

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
 Data File : PL080524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2023 12:43
 Operator : AR\AJ
 Sample : PB150451BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150451BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/26/2023
 Supervised By : Ankita Jodhani 01/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 20:57:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.352	2.688	55558593	54013595	25.903	24.591
28)	SA Decachlor...	8.789	7.836	48670486	59906283	27.800	25.144
Target Compounds							
2)	A alpha-BHC	3.800	3.189	163.2E6	153.2E6	51.524	48.173
3)	MA gamma-BHC...	4.129	3.518	151.3E6	142.3E6	51.461	47.647
4)	MA Heptachlor	4.713	3.859	146.8E6	145.2E6	49.687	45.634
5)	MB Aldrin	5.051	4.138	140.3E6	144.7E6	51.278	49.049
6)	B beta-BHC	4.325	3.814	64513830	61202559	47.262	45.857
7)	B delta-BHC	4.568	4.043	150.0E6	140.5E6	51.811	48.693
8)	B Heptachlo...	5.476	4.640	138.0E6	129.2E6	53.352	46.436
9)	A Endosulfan I	5.858	5.010	116.5E6	111.9E6	49.344	43.012
10)	B gamma-Chl...	5.730	4.891	128.0E6	125.2E6	50.673	44.177
11)	B alpha-Chl...	5.809	4.955	125.8E6	127.6E6	49.831	44.558
12)	B 4,4'-DDE	5.988	5.148	111.9E6	112.4E6	50.234	47.654
13)	MA Dieldrin	6.132	5.274	121.0E6	125.0E6	50.539	46.203m
14)	MA Endrin	6.358	5.549	106.0E6	111.1E6	49.002m	47.859
15)	B Endosulfa...	6.578	5.843	106.1E6	109.1E6	46.283	52.379
16)	A 4,4'-DDD	6.502	5.702	96660020	94447533	52.762	50.259
17)	MA 4,4'-DDT	6.815	5.953	94870266	92767810	45.662	44.144
18)	B Endrin al...	6.707	6.023	88685427	90104567	53.316	49.342
19)	B Endosulfa...	6.941	6.246	105.3E6	109.1E6	50.883	46.921
20)	A Methoxychlor	7.292	6.531	50027149	53075865	45.344	43.739
21)	B Endrin ke...	7.421	6.751	113.2E6	119.5E6	51.291	46.810
22)	Mirex	7.893	6.934	86138603	105.6E6	50.087	46.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012523\
Data File : PL080524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2023 12:43
Operator : AR\AJ
Sample : PB150451BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

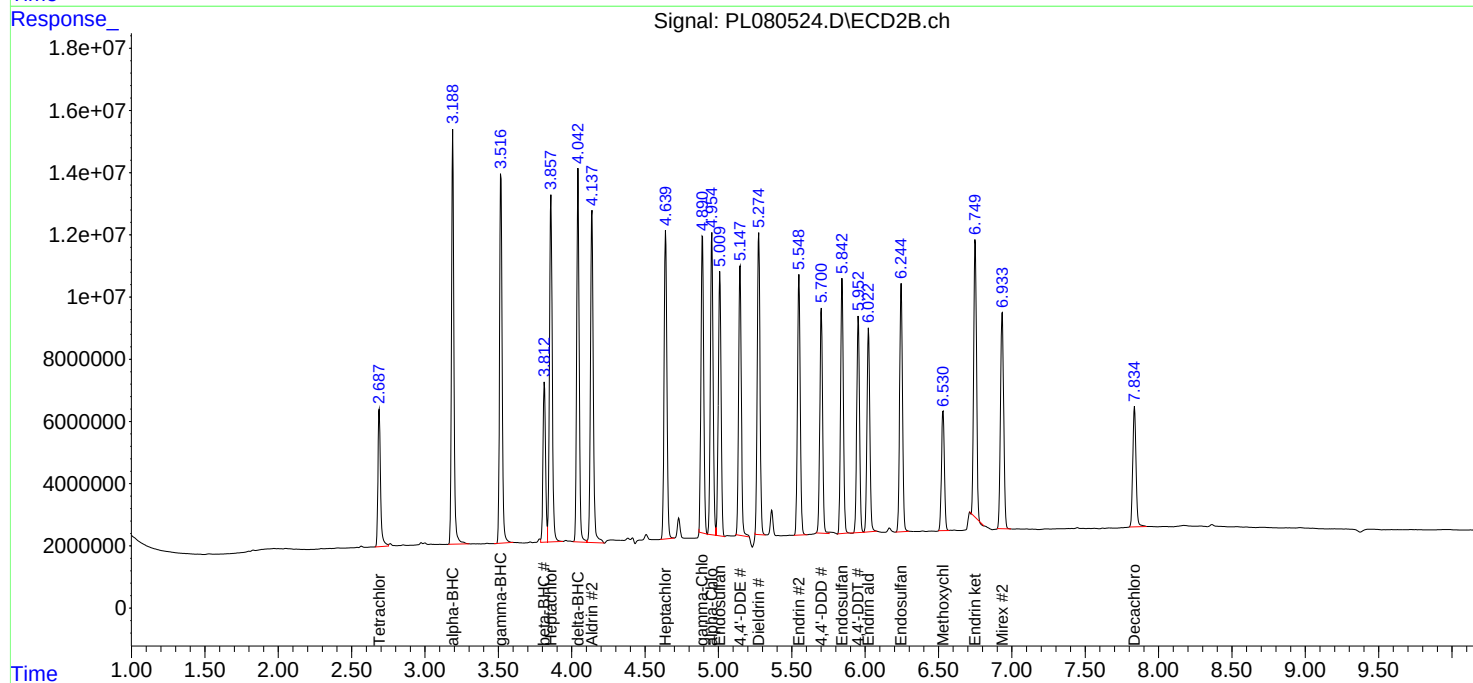
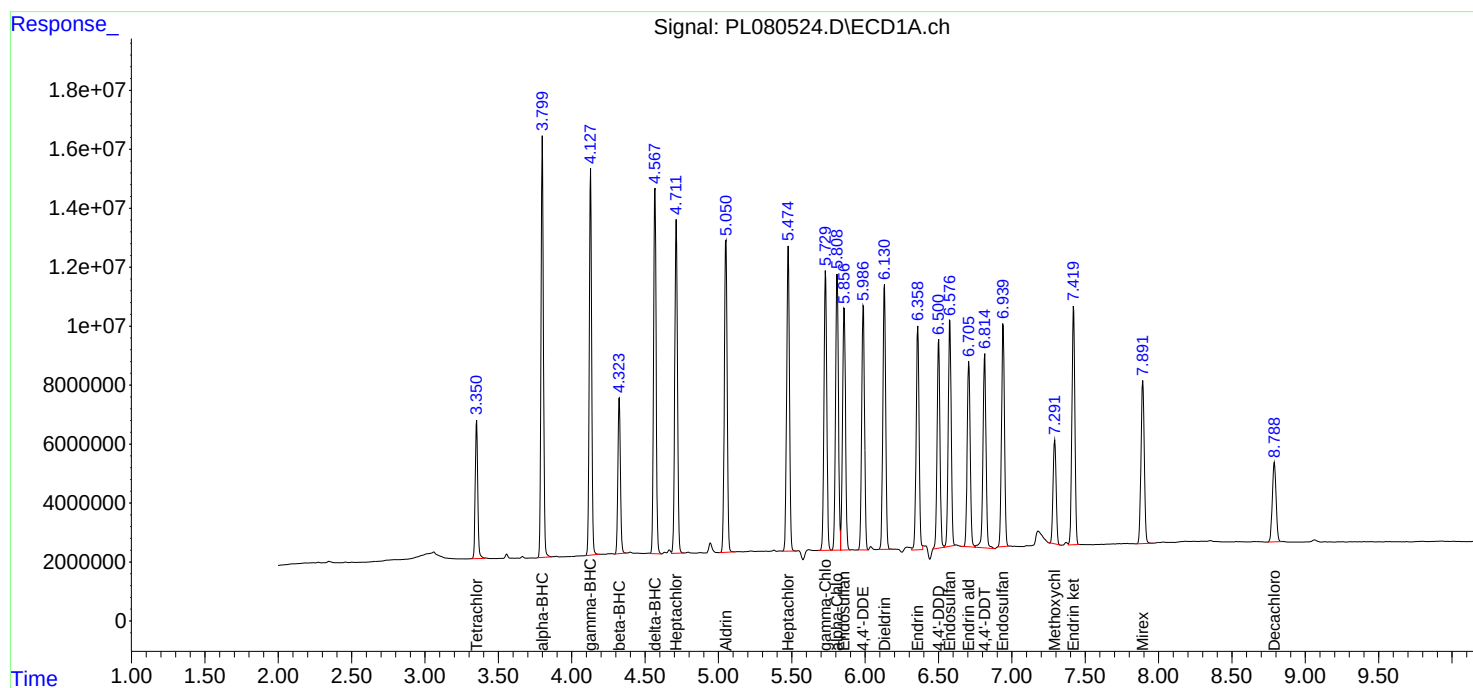
Instrument :
ECD_L
ClientSampleId :
PB150451BS

