

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
 Data File : PL080924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2023 18:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/15/2023
 Supervised By : Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 03:41:30 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...	3.351	2.687	115.1E6	117.9E6	53.662	53.684
28)	SA Decachlor...	8.786	7.830	84176911	105.8E6	48.080	44.412
Target Compounds							
2)	A alpha-BHC	3.799	3.188	178.5E6	173.8E6	56.343	54.647
3)	MA gamma-BHC...	4.127	3.516	164.9E6	161.5E6	56.086	54.058
4)	MA Heptachlor	4.710	3.856	155.7E6	160.0E6	52.670	50.273
5)	MB Aldrin	5.049	4.135	148.7E6	154.6E6	54.366	52.404
6)	B beta-BHC	4.323	3.812	72793545	70243759	53.328	52.632
7)	B delta-BHC	4.566	4.041	162.2E6	155.7E6	56.039	53.973
8)	B Heptachlo...	5.473	4.637	137.2E6	143.1E6	53.021	51.419
9)	A Endosulfan I	5.855	5.006	126.4E6	130.4E6	53.531	50.141
10)	B gamma-Chl...	5.728	4.886	138.1E6	146.0E6	54.665	51.517m
11)	B alpha-Chl...	5.807	4.952	135.9E6	141.4E6	53.823	49.343
12)	B 4,4'-DDE	5.985	5.143	120.5E6	122.9E6	54.115	52.122m
13)	MA Dieldrin	6.129	5.270	129.3E6	136.8E6	54.020	50.583m
14)	MA Endrin	6.356	5.546	107.1E6	111.0E6	49.520	47.820
15)	B Endosulfa...	6.575	5.839	105.7E6	110.1E6	46.126	52.838
16)	A 4,4'-DDD	6.498	5.698	104.6E6	107.9E6	57.084	57.422
17)	MA 4,4'-DDT	6.812	5.949	90629581	93301727	43.621	44.398
18)	B Endrin al...	6.705	6.019	84564486	88967537	50.838	48.720
19)	B Endosulfa...	6.938	6.242	108.9E6	117.2E6	52.591	50.393
20)	A Methoxychlor	7.290	6.527	46780450	50999379	42.401	42.028
21)	B Endrin ke...	7.418	6.747	115.2E6	134.1E6	52.230	52.511
22)	Mirex	7.890	6.930	85510364	105.8E6	49.721	46.462

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021423\
Data File : PL080924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2023 18:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

