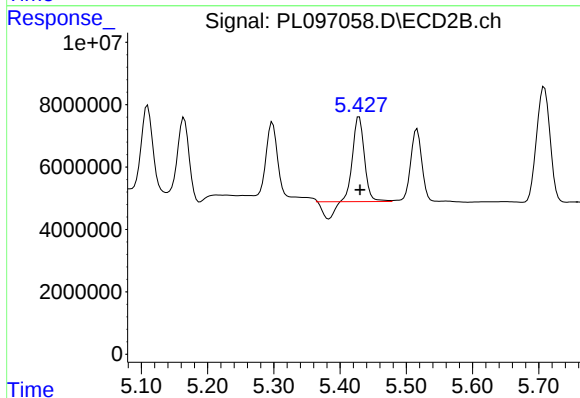
R.T.: 5.298 min
Delta R.T.: -0.001 min
Response: 27638295
Conc: 4.49 ng/ml



#13 Dieldrin

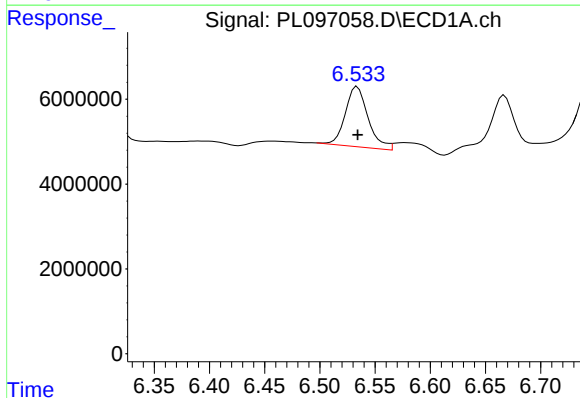
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 21017543
Conc: 4.63 ng/ml

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



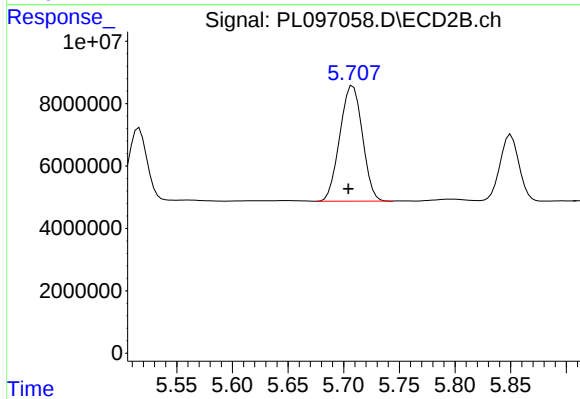
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.001 min
Response: 28338666
Conc: 4.32 ng/ml



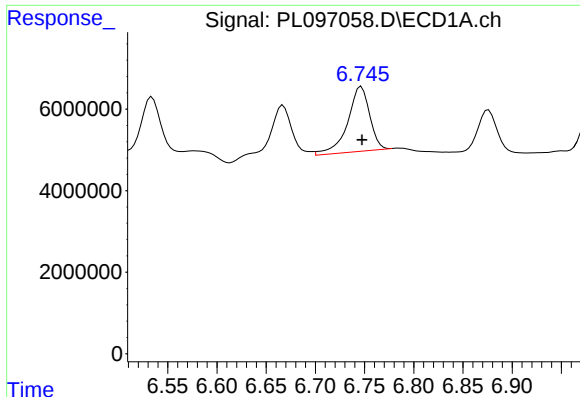
#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 20385060
Conc: 5.44 ng/ml



#14 Endrin

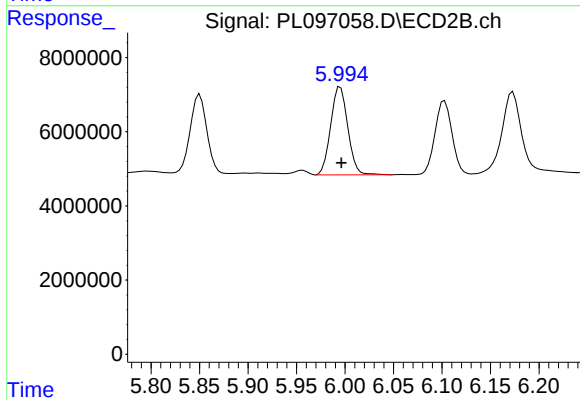
R.T.: 5.708 min
Delta R.T.: 0.004 min
Response: 52269154
Conc: 8.85 ng/ml



