

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
 Data File : PL094727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2025 15:53
 Operator : AR\AJ
 Sample : Q1592-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OILY-DEBRIS-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/20/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 01:41:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.771	9105128	9583615	3.217m	2.685
28) SA Decachlor...	9.049	7.903	5929632	6922091	2.814m	1.714m#
Target Compounds						
2) A alpha-BHC	3.992	3.272	20369639	22921091	4.906	4.251
3) MA gamma-BHC...	4.325	3.601	20647152	23519899	5.174	4.576m
4) MA Heptachlor	4.912	3.940	20935629	22876481	5.394	4.342
5) MB Aldrin	5.254	4.219	18739898	21239862	5.076	4.356
6) B beta-BHC	4.523	3.902	9801443	10392861	5.312m	4.679m
7) B delta-BHC	4.763	4.131	52770926	16485012	13.551m	3.296 #
8) B Heptachlo...	5.681	4.721	14871112	19676073	4.446	4.297m
9) A Endosulfan I	6.068	5.090	18190218	16655137	5.925	3.795m#
10) B gamma-Chl...	5.937	4.970	19302409	20277824	5.729	4.200m#
11) B alpha-Chl...	6.016	5.034	17640212	19476324	5.351	4.081m
12) B 4,4'-DDE	6.190	5.223	16396303	24652484	5.573	5.303m
13) MA Dieldrin	6.342	5.354	16341870	20095533	5.110	4.142m
14) MA Endrin	6.570	5.630	12831573	22444468	4.629m	5.144m
15) B Endosulfa...	6.790	5.925	13587968	14127516	5.005m	3.264m#
16) A 4,4'-DDD	6.708	5.778	9228202	14931257	4.260m	4.152m
17) MA 4,4'-DDT	7.021	6.029	13239833	17256671	5.566	4.280
18) B Endrin al...	6.922	6.105	9683662	10786377	4.587	3.205 #
19) B Endosulfa...	7.155	6.328	12849419	16463641	5.283m	4.042
20) A Methoxychlor	7.497	6.603	5967580	7697752	4.985m	3.629m#
21) B Endrin ke...	7.642	6.837	17553182	33868870	6.641m	7.097
22) Mirex	8.114	7.013	9121139	15671313	4.414	4.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
Data File : PL094727.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2025 15:53
Operator : AR\AJ
Sample : Q1592-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

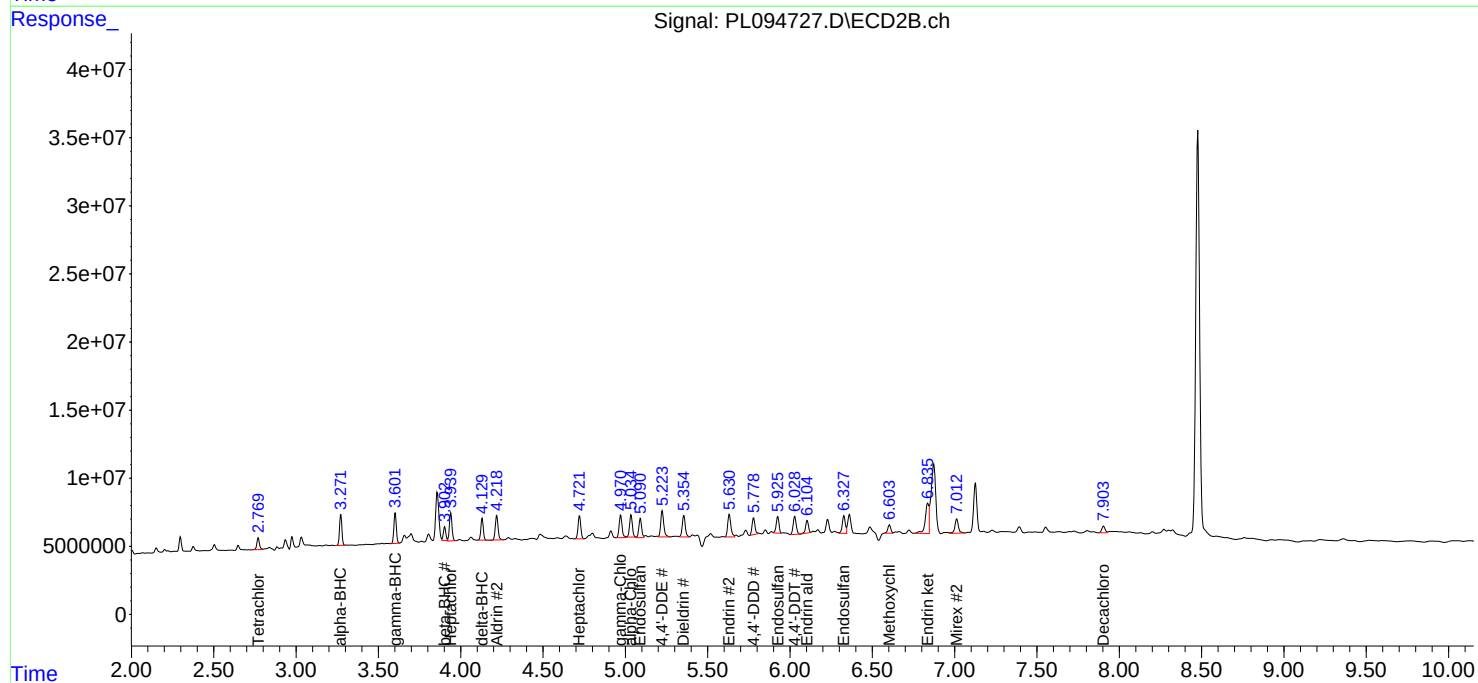
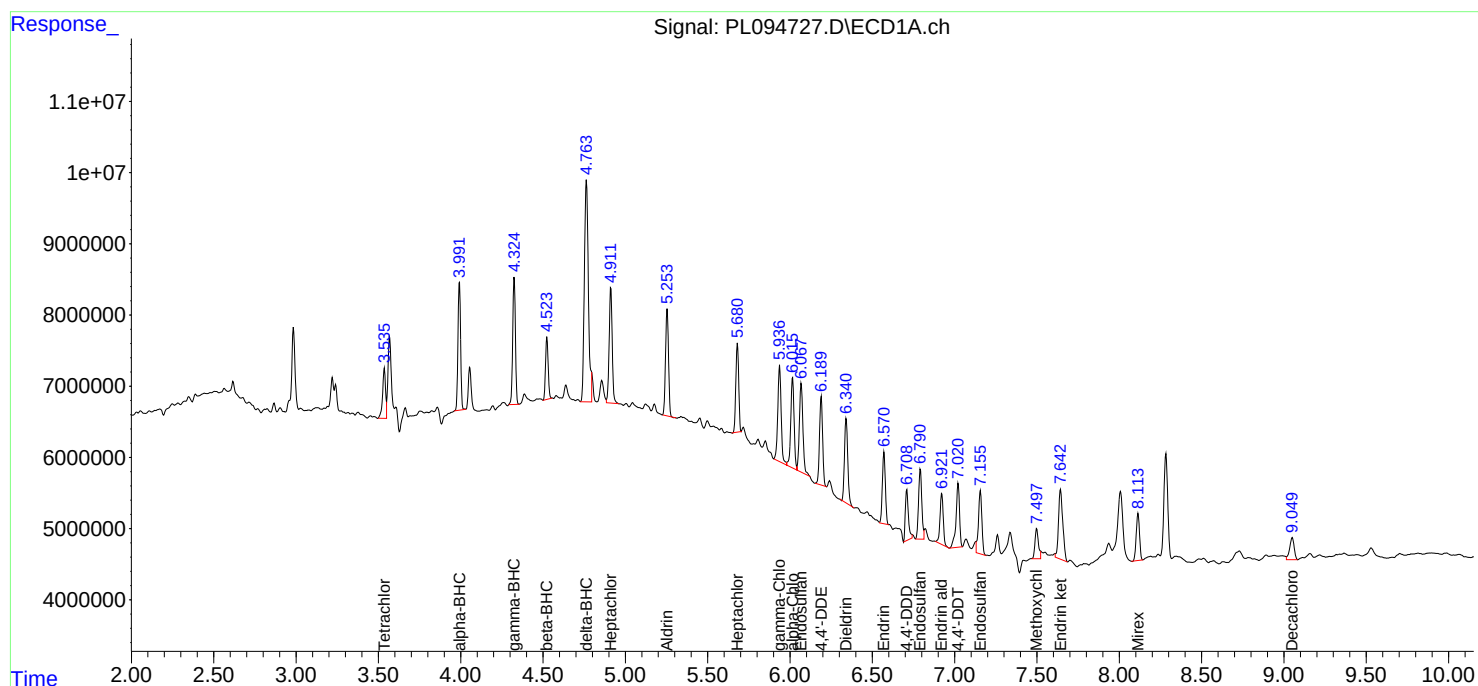
Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

