

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
 Data File : PL094736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 14:34
 Operator : AR\AJ
 Sample : Q1592-01MSDRE 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OILY-DEBRIS-COMPREMSED

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 20 02:03:24 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...	3.534	2.770	8766704	10491820	3.097m	2.939
28) SA Decachlor...	9.047	7.902	5812911	7956253	2.758m	1.970m#
Target Compounds						
2) A alpha-BHC	3.992	3.272	22547544	26456094	5.430	4.907
3) MA gamma-BHC...	4.324	3.602	23021578	26287644	5.769	5.115
4) MA Heptachlor	4.911	3.940	23127550	25901481	5.958	4.916
5) MB Aldrin	5.253	4.217	20568308	25091145	5.571	5.145m
6) B beta-BHC	4.524	3.903	10398548	13035951	5.635	5.869
7) B delta-BHC	4.763	4.131	52485477	18757150	13.477m	3.750 #
8) B Heptachlo...	5.679	4.719	16893786	22089247	5.050m	4.824m
9) A Endosulfan I	6.065	5.090	19810368	18996794	6.452m	4.329m#
10) B gamma-Chl...	5.936	4.969	21237042	24779846	6.303	5.132m
11) B alpha-Chl...	6.015	5.033	19031387	23978844	5.773	5.024m
12) B 4,4'-DDE	6.189	5.222	17666494	27409073	6.005	5.896m
13) MA Dieldrin	6.340	5.353	17689831	22036087	5.531	4.542m
14) MA Endrin	6.569	5.629	14051034	25812250	5.069m	5.915m
15) B Endosulfa...	6.789	5.925	15344650	16102739	5.652m	3.720 #
16) A 4,4'-DDD	6.707	5.777	10221312	17653612	4.719m	4.909m
17) MA 4,4'-DDT	7.020	6.029	14317051	19562857	6.019	4.852
18) B Endrin al...	6.919	6.104	12107731	12741777	5.736m	3.786 #
19) B Endosulfa...	7.154	6.326	15411387	16300633	6.337m	4.002m#
20) A Methoxychlor	7.496	6.602	5995632	8747002	5.009m	4.124m
21) B Endrin ke...	7.641	6.833	19327415	31915153	7.312m	6.687m
22) Mirex	8.113	7.011	10378920	16484468	5.023	4.343m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
Data File : PL094736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 14:34
Operator : AR\AJ
Sample : Q1592-01MSDRE 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

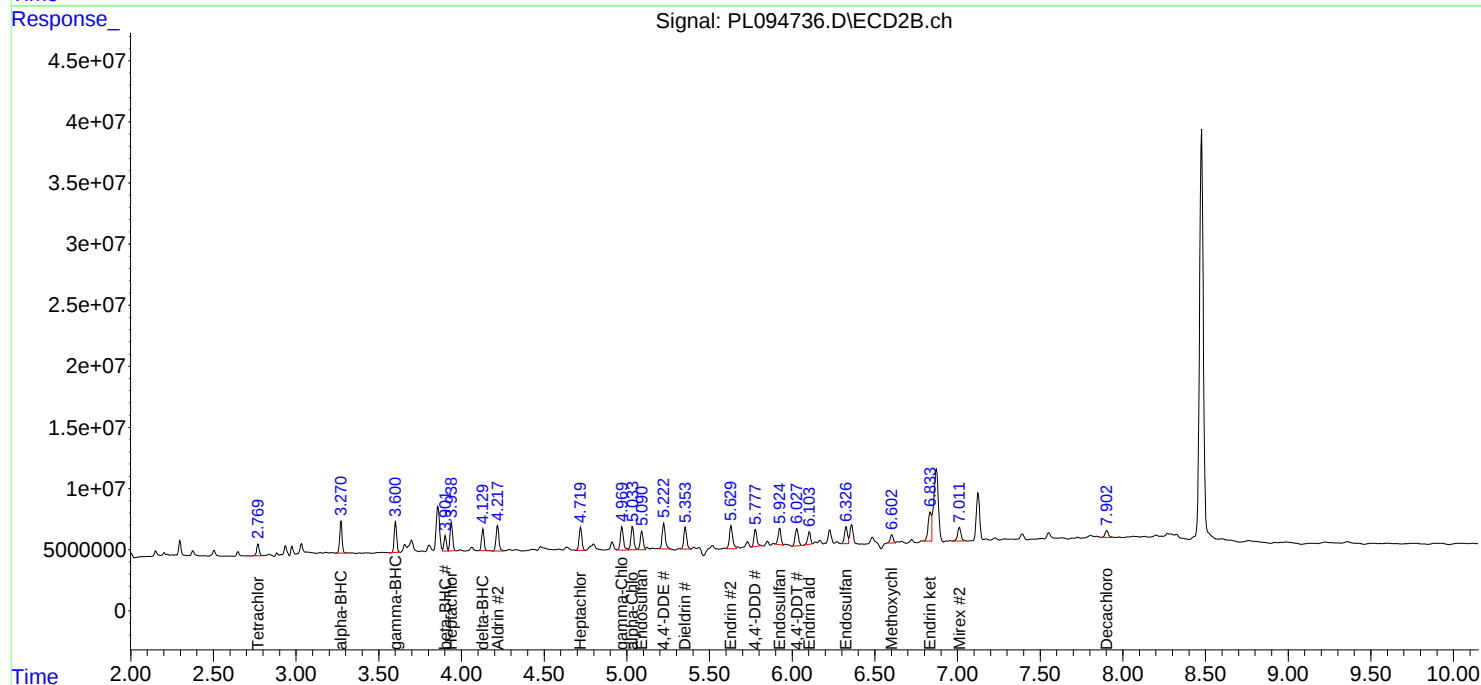
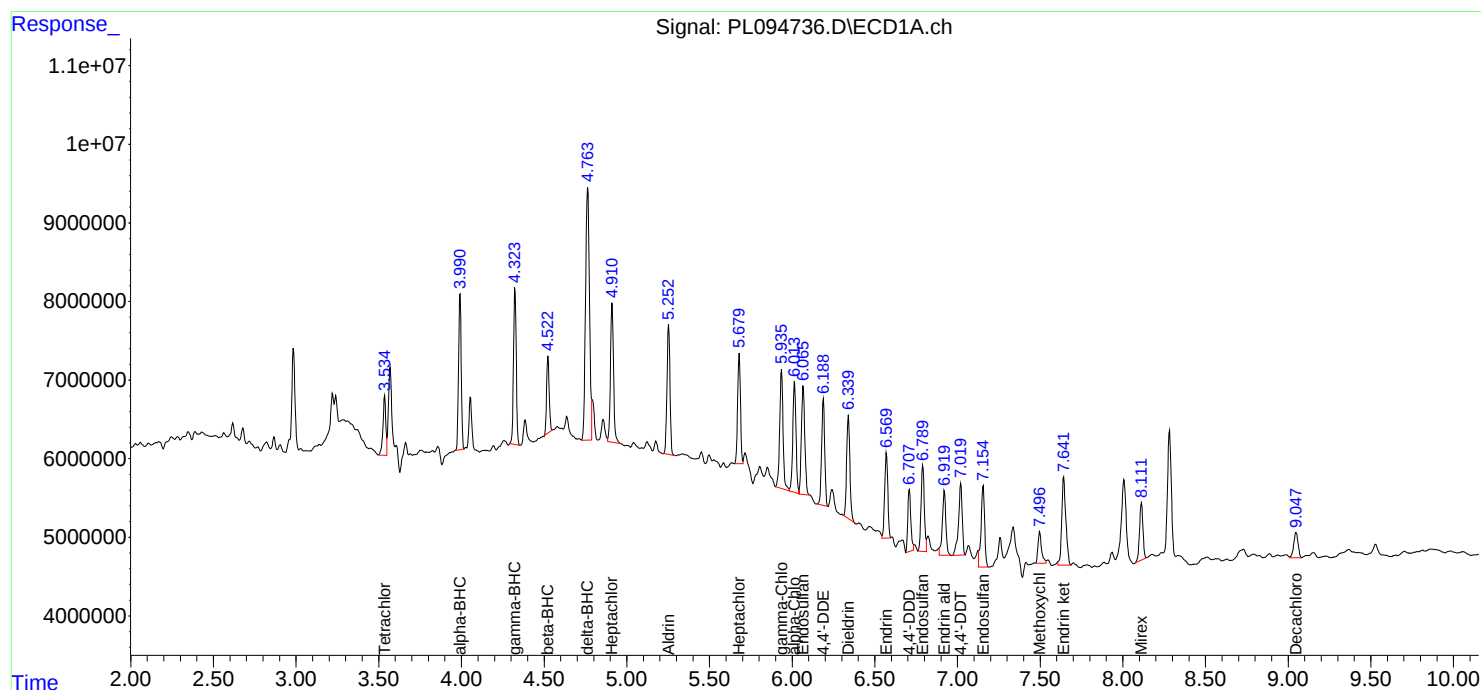
Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

