

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122724\
 Data File : PL093550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2024 17:27
 Operator : AR\AJ
 Sample : P5362-02MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SOIL-20241219MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/30/2024
 Supervised By :Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 01:01:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.539	2.776	47228368	56265611	19.077	19.327
28)	SA Decachlor...	9.053	7.912	33069193	54555546	17.885	18.271
Target Compounds							
2)	A alpha-BHC	3.995	3.278	167.2E6	217.9E6	48.433	50.133
3)	MA gamma-BHC...	4.328	3.609	156.5E6	206.7E6	47.722	49.000
4)	MA Heptachlor	4.916	3.947	143.1E6	207.3E6	48.863	49.872
5)	MB Aldrin	5.257	4.227	133.3E6	195.1E6	45.813	47.550
6)	B beta-BHC	4.526	3.908	69755763	90072586	48.388	50.110
7)	B delta-BHC	4.773	4.137	154.4E6	208.4E6	50.406	49.279
8)	B Heptachlo...	5.684	4.729	126.1E6	186.6E6	47.861	48.730
9)	A Endosulfan I	6.070	5.098	114.7E6	177.7E6	48.603	50.870
10)	B gamma-Chl...	5.940	4.979	123.0E6	199.7E6	48.925	51.835
11)	B alpha-Chl...	6.019	5.043	123.3E6	193.0E6	49.267	50.678
12)	B 4,4'-DDE	6.193	5.231	113.1E6	190.3E6	50.399	51.759
13)	MA Dieldrin	6.345	5.363	122.5E6	195.8E6	49.087	50.800
14)	MA Endrin	6.573	5.638	97854740	165.7E6	45.462m	50.085
15)	B Endosulfa...	6.794	5.933	107.0E6	172.9E6	47.078	53.214
16)	A 4,4'-DDD	6.710	5.786	91989122	154.6E6	52.387	54.634
17)	MA 4,4'-DDT	7.023	6.036	95224216	153.6E6	51.514	50.853
18)	B Endrin al...	6.924	6.112	83471063	130.5E6	47.038	48.454
19)	B Endosulfa...	7.158	6.335	100.1E6	163.9E6	49.591	51.950
20)	A Methoxychlor	7.500	6.611	49421054	79931140	49.437	49.658
21)	B Endrin ke...	7.644	6.840	113.4E6	192.6E6	50.553	52.914
22)	Mirex	8.117	7.020	84423088	139.0E6	45.177	45.479

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122724\
Data File : PL093550.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2024 17:27
Operator : AR\AJ
Sample : P5362-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

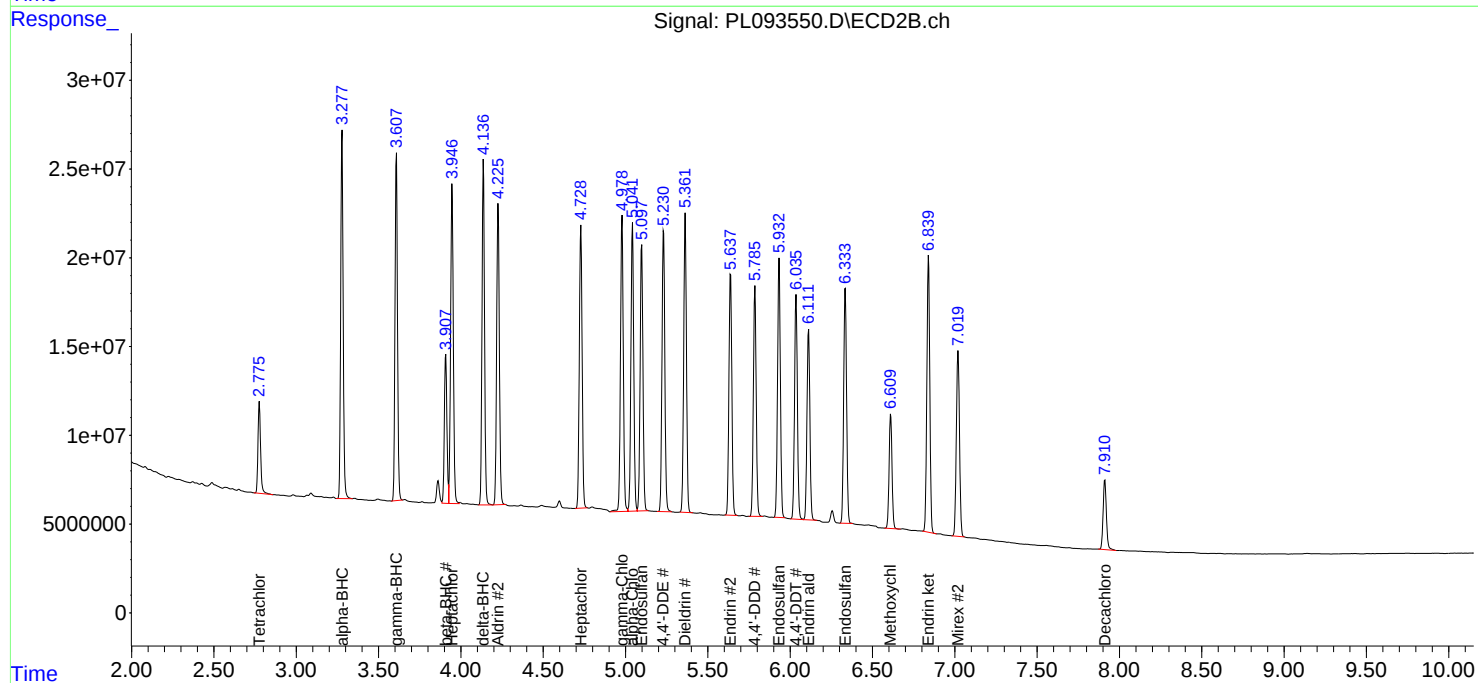
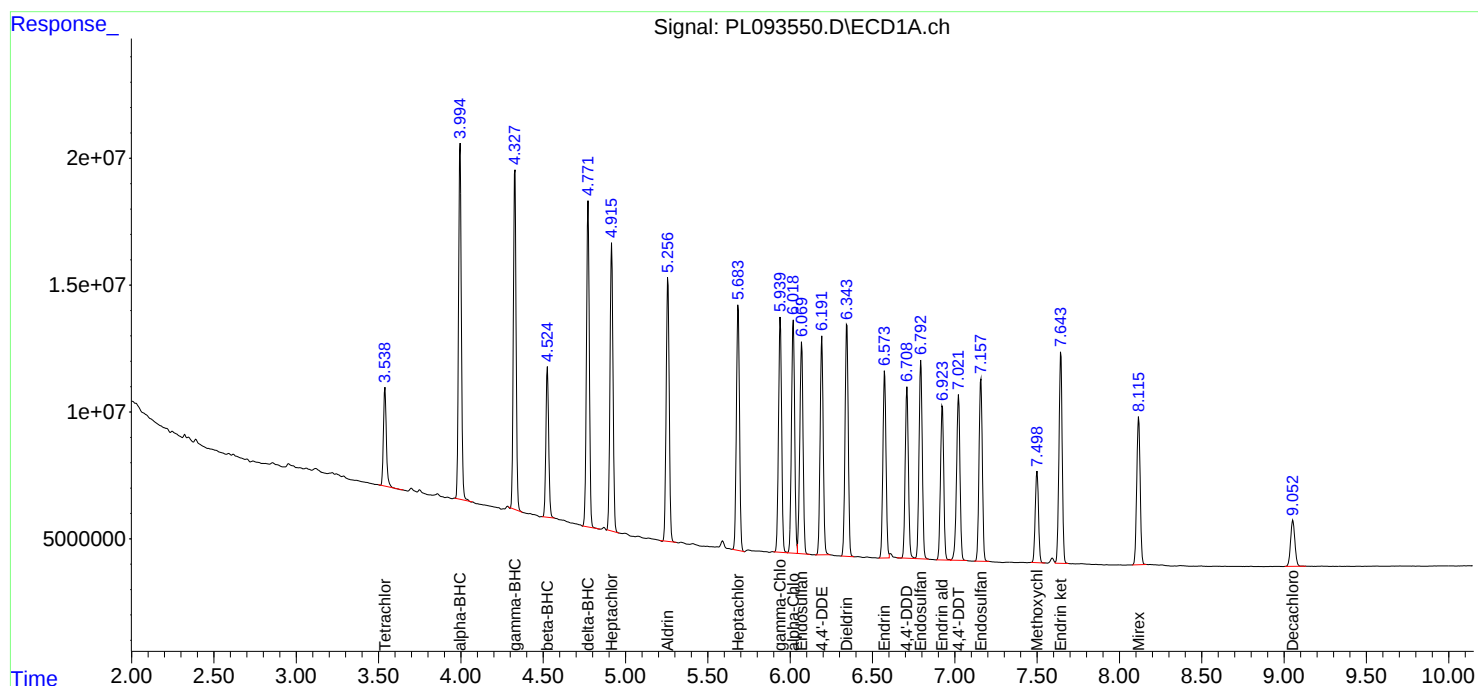
Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

