

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
 Data File : PL094726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2025 15:39
 Operator : AR\AJ
 Sample : Q1592-01MS 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OILY-DEBRIS-COMPMS

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 01:41:29 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	7948564	9811637	2.808m	2.749
2) SA Decachlor...	9.050	7.904	6971872	7361648	3.308m	1.822 #
Target Compounds						
2) A alpha-BHC	3.992	3.272	20559643	23433259	4.951	4.346
3) MA gamma-BHC...	4.325	3.602	20770153	24040078	5.205	4.678
4) MA Heptachlor	4.912	3.940	21356029	23480536	5.502	4.457
5) MB Aldrin	5.252	4.218	18536292	22319516	5.020m	4.577m
6) B beta-BHC	4.523	3.903	9750130	11718208	5.284m	5.275
7) B delta-BHC	4.762	4.131	52798217	16877643	13.558m	3.374 #
8) B Heptachlo...	5.681	4.722	14211454	20482976	4.248	4.474
9) A Endosulfan I	6.068	5.090	17801392	16590219	5.798	3.780m#
10) B gamma-Chl...	5.937	4.971	18722166	21248100	5.557	4.401m
11) B alpha-Chl...	6.016	5.034	16815488	20433897	5.100	4.281m
12) B 4,4'-DDE	6.189	5.223	16445512	24909256	5.590	5.359m
13) MA Dieldrin	6.342	5.354	16204481	20051589	5.067	4.133m
14) MA Endrin	6.570	5.631	12785552	22469736	4.612m	5.149m
15) B Endosulfa...	6.790	5.926	13323233	13883094	4.908m	3.208 #
16) A 4,4'-DDD	6.708	5.778	8048299	15737965	3.716m	4.377m
17) MA 4,4'-DDT	7.021	6.028	13577928	17949180	5.709	4.452m
18) B Endrin al...	6.922	6.105	10001593	11623143	4.738	3.454 #
19) B Endosulfa...	7.155	6.327	12492496	17324148	5.137m	4.253m
20) A Methoxychlor	7.497	6.602	5550061	8678582	4.636m	4.092m
21) B Endrin ke...	7.643	6.836	17622559	38351088	6.667	8.036
22) Mirex	8.112	7.013	11030467	16083647	5.338m	4.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031825\
Data File : PL094726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2025 15:39
Operator : AR\AJ
Sample : Q1592-01MS 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

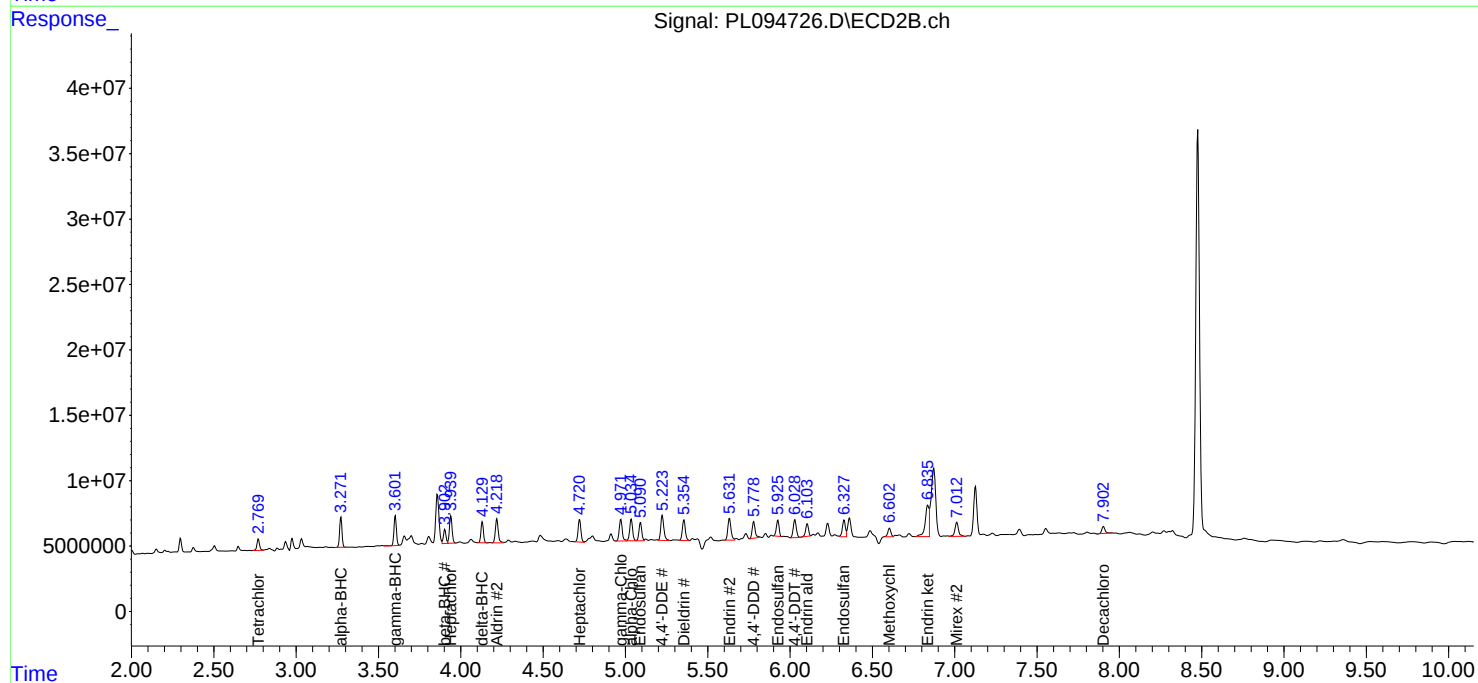
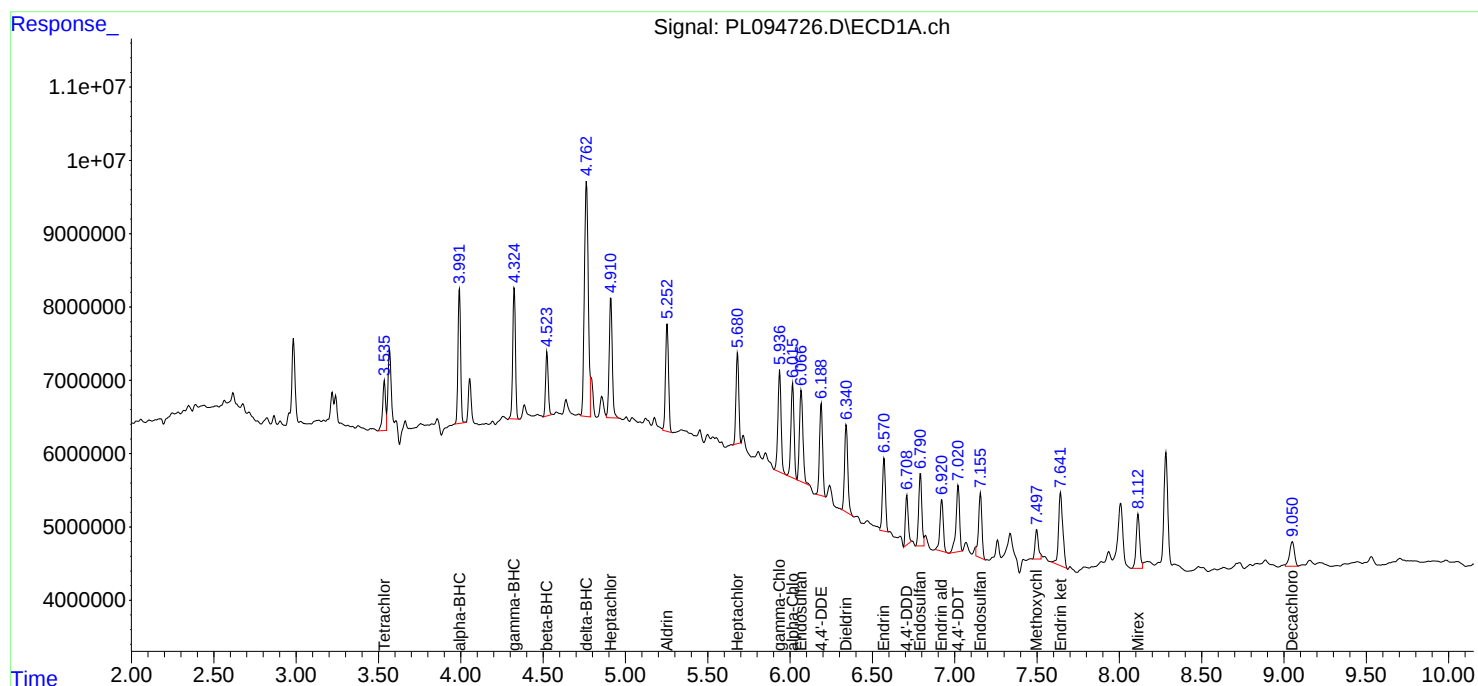
Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

