

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
 Data File : PL082749.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2023 09:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/18/2023
 Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 21:05:34 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...	3.322	2.643	144.5E6	116.2E6	54.105	50.146
28) SA Decachlor...	8.743	7.753	99352032	105.1E6	52.042	46.062
Target Compounds						
2) A alpha-BHC	3.771	3.139	221.0E6	167.0E6	55.527	49.061
3) MA gamma-BHC...	4.099	3.467	204.6E6	154.8E6	54.713	48.132
4) MA Heptachlor	4.677	3.798	194.8E6	153.3E6	53.312	44.770
5) MB Aldrin	5.014	4.074	182.3E6	149.6E6	55.272	47.496
6) B beta-BHC	4.303	3.767	89901756	63386519	52.713	46.457
7) B delta-BHC	4.544	3.992	198.3E6	151.4E6	55.119	49.343
8) B Heptachlo...	5.440	4.576	163.0E6	136.0E6	53.446	47.204
9) A Endosulfan I	5.822	4.943	147.7E6	126.0E6	53.286	47.210
10) B gamma-Chl...	5.696	4.825	169.3E6	137.8E6	56.290	47.497
11) B alpha-Chl...	5.774	4.887	160.1E6	136.3E6	53.635	46.957
12) B 4,4'-DDE	5.952	5.078	142.1E6	117.3E6	55.895	51.035
13) MA Dieldrin	6.097	5.207	150.9E6	126.9E6	54.699	47.009
14) MA Endrin	6.324	5.481	127.4E6	108.9E6	52.547	44.530
15) B Endosulfa...	6.546	5.779	122.9E6	107.3E6	50.469	47.600
16) A 4,4'-DDD	6.469	5.633	119.3E6	101.1E6	58.859	54.069
17) MA 4,4'-DDT	6.780	5.882	114.1E6	95483432	49.894	45.197
18) B Endrin al...	6.677	5.959	100.8E6	87390021	53.506	46.698
19) B Endosulfa...	6.911	6.181	125.1E6	110.7E6	52.731	47.037
20) A Methoxychlor	7.261	6.461	59084472	52879938	48.417	43.636
21) B Endrin ke...	7.391	6.685	129.4E6	123.4E6	54.038	48.610m
22) Mirex	7.856	6.857	97817992	102.9E6	50.001	44.643m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051723\
Data File : PL082749.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2023 09:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

