

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
 Data File : PL092389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 19:40
 Operator : AR\AJ
 Sample : P4403-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 Hawthorne TP SoilMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:46:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.541	2.781	45991228	51019617	20.673m	20.342
28)	SA Decachlor...	9.060	7.921	31877606	38743098	19.459	15.485
Target Compounds							
2)	A alpha-BHC	3.999	3.284	152.5E6	188.6E6	49.241	51.775
3)	MA gamma-BHC...	4.332	3.614	146.2E6	178.2E6	47.195	50.477
4)	MA Heptachlor	4.920	3.953	139.4E6	180.0E6	50.394	52.151
5)	MB Aldrin	5.262	4.233	130.4E6	166.7E6	46.960	49.019
6)	B beta-BHC	4.529	3.913	66333977	77894536	50.011	51.823
7)	B delta-BHC	4.776	4.143	134.0E6	167.2E6	46.465	48.153
8)	B Heptachlo...	5.688	4.736	120.6E6	153.3E6	47.377	50.712
9)	A Endosulfan I	6.074	5.106	111.0E6	141.5E6	47.963	51.564
10)	B gamma-Chl...	5.944	4.986	120.5E6	163.8E6	48.773	54.433
11)	B alpha-Chl...	6.024	5.049	120.9E6	158.1E6	49.079	52.821
12)	B 4,4'-DDE	6.197	5.238	105.2E6	148.7E6	48.626	53.510
13)	MA Dieldrin	6.349	5.370	117.6E6	152.0E6	48.229	51.830
14)	MA Endrin	6.579	5.644	97491121	134.4E6	47.310	51.243m
15)	B Endosulfa...	6.798	5.940	101.5E6	127.6E6	46.155	50.979
16)	A 4,4'-DDD	6.713	5.793	90348952	114.3E6	50.314m	53.495
17)	MA 4,4'-DDT	7.028	6.044	92389441	118.7E6	50.179	51.329
18)	B Endrin al...	6.929	6.120	77908336	90284585	44.704	44.241
19)	B Endosulfa...	7.163	6.343	94007330	118.7E6	47.424	49.205
20)	A Methoxychlor	7.503	6.619	49863331	59929663	50.792	47.930
21)	B Endrin ke...	7.648	6.848	103.1E6	129.2E6	46.898	46.647
22)	Mirex	8.121	7.029	80443207	102.5E6	44.666	42.142

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
Data File : PL092389.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:40
Operator : AR\AJ
Sample : P4403-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

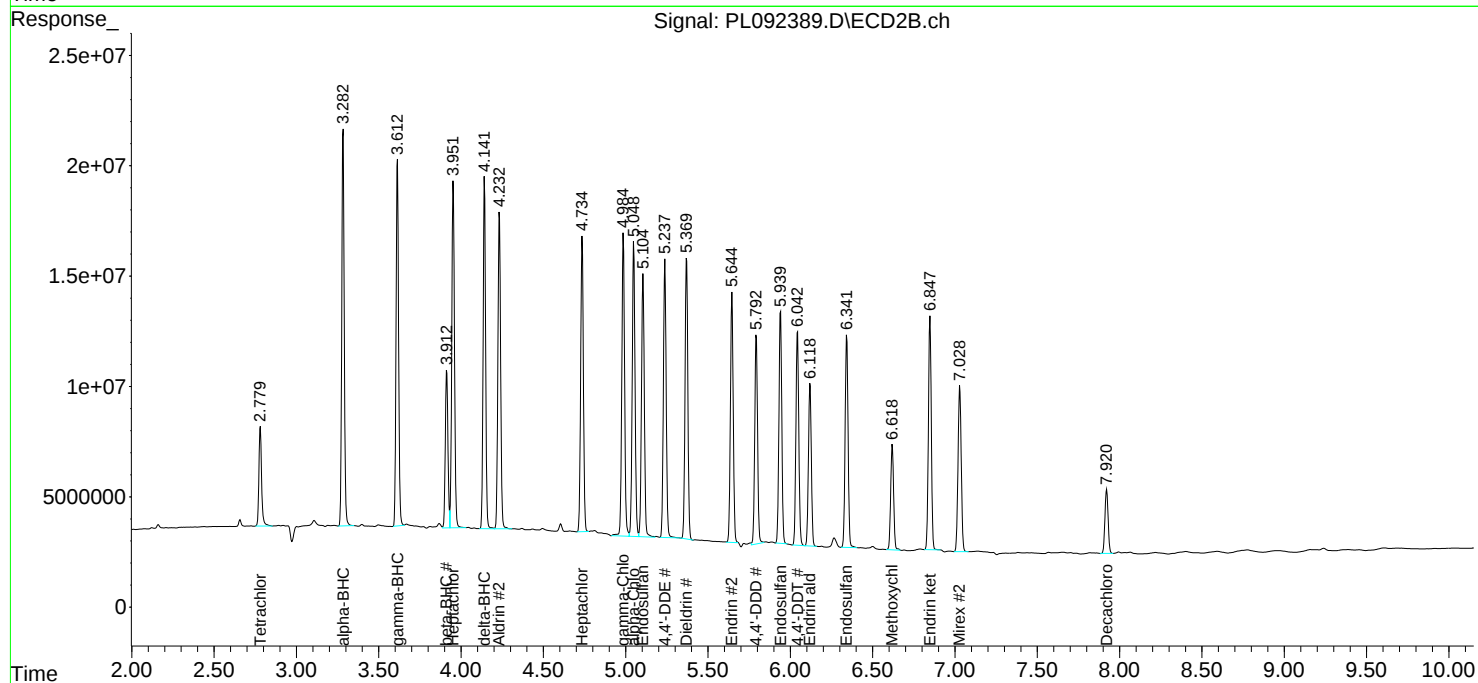
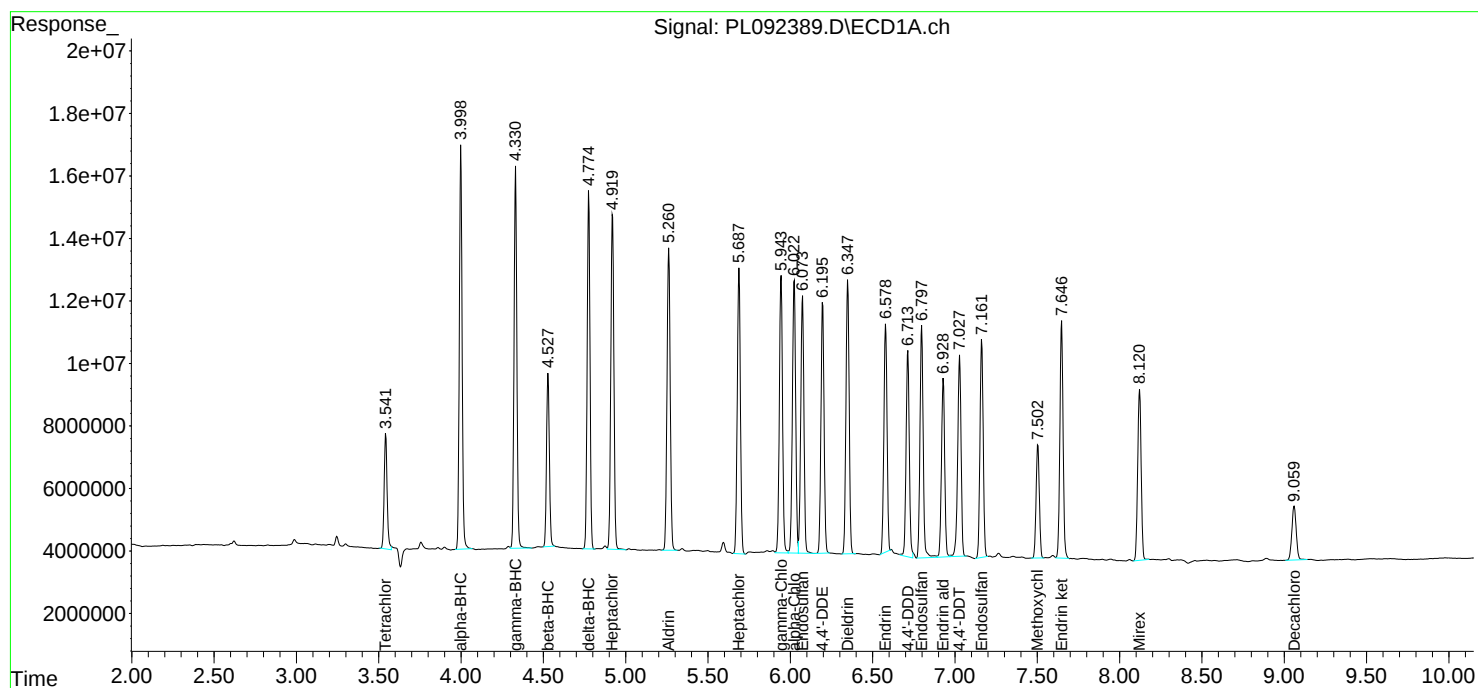
Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