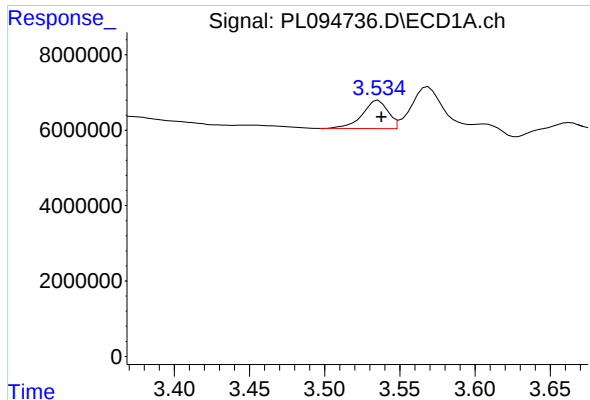
Manual Integrations
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Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 02:03:24 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





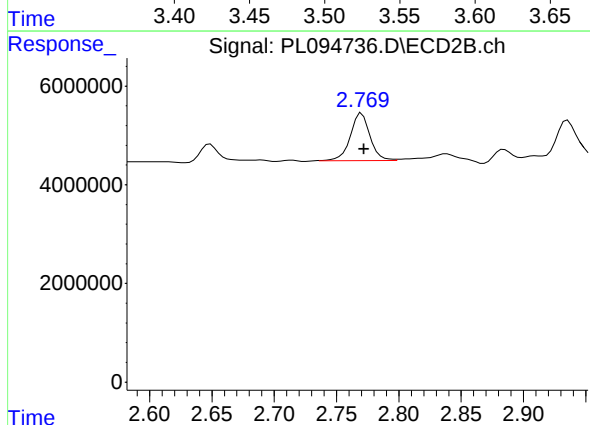
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 8766704
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

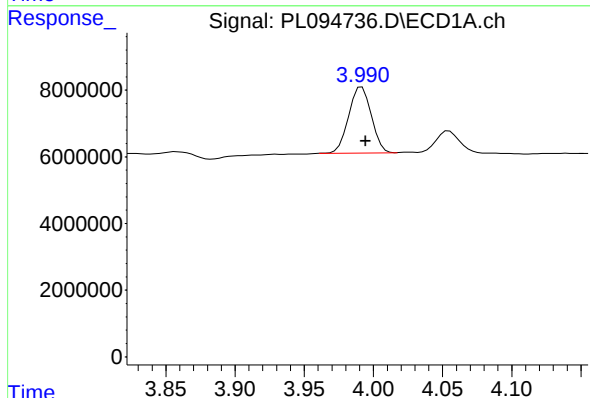
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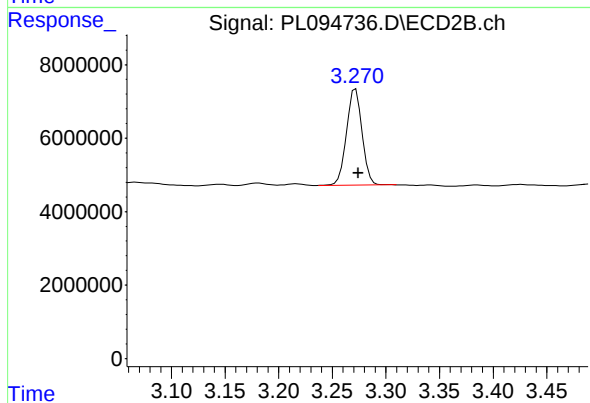
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 10491820
Conc: 2.94 ng/ml



