

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
 Data File : PL094366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 20:45
 Operator : AR\AJ
 Sample : Q1393-01MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPMS

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 00:30:46 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...	3.535	2.770	54119371	67204139	21.314	21.059
28)	SA Decachlor...	9.046	7.902	45531252	77371284	21.404	20.119
Target Compounds							
2)	A alpha-BHC	3.991	3.272	170.5E6	231.8E6	45.087	47.162
3)	MA gamma-BHC...	4.323	3.602	162.6E6	220.7E6	44.003	46.867
4)	MA Heptachlor	4.910	3.940	152.0E6	225.6E6	44.835	47.783
5)	MB Aldrin	5.252	4.219	149.1E6	219.7E6	43.456	47.544
6)	B beta-BHC	4.522	3.902	74648337	97319812	46.746	48.931
7)	B delta-BHC	4.767	4.130	160.1E6	220.6E6	45.255m	46.591
8)	B Heptachlo...	5.678	4.721	148.4E6	201.5E6	49.257	47.355
9)	A Endosulfan I	6.063	5.089	118.3E6	186.4E6	43.032	46.752m
10)	B gamma-Chl...	5.932	4.969	144.4E6	241.8E6	49.179m	55.733m
11)	B alpha-Chl...	6.013	5.034	127.4E6	206.6E6	43.986	47.855
12)	B 4,4'-DDE	6.187	5.223	139.9E6	196.5E6	53.551	46.786
13)	MA Dieldrin	6.338	5.353	129.8E6	272.7E6	45.551	62.234m#
14)	MA Endrin	6.567	5.629	144.3E6	191.7E6	56.527m	56.299m
15)	B Endosulfa...	6.788	5.923	103.1E6	221.5E6	40.950	59.233 #
16)	A 4,4'-DDD	6.704	5.777	122.8E6	159.6E6	66.411m	50.120m
17)	MA 4,4'-DDT	7.017	6.026	107.6E6	281.2E6	51.237	79.053 #
18)	B Endrin al...	6.917	6.104	88889166	142.7E6	45.659m	45.163
19)	B Endosulfa...	7.151	6.325	105.6E6	192.9E6	46.648m	52.221m
20)	A Methoxychlor	7.493	6.601	48669867	96209976	43.806	49.313m
21)	B Endrin ke...	7.636	6.830	117.9E6	196.8E6	47.039m	46.123m
22)	Mirex	8.110	7.011	86493012	153.4E6	41.920	43.979

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
Data File : PL094366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 20:45
Operator : AR\AJ
Sample : Q1393-01MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

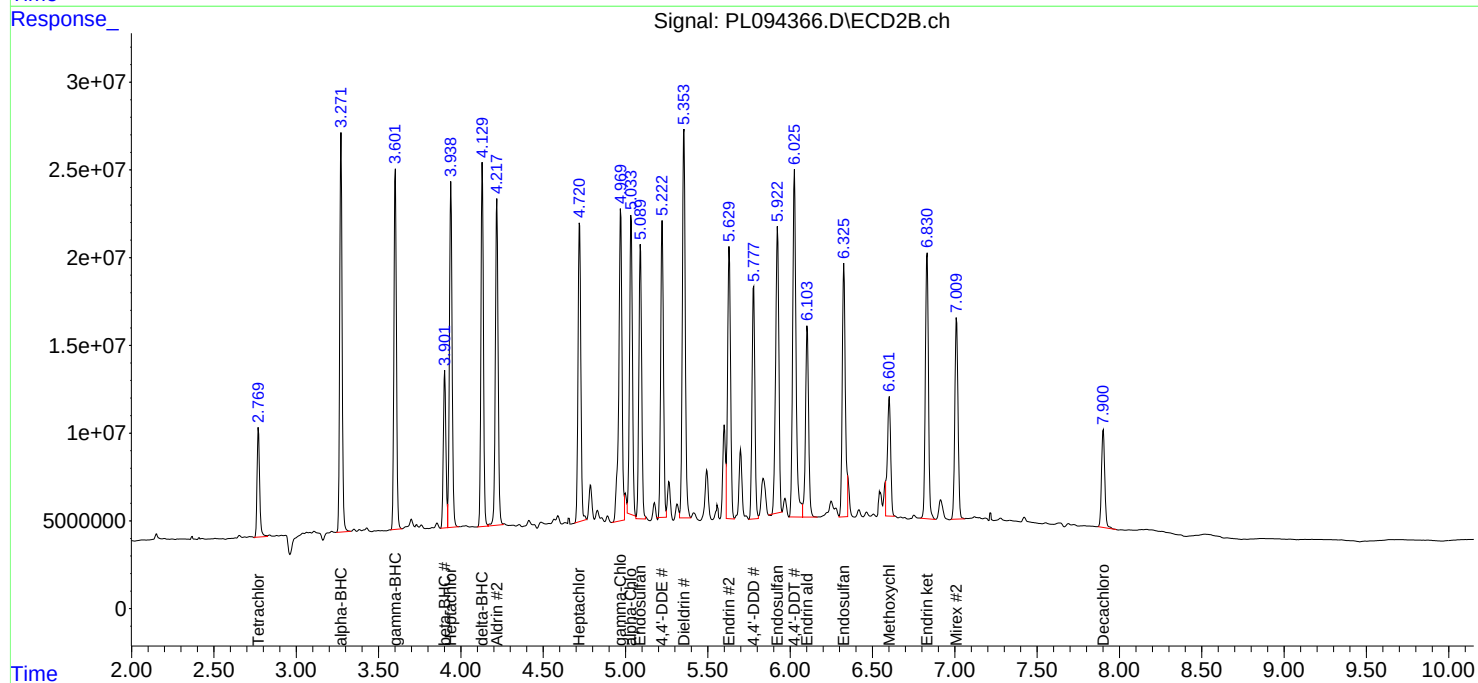
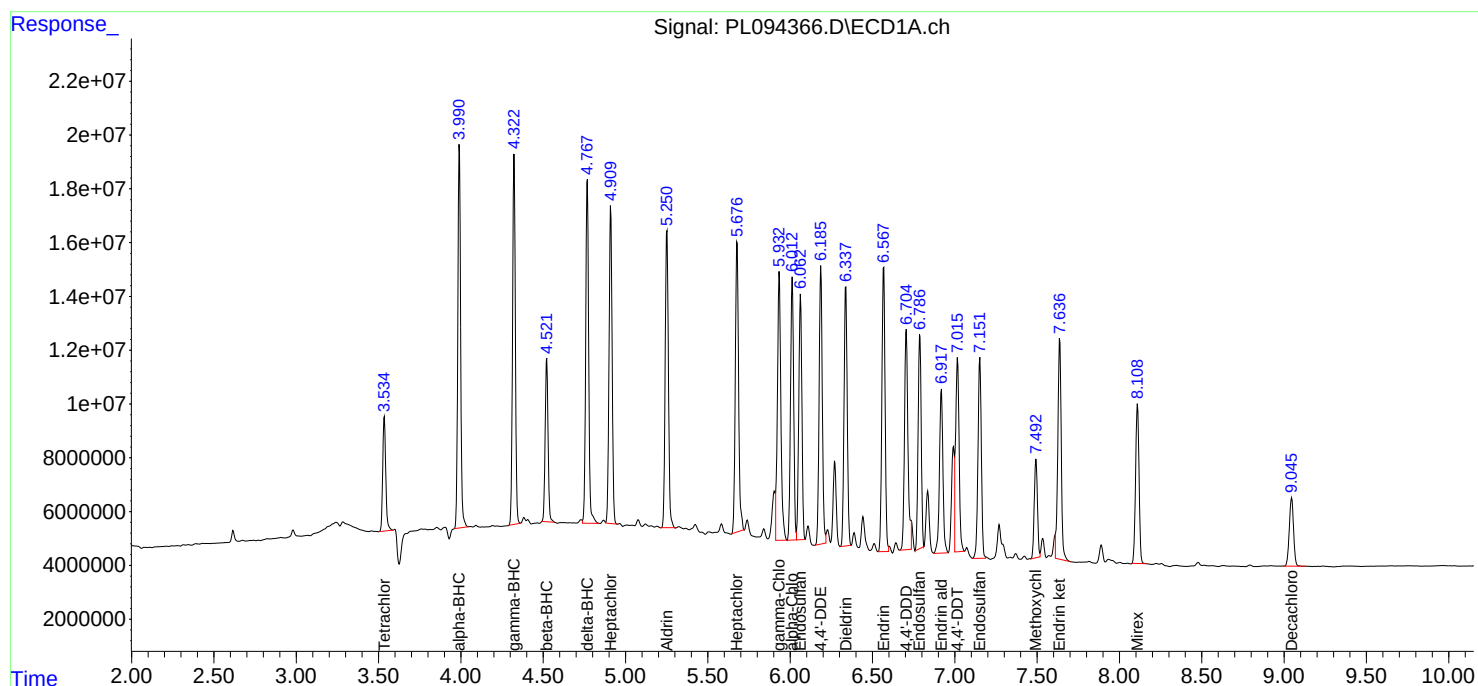
Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

