

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
 Data File : PL082896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2023 21:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2023
 Supervised By : Ankita Jodhani 05/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 01:11:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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	2.637	152.2E6	136.4E6	51.775	52.543
28)	SA Decachlor...	8.731	7.741	105.3E6	124.9E6	50.219	50.227
Target Compounds							
2)	A alpha-BHC	3.766	3.134	233.1E6	198.9E6	52.502	53.293
3)	MA gamma-BHC...	4.094	3.460	215.7E6	183.6E6	52.059	55.091
4)	MA Heptachlor	4.671	3.791	199.5E6	187.0E6	52.203	51.067
5)	MB Aldrin	5.007	4.067	186.3E6	171.5E6	52.961	52.706
6)	B beta-BHC	4.297	3.761	94936561	77159407	50.425	53.954
7)	B delta-BHC	4.539	3.986	212.5E6	181.3E6	61.785	55.319
8)	B Heptachlo...	5.433	4.568	168.3E6	157.4E6	52.623	53.044
9)	A Endosulfan I	5.814	4.935	153.7E6	147.1E6	51.208	52.624
10)	B gamma-Chl...	5.688	4.816	168.5E6	158.8E6	53.040	52.874
11)	B alpha-Chl...	5.766	4.879	165.1E6	158.0E6	51.452	52.623
12)	B 4,4'-DDE	5.944	5.070	145.9E6	134.0E6	52.923	55.166
13)	MA Dieldrin	6.088	5.198	155.7E6	149.0E6	51.754	52.769
14)	MA Endrin	6.315	5.473	130.1E6	128.0E6	48.413	50.466
15)	B Endosulfa...	6.538	5.769	126.1E6	124.5E6	47.478	50.312
16)	A 4,4'-DDD	6.460	5.624	119.3E6	111.5E6	54.893	57.997
17)	MA 4,4'-DDT	6.771	5.872	116.7E6	110.8E6	46.622	49.649
18)	B Endrin al...	6.666	5.949	103.0E6	101.1E6	51.243m	51.105
19)	B Endosulfa...	6.902	6.172	130.5E6	128.6E6	50.883	52.500
20)	A Methoxychlor	7.252	6.450	62929383	62690495	47.588	49.295
21)	B Endrin ke...	7.382	6.676	136.6E6	144.7E6	53.549	53.500
22)	Mirex	7.845	6.847	103.8E6	119.2E6	49.533	50.948

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
Data File : PL082896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2023 21:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

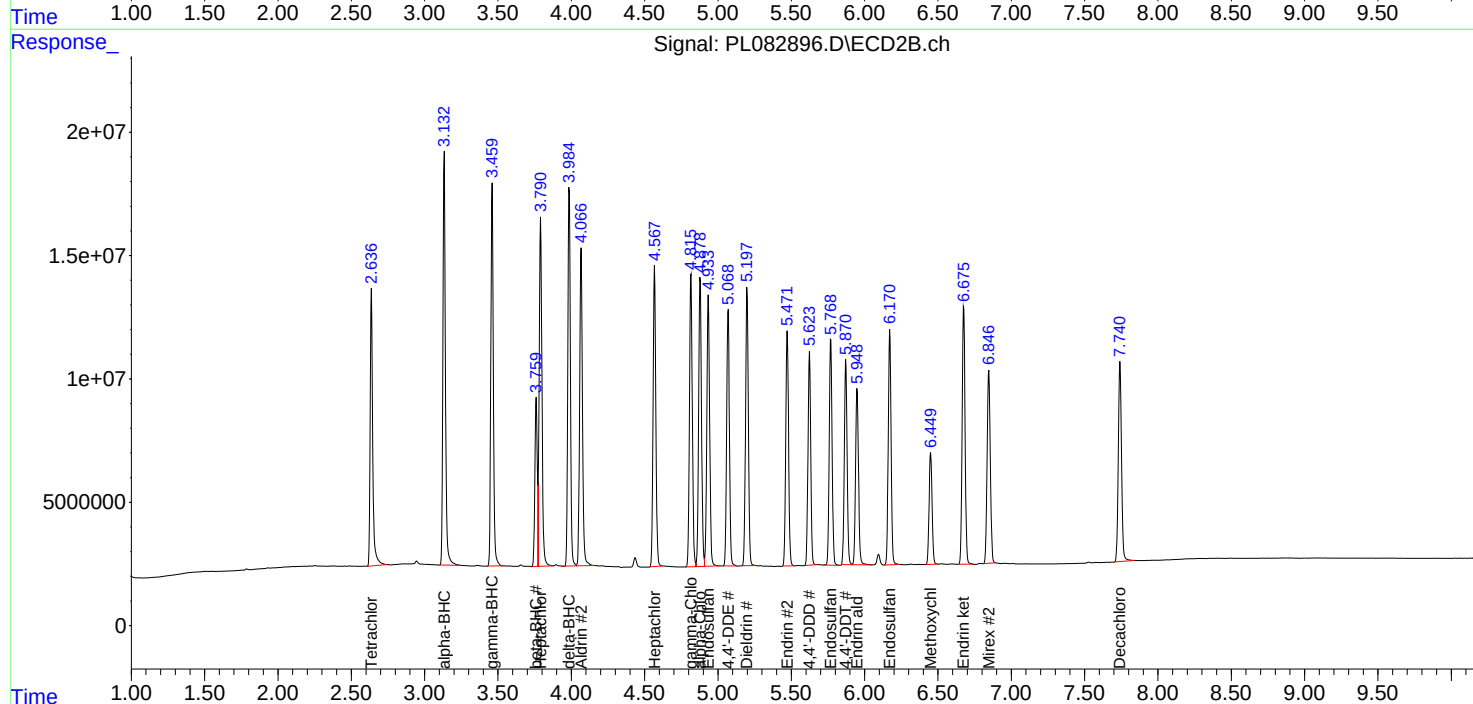
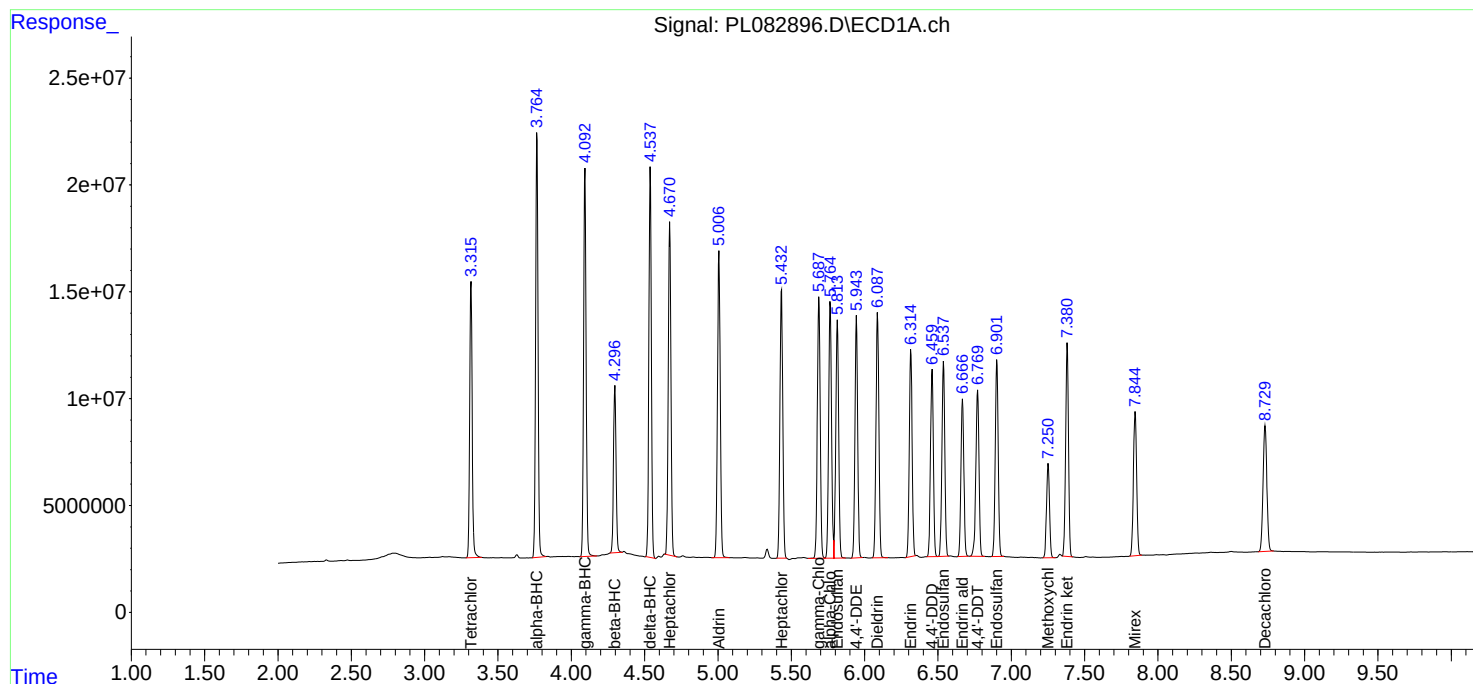
APPROVED

