

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 14:29
 Operator : AR\AJ
 Sample : 05884-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/20/2023
 Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 23:47:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.424	2.681	43541307	21247111	11.570	12.622
28)	SA Decachlor...	8.985	7.873	46511955	19630931	13.640	11.623
Target Compounds							
2)	A alpha-BHC	3.879	3.185	171.9E6	67003567	31.744m	27.264
3)	MA gamma-BHC...	4.214	3.516	162.1E6	70702134	30.848	29.187
4)	MA Heptachlor	4.807	3.858	174.7E6	73467990	32.792	30.736
5)	MB Aldrin	5.150	4.139	171.1E6	69658159	32.864	29.051
6)	B beta-BHC	4.412	3.817	70086479	31438291	30.515m	30.200
7)	B delta-BHC	4.659	4.046	157.1E6	70381398	30.035m	28.772
8)	B Heptachlo...	5.580	4.647	154.1E6	66959543	32.698	30.090
9)	A Endosulfan I	5.968	5.018	152.4E6	63714267	34.132	29.481
10)	B gamma-Chl...	5.838	4.900	164.2E6	69288633	33.870	30.292
11)	B alpha-Chl...	5.919	4.965	160.7E6	68093393	33.426	29.503
12)	B 4,4'-DDE	6.100	5.163	136.0E6	60340890	32.824	30.390
13)	MA Dieldrin	6.245	5.286	150.7E6	65850930	32.478	29.559
14)	MA Endrin	6.476	5.561	127.6E6	58591140	33.170	29.360
15)	B Endosulfa...	6.697	5.859	121.4E6	56910140	30.261	29.229
16)	A 4,4'-DDD	6.621	5.722	104.1E6	49910763	31.490	30.144
17)	MA 4,4'-DDT	6.938	5.975	119.0E6	57587612	31.647	31.224
18)	B Endrin al...	6.828	6.041	90993367	42926322	31.395m	29.249
19)	B Endosulfa...	7.066	6.265	122.5E6	56024983	31.198	29.740m
20)	A Methoxychlor	7.423	6.561	62613967	31609918	32.111	30.948
21)	B Endrin ke...	7.551	6.773	122.4E6	62008437	30.078	29.130
22)	Mirex	8.029	6.955	100.9E6	47497603	29.971	26.697

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 14:29
Operator : AR\AJ
Sample : 05884-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

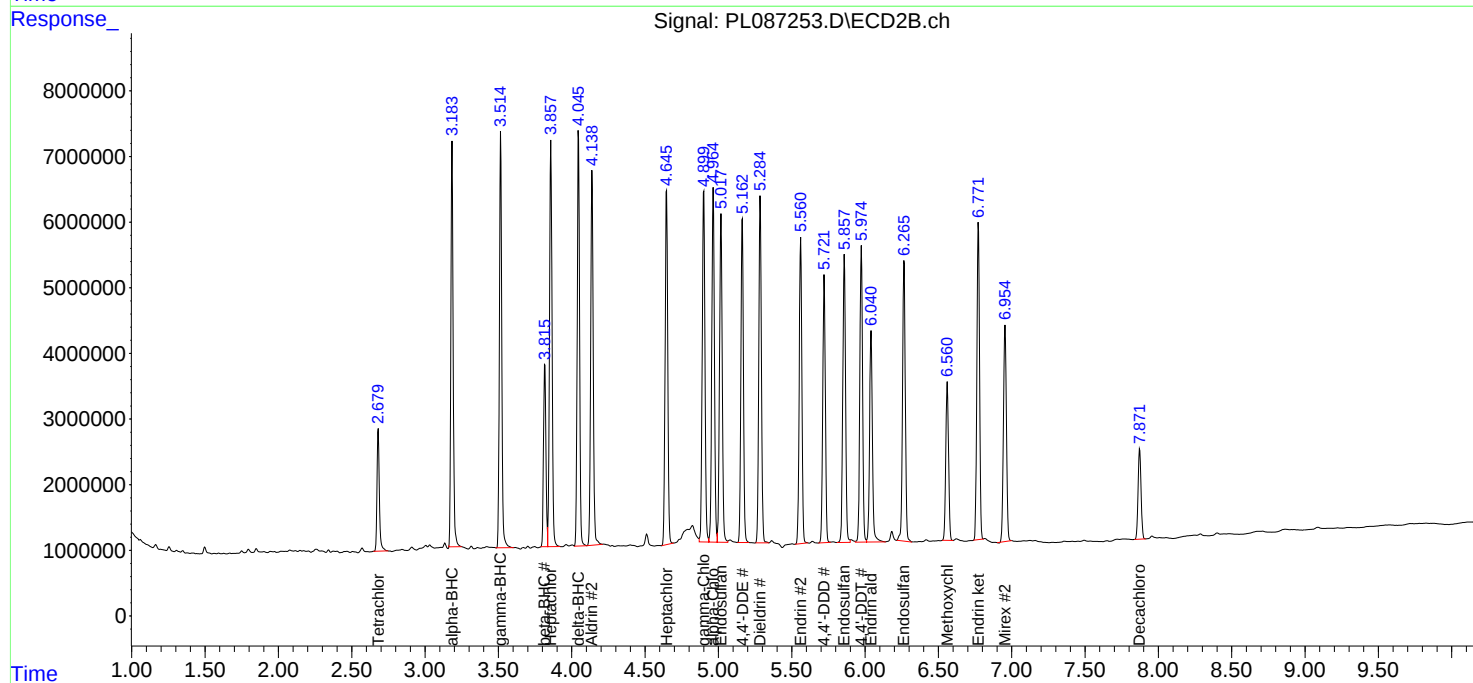
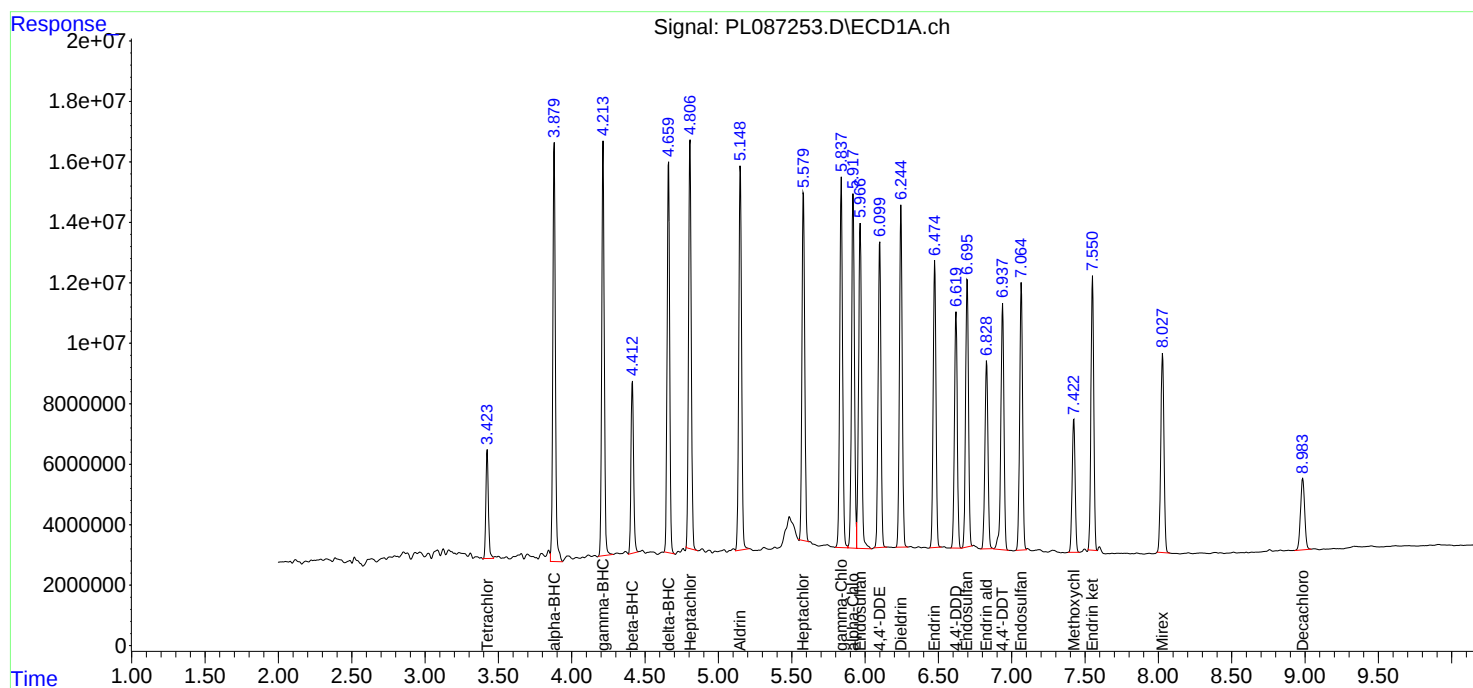
Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