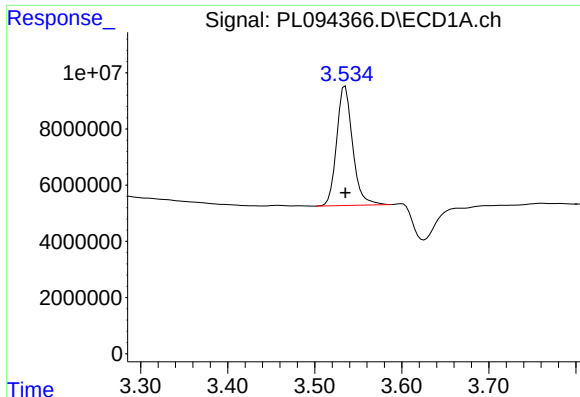
Manual Integrations
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Reviewed By :Abdul Mirza 02/22/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:30:46 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





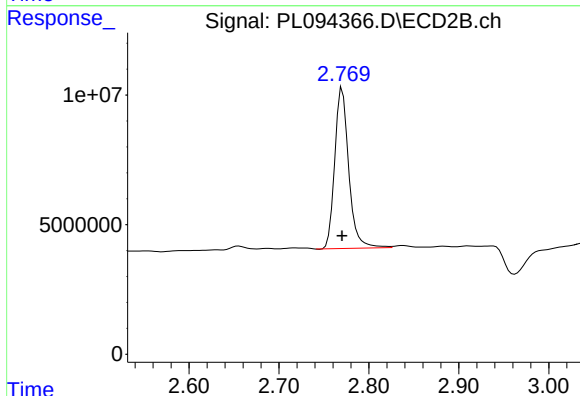
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 54119371
Conc: 21.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

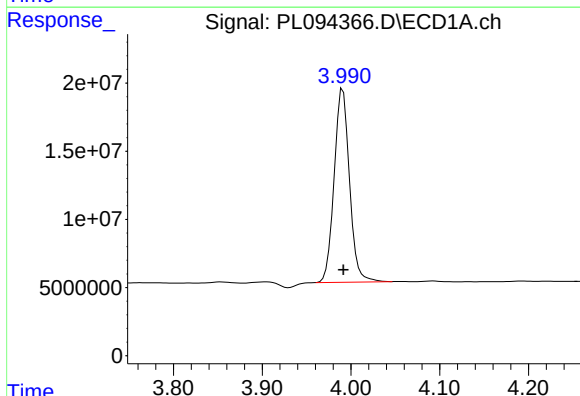
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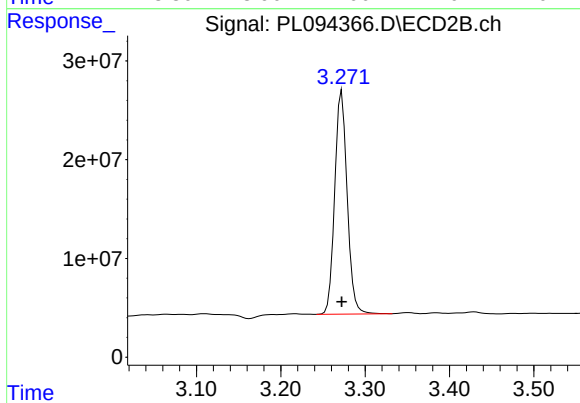
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.000 min
Response: 67204139
Conc: 21.06 ng/ml