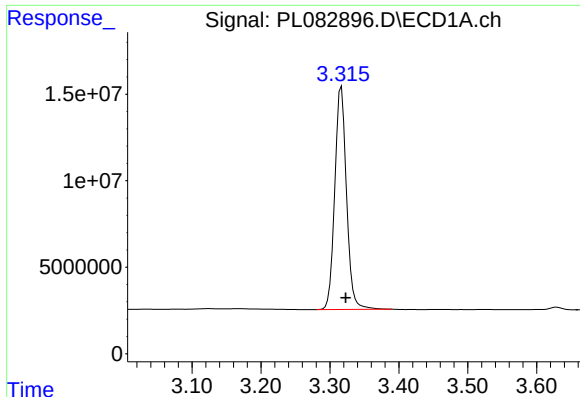
Reviewed By :Abdul Mirza 05/23/2023

Supervised By :Ankita Jodhani 05/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 01:11:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





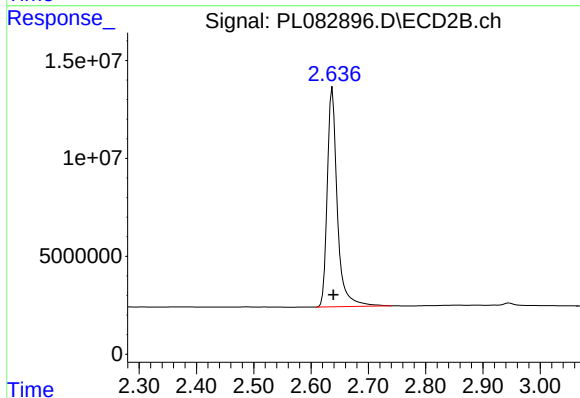
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 152167962
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

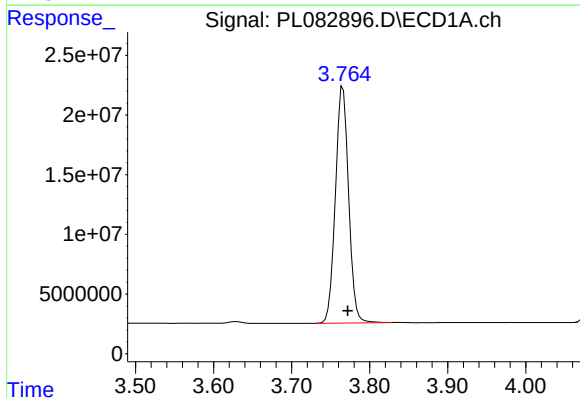
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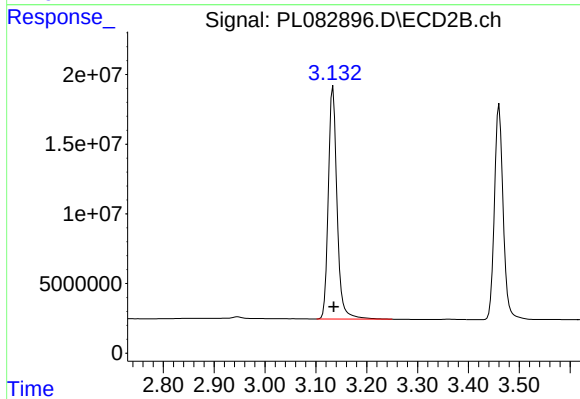
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 136405063
Conc: 52.54 ng/ml