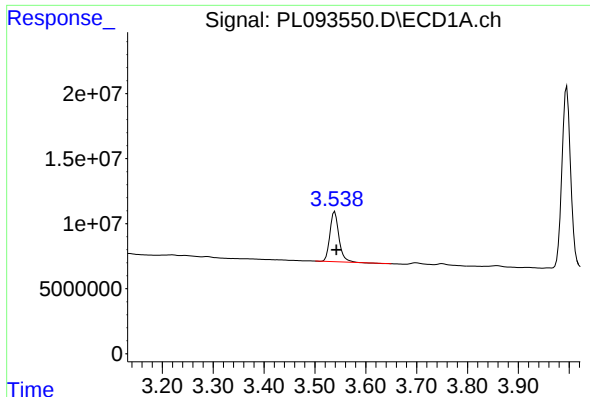
Manual Integrations
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Reviewed By : Abdul Mirza 12/30/2024
Supervised By : Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 01:01:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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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





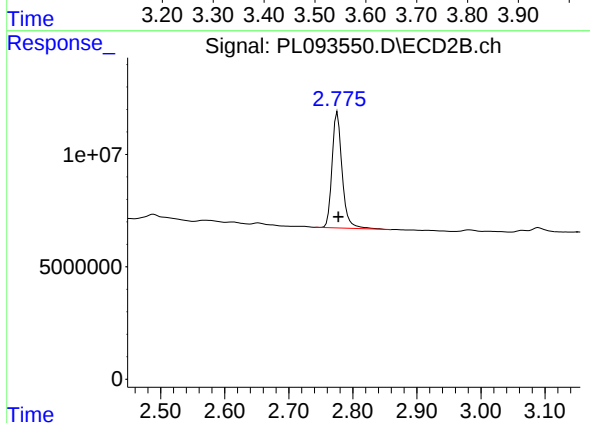
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 47228368
Conc: 19.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

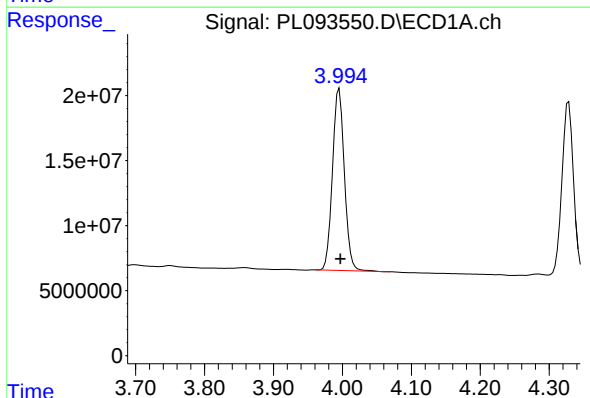
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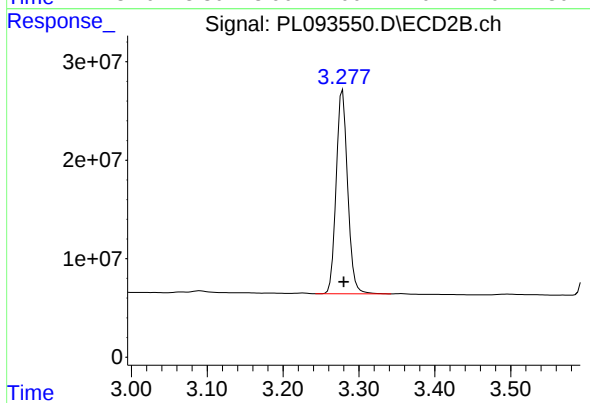
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 56265611
Conc: 19.33 ng/ml