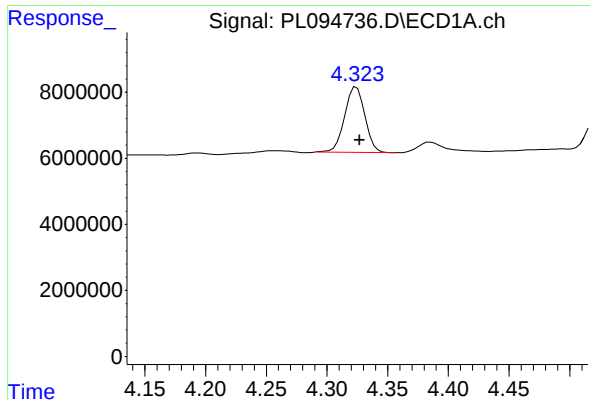
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 22547544
Conc: 5.43 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 26456094
Conc: 4.91 ng/ml



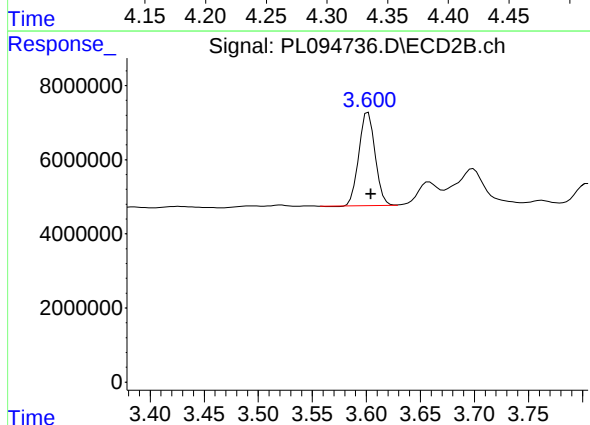
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 23021578
Conc: 5.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

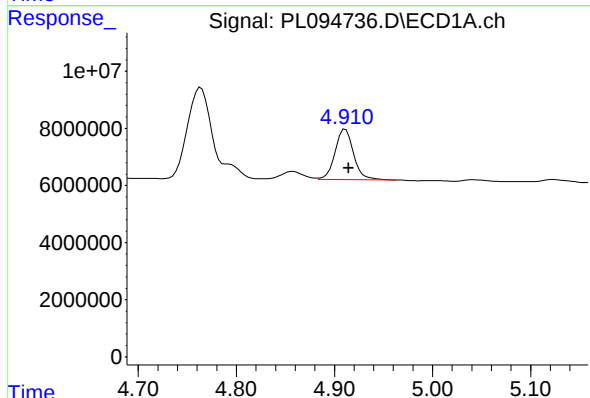
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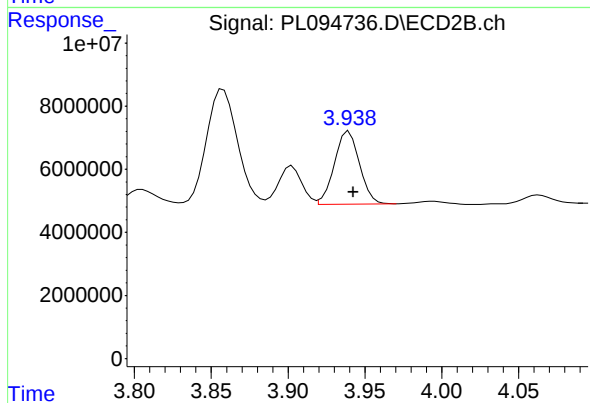
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 26287644
Conc: 5.11 ng/ml



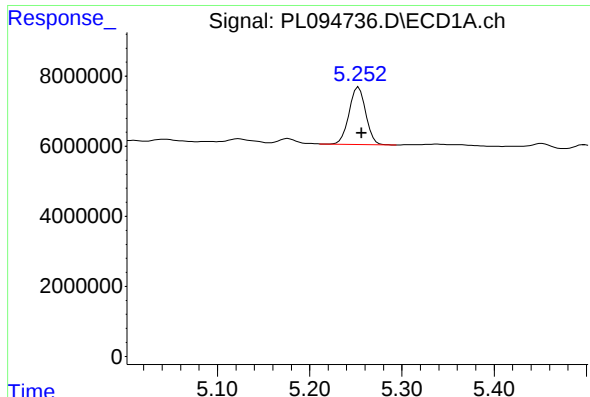
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 23127550
Conc: 5.96 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 25901481
Conc: 4.92 ng/ml



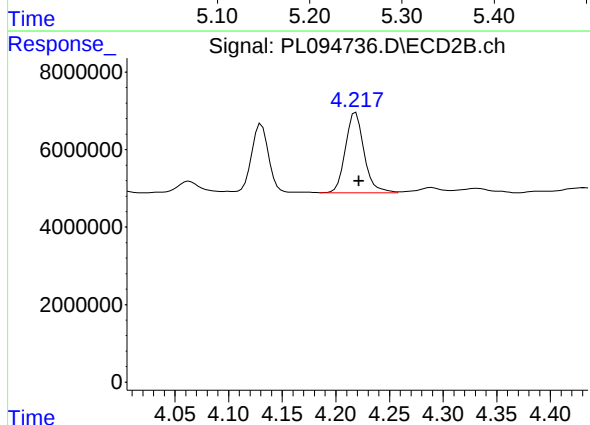
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 20568308
Conc: 5.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