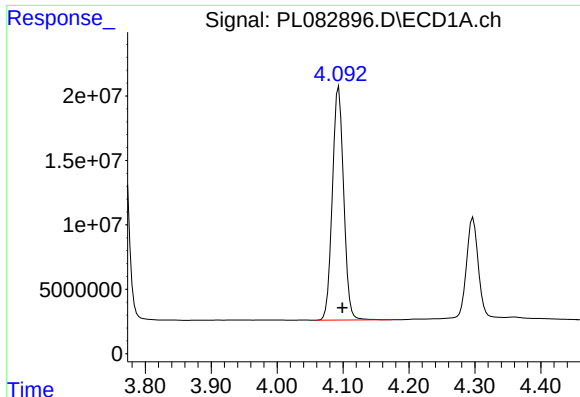
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 233067976
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 198860552
Conc: 53.29 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 215677266
Conc: 52.06 ng/ml

Instrument :

ECD_L

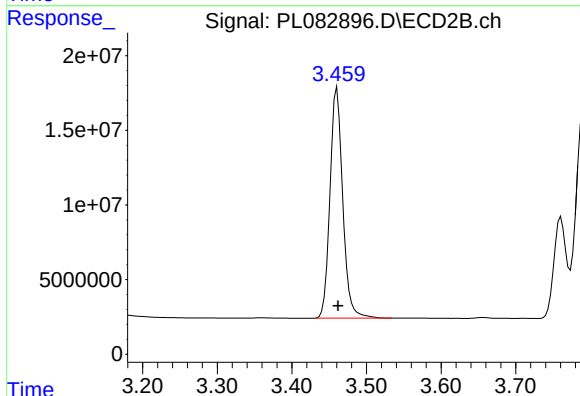
ClientSampleId :

PSTDCCC050

Manual Integrations

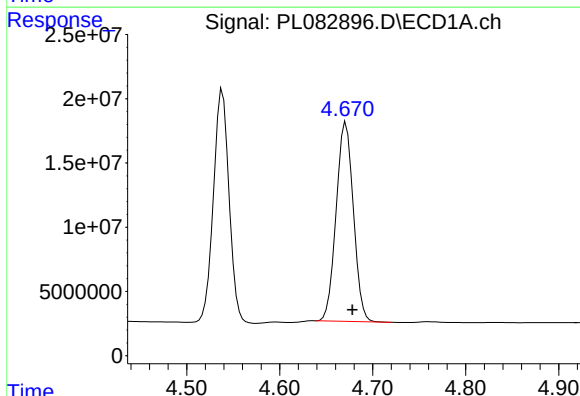
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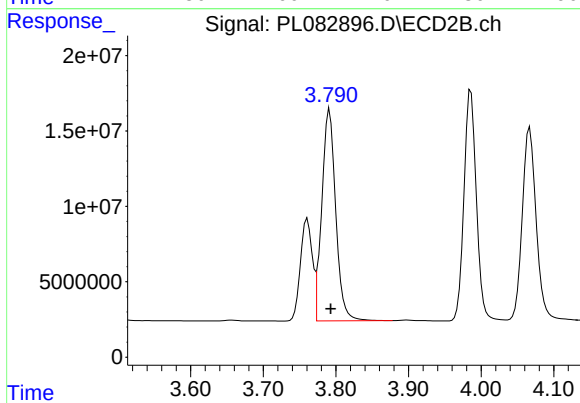
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.001 min
Response: 183633861
Conc: 55.09 ng/ml



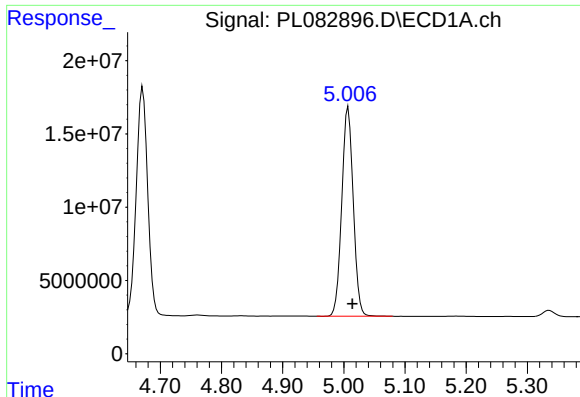
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 199543150
Conc: 52.20 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 186959197
Conc: 51.07 ng/ml



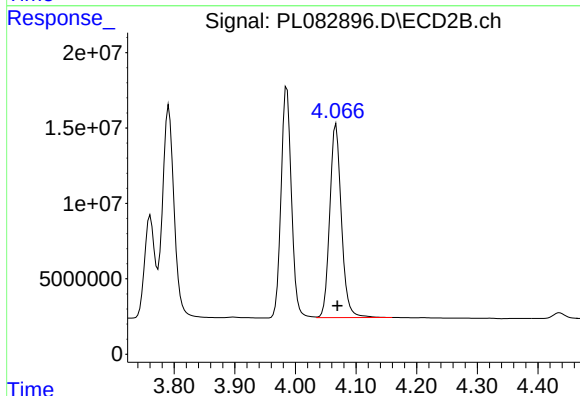
#5 Aldrin

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 186324573
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

