

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 12:12
 Operator : AR\AJ
 Sample : 03944-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IDW-S-20230808MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/14/2023
 Supervised By : Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:03:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.477	2.686	43796096	18725951	18.849	17.221
28)	SA Decachlor...	9.028	7.867	31828797	23622839	19.562	18.947
Target Compounds							
2)	A alpha-BHC	3.935	3.190	170.6E6	90494235	51.669	58.607
3)	MA gamma-BHC...	4.269	3.521	158.2E6	80113512	49.596	52.722
4)	MA Heptachlor	4.860	3.862	179.0E6	75477239	53.228m	52.998
5)	MB Aldrin	5.204	4.142	160.6E6	76669884	48.596	52.752
6)	B beta-BHC	4.468	3.821	69987236	31868100	50.101	47.563m
7)	B delta-BHC	4.714	4.051	163.6E6	78100374	50.727	51.442
8)	B Heptachlo...	5.633	4.648	156.0E6	71263321	51.794	53.710
9)	A Endosulfan I	6.020	5.018	134.5E6	67399665	51.098	54.385
10)	B gamma-Chl...	5.891	4.901	143.9E6	75390213	50.251	55.587
11)	B alpha-Chl...	5.971	4.965	140.6E6	73670449	49.799	54.070
12)	B 4,4'-DDE	6.150	5.163	122.1E6	68727820	53.183	55.810
13)	MA Dieldrin	6.297	5.285	130.2E6	72148372	49.255	53.137
14)	MA Endrin	6.526	5.561	112.6E6	66983930	51.610	54.761
15)	B Endosulfa...	6.747	5.859	102.0E6	61930905	48.207	51.327
16)	A 4,4'-DDD	6.669	5.721	88967049	57701829	53.064	55.846
17)	MA 4,4'-DDT	6.985	5.973	100.6E6	64779518	53.672	55.818
18)	B Endrin al...	6.878	6.040	79194630	48990477	46.945	49.398
19)	B Endosulfa...	7.113	6.265	94715511	64756680	47.413	54.454
20)	A Methoxychlor	7.467	6.558	49777992	36389317	51.869	53.038
21)	B Endrin ke...	7.598	6.770	99219356	74771301	49.599	51.823
22)	Mirex	8.073	6.950	81252709	57820243	48.923	50.135

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
Data File : PL084674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 12:12
Operator : AR\AJ
Sample : 03944-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

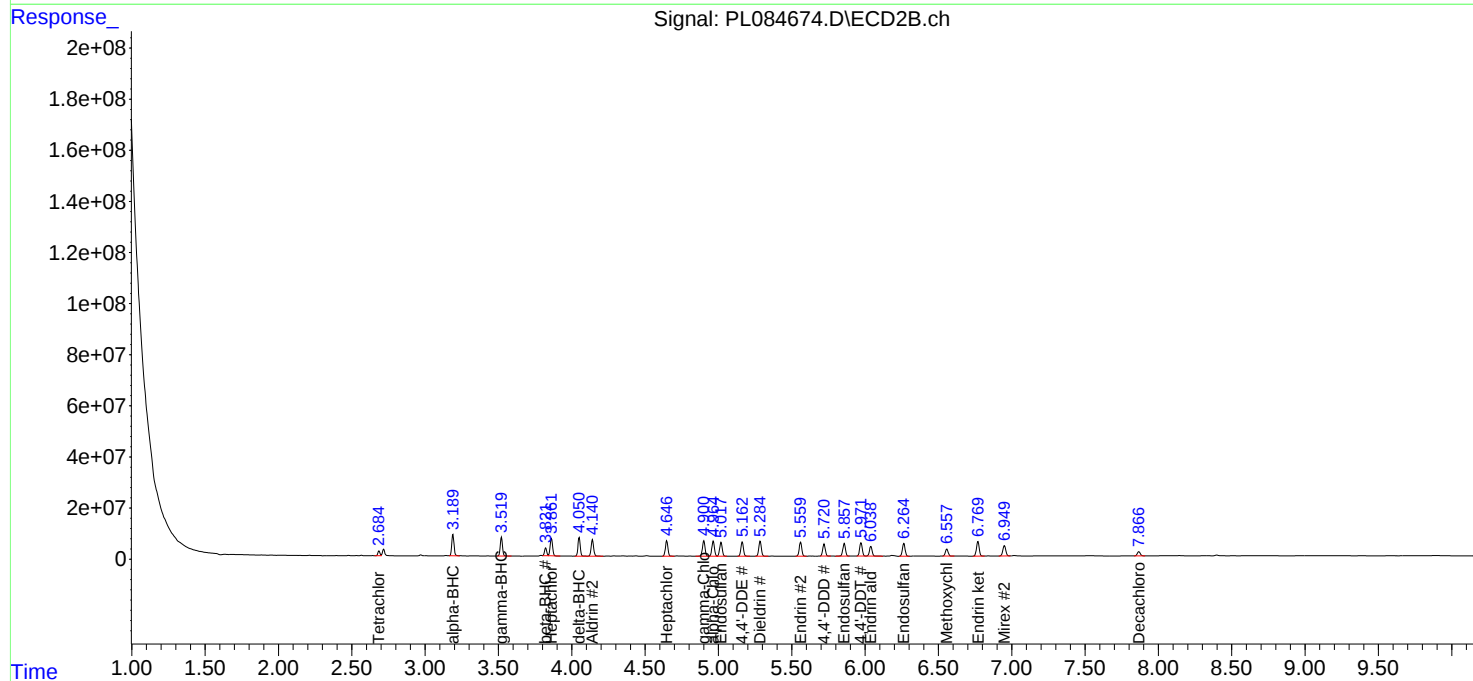
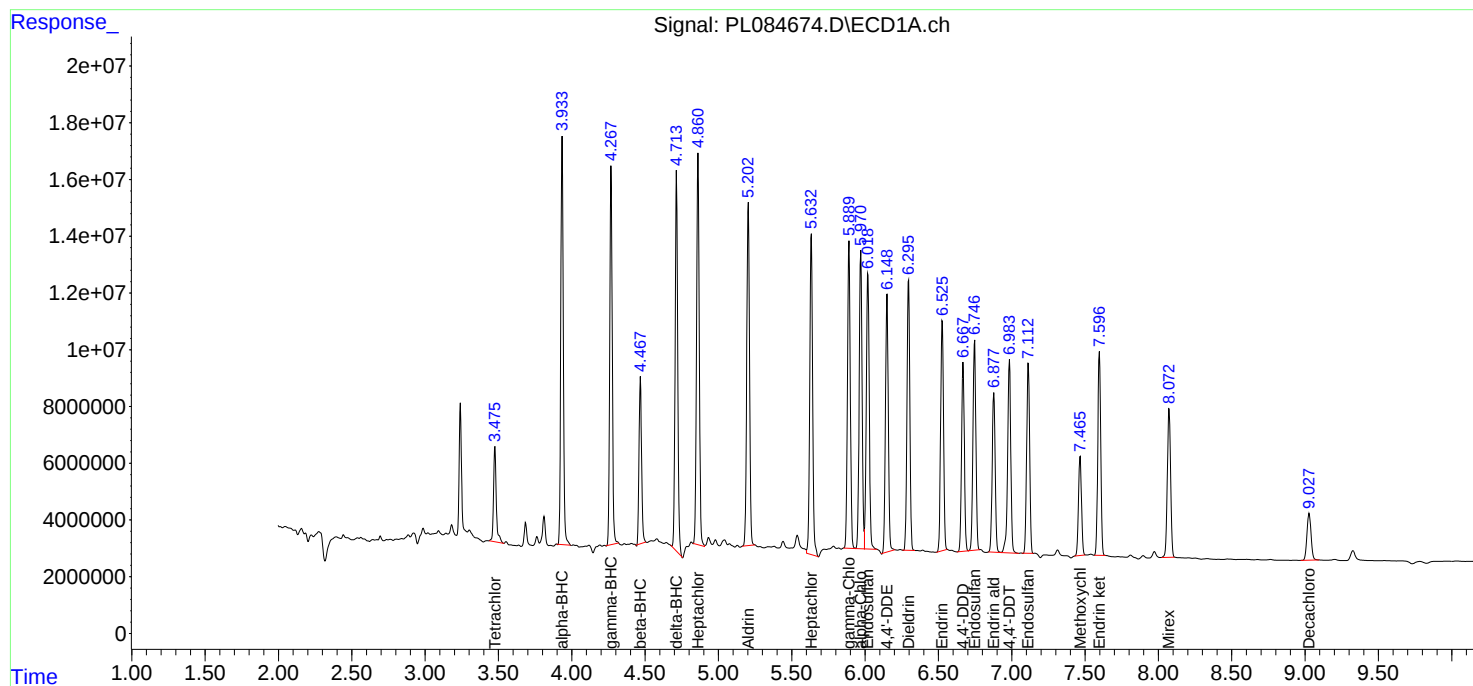
Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