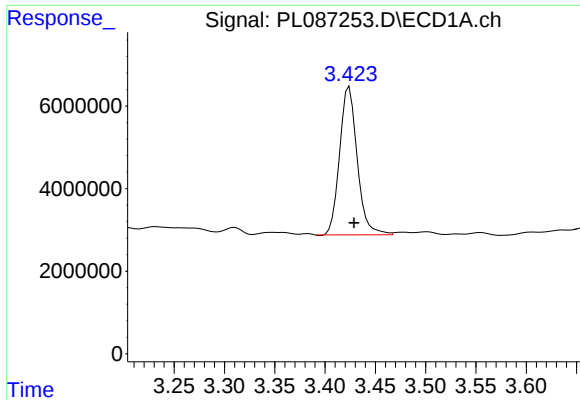
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 23:47:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





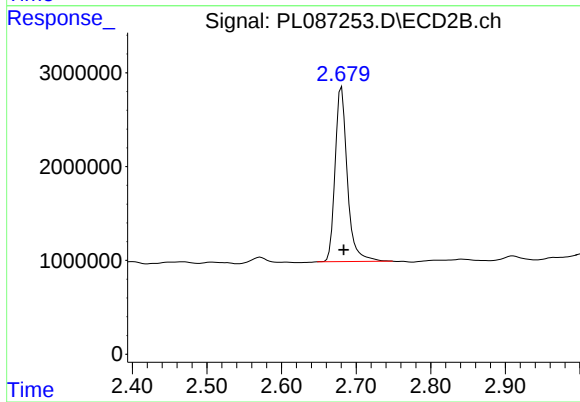
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: -0.005 min
Response: 43541307
Conc: 11.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

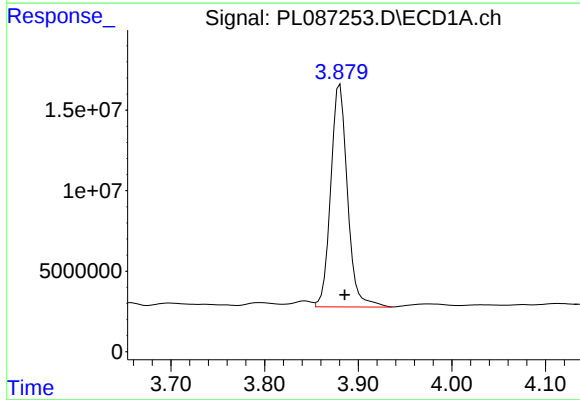
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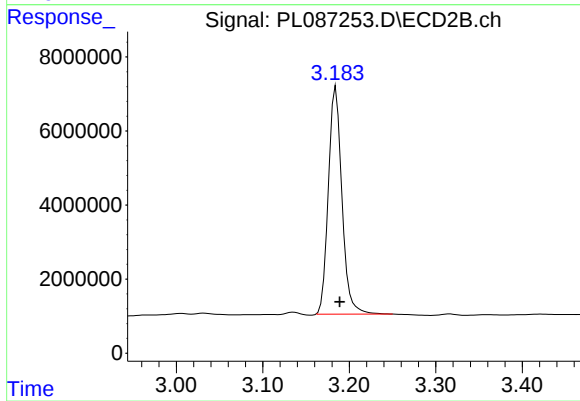
#1 Tetrachloro-m-xylene