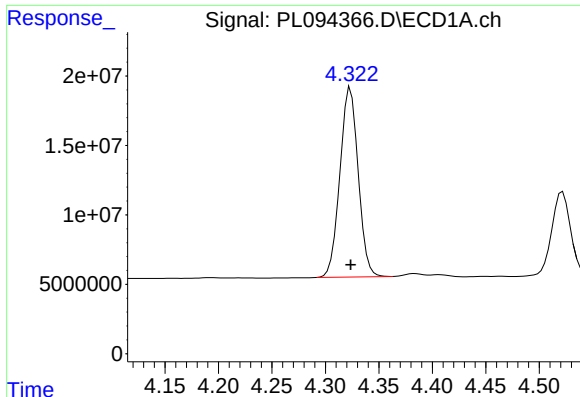
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 170547755
Conc: 45.09 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 231789320
Conc: 47.16 ng/ml



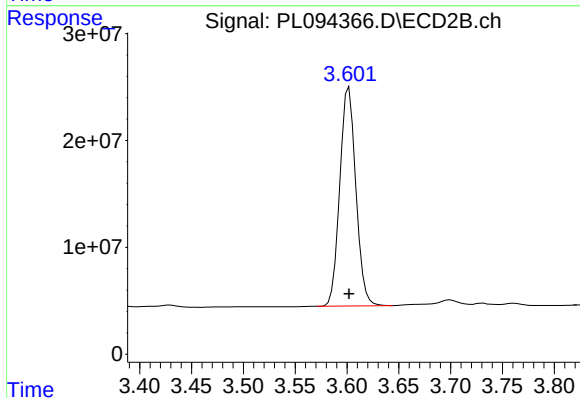
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 162578843
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

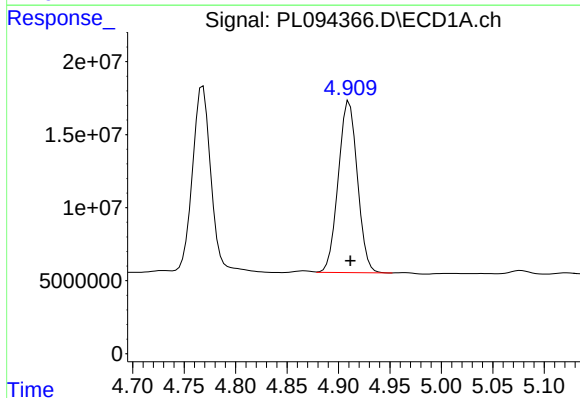
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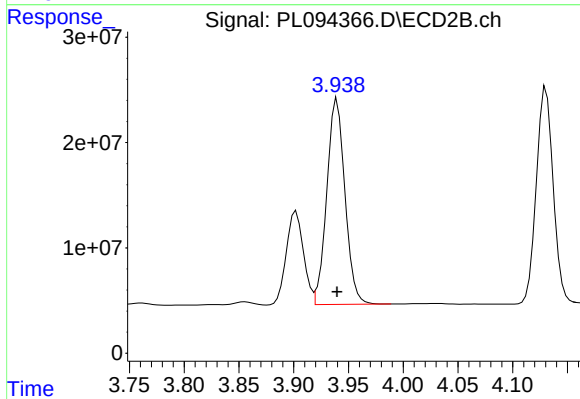
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 220742787
Conc: 46.87 ng/ml



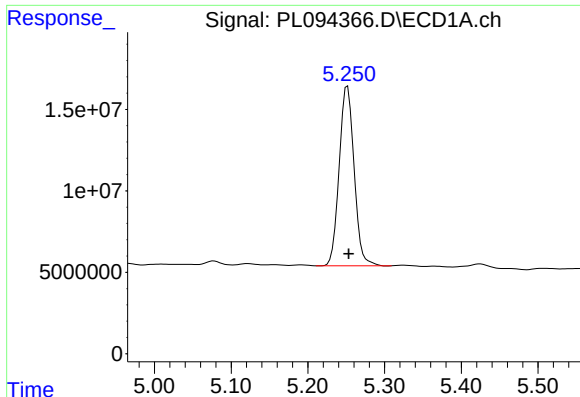
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.001 min
Response: 152007516
Conc: 44.84 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 225552024
Conc: 47.78 ng/ml



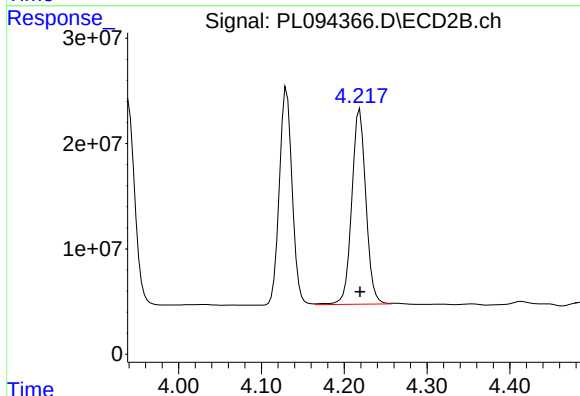
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.002 min
Response: 149128890
Conc: 43.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

