

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
 Data File : PL094122.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 16:34
 Operator : AR\AJ
 Sample : Q1343-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-9MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:10:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.773	58973635	71190689	21.901m	21.810
28) SA Decachlor...	9.053	7.908	44351372	74340359	21.201	21.215
Target Compounds						
2) A alpha-BHC	3.994	3.276	177.3E6	234.7E6	46.236	48.014
3) MA gamma-BHC...	4.327	3.606	168.3E6	222.2E6	45.687	46.869
4) MA Heptachlor	4.915	3.944	161.1E6	228.5E6	49.153	49.087
5) MB Aldrin	5.257	4.223	151.6E6	212.9E6	46.339	46.667
6) B beta-BHC	4.526	3.906	76206196	97325685	47.412	48.725
7) B delta-BHC	4.772	4.134	164.5E6	222.2E6	46.940	46.766
8) B Heptachlo...	5.683	4.726	134.9E6	201.1E6	45.356	48.107
9) A Endosulfan I	6.069	5.095	124.1E6	177.9E6	46.965	45.882
10) B gamma-Chl...	5.939	4.976	134.2E6	211.9E6	48.150	50.011
11) B alpha-Chl...	6.018	5.039	132.8E6	205.1E6	47.631	48.996
12) B 4,4'-DDE	6.191	5.228	115.5E6	204.5E6	47.422	51.000
13) MA Dieldrin	6.343	5.358	128.7E6	212.1E6	46.352	49.373m
14) MA Endrin	6.573	5.635	112.1E6	191.3E6	47.806	51.802
15) B Endosulfa...	6.794	5.930	111.9E6	187.4E6	46.444	50.601
16) A 4,4'-DDD	6.710	5.783	99626705	162.3E6	52.420	51.418
17) MA 4,4'-DDT	7.022	6.033	101.2E6	175.1E6	51.342	53.811
18) B Endrin al...	6.923	6.109	87321142	142.9E6	44.917	46.951
19) B Endosulfa...	7.158	6.332	106.3E6	177.6E6	46.944	49.792
20) A Methoxychlor	7.500	6.607	53965064	92319699	51.721	51.629m
21) B Endrin ke...	7.643	6.837	115.4E6	198.0E6	45.737	47.205
22) Mirex	8.115	7.017	88078798	154.9E6	42.295	45.813

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
Data File : PL094122.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 16:34
Operator : AR\AJ
Sample : Q1343-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

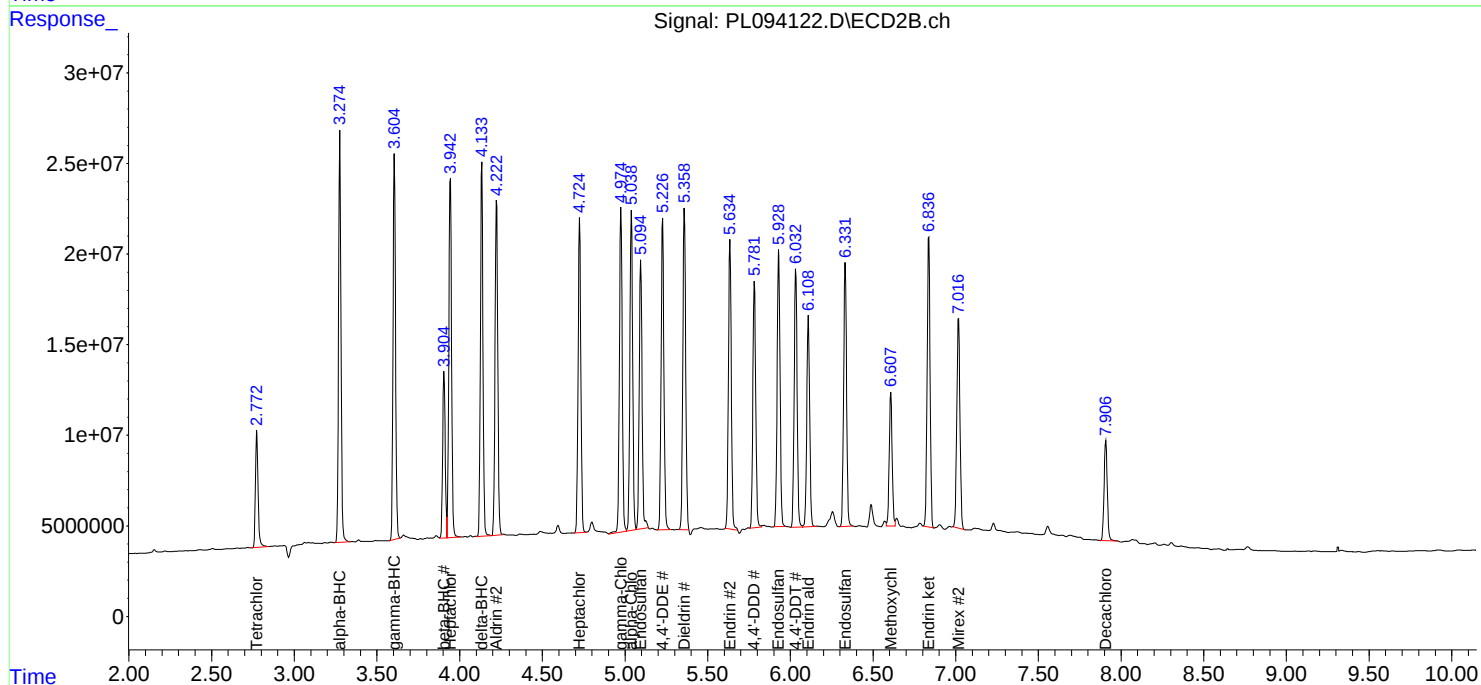
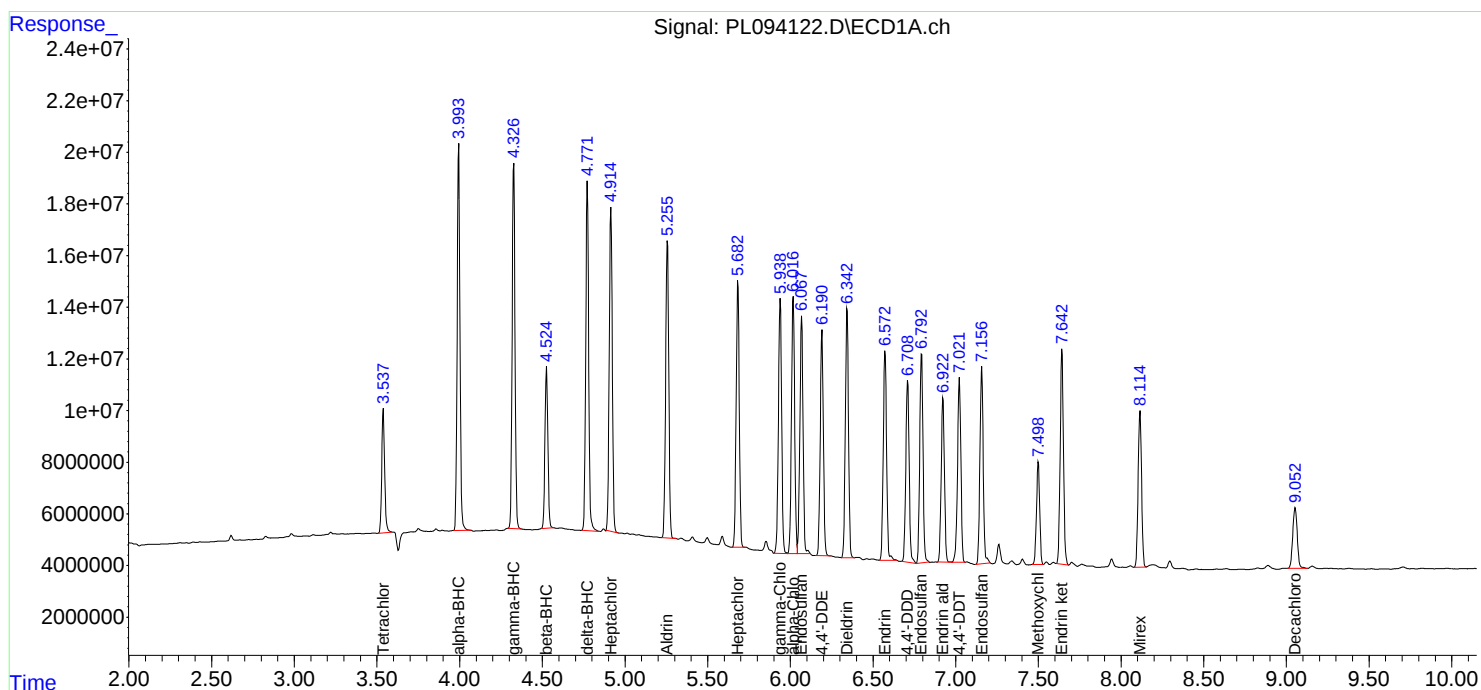
Instrument :
ECD_L
ClientSampleId :
WC-9MS

