

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
 Data File : PL094367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 20:59
 Operator : AR\AJ
 Sample : Q1393-01MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2025
 Supervised By : Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:31:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.536	2.770	52054236	66225245	20.501	20.753
28)	SA Decachlor...	9.046	7.902	45444900	74759261	21.363	19.440
Target Compounds							
2)	A alpha-BHC	3.991	3.272	166.7E6	226.3E6	44.063	46.035
3)	MA gamma-BHC...	4.324	3.602	159.7E6	215.9E6	43.217	45.842
4)	MA Heptachlor	4.911	3.939	150.0E6	221.5E6	44.241	46.925
5)	MB Aldrin	5.252	4.219	146.1E6	213.8E6	42.577	46.279
6)	B beta-BHC	4.522	3.902	73482260	94855446	46.016	47.692
7)	B delta-BHC	4.769	4.130	156.9E6	216.0E6	44.352	45.620
8)	B Heptachlo...	5.678	4.721	144.3E6	196.9E6	47.896	46.262
9)	A Endosulfan I	6.064	5.090	116.0E6	182.1E6	42.190	45.672
10)	B gamma-Chl...	5.933	4.969	144.8E6	232.1E6	49.303m	53.492m
11)	B alpha-Chl...	6.013	5.034	125.3E6	204.2E6	43.261	47.297
12)	B 4,4'-DDE	6.187	5.223	136.0E6	192.3E6	52.067	45.797
13)	MA Dieldrin	6.338	5.353	127.2E6	266.7E6	44.630	60.857m#
14)	MA Endrin	6.567	5.629	141.1E6	189.1E6	55.274m	55.530m
15)	B Endosulfa...	6.787	5.922	104.0E6	223.0E6	41.302m	59.638m#
16)	A 4,4'-DDD	6.704	5.776	118.8E6	155.2E6	64.252m	48.710m
17)	MA 4,4'-DDT	7.018	6.026	104.4E6	275.8E6	49.730	77.538 #
18)	B Endrin al...	6.917	6.104	87641675	140.7E6	45.018m	44.510
19)	B Endosulfa...	7.153	6.326	104.5E6	201.0E6	46.163	54.405
20)	A Methoxychlor	7.494	6.601	48360543	94756355	43.527	48.567m
21)	B Endrin ke...	7.638	6.832	123.9E6	193.0E6	49.411	45.214
22)	Mirex	8.110	7.011	85092042	146.1E6	41.241	41.909

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
Data File : PL094367.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 20:59
Operator : AR\AJ
Sample : Q1393-01MSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

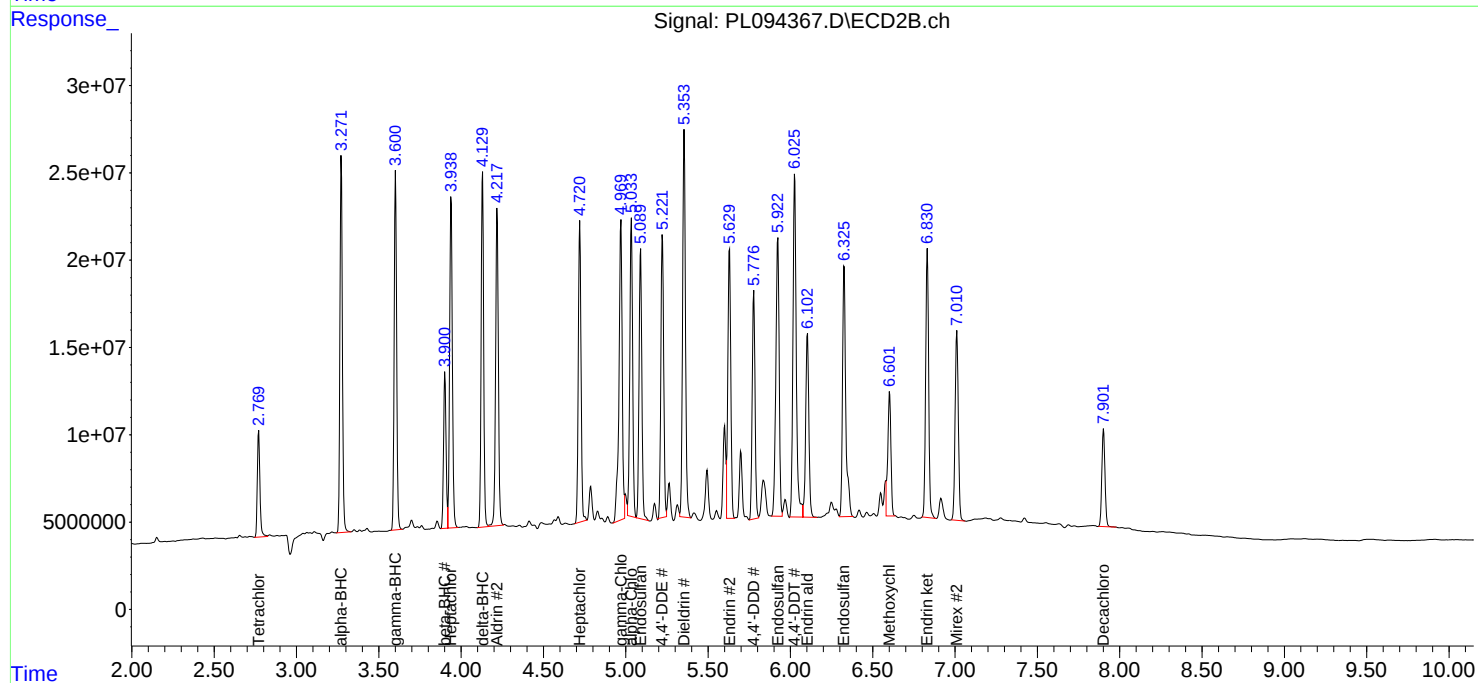
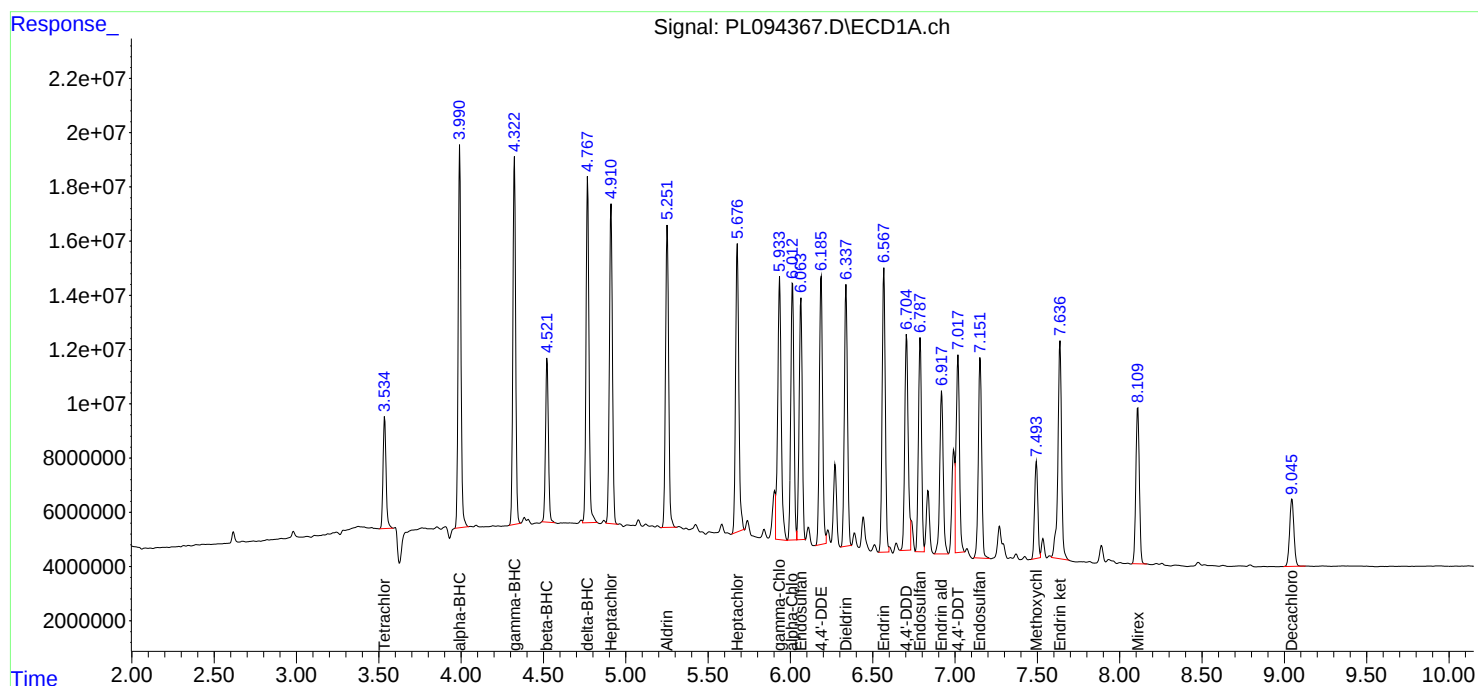
Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