#15 Endosulfan II

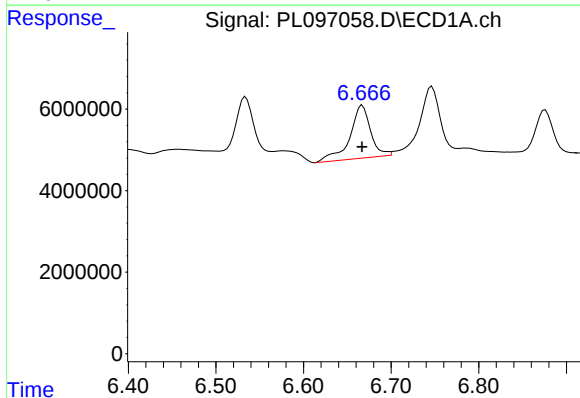
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 24647033
Conc: 5.60 ng/ml

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



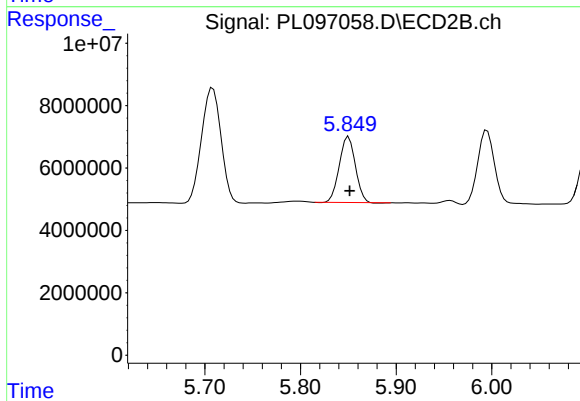
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 29083321
Conc: 5.09 ng/ml



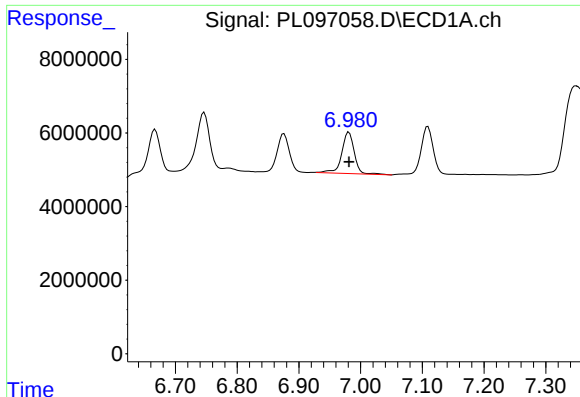
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 21374826
Conc: 6.77 ng/ml



#16 4,4'-DDD

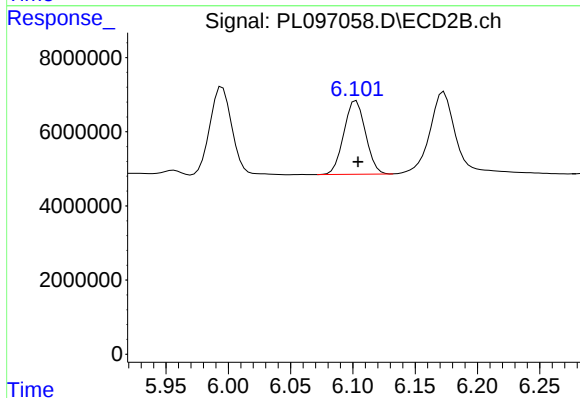
R.T.: 5.850 min
Delta R.T.: -0.001 min
Response: 24645907
Conc: 4.72 ng/ml



#17 4,4'-DDT

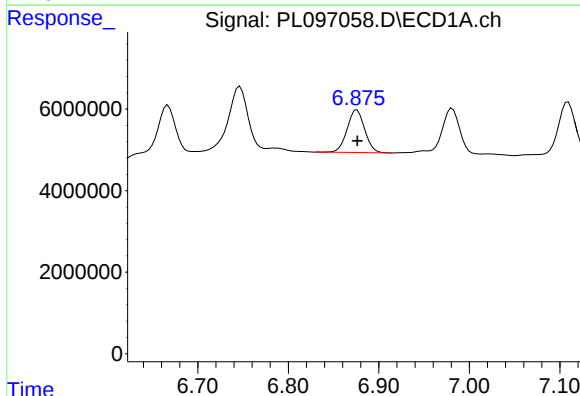
R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 15909787
Conc: 4.54 ng/ml