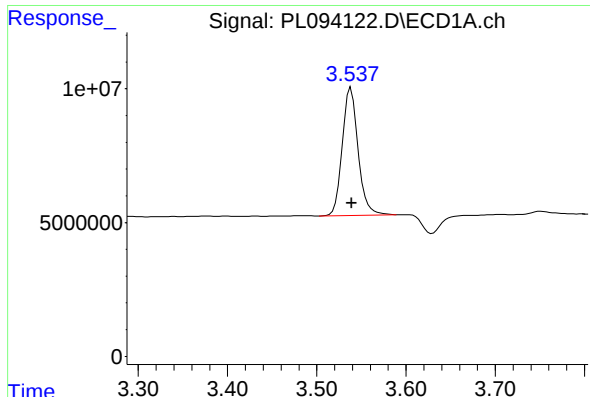
Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:10:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





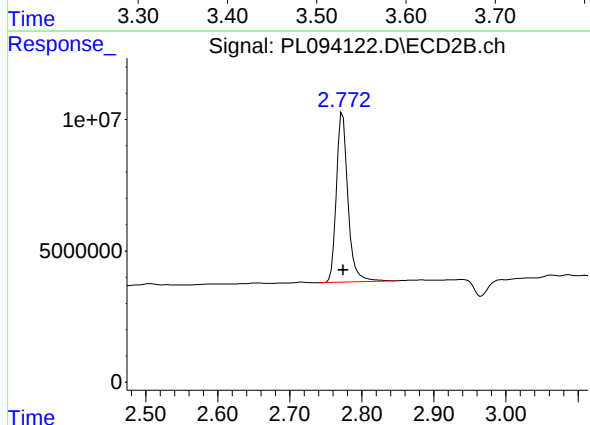
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 58973635
Conc: 21.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

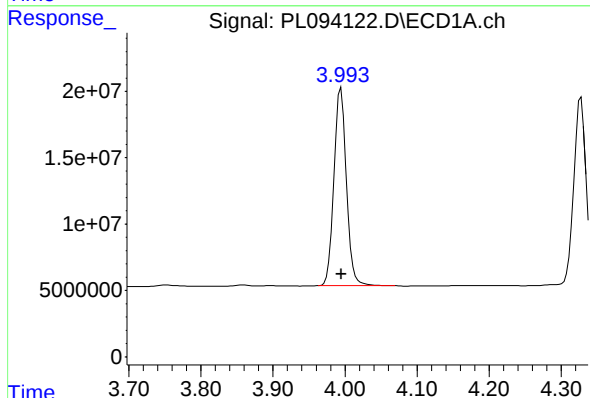
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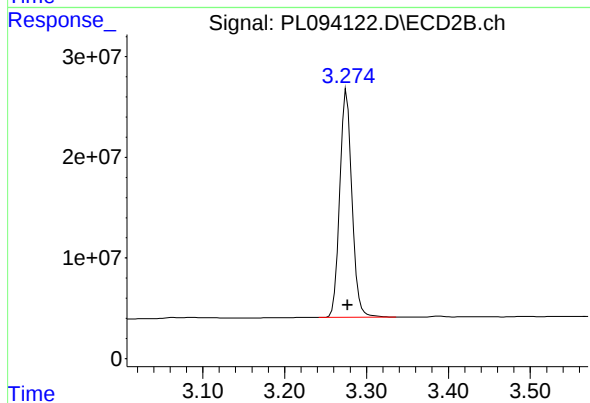
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 71190689
Conc: 21.81 ng/ml