R.T.: 2.681 min
Delta R.T.: -0.003 min
Response: 21247111
Conc: 12.62 ng/ml



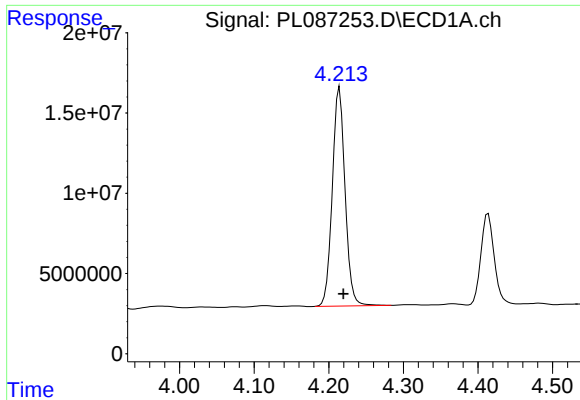
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 171866678
Conc: 31.74 ng/ml m



#2 alpha-BHC

R.T.: 3.185 min
Delta R.T.: -0.004 min
Response: 67003567
Conc: 27.26 ng/ml



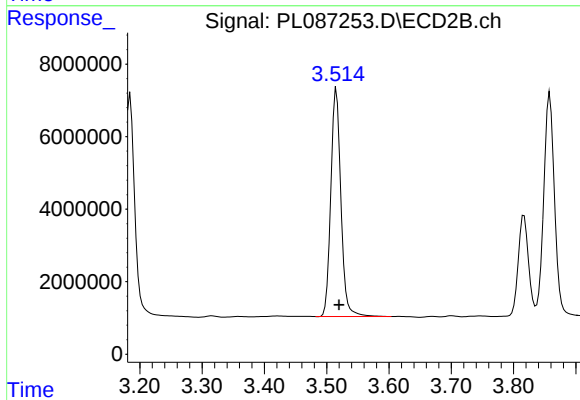
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: -0.005 min
Response: 162125390
Conc: 30.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

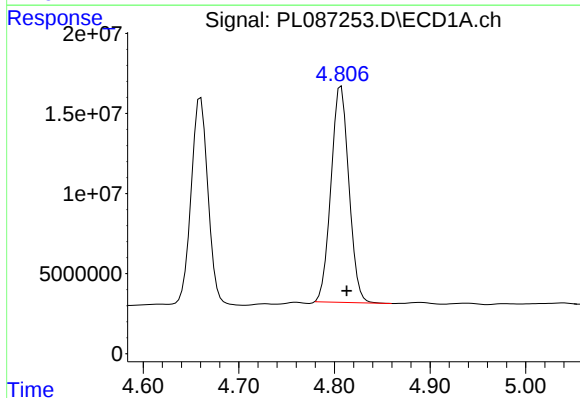
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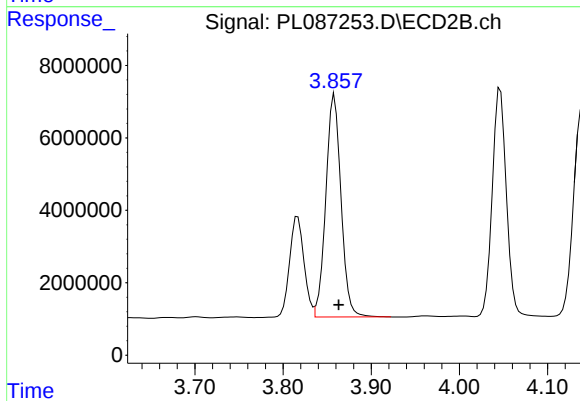
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 70702134
Conc: 29.19 ng/ml



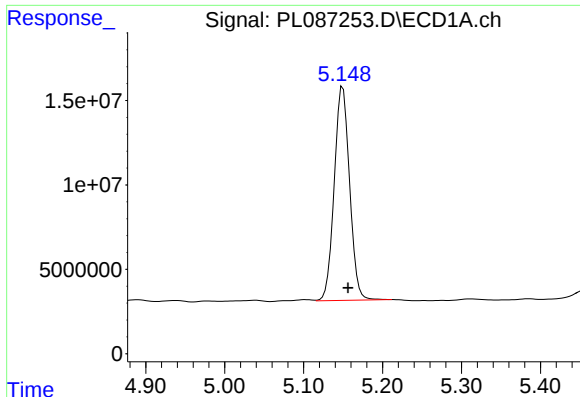
#4 Heptachlor

R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 174669647
Conc: 32.79 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.005 min
Response: 73467990
Conc: 30.74 ng/ml



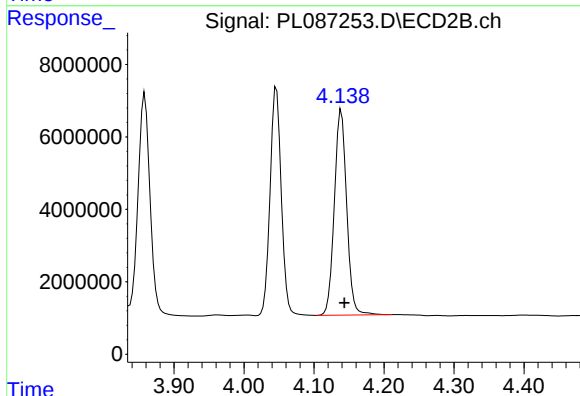
#5 Aldrin

R.T.: 5.150 min
Delta R.T.: -0.007 min
Response: 171103103
Conc: 32.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

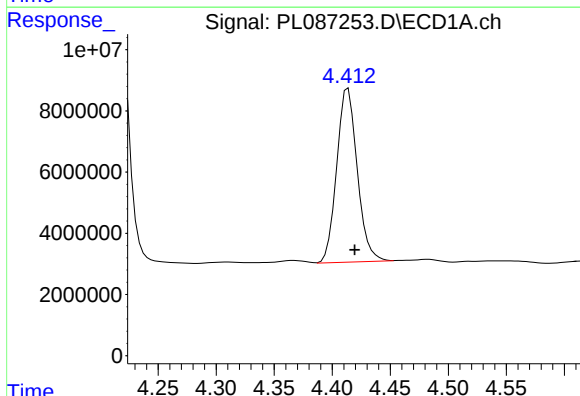
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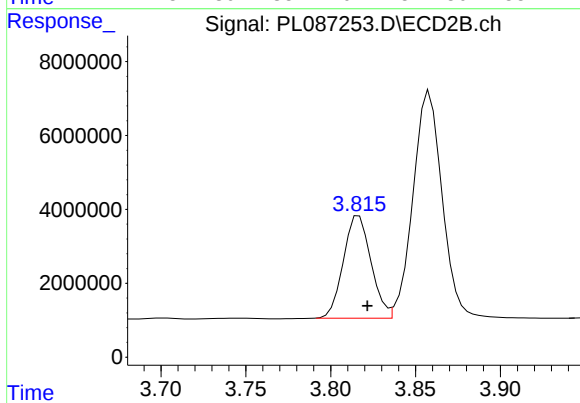
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: -0.004 min
Response: 69658159
Conc: 29.05 ng/ml