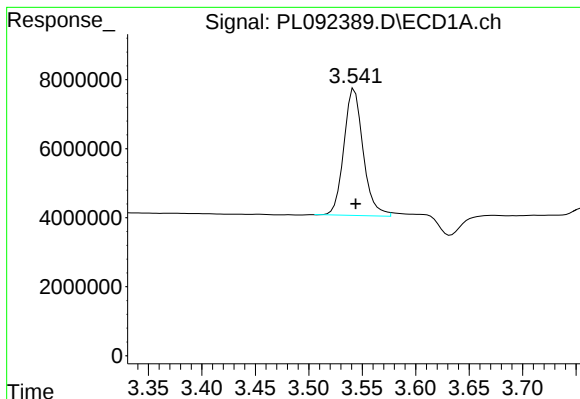
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 03:46:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response 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.: 3.541 min
Delta R.T.: -0.003 min
Response: 45991228
Conc: 20.67 ng/ml

Instrument :

ECD_L

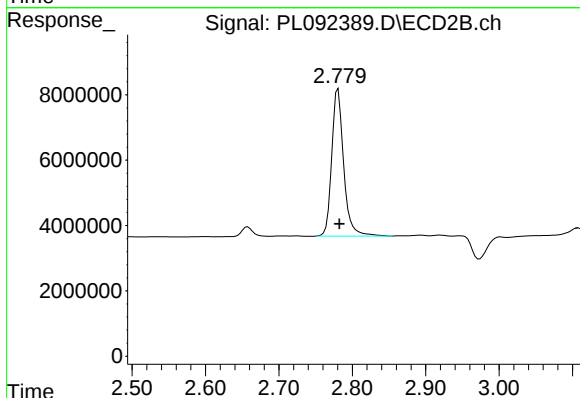
ClientSampleId :

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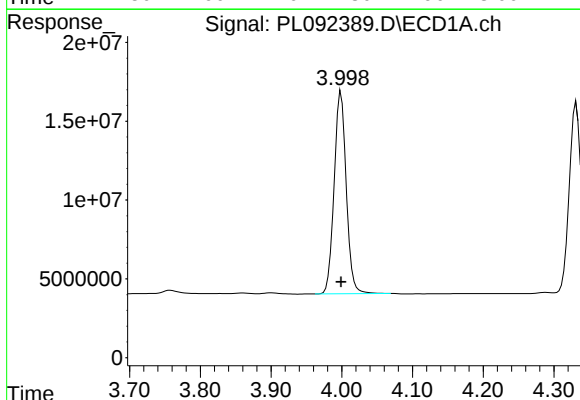
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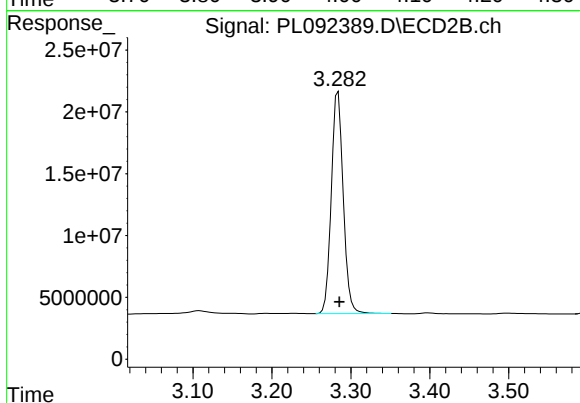
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 51019617
Conc: 20.34 ng/ml



