

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 17:41
 Operator : AR\AJ
 Sample : 02719-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-04_0-2_20230509MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:21:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.317	2.641	40327175	35886039	15.097m	15.490
28) SA Decachlor...	8.735	7.748	18903926	37799128	9.902	16.560m#
Target Compounds						
2) A alpha-BHC	3.768	3.139	177.1E6	154.6E6	44.507	45.425
3) MA gamma-BHC...	4.094	3.466	177.7E6	159.0E6	47.527m	49.442
4) MA Heptachlor	4.673	3.797	159.6E6	151.6E6	43.690m	44.281
5) MB Aldrin	5.011	4.074	162.0E6	148.3E6	49.121	47.079
6) B beta-BHC	4.300	3.766	74553226	60164695	43.713	44.096
7) B delta-BHC	4.541	3.992	164.1E6	142.7E6	45.612	46.521
8) B Heptachlo...	5.437	4.575	145.7E6	129.8E6	47.772	45.068
9) A Endosulfan I	5.818	4.942	124.9E6	106.0E6	45.053	39.717
10) B gamma-Chl...	5.690	4.824	198.4E6	199.6E6	65.975m	68.800
11) B alpha-Chl...	5.770	4.886	204.9E6	181.3E6	68.663	62.449
12) B 4,4'-DDE	5.949	5.077	301.1E6	318.9E6	118.430	138.706
13) MA Dieldrin	6.093	5.206	325.5E6	326.2E6	117.987	120.785
14) MA Endrin	6.319	5.485	98594052	215.5E6	40.665	88.087 #
15) B Endosulfa...	6.542	5.777	93886221	122.7E6	38.564	54.430 #
16) A 4,4'-DDD	6.464	5.632	114.9E6	107.1E6	56.675	57.260
17) MA 4,4'-DDT	6.775	5.880	730.0E6	744.6E6	319.087	352.464
18) B Endrin al...	6.670	5.957	90270969	100.1E6	47.910m	53.499
19) B Endosulfa...	6.905	6.179	123.4E6	114.2E6	52.048	48.514
20) A Methoxychlor	7.256	6.458	43962147	49998339	36.025	41.258
21) B Endrin ke...	7.384	6.683	106.8E6	116.1E6	44.597	45.753
22) Mirex	7.849	6.854	81908598	111.4E6	41.869	48.362m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 17:41
Operator : AR\AJ
Sample : 02719-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

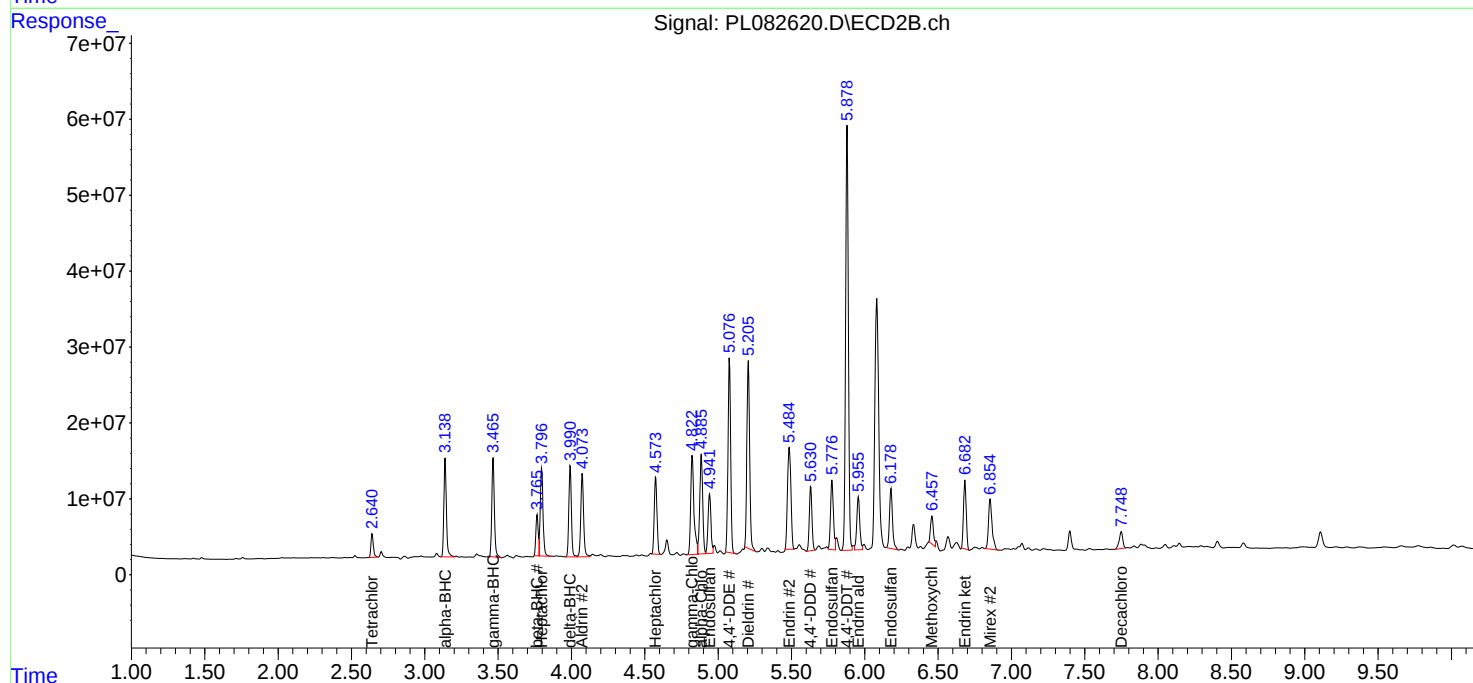
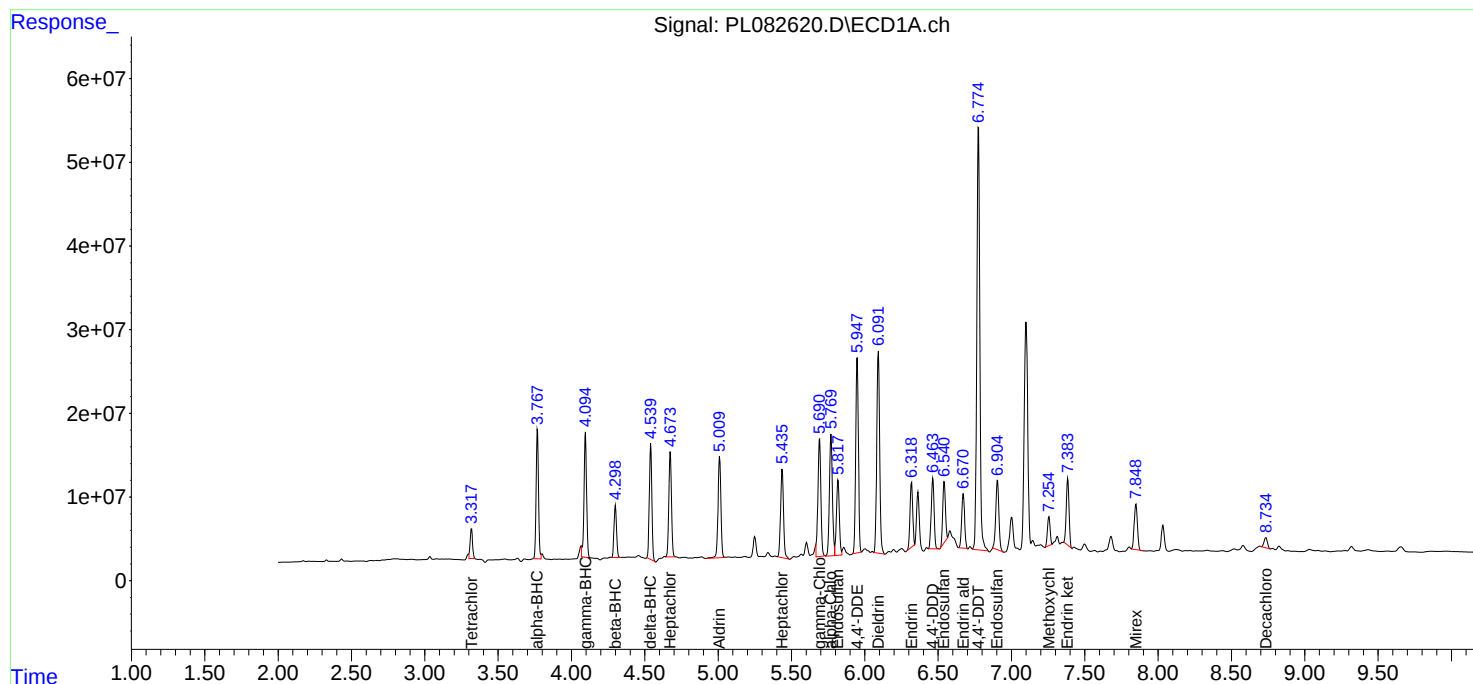
Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