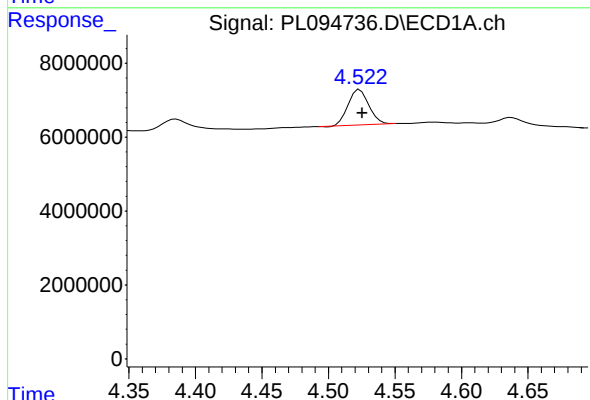
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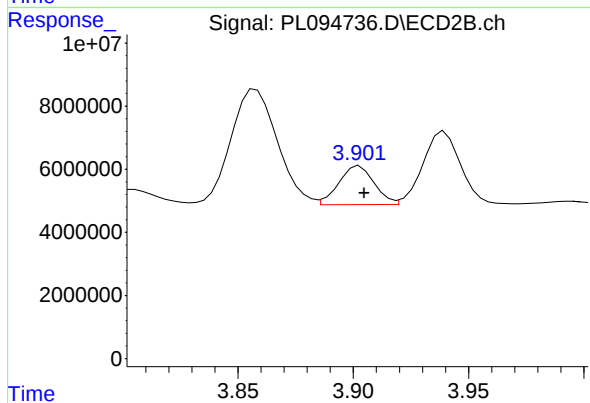
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 25091145
Conc: 5.15 ng/ml



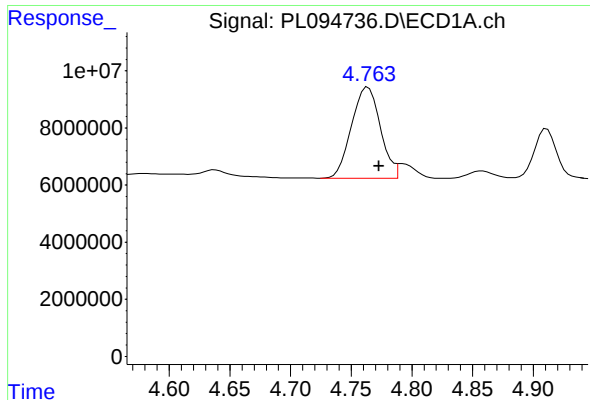
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 10398548
Conc: 5.64 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 13035951
Conc: 5.87 ng/ml



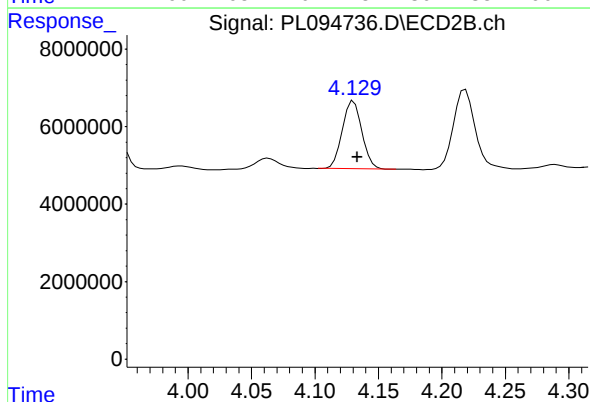
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.010 min
Response: 52485477
Conc: 13.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

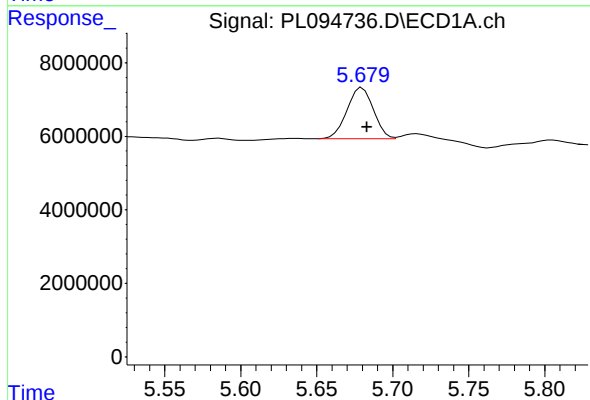
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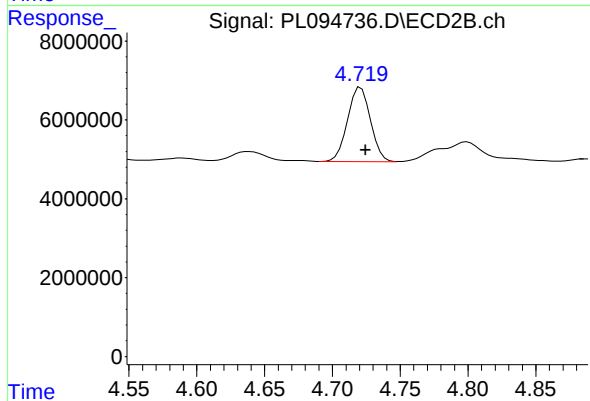
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 18757150
Conc: 3.75 ng/ml



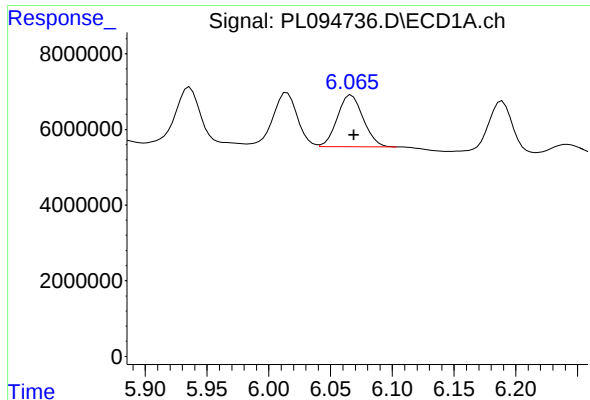
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 16893786
Conc: 5.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 22089247
Conc: 4.82 ng/ml m



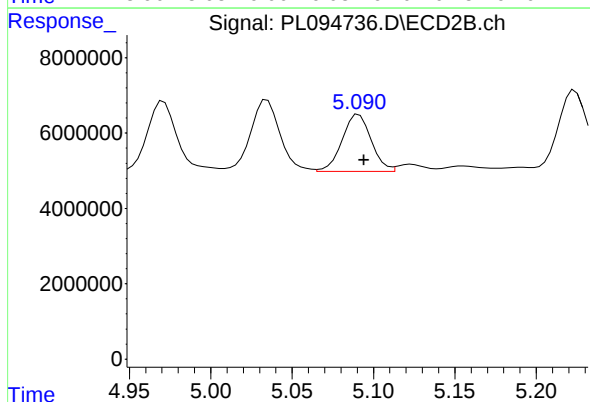
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 19810368
Conc: 6.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