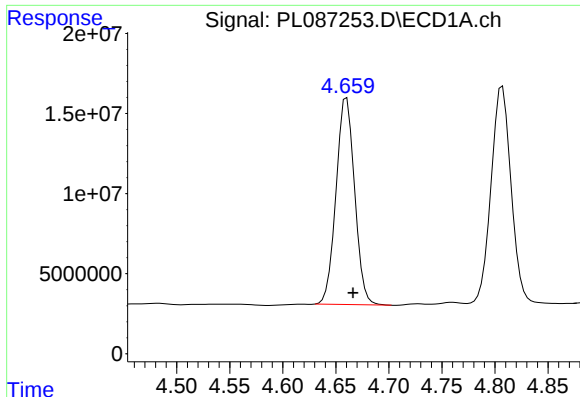
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.007 min
Response: 70086479
Conc: 30.51 ng/ml m



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.005 min
Response: 31438291
Conc: 30.20 ng/ml



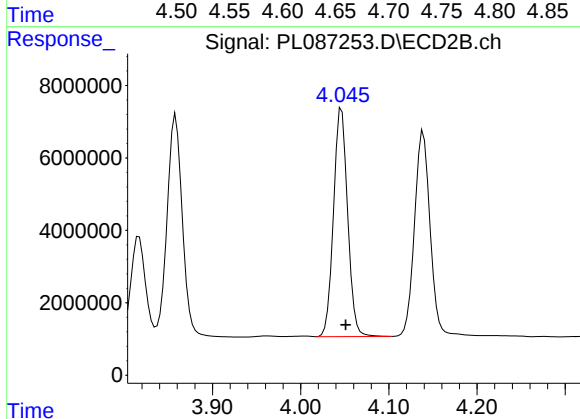
#7 delta-BHC

R.T.: 4.659 min
Delta R.T.: -0.007 min
Response: 157064908
Conc: 30.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

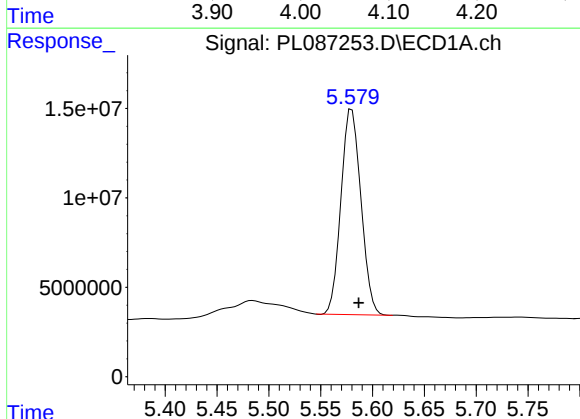
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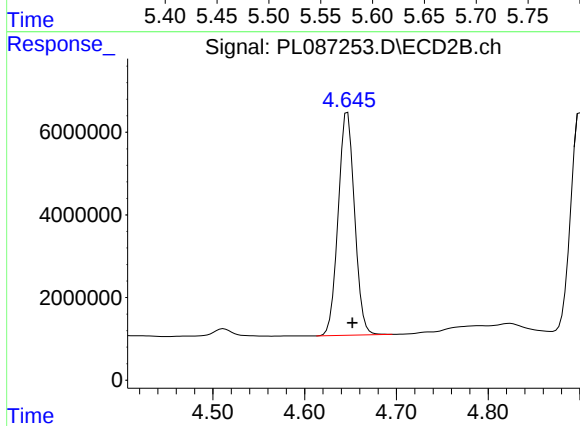
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: -0.005 min
Response: 70381398
Conc: 28.77 ng/ml



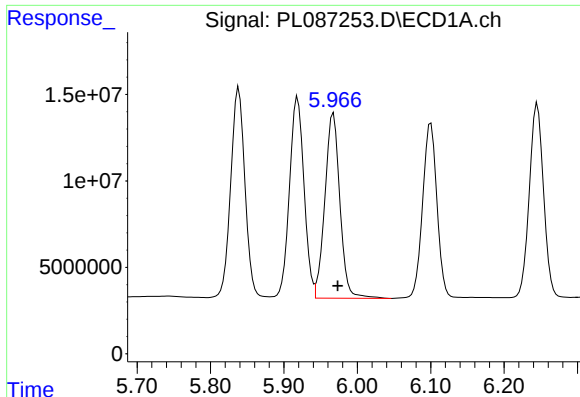
#8 Heptachlor epoxide

R.T.: 5.580 min
Delta R.T.: -0.007 min
Response: 154100939
Conc: 32.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 66959543
Conc: 30.09 ng/ml



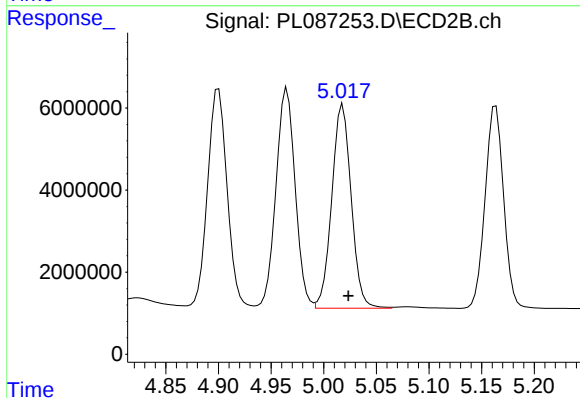
#9 Endosulfan I

R.T.: 5.968 min
Delta R.T.: -0.006 min
Response: 152445976
Conc: 34.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