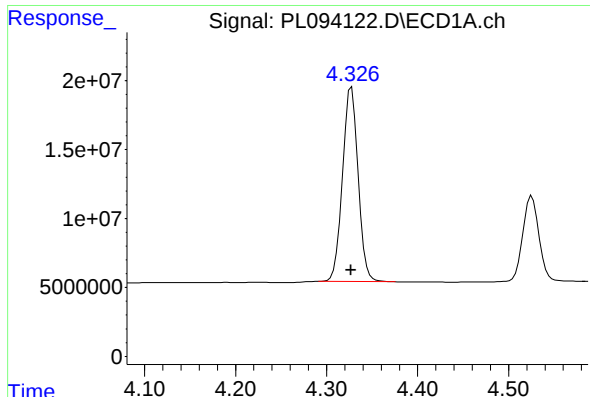
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 177261813
Conc: 46.24 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 234741108
Conc: 48.01 ng/ml



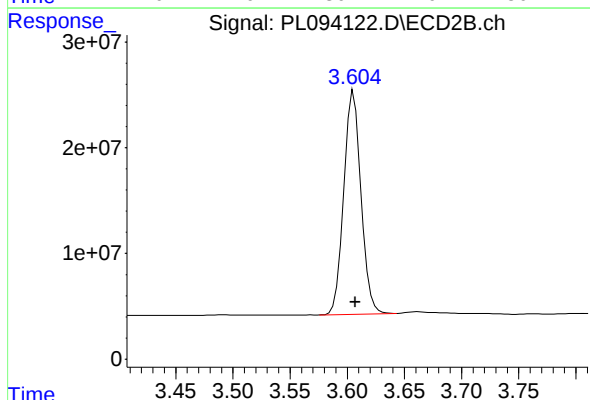
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 168259485
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

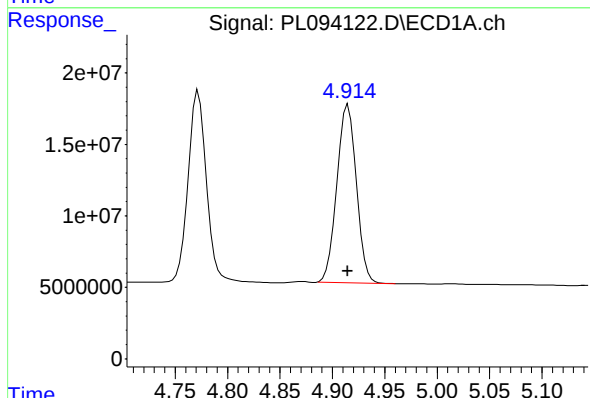
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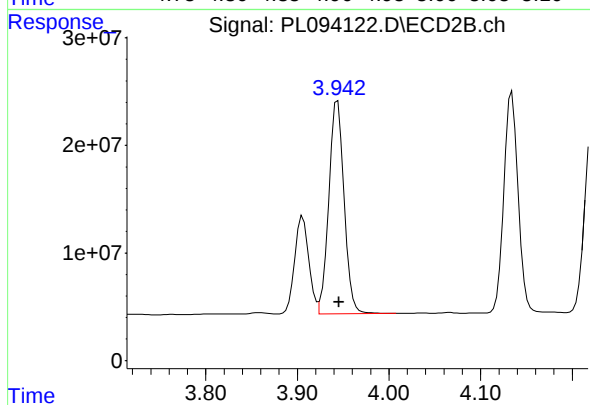
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 222213713
Conc: 46.87 ng/ml



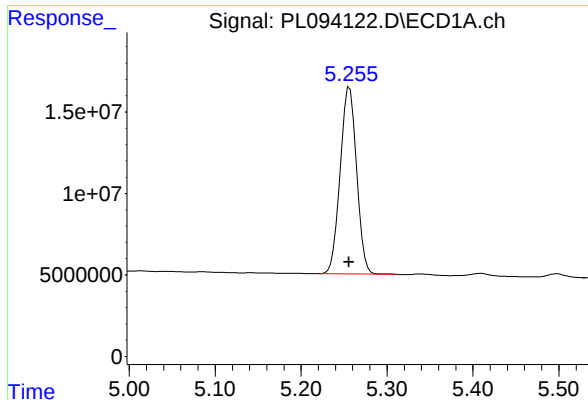
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 161091174
Conc: 49.15 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 228490198
Conc: 49.09 ng/ml



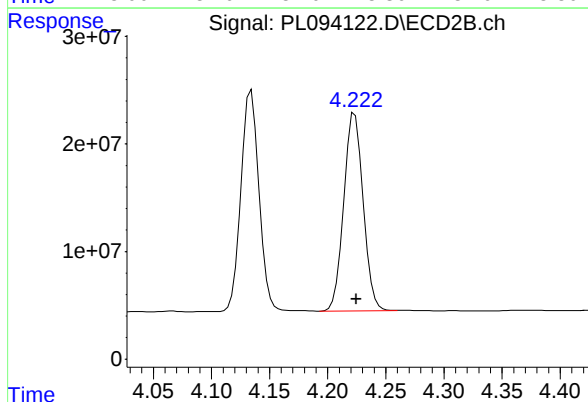
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 151619667
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