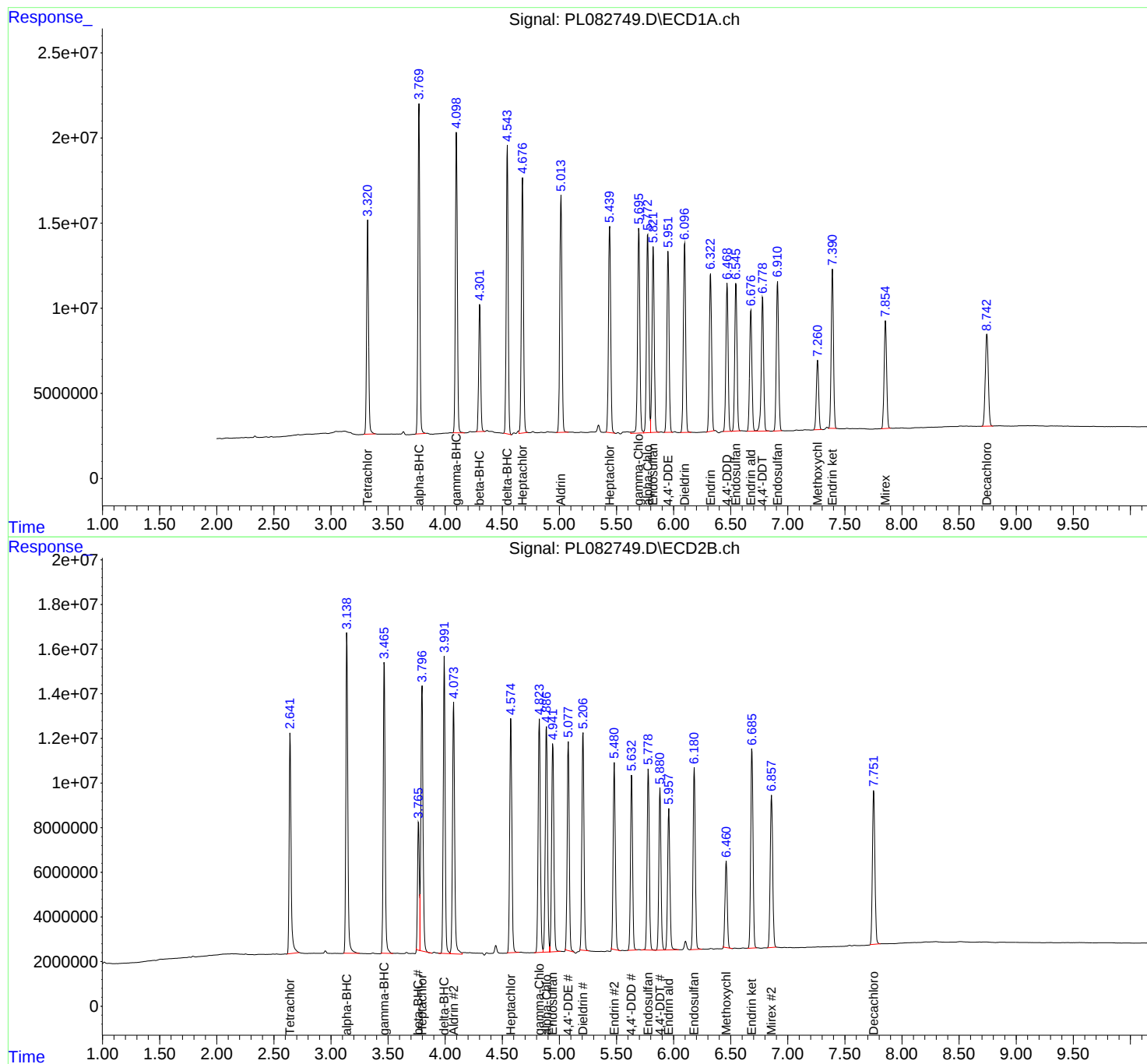
APPROVED

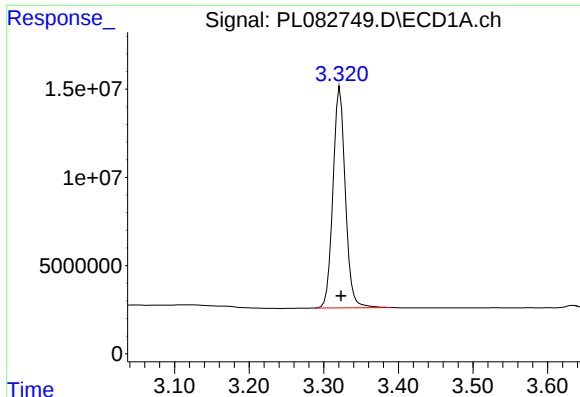
Reviewed By :Abdul Mirza 05/18/2023

Supervised By :Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 21:05:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





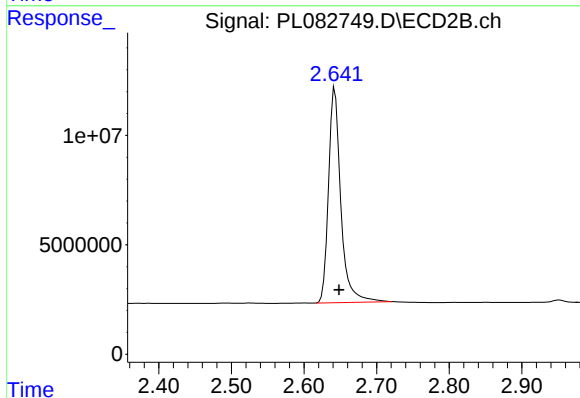
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 144526642
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

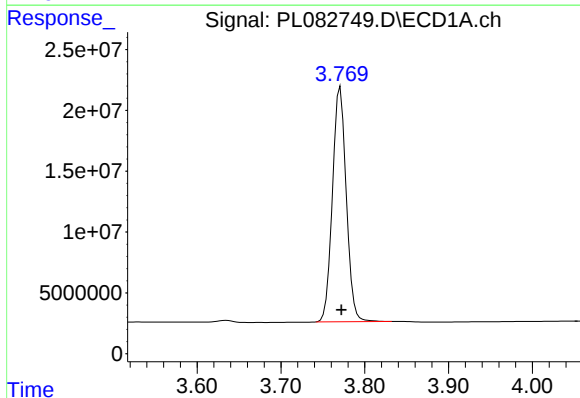
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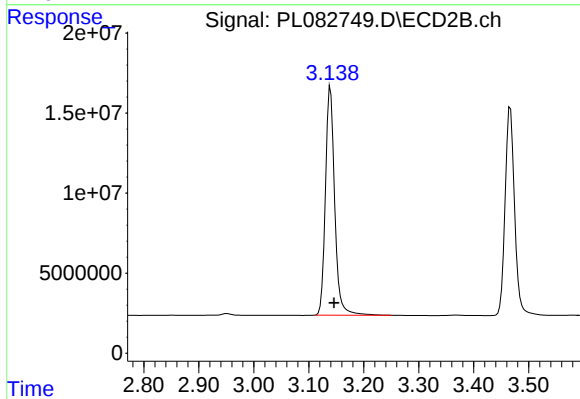
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.006 min
Response: 116175626
Conc: 50.15 ng/ml



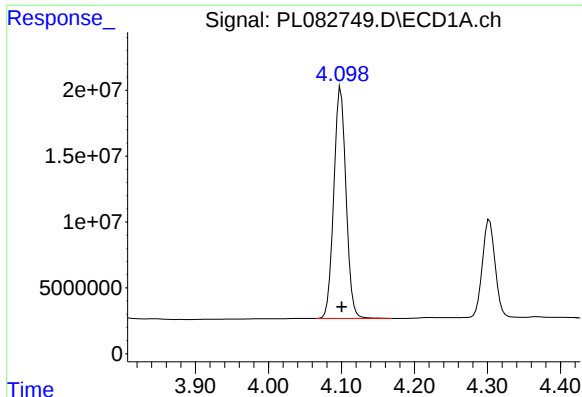
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 221009595
Conc: 55.53 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 166979232
Conc: 49.06 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 204566412
Conc: 54.71 ng/ml

Instrument :

ECD_L

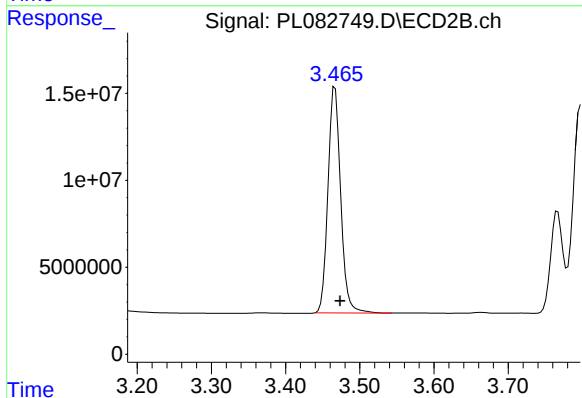
ClientSampleId :