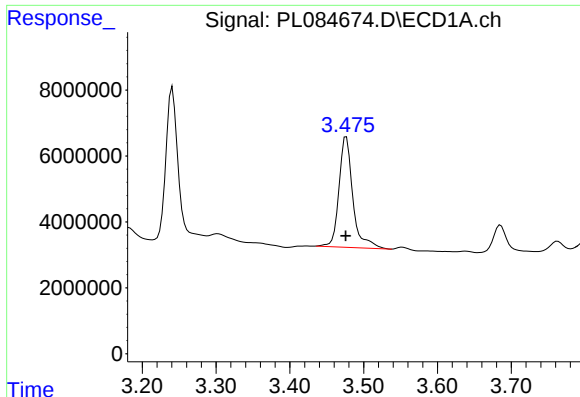
Manual Integrations
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Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:03:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





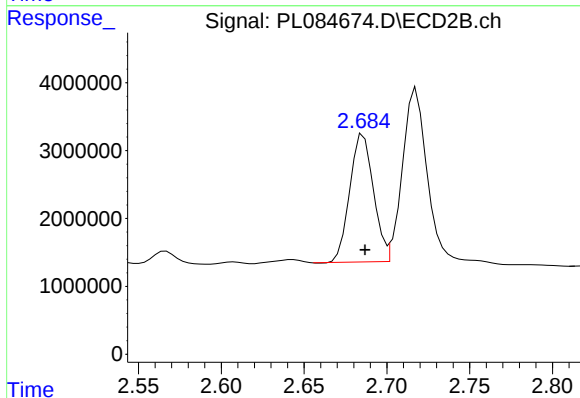
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 43796096
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

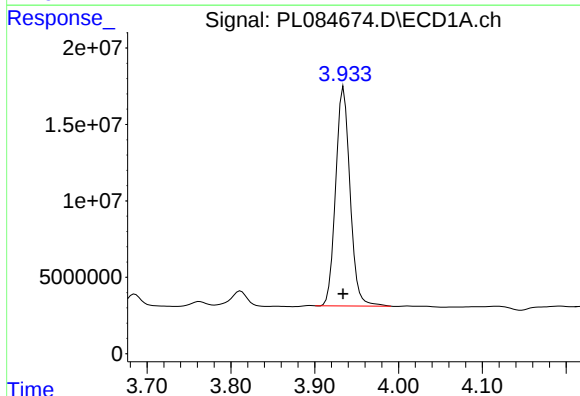
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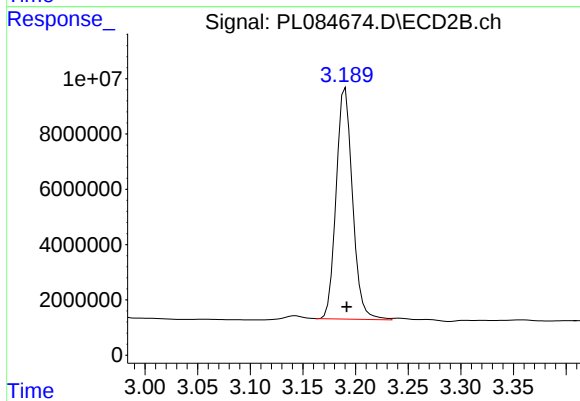
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 18725951
Conc: 17.22 ng/ml