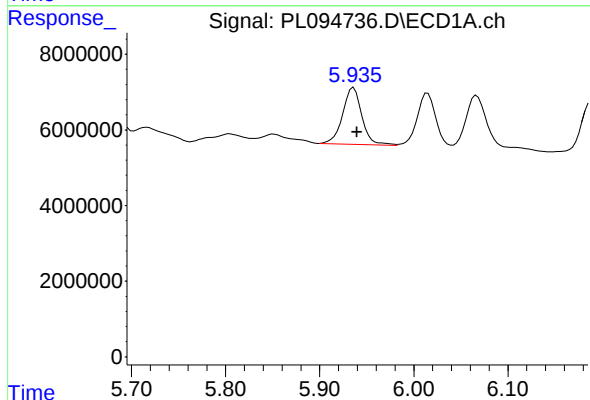
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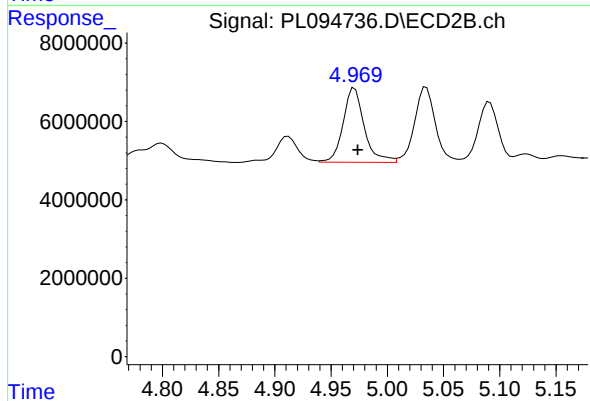
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 18996794
Conc: 4.33 ng/ml m



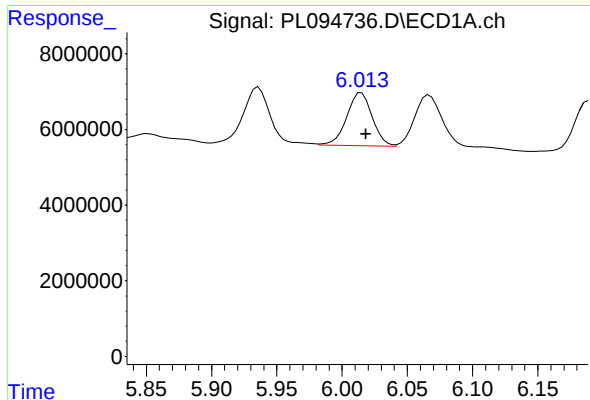
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 21237042
Conc: 6.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 24779846
Conc: 5.13 ng/ml m



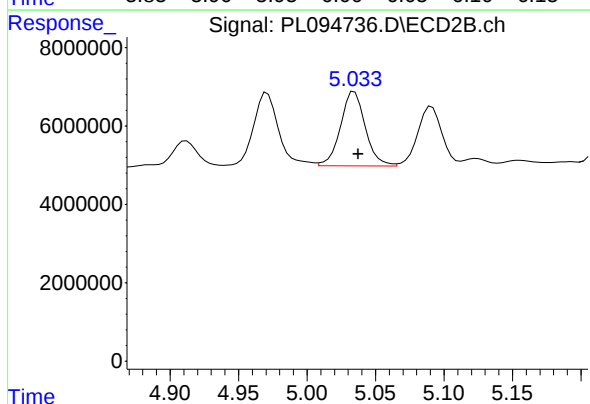
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 19031387
Conc: 5.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

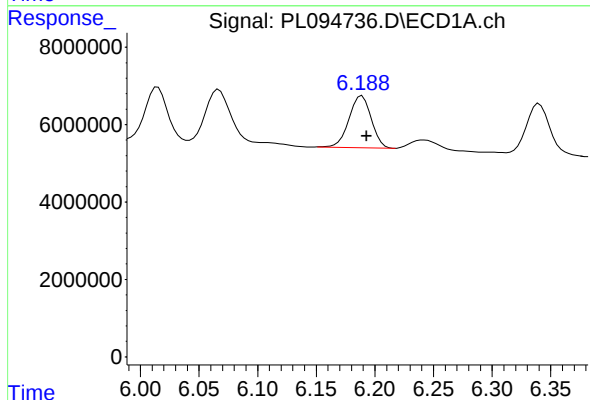
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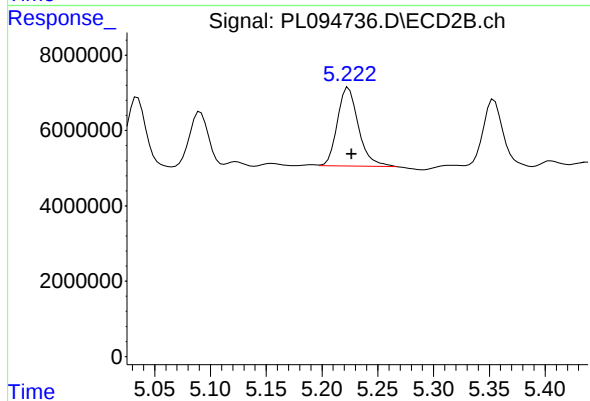
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 23978844
Conc: 5.02 ng/ml m



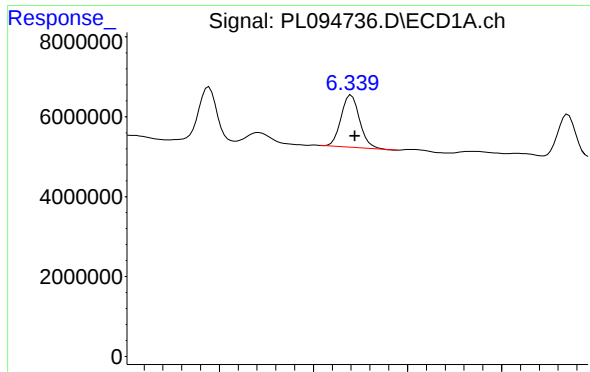
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 17666494
Conc: 6.00 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 27409073
Conc: 5.90 ng/ml m