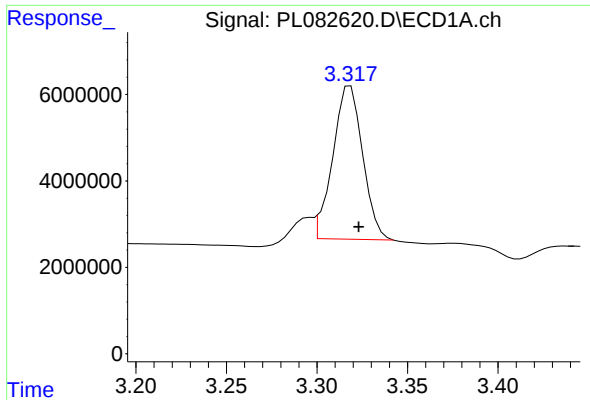
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Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:21:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





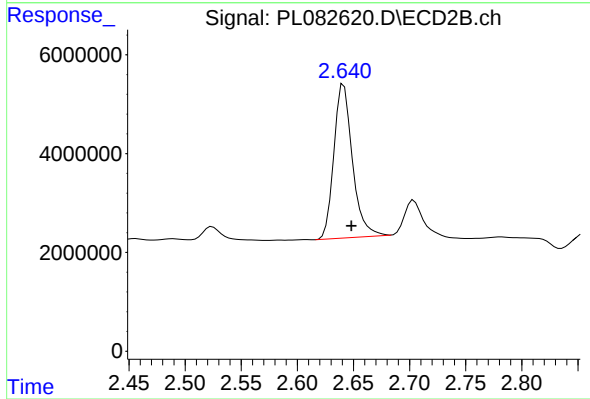
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 40327175
Conc: 15.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

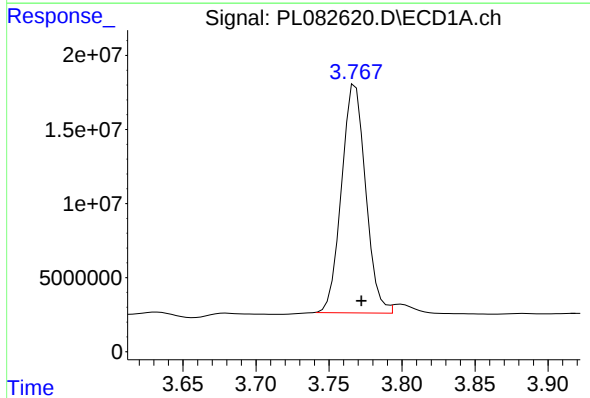
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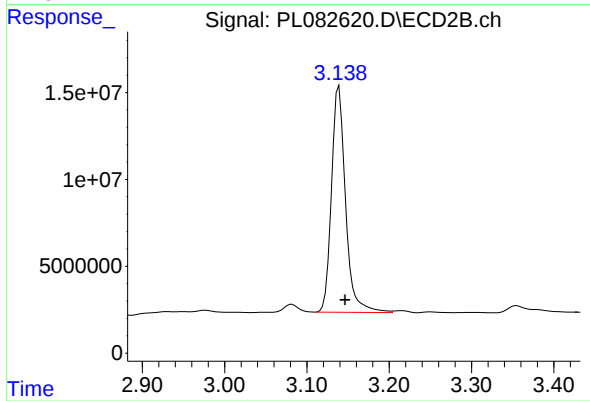
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 35886039
Conc: 15.49 ng/ml