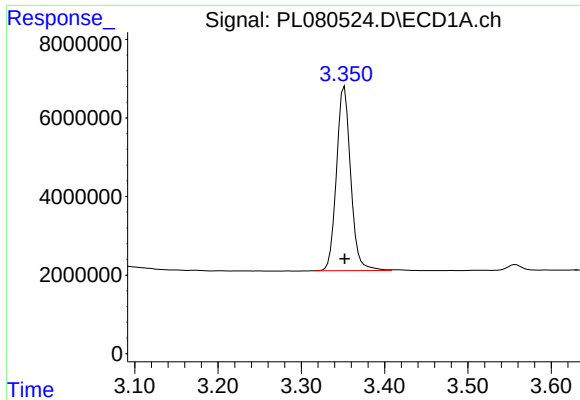
Manual Integrations
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Reviewed By :Abdul Mirza 01/26/2023
Supervised By :Ankita Jodhani 01/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 20:57:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





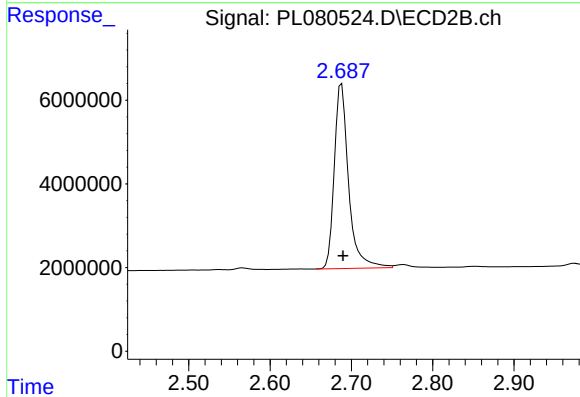
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 55558593
Conc: 25.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

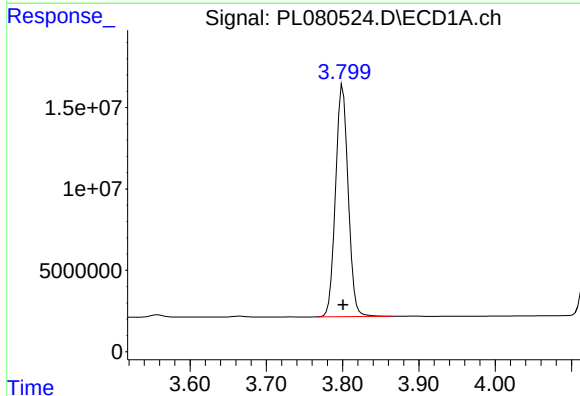
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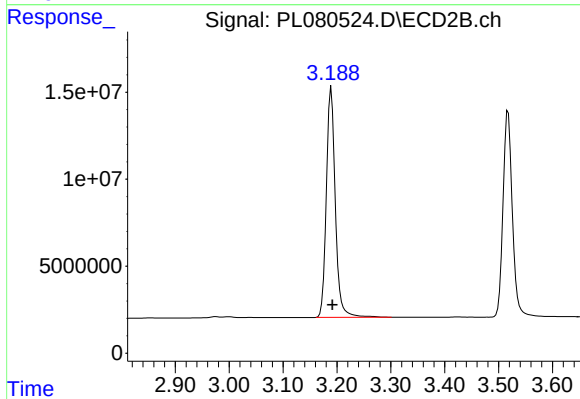
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 54013595
Conc: 24.59 ng/ml