PSTDCCC050

Manual Integrations

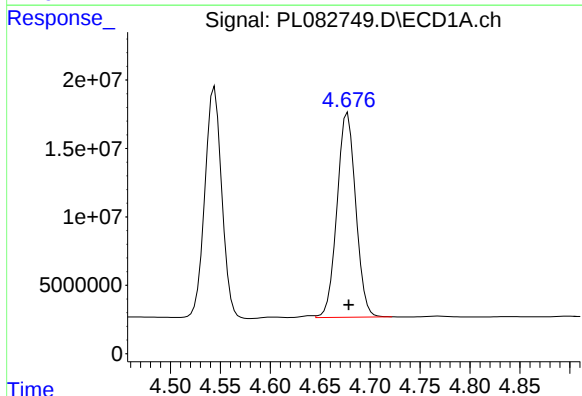
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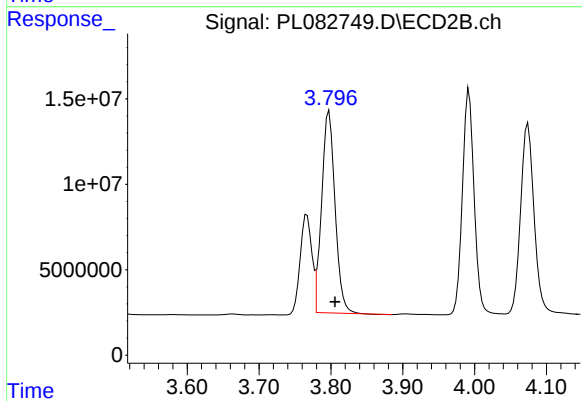
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.007 min
Response: 154758112
Conc: 48.13 ng/ml



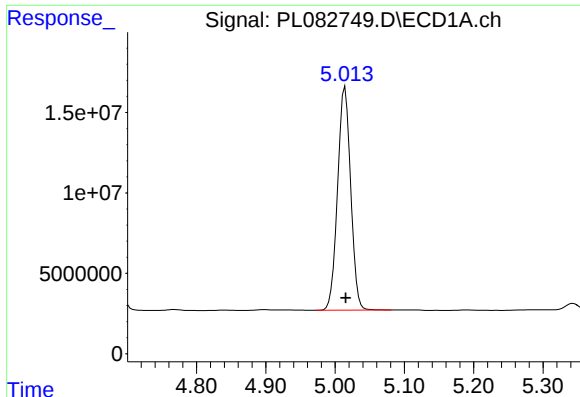
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.001 min
Response: 194797715
Conc: 53.31 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 153257821
Conc: 44.77 ng/ml



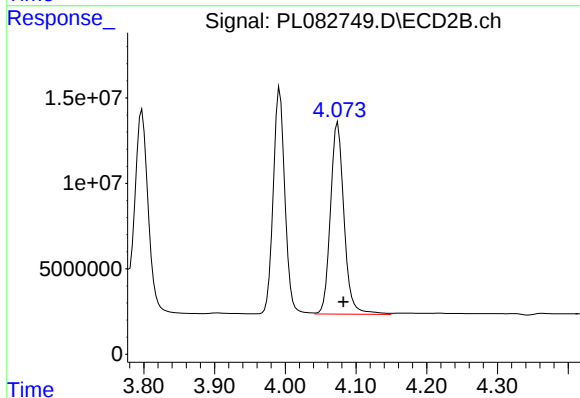
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.001 min
Response: 182264802
Conc: 55.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

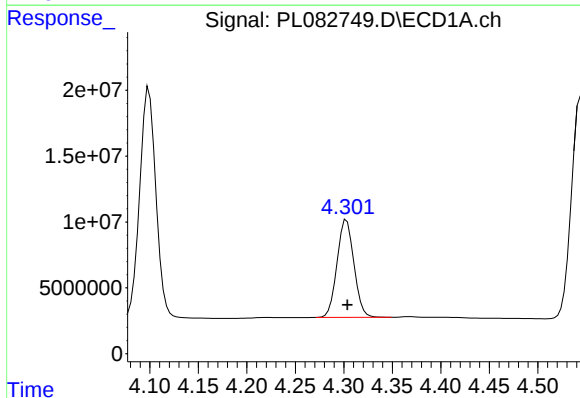
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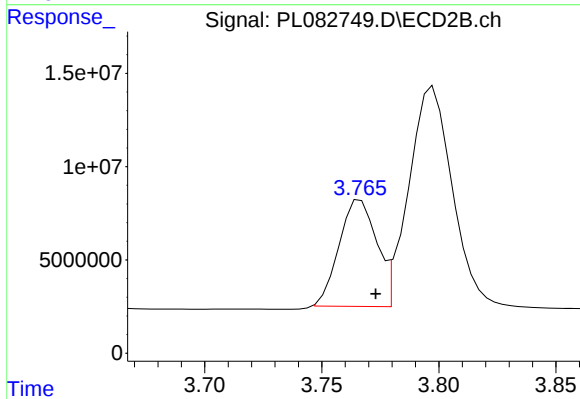
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 149604572
Conc: 47.50 ng/ml



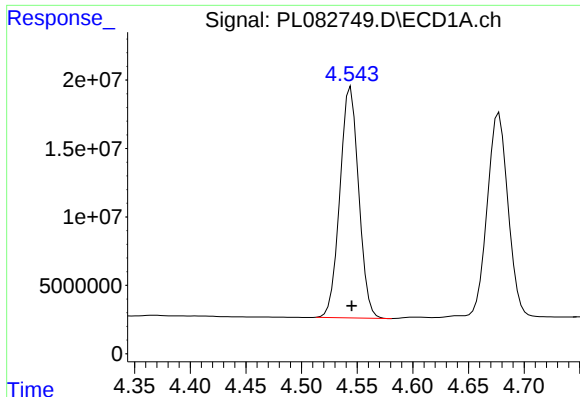
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 89901756
Conc: 52.71 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 63386519
Conc: 46.46 ng/ml