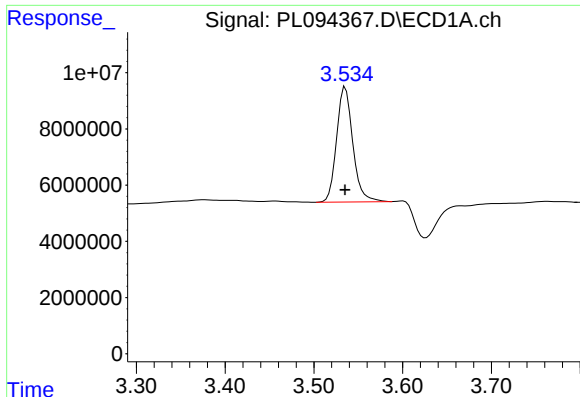
Manual Integrations
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Reviewed By :Abdul Mirza 02/22/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:31:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





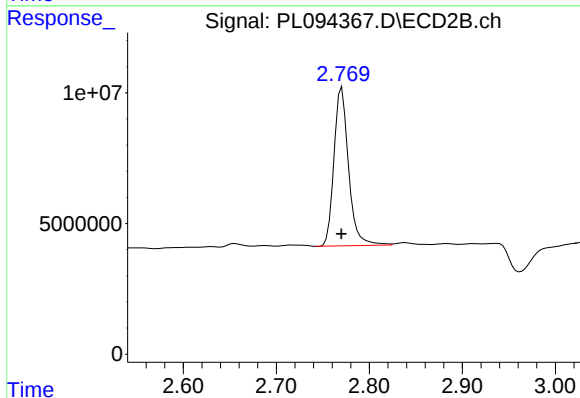
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 52054236
Conc: 20.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

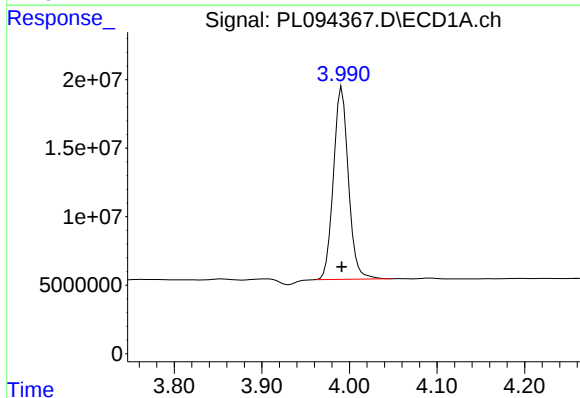
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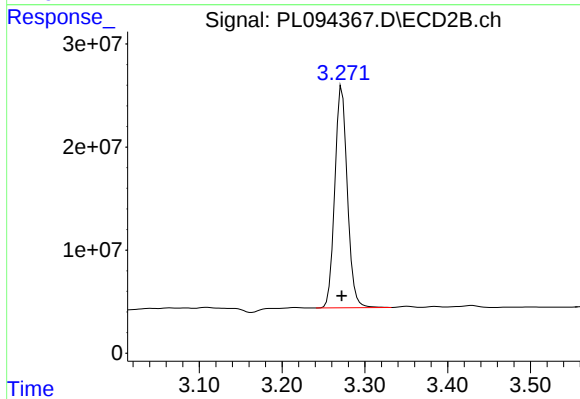
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.000 min
Response: 66225245
Conc: 20.75 ng/ml