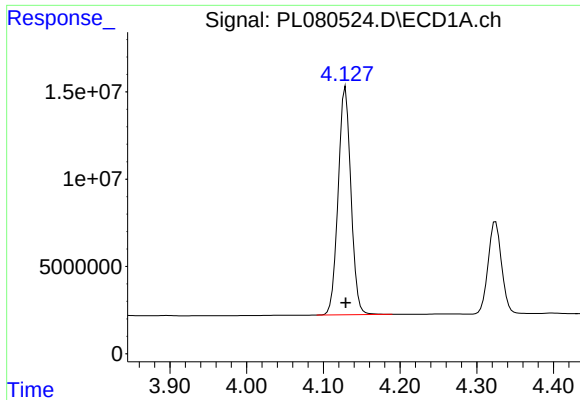
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 163229475
Conc: 51.52 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 153210696
Conc: 48.17 ng/ml



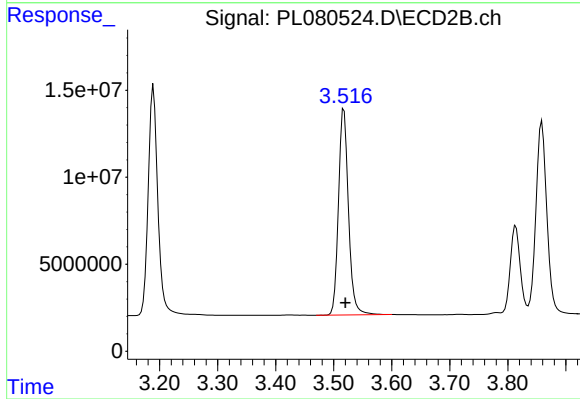
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 151284426
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

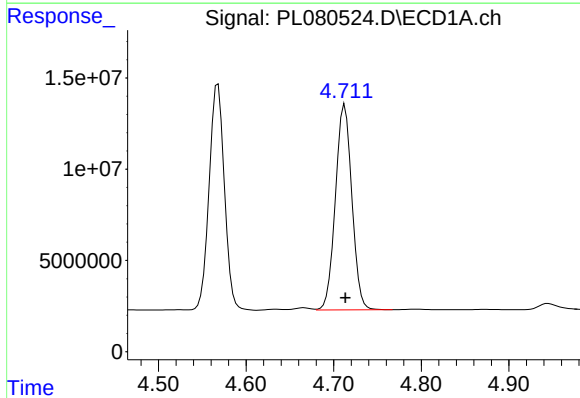
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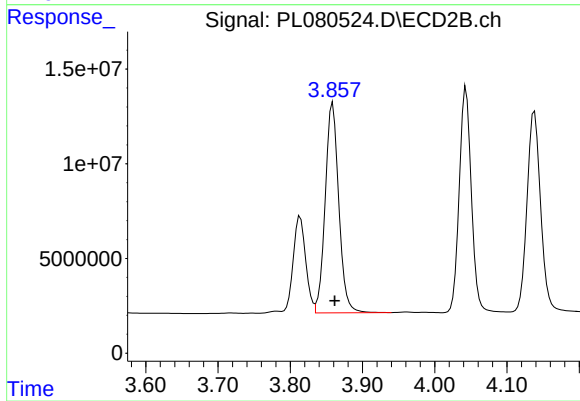
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 142335426
Conc: 47.65 ng/ml



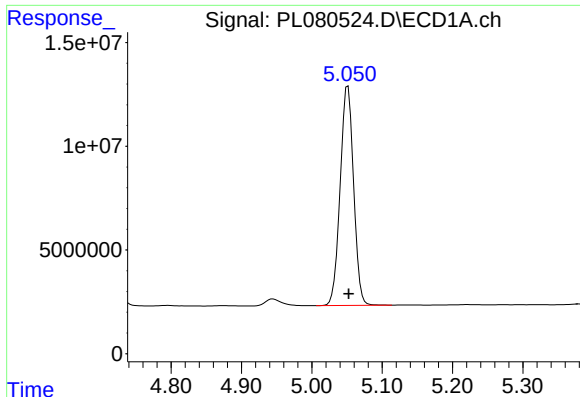
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 146837480
Conc: 49.69 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 145224069
Conc: 45.63 ng/ml



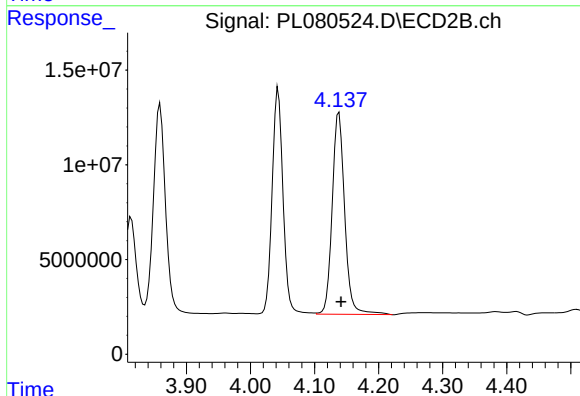
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 140285227
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