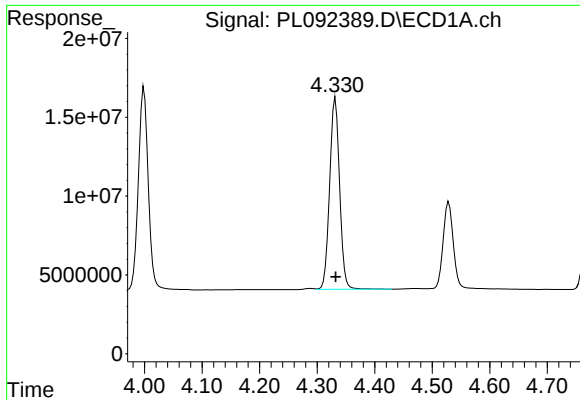
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 152475838
Conc: 49.24 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 188633747
Conc: 51.78 ng/ml



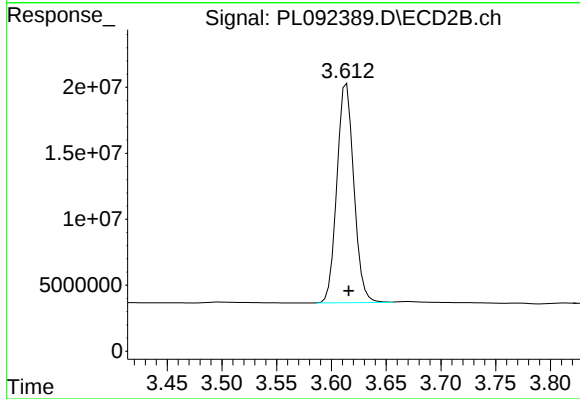
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 146248070
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

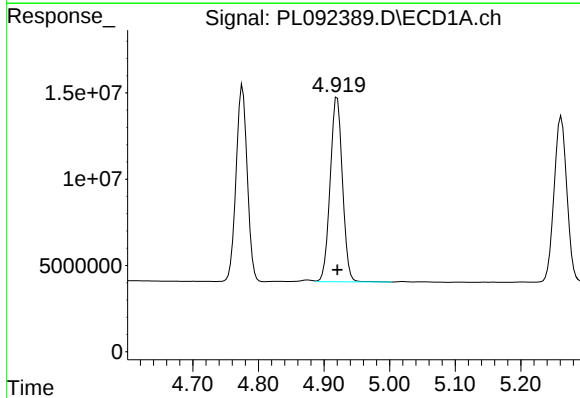
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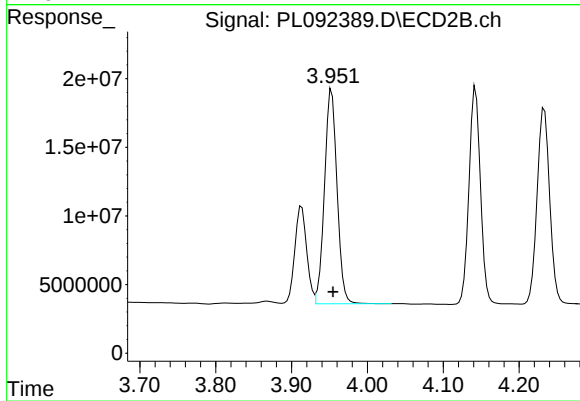
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 178234473
Conc: 50.48 ng/ml



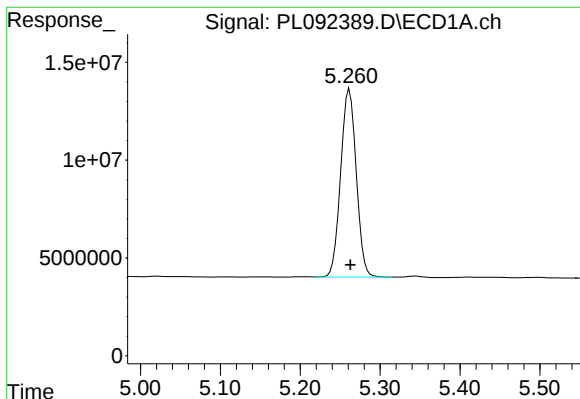
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 139362123
Conc: 50.39 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 179953940
Conc: 52.15 ng/ml



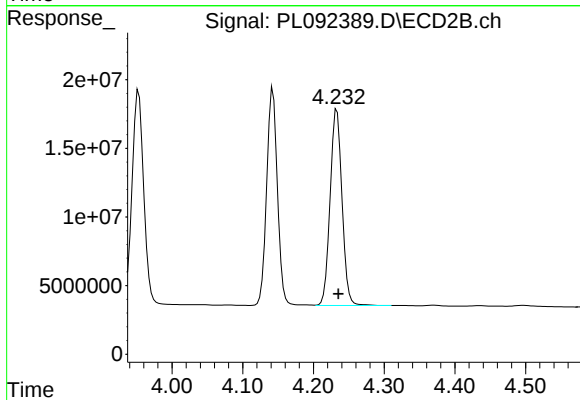
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 130434930
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