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



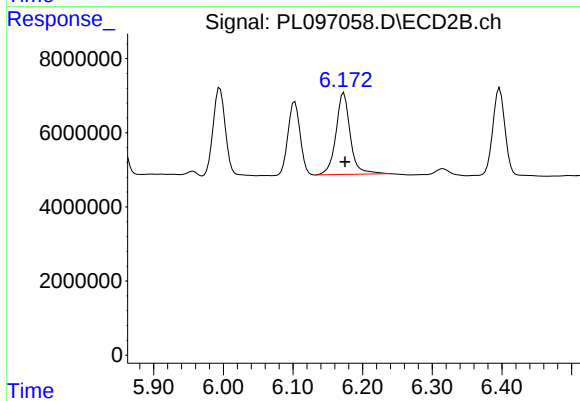
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 24117253
Conc: 4.40 ng/ml



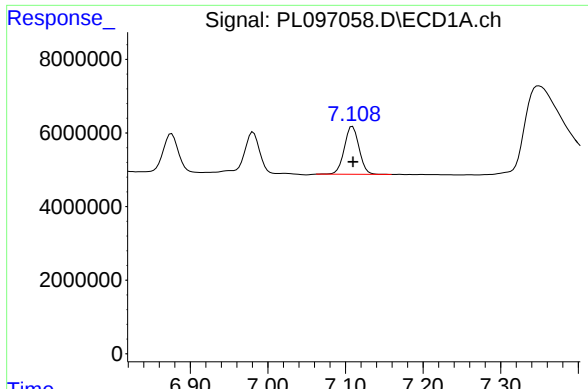
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 14123283
Conc: 5.43 ng/ml



#18 Endrin aldehyde

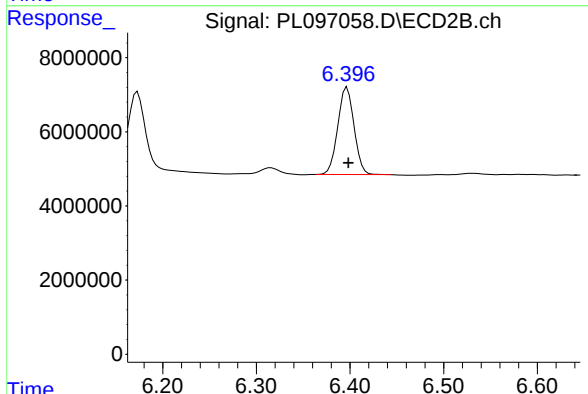
R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 31505698
Conc: 3.34 ng/ml



#19 Endosulfan Sulfate

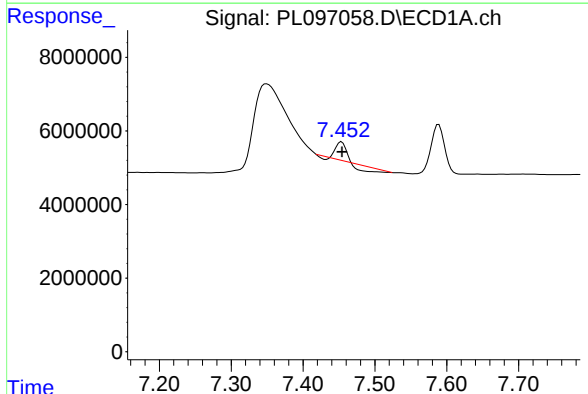
R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 17263768
Conc: 5.03 ng/ml

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



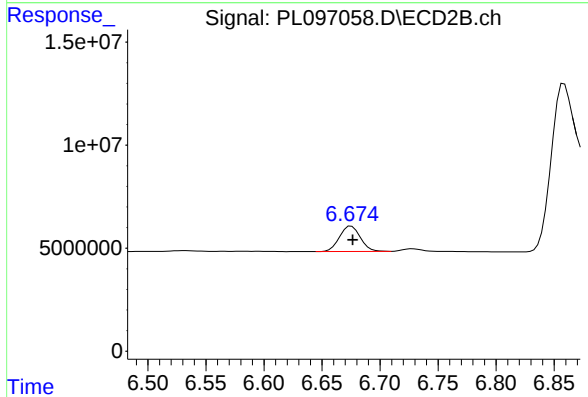
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.001 min
Response: 28558000
Conc: 5.10 ng/ml