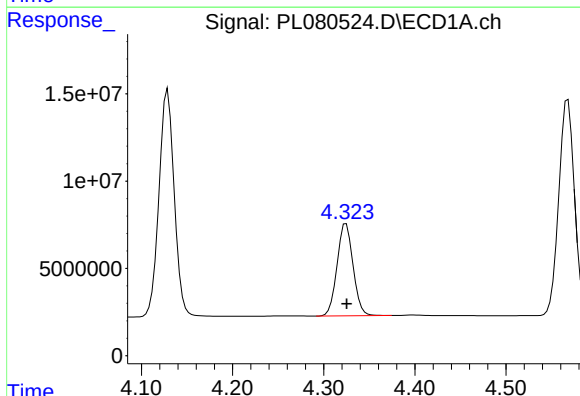
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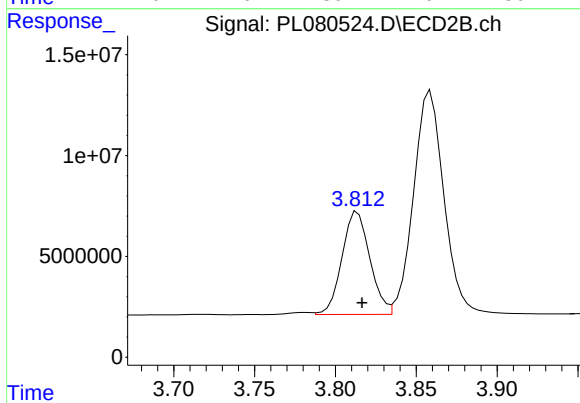
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 144674222
Conc: 49.05 ng/ml



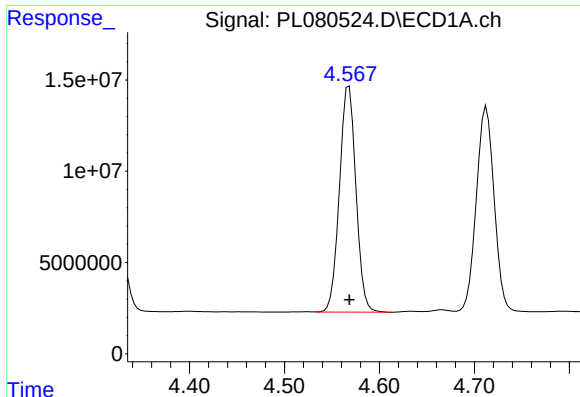
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 64513830
Conc: 47.26 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 61202559
Conc: 45.86 ng/ml



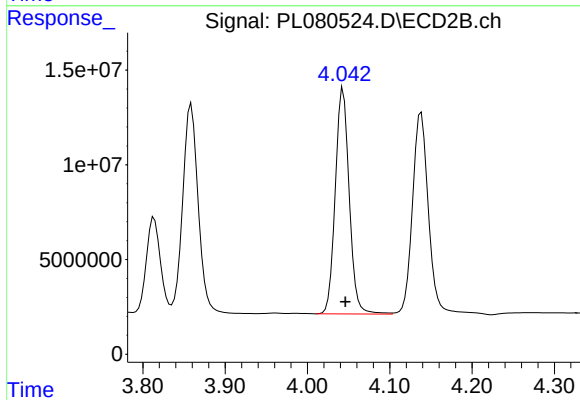
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 149991957
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

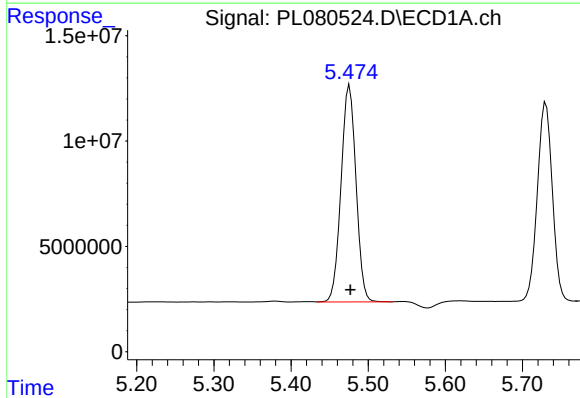
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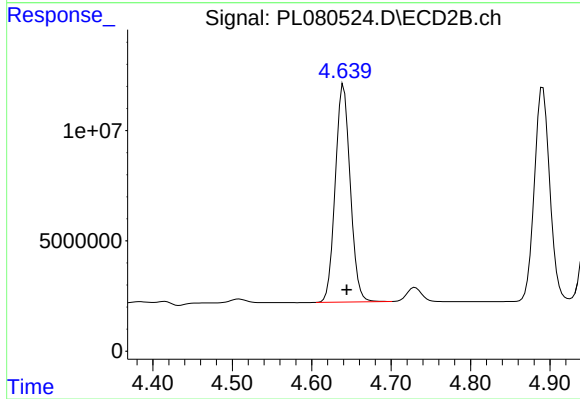
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 140453044
Conc: 48.69 ng/ml



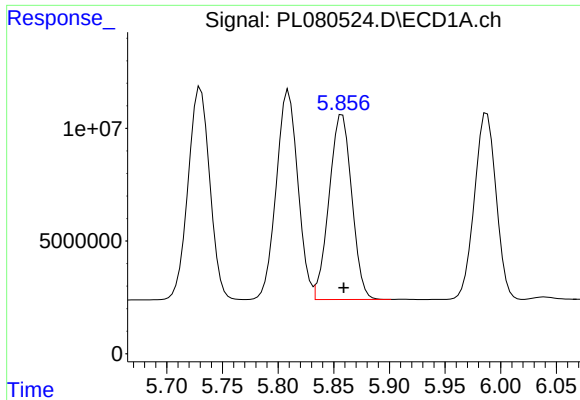
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 138024072
Conc: 53.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 129201805
Conc: 46.44 ng/ml



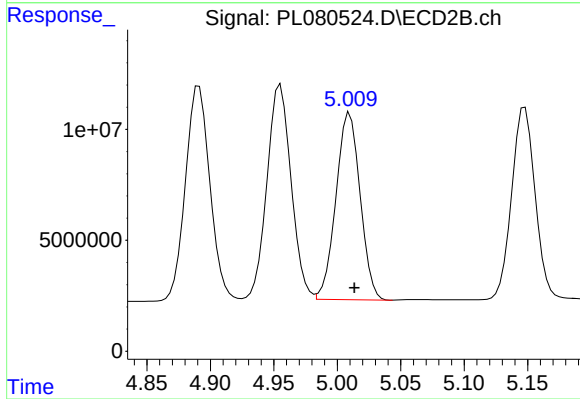
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 116524699
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