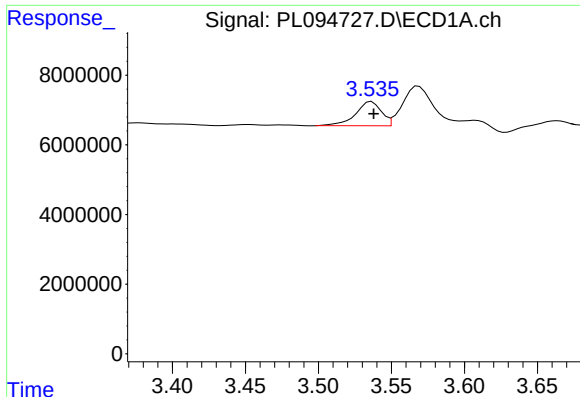
Manual Integrations
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Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:41:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





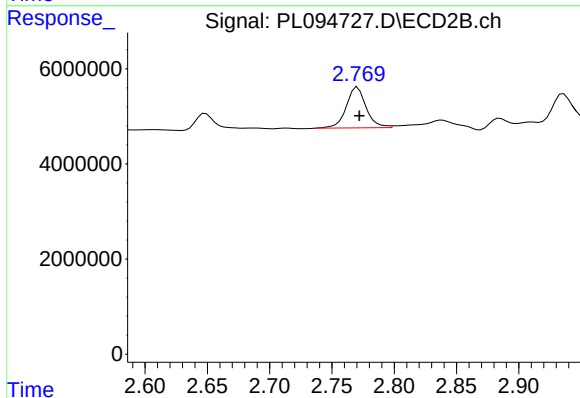
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 9105128
Conc: 3.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

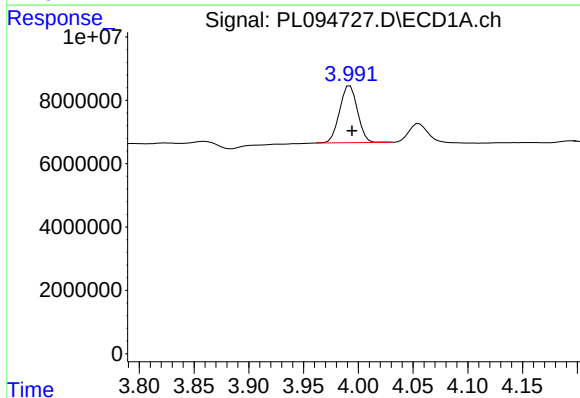
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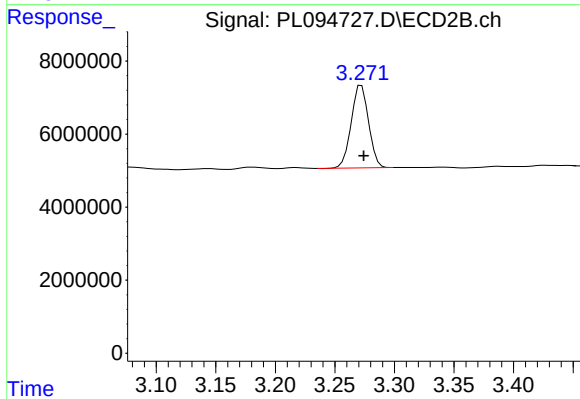
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 9583615
Conc: 2.69 ng/ml