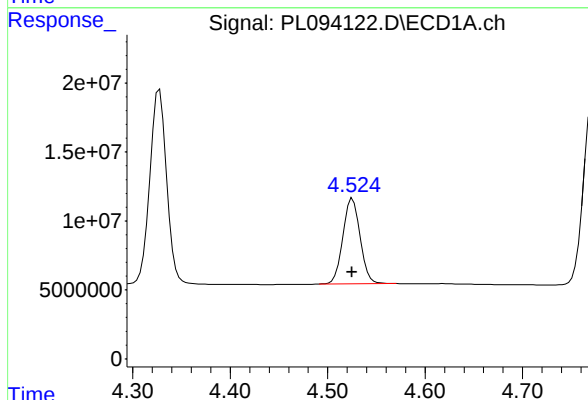
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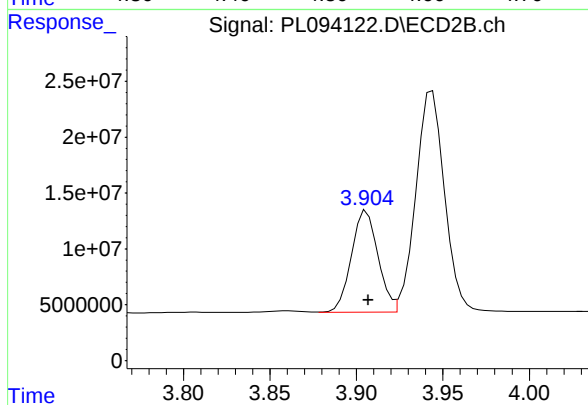
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 212886766
Conc: 46.67 ng/ml



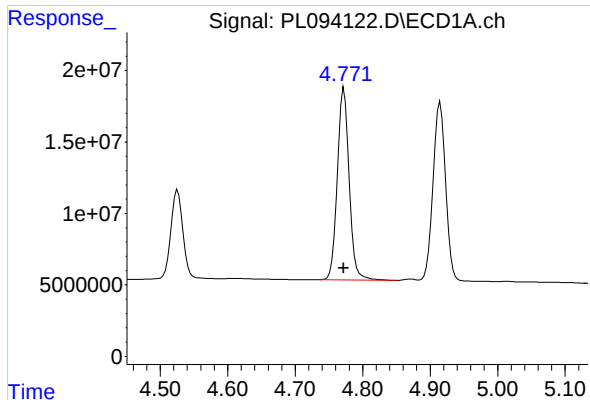
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 76206196
Conc: 47.41 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 97325685
Conc: 48.73 ng/ml



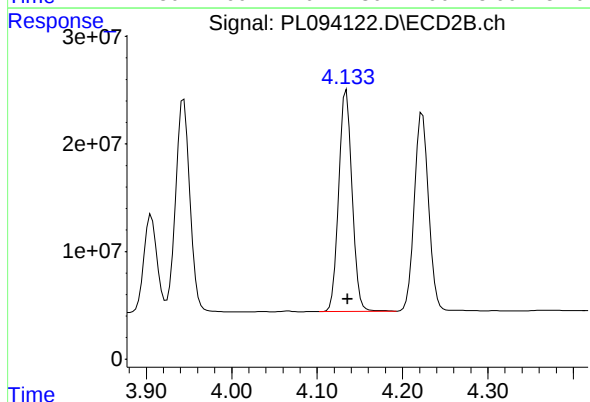
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 164539328
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

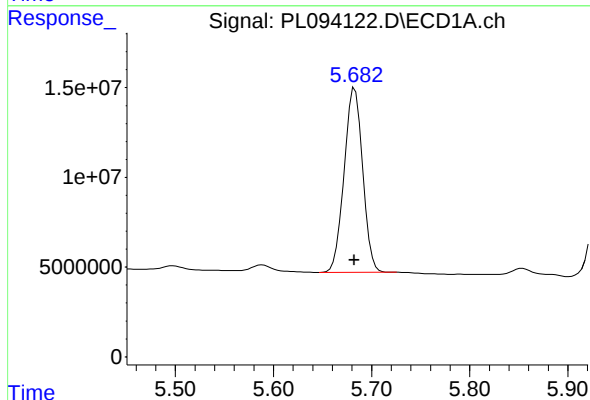
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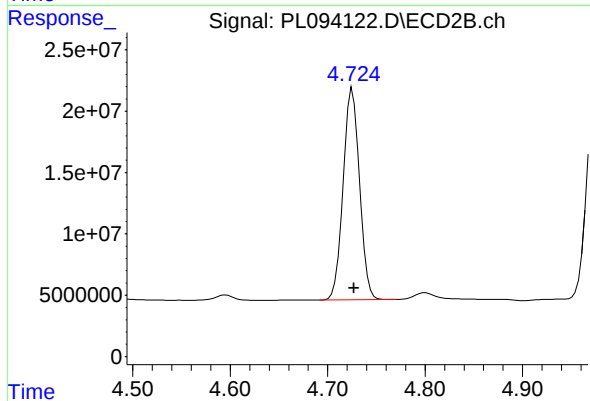
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 222195069
Conc: 46.77 ng/ml



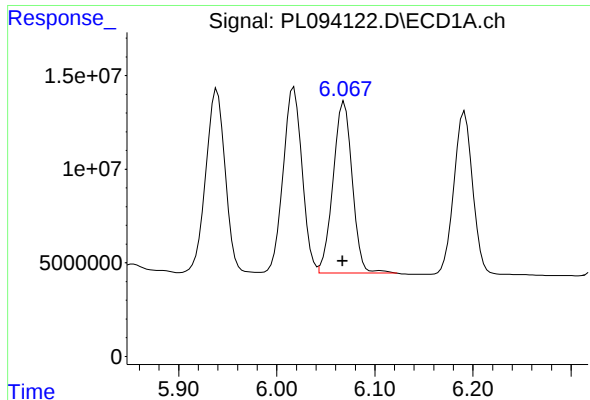
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 134879643
Conc: 45.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 201099186
Conc: 48.11 ng/ml



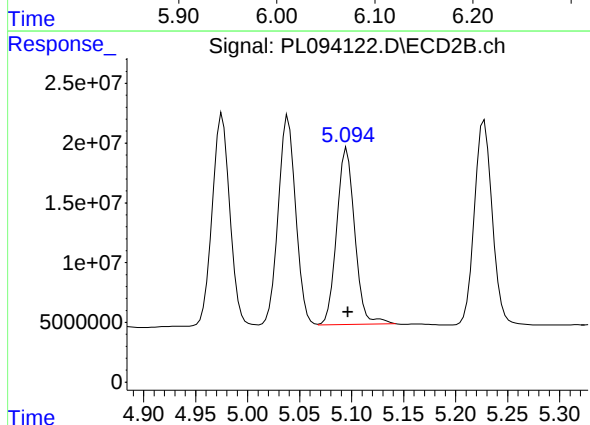
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 124121842
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