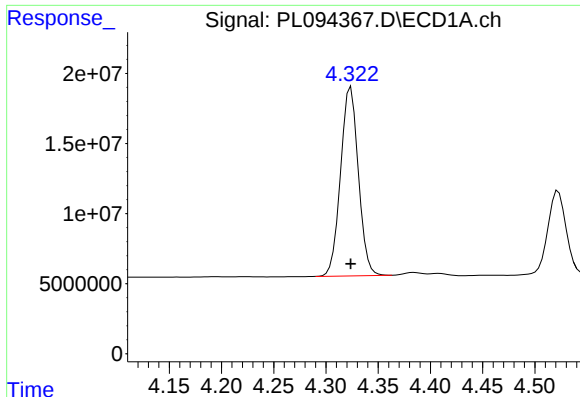
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 166674945
Conc: 44.06 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 226250879
Conc: 46.03 ng/ml



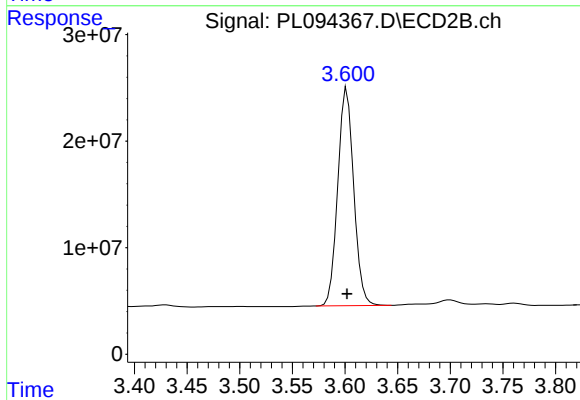
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 159673749
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

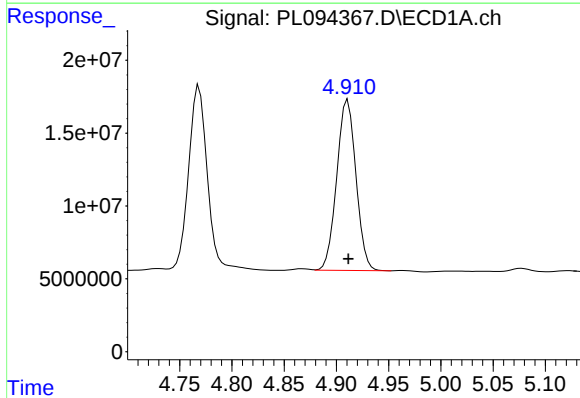
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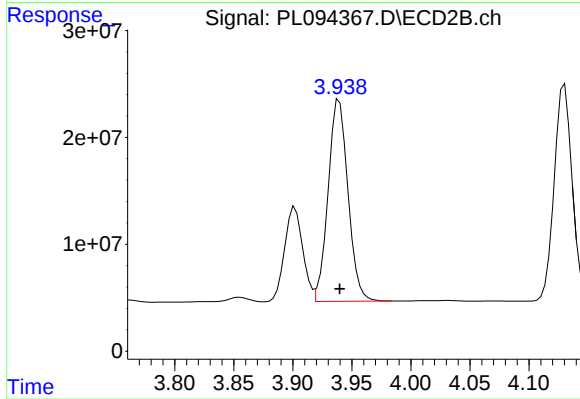
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 215912820
Conc: 45.84 ng/ml



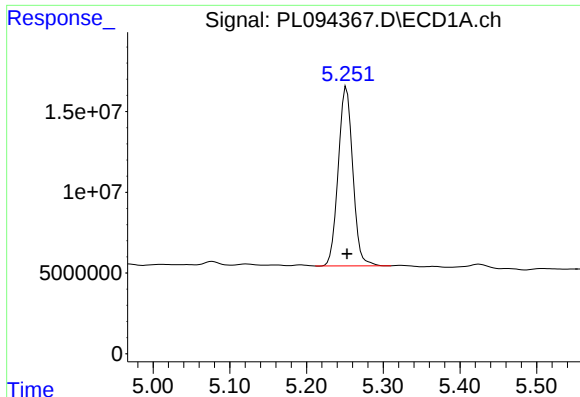
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 149993776
Conc: 44.24 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 221500355
Conc: 46.92 ng/ml



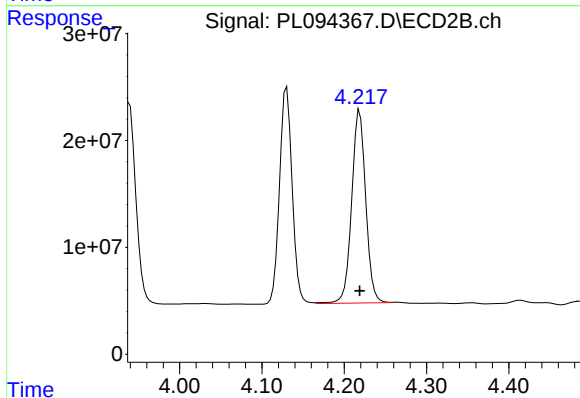
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 146112073
Conc: 42.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