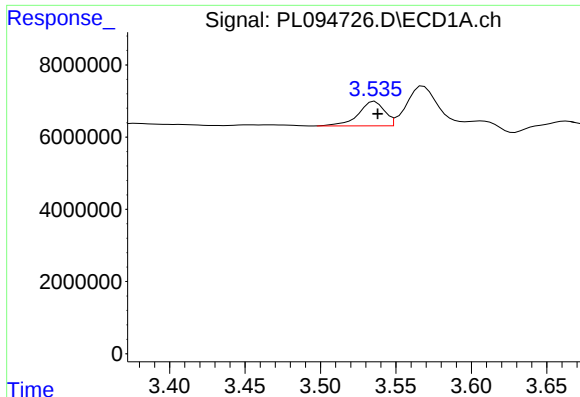
Manual Integrations
APPROVED

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 01:41:29 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
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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





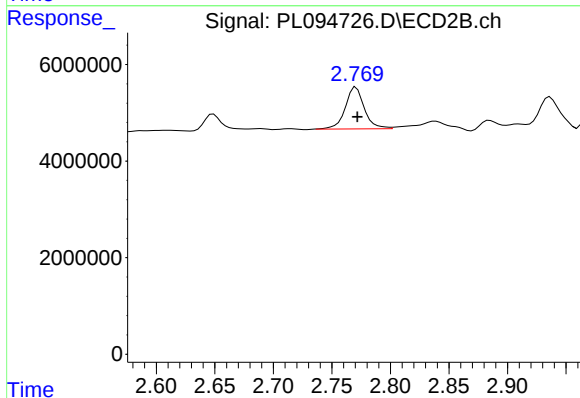
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 7948564
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

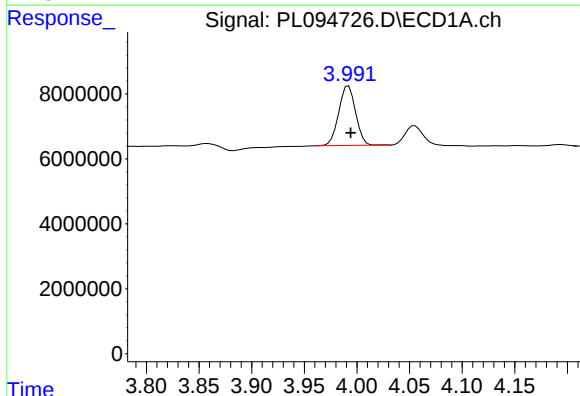
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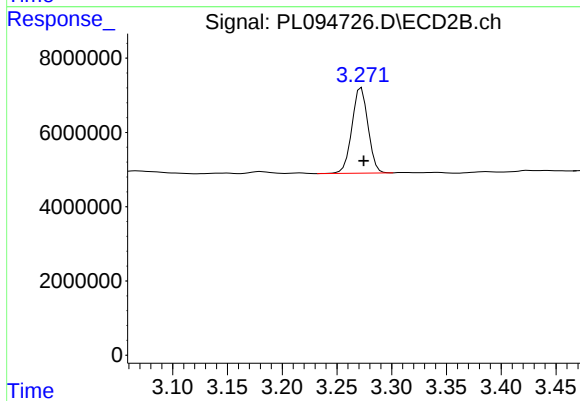
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 9811637
Conc: 2.75 ng/ml