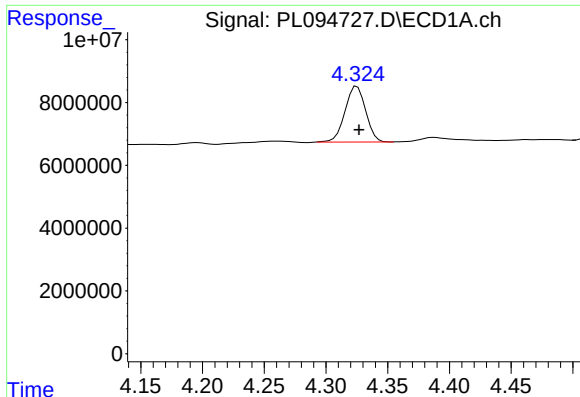
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 20369639
Conc: 4.91 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 22921091
Conc: 4.25 ng/ml



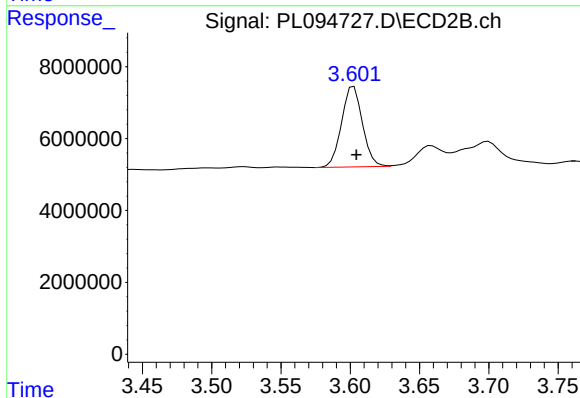
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 20647152
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

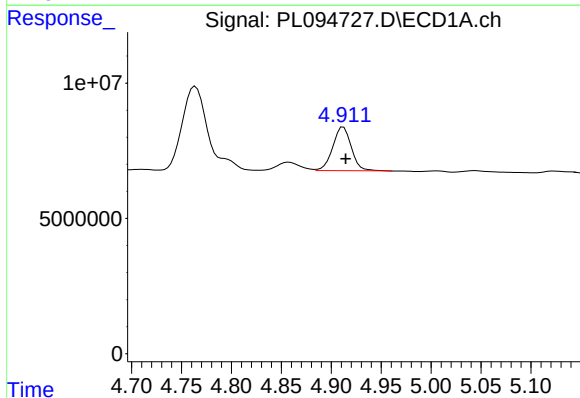
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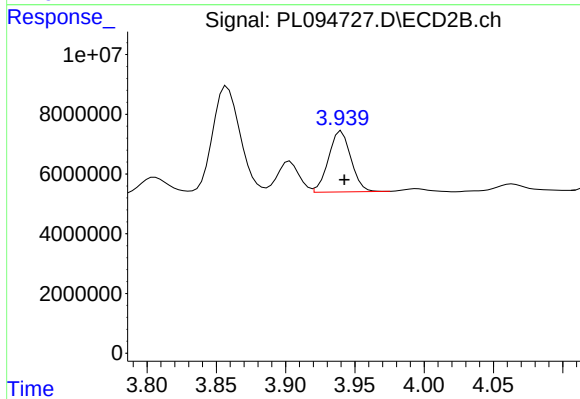
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 23519899
Conc: 4.58 ng/ml m



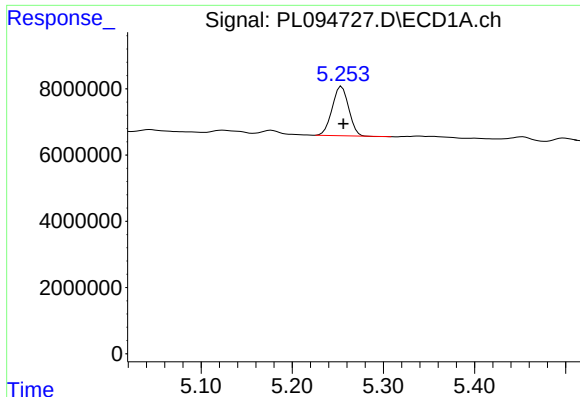
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 20935629
Conc: 5.39 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 22876481
Conc: 4.34 ng/ml



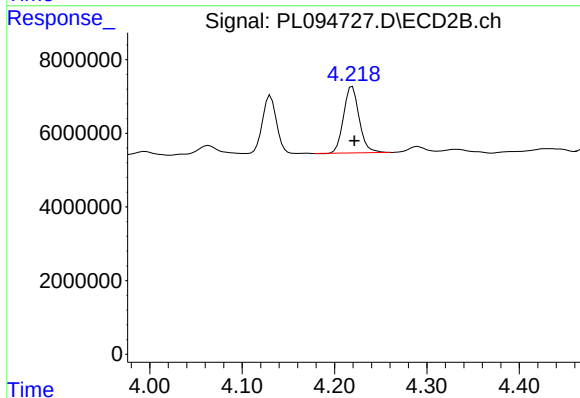
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 18739898
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