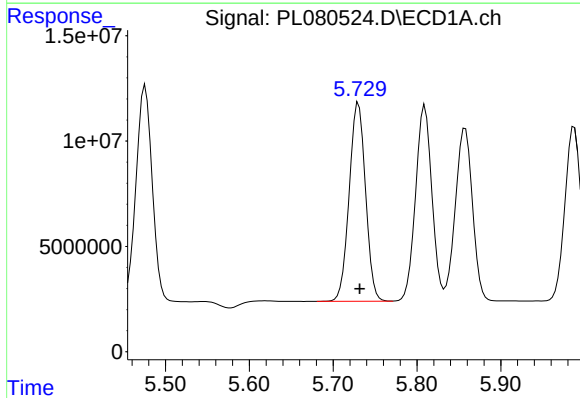
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Supervised By :Ankita Jodhani 01/26/2023



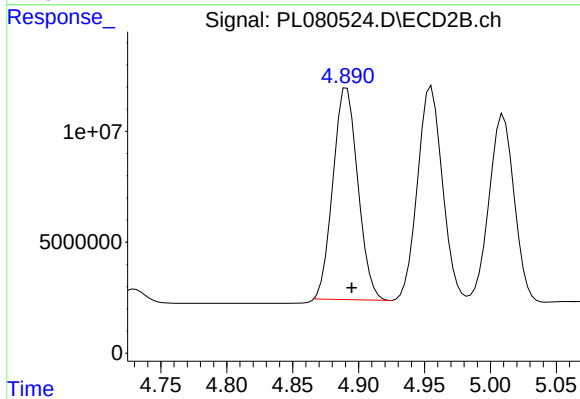
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 111888843
Conc: 43.01 ng/ml



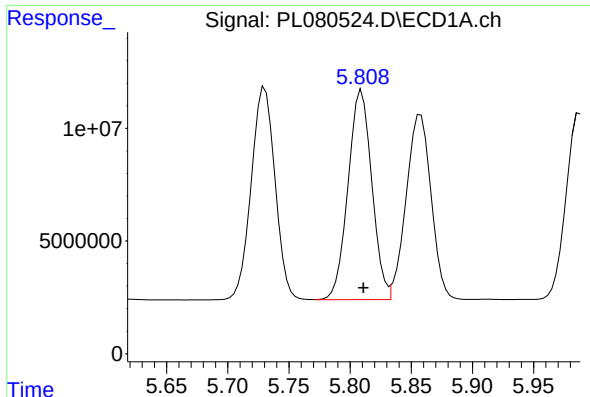
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.001 min
Response: 127985143
Conc: 50.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 125207506
Conc: 44.18 ng/ml



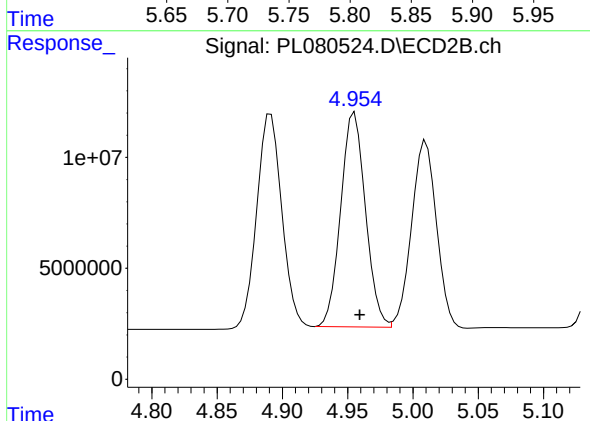
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 125787791
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

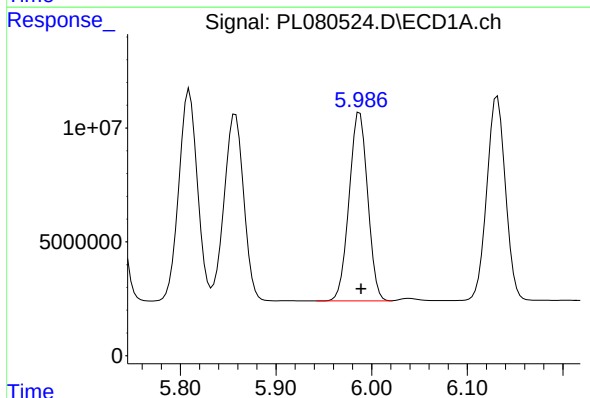
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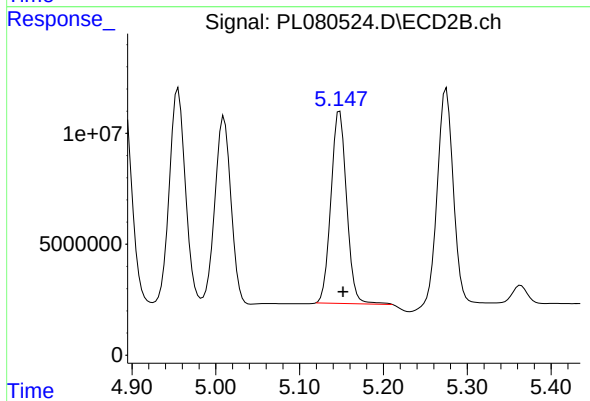
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 127643608
Conc: 44.56 ng/ml



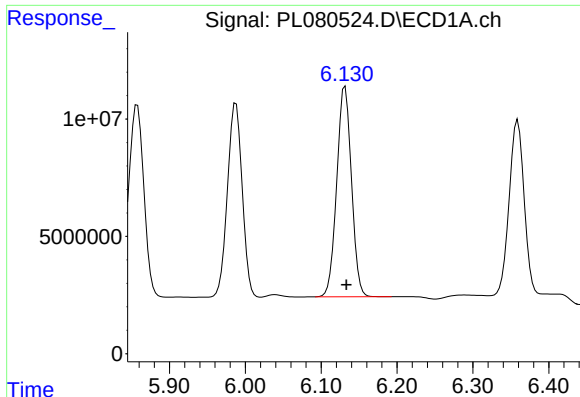
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 111887900
Conc: 50.23 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 112407218
Conc: 47.65 ng/ml