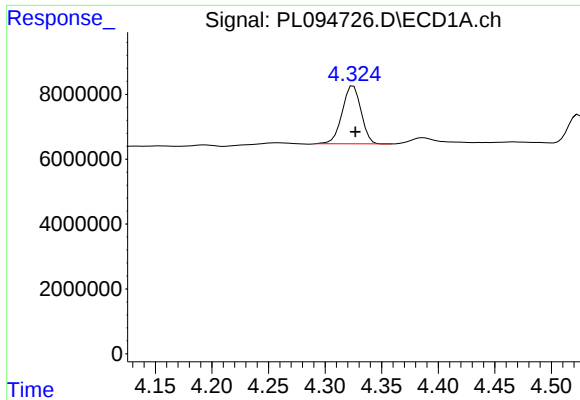
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 20559643
Conc: 4.95 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 23433259
Conc: 4.35 ng/ml



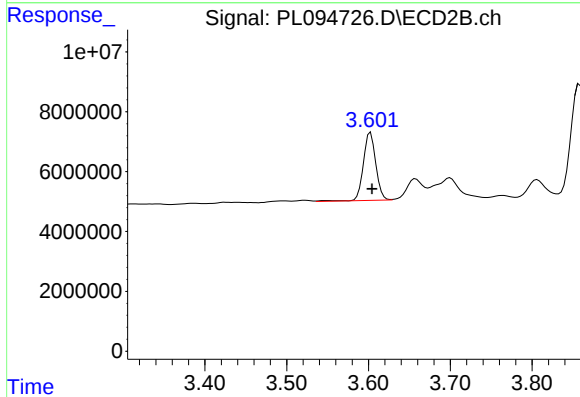
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 20770153
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

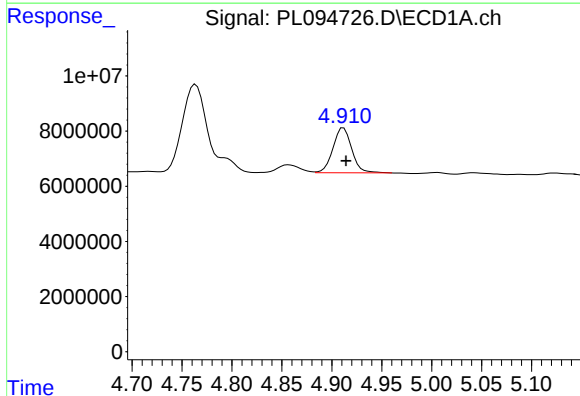
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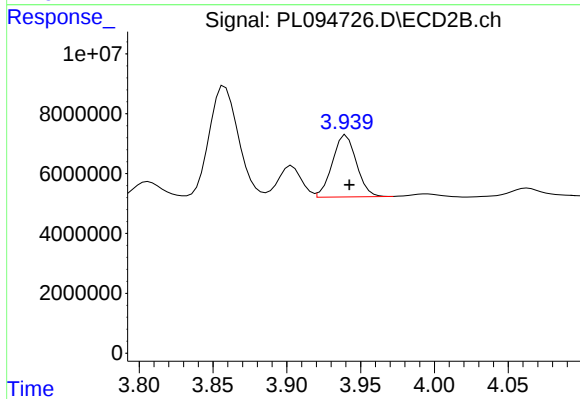
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 24040078
Conc: 4.68 ng/ml



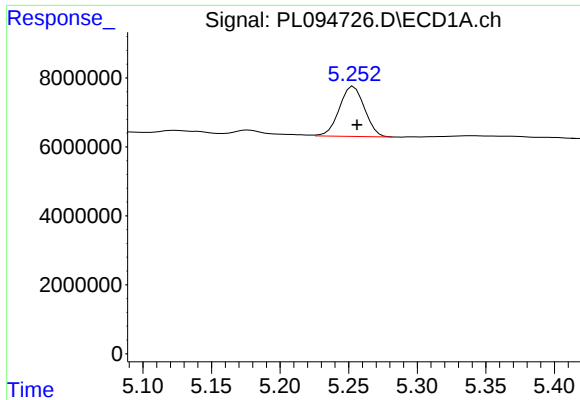
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 21356029
Conc: 5.50 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 23480536
Conc: 4.46 ng/ml



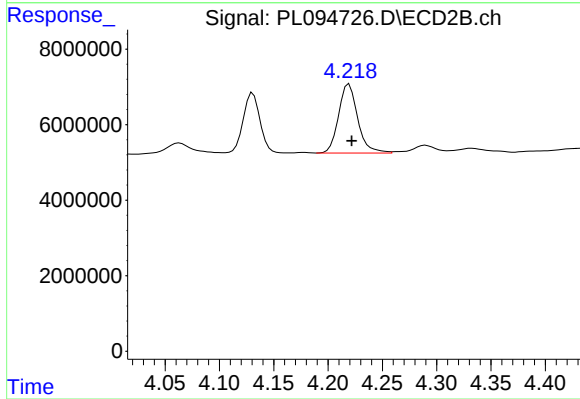
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 18536292
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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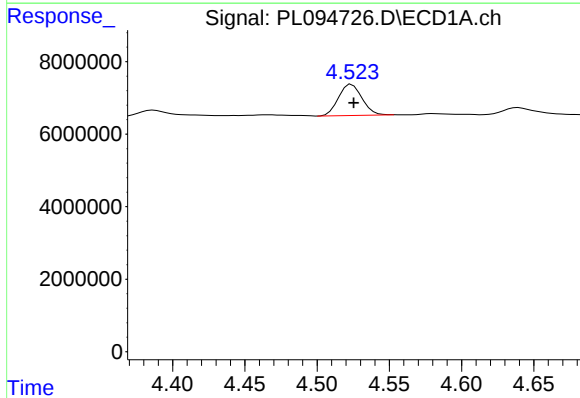
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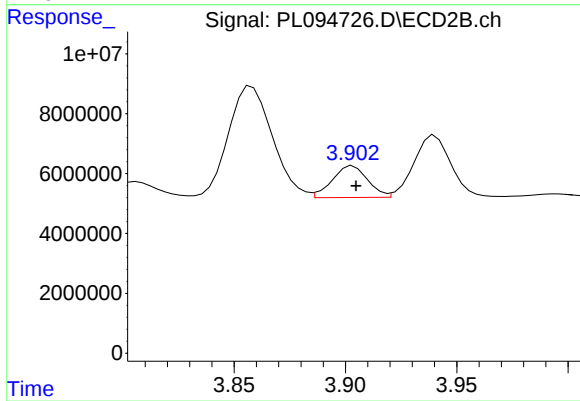
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 22319516
Conc: 4.58 ng/ml m