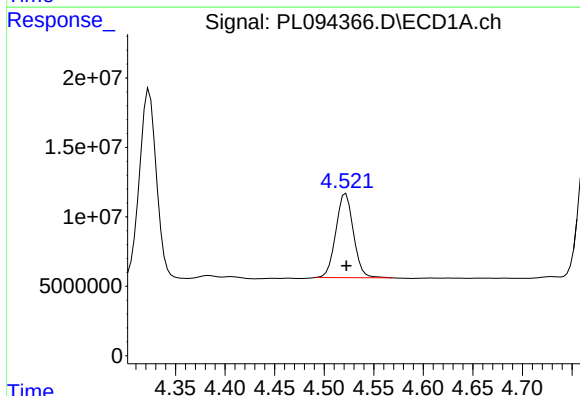
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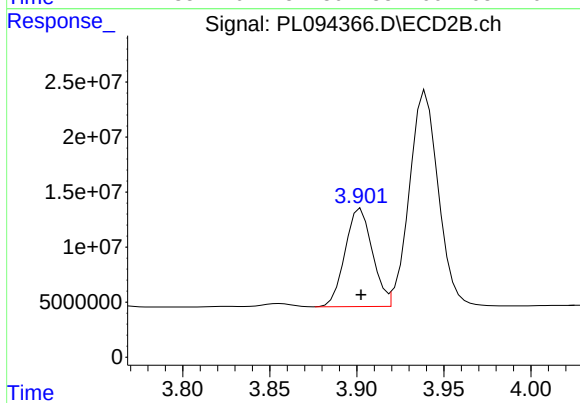
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 219672180
Conc: 47.54 ng/ml



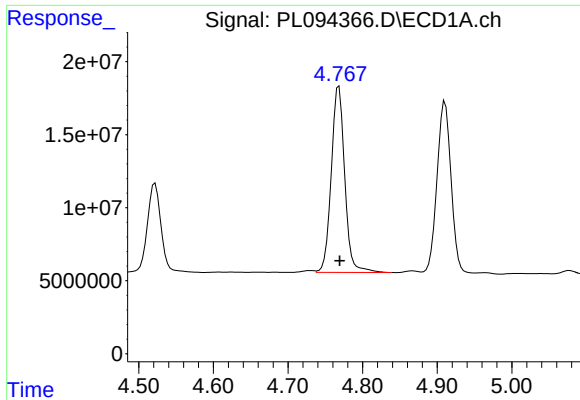
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 74648337
Conc: 46.75 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 97319812
Conc: 48.93 ng/ml



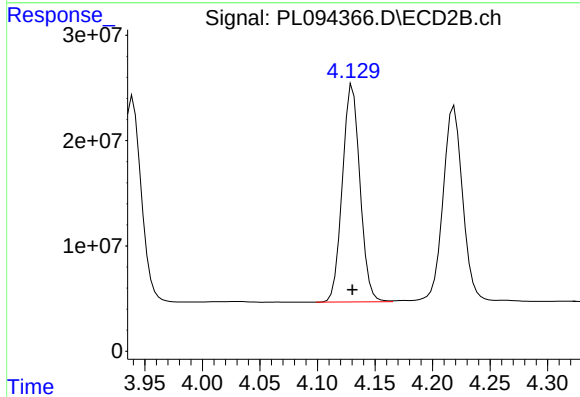
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.002 min
Response: 160123518
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

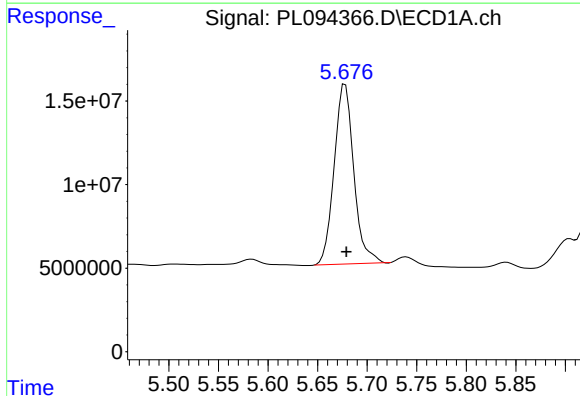
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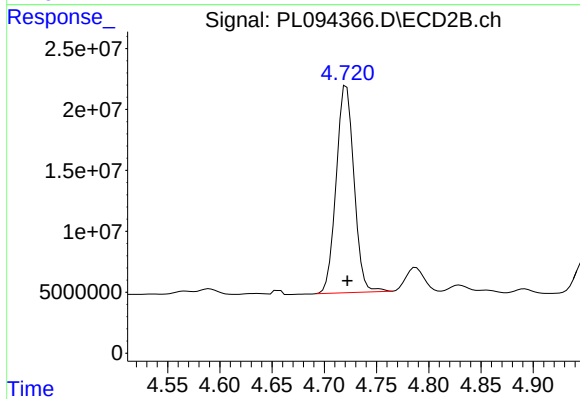
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 220643120
Conc: 46.59 ng/ml



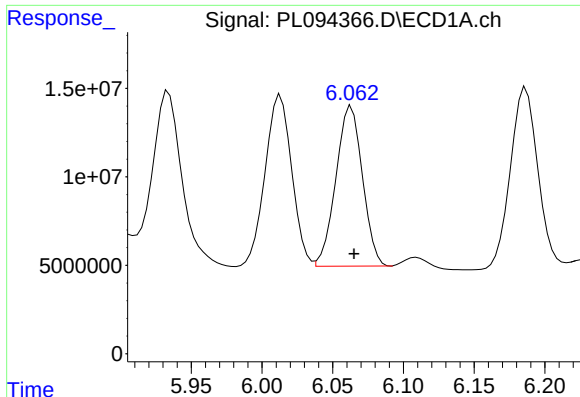
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 148430152
Conc: 49.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 201514627
Conc: 47.36 ng/ml



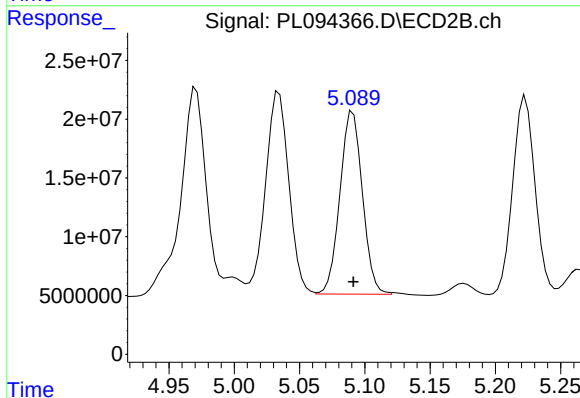
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 118279215
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