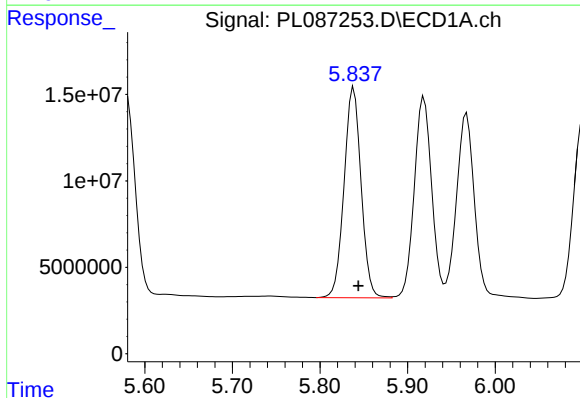
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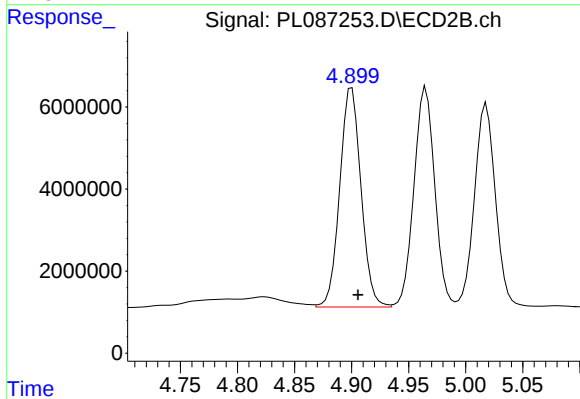
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.005 min
Response: 63714267
Conc: 29.48 ng/ml



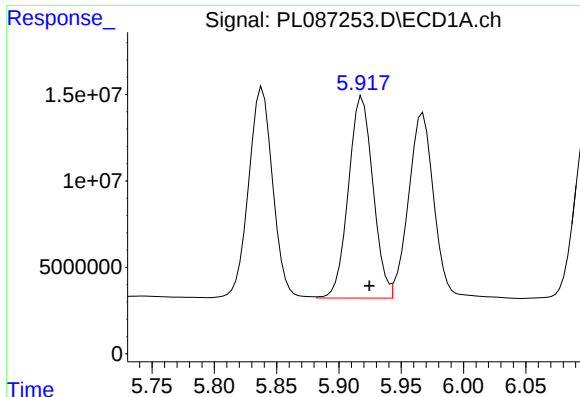
#10 gamma-Chlordane

R.T.: 5.838 min
Delta R.T.: -0.005 min
Response: 164203197
Conc: 33.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 69288633
Conc: 30.29 ng/ml



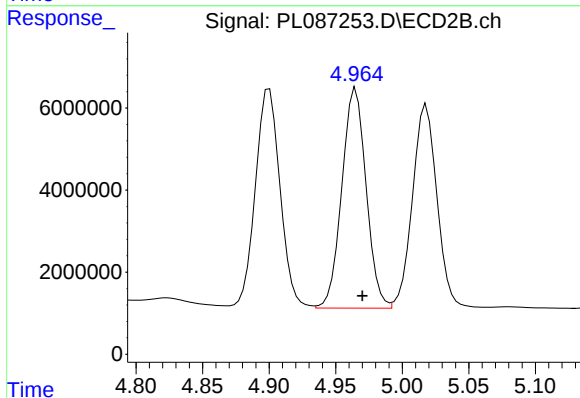
#11 alpha-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.006 min
Response: 160650729
Conc: 33.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

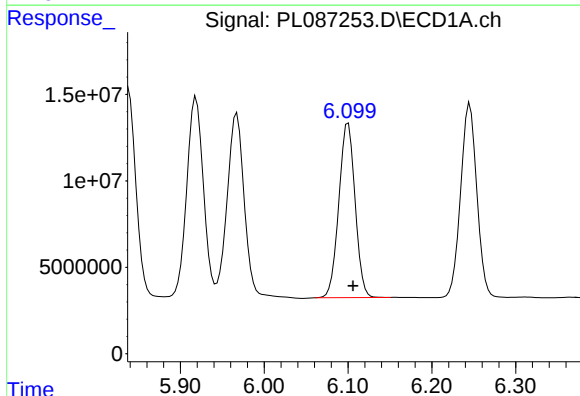
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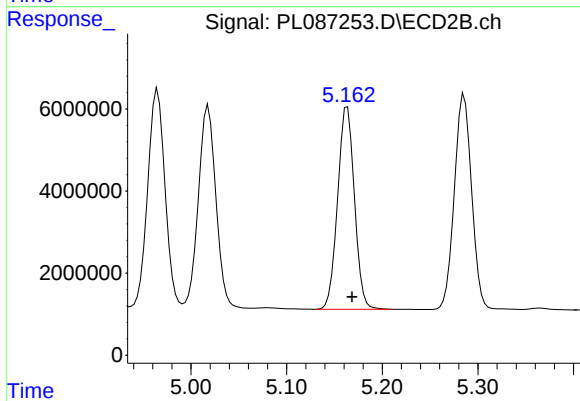
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.005 min
Response: 68093393
Conc: 29.50 ng/ml



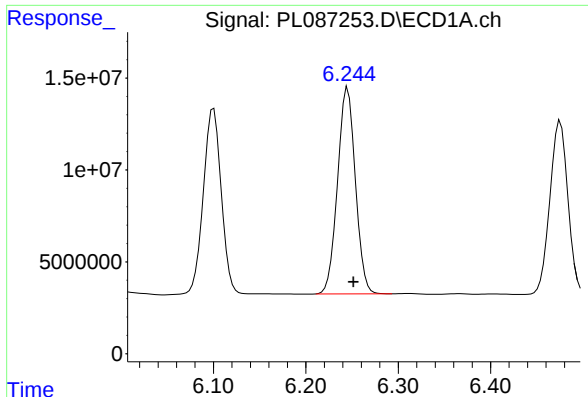
#12 4,4'-DDE

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 136024774
Conc: 32.82 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.005 min
Response: 60340890
Conc: 30.39 ng/ml