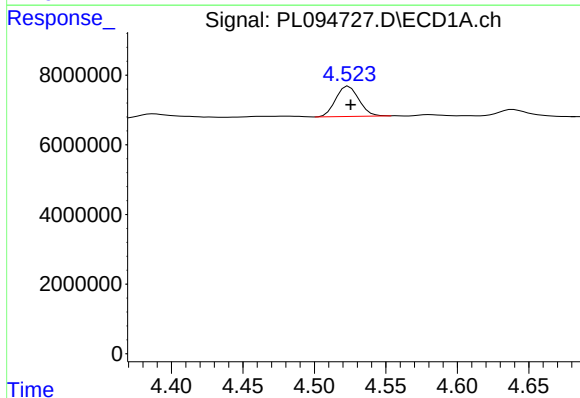
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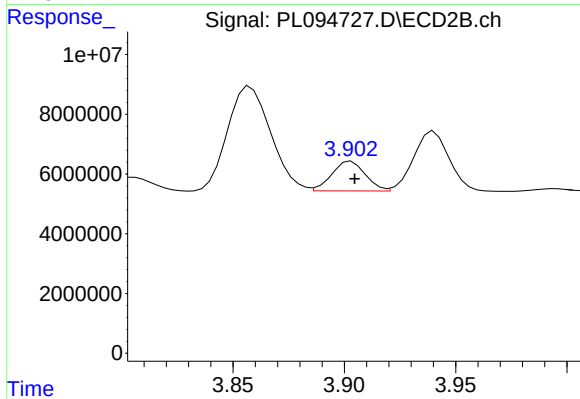
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 21239862
Conc: 4.36 ng/ml



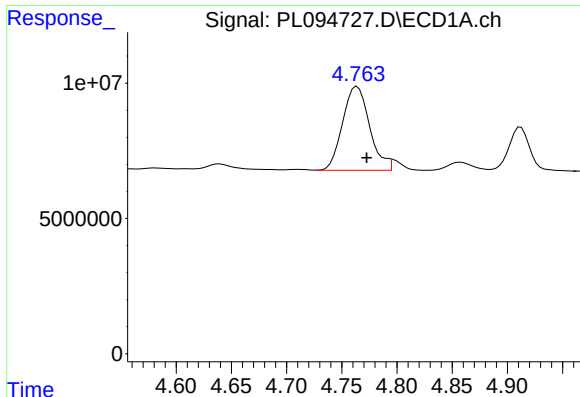
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 9801443
Conc: 5.31 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 10392861
Conc: 4.68 ng/ml m



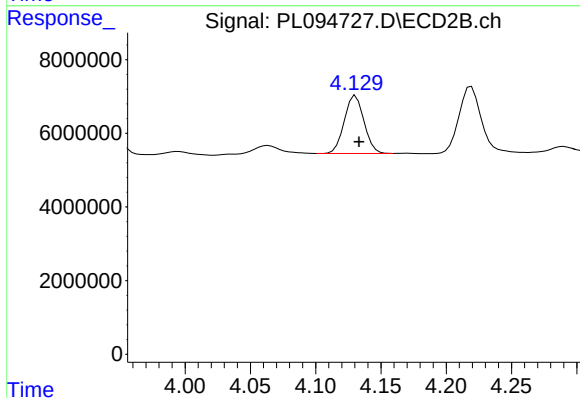
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.010 min
Response: 52770926
Conc: 13.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

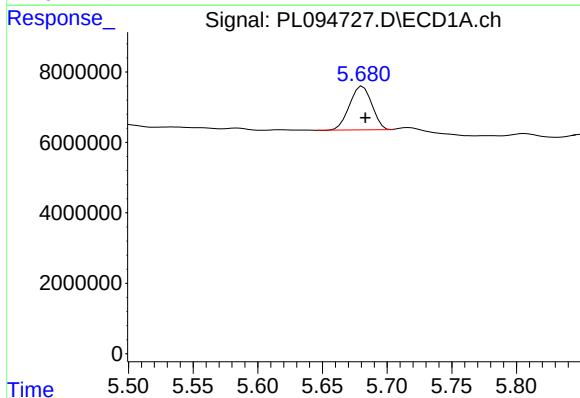
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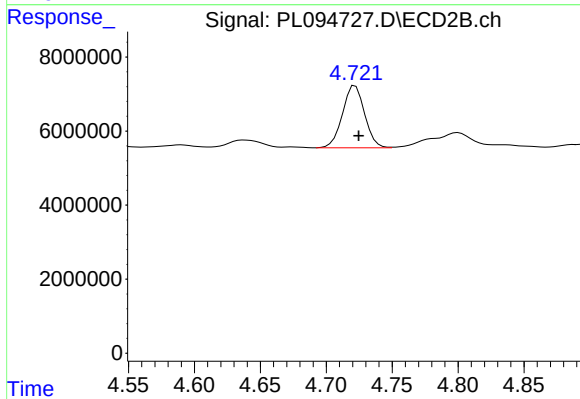
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 16485012
Conc: 3.30 ng/ml



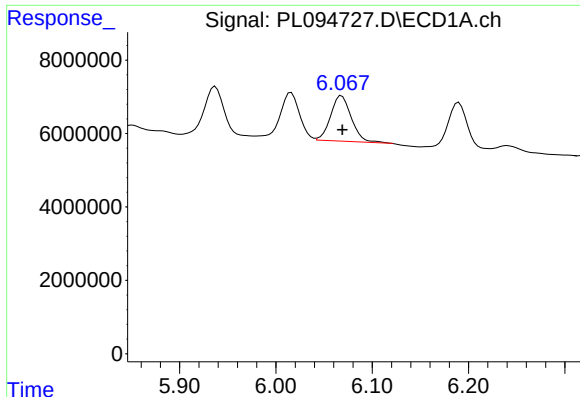
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 14871112
Conc: 4.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 19676073
Conc: 4.30 ng/ml m



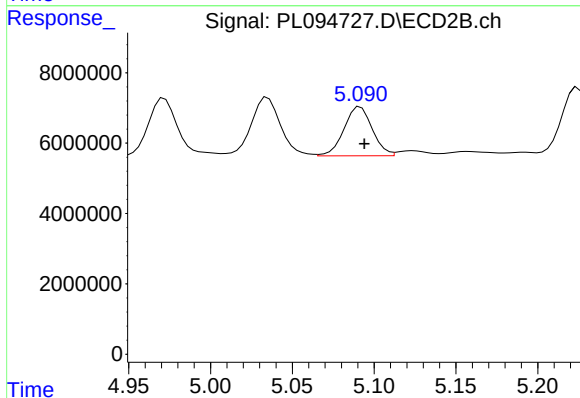
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 18190218
Conc: 5.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