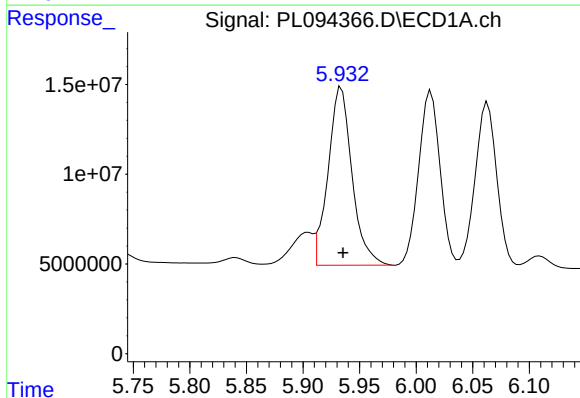
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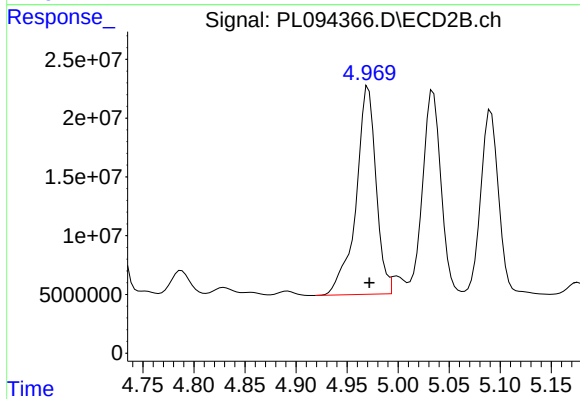
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.002 min
Response: 186381138
Conc: 46.75 ng/ml m



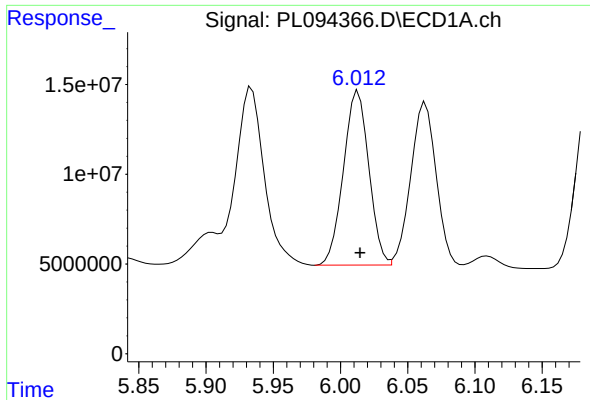
#10 gamma-Chlordane

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 144396208
Conc: 49.18 ng/ml m



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.003 min
Response: 241816859
Conc: 55.73 ng/ml m



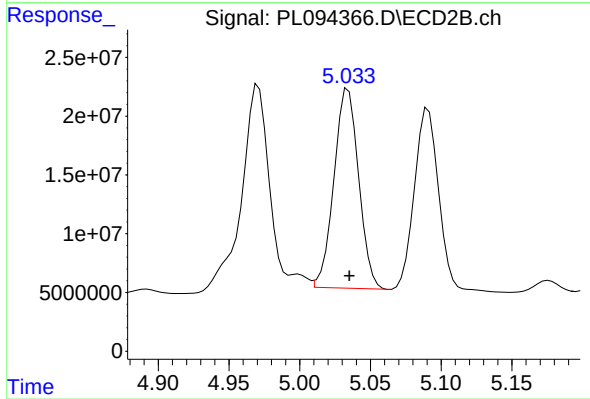
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 127432179
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

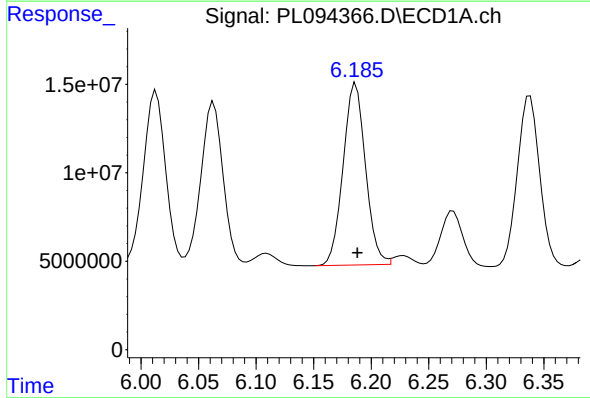
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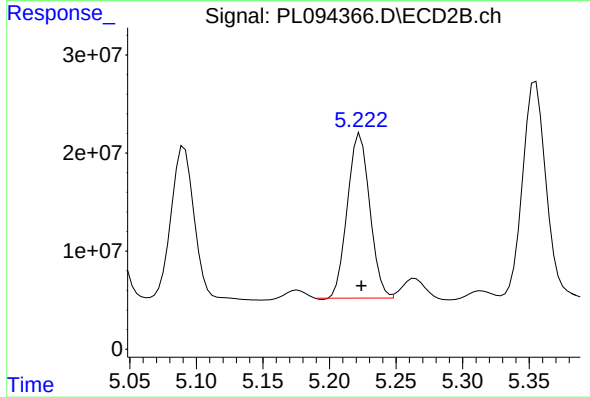
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 206619027
Conc: 47.86 ng/ml



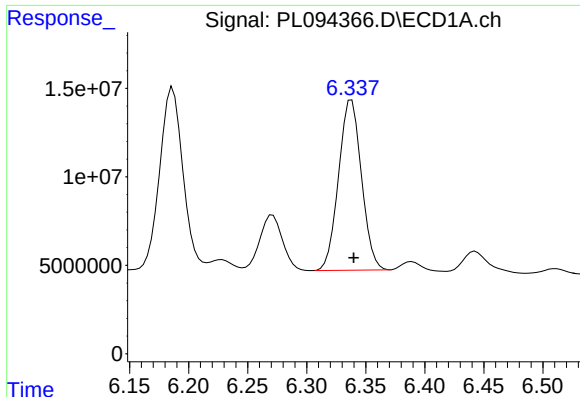
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 139859505
Conc: 53.55 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 196502519
Conc: 46.79 ng/ml