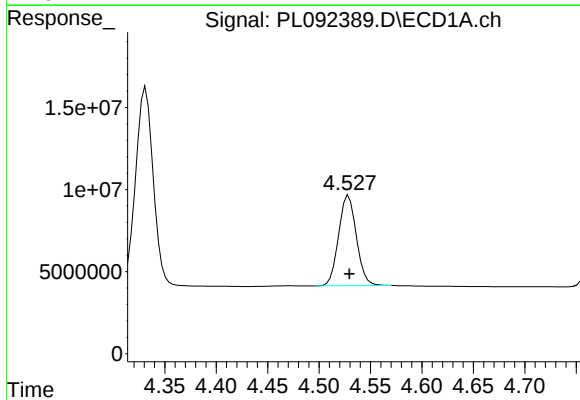
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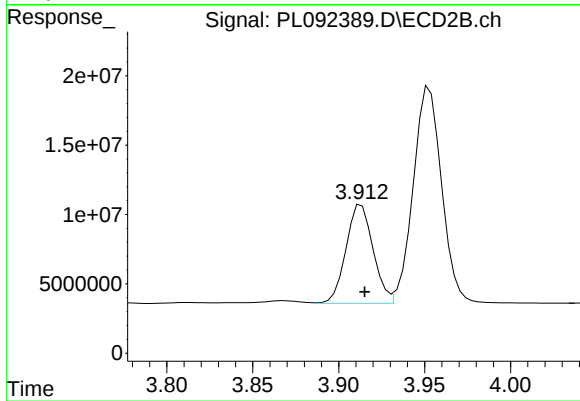
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 166717703
Conc: 49.02 ng/ml



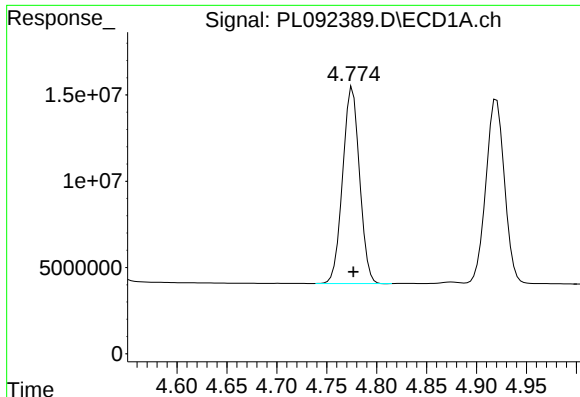
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 66333977
Conc: 50.01 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 77894536
Conc: 51.82 ng/ml



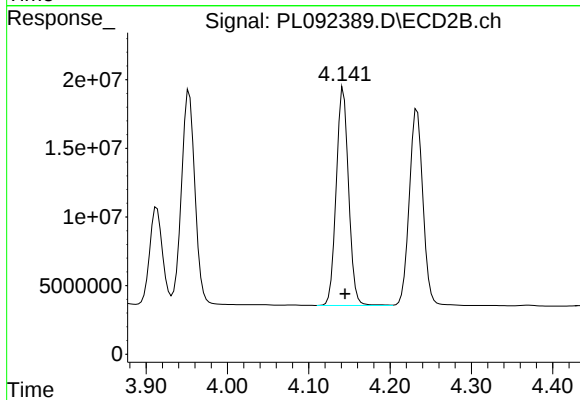
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 134014435
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

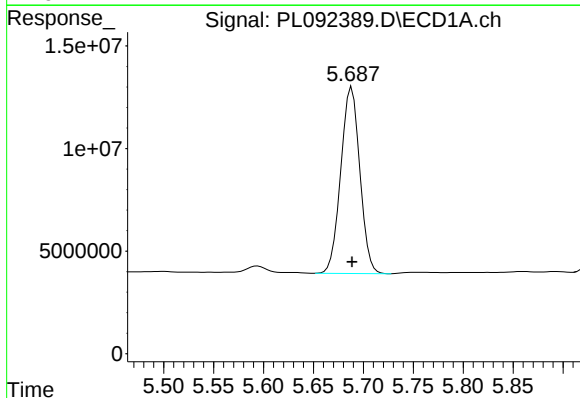
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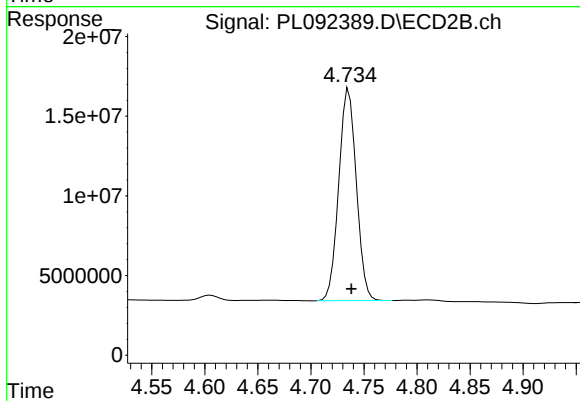
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 167173307
Conc: 48.15 ng/ml



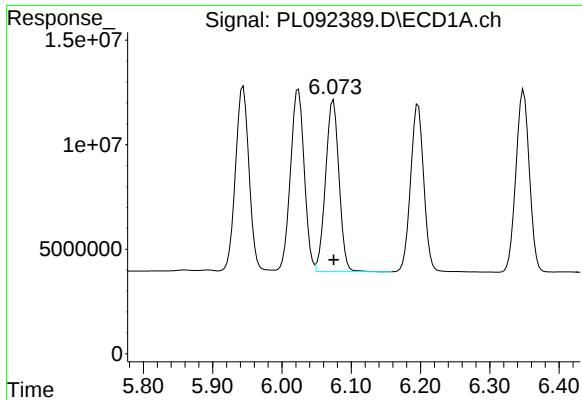
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 120573841
Conc: 47.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 153296048
Conc: 50.71 ng/ml



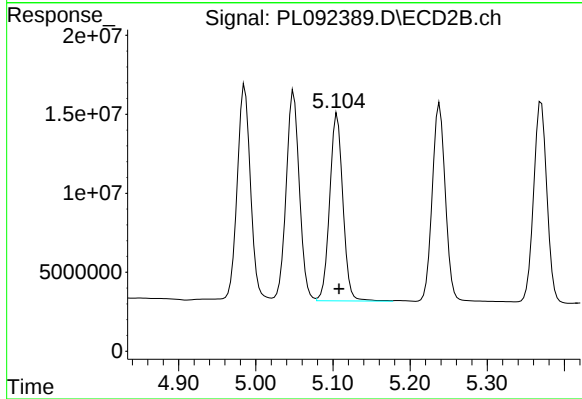
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 110957256
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