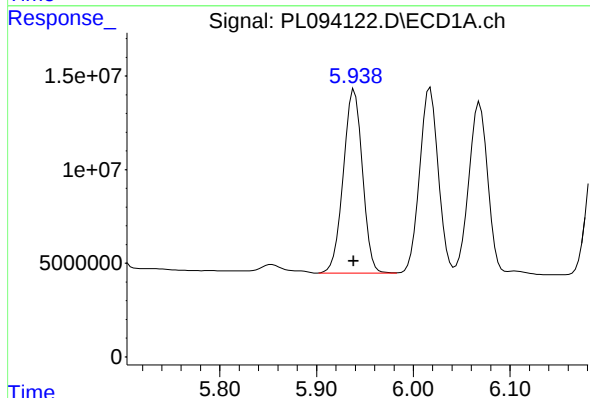
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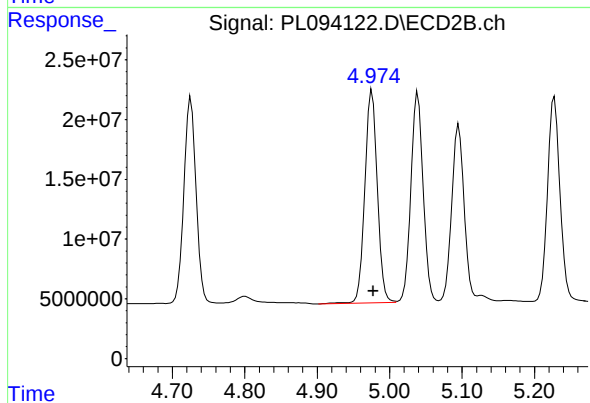
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 177879923
Conc: 45.88 ng/ml



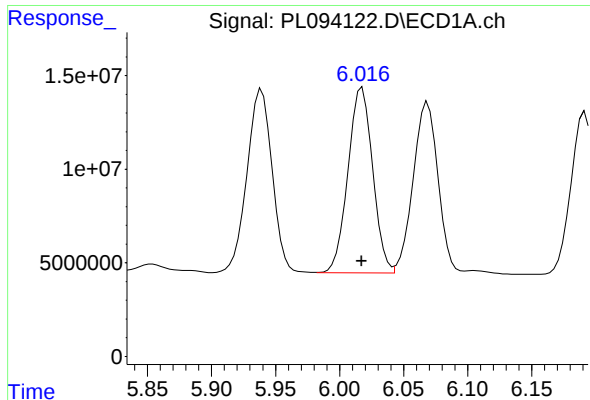
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 134213212
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 211925921
Conc: 50.01 ng/ml



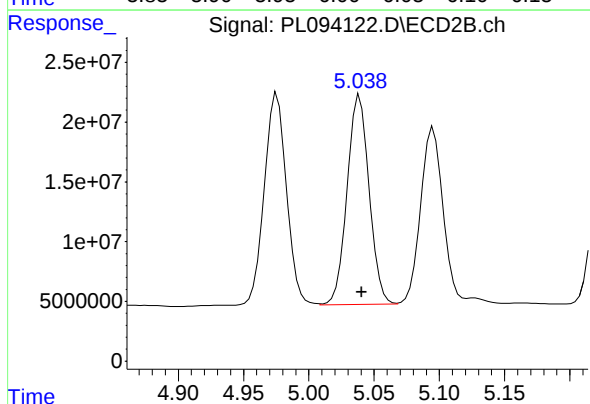
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 132814143
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

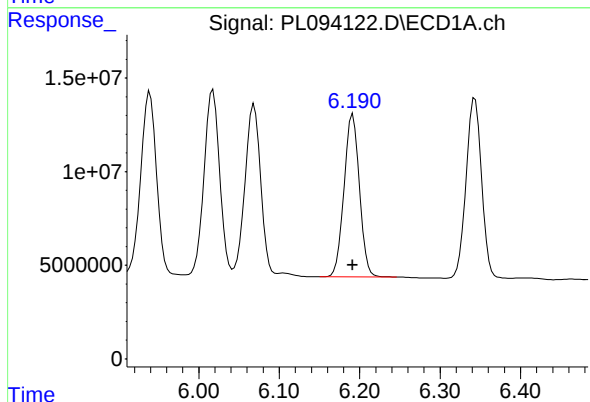
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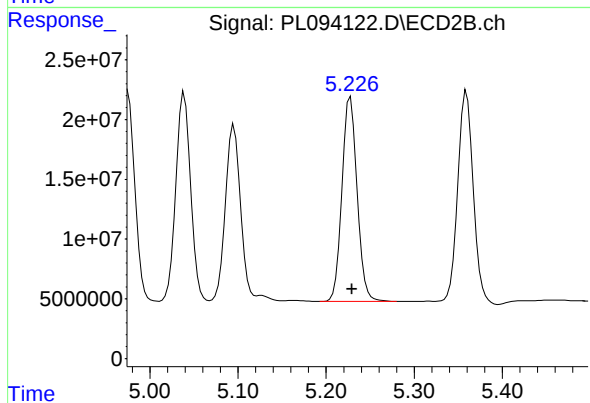
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 205122965
Conc: 49.00 ng/ml



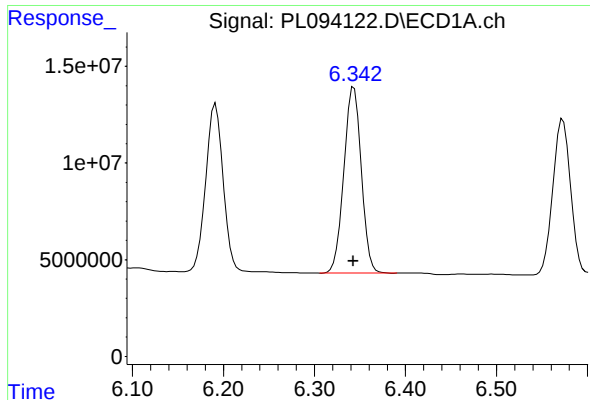
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 115454154
Conc: 47.42 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 204483982
Conc: 51.00 ng/ml