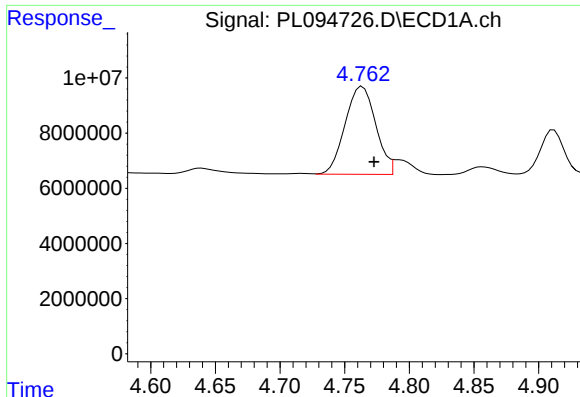
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 9750130
Conc: 5.28 ng/ml m



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 11718208
Conc: 5.28 ng/ml



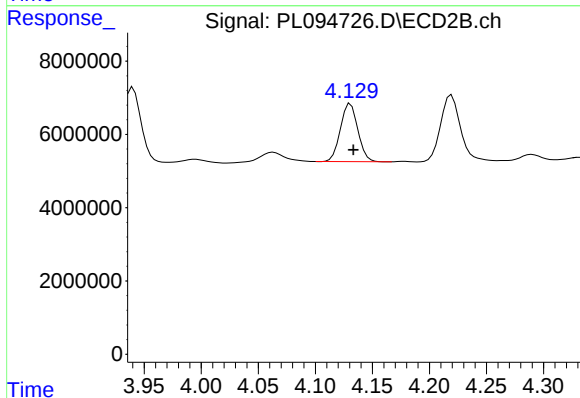
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: -0.010 min
Response: 52798217
Conc: 13.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

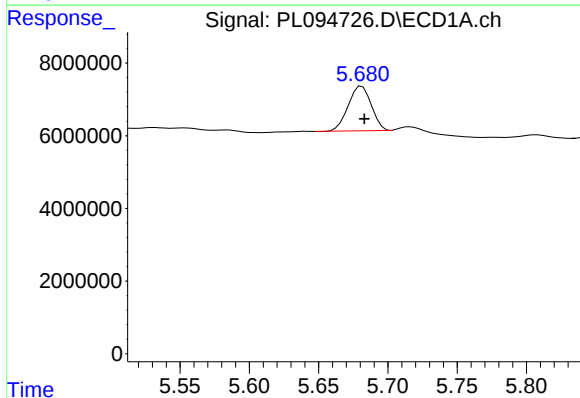
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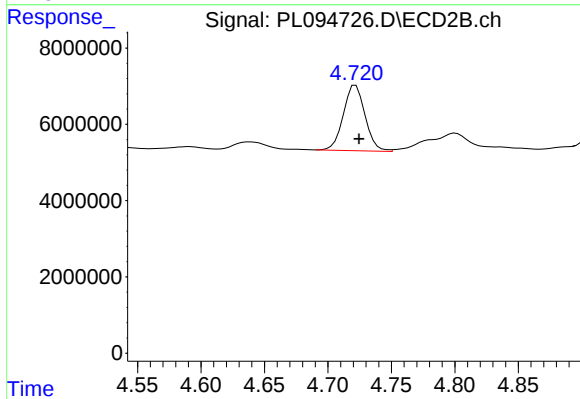
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 16877643
Conc: 3.37 ng/ml



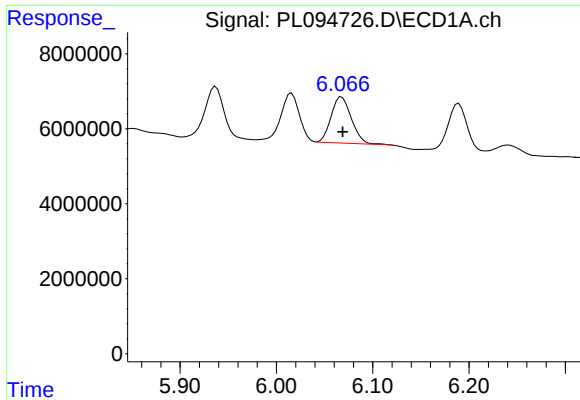
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 14211454
Conc: 4.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 20482976
Conc: 4.47 ng/ml



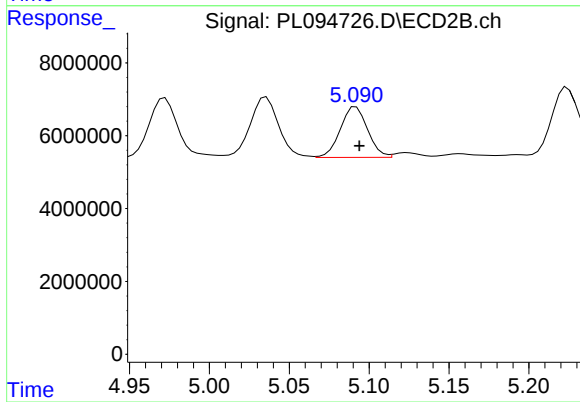
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 17801392
Conc: 5.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