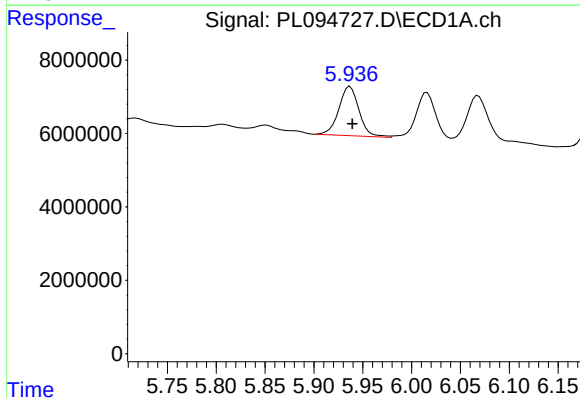
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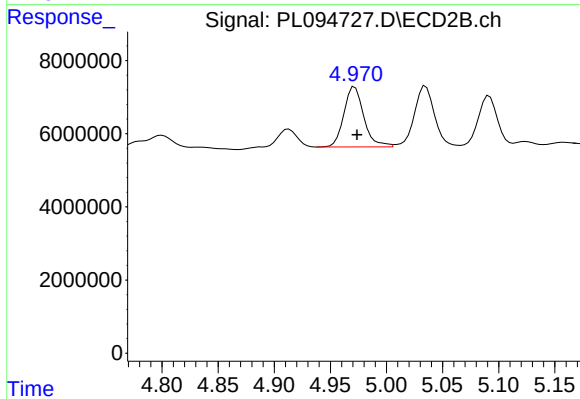
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 16655137
Conc: 3.79 ng/ml m



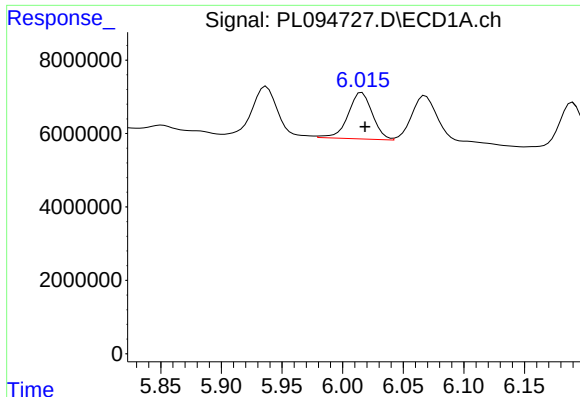
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 19302409
Conc: 5.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 20277824
Conc: 4.20 ng/ml m



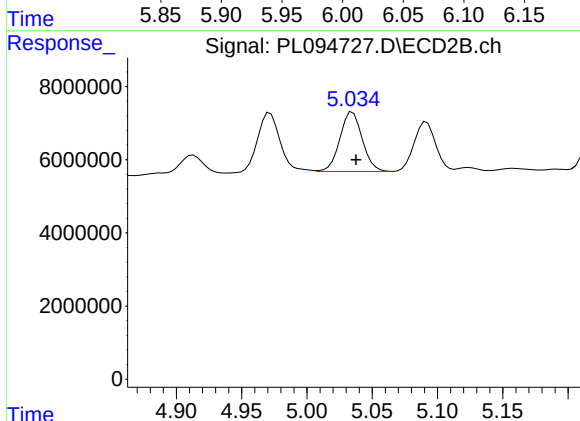
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 17640212
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

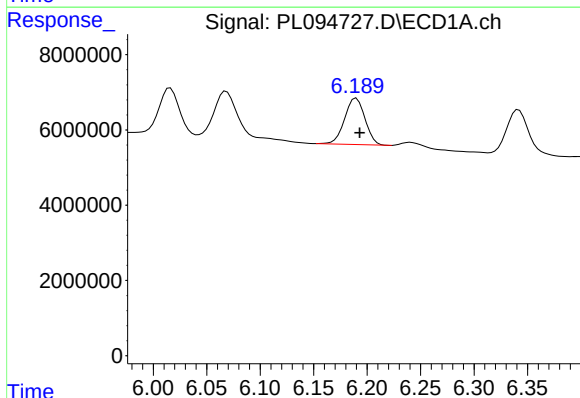
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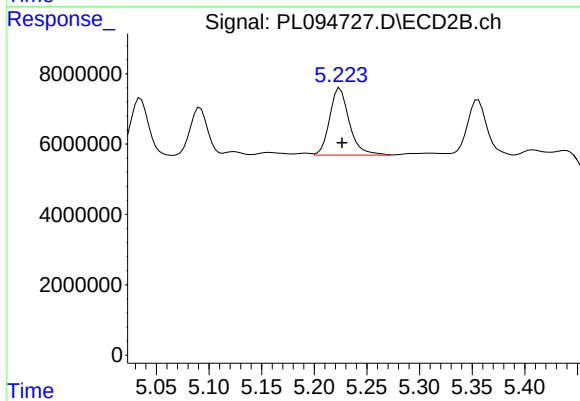
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 19476324
Conc: 4.08 ng/ml m



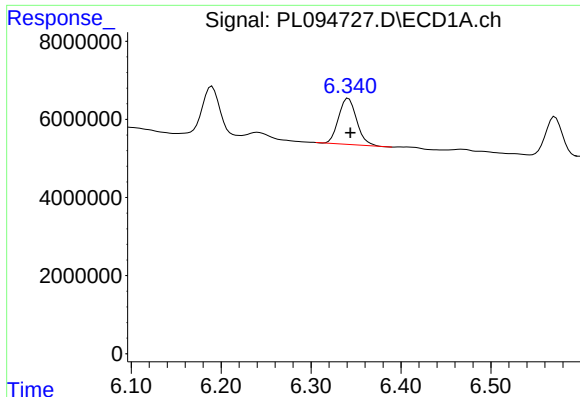
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 16396303
Conc: 5.57 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 24652484
Conc: 5.30 ng/ml m



