

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:59
 Operator : AR\AJ
 Sample : P2403-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 15:57:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.796	40959481	26358883	20.341	20.544
28)	SA Decachlor...	9.068	7.948	27674330	26996052	19.781	20.069
Target Compounds							
2)	A alpha-BHC	4.006	3.301	15669293	8613288	5.495	4.565
3)	MA gamma-BHC...	4.338	3.632	15681395	8375476	5.633	4.539
4)	MA Heptachlor	4.929	3.974	15766233	8146560	6.357	4.649 #
5)	MB Aldrin	5.271	4.255	15753897	8018361	6.134	4.536 #
6)	B beta-BHC	4.533	3.929	6344988	4362330	5.029	5.343
7)	B delta-BHC	4.781	4.160	14696519	7848594	5.542	4.362
8)	B Heptachlo...	5.697	4.758	14566062	8211730	6.210	5.079
9)	A Endosulfan I	6.082	5.129	12804562	7714267	5.956	5.151
10)	B gamma-Chl...	5.951	5.009	15228780	8559643	6.662	5.216
11)	B alpha-Chl...	6.031	5.073	13937227	8565902	6.127	5.194
12)	B 4,4'-DDE	6.204	5.262	11679835	6977075	5.773	4.799
13)	MA Dieldrin	6.357	5.394	13061647	7967098	5.835	4.952
14)	MA Endrin	6.586	5.669	10256010	6842950	5.414	4.760
15)	B Endosulfa...	6.805	5.963	11728078	7876573	5.876	5.476
16)	A 4,4'-DDD	6.720	5.816	10513531	6890352	6.232	5.587
17)	MA 4,4'-DDT	7.033	6.068	9569760	5289478	5.204	3.909
18)	B Endrin al...	6.934	6.142	8907677	6136369	5.890	5.517
19)	B Endosulfa...	7.169	6.365	10676681	7446286	5.902	5.368
20)	A Methoxychlor	7.509	6.643	4952290	3455018	5.036	4.321
21)	B Endrin ke...	7.653	6.872	11955221	8147115	5.973	5.095
22)	Mirex	8.128	7.055	8920858	7673693	5.740	5.625
23)	Chlordane-1	0.000	3.828f	0	13283	N.D.	0.270 #
24)	Chlordane-2	5.216f	4.396f	318144	150810	3.027	2.371
25)	Chlordane-3	5.951	5.009	15228780	8559643	46.112	49.992
26)	Chlordane-4	6.031	5.073	13937227	8565902	34.191	53.256 #
27)	Chlordane-5	6.883	5.769f	104077	232289	1.251	4.539 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:59
Operator : AR\AJ
Sample : P2403-02
Misc : PEST LOQ 5PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Manual Integrations
APPROVED

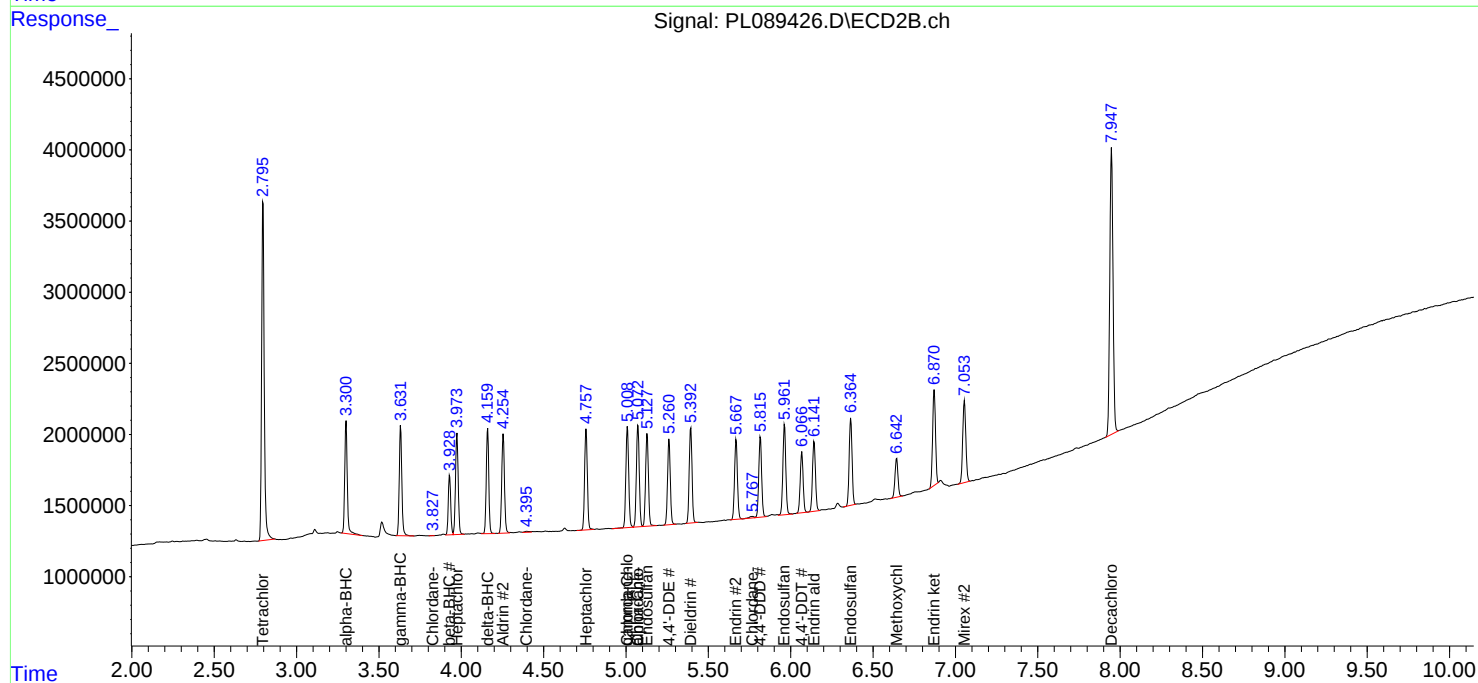
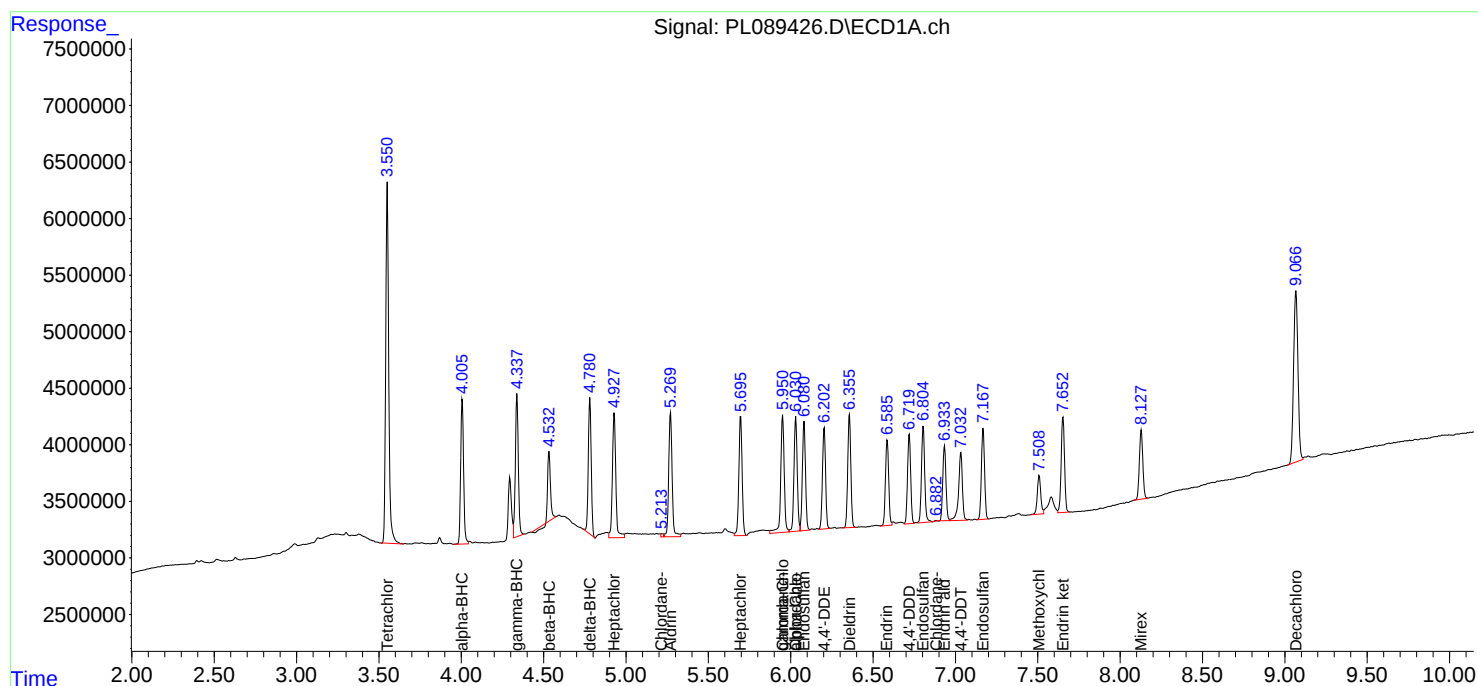
Reviewed By :Abdul
Mirza