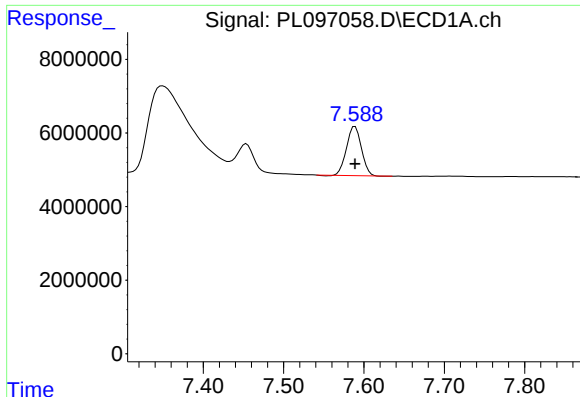
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 2202895
Conc: 1.27 ng/ml



#20 Methoxychlor

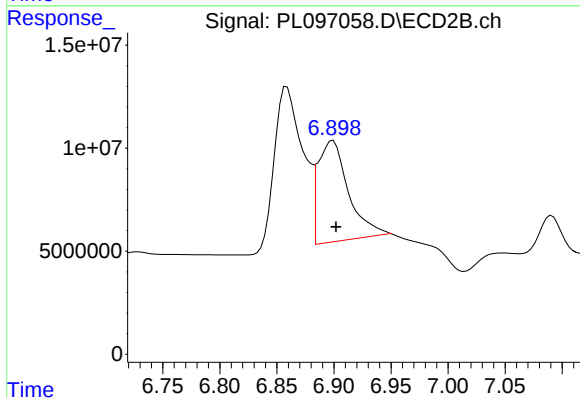
R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 15418596
Conc: 5.14 ng/ml



#21 Endrin ketone

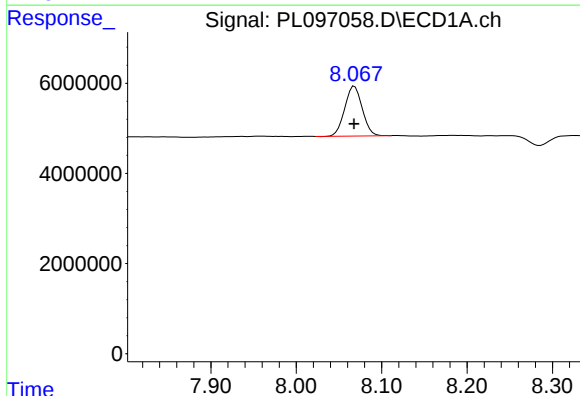
R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 17315193
Conc: 4.87 ng/ml

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



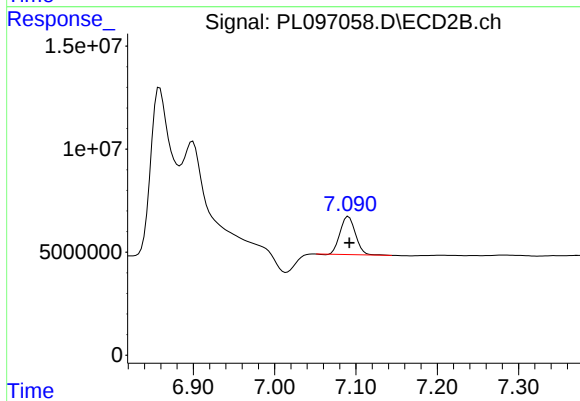
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 92215243
Conc: 14.73 ng/ml



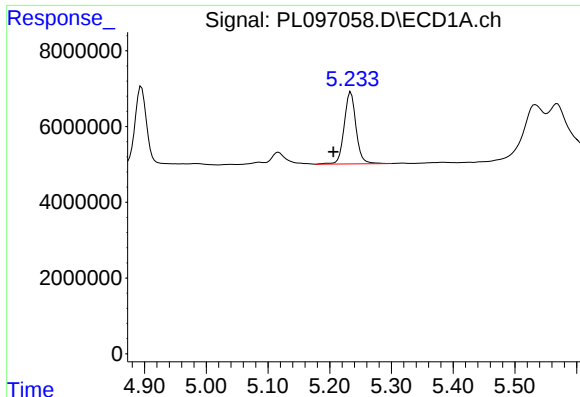
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 15719376
Conc: 5.25 ng/ml