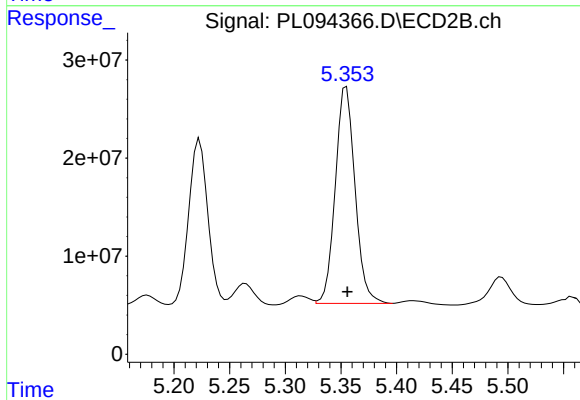
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 129775984
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

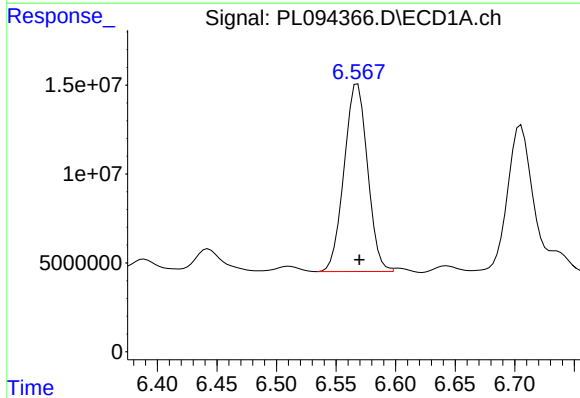
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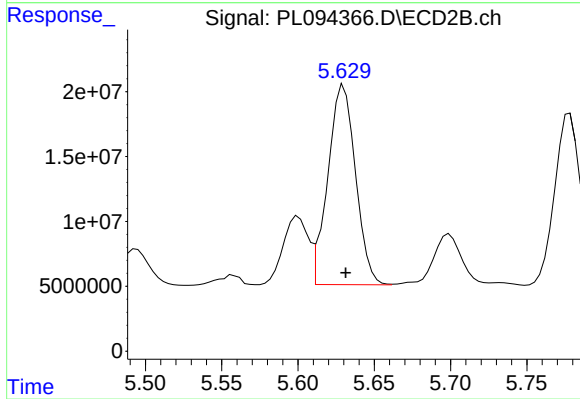
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.002 min
Response: 272694403
Conc: 62.23 ng/ml m



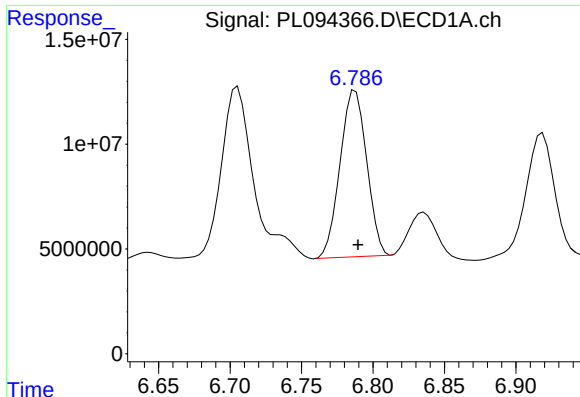
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 144273659
Conc: 56.53 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.003 min
Response: 191680748
Conc: 56.30 ng/ml m



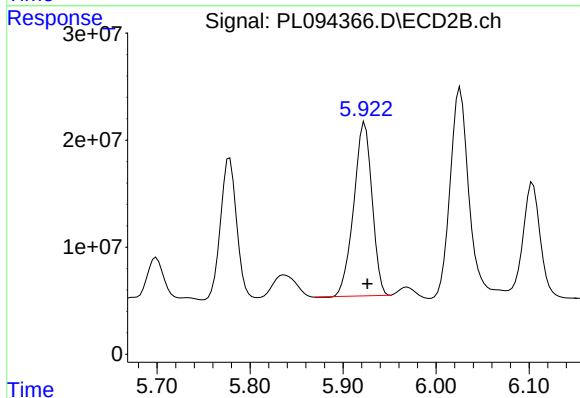
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.002 min
Response: 103080308
Conc: 40.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

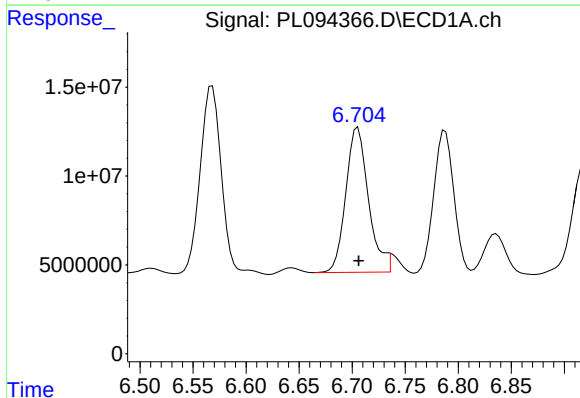
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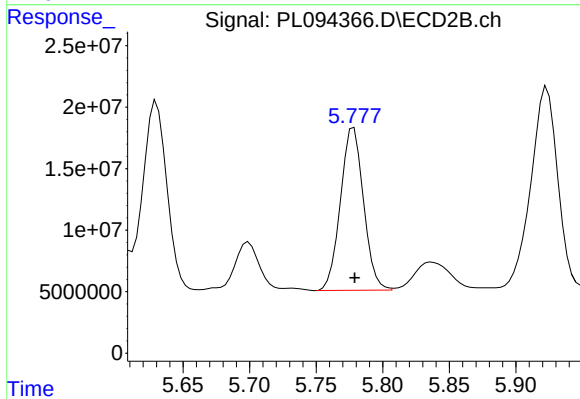
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 221504385
Conc: 59.23 ng/ml