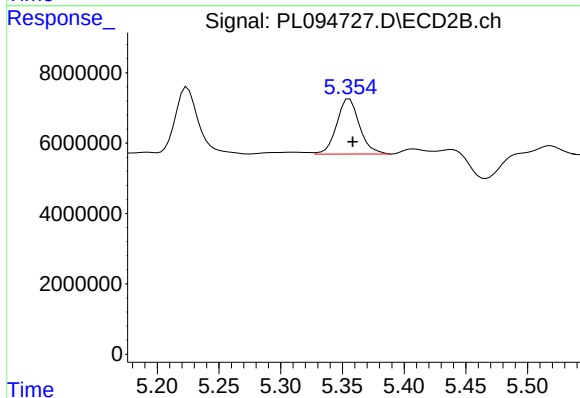
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 16341870
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

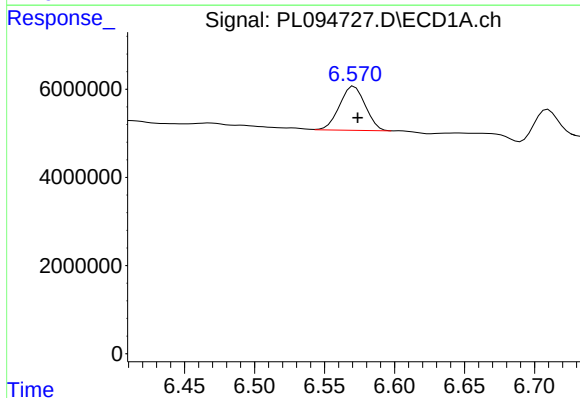
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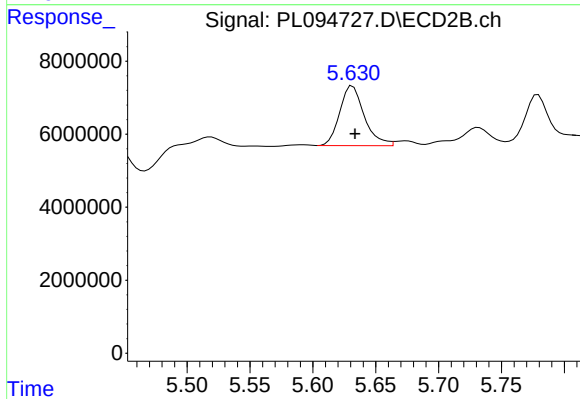
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 20095533
Conc: 4.14 ng/ml m



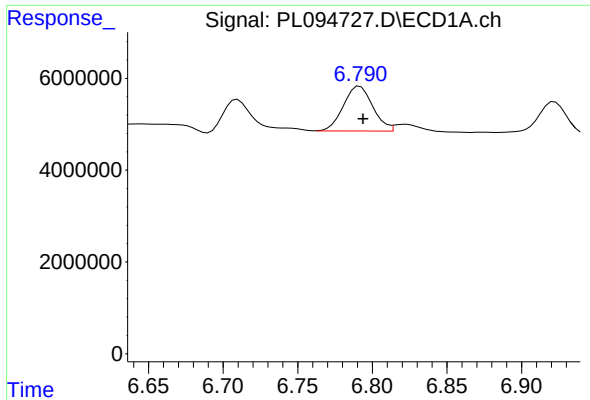
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 12831573
Conc: 4.63 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 22444468
Conc: 5.14 ng/ml m



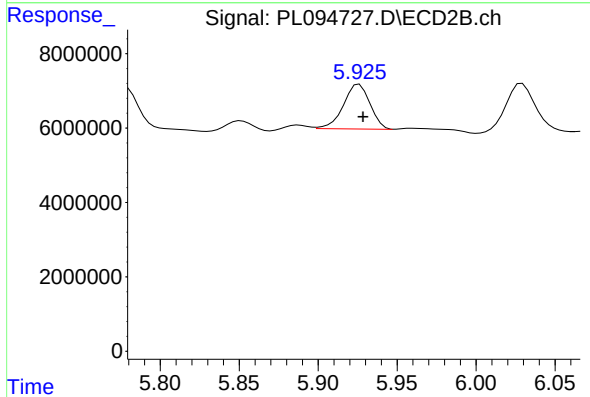
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 13587968
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

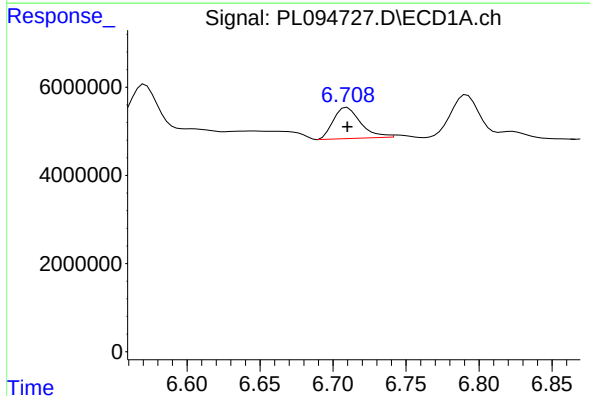
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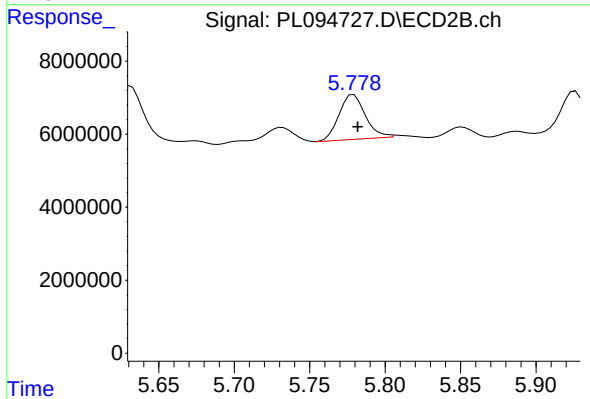
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 14127516
Conc: 3.26 ng/ml m