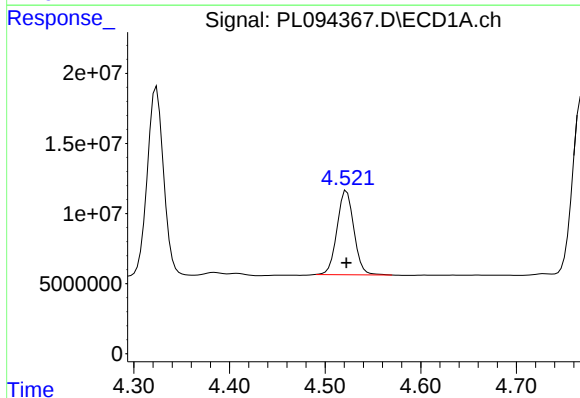
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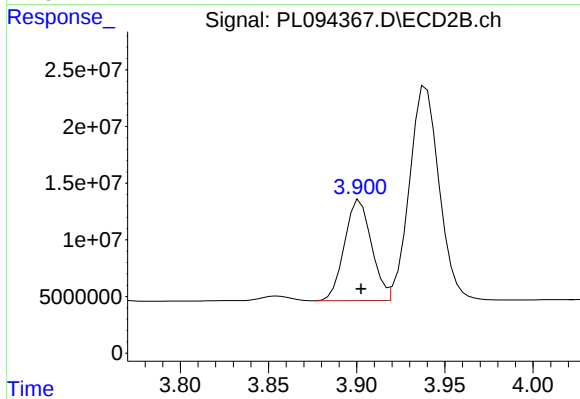
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 213826805
Conc: 46.28 ng/ml



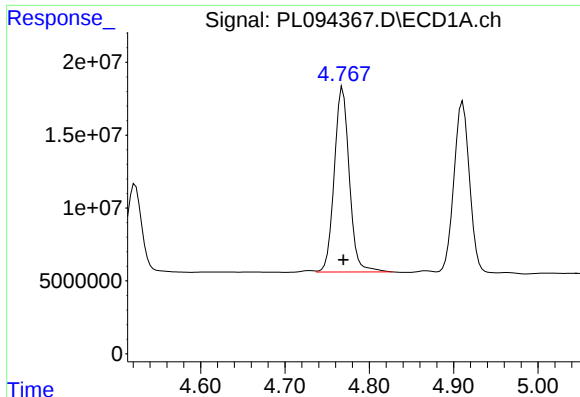
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 73482260
Conc: 46.02 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 94855446
Conc: 47.69 ng/ml



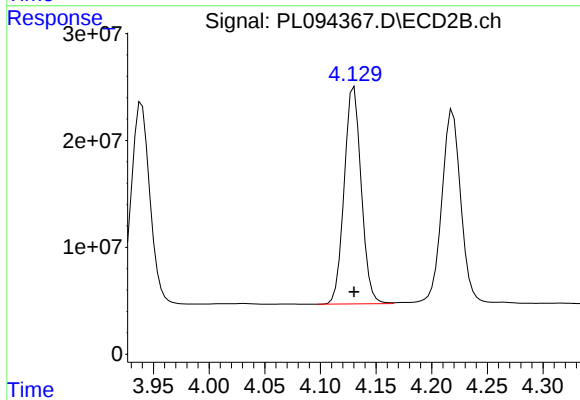
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 156929851
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

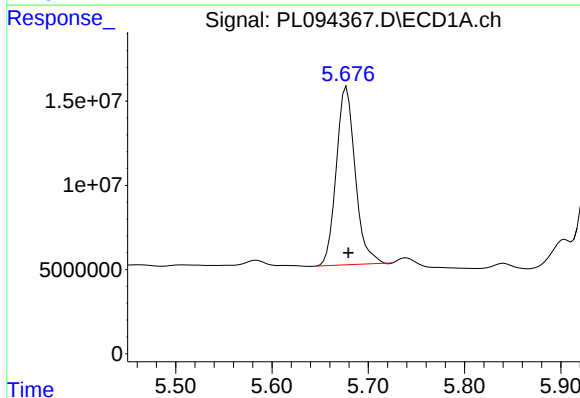
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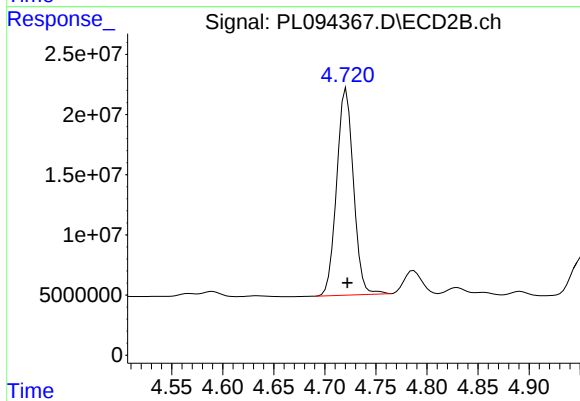
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 216042961
Conc: 45.62 ng/ml



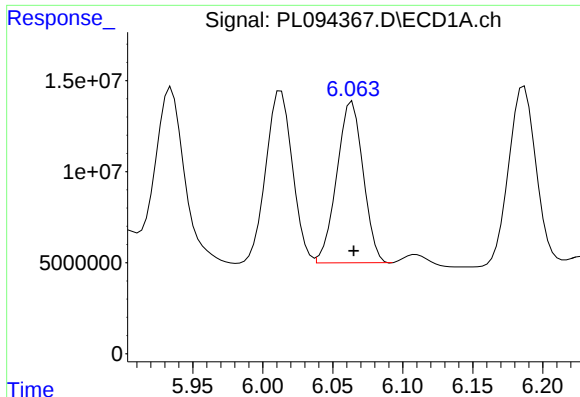
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 144328616
Conc: 47.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 196862295
Conc: 46.26 ng/ml



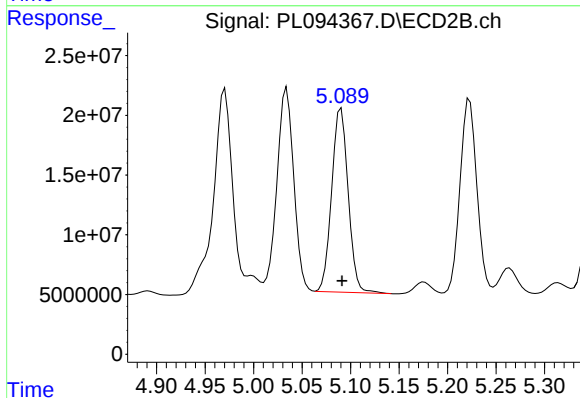
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.001 min
Response: 115964422
Conc: 42.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