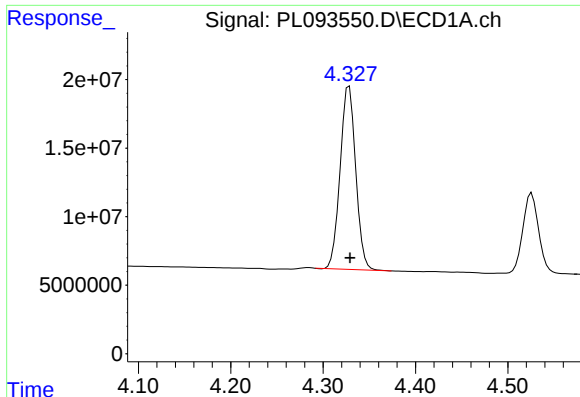
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 167209864
Conc: 48.43 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 217917894
Conc: 50.13 ng/ml



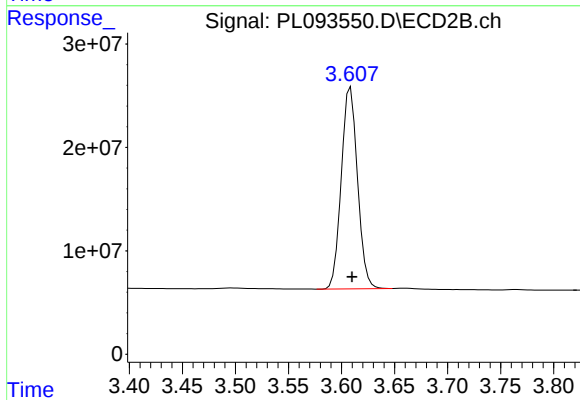
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 156502345
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

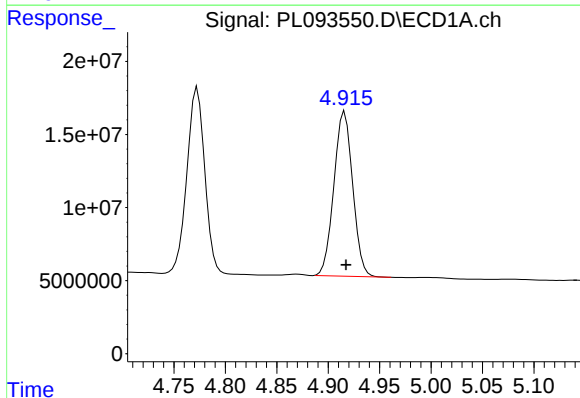
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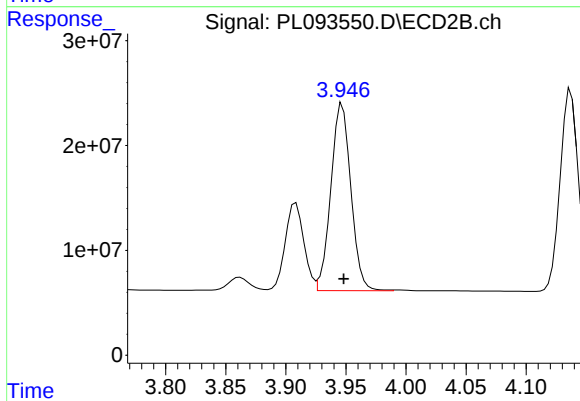
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.001 min
Response: 206749021
Conc: 49.00 ng/ml



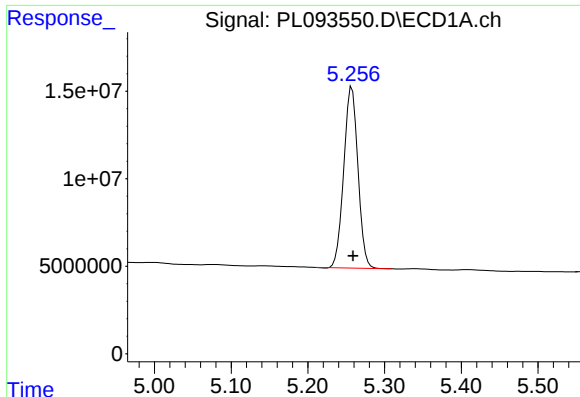
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 143085303
Conc: 48.86 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 207264230
Conc: 49.87 ng/ml



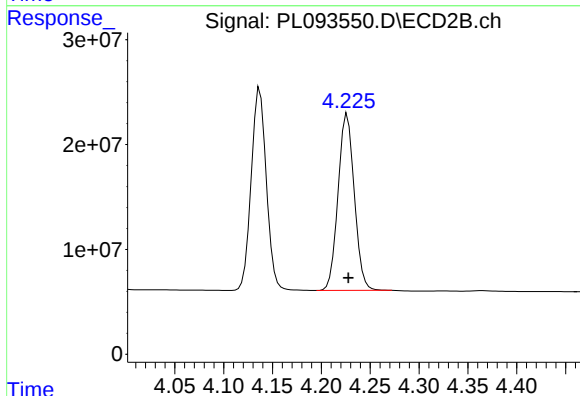
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.002 min
Response: 133263653
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