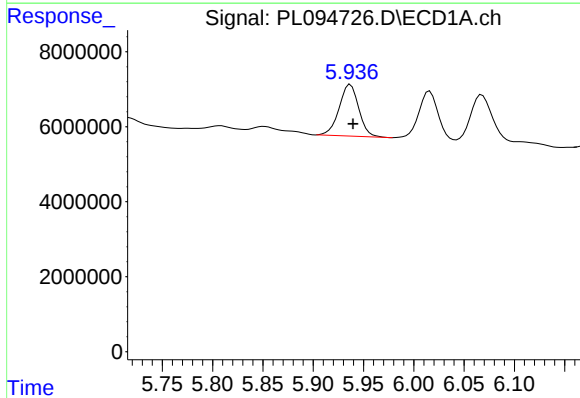
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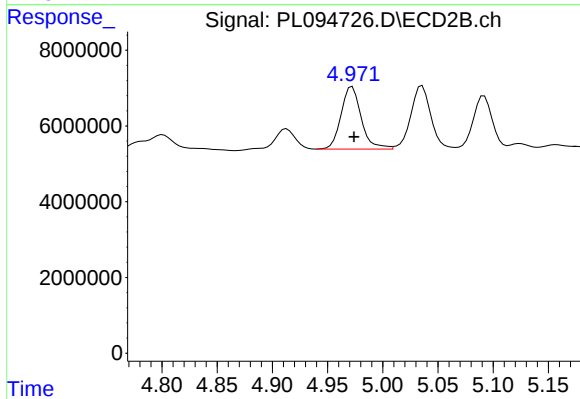
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 16590219
Conc: 3.78 ng/ml m



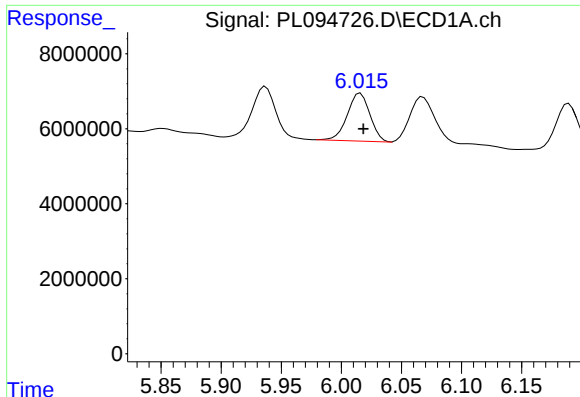
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 18722166
Conc: 5.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 21248100
Conc: 4.40 ng/ml m



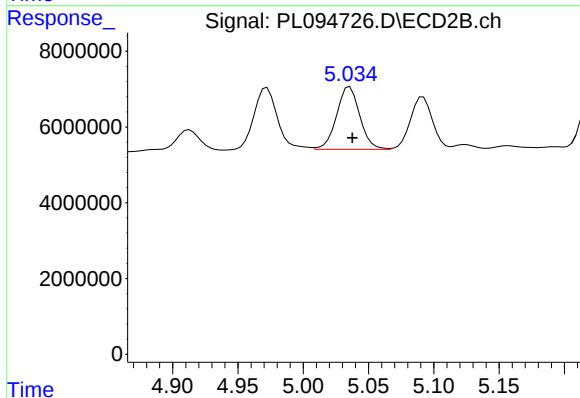
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 16815488
Conc: 5.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

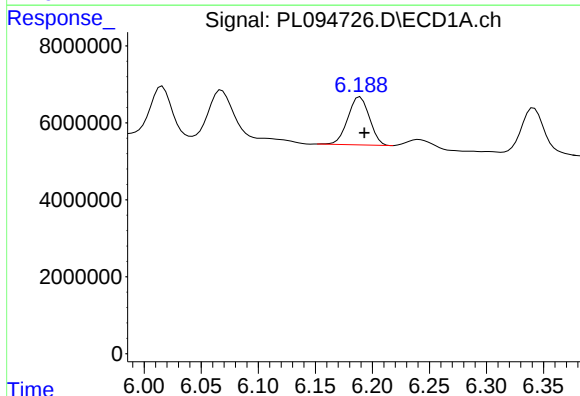
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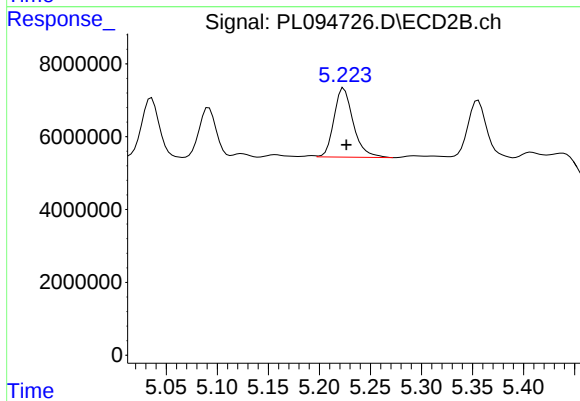
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 20433897
Conc: 4.28 ng/ml m



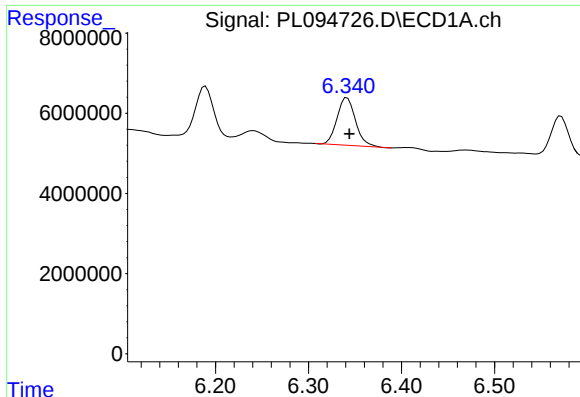
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 16445512
Conc: 5.59 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 24909256
Conc: 5.36 ng/ml m