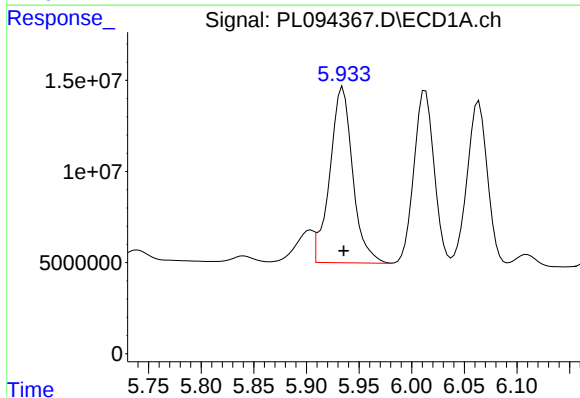
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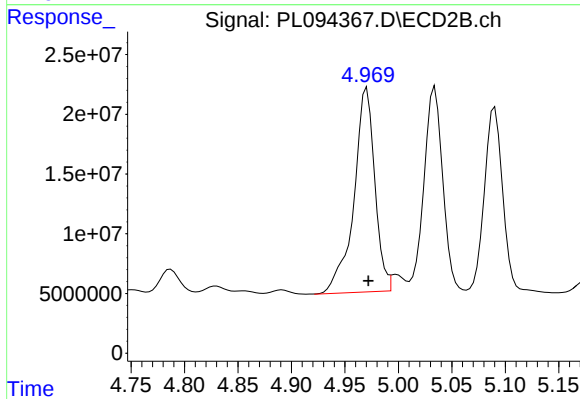
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 182075812
Conc: 45.67 ng/ml



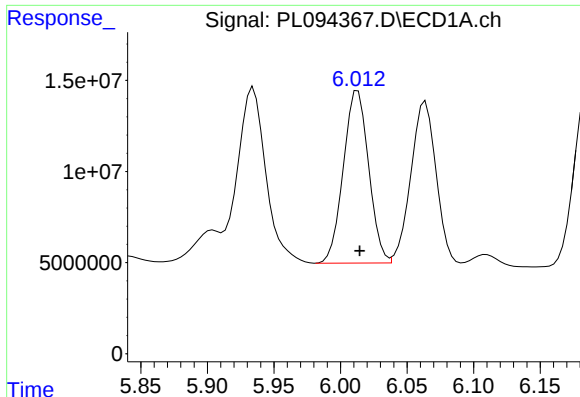
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 144759850
Conc: 49.30 ng/ml m



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 232094287
Conc: 53.49 ng/ml m



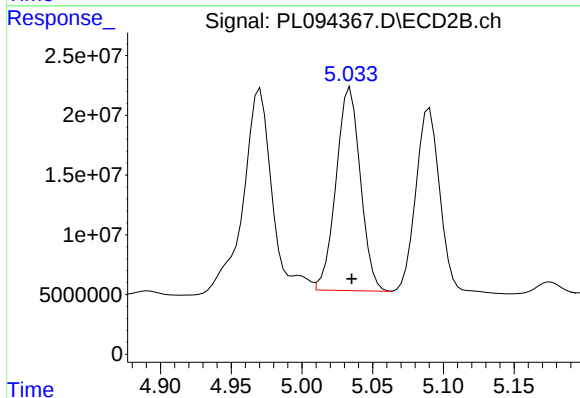
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 125330850
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

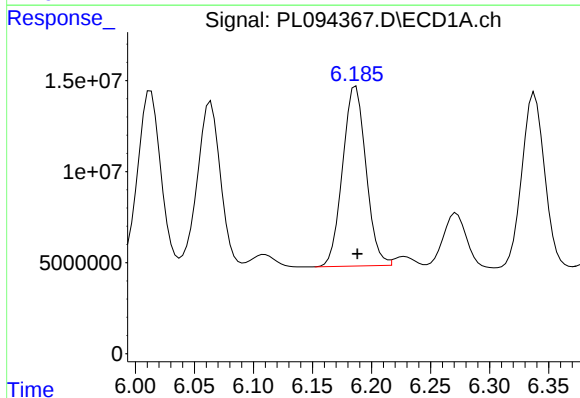
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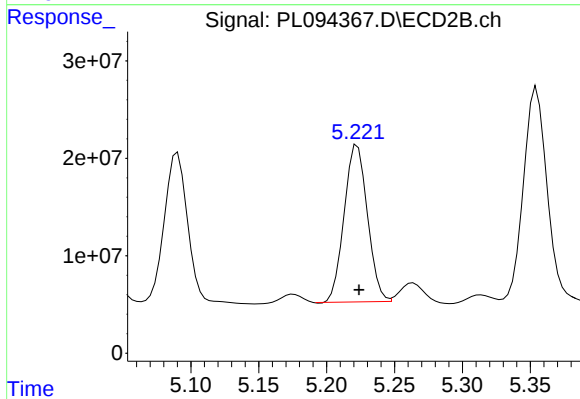
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 204210280
Conc: 47.30 ng/ml



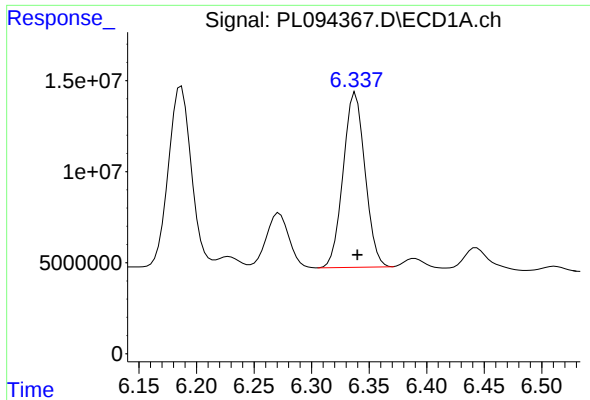
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 135983765
Conc: 52.07 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.001 min
Response: 192345287
Conc: 45.80 ng/ml