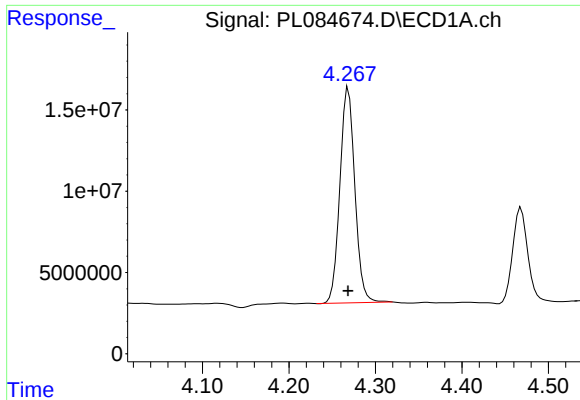
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 170579517
Conc: 51.67 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 90494235
Conc: 58.61 ng/ml



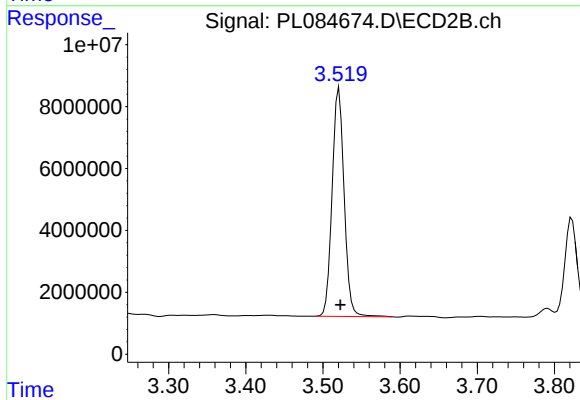
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 158211013
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

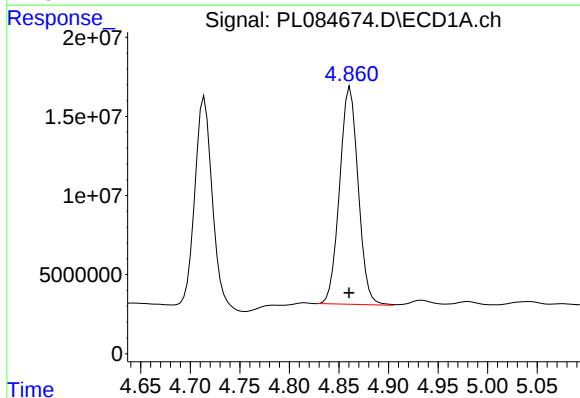
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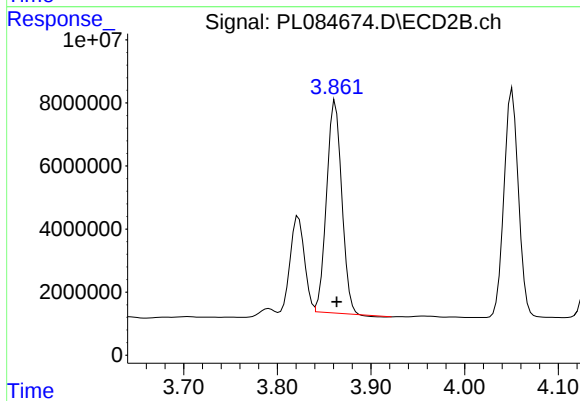
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 80113512
Conc: 52.72 ng/ml



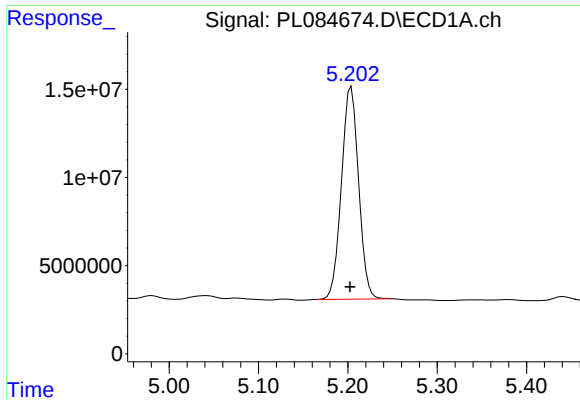
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 178998095
Conc: 53.23 ng/ml m



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: -0.002 min
Response: 75477239
Conc: 53.00 ng/ml



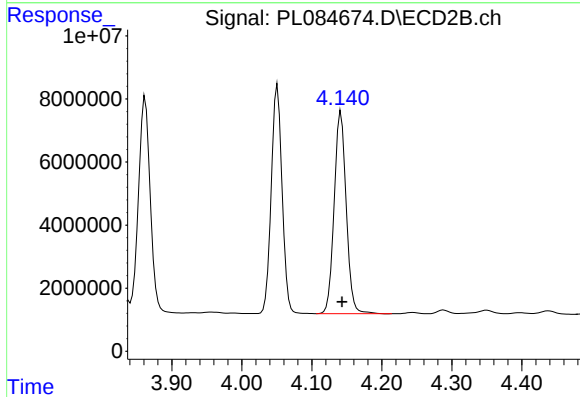
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 160625856
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