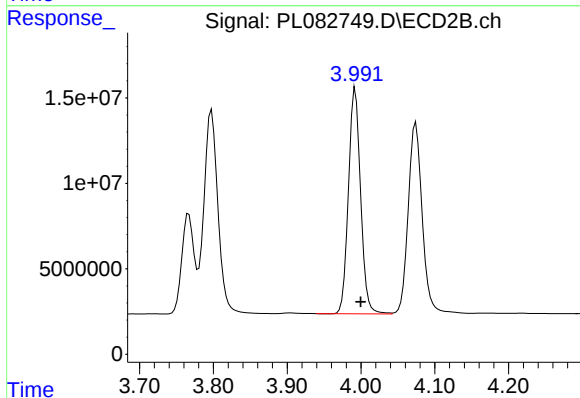
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 198304638
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

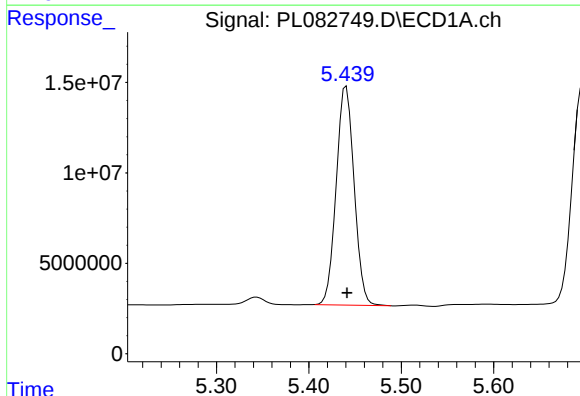
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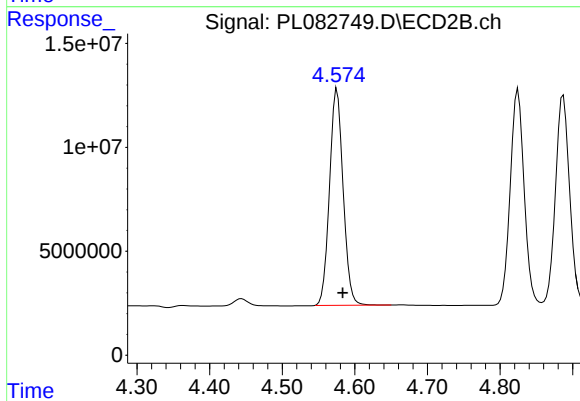
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.007 min
Response: 151355777
Conc: 49.34 ng/ml



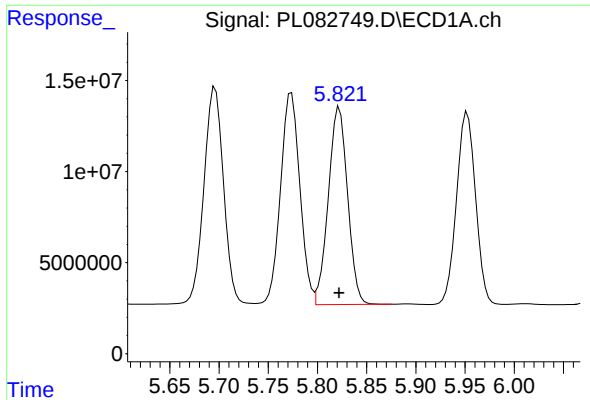
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 163027511
Conc: 53.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 135989046
Conc: 47.20 ng/ml



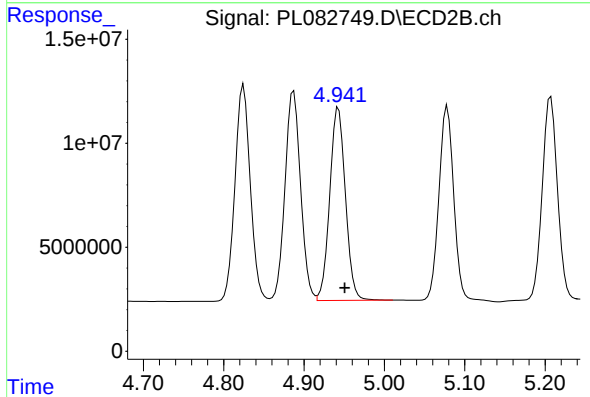
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 147746778
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

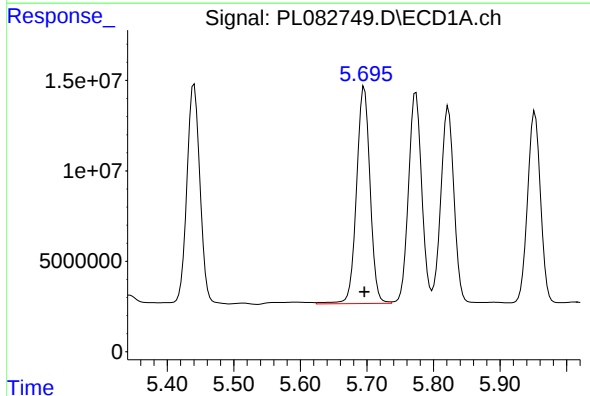
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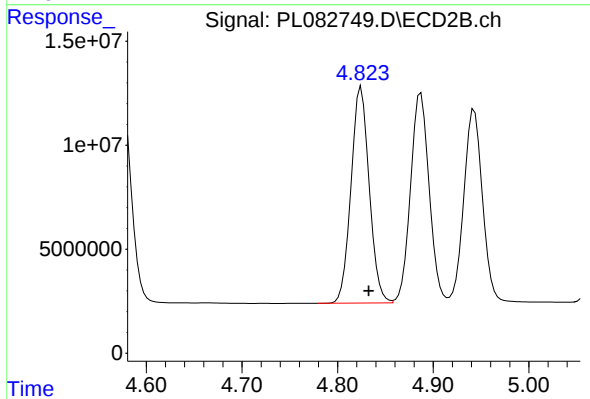
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.008 min
Response: 126025638
Conc: 47.21 ng/ml