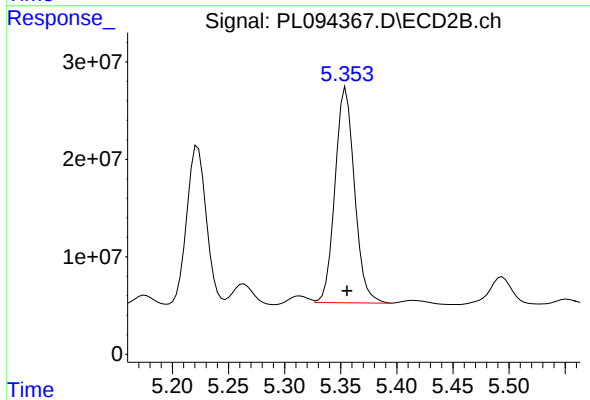
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 127152810
Conc: 44.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

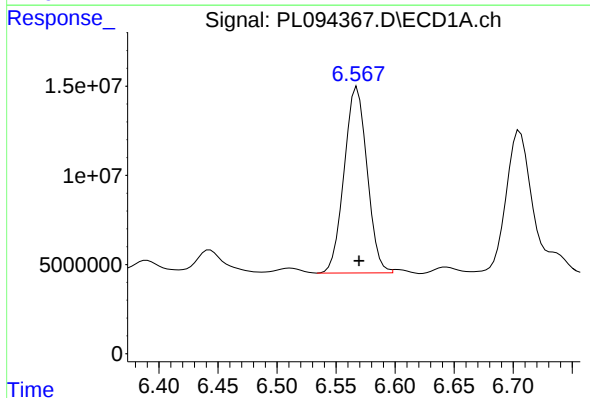
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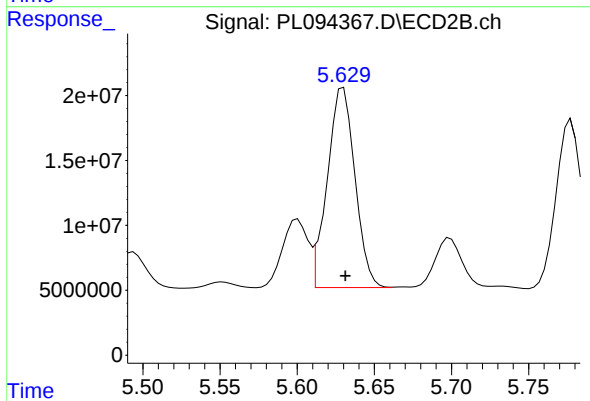
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 266659968
Conc: 60.86 ng/ml m



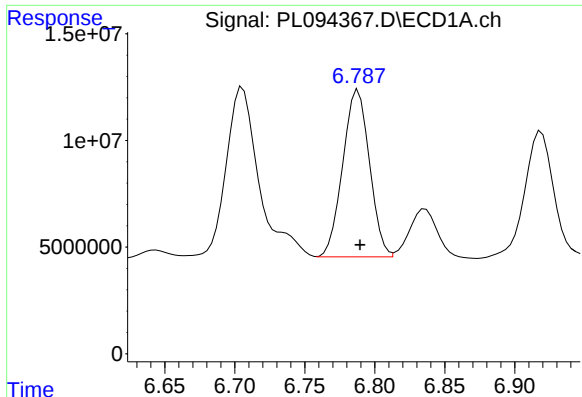
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 141075599
Conc: 55.27 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.003 min
Response: 189064202
Conc: 55.53 ng/ml m



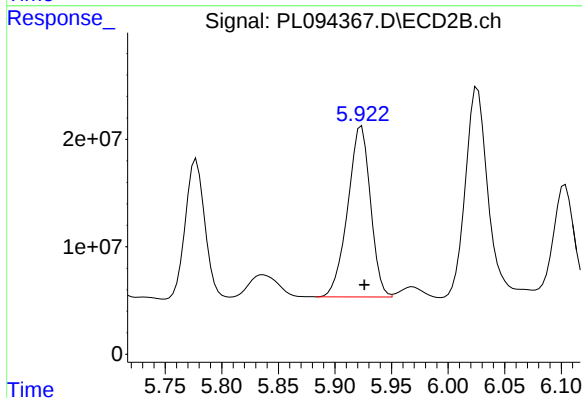
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 103966108
Conc: 41.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

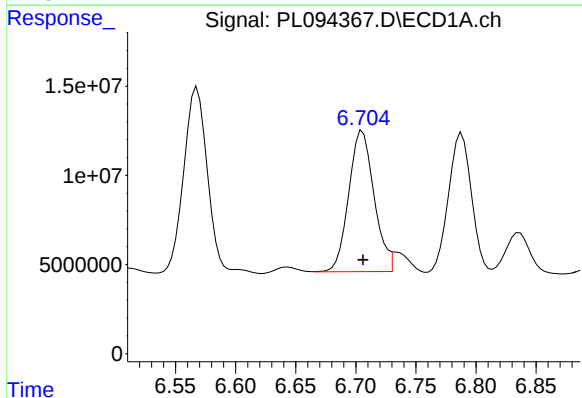
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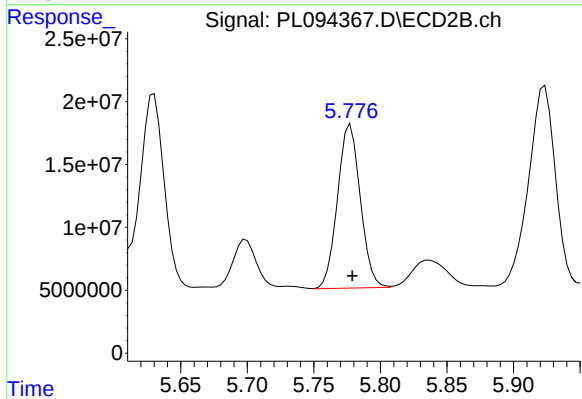
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 223017688
Conc: 59.64 ng/ml m