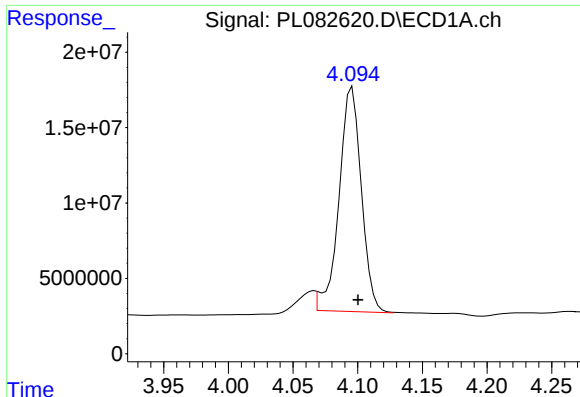
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 177147188
Conc: 44.51 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 154604134
Conc: 45.43 ng/ml



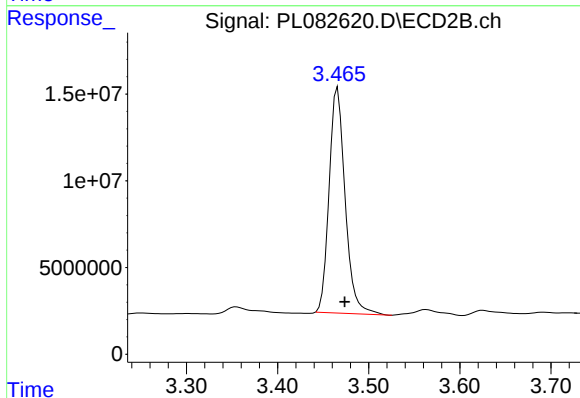
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.006 min
Response: 177701553
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

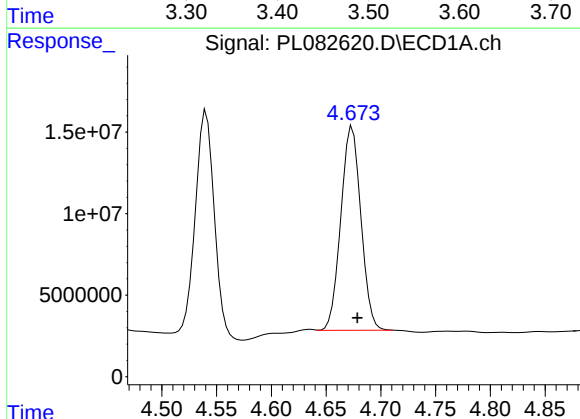
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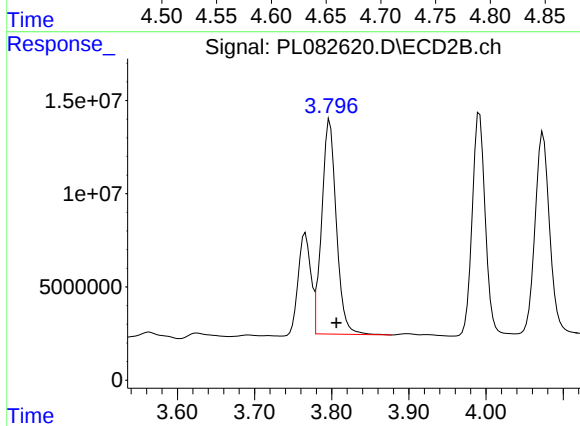
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 158970334
Conc: 49.44 ng/ml



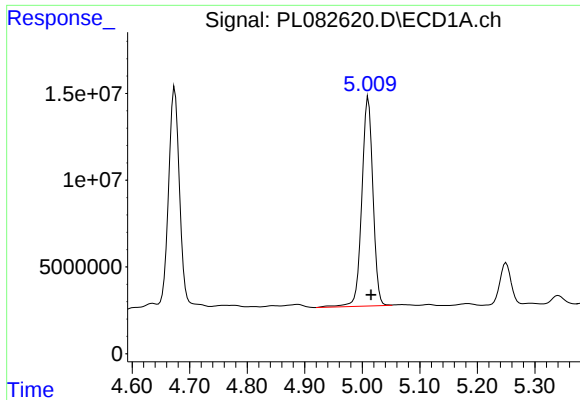
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.006 min
Response: 159640787
Conc: 43.69 ng/ml m



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: -0.008 min
Response: 151583929
Conc: 44.28 ng/ml



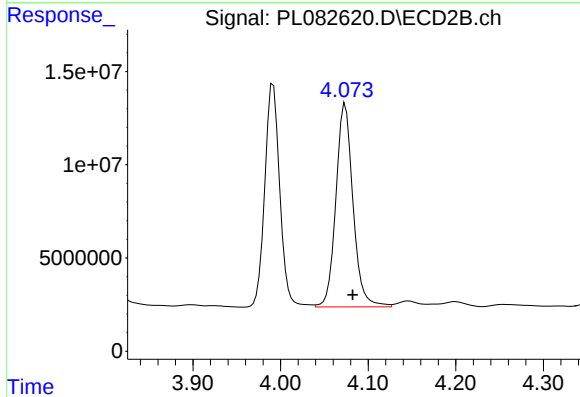
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 161982139
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

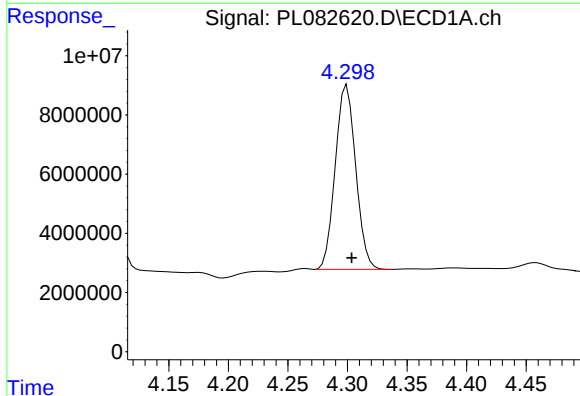
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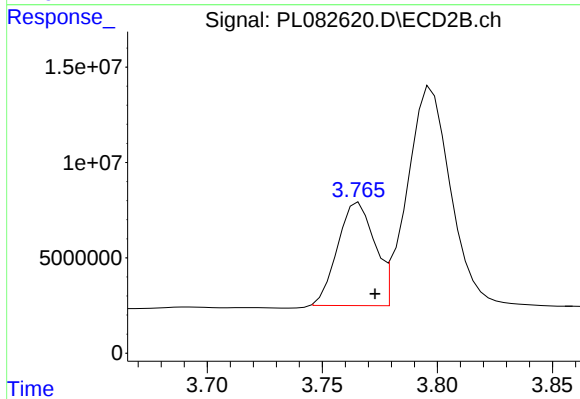
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 148292464
Conc: 47.08 ng/ml