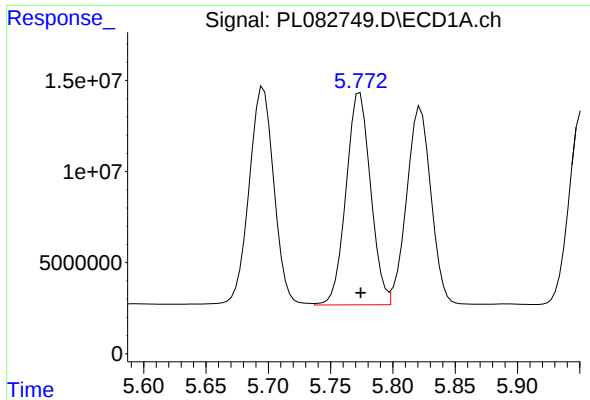
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 169255944
Conc: 56.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 137829810
Conc: 47.50 ng/ml



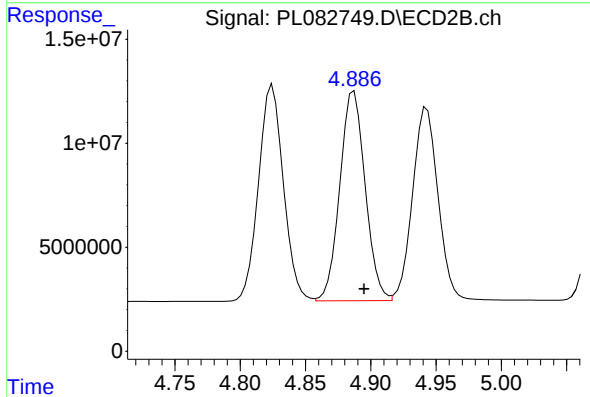
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 160079054
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

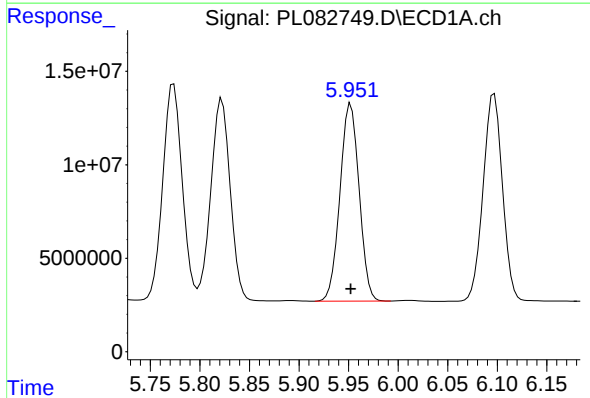
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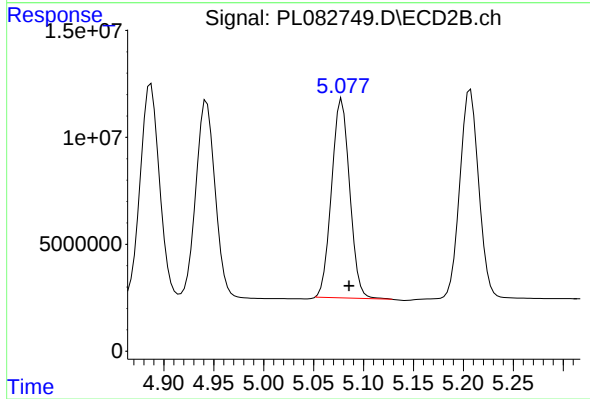
#11 alpha-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 136309807
Conc: 46.96 ng/ml



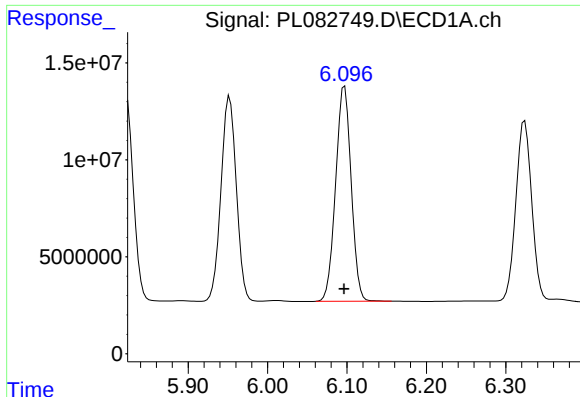
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 142087382
Conc: 55.90 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 117327081
Conc: 51.03 ng/ml



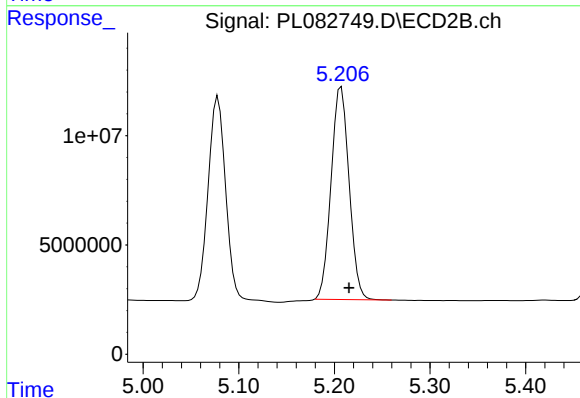
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 150922616
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