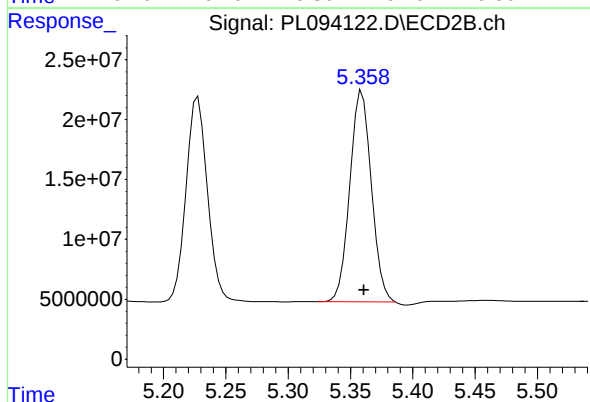
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 128667137
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

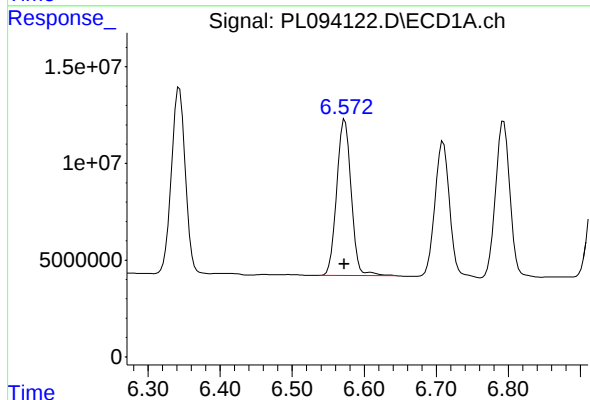
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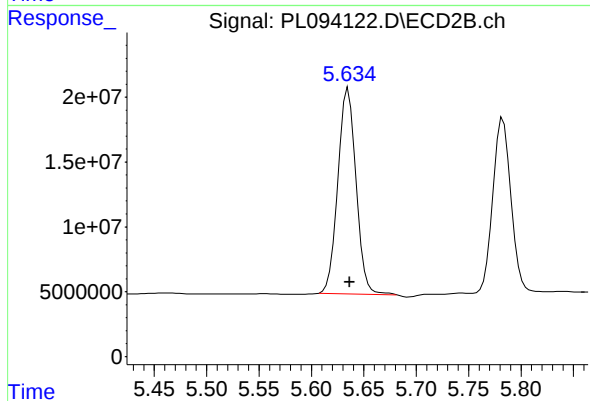
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 212087294
Conc: 49.37 ng/ml



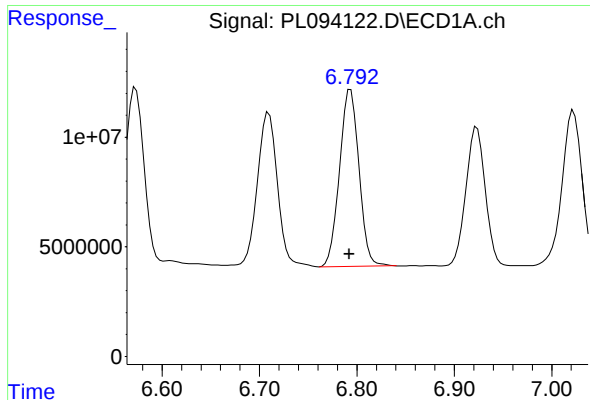
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 112096960
Conc: 47.81 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 191289023
Conc: 51.80 ng/ml



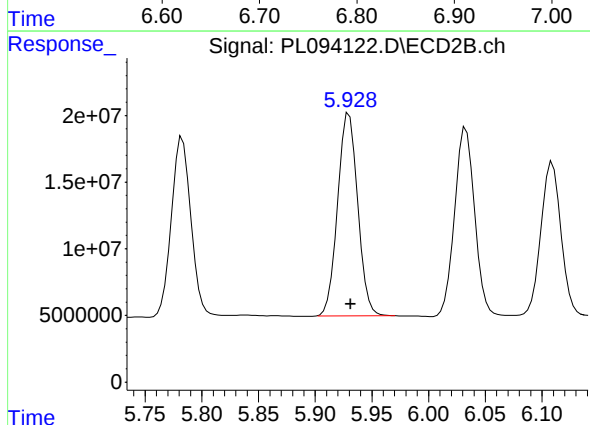
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.001 min
Response: 111901154
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

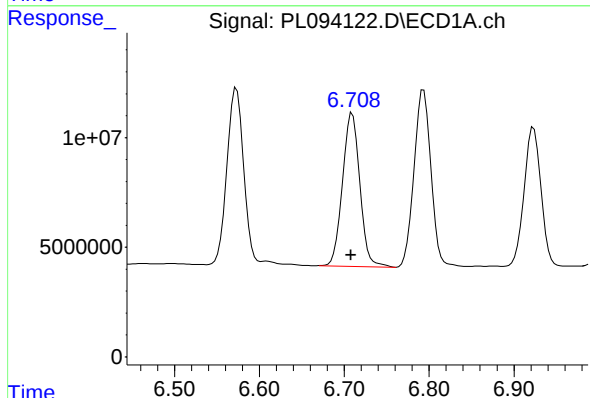
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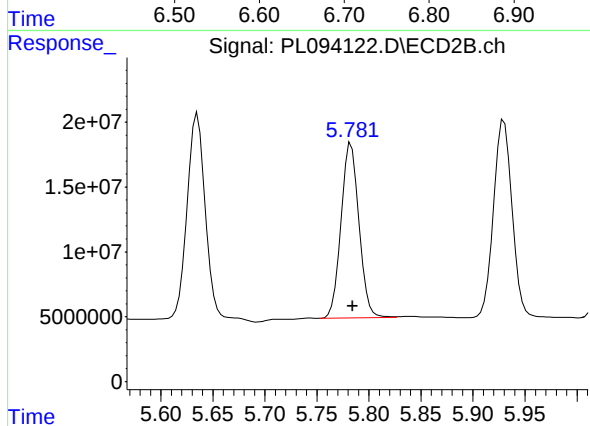
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 187419025
Conc: 50.60 ng/ml