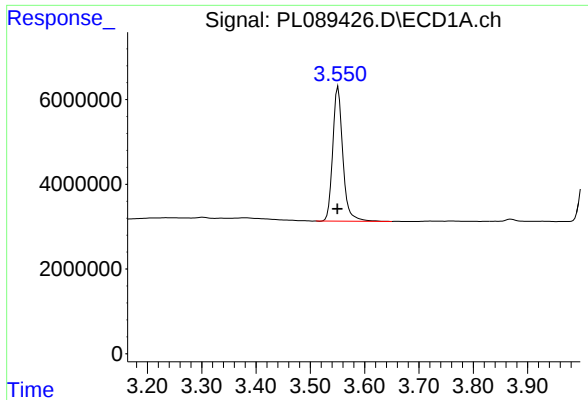
05/10/2024
Supervised By :Ankita
Jodhani

05/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 15:57:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
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QLast Update : Fri Apr 26 19:27:30 2024
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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





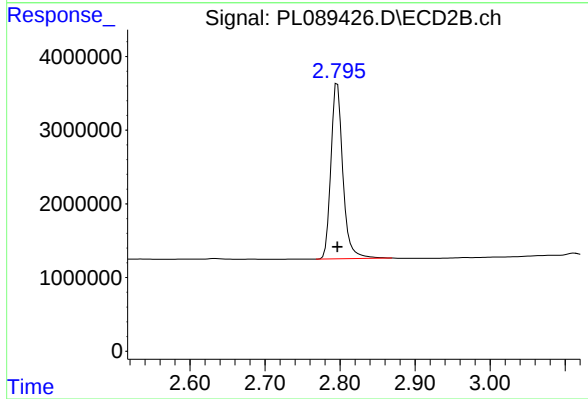
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 40959481
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

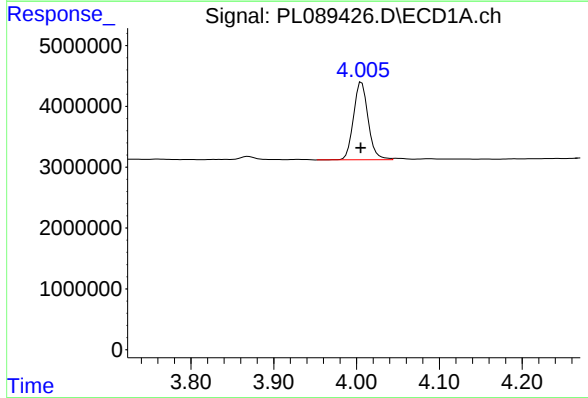
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Supervised By :Ankita Jodhani 05/13/2024



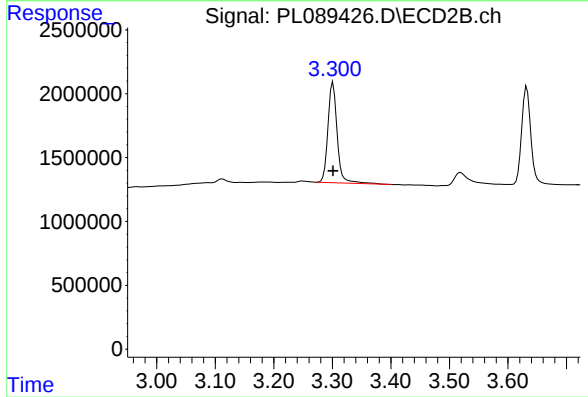
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 26358883
Conc: 20.54 ng/ml



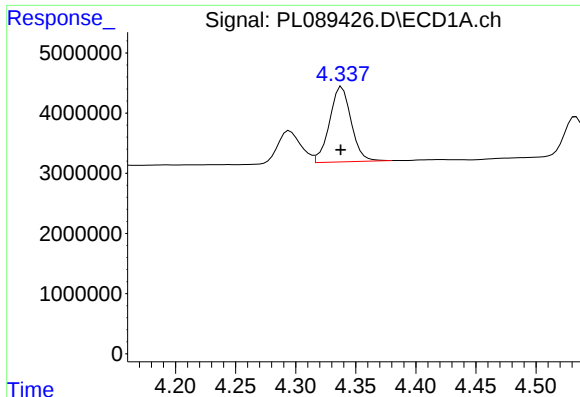
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 15669293
Conc: 5.49 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 8613288
Conc: 4.56 ng/ml