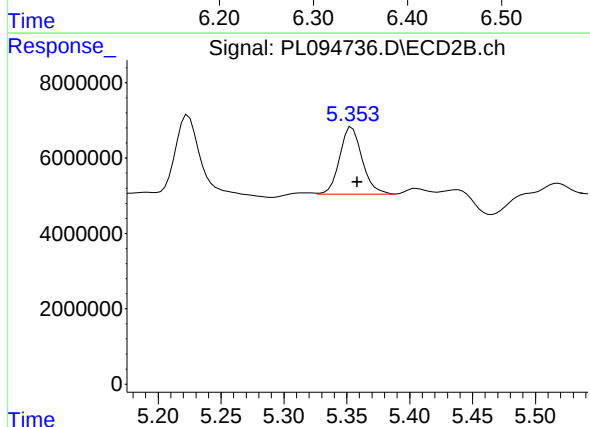
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 17689831
Conc: 5.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

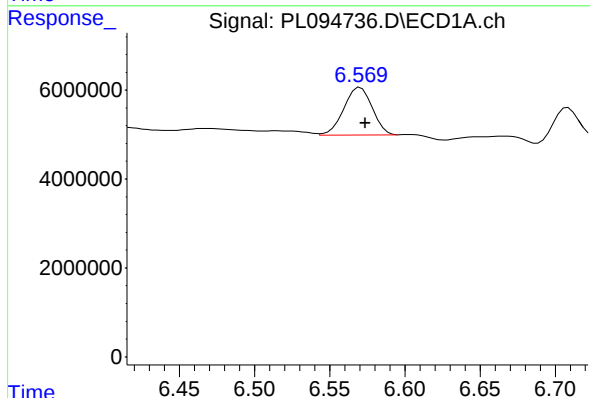
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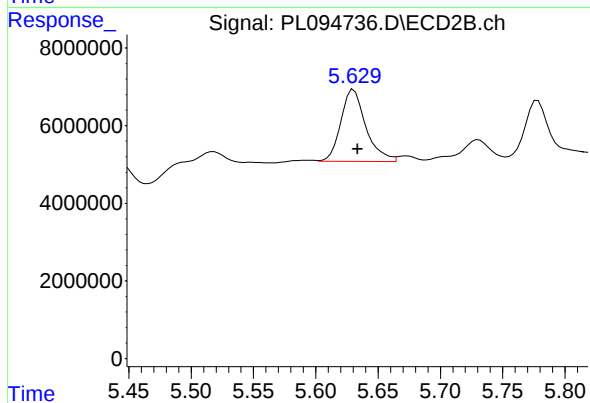
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 22036087
Conc: 4.54 ng/ml m



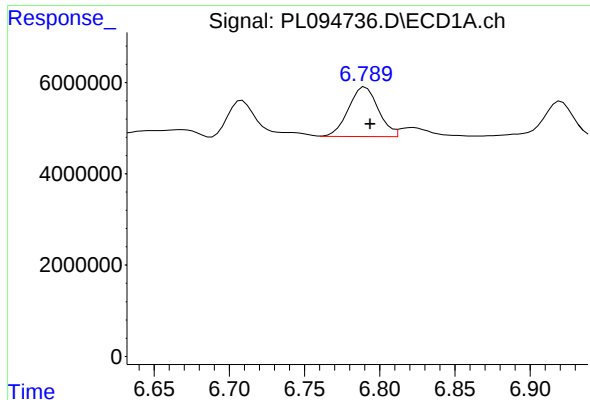
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 14051034
Conc: 5.07 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 25812250
Conc: 5.92 ng/ml m



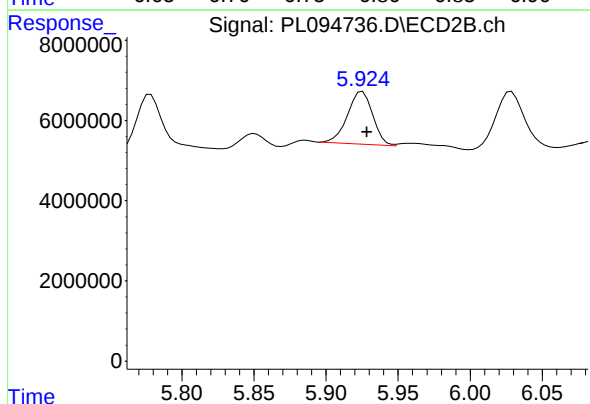
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 15344650
Conc: 5.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

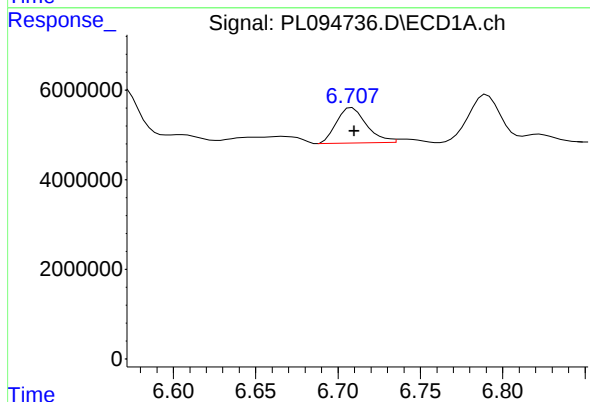
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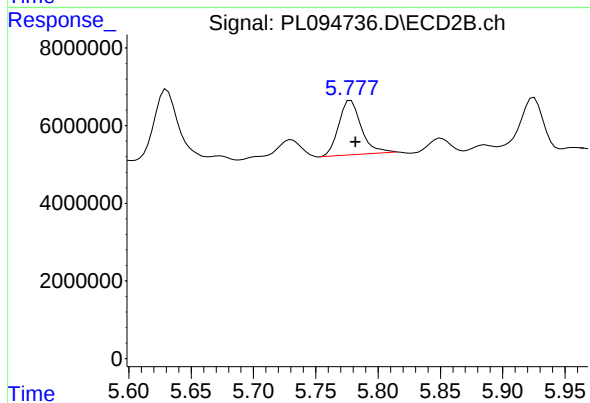
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 16102739
Conc: 3.72 ng/ml