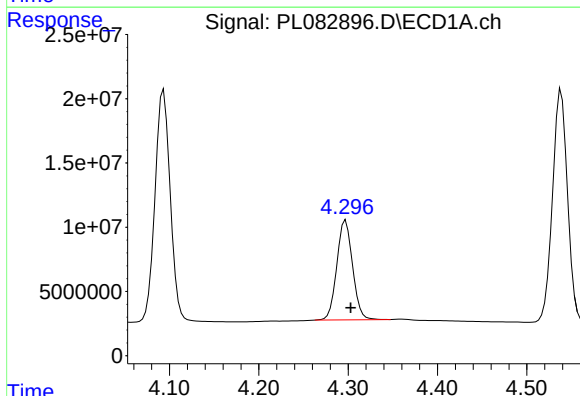
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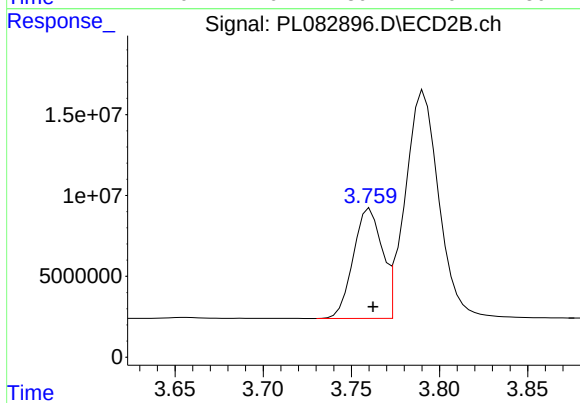
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 171484445
Conc: 52.71 ng/ml



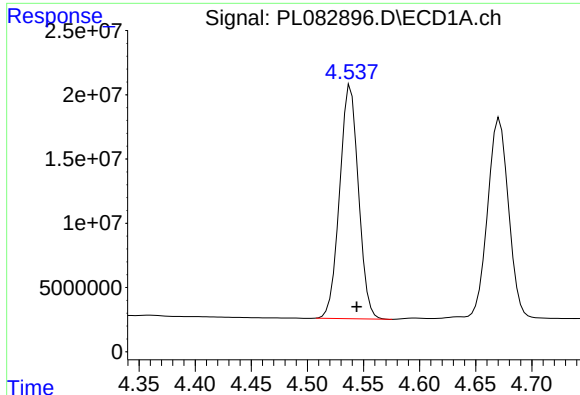
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 94936561
Conc: 50.42 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 77159407
Conc: 53.95 ng/ml



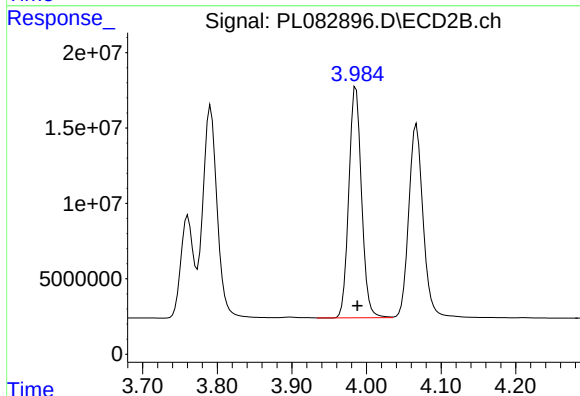
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 212471696
Conc: 61.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

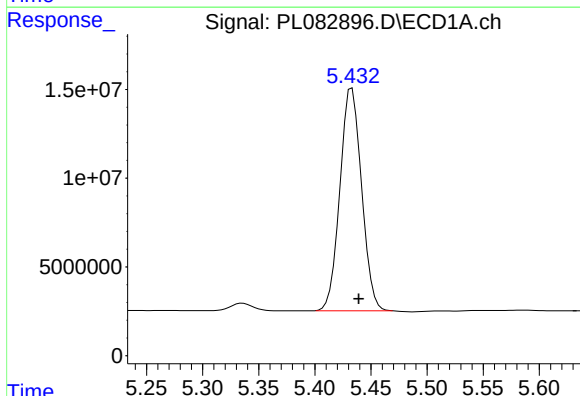
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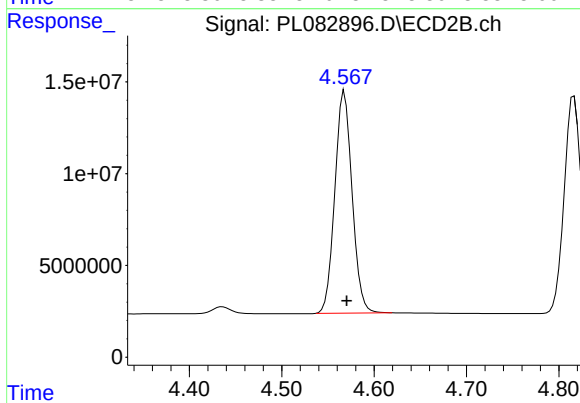
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 181251166
Conc: 55.32 ng/ml



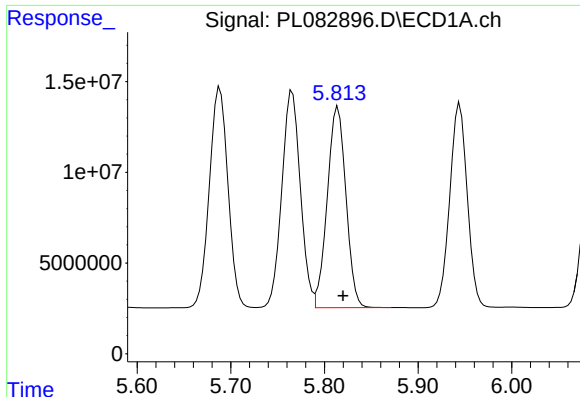
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 168327082
Conc: 52.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 157429948
Conc: 53.04 ng/ml



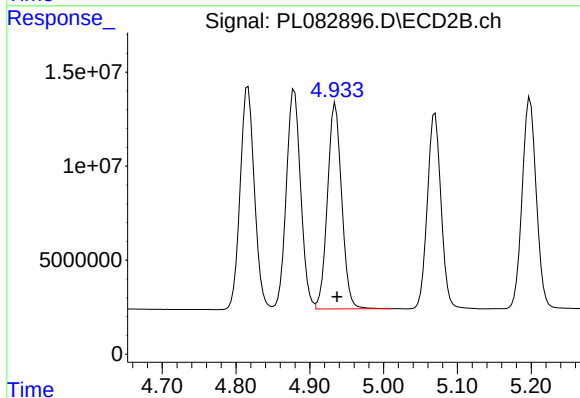
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 153654236
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