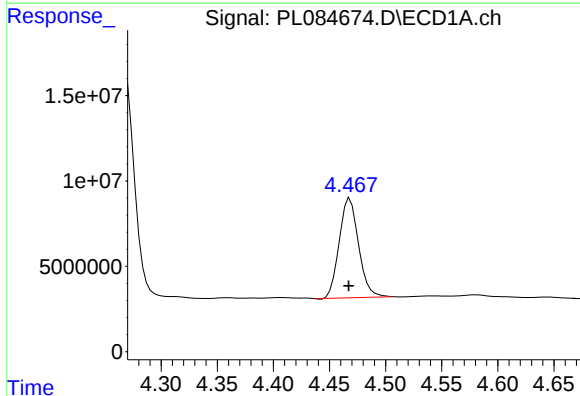
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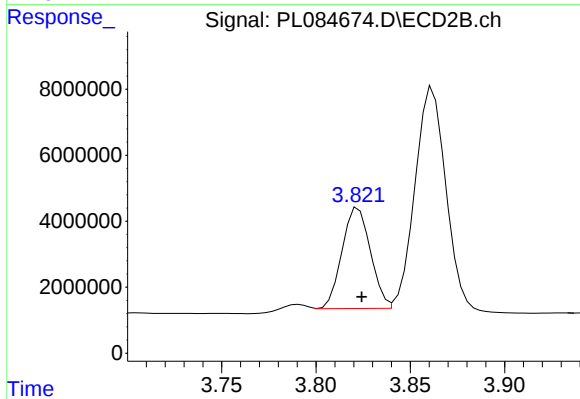
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 76669884
Conc: 52.75 ng/ml



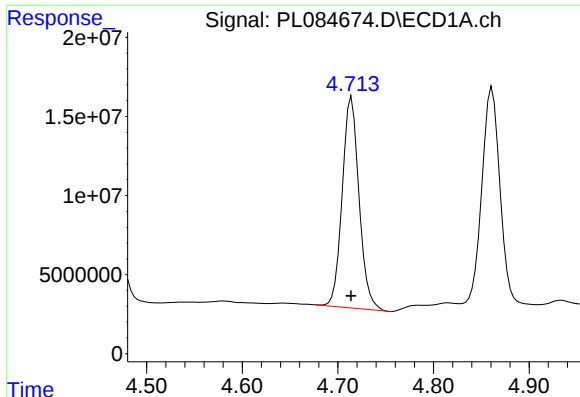
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 69987236
Conc: 50.10 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: -0.003 min
Response: 31868100
Conc: 47.56 ng/ml m



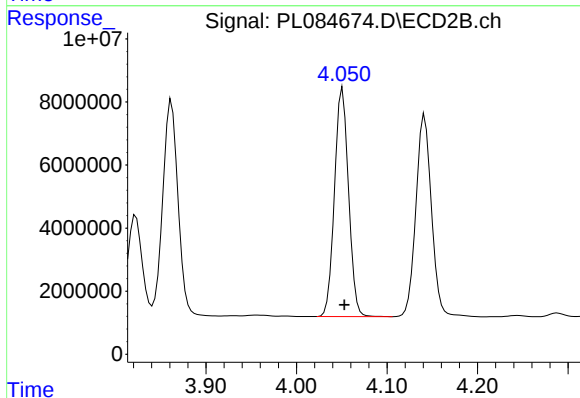
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 163579705
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

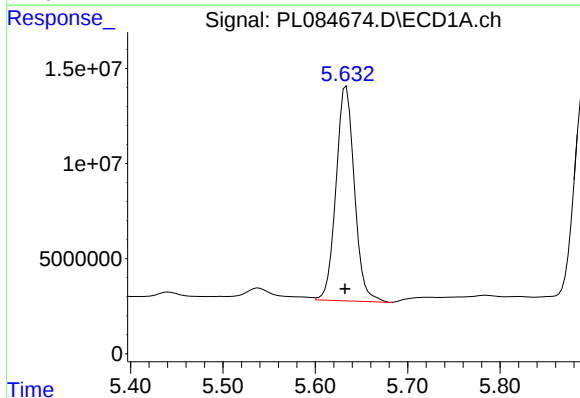
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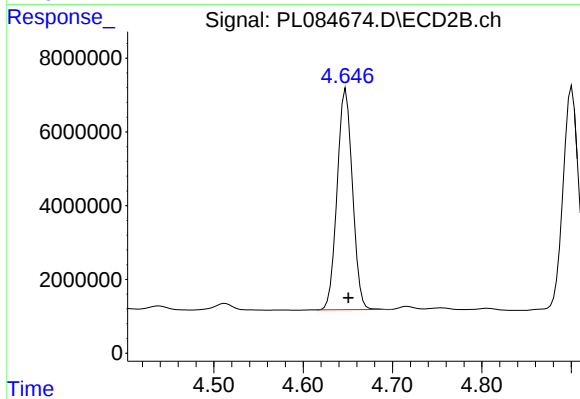
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 78100374
Conc: 51.44 ng/ml



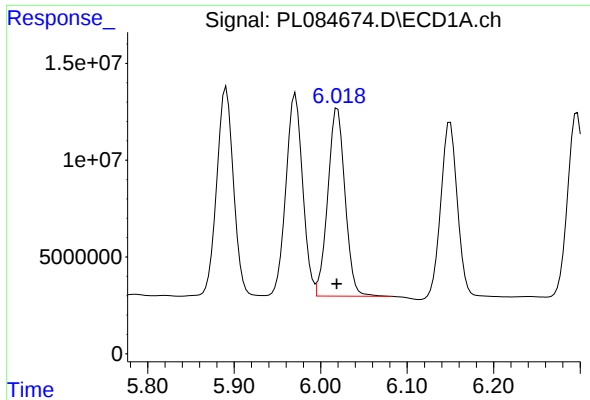
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 156040079
Conc: 51.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 71263321
Conc: 53.71 ng/ml



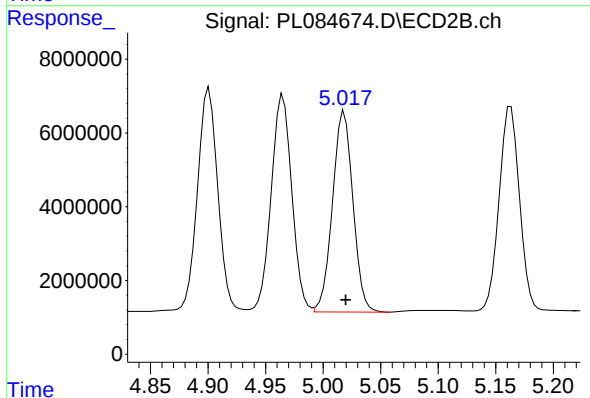
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.001 min
Response: 134502858
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