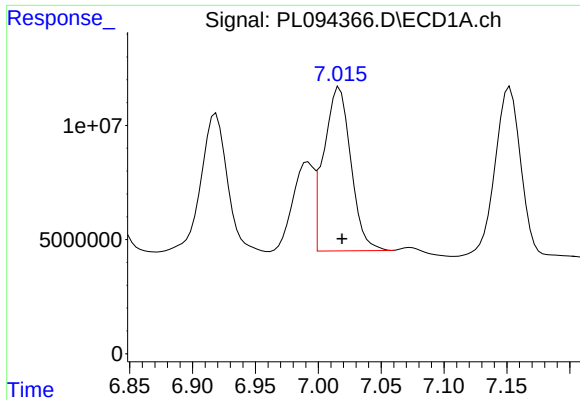
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 122844319
Conc: 66.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 159647742
Conc: 50.12 ng/ml m



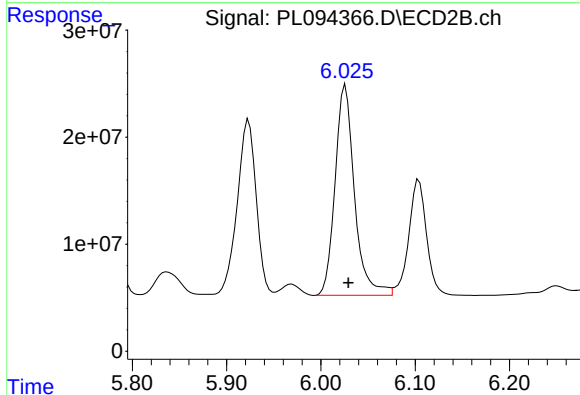
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 107599885
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

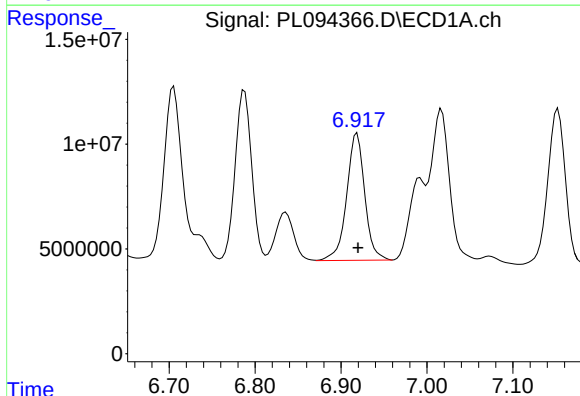
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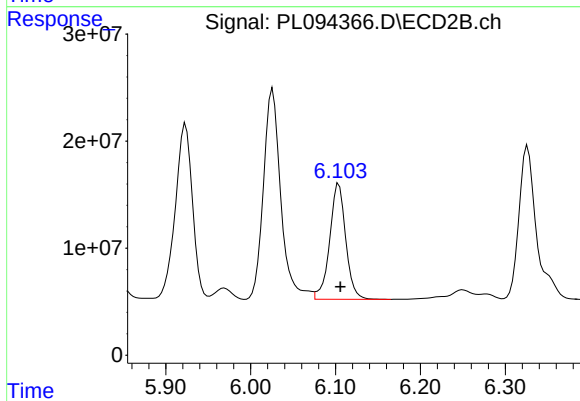
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 281192946
Conc: 79.05 ng/ml



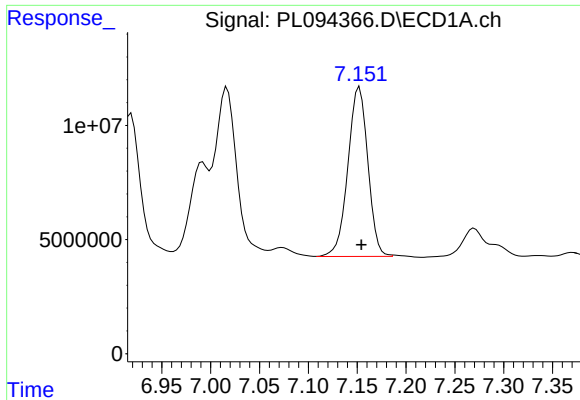
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 88889166
Conc: 45.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 142735348
Conc: 45.16 ng/ml



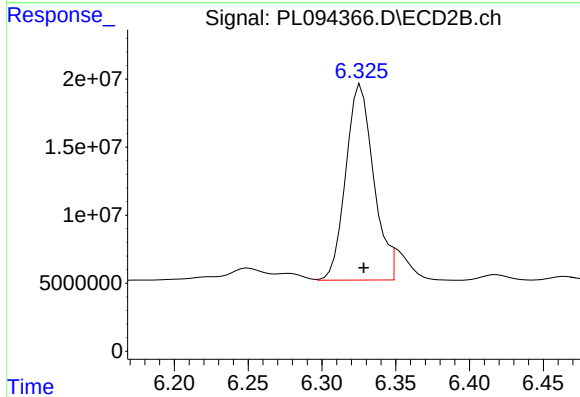
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 105604207
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

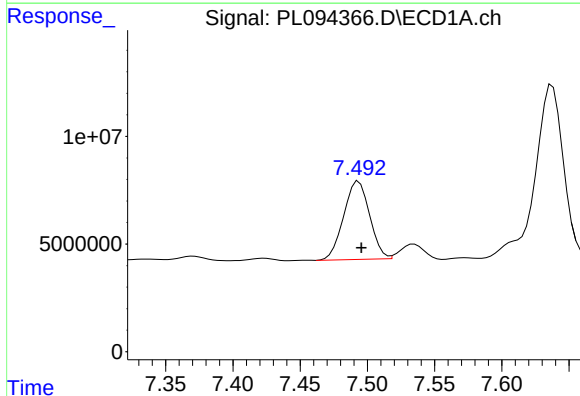
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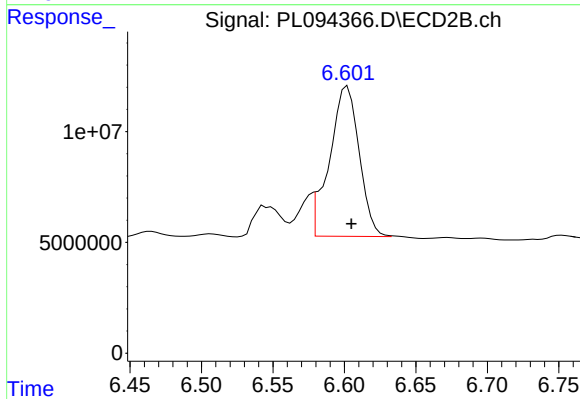
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.003 min
Response: 192886129
Conc: 52.22 ng/ml m