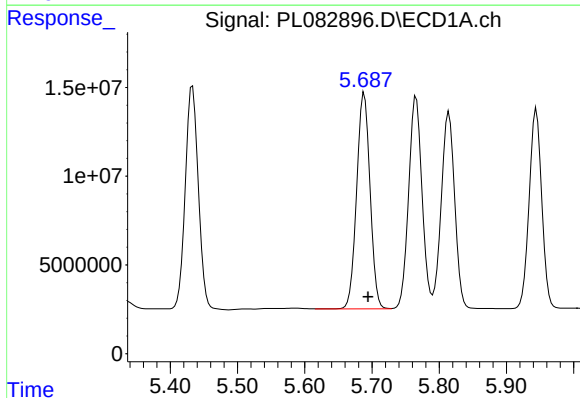
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Supervised By :Ankita Jodhani 05/23/2023



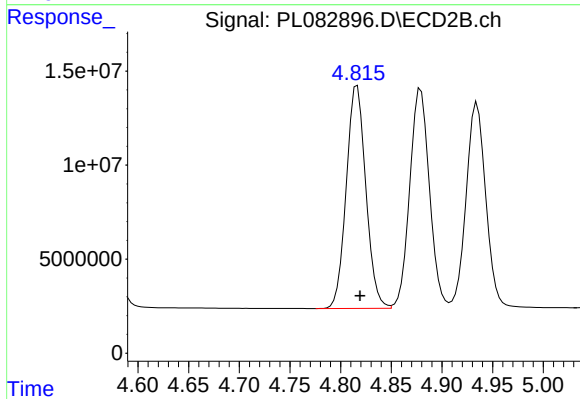
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 147051415
Conc: 52.62 ng/ml



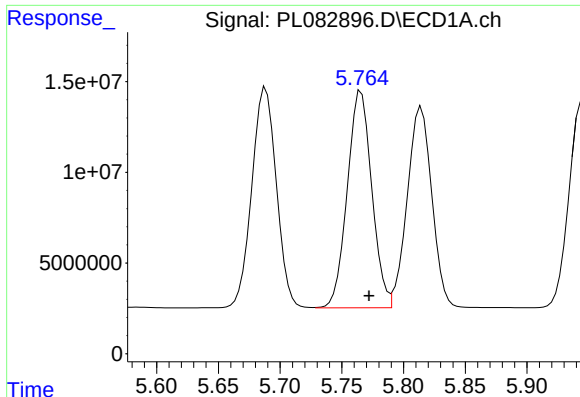
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 168507585
Conc: 53.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 158802729
Conc: 52.87 ng/ml



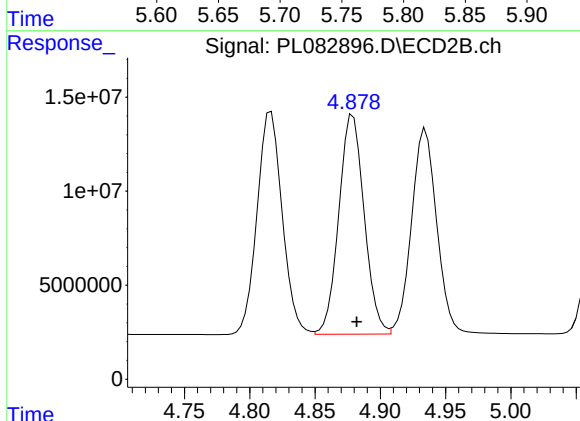
#11 alpha-Chlordane

R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 165123910
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

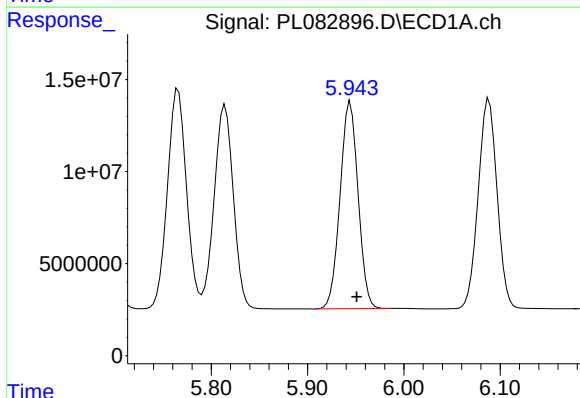
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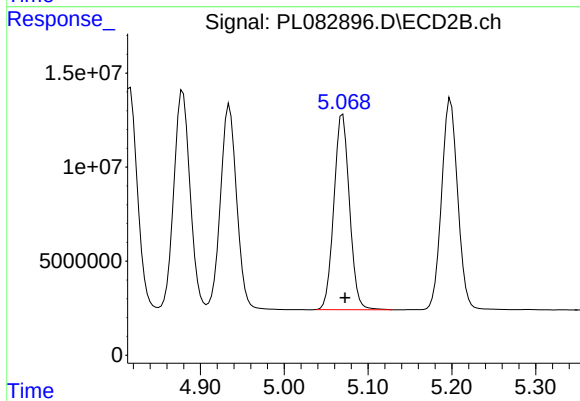
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 157973613
Conc: 52.62 ng/ml



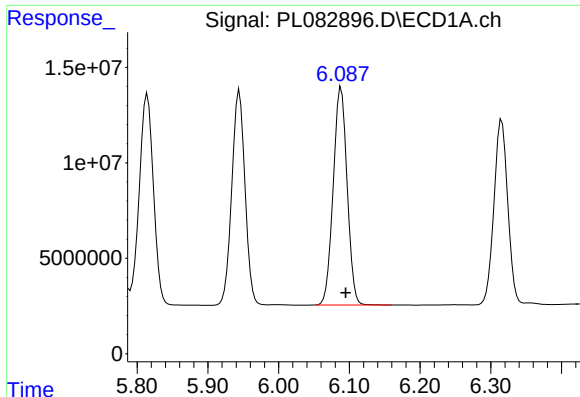
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 145882318
Conc: 52.92 ng/ml