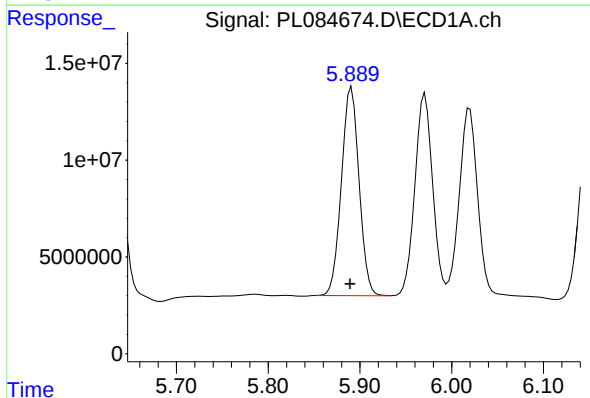
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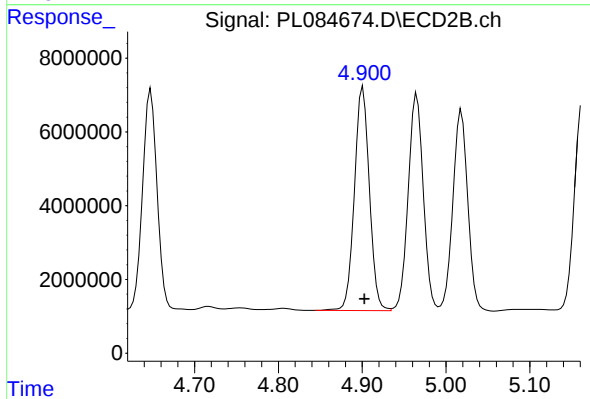
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: -0.001 min
Response: 67399665
Conc: 54.39 ng/ml



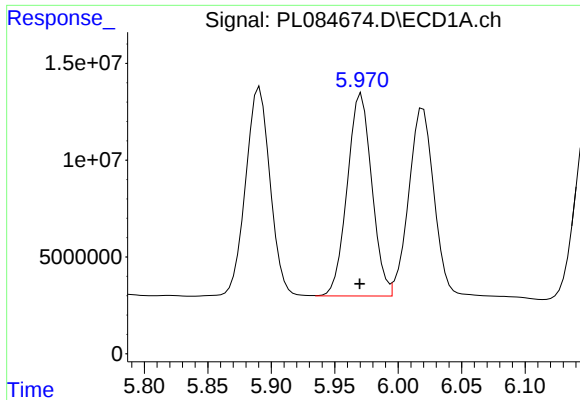
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 143900123
Conc: 50.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 75390213
Conc: 55.59 ng/ml



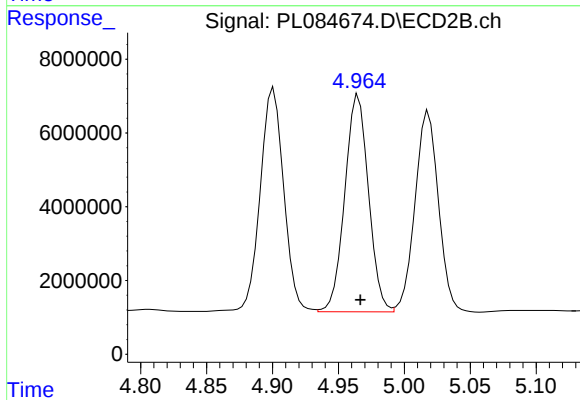
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.001 min
Response: 140592133
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

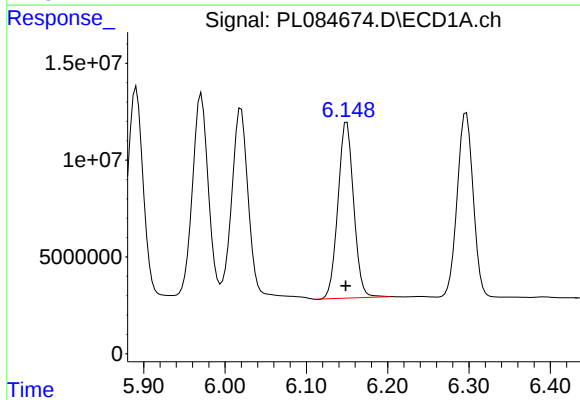
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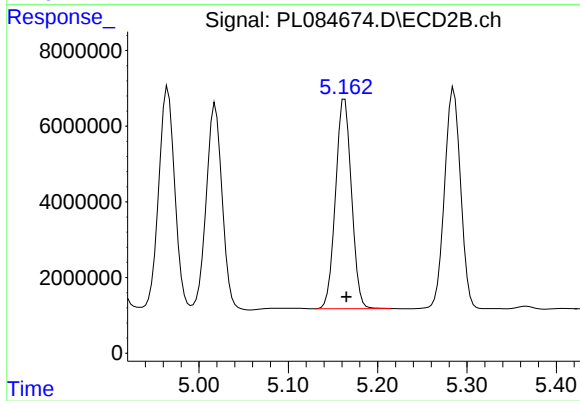
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 73670449
Conc: 54.07 ng/ml



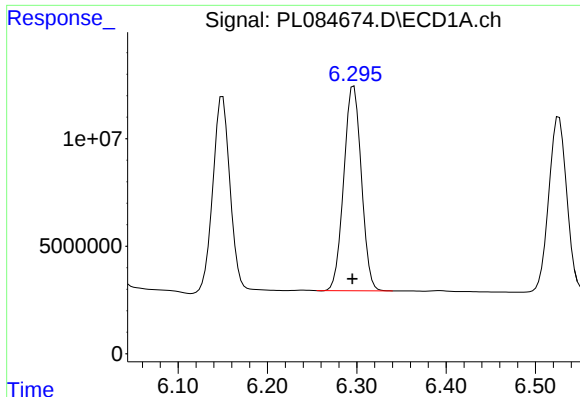
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 122070042
Conc: 53.18 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 68727820
Conc: 55.81 ng/ml