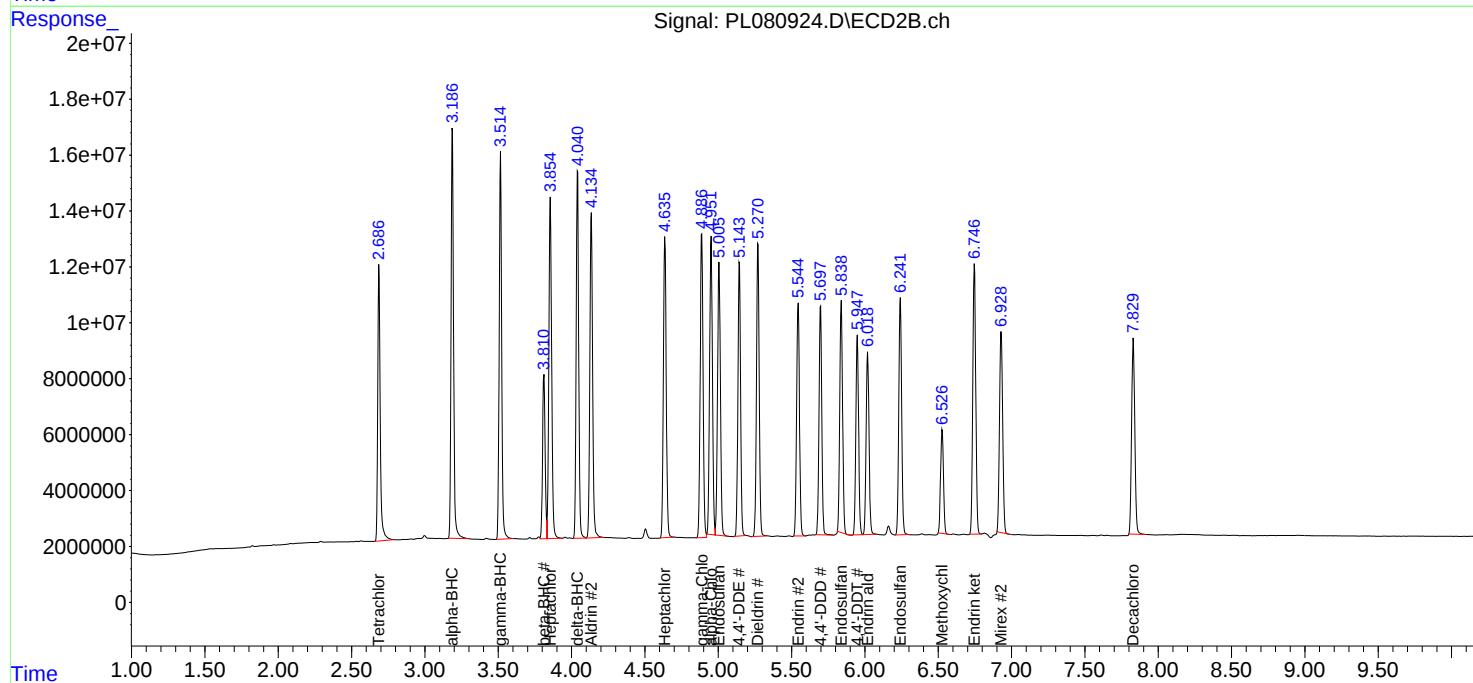
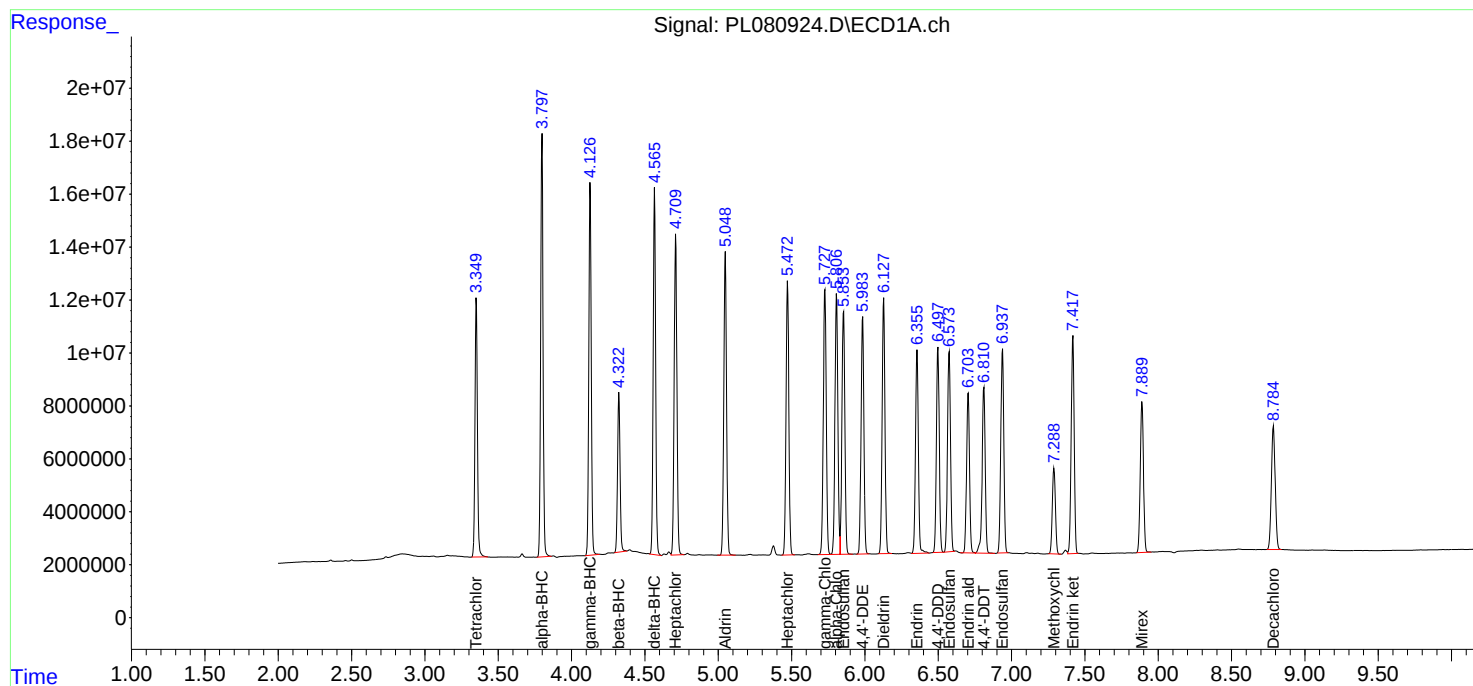
APPROVED