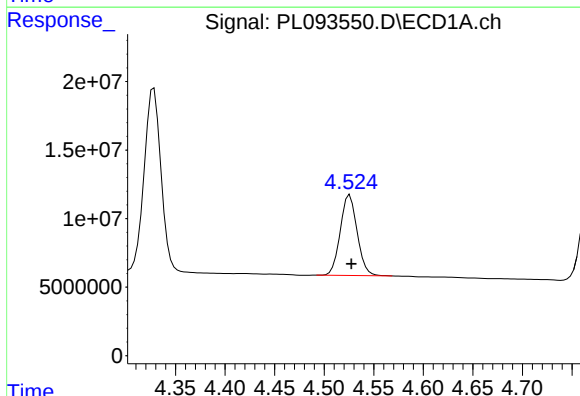
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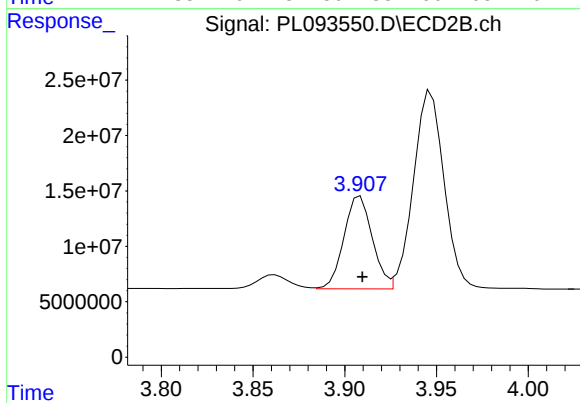
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.001 min
Response: 195065349
Conc: 47.55 ng/ml



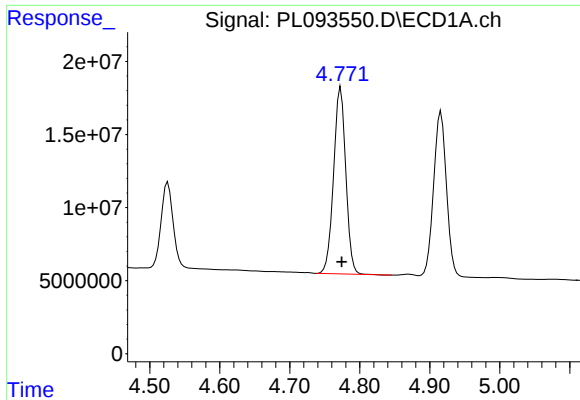
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 69755763
Conc: 48.39 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.001 min
Response: 90072586
Conc: 50.11 ng/ml



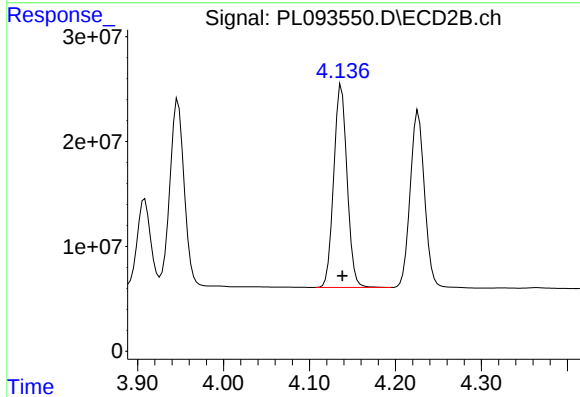
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 154371607
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

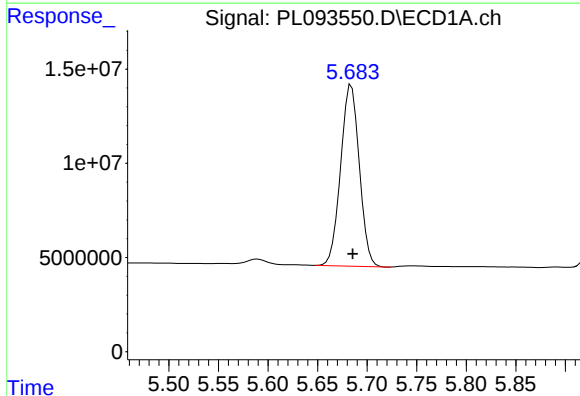
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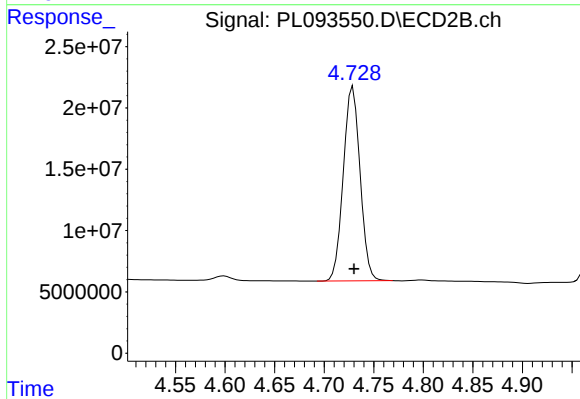
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.001 min
Response: 208396323
Conc: 49.28 ng/ml



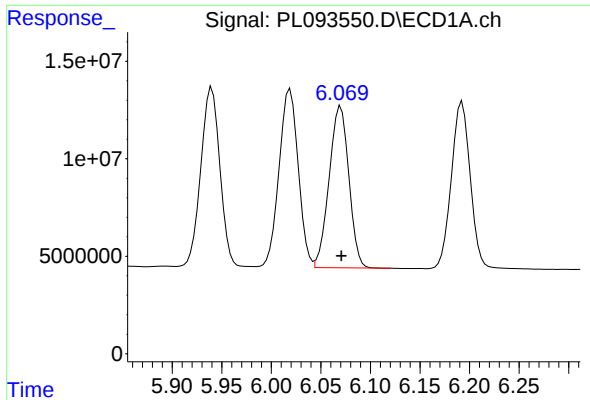
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.001 min
Response: 126082542
Conc: 47.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.001 min
Response: 186574487
Conc: 48.73 ng/ml



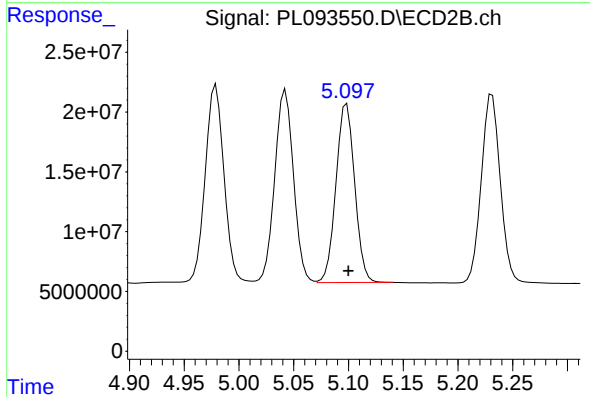
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 114667835
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