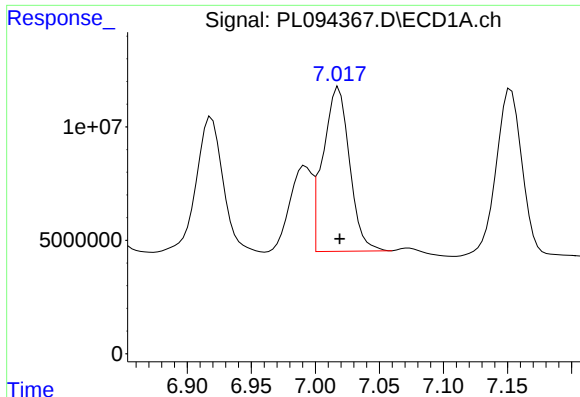
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 118849598
Conc: 64.25 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.003 min
Response: 155156770
Conc: 48.71 ng/ml m



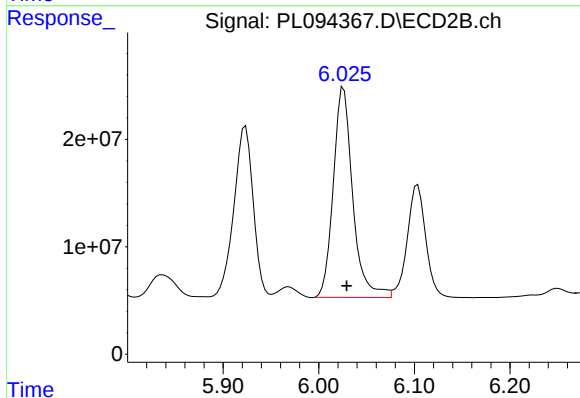
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 104435152
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

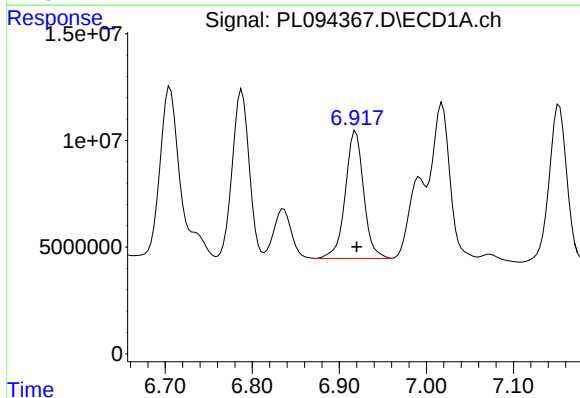
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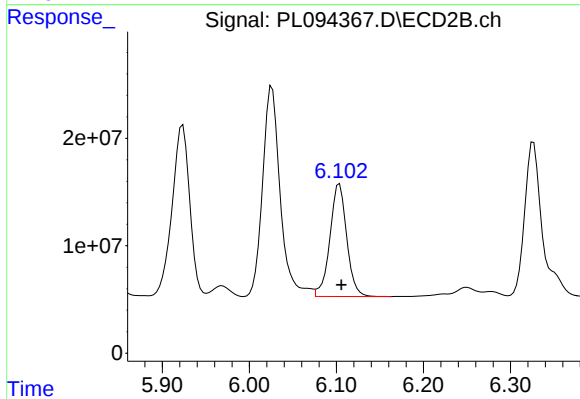
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 275803693
Conc: 77.54 ng/ml



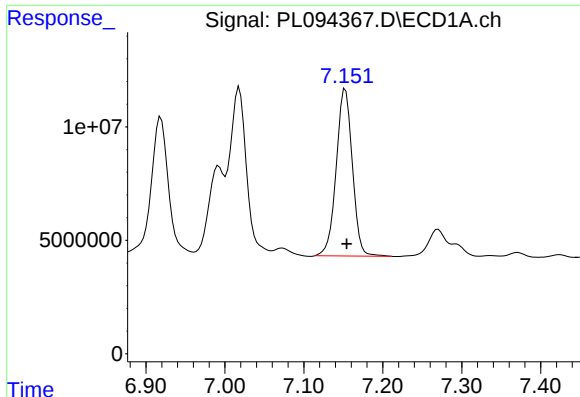
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 87641675
Conc: 45.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 140671218
Conc: 44.51 ng/ml



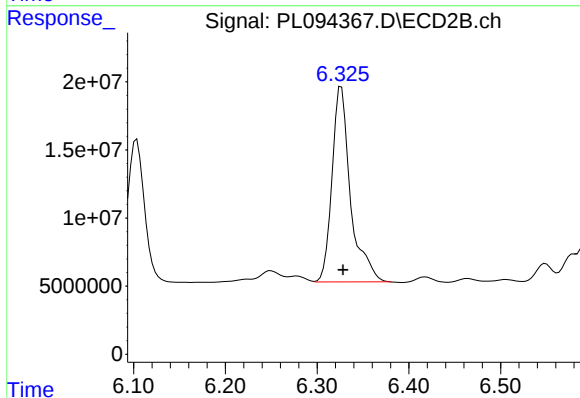
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 104506685
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

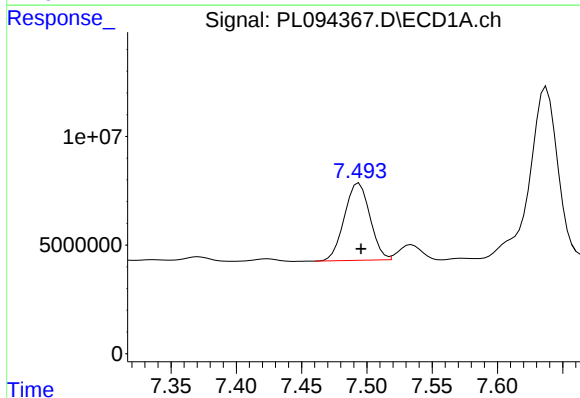
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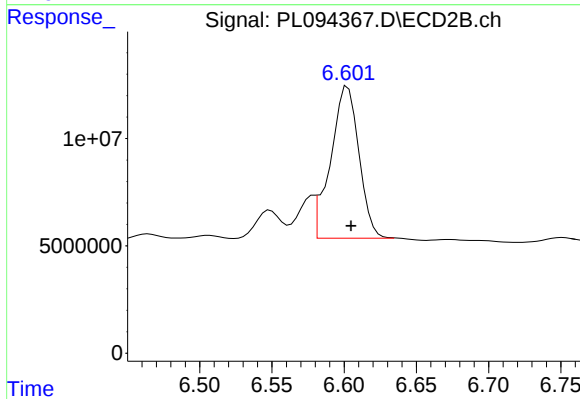
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 200954861
Conc: 54.41 ng/ml