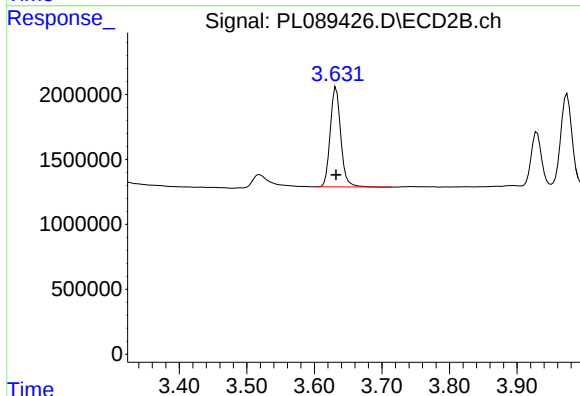
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 15681395
Conc: 5.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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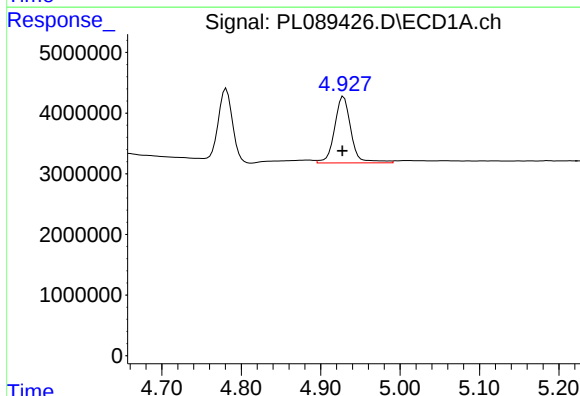
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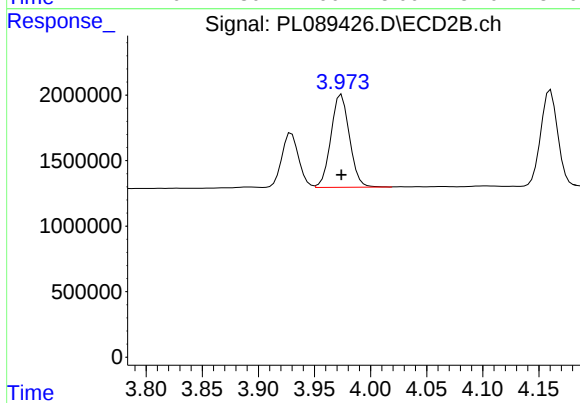
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 8375476
Conc: 4.54 ng/ml



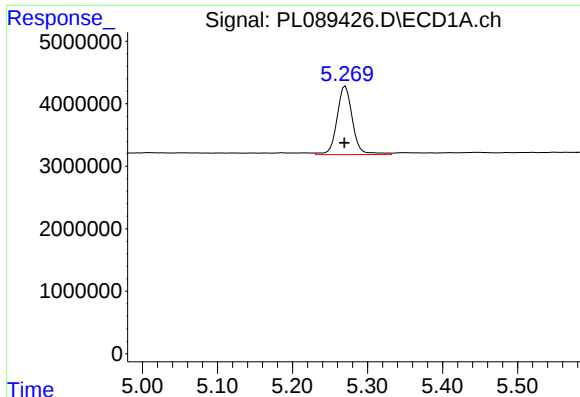
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 15766233
Conc: 6.36 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 8146560
Conc: 4.65 ng/ml



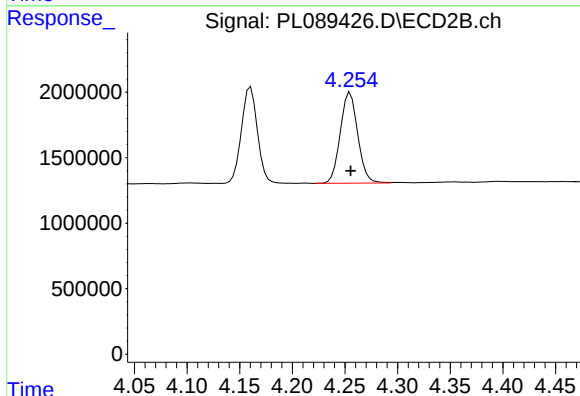
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 15753897
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

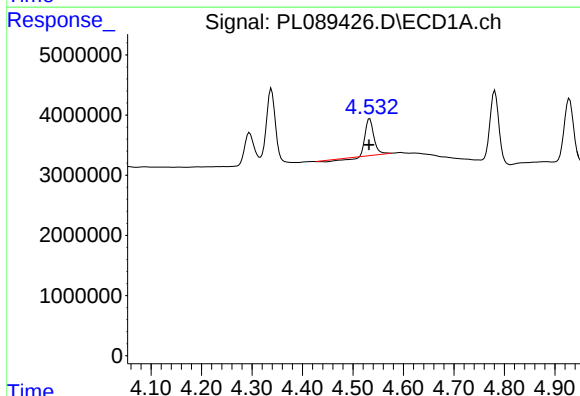
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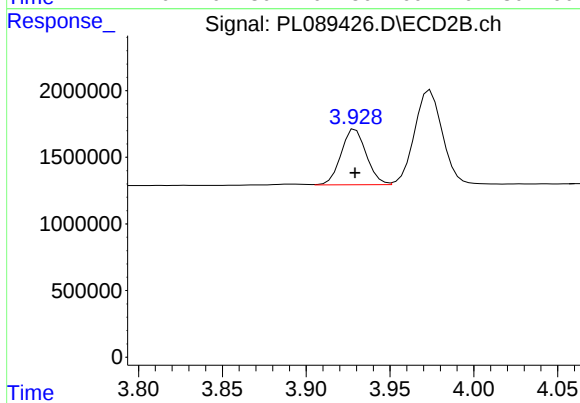
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 8018361
Conc: 4.54 ng/ml



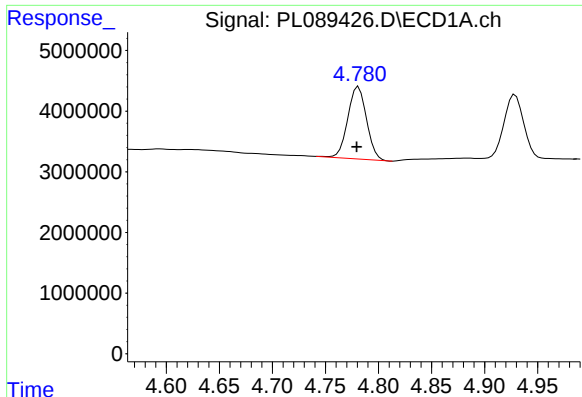
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 6344988
Conc: 5.03 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 4362330
Conc: 5.34 ng/ml



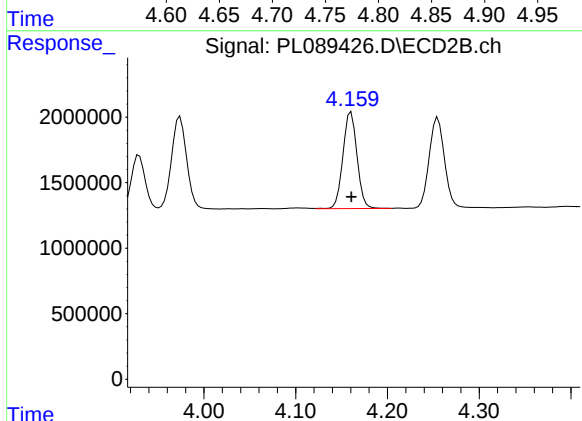
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 14696519
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