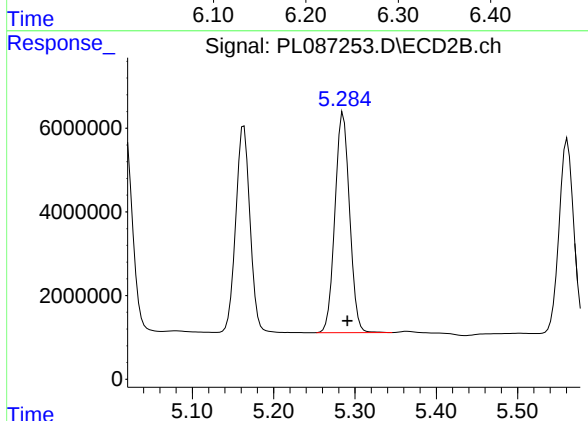
#13 Dieldrin

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 150728077
Conc: 32.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

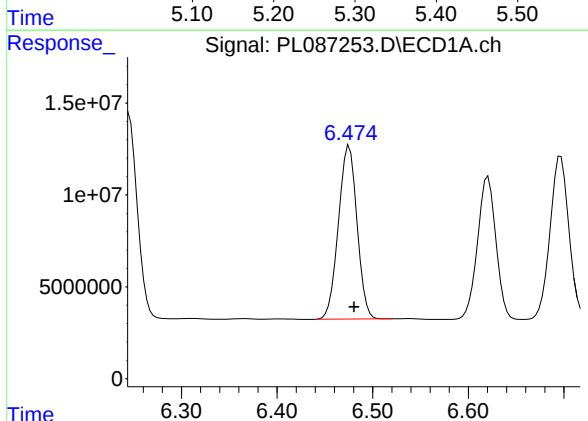
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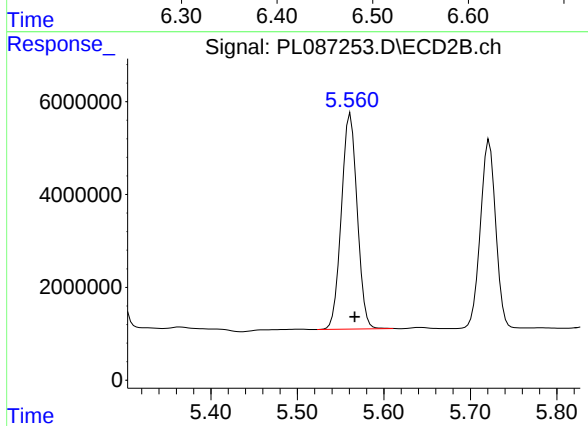
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 65850930
Conc: 29.56 ng/ml



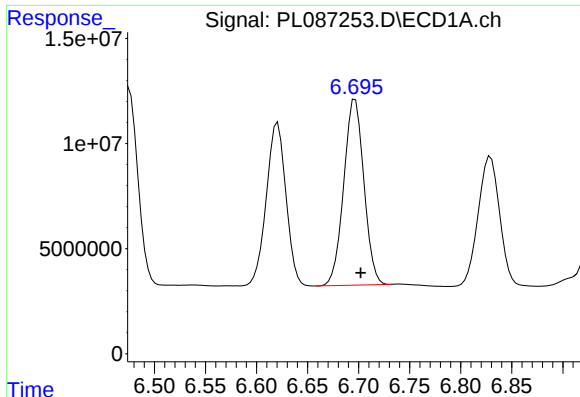
#14 Endrin

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 127615906
Conc: 33.17 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.005 min
Response: 58591140
Conc: 29.36 ng/ml



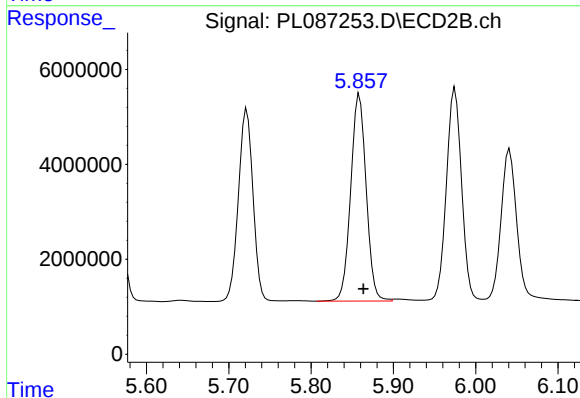
#15 Endosulfan II

R.T.: 6.697 min
Delta R.T.: -0.005 min
Response: 121357455
Conc: 30.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

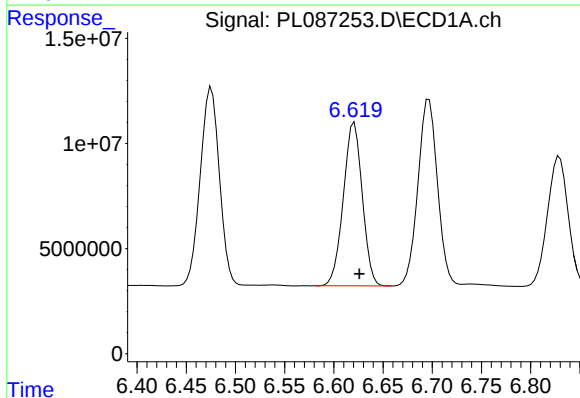
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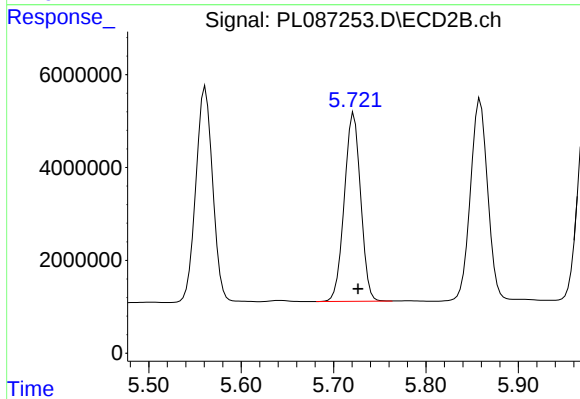
#15 Endosulfan II