#12 4,4'-DDE

R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 133984844
Conc: 55.17 ng/ml



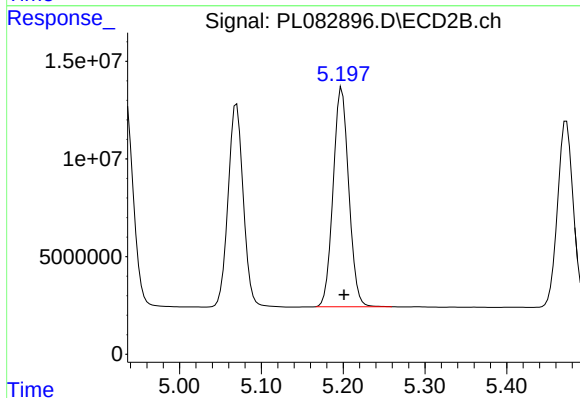
#13 Dieldrin

R.T.: 6.088 min
Delta R.T.: -0.007 min
Response: 155669106
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

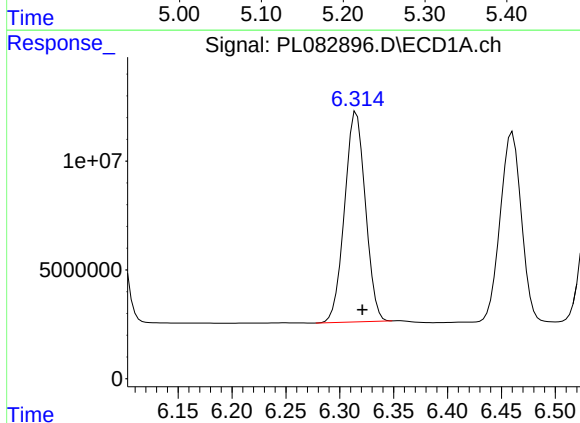
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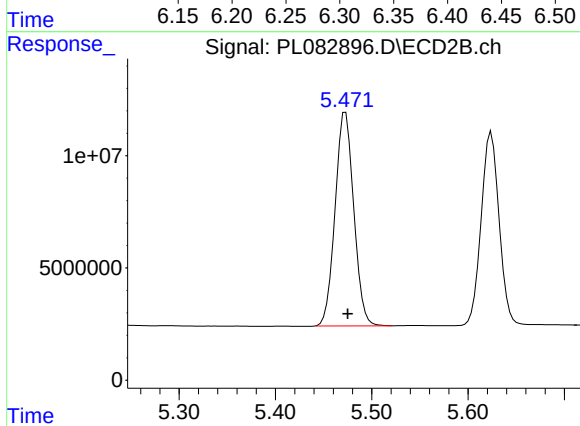
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 148962129
Conc: 52.77 ng/ml



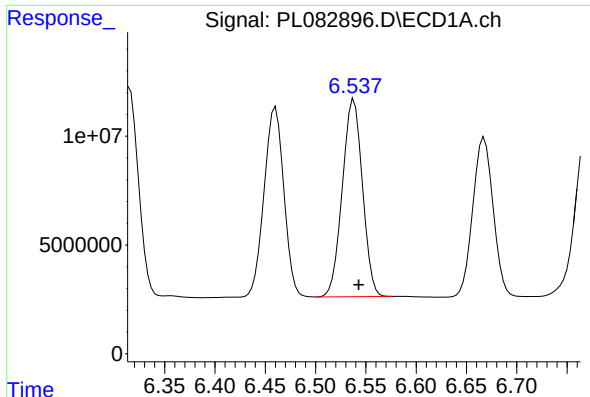
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 130097739
Conc: 48.41 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 128028854
Conc: 50.47 ng/ml



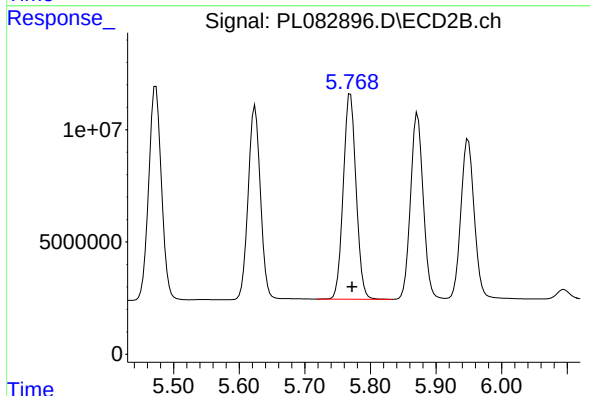
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 126119494
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

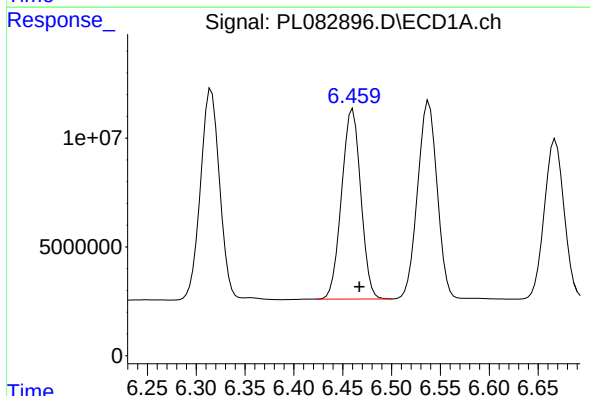
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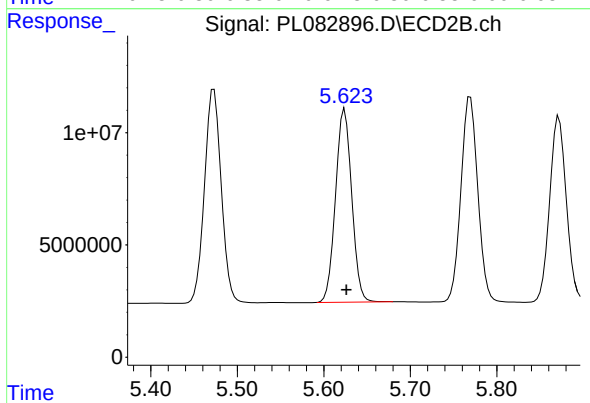
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 124482373
Conc: 50.31 ng/ml