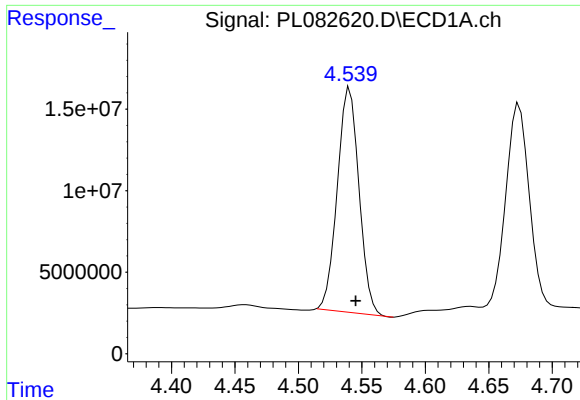
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 74553226
Conc: 43.71 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 60164695
Conc: 44.10 ng/ml



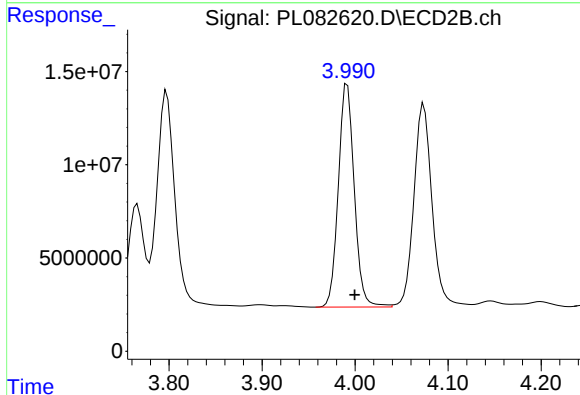
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.005 min
Response: 164103647
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

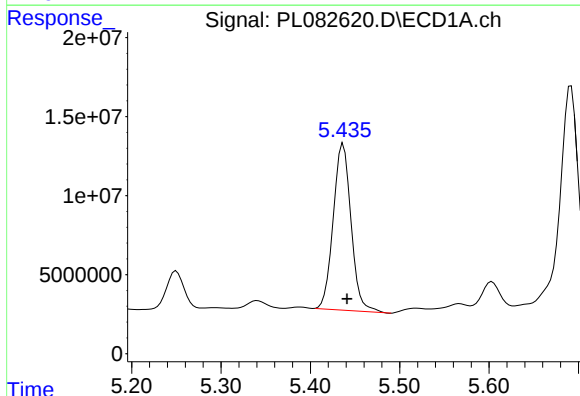
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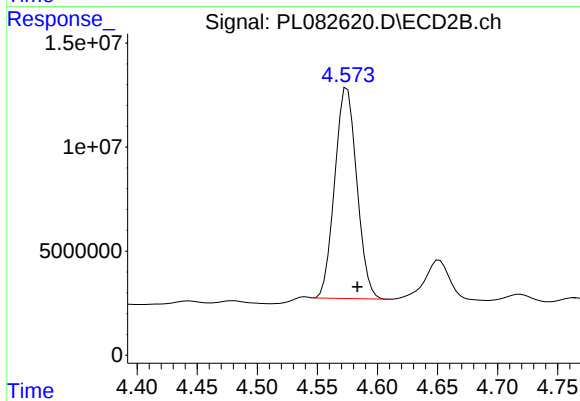
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.008 min
Response: 142699320
Conc: 46.52 ng/ml



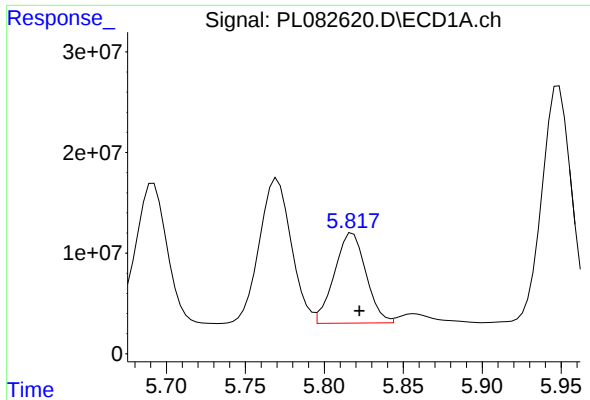
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 145720607
Conc: 47.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.575 min
Delta R.T.: -0.009 min
Response: 129837119
Conc: 45.07 ng/ml



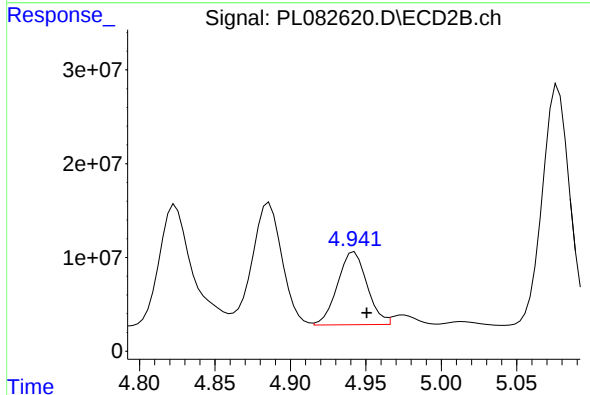
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 124920460
Conc: 45.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