R.T.: 5.859 min
Delta R.T.: -0.005 min
Response: 56910140
Conc: 29.23 ng/ml



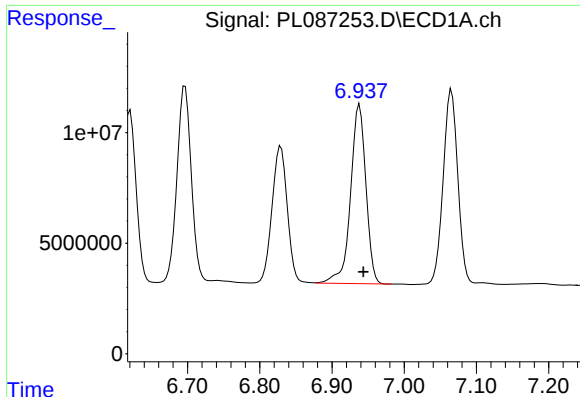
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: -0.005 min
Response: 104078342
Conc: 31.49 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.005 min
Response: 49910763
Conc: 30.14 ng/ml



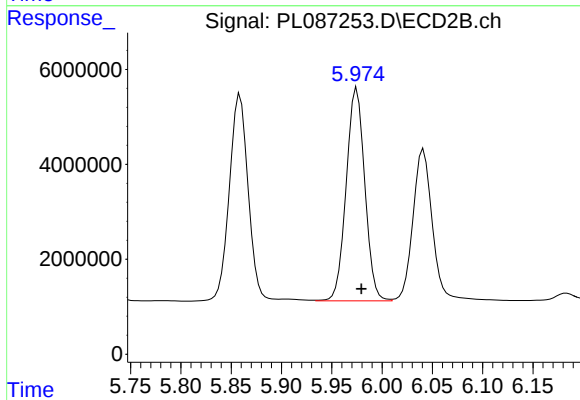
#17 4,4'-DDT

R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 118999899
Conc: 31.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

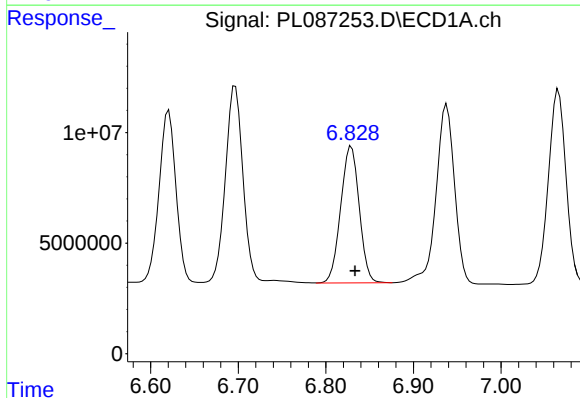
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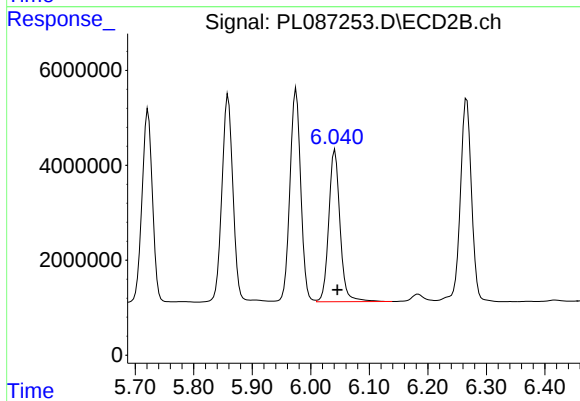
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: -0.005 min
Response: 57587612
Conc: 31.22 ng/ml



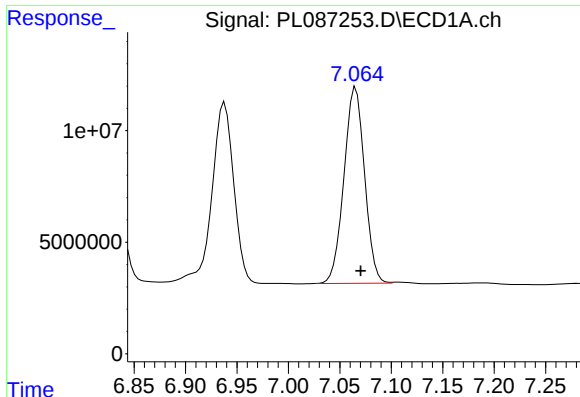
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: -0.006 min
Response: 90993367
Conc: 31.39 ng/ml m



#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 42926322
Conc: 29.25 ng/ml



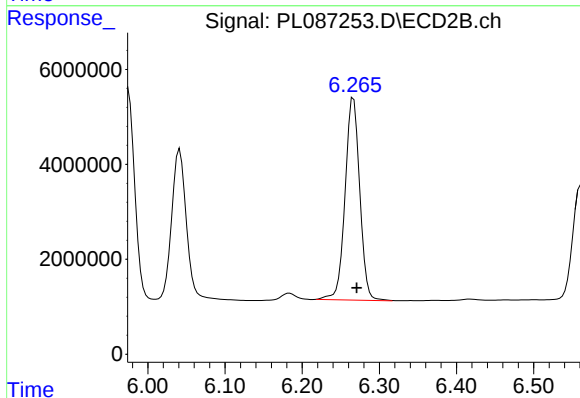
#19 Endosulfan Sulfate

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 122510281
Conc: 31.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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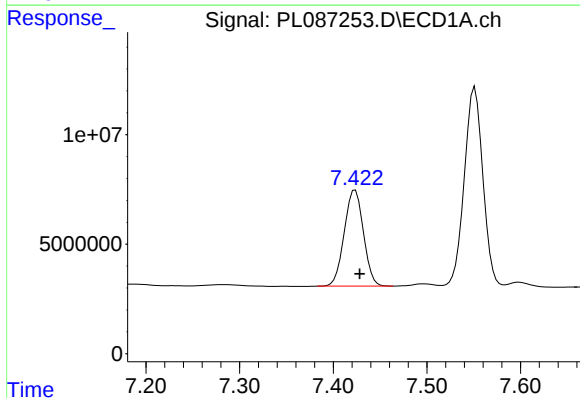
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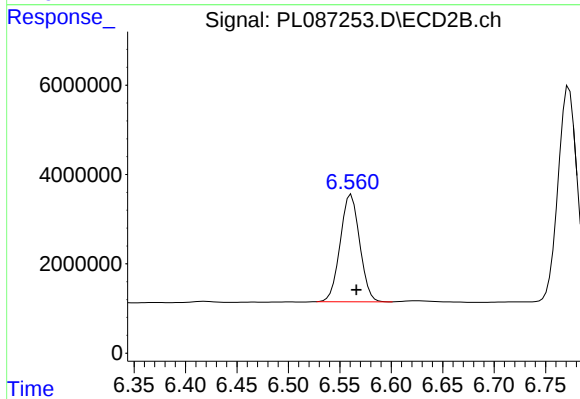
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: -0.006 min
Response: 56024983
Conc: 29.74 ng/ml m