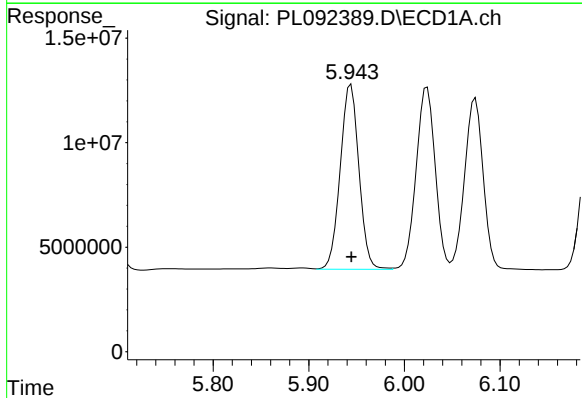
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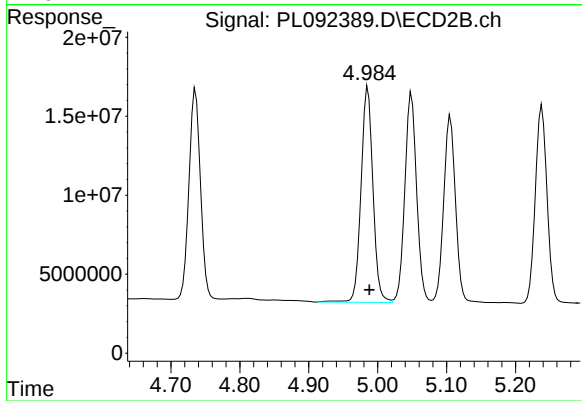
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 141524286
Conc: 51.56 ng/ml



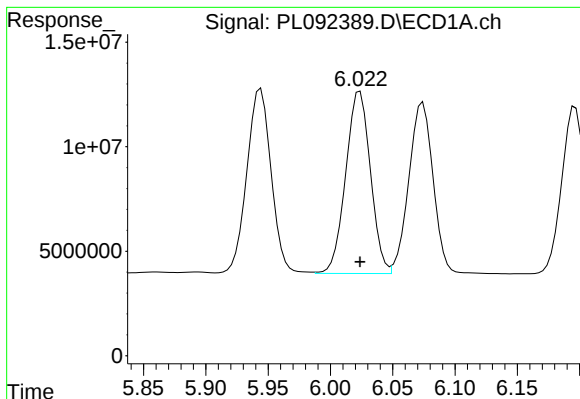
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 120528300
Conc: 48.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 163764618
Conc: 54.43 ng/ml



#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 120898952
Conc: 49.08 ng/ml

Instrument :

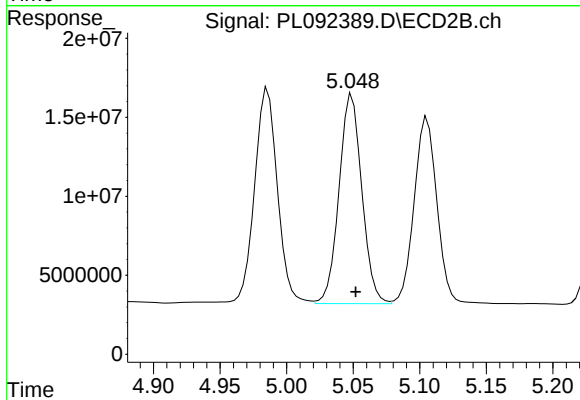
ECD_L

ClientSampleId :

Hawthorne TP SoilMS

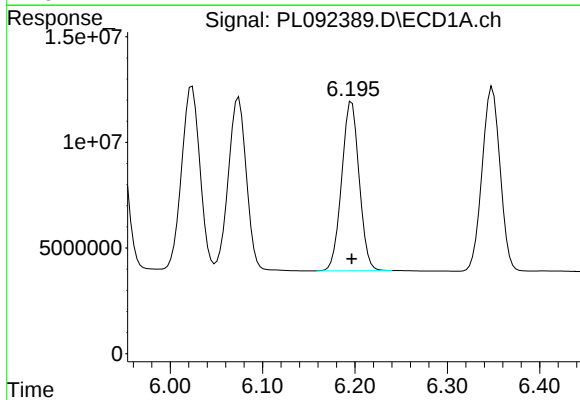
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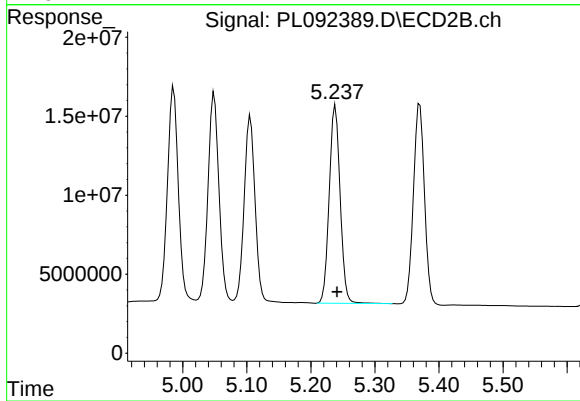
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 158122894
Conc: 52.82 ng/ml



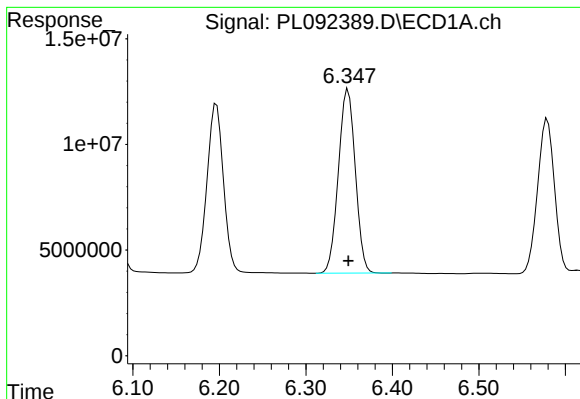
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 105246237
Conc: 48.63 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 148696321
Conc: 53.51 ng/ml