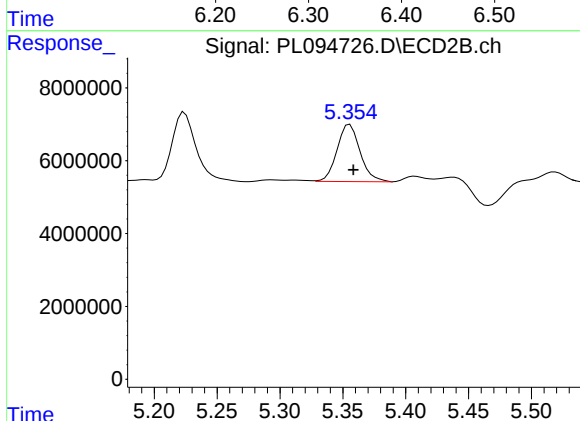
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 16204481
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

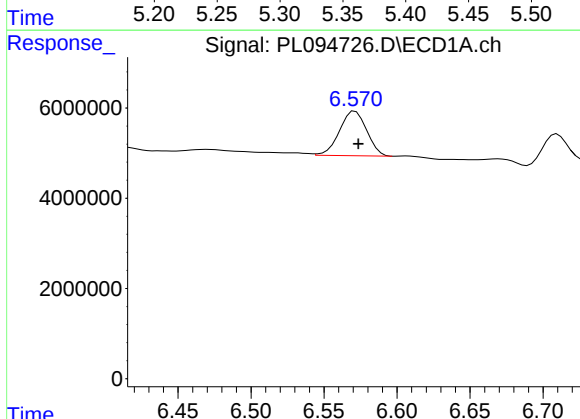
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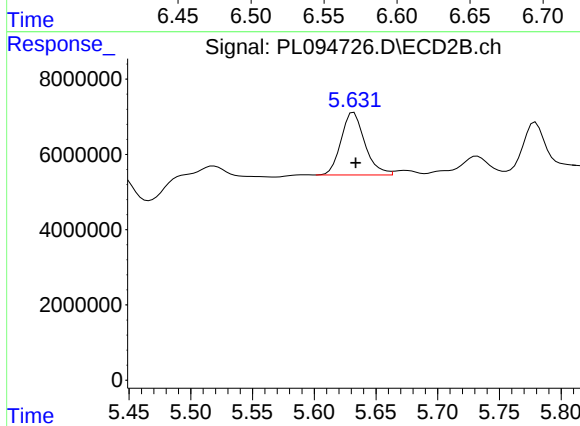
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 20051589
Conc: 4.13 ng/ml m



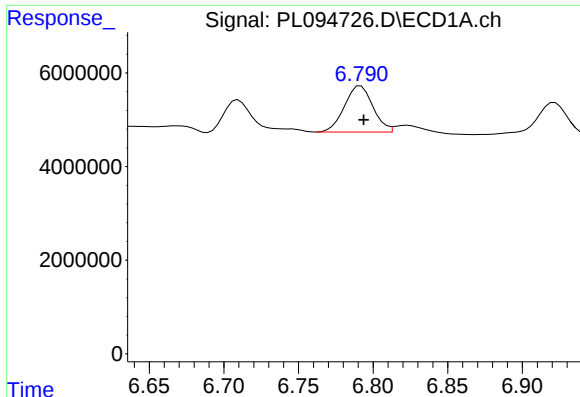
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 12785552
Conc: 4.61 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 22469736
Conc: 5.15 ng/ml m



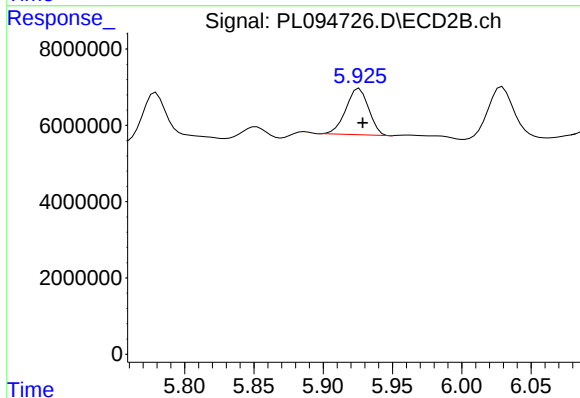
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 13323233
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

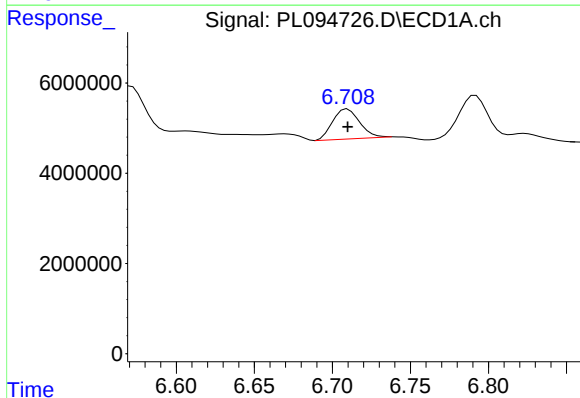
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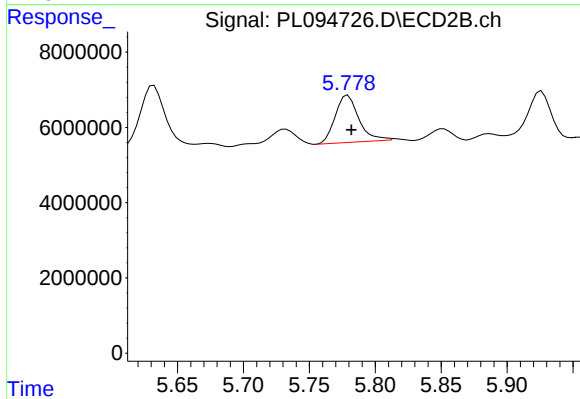
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 13883094
Conc: 3.21 ng/ml