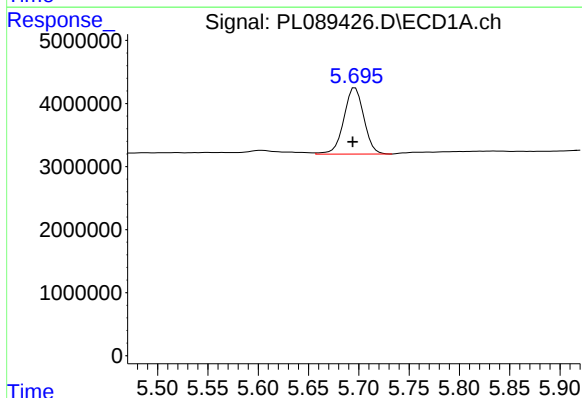
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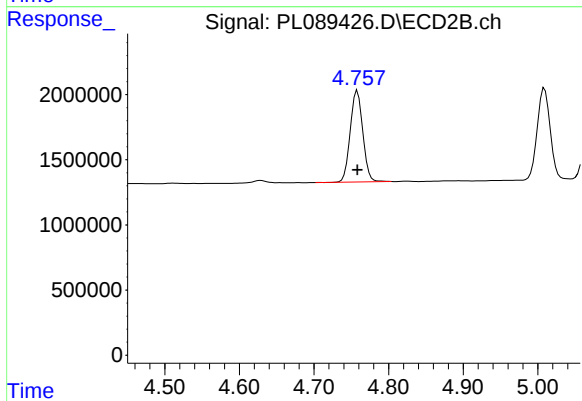
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 7848594
Conc: 4.36 ng/ml



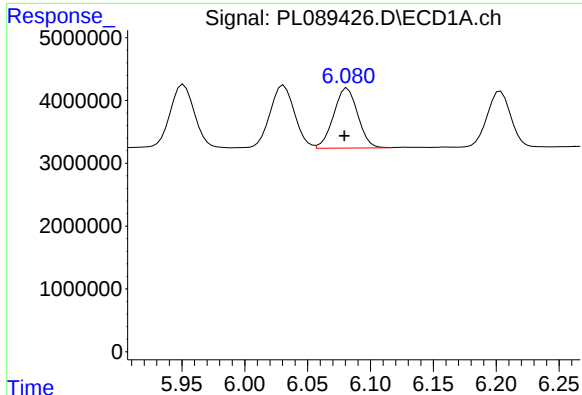
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.002 min
Response: 14566062
Conc: 6.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 8211730
Conc: 5.08 ng/ml



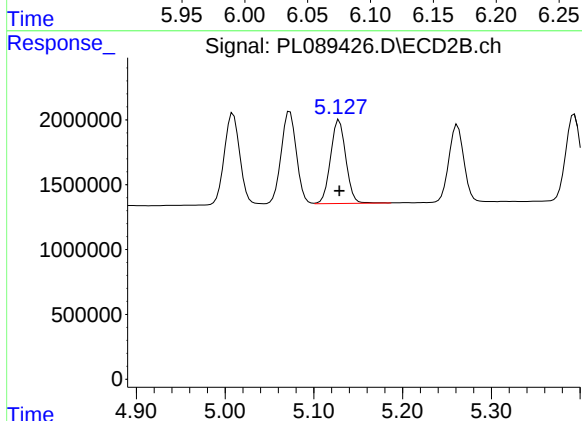
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 12804562
Conc: 5.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

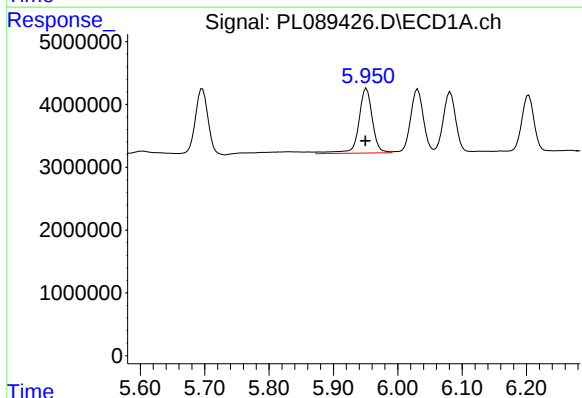
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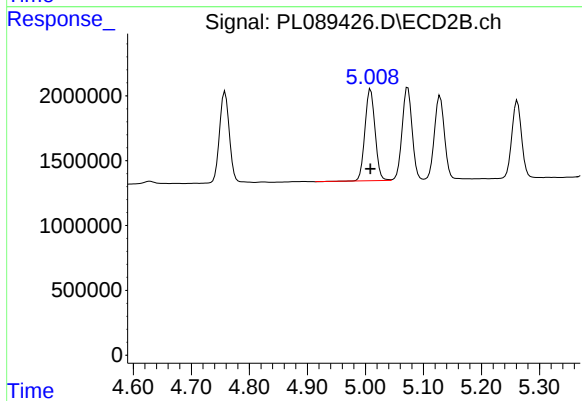
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 7714267
Conc: 5.15 ng/ml



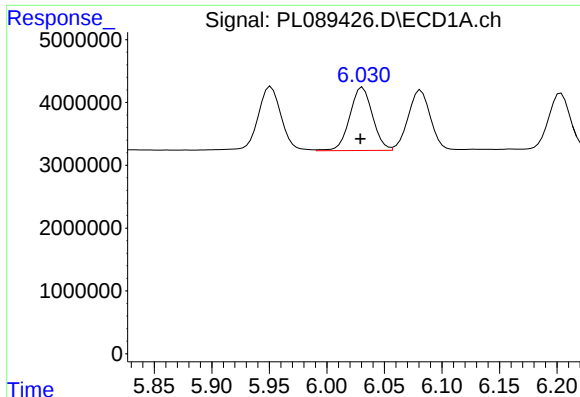
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 15228780
Conc: 6.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 8559643
Conc: 5.22 ng/ml



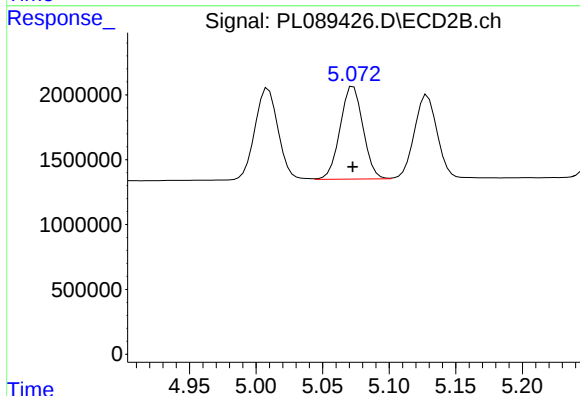
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 13937227
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

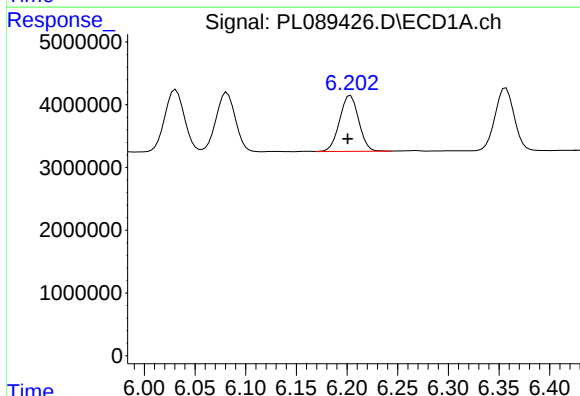
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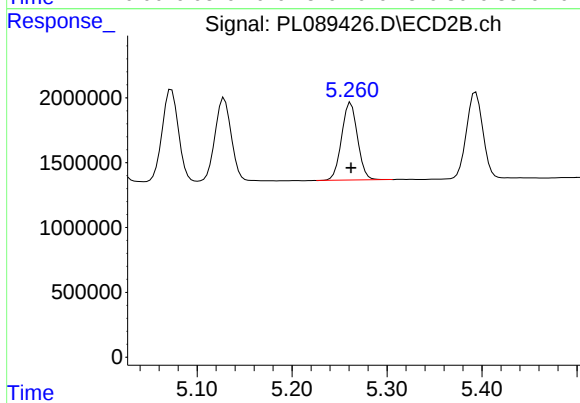
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 8565902
Conc: 5.19 ng/ml