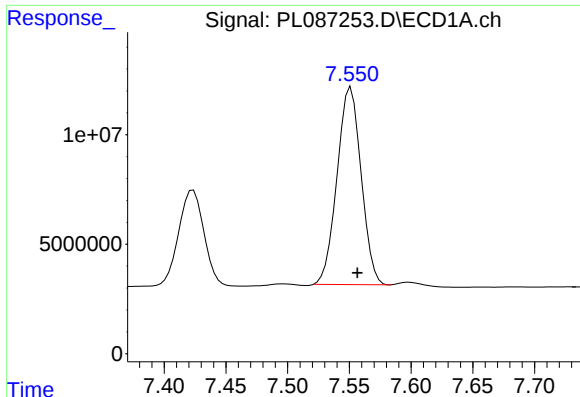
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: -0.005 min
Response: 62613967
Conc: 32.11 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 31609918
Conc: 30.95 ng/ml



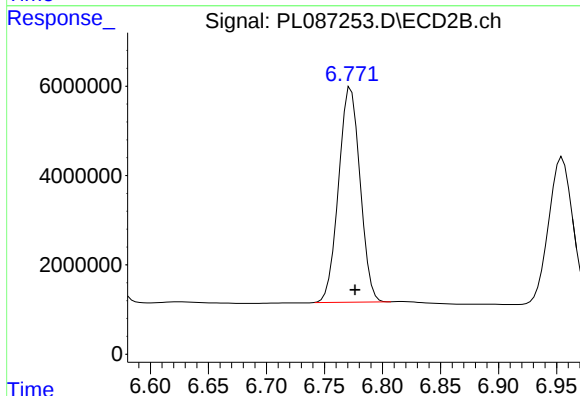
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.005 min
Response: 122363796
Conc: 30.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

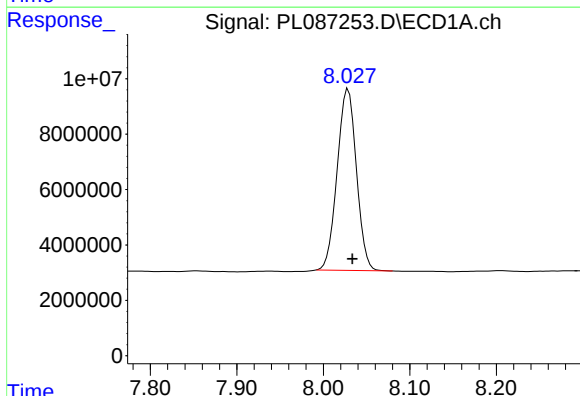
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2023
Supervised By :Ankita Jodhani 12/20/2023



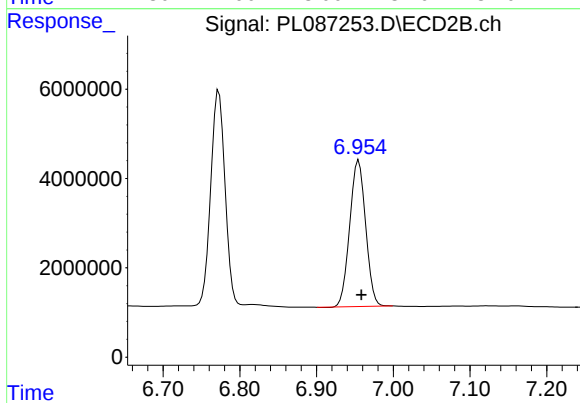
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 62008437
Conc: 29.13 ng/ml



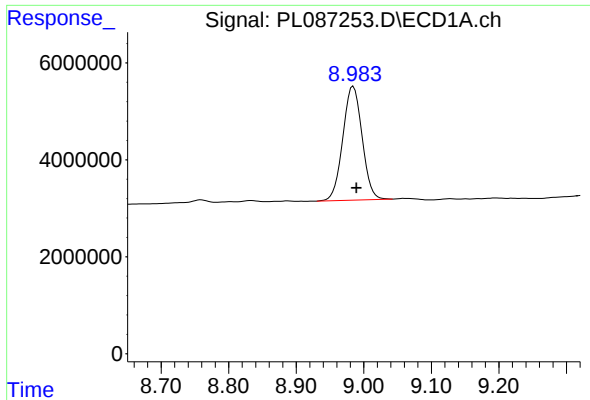
#22 Mirex

R.T.: 8.029 min
Delta R.T.: -0.005 min
Response: 100943743
Conc: 29.97 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 47497603
Conc: 26.70 ng/ml



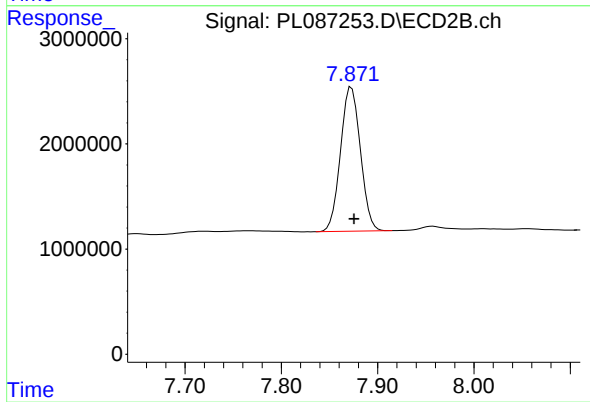
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: -0.005 min
Response: 46511955
Conc: 13.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMP-2MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: -0.003 min
Response: 19630931
Conc: 11.62 ng/ml