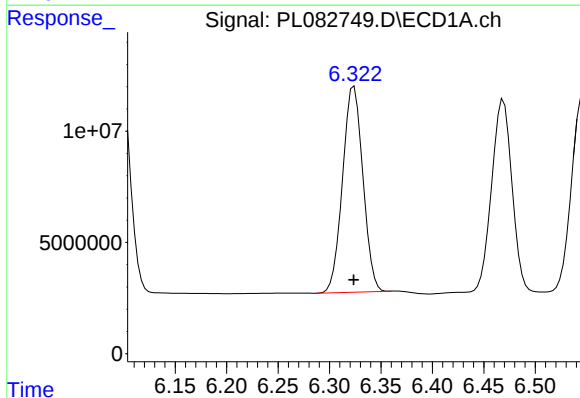
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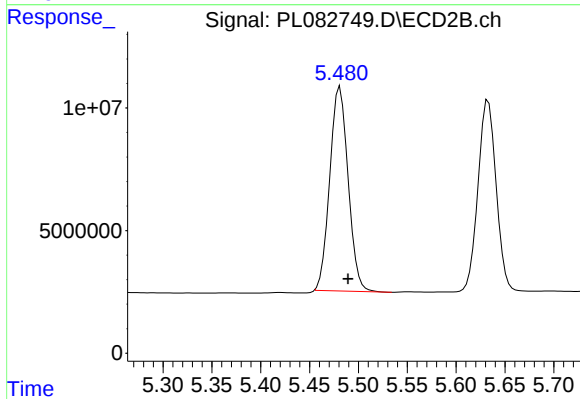
#13 Dieldrin

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 126941584
Conc: 47.01 ng/ml



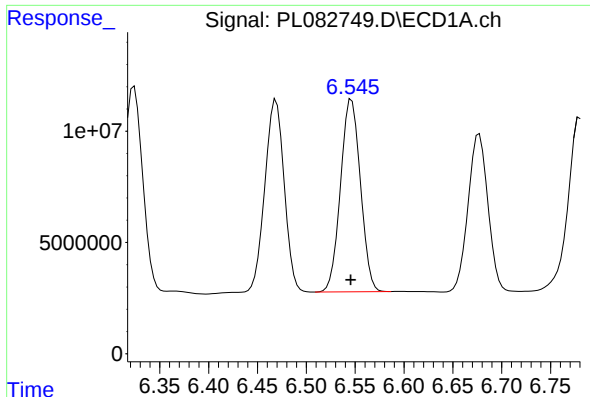
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 127403435
Conc: 52.55 ng/ml



#14 Endrin

R.T.: 5.481 min
Delta R.T.: -0.008 min
Response: 108918933
Conc: 44.53 ng/ml



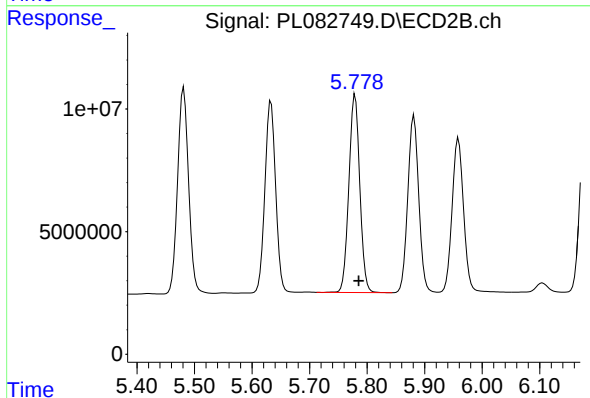
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 122869674
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

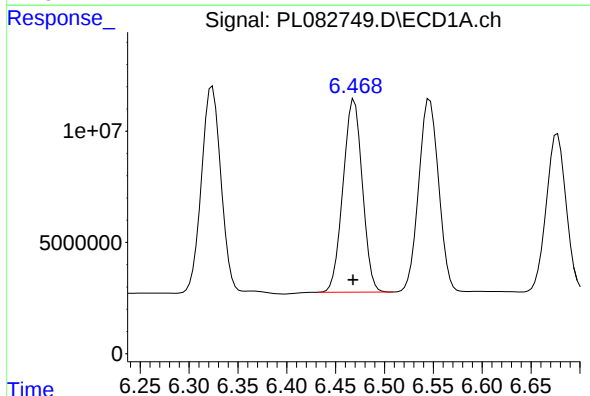
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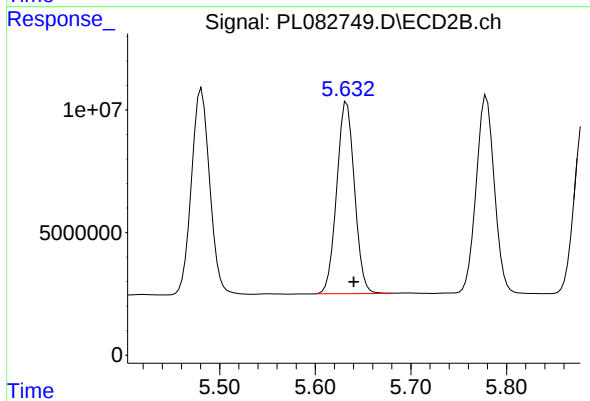
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 107295337
Conc: 47.60 ng/ml



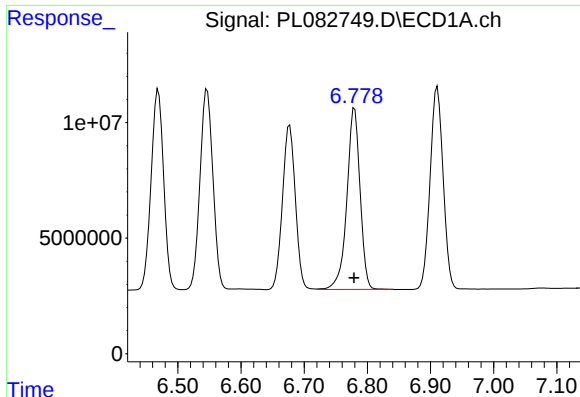
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 119319848
Conc: 58.86 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 101130275
Conc: 54.07 ng/ml