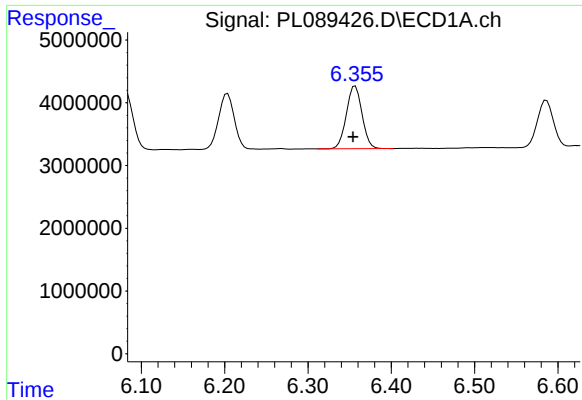
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 11679835
Conc: 5.77 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 6977075
Conc: 4.80 ng/ml



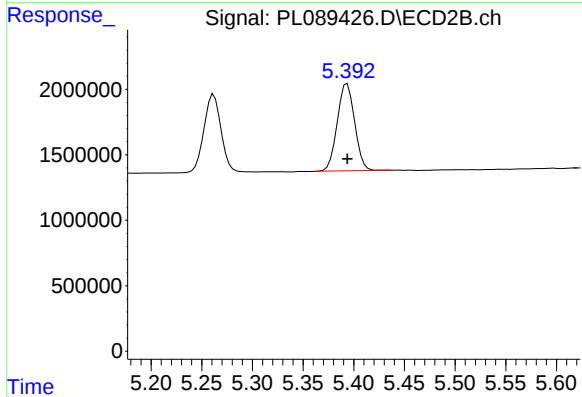
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 13061647
Conc: 5.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

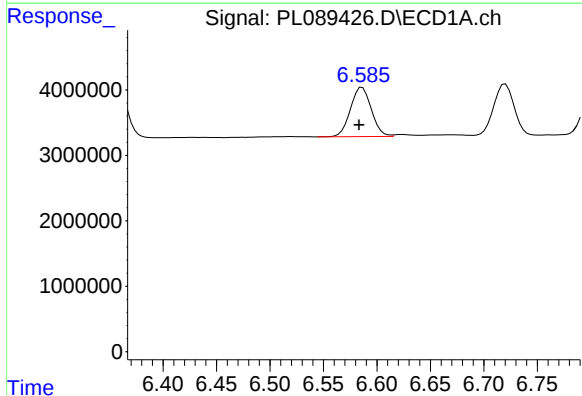
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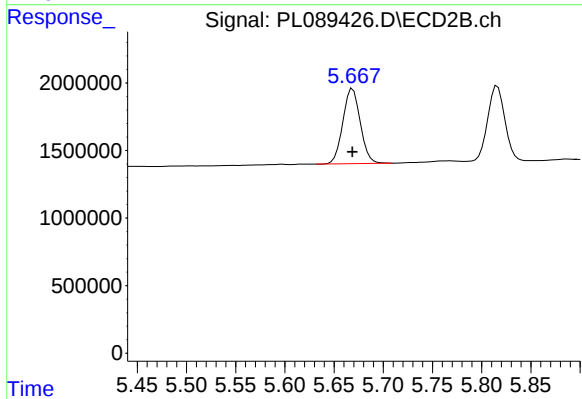
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 7967098
Conc: 4.95 ng/ml



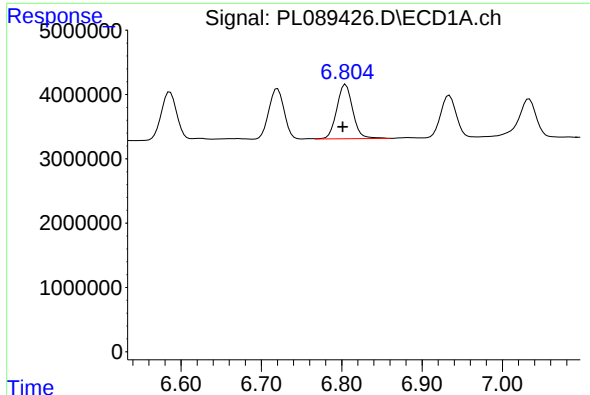
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 10256010
Conc: 5.41 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 6842950
Conc: 4.76 ng/ml



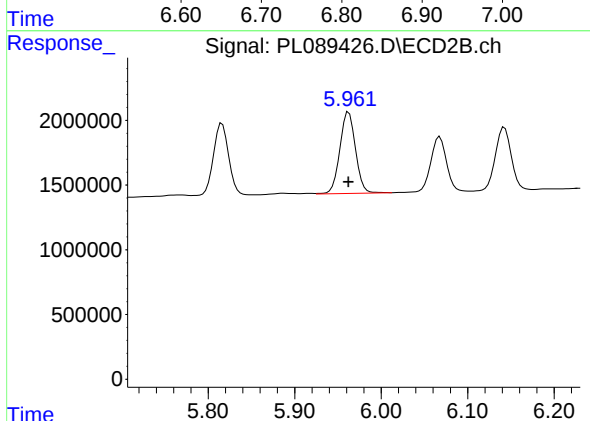
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 11728078
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

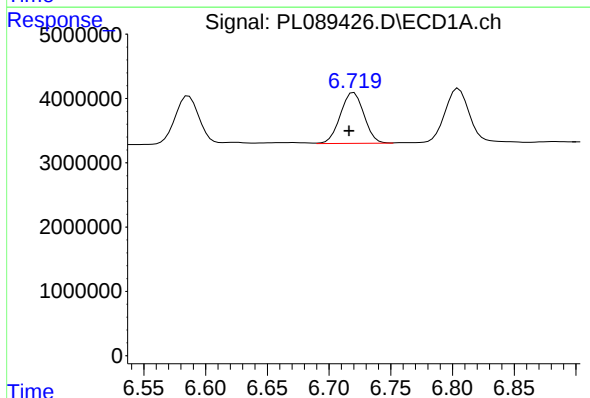
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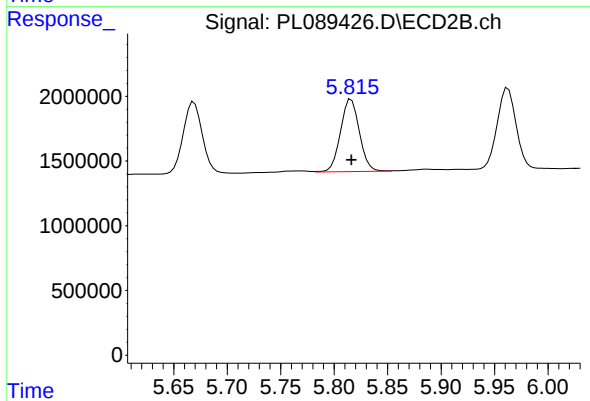
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 7876573
Conc: 5.48 ng/ml