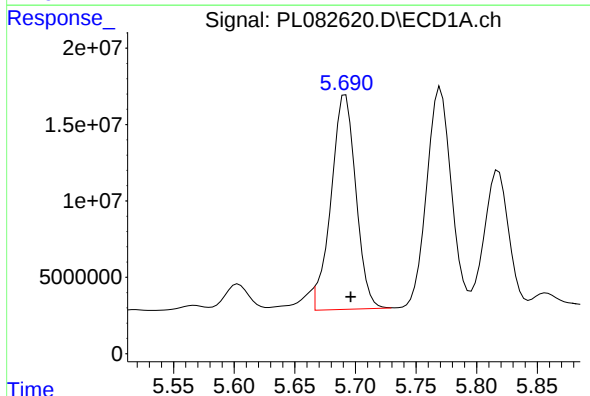
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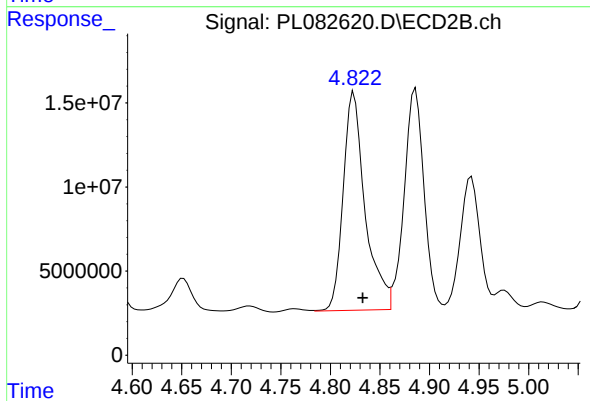
#9 Endosulfan I

R.T.: 4.942 min
Delta R.T.: -0.008 min
Response: 106022220
Conc: 39.72 ng/ml



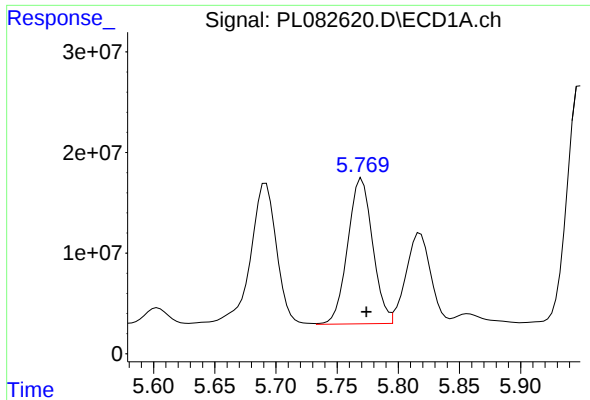
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 198378790
Conc: 65.98 ng/ml m



#10 gamma-Chlordane

R.T.: 4.824 min
Delta R.T.: -0.009 min
Response: 199648656
Conc: 68.80 ng/ml



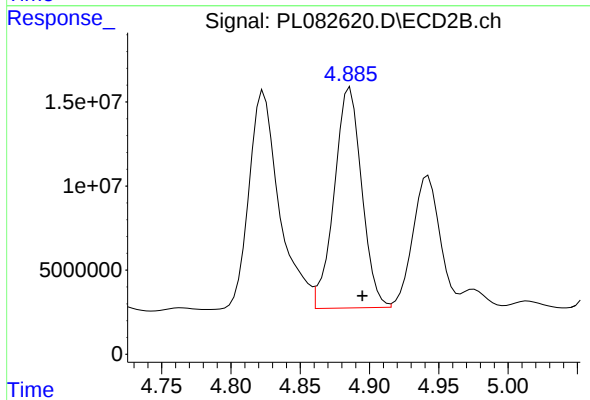
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 204931194
Conc: 68.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

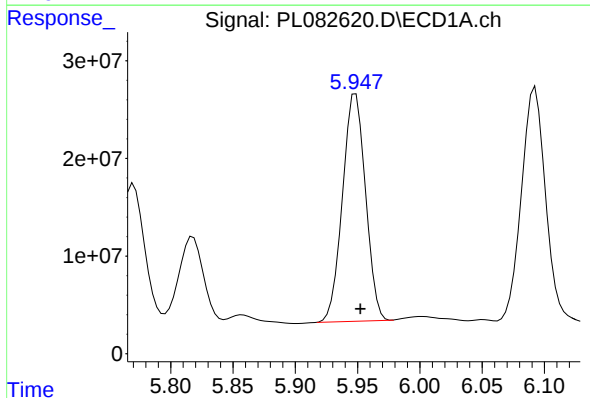
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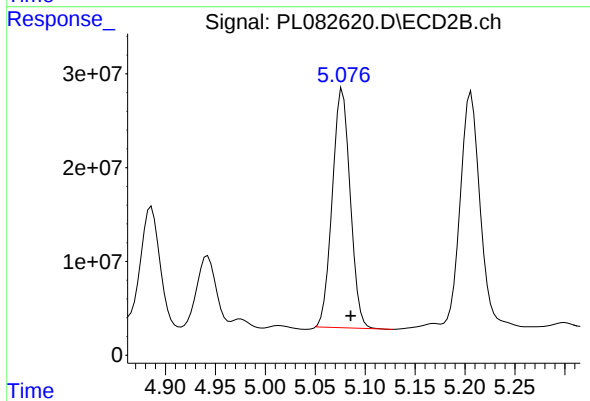
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 181280118
Conc: 62.45 ng/ml



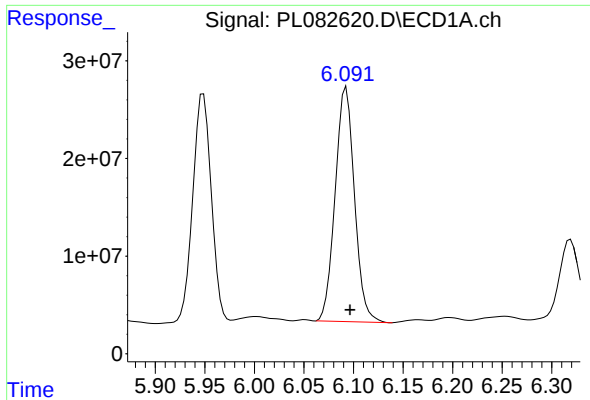
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 301053257
Conc: 118.43 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 318880527
Conc: 138.71 ng/ml