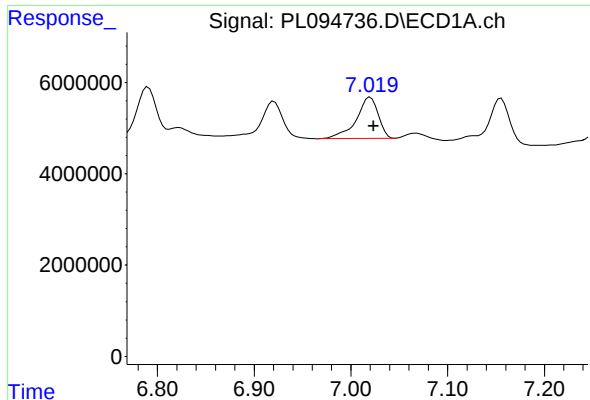
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 10221312
Conc: 4.72 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 17653612
Conc: 4.91 ng/ml m



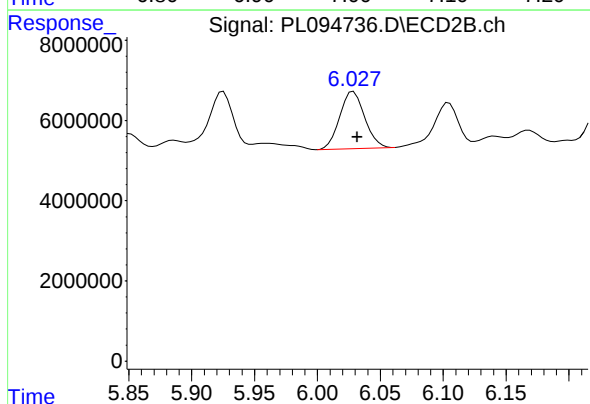
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 14317051
Conc: 6.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

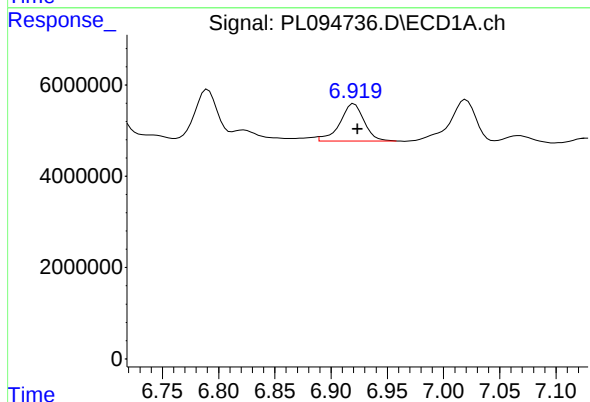
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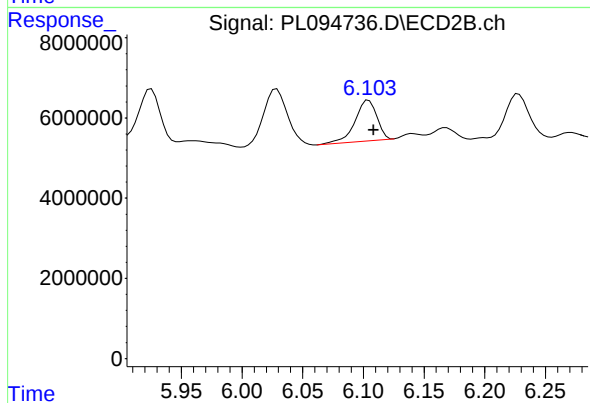
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 19562857
Conc: 4.85 ng/ml



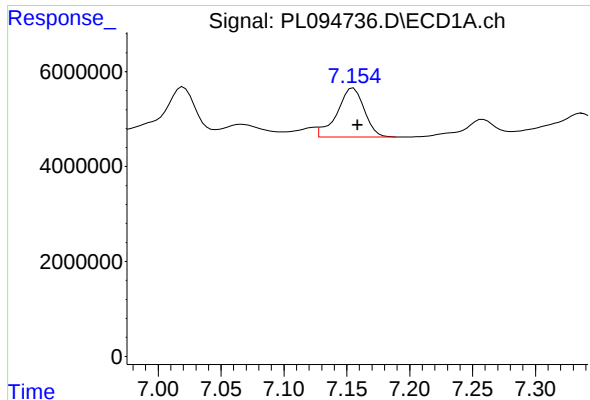
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 12107731
Conc: 5.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 12741777
Conc: 3.79 ng/ml



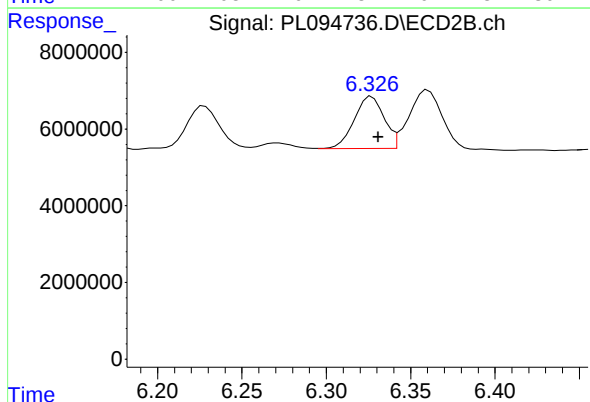
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 15411387
Conc: 6.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

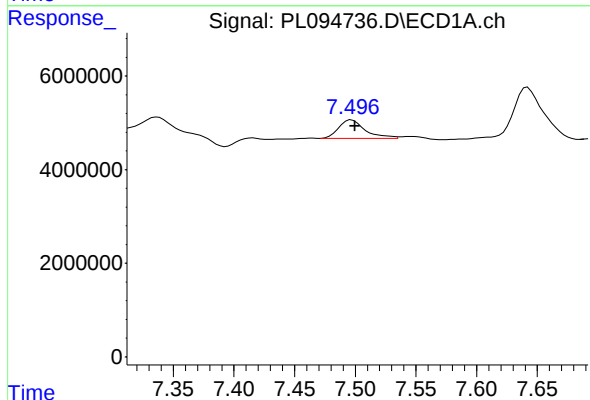
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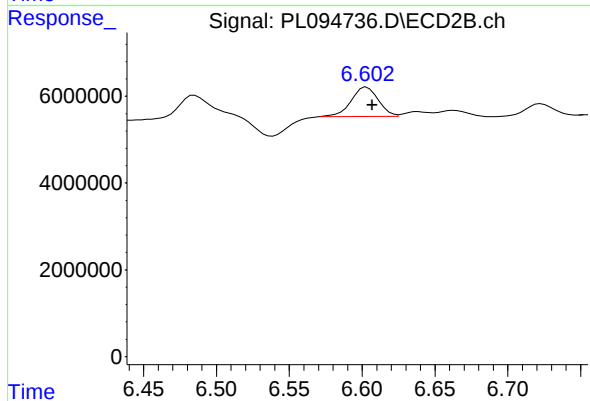
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 16300633
Conc: 4.00 ng/ml m