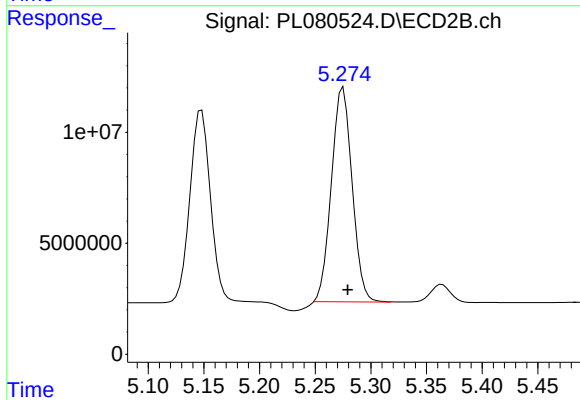
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 120958678
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

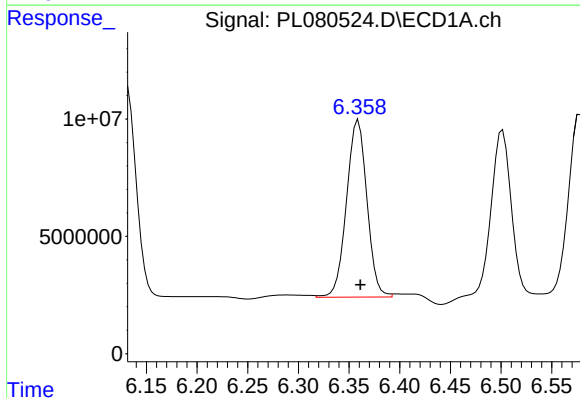
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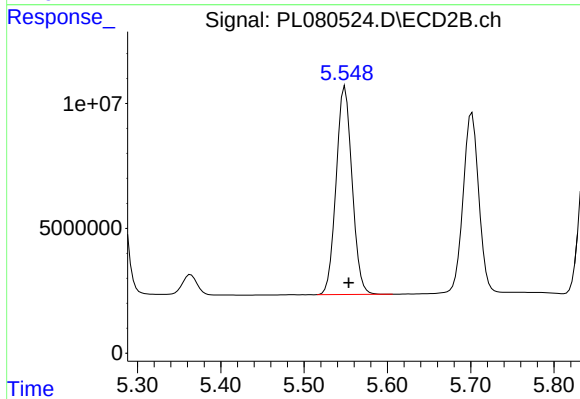
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 124976355
Conc: 46.20 ng/ml m



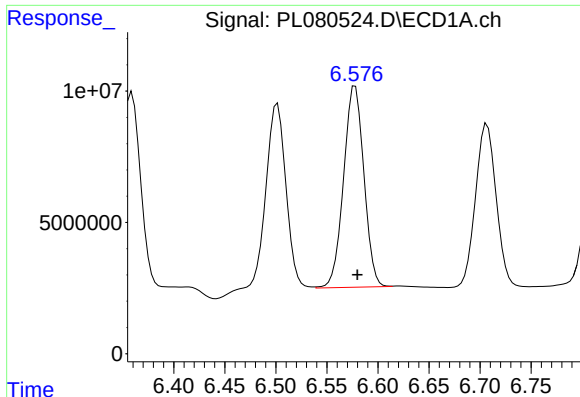
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 105976586
Conc: 49.00 ng/ml m



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 111089439
Conc: 47.86 ng/ml



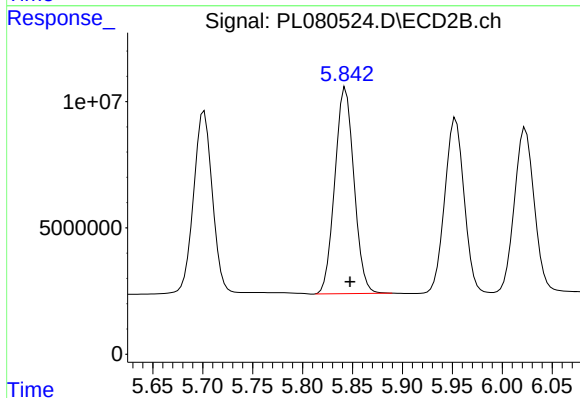
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 106096175
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

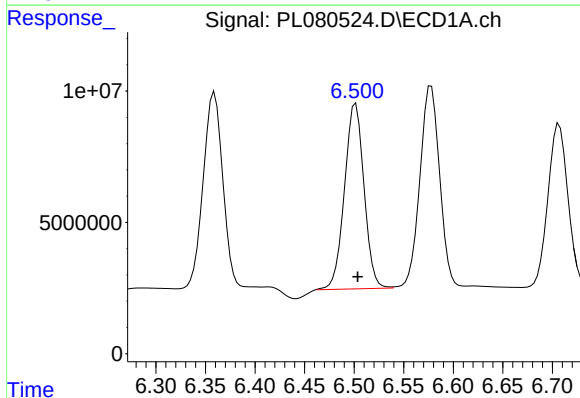
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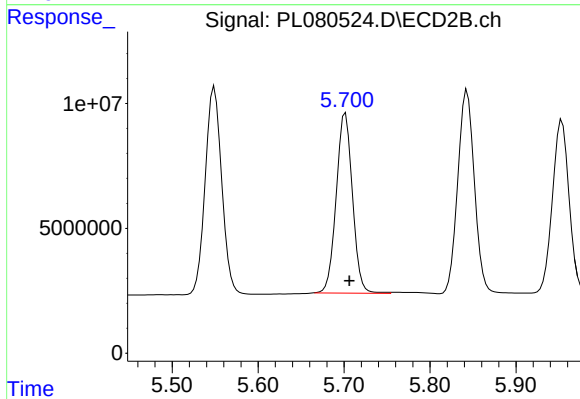
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 109143328
Conc: 52.38 ng/ml