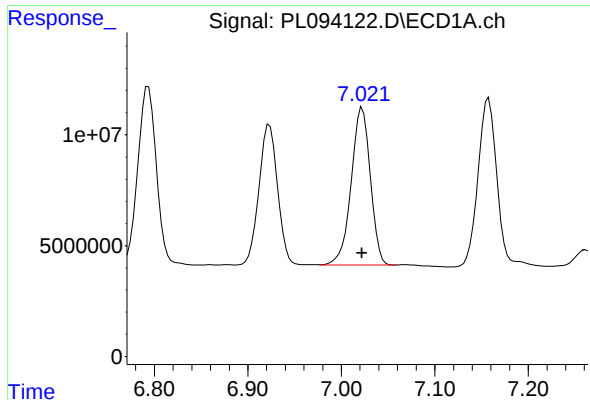
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 99626705
Conc: 52.42 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 162301510
Conc: 51.42 ng/ml



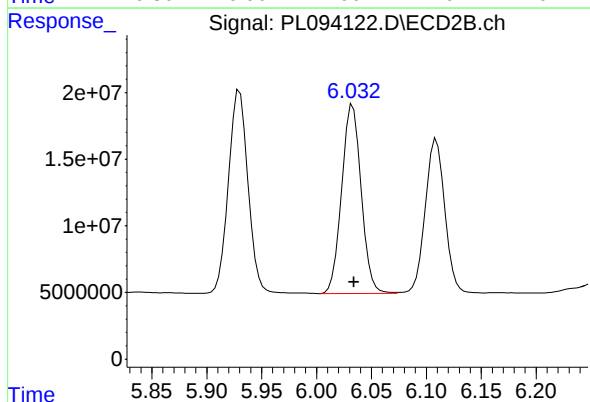
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 101248956
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

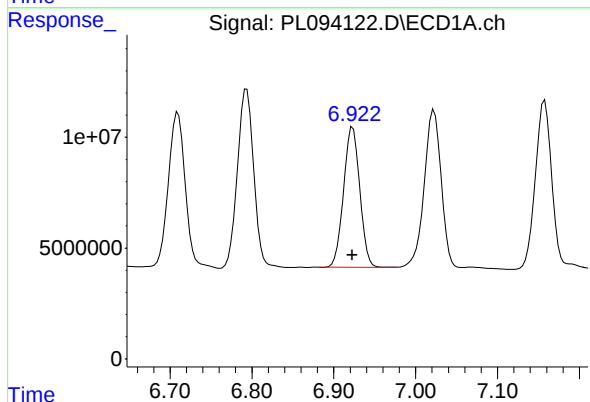
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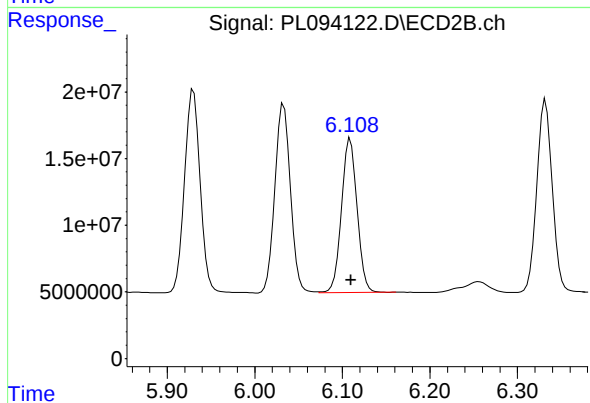
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 175103081
Conc: 53.81 ng/ml



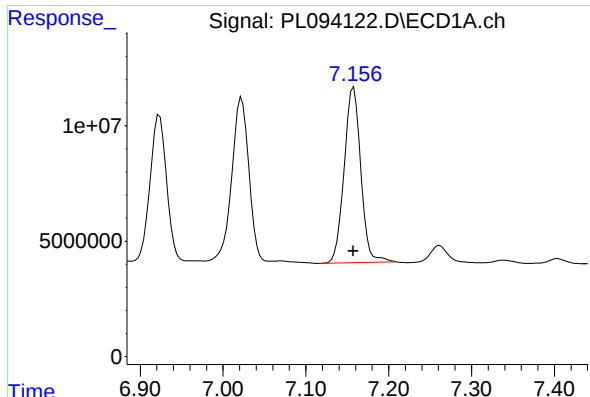
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 87321142
Conc: 44.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 142949367
Conc: 46.95 ng/ml



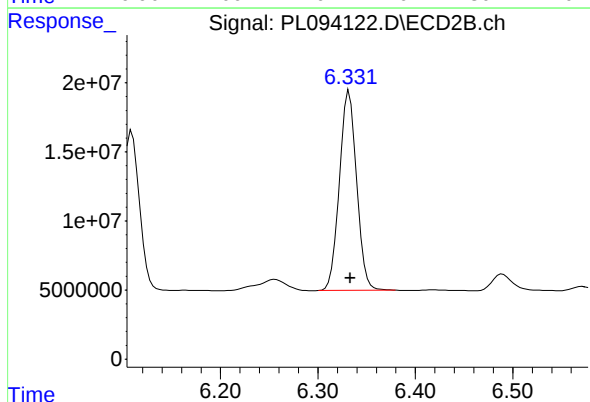
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 106269546
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