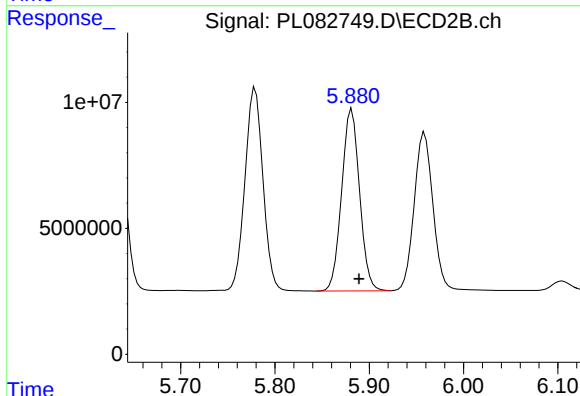
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 114144052
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

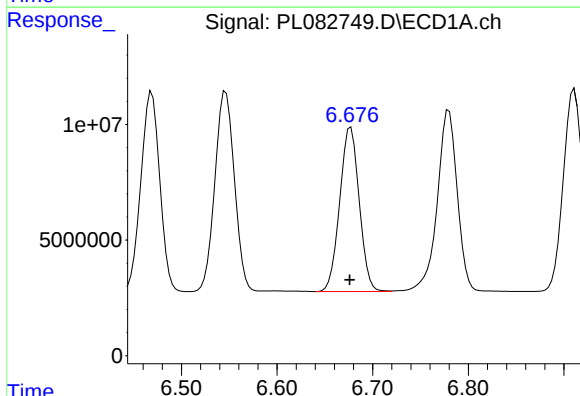
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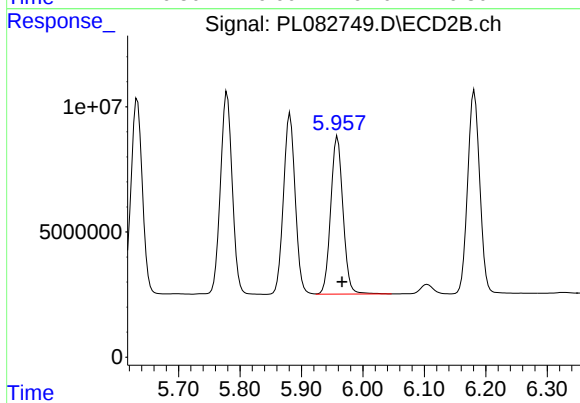
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.008 min
Response: 95483432
Conc: 45.20 ng/ml



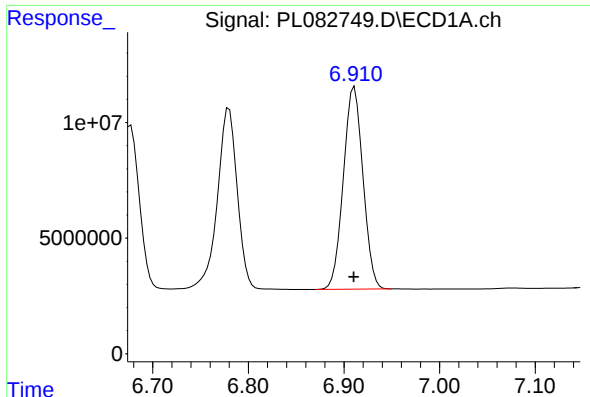
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 100815161
Conc: 53.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 87390021
Conc: 46.70 ng/ml



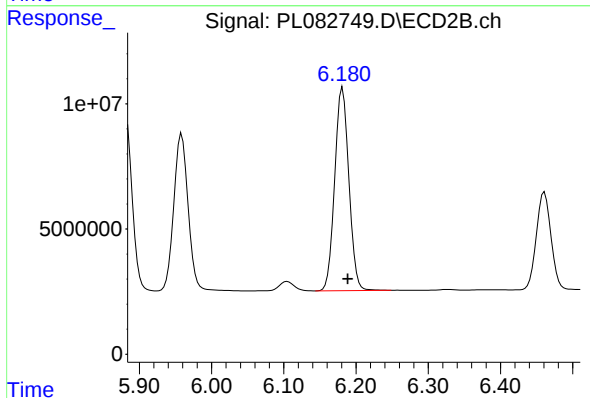
#19 Endosulfan Sulfate

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 125052937
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

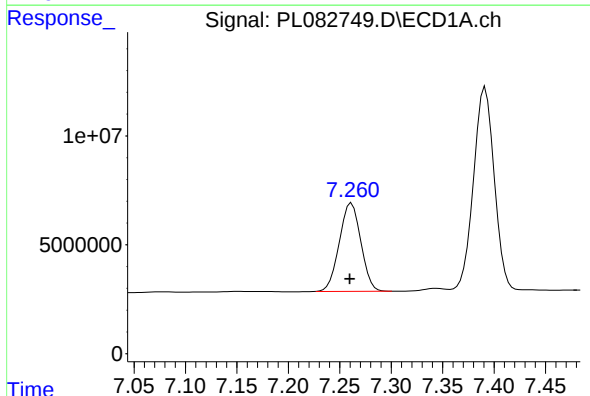
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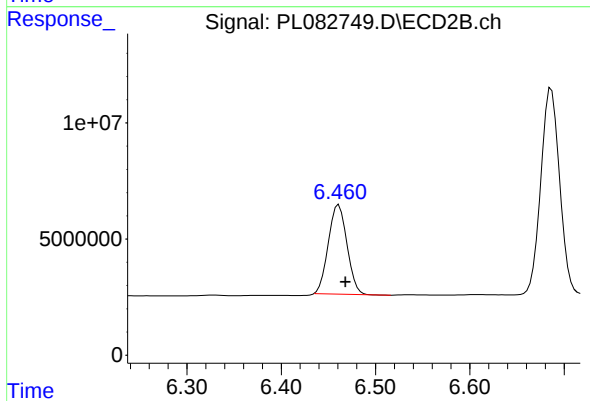
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 110737545
Conc: 47.04 ng/ml