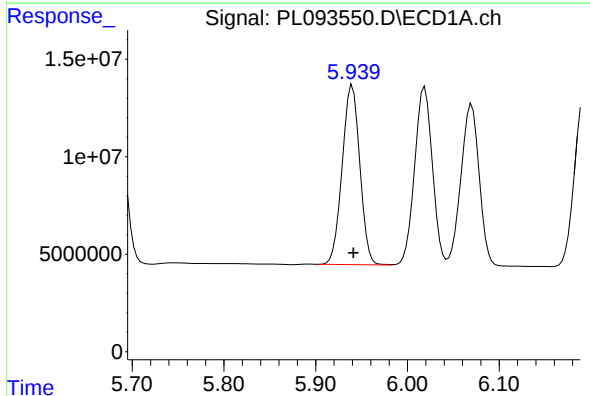
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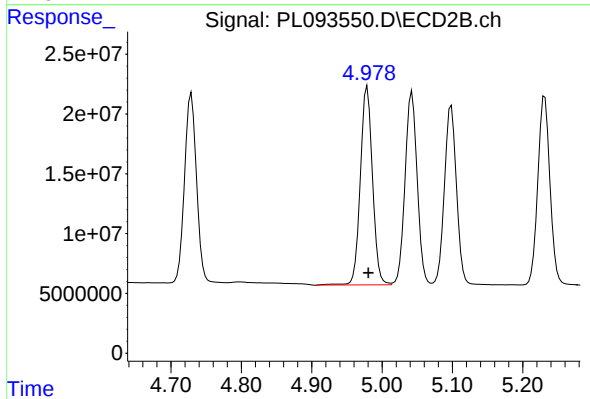
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 177735881
Conc: 50.87 ng/ml



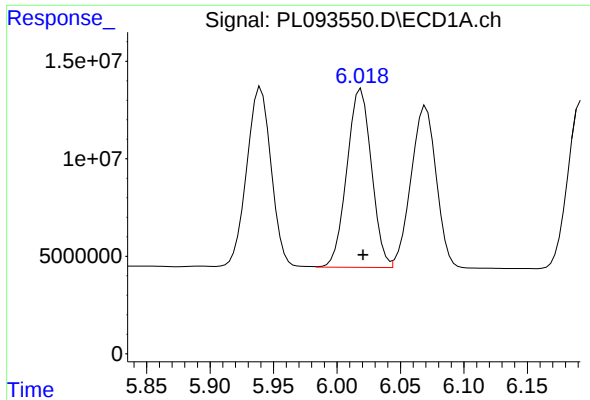
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 122952213
Conc: 48.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 199721259
Conc: 51.84 ng/ml



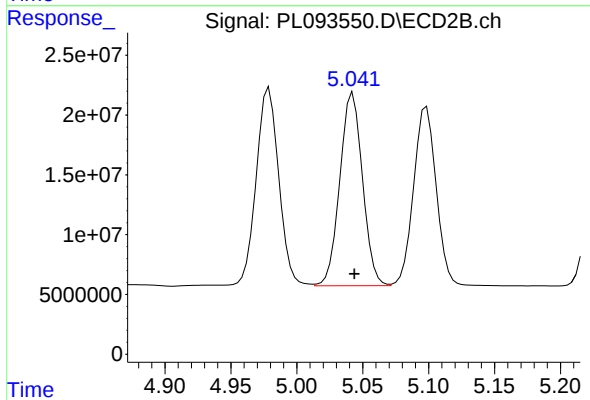
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 123309554
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
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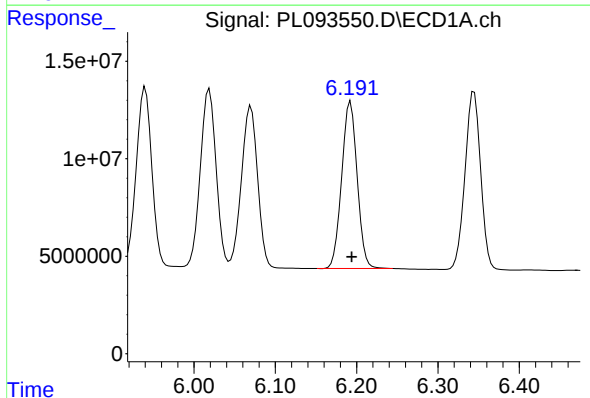
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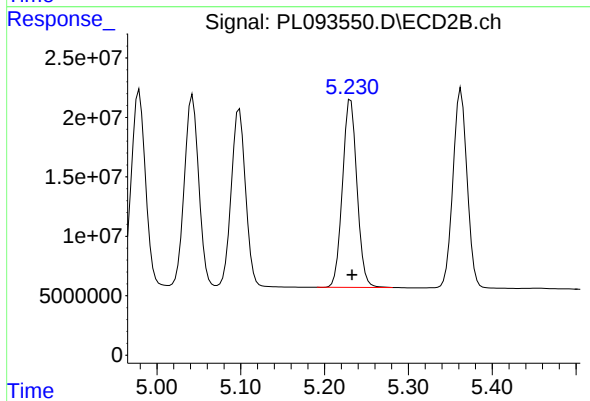
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 192951933
Conc: 50.68 ng/ml



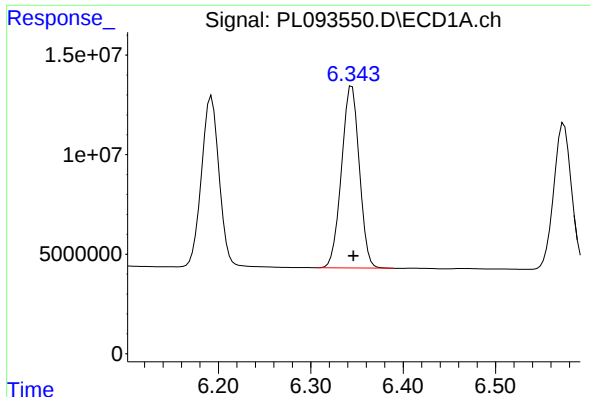
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 113087824
Conc: 50.40 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 190331975
Conc: 51.76 ng/ml