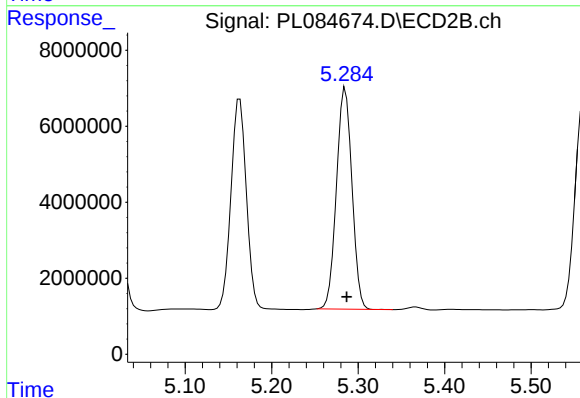
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 130161348
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

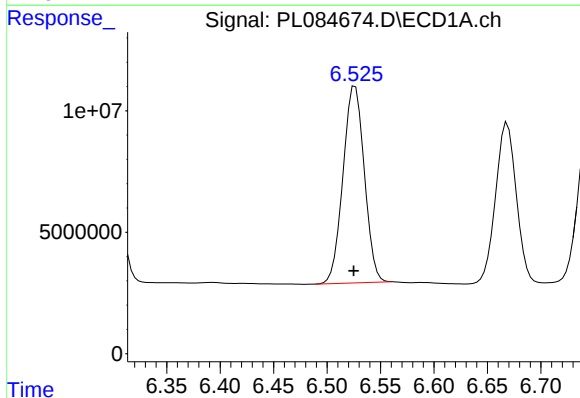
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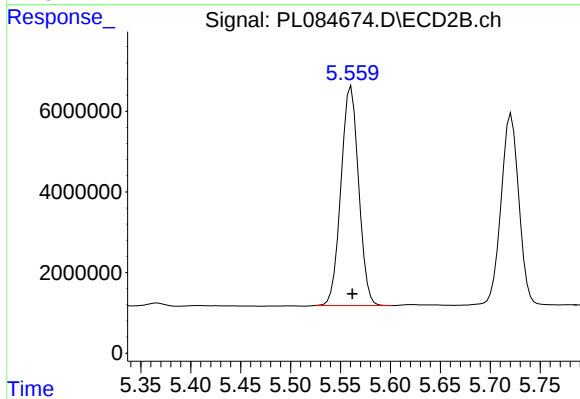
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 72148372
Conc: 53.14 ng/ml



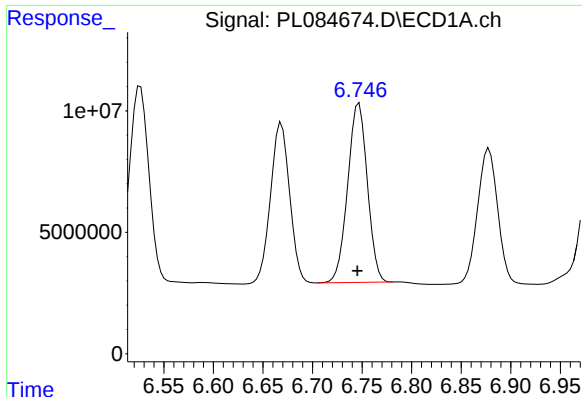
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 112560572
Conc: 51.61 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 66983930
Conc: 54.76 ng/ml



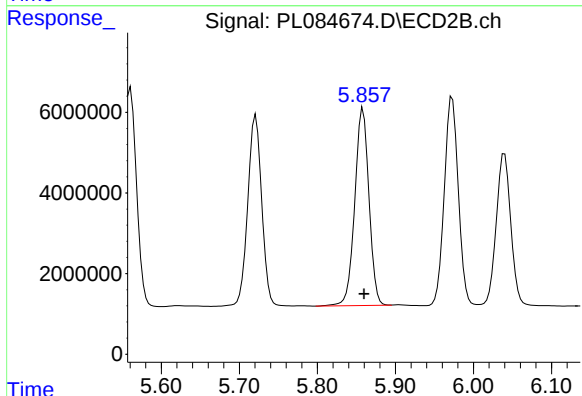
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 101958461
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

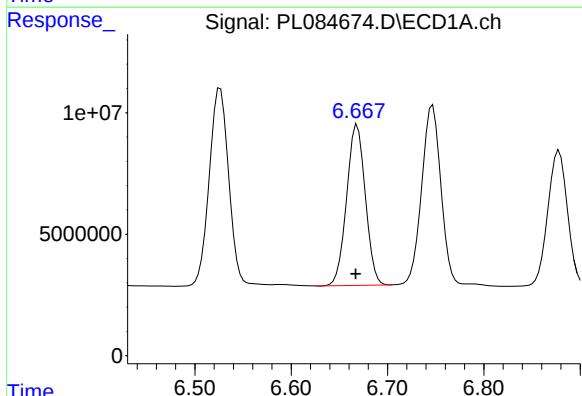
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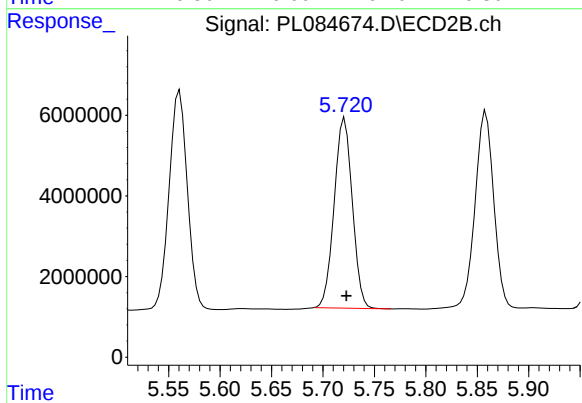
#15 Endosulfan II

R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 61930905
Conc: 51.33 ng/ml