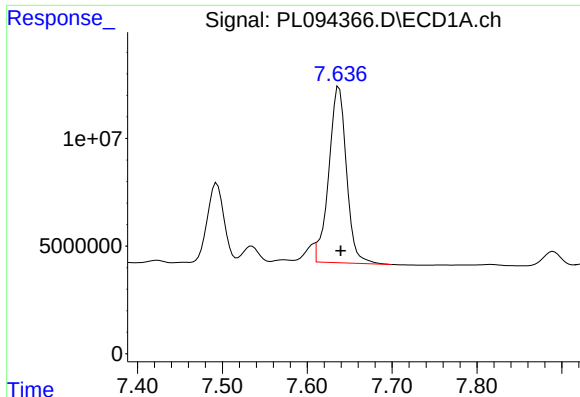
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 48669867
Conc: 43.81 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.004 min
Response: 96209976
Conc: 49.31 ng/ml m



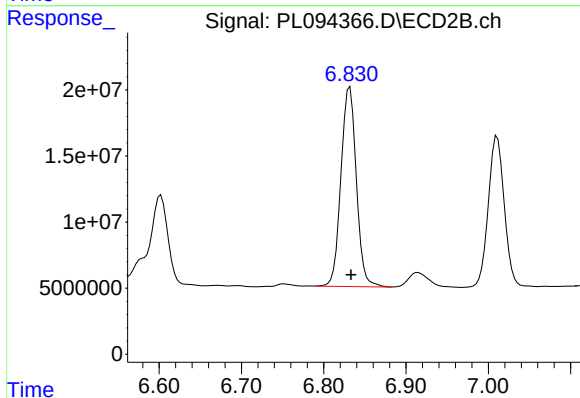
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: -0.003 min
Response: 117923751
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

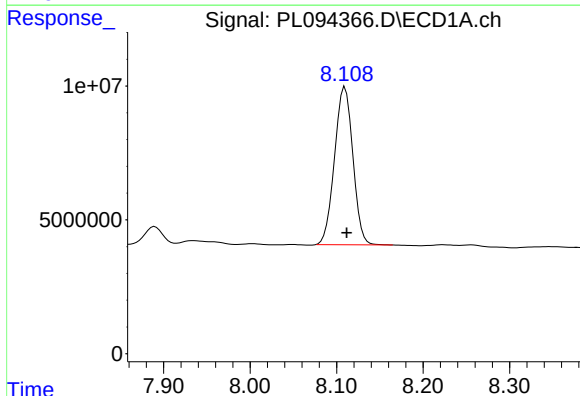
Manual Integrations
APPROVED

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



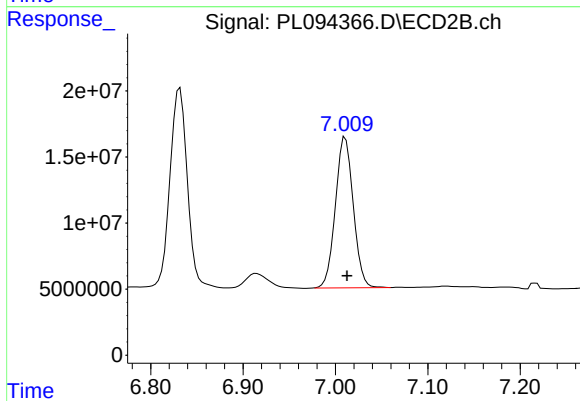
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 196829399
Conc: 46.12 ng/ml m



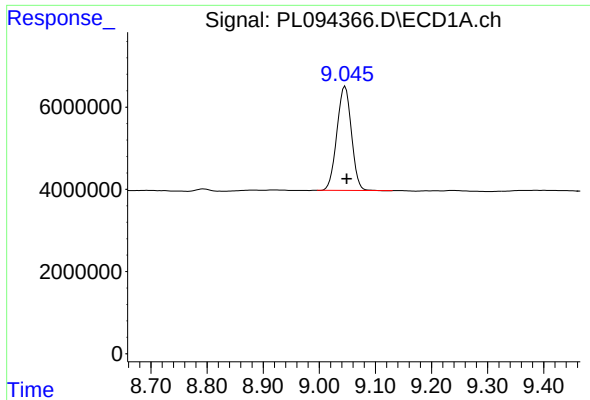
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 86493012
Conc: 41.92 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 153357344
Conc: 43.98 ng/ml



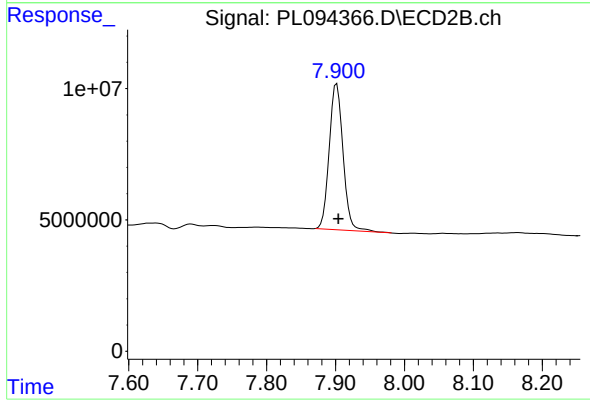
#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 45531252
Conc: 21.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPMS

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.003 min
Response: 77371284
Conc: 20.12 ng/ml