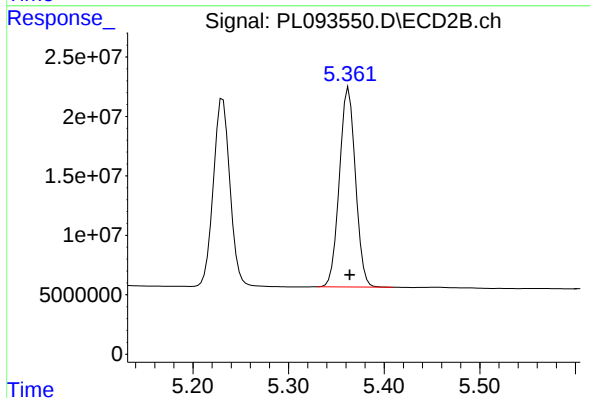
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 122475383
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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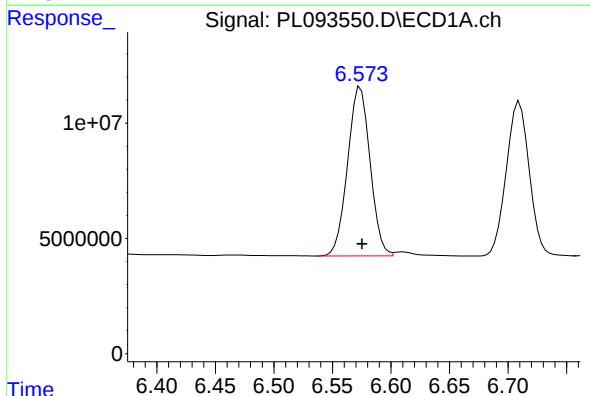
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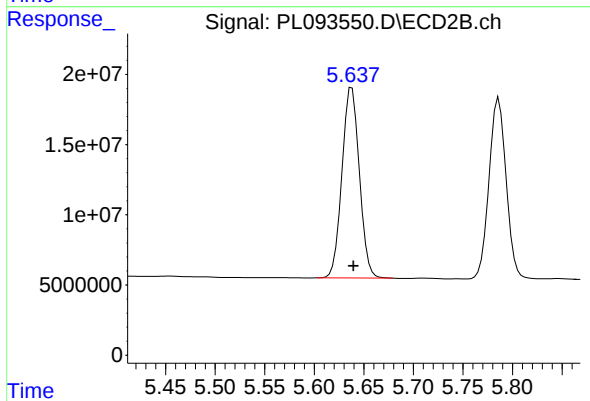
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.001 min
Response: 195775871
Conc: 50.80 ng/ml



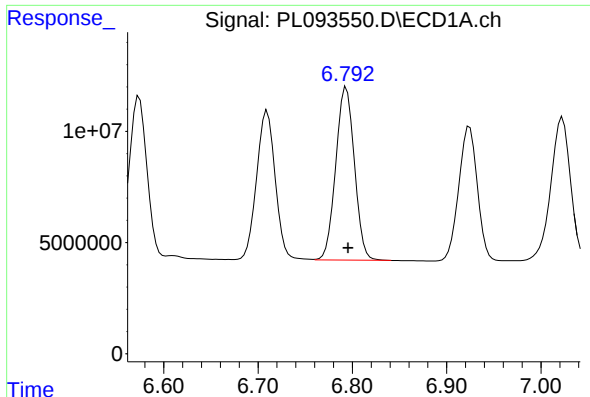
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 97854740
Conc: 45.46 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 165697290
Conc: 50.08 ng/ml



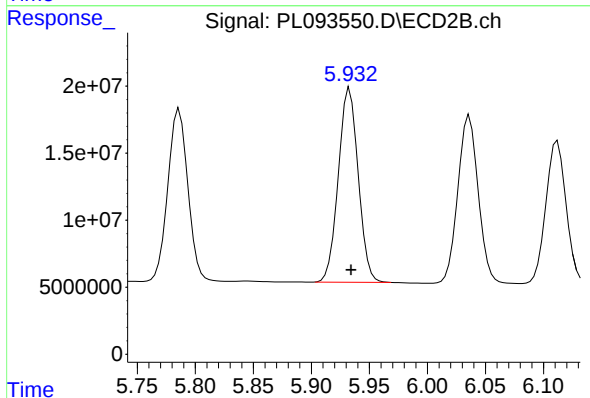
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 107021435
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

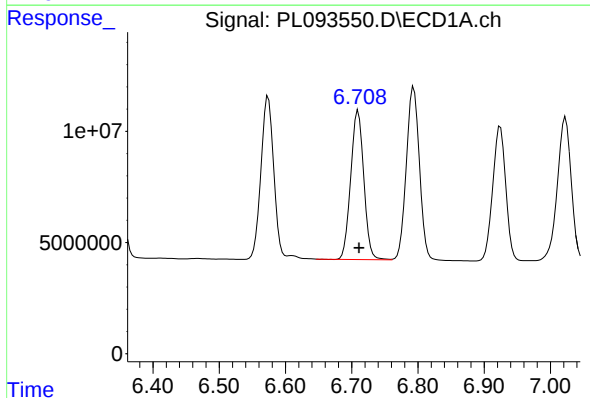
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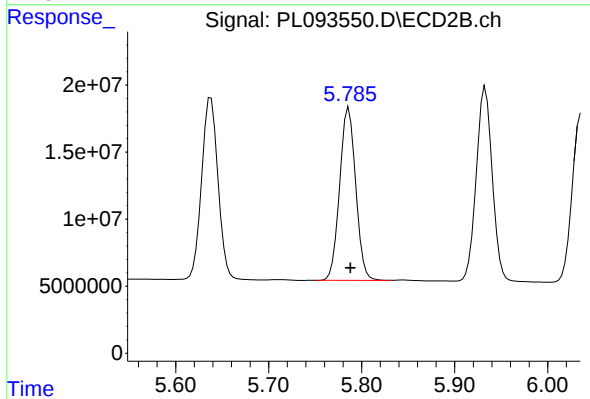
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 172888749
Conc: 53.21 ng/ml