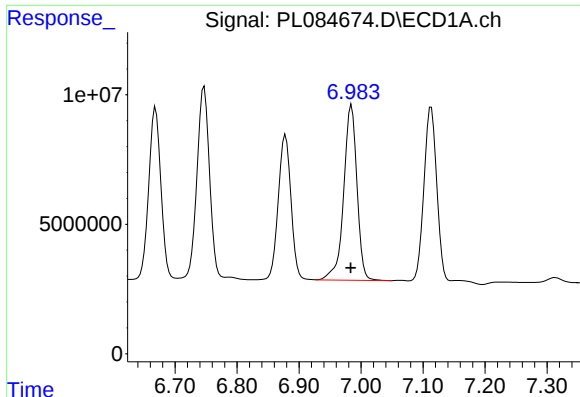
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 88967049
Conc: 53.06 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 57701829
Conc: 55.85 ng/ml



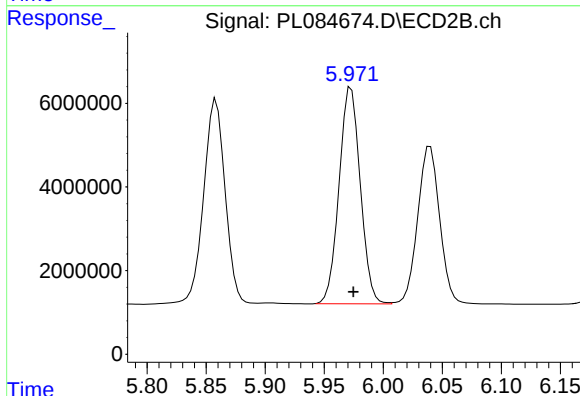
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 100565958
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

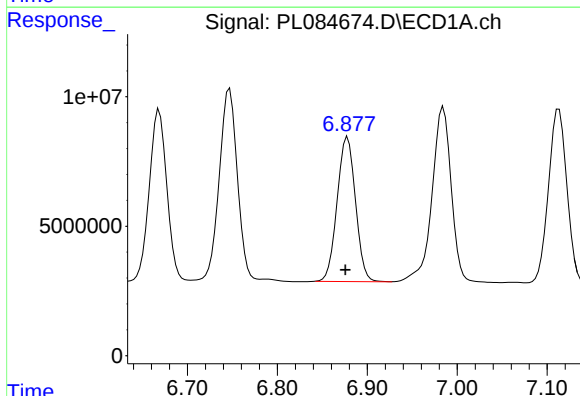
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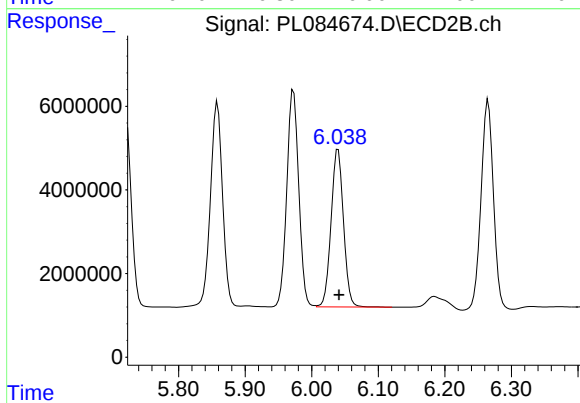
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 64779518
Conc: 55.82 ng/ml



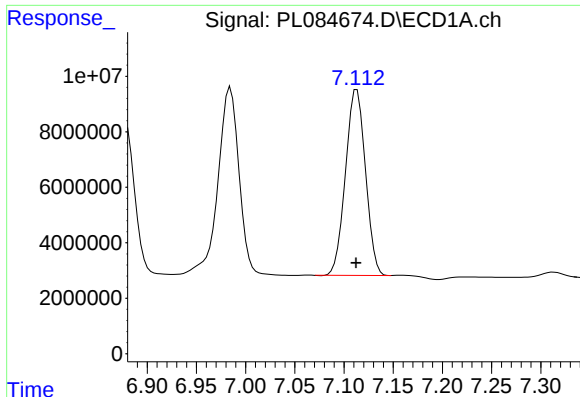
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 79194630
Conc: 46.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 48990477
Conc: 49.40 ng/ml



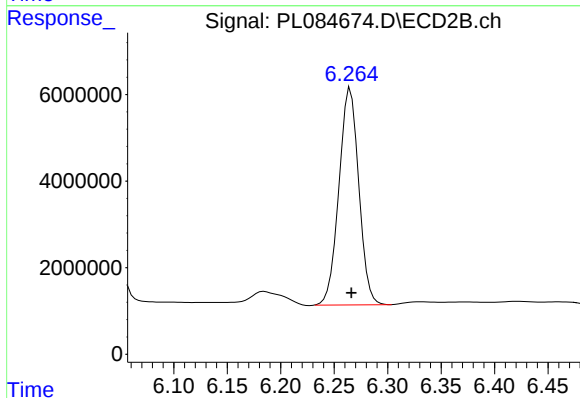
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 94715511
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

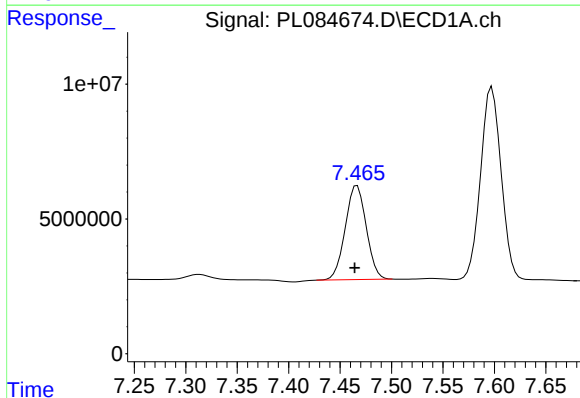
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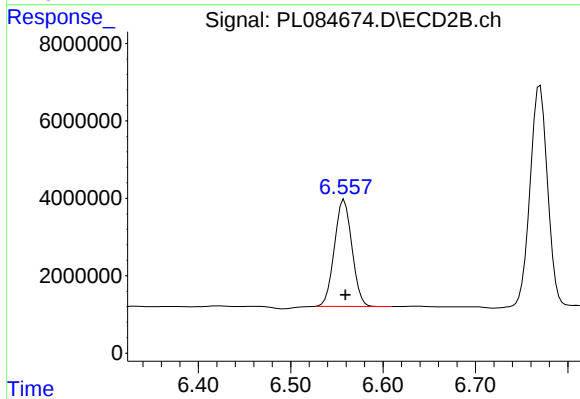
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 64756680
Conc: 54.45 ng/ml