#22 Mirex

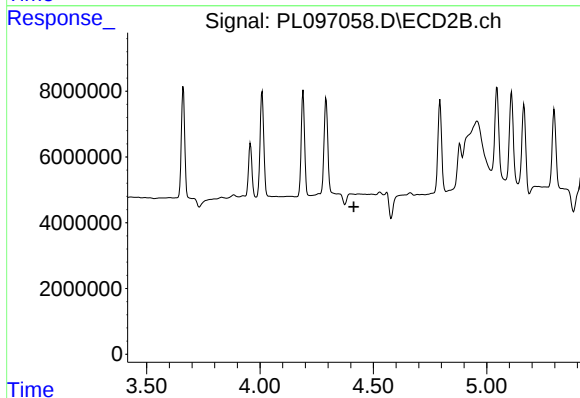
R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 24235835
Conc: 4.99 ng/ml



#24 Chlordane-2

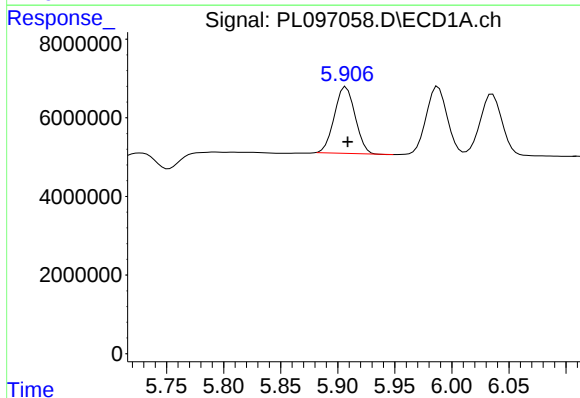
R.T.: 5.234 min
Delta R.T.: 0.028 min
Response: 25184293
Conc: 138.24 ng/ml

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



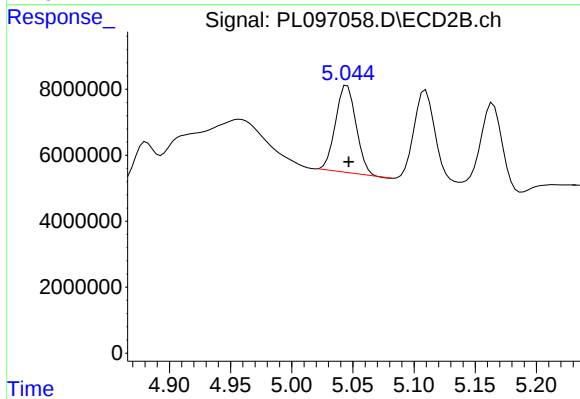
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.413 min
Response: 0
Conc: N.D.



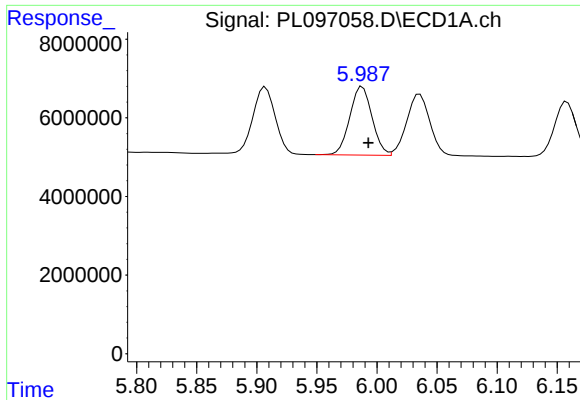
#25 Chlordane-3

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 21451620
Conc: 34.11 ng/ml



#25 Chlordane-3

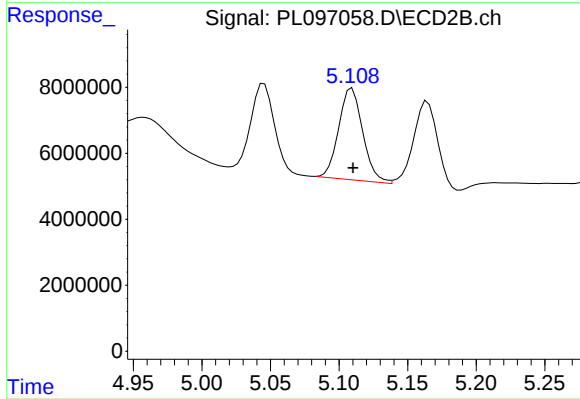
R.T.: 5.045 min
Delta R.T.: -0.001 min
Response: 31018002
Conc: 49.21 ng/ml