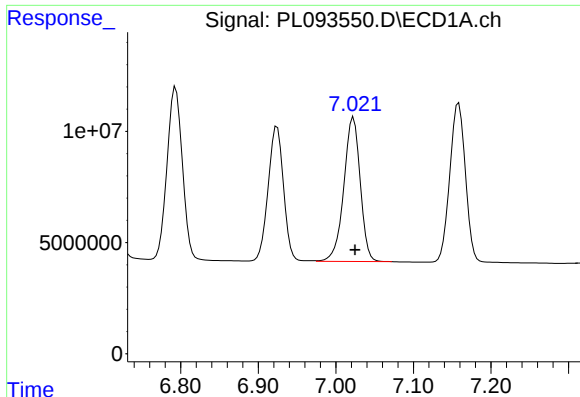
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 91989122
Conc: 52.39 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 154621090
Conc: 54.63 ng/ml



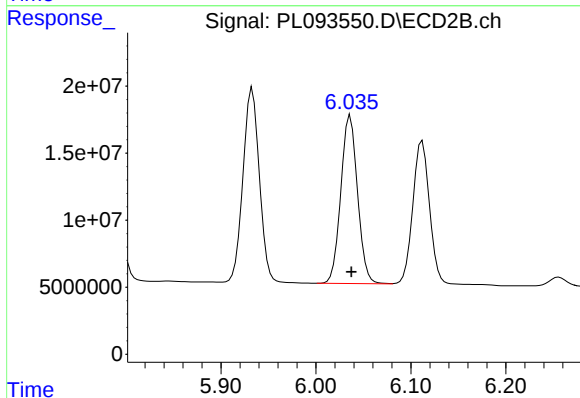
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 95224216
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

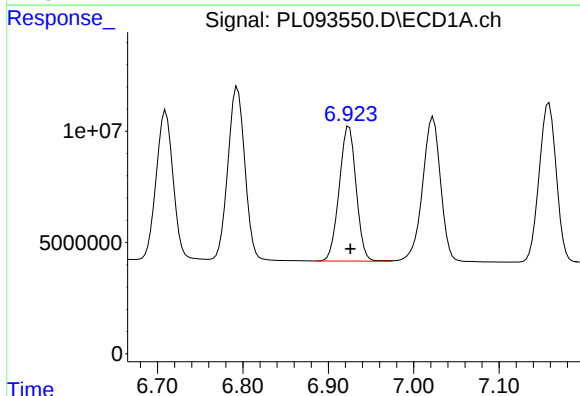
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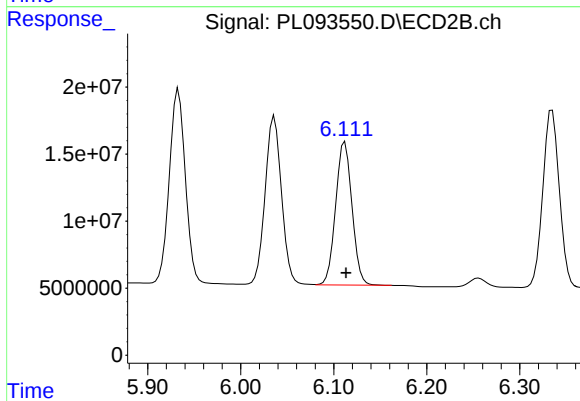
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.001 min
Response: 153590777
Conc: 50.85 ng/ml



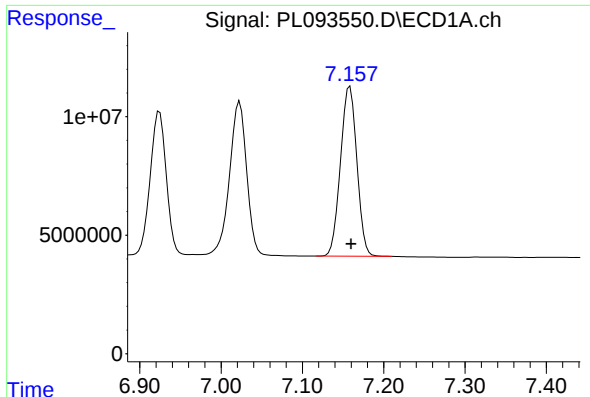
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 83471063
Conc: 47.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 130491132
Conc: 48.45 ng/ml



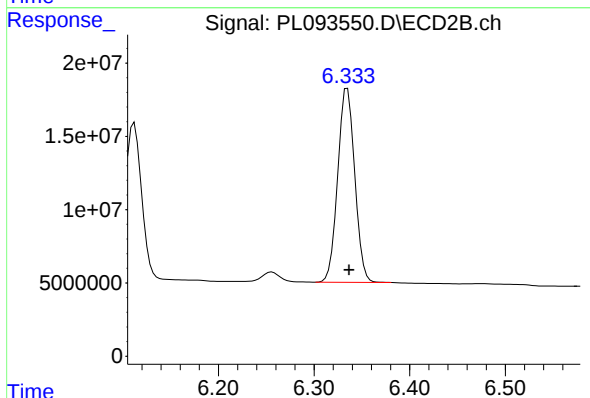
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.001 min
Response: 100125214
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
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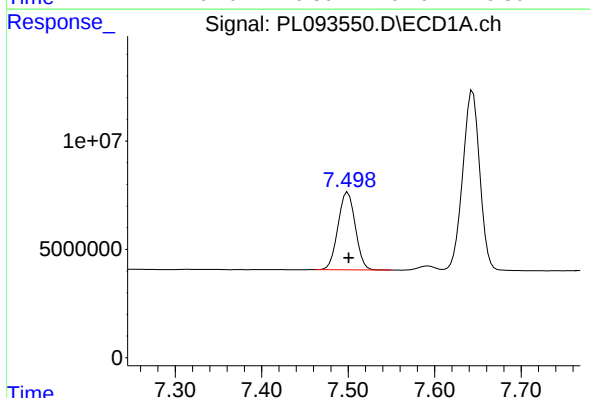
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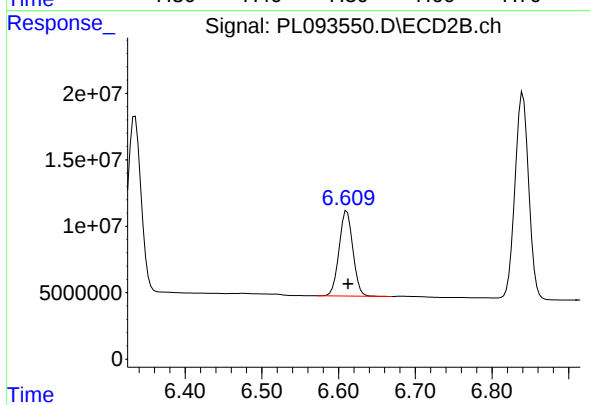
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 163873231
Conc: 51.95 ng/ml