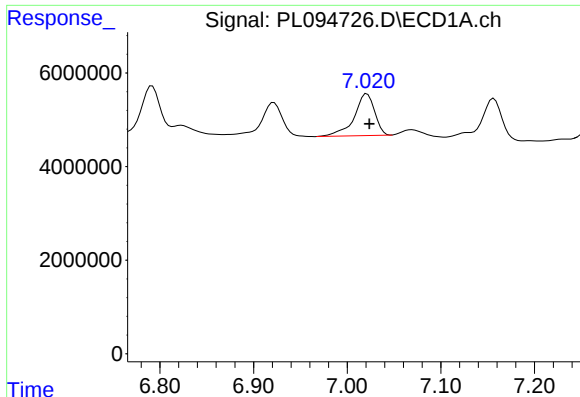
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 8048299
Conc: 3.72 ng/ml m



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 15737965
Conc: 4.38 ng/ml m



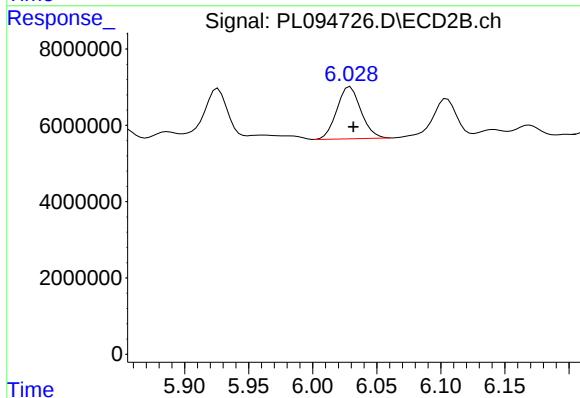
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 13577928
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

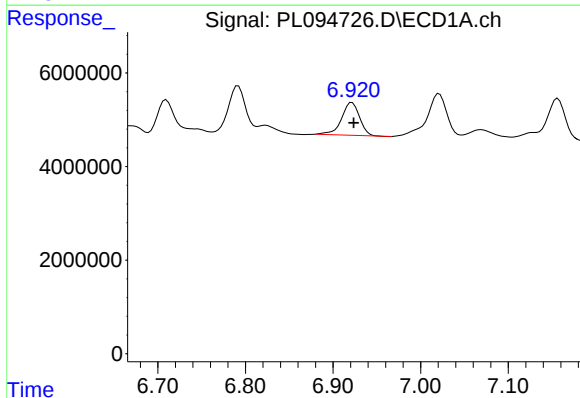
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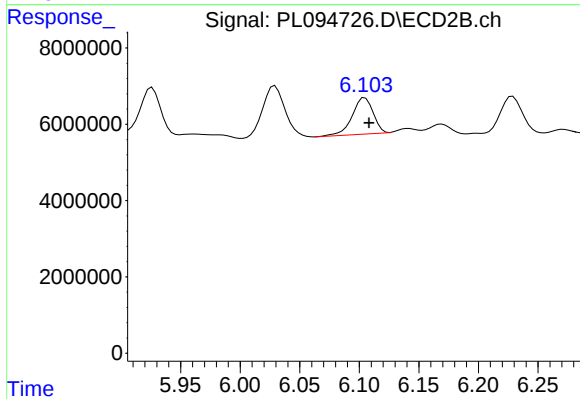
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 17949180
Conc: 4.45 ng/ml m



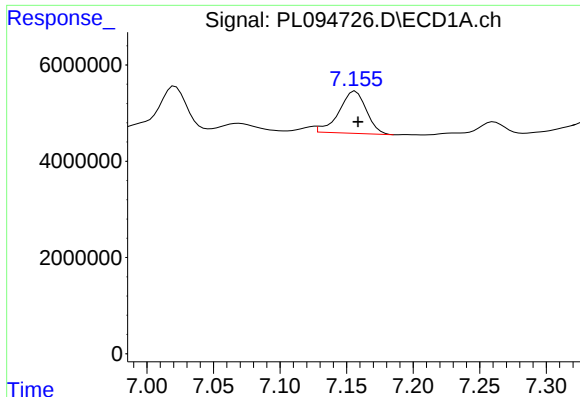
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 10001593
Conc: 4.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 11623143
Conc: 3.45 ng/ml



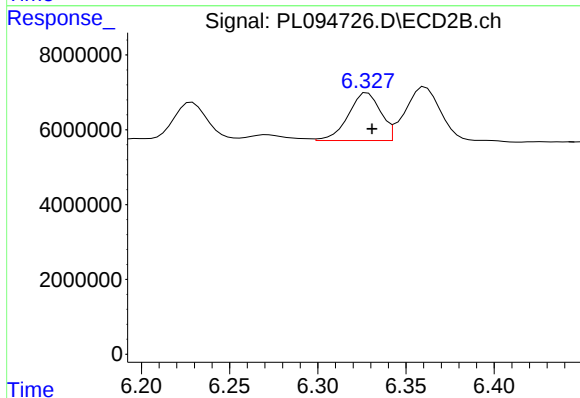
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 12492496
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

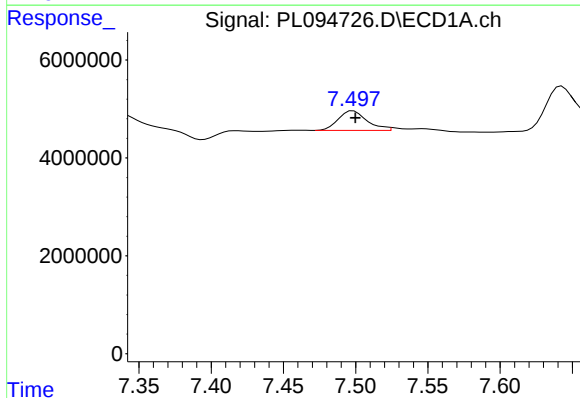
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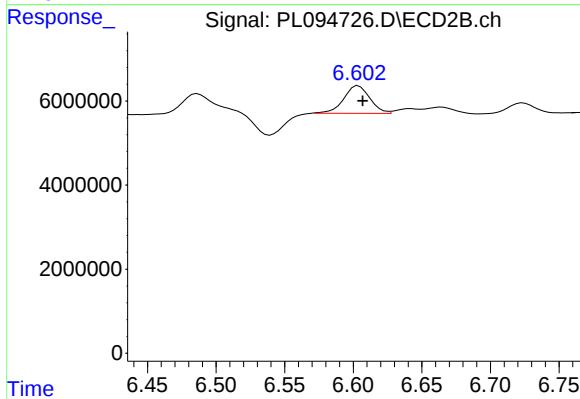
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 17324148
Conc: 4.25 ng/ml m