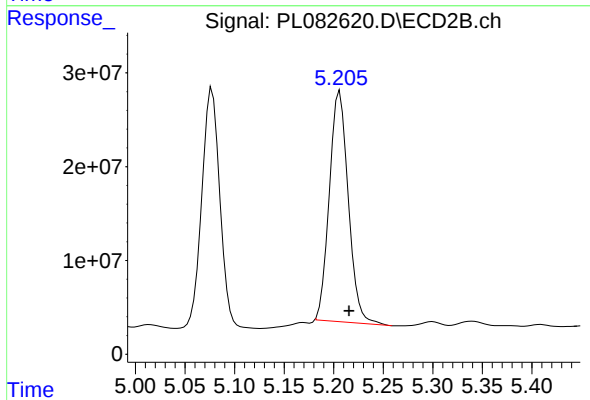
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 325542062
Conc: 117.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
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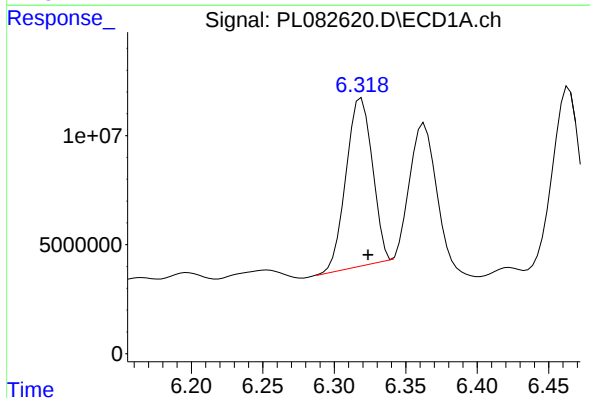
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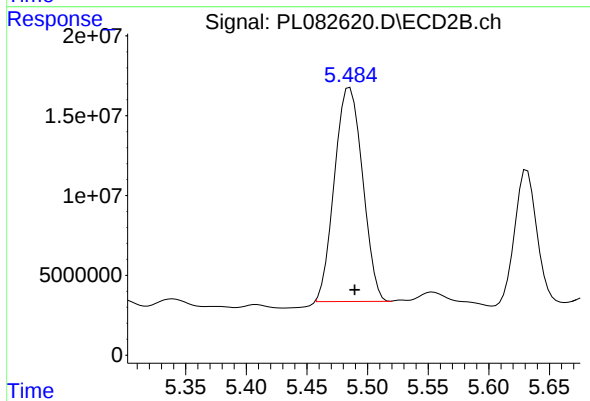
#13 Dieldrin

R.T.: 5.206 min
Delta R.T.: -0.009 min
Response: 326165073
Conc: 120.78 ng/ml



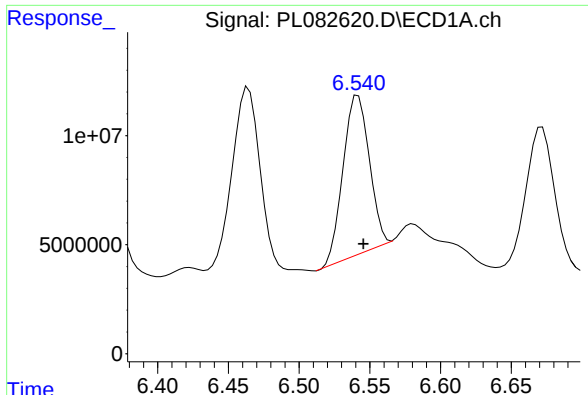
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 98594052
Conc: 40.66 ng/ml



#14 Endrin

R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 215456086
Conc: 88.09 ng/ml



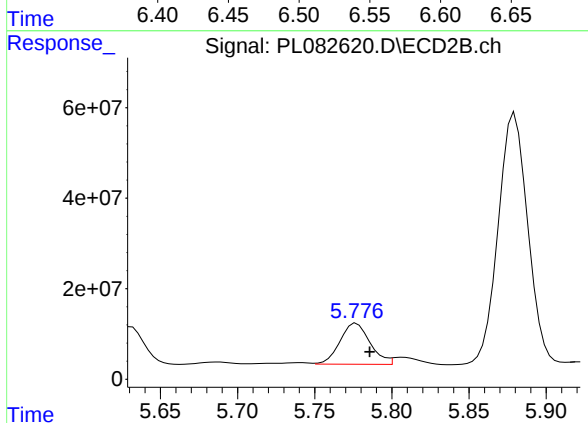
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 93886221
Conc: 38.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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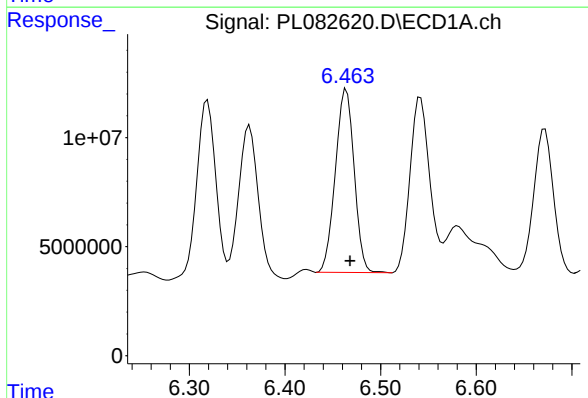
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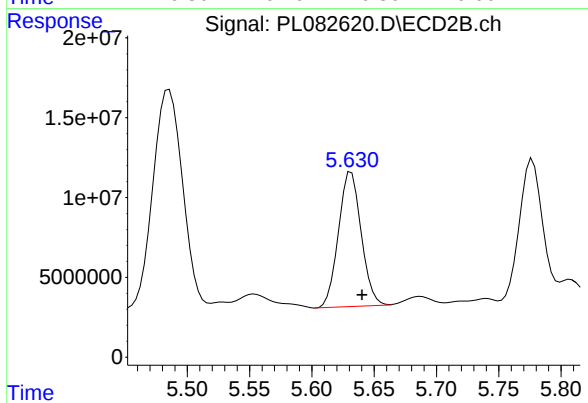
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 122692334
Conc: 54.43 ng/ml