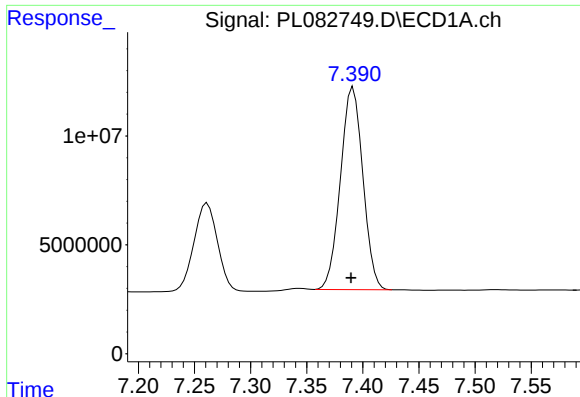
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.002 min
Response: 59084472
Conc: 48.42 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 52879938
Conc: 43.64 ng/ml



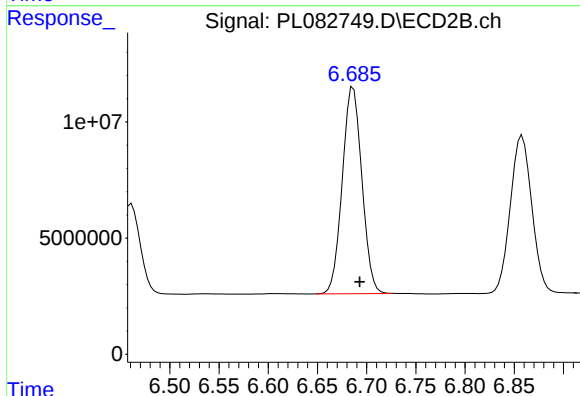
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 129388843
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

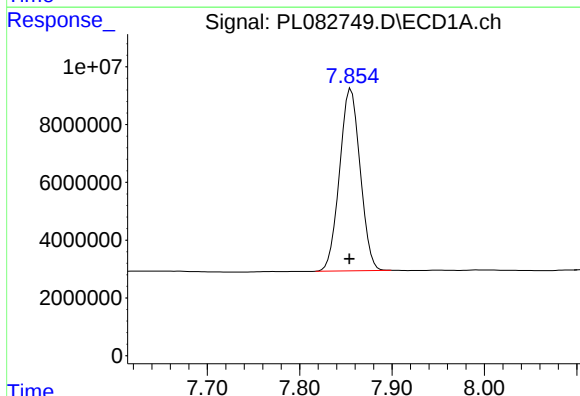
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Reviewed By :Abdul Mirza 05/18/2023
Supervised By :Ankita Jodhani 05/18/2023



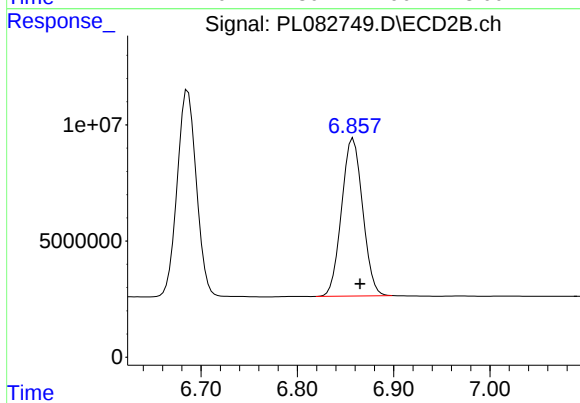
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 123380641
Conc: 48.61 ng/ml m



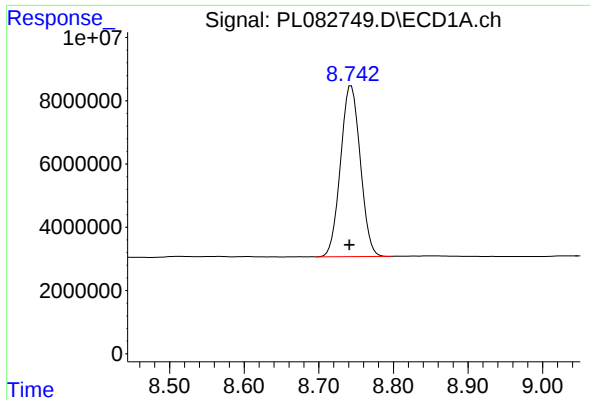
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 97817992
Conc: 50.00 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 102868693
Conc: 44.64 ng/ml m



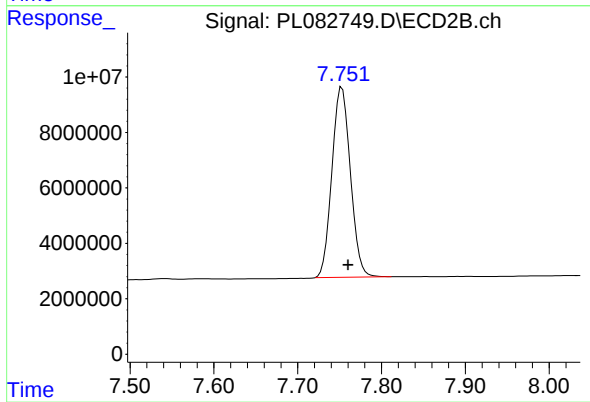
#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.002 min
Response: 99352032
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/18/2023
Supervised By :Ankita Jodhani 05/18/2023



#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 105135784
Conc: 46.06 ng/ml