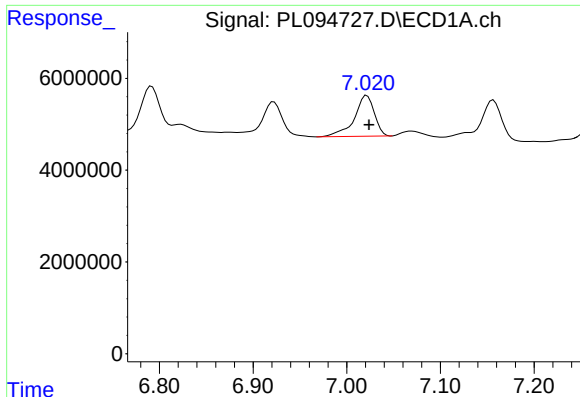
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 9228202
Conc: 4.26 ng/ml m



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 14931257
Conc: 4.15 ng/ml m



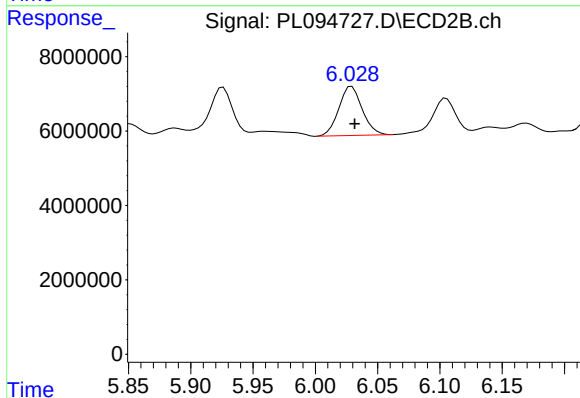
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 13239833
Conc: 5.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

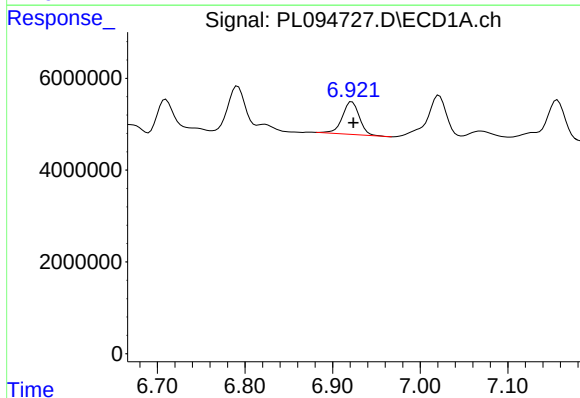
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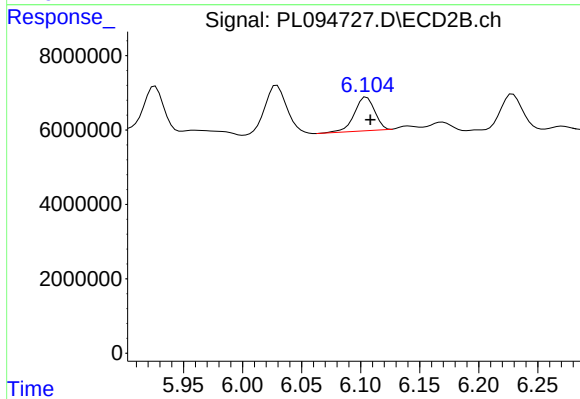
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 17256671
Conc: 4.28 ng/ml



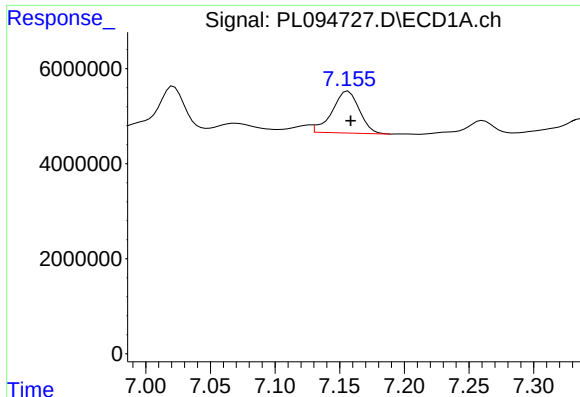
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 9683662
Conc: 4.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 10786377
Conc: 3.21 ng/ml



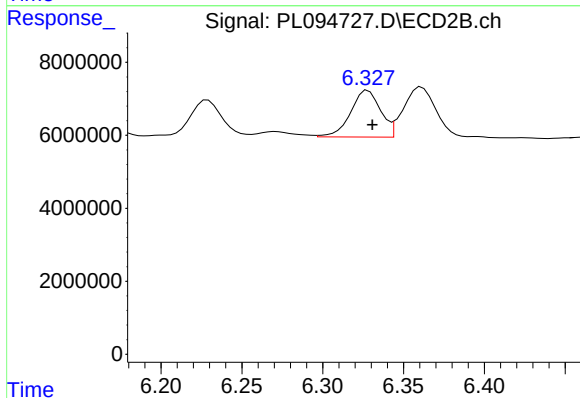
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 12849419
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

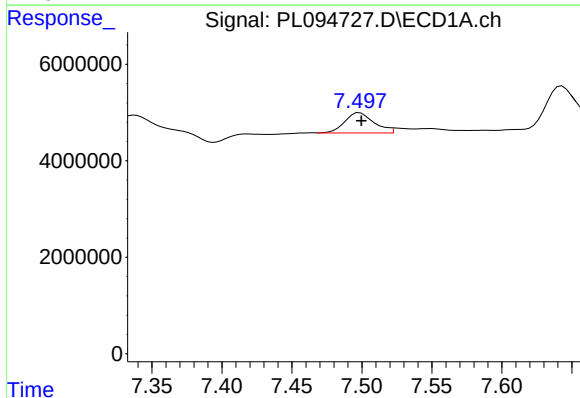
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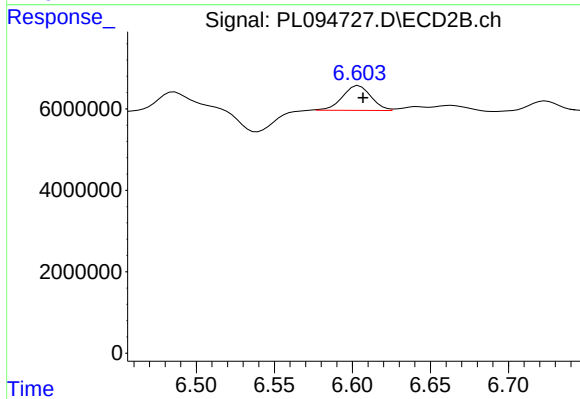
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 16463641
Conc: 4.04 ng/ml