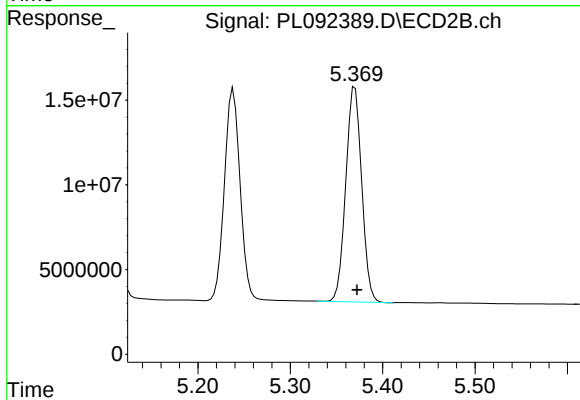
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 117624622
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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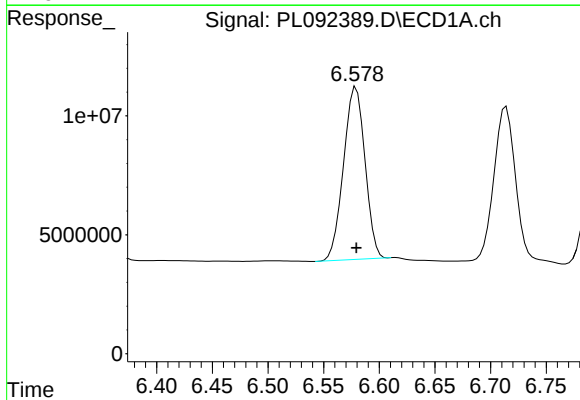
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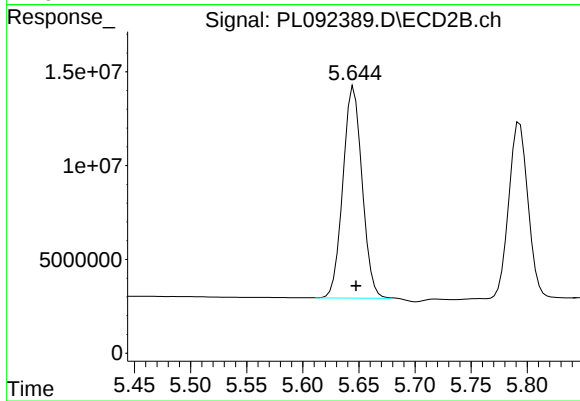
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 151958546
Conc: 51.83 ng/ml



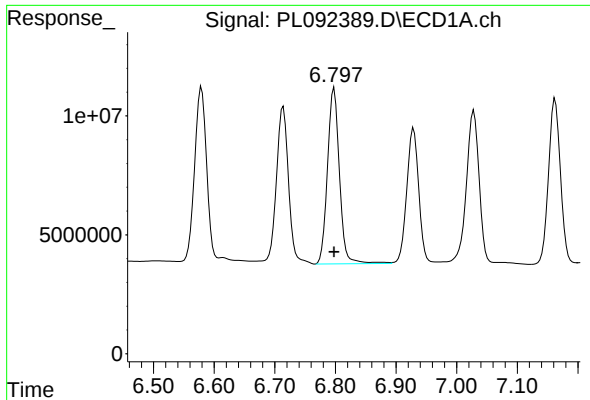
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 97491121
Conc: 47.31 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 134368183
Conc: 51.24 ng/ml m



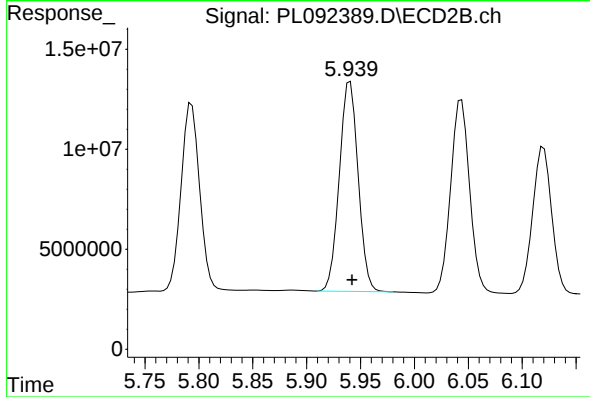
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 101529518
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
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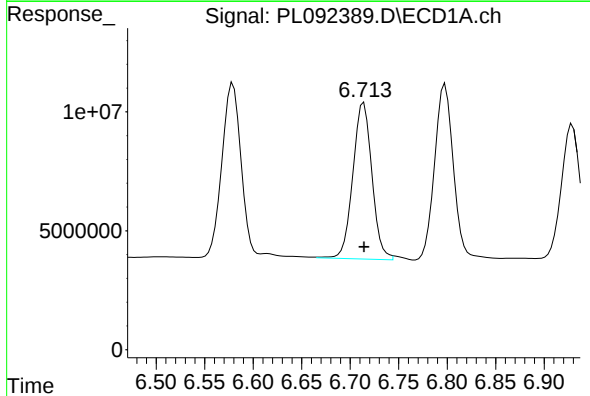
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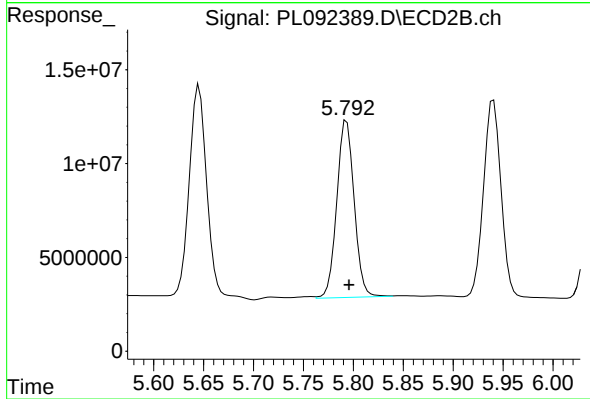
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 127570087
Conc: 50.98 ng/ml