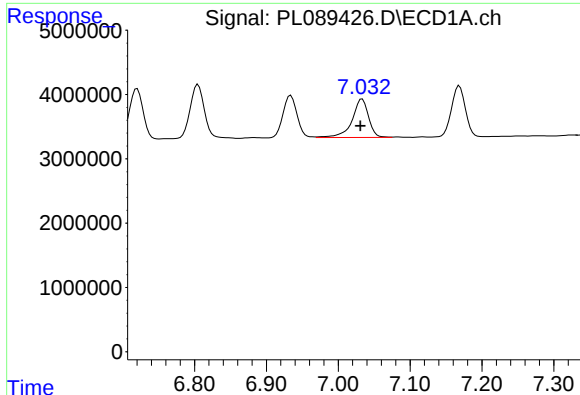
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 10513531
Conc: 6.23 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 6890352
Conc: 5.59 ng/ml



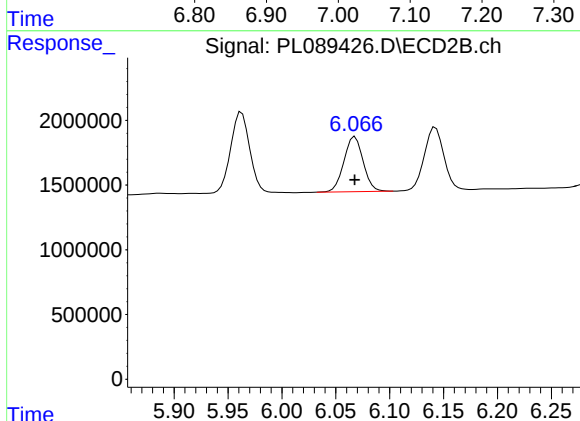
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 9569760
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

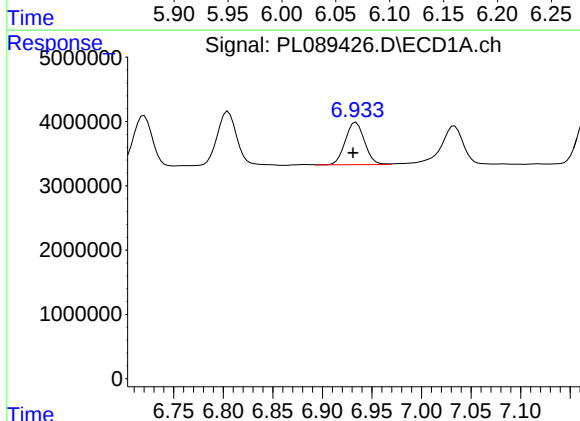
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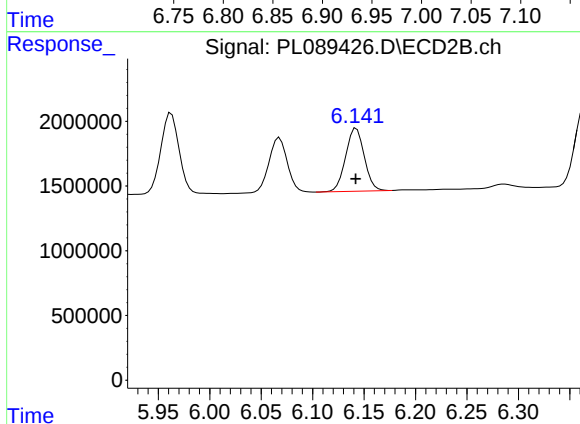
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 5289478
Conc: 3.91 ng/ml



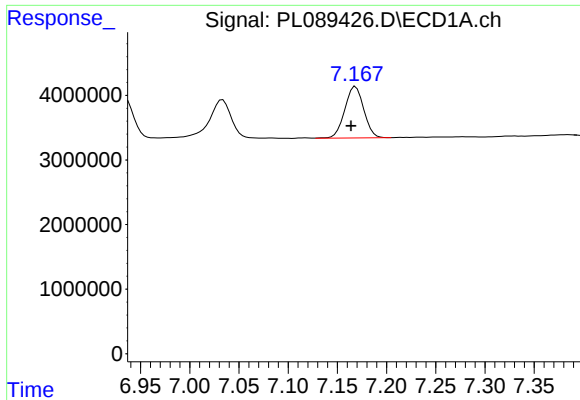
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 8907677
Conc: 5.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 6136369
Conc: 5.52 ng/ml



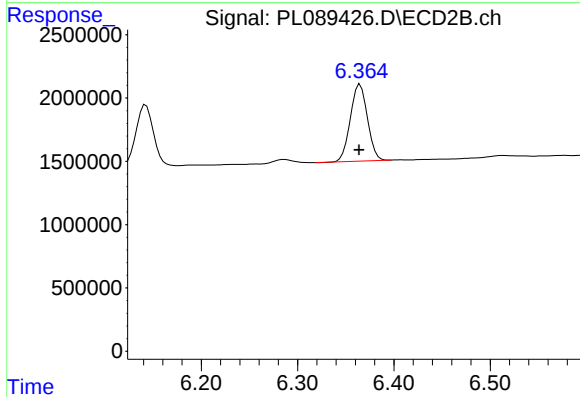
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 10676681
Conc: 5.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

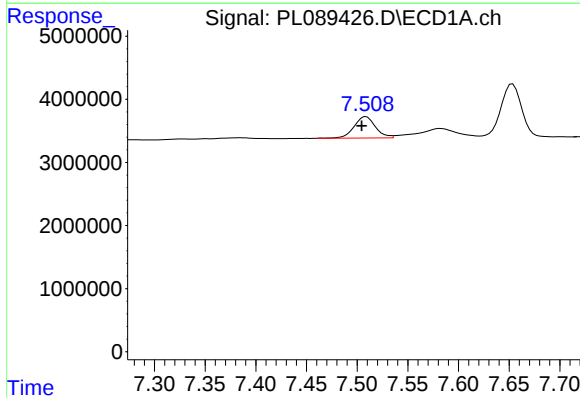
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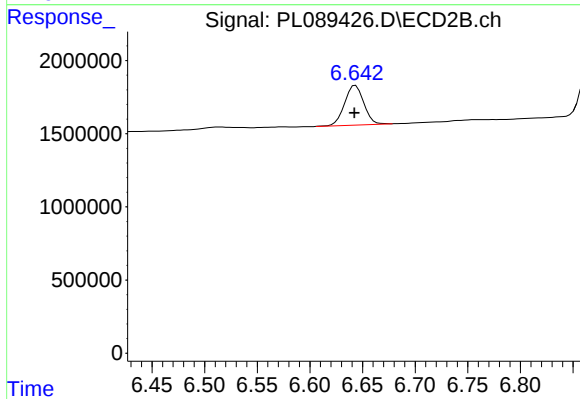
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 7446286
Conc: 5.37 ng/ml