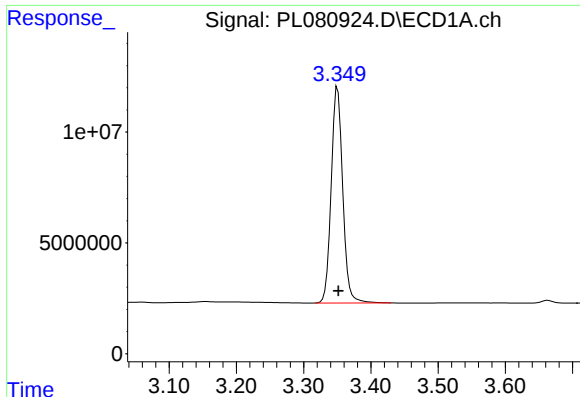
Reviewed By :Abdul Mirza 02/15/2023

Supervised By :Ankita Jodhani 02/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 03:41:30 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





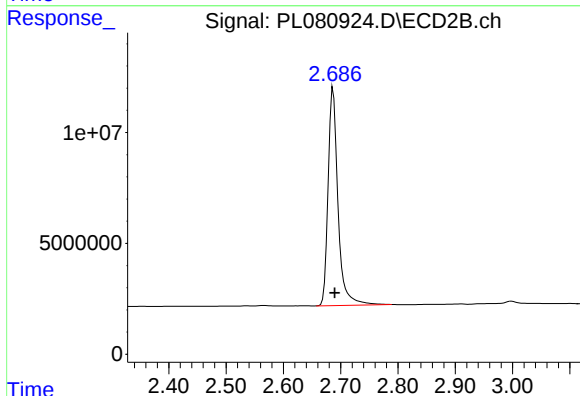
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 115094959
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

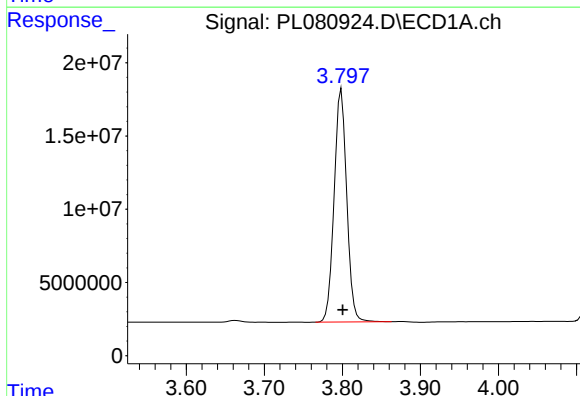
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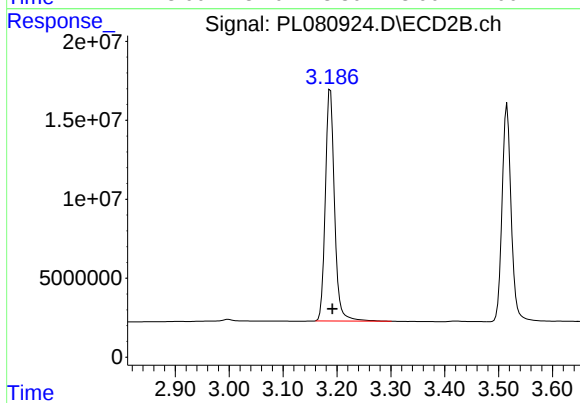
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 117915007
Conc: 53.68 ng/ml