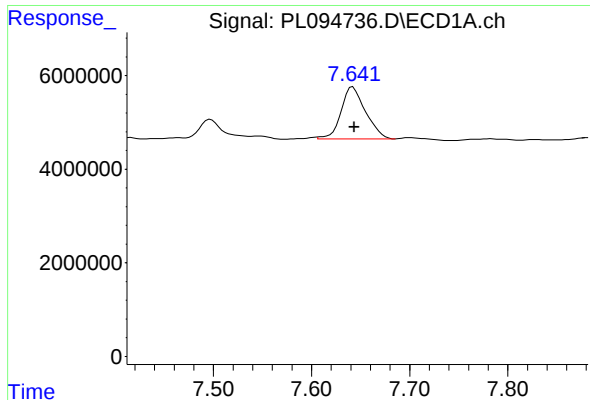
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 5995632
Conc: 5.01 ng/ml m



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 8747002
Conc: 4.12 ng/ml m



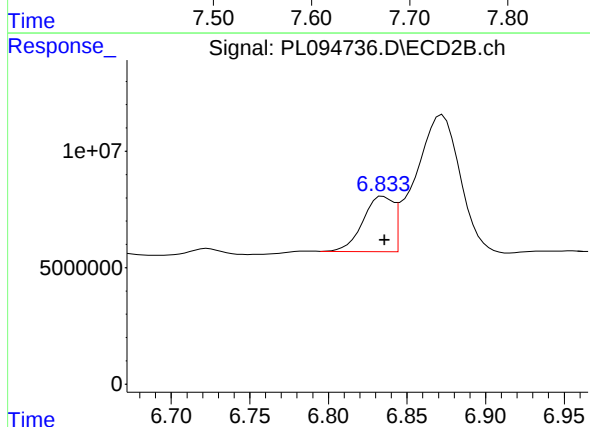
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 19327415
Conc: 7.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

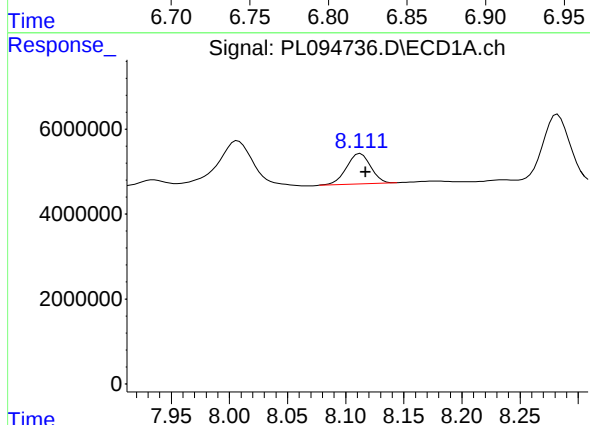
Manual Integrations
APPROVED

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



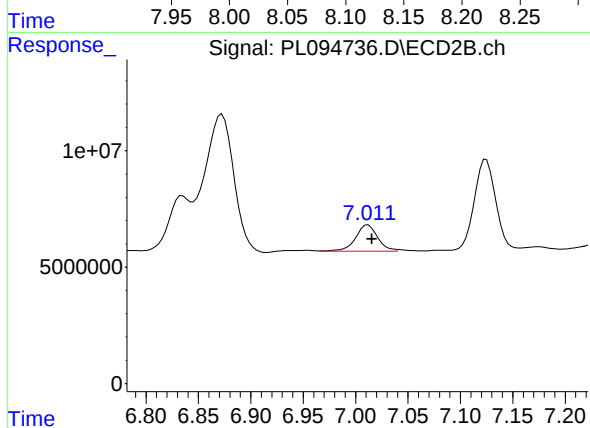
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 31915153
Conc: 6.69 ng/ml m



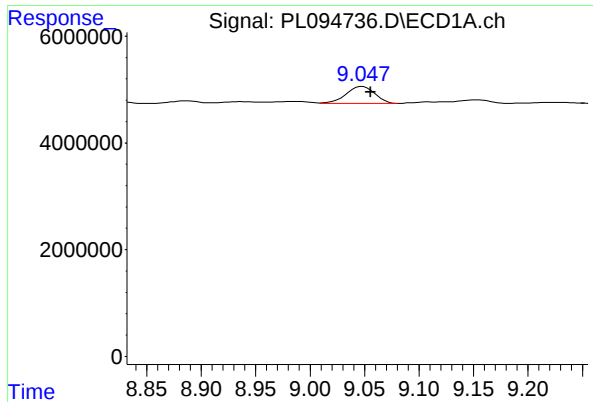
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 10378920
Conc: 5.02 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 16484468
Conc: 4.34 ng/ml m



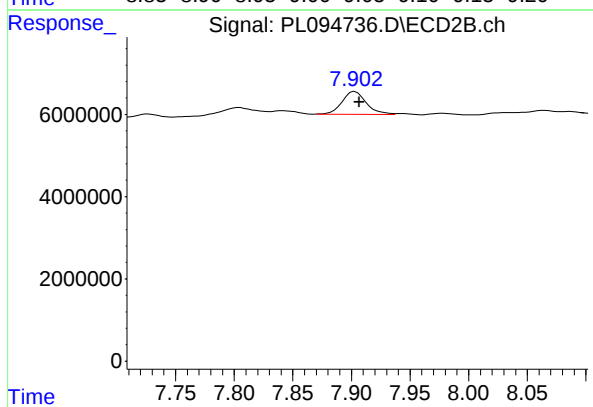
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 5812911
Conc: 2.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPRESSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 7956253
Conc: 1.97 ng/ml m