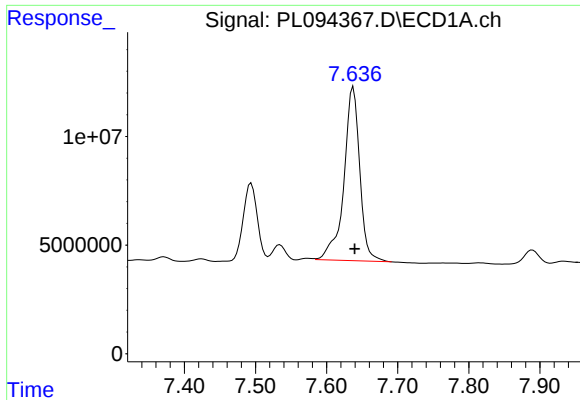
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 48360543
Conc: 43.53 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.004 min
Response: 94756355
Conc: 48.57 ng/ml m



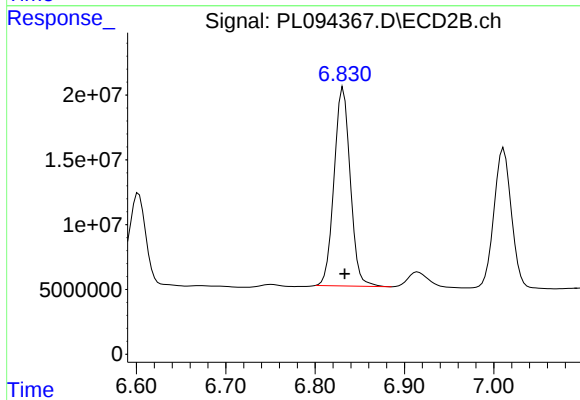
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 123868869
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

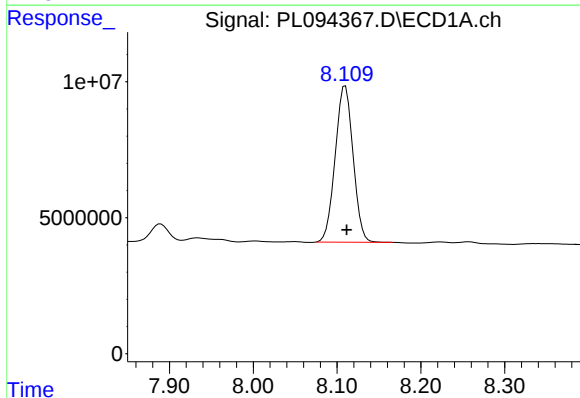
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2025
Supervised By :Ankita Jodhani 02/24/2025



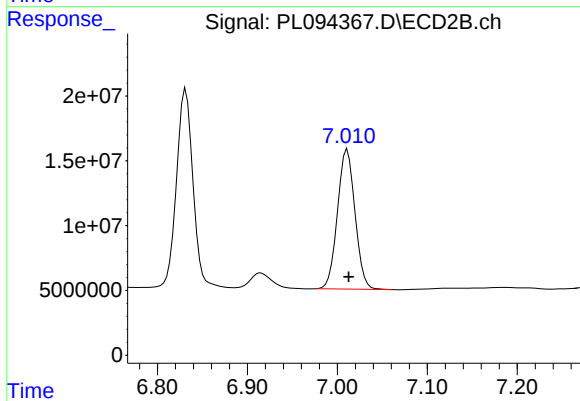
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 192953279
Conc: 45.21 ng/ml



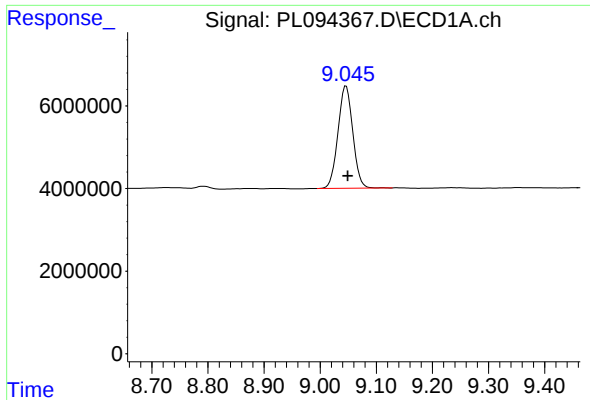
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 85092042
Conc: 41.24 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 146139247
Conc: 41.91 ng/ml



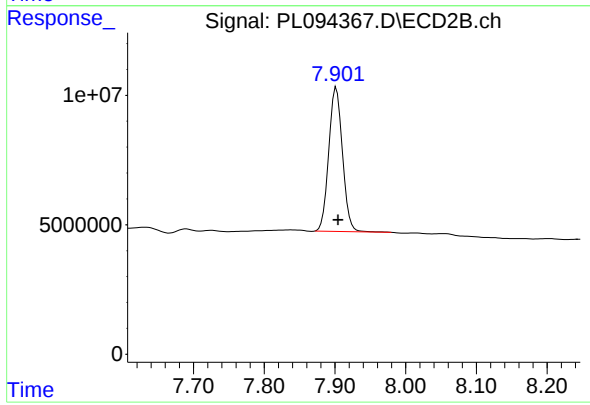
#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 45444900
Conc: 21.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 74759261
Conc: 19.44 ng/ml