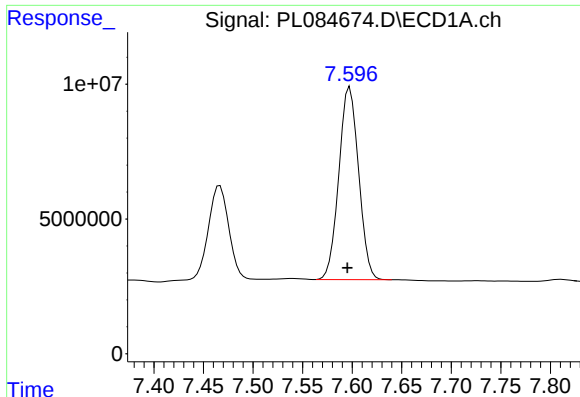
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 49777992
Conc: 51.87 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 36389317
Conc: 53.04 ng/ml



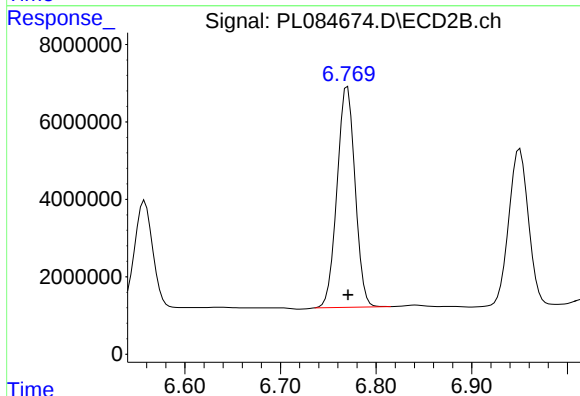
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 99219356
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

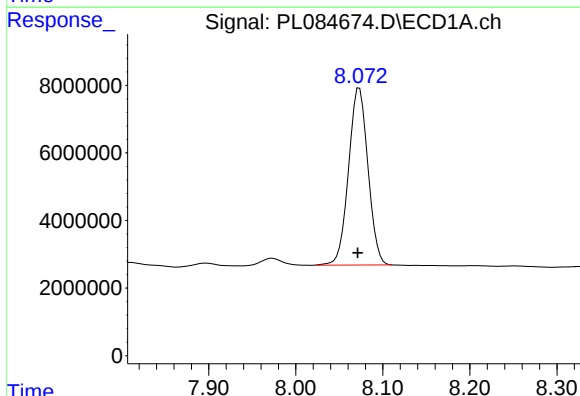
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/14/2023
Supervised By :Ankita Jodhani 08/14/2023



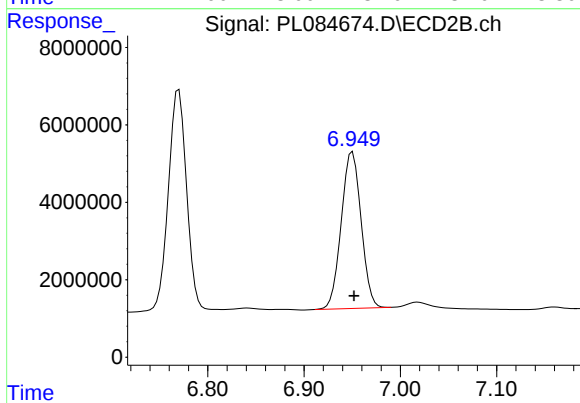
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 74771301
Conc: 51.82 ng/ml



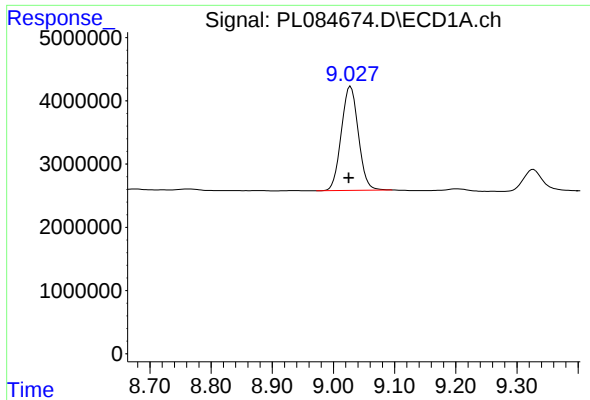
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.002 min
Response: 81252709
Conc: 48.92 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 57820243
Conc: 50.14 ng/ml



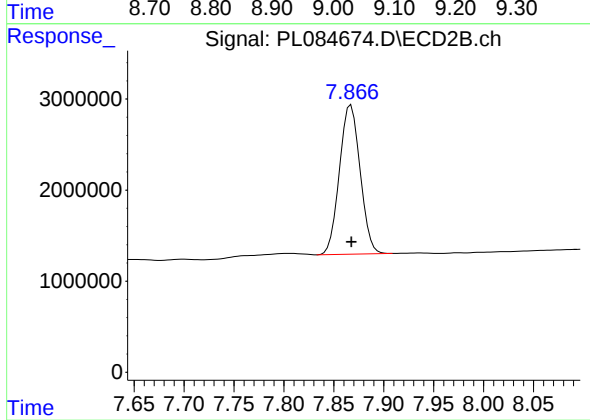
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 31828797
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
IDW-S-20230808MS

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 23622839
Conc: 18.95 ng/ml