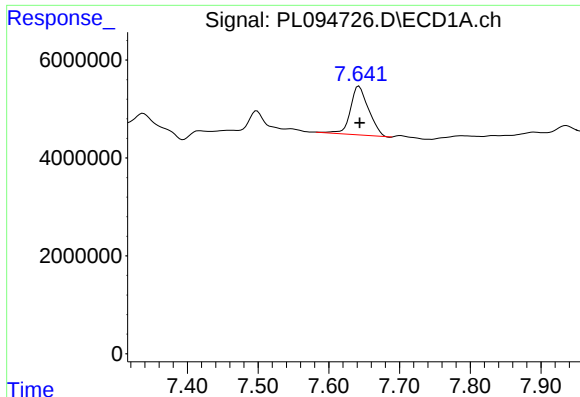
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 5550061
Conc: 4.64 ng/ml m



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.004 min
Response: 8678582
Conc: 4.09 ng/ml m



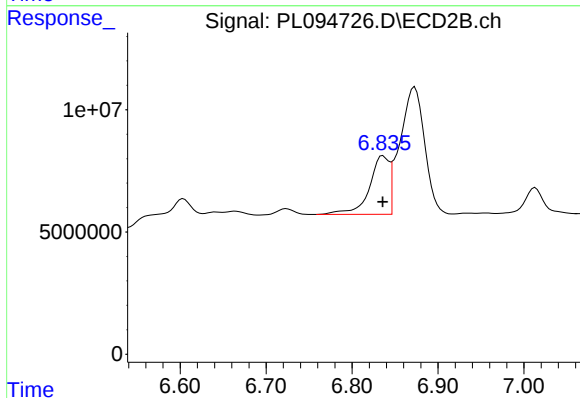
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 17622559
Conc: 6.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

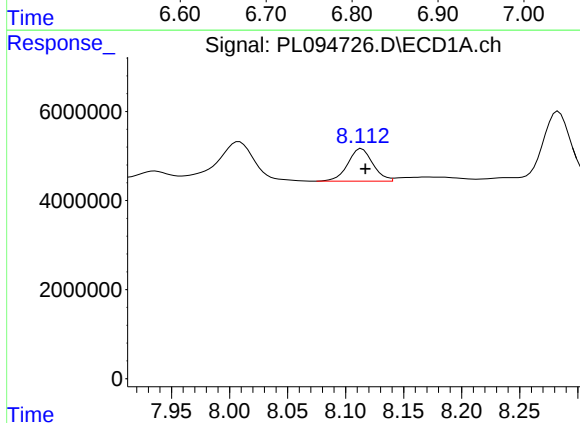
Manual Integrations
APPROVED

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



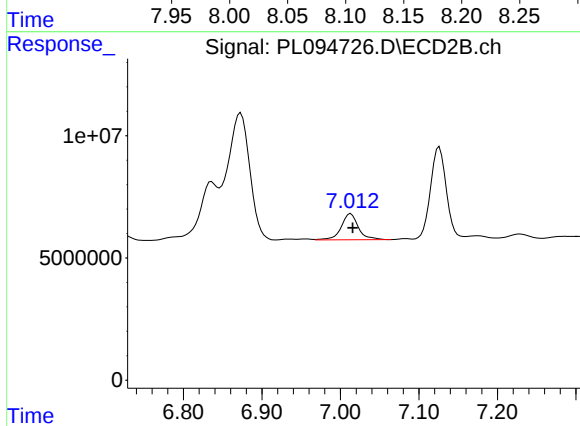
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 38351088
Conc: 8.04 ng/ml



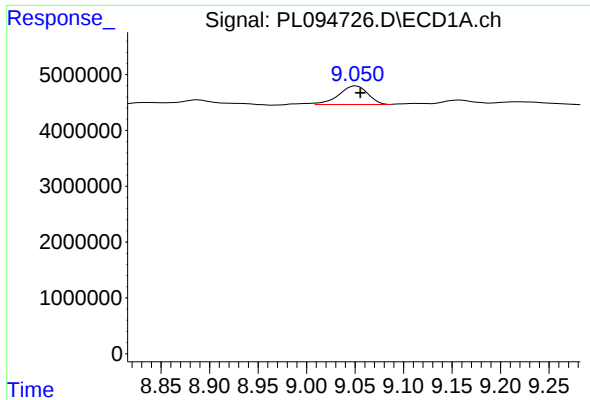
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.004 min
Response: 11030467
Conc: 5.34 ng/ml m



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 16083647
Conc: 4.24 ng/ml



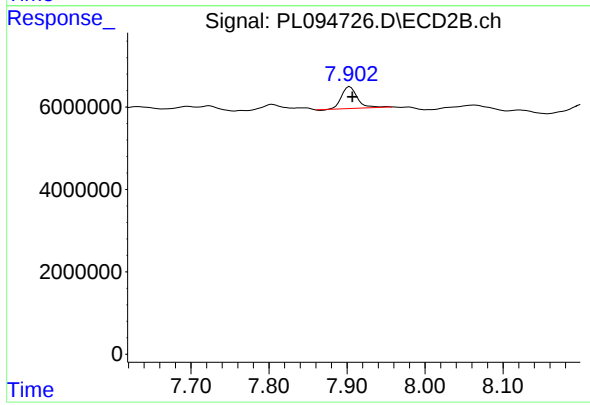
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 6971872
Conc: 3.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OILY-DEBRIS-COMPMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 7361648
Conc: 1.82 ng/ml