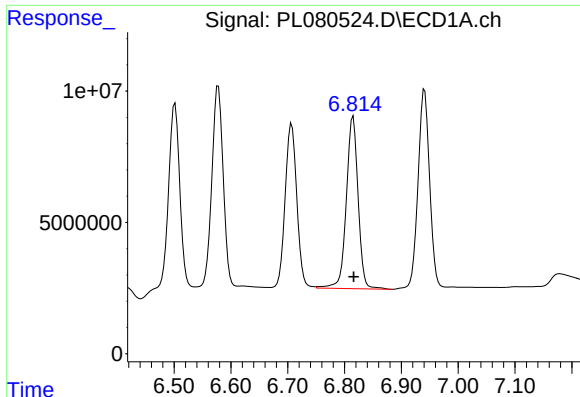
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 96660020
Conc: 52.76 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 94447533
Conc: 50.26 ng/ml



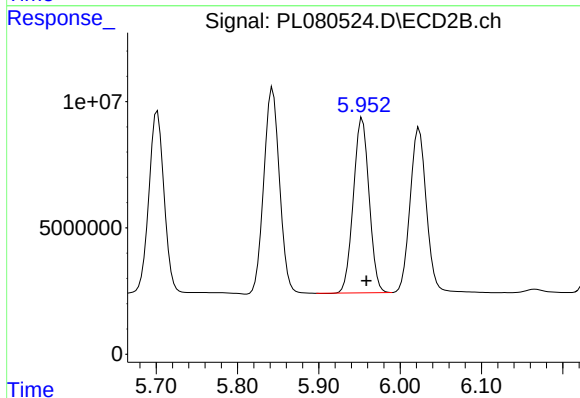
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 94870266
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

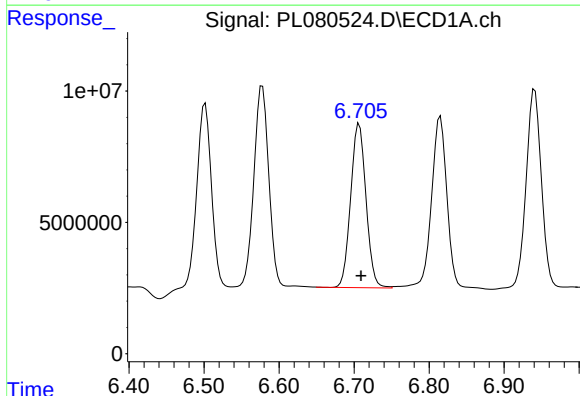
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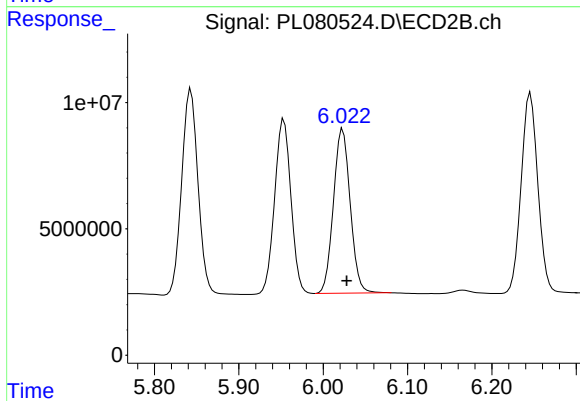
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 92767810
Conc: 44.14 ng/ml



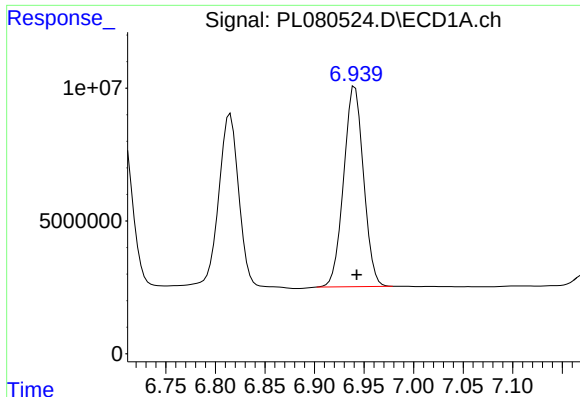
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 88685427
Conc: 53.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 90104567
Conc: 49.34 ng/ml



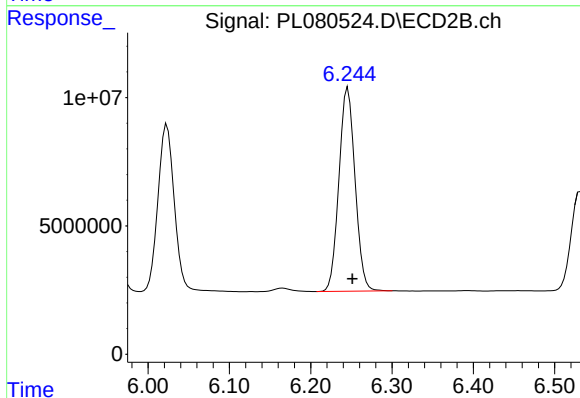
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 105322889
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

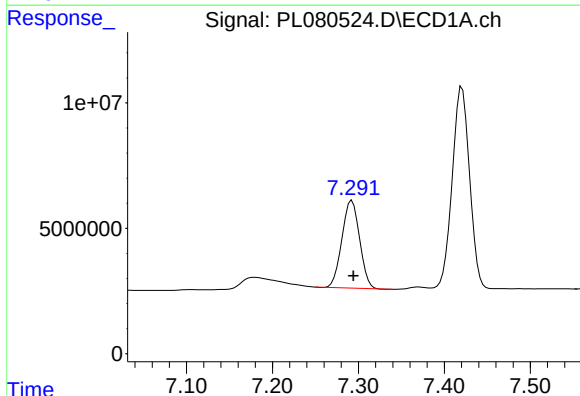
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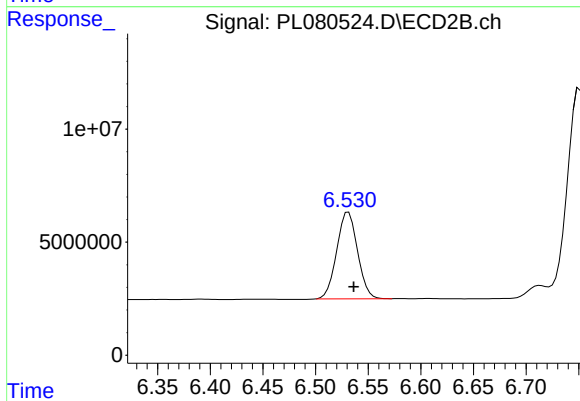
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 109122396
Conc: 46.92 ng/ml