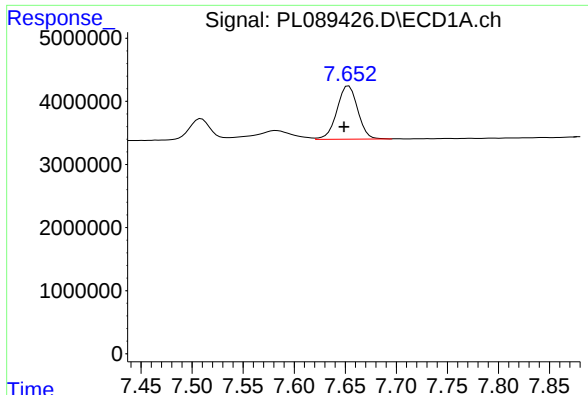
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 4952290
Conc: 5.04 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.001 min
Response: 3455018
Conc: 4.32 ng/ml



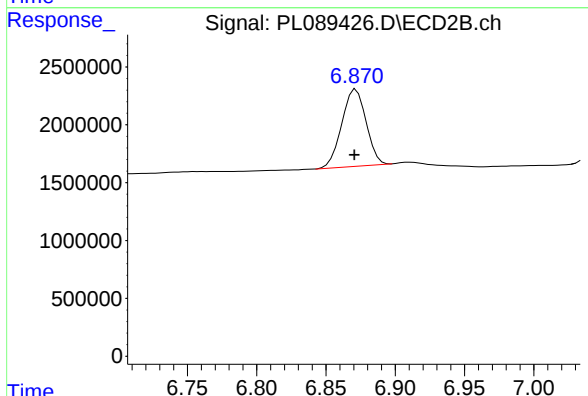
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.005 min
Response: 11955221
Conc: 5.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

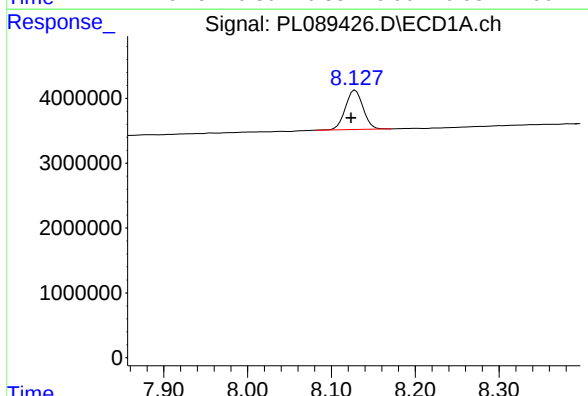
Manual Integrations
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Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



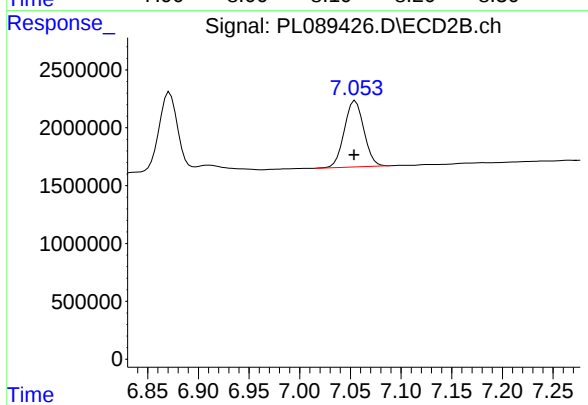
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 8147115
Conc: 5.10 ng/ml



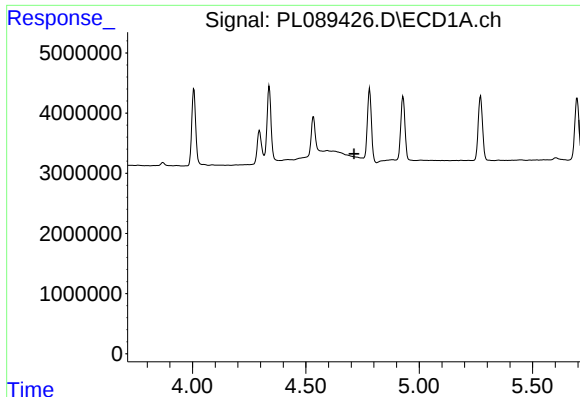
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.005 min
Response: 8920858
Conc: 5.74 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 7673693
Conc: 5.62 ng/ml



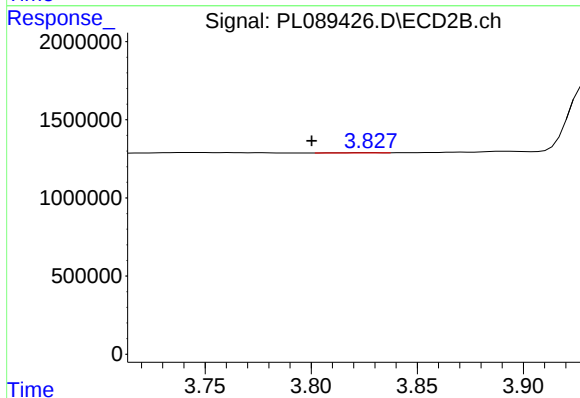
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

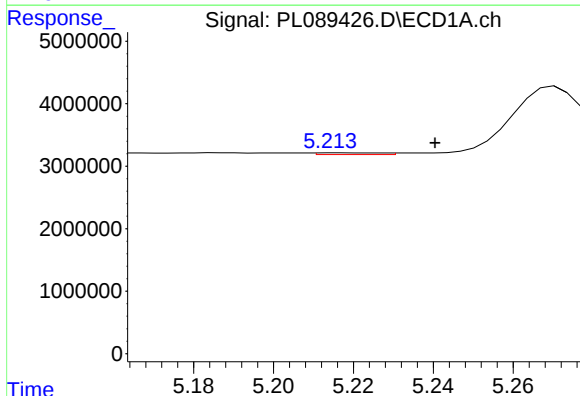
Manual Integrations
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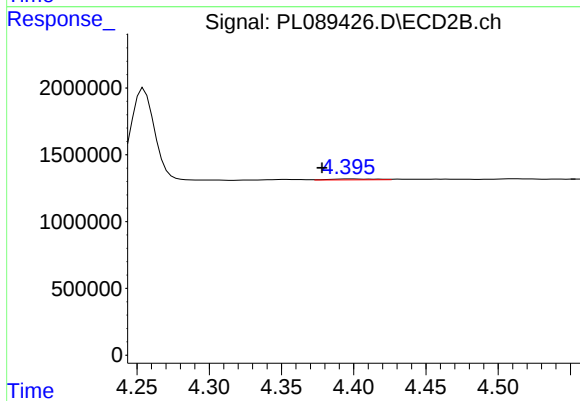
#23 Chlordane-1