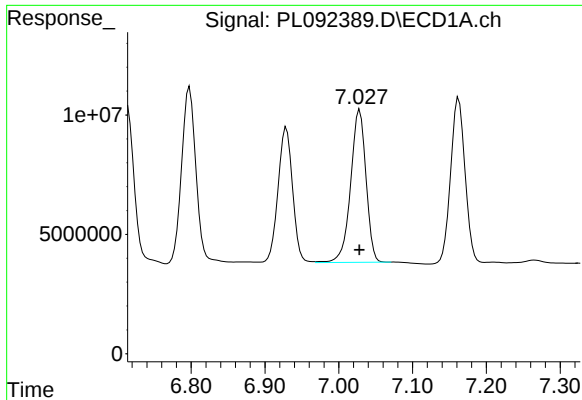
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 90348952
Conc: 50.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 114276042
Conc: 53.49 ng/ml



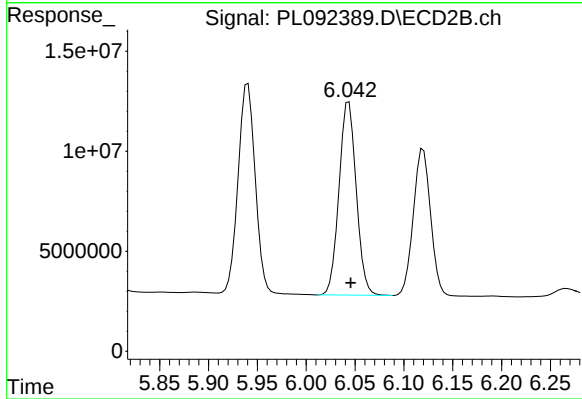
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 92389441
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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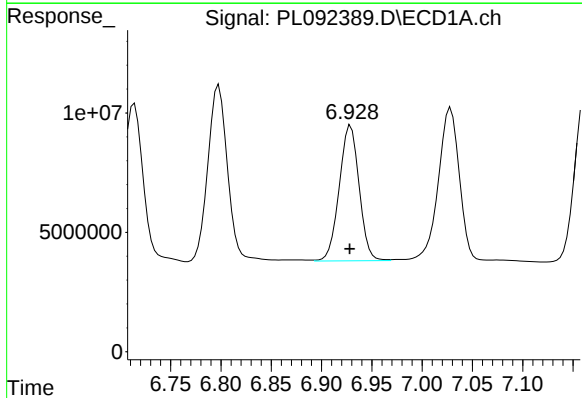
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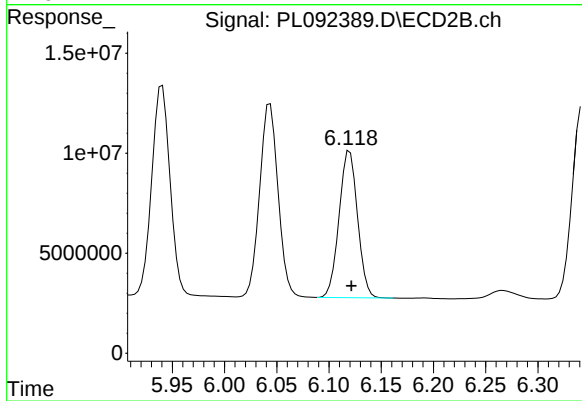
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 118733311
Conc: 51.33 ng/ml



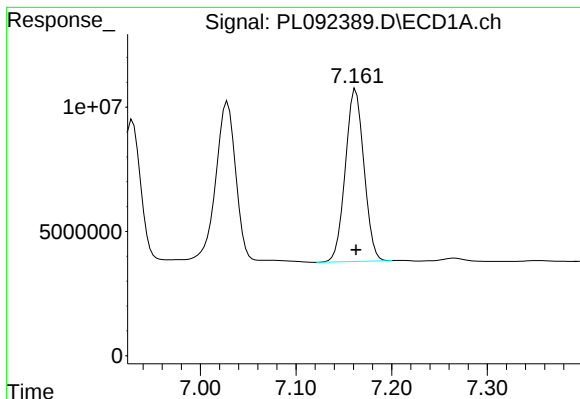
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 77908336
Conc: 44.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 90284585
Conc: 44.24 ng/ml



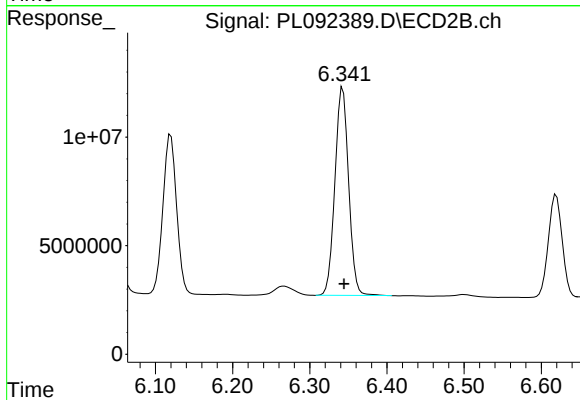
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 94007330
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

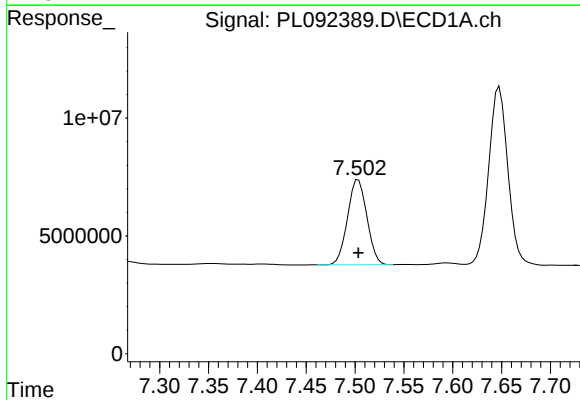
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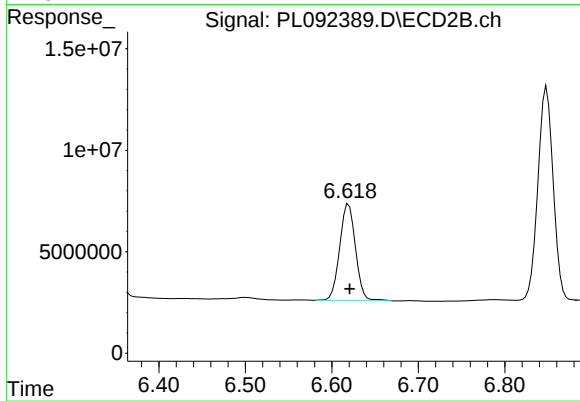
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 118709112
Conc: 49.21 ng/ml