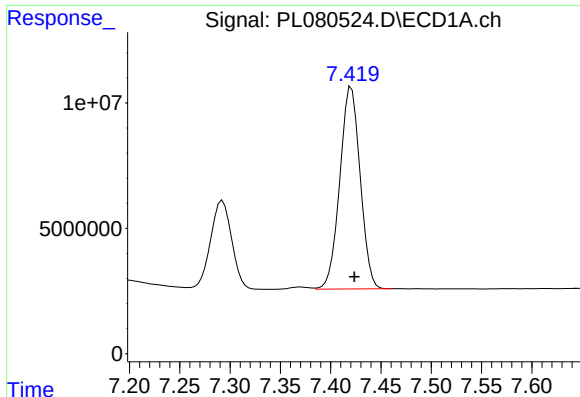
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 50027149
Conc: 45.34 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 53075865
Conc: 43.74 ng/ml



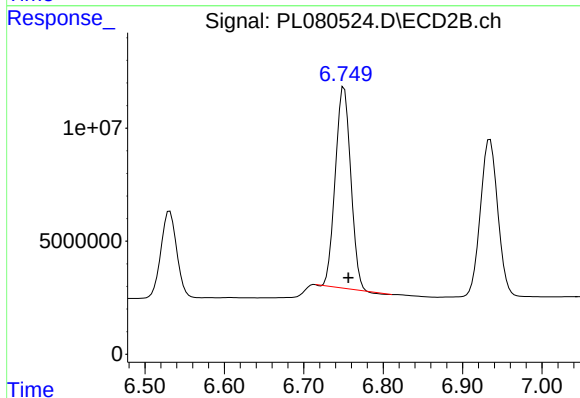
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 113164951
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

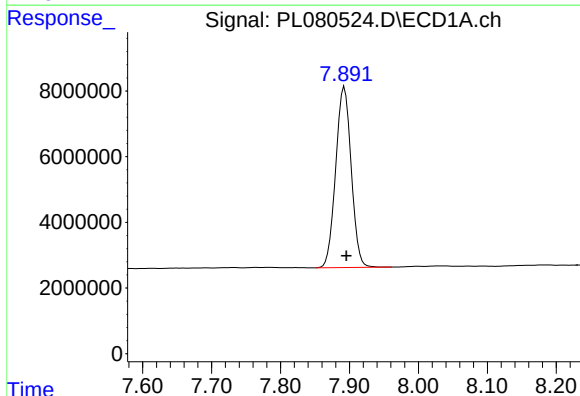
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Supervised By :Ankita Jodhani 01/26/2023



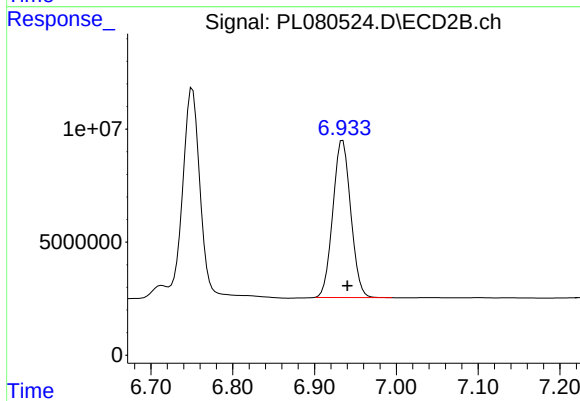
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 119516590
Conc: 46.81 ng/ml



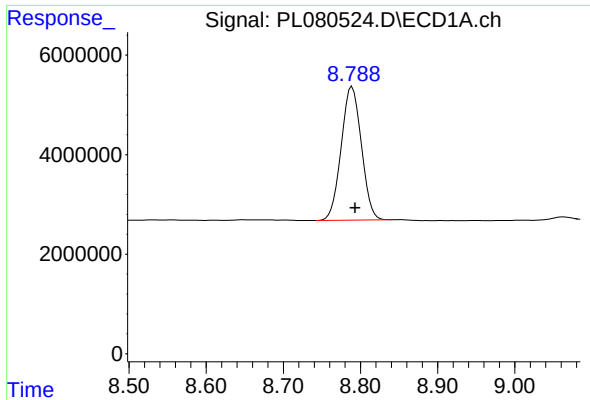
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 86138603
Conc: 50.09 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 105641544
Conc: 46.40 ng/ml



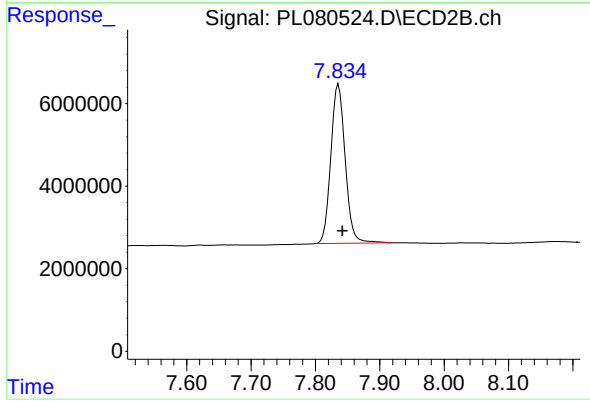
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 48670486
Conc: 27.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150451BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2023
Supervised By :Ankita Jodhani 01/26/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 59906283
Conc: 25.14 ng/ml