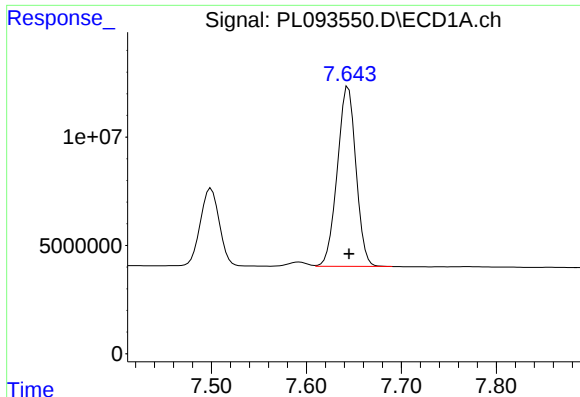
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 49421054
Conc: 49.44 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 79931140
Conc: 49.66 ng/ml



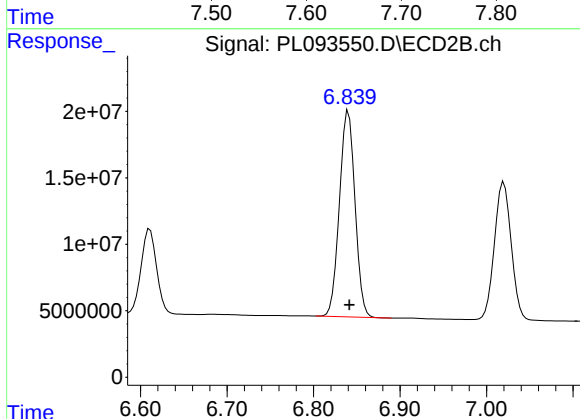
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 113433780
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

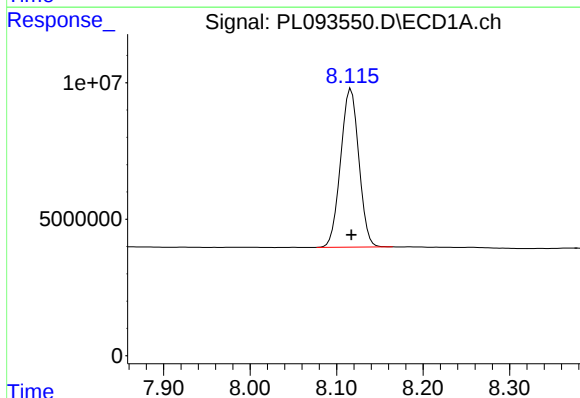
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



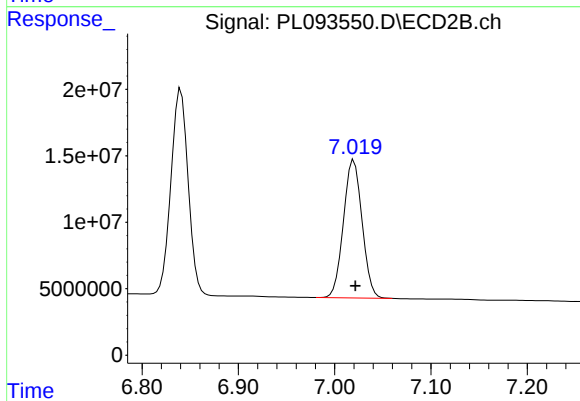
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 192628479
Conc: 52.91 ng/ml



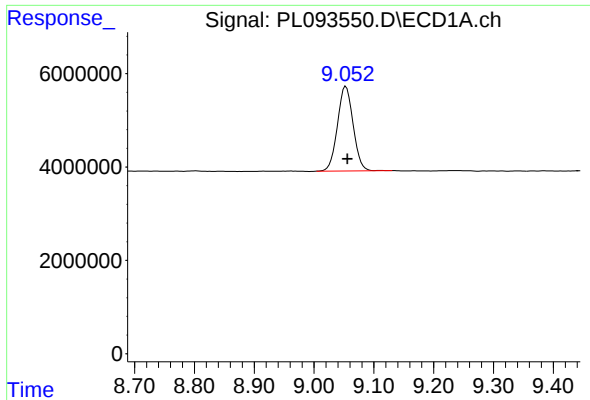
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 84423088
Conc: 45.18 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 139007969
Conc: 45.48 ng/ml



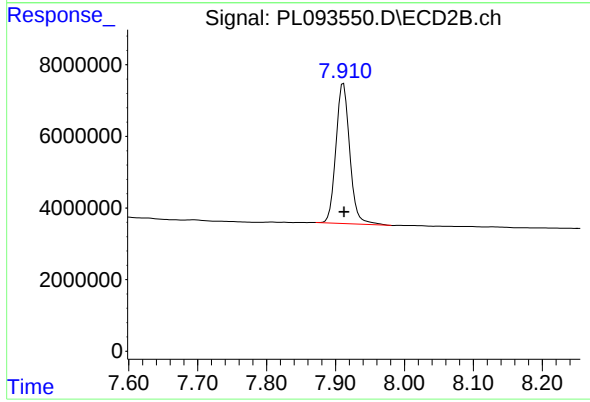
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 33069193
Conc: 17.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SOIL-20241219MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 54555546
Conc: 18.27 ng/ml