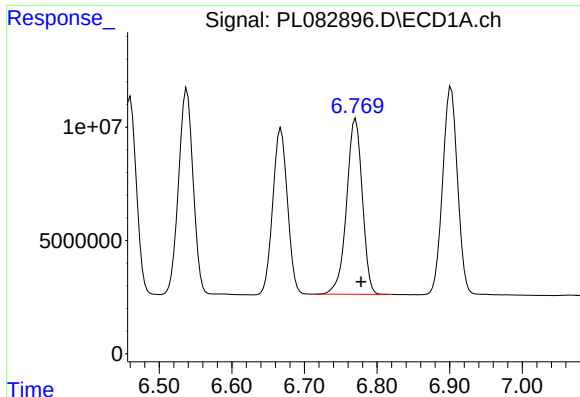
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 119285640
Conc: 54.89 ng/ml



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 111541473
Conc: 58.00 ng/ml



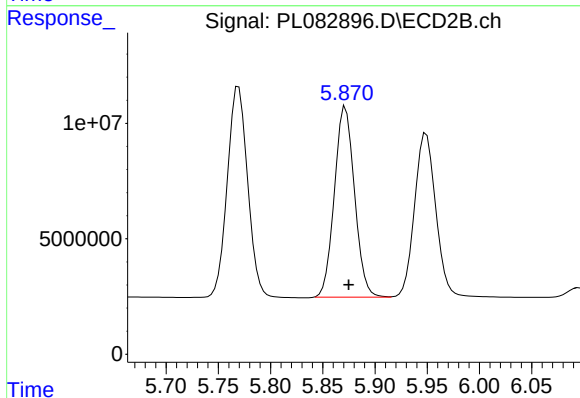
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 116704021
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

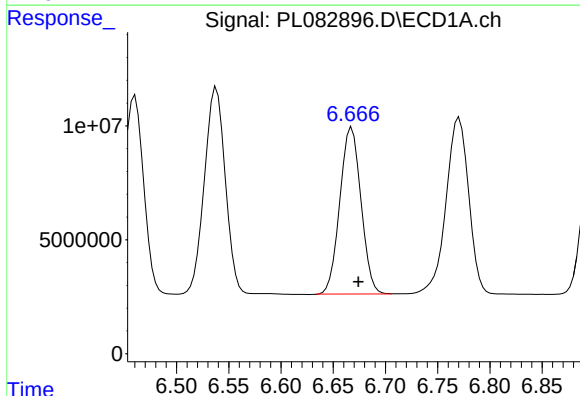
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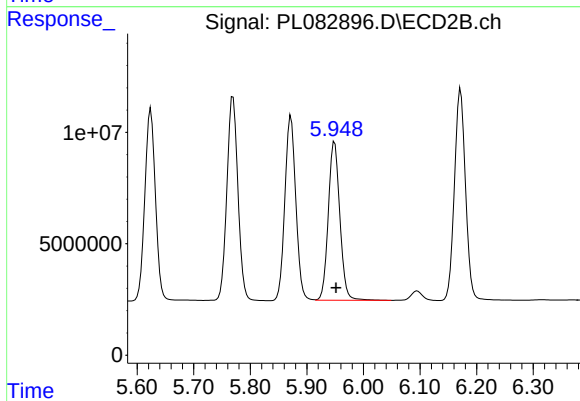
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.003 min
Response: 110767521
Conc: 49.65 ng/ml



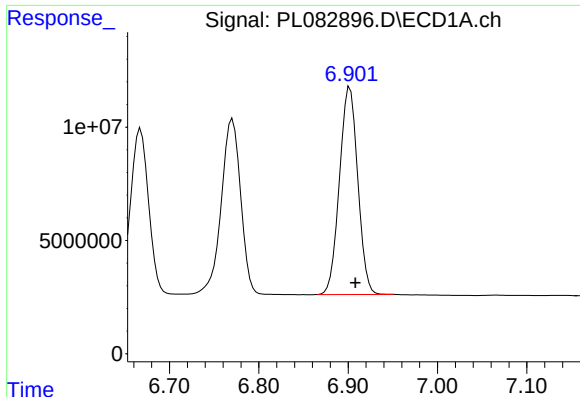
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 103032569
Conc: 51.24 ng/ml m



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 101057733
Conc: 51.10 ng/ml



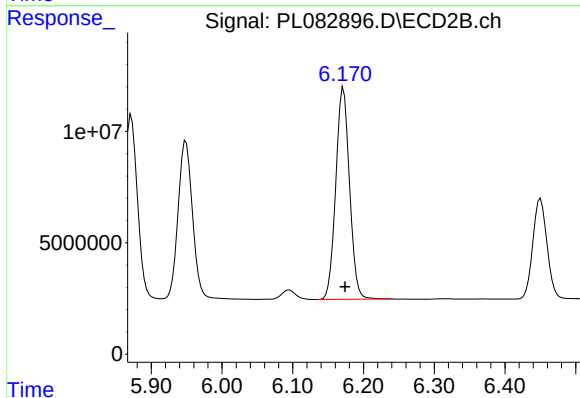
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 130450545
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

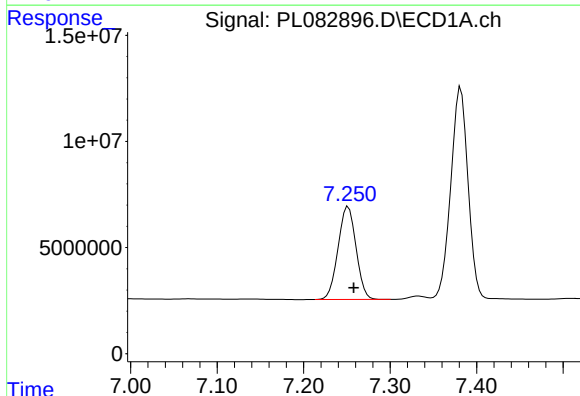
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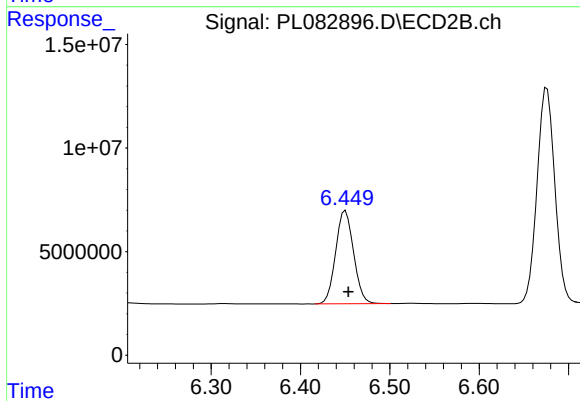
#19 Endosulfan Sulfate