#26 Chlordane-4

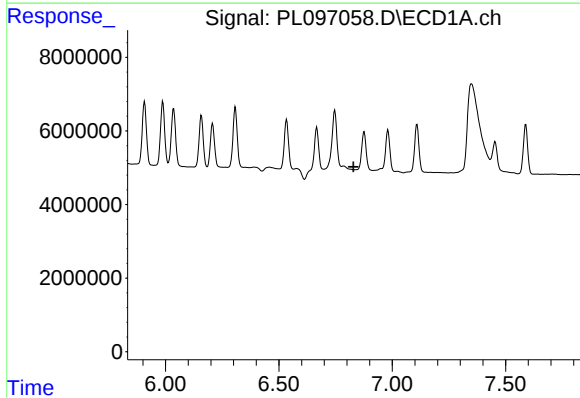
R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 22534725
Conc: 27.71 ng/ml

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



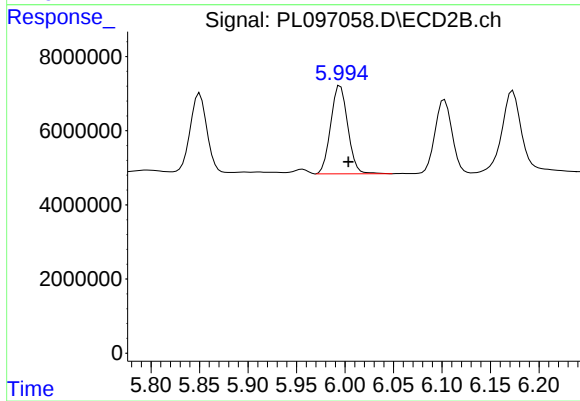
#26 Chlordane-4

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 33941509
Conc: 60.86 ng/ml



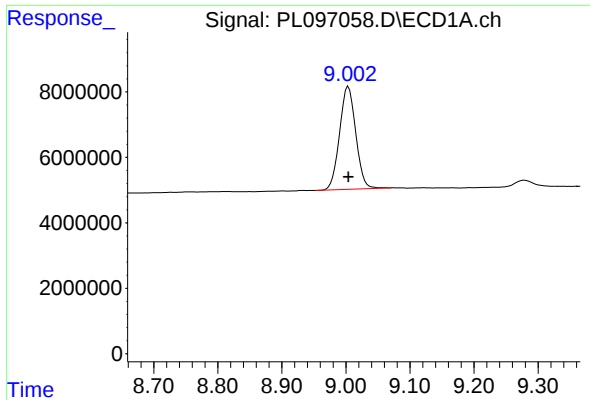
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.830 min
Response: 0
Conc: N.D.



#27 Chlordane-5

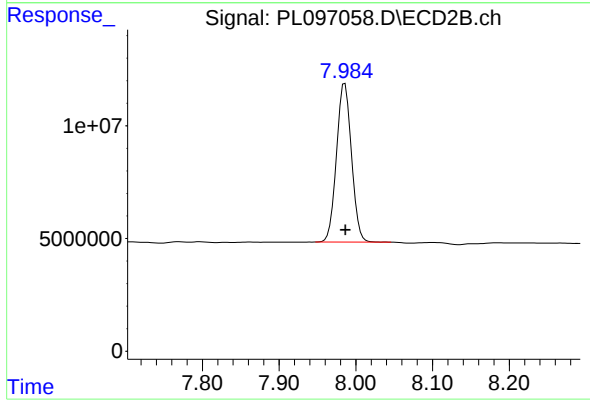
R.T.: 5.995 min
Delta R.T.: -0.008 min
Response: 29083321
Conc: 129.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: 0.000 min
Response: 55014838
Conc: 18.58 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 95682825
Conc: 19.95 ng/ml