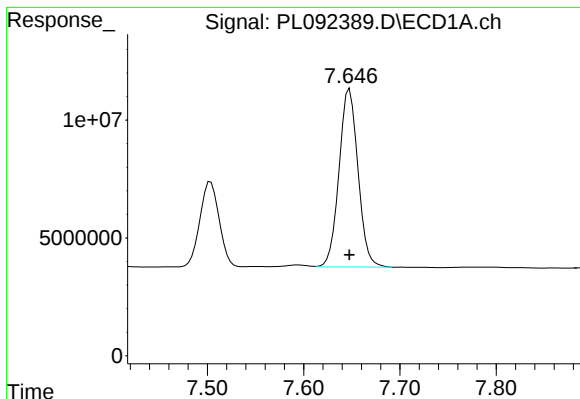
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 49863331
Conc: 50.79 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.001 min
Response: 59929663
Conc: 47.93 ng/ml



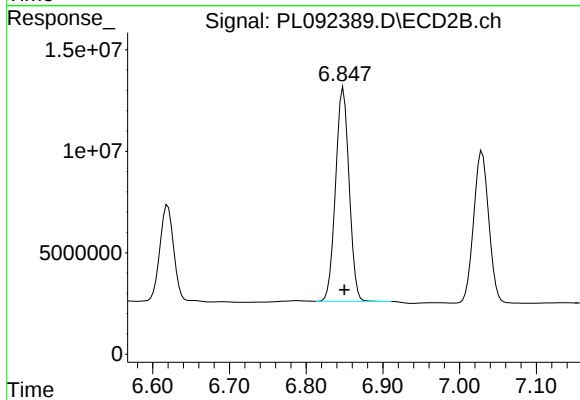
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 103061701
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMS

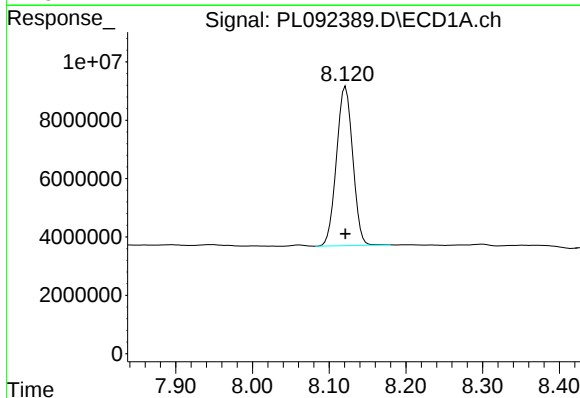
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



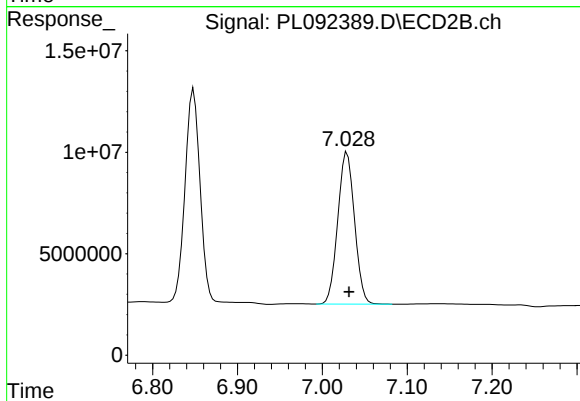
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 129162271
Conc: 46.65 ng/ml



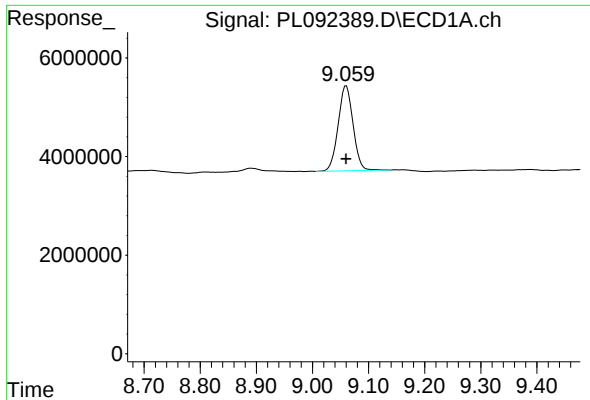
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 80443207
Conc: 44.67 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 102517504
Conc: 42.14 ng/ml



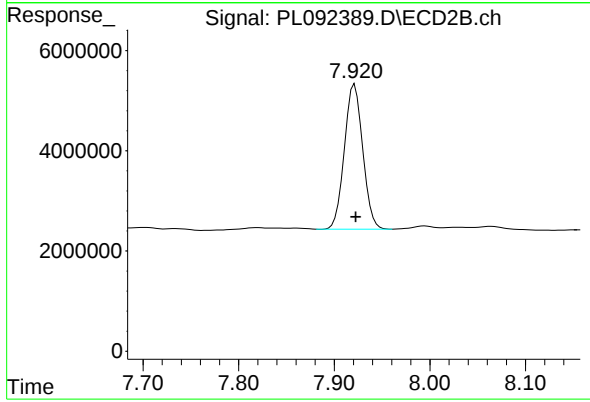
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 31877606
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 38743098
Conc: 15.49 ng/ml