R.T.: 3.828 min
Delta R.T.: 0.028 min
Response: 13283
Conc: 0.27 ng/ml



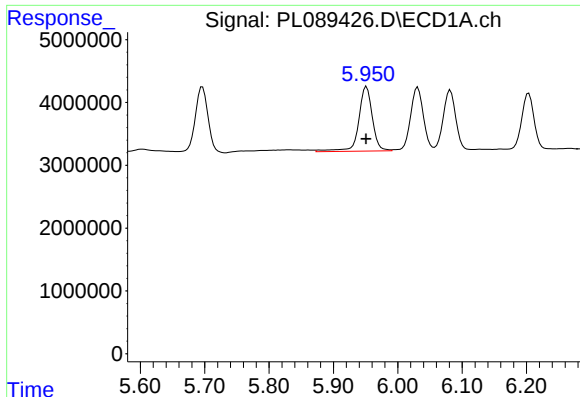
#24 Chlordane-2

R.T.: 5.216 min
Delta R.T.: -0.025 min
Response: 318144
Conc: 3.03 ng/ml



#24 Chlordane-2

R.T.: 4.396 min
Delta R.T.: 0.018 min
Response: 150810
Conc: 2.37 ng/ml



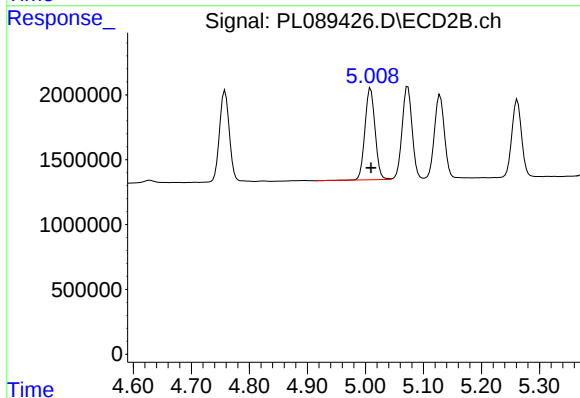
#25 Chlordane-3

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 15228780
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

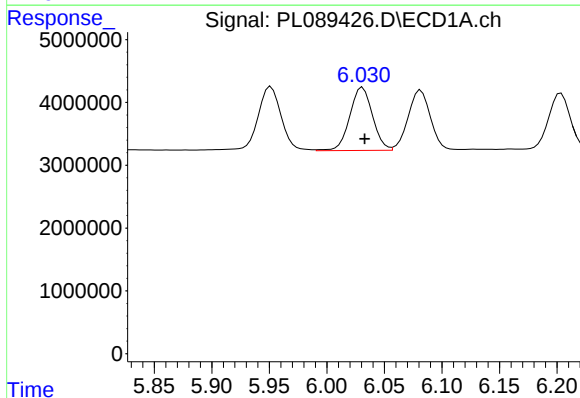
Manual Integrations
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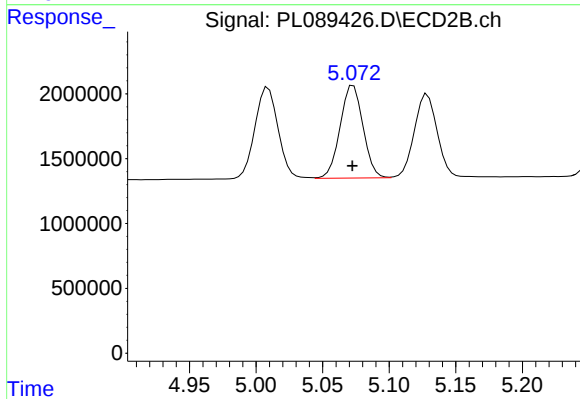
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 8559643
Conc: 49.99 ng/ml



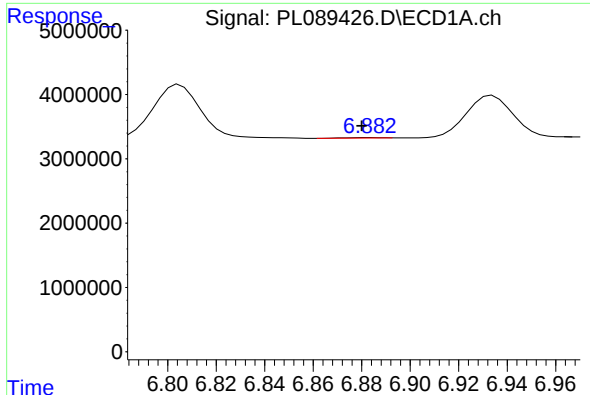
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 13937227
Conc: 34.19 ng/ml



#26 Chlordane-4

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 8565902
Conc: 53.26 ng/ml



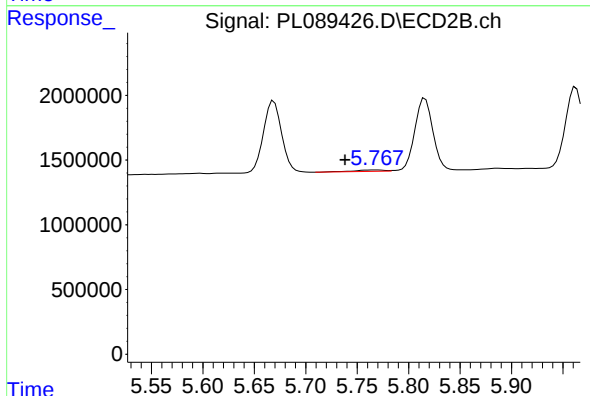
#27 Chlordane-5

R.T.: 6.883 min
Delta R.T.: 0.003 min
Response: 104077
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT2-2024

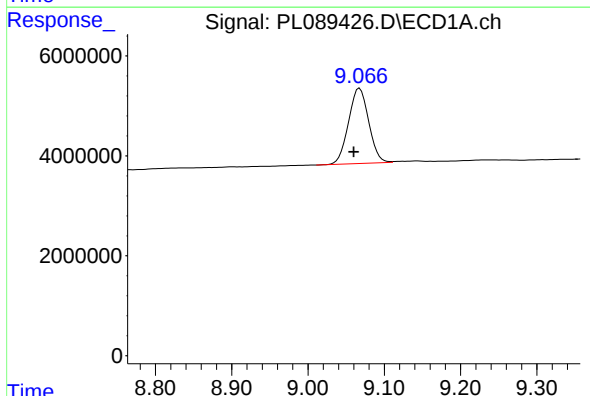
Manual Integrations
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Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



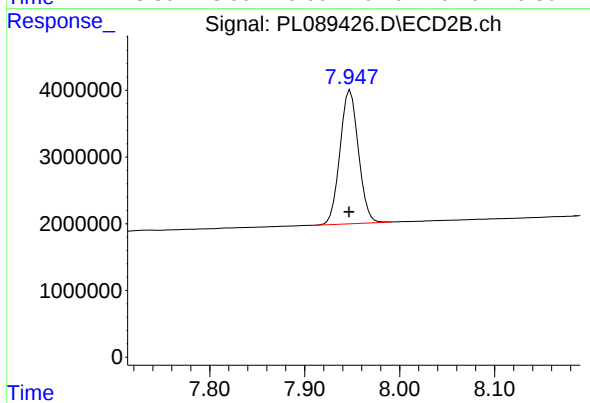
#27 Chlordane-5

R.T.: 5.769 min
Delta R.T.: 0.030 min
Response: 232289
Conc: 4.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 27674330
Conc: 19.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.001 min
Response: 26996052
Conc: 20.07 ng/ml