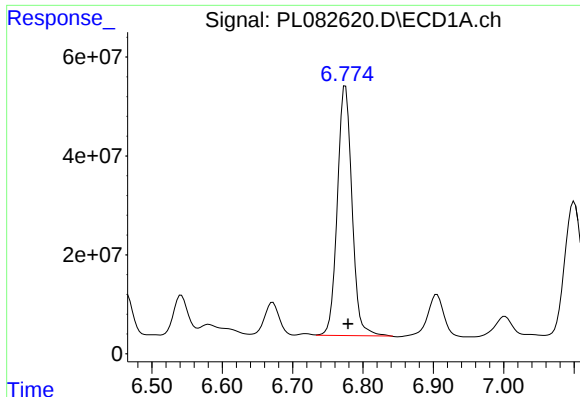
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 114892076
Conc: 56.68 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: -0.009 min
Response: 107099340
Conc: 57.26 ng/ml



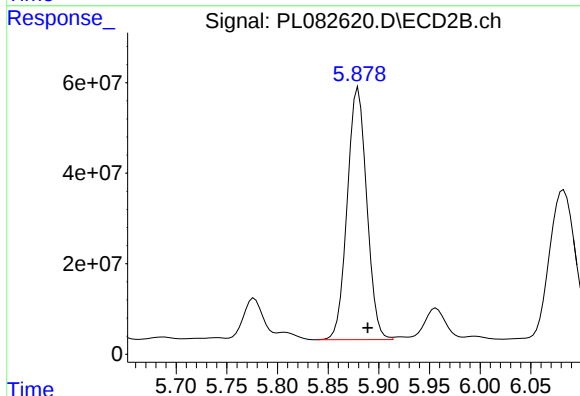
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 729981859
Conc: 319.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

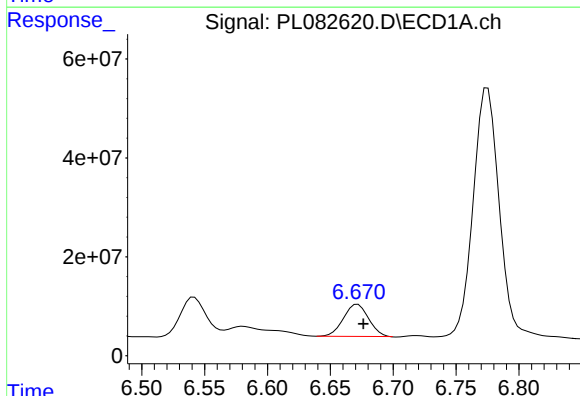
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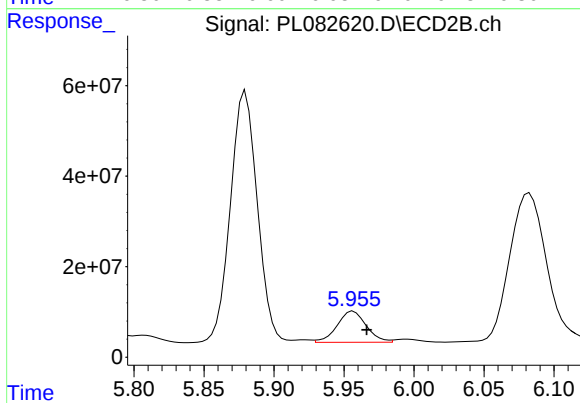
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.009 min
Response: 744613675
Conc: 352.46 ng/ml



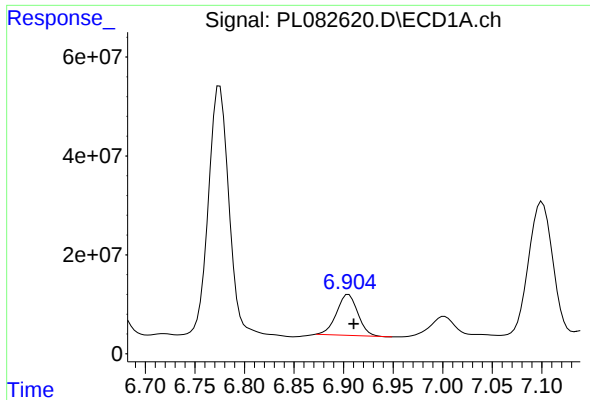
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 90270969
Conc: 47.91 ng/ml m



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 100116755
Conc: 53.50 ng/ml



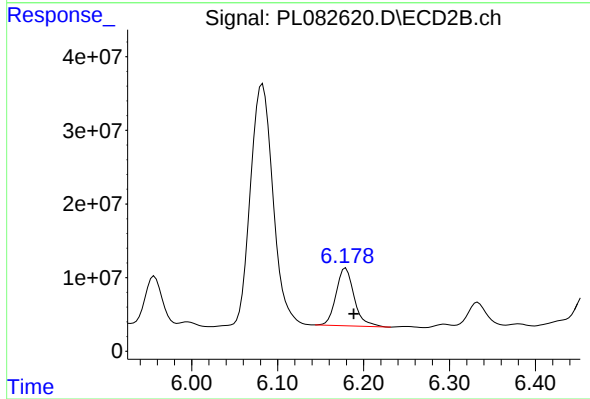
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 123433252
Conc: 52.05 ng/ml

Instrument :
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ClientSampleId :
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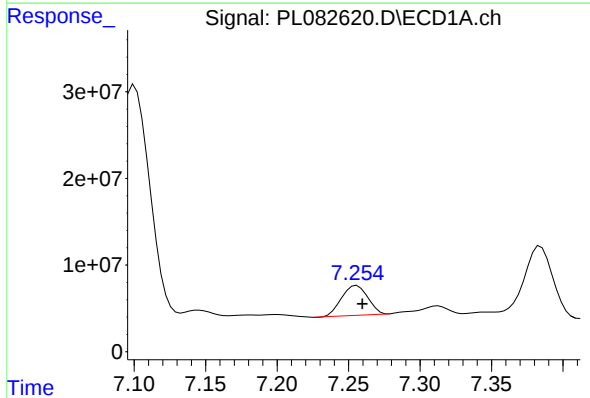
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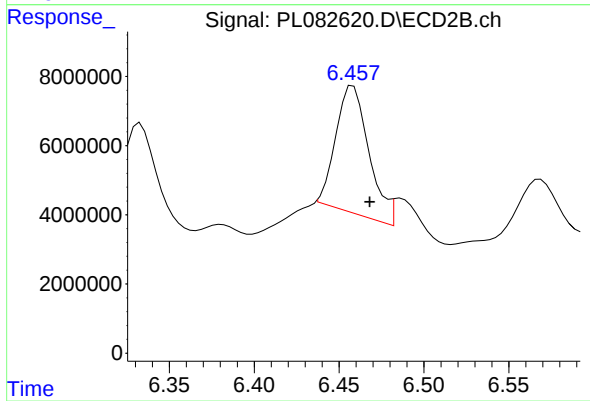
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 114214372
Conc: 48.51 ng/ml