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 128571379
Conc: 52.50 ng/ml



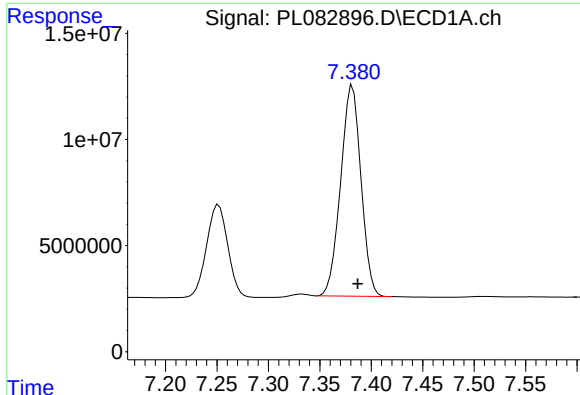
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 62929383
Conc: 47.59 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 62690495
Conc: 49.29 ng/ml



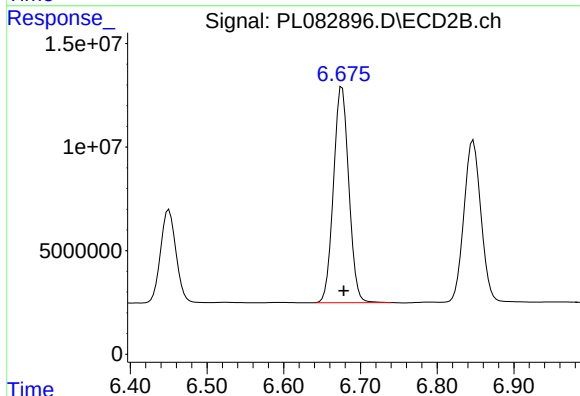
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 136592036
Conc: 53.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

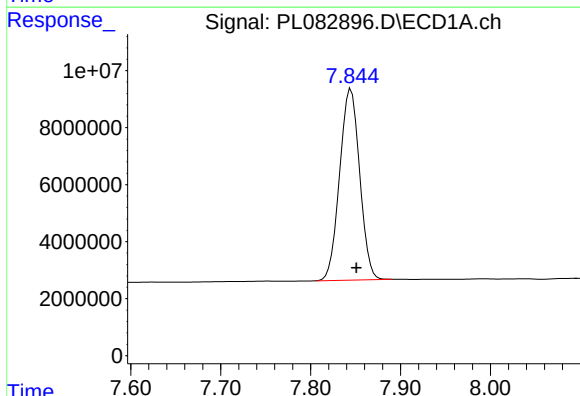
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2023
Supervised By :Ankita Jodhani 05/23/2023



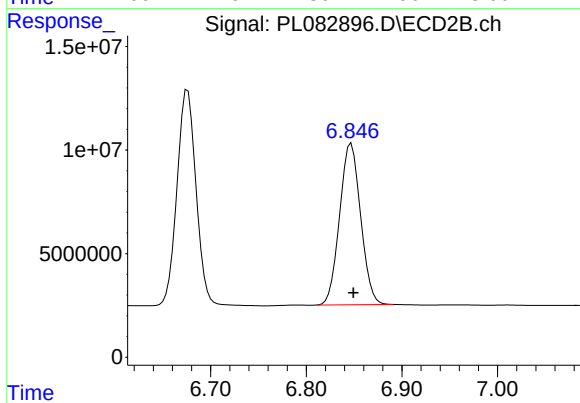
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 144656363
Conc: 53.50 ng/ml



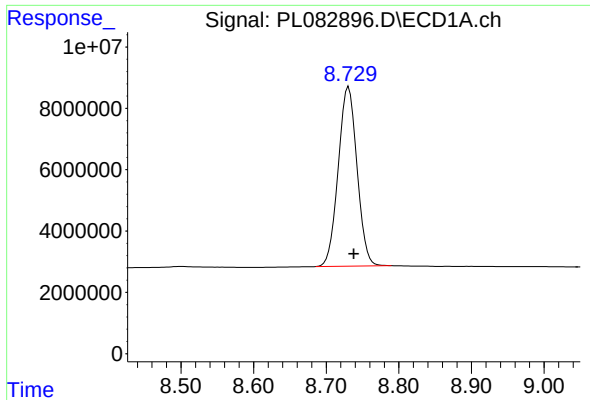
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 103821799
Conc: 49.53 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 119210352
Conc: 50.95 ng/ml



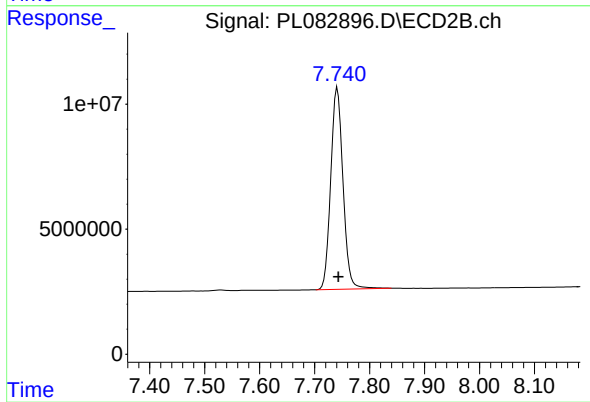
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 105326140
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.002 min
Response: 124892314
Conc: 50.23 ng/ml