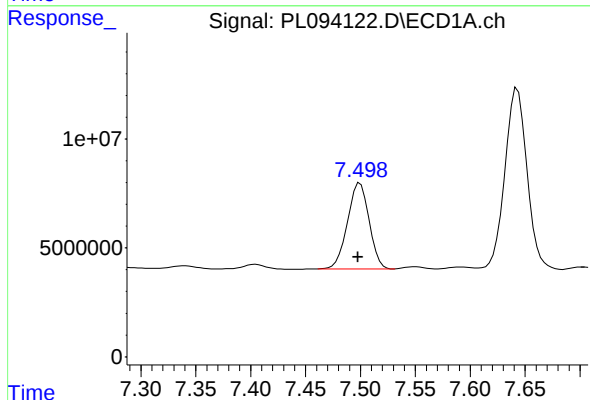
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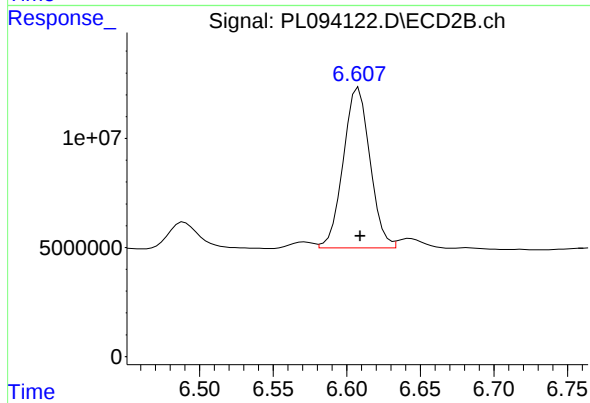
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 177561401
Conc: 49.79 ng/ml



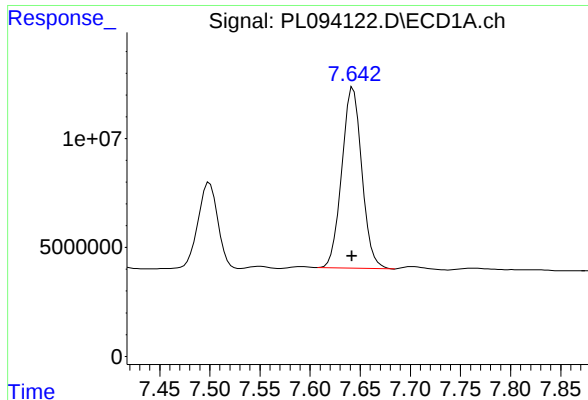
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 53965064
Conc: 51.72 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.003 min
Response: 92319699
Conc: 51.63 ng/ml m



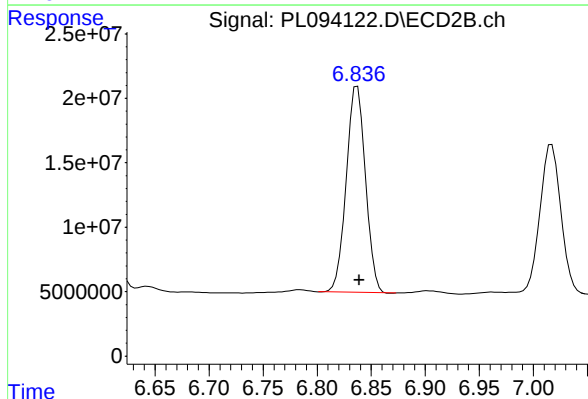
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 115376746
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

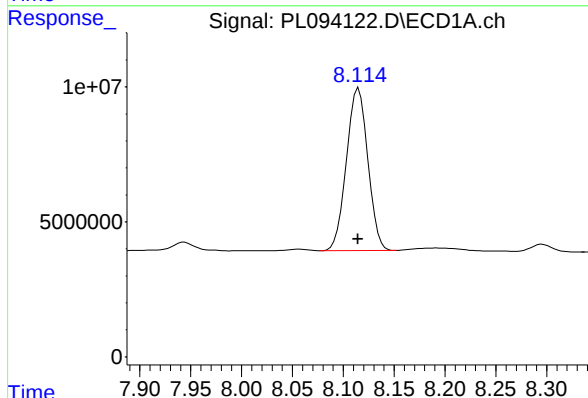
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



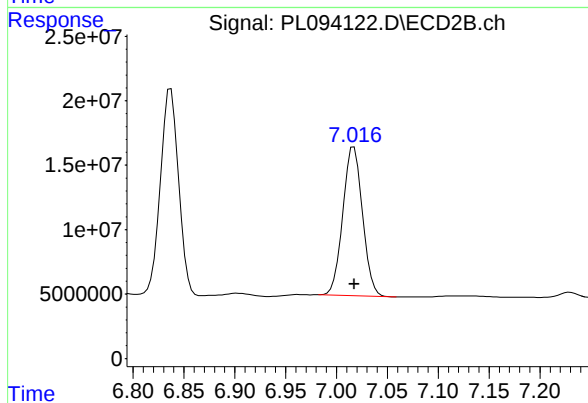
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 198037037
Conc: 47.21 ng/ml



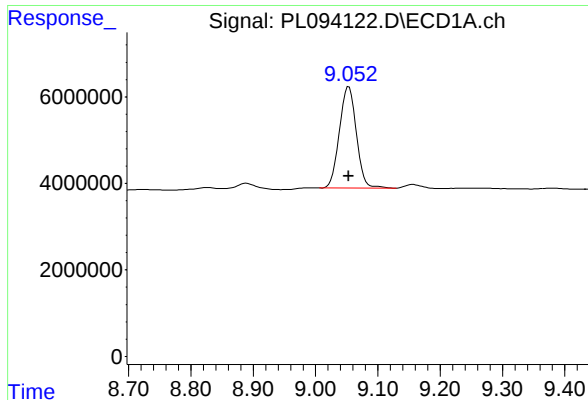
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 88078798
Conc: 42.29 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 154933459
Conc: 45.81 ng/ml



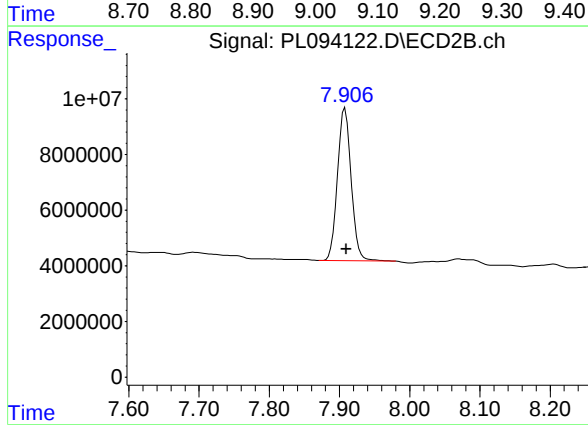
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 44351372
Conc: 21.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-9MS

Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 74340359
Conc: 21.22 ng/ml