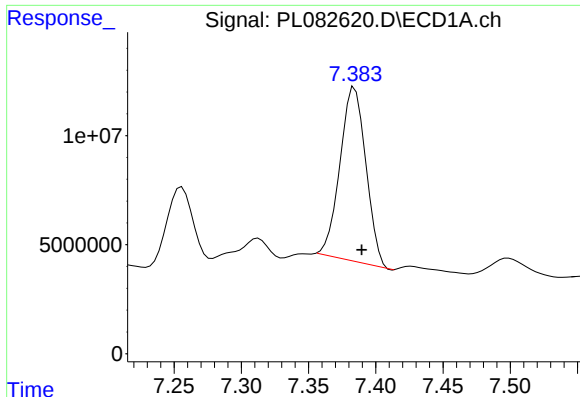
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 43962147
Conc: 36.02 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 49998339
Conc: 41.26 ng/ml



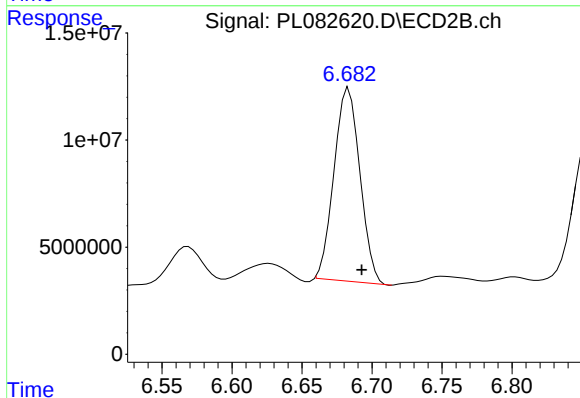
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 106784335
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

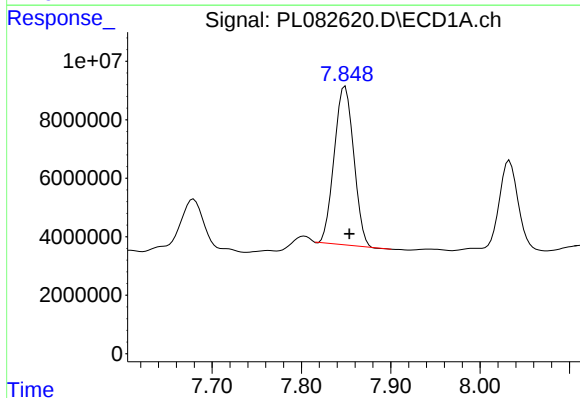
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



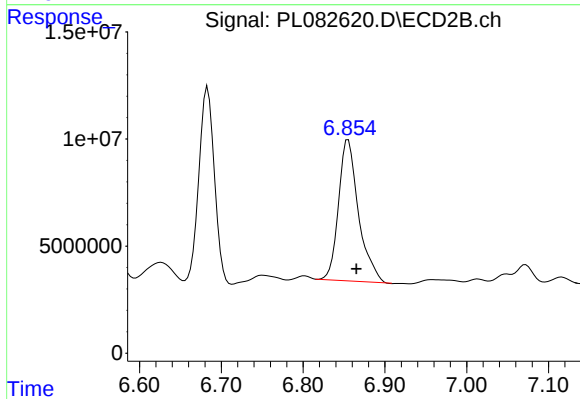
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.009 min
Response: 116130512
Conc: 45.75 ng/ml



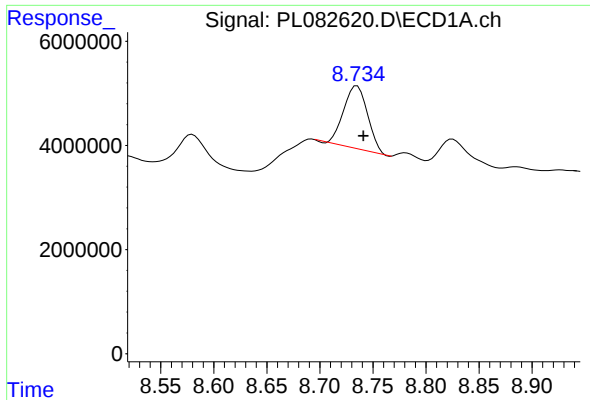
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 81908598
Conc: 41.87 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 111439641
Conc: 48.36 ng/ml m



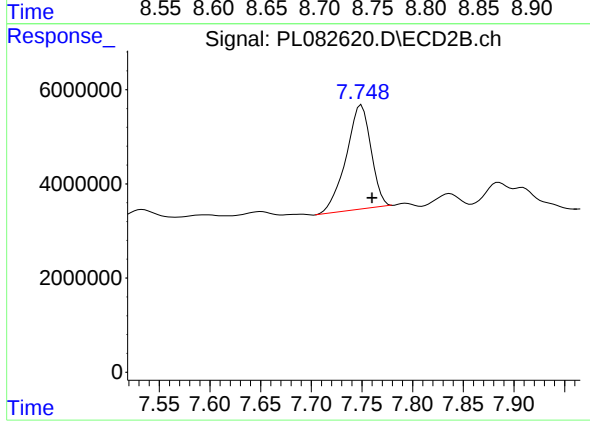
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 18903926
Conc: 9.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-04_0-2_20230509MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/11/2023



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 37799128
Conc: 16.56 ng/ml m