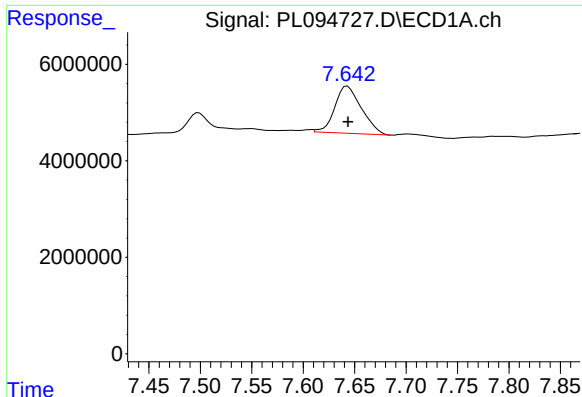
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 5967580
Conc: 4.99 ng/ml m



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 7697752
Conc: 3.63 ng/ml m



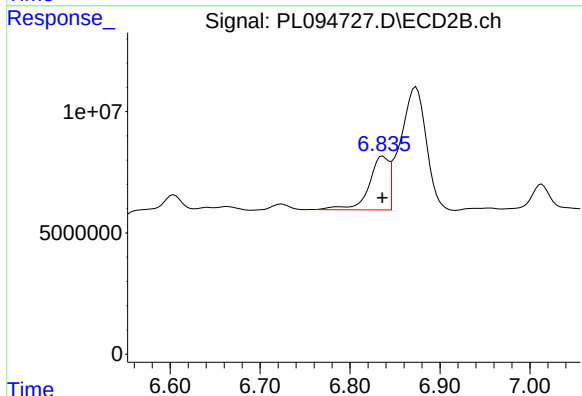
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 17553182
Conc: 6.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

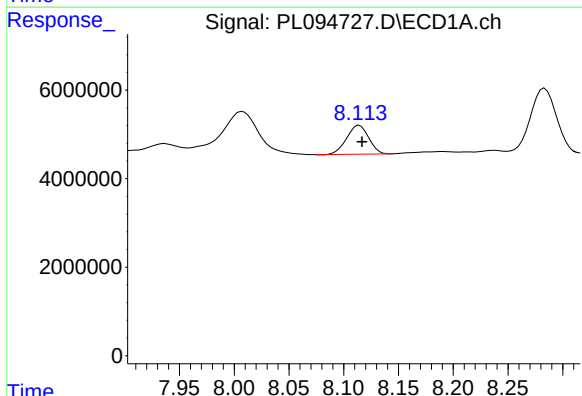
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APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



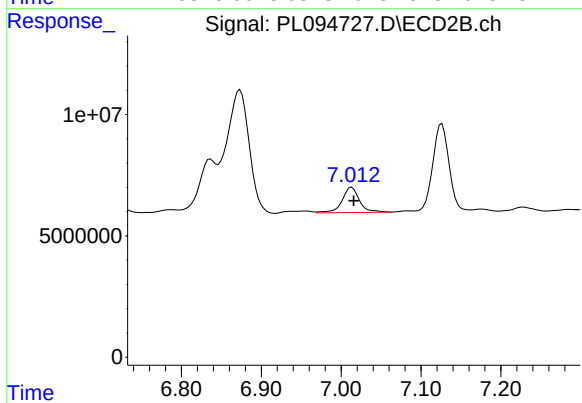
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 33868870
Conc: 7.10 ng/ml



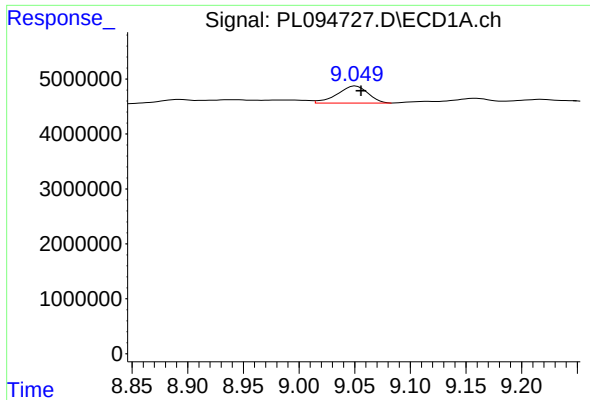
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 9121139
Conc: 4.41 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 15671313
Conc: 4.13 ng/ml



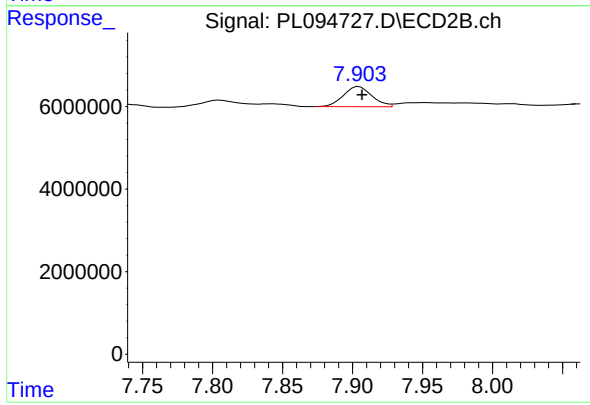
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 5929632
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 6922091
Conc: 1.71 ng/ml m