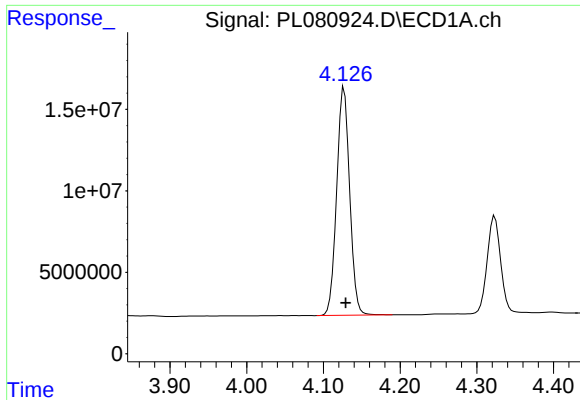
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 178495256
Conc: 56.34 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 173801431
Conc: 54.65 ng/ml



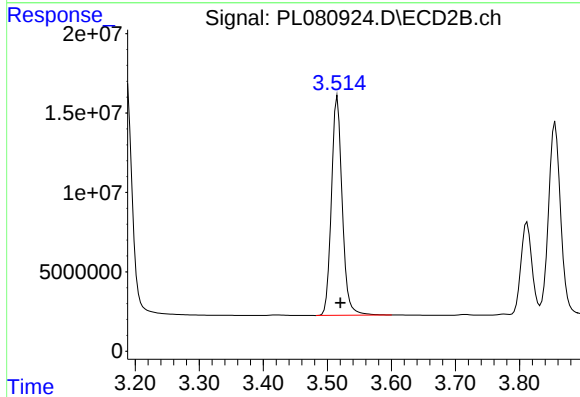
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 164879798
Conc: 56.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

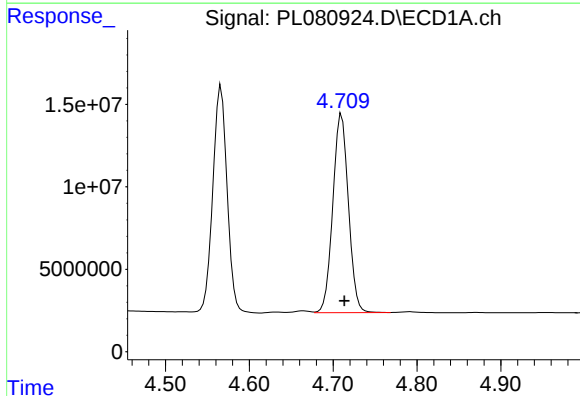
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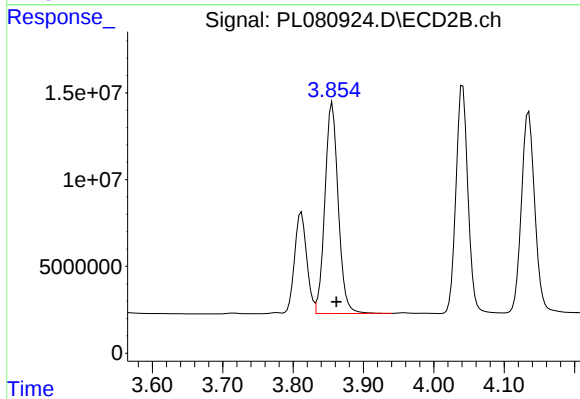
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.005 min
Response: 161488850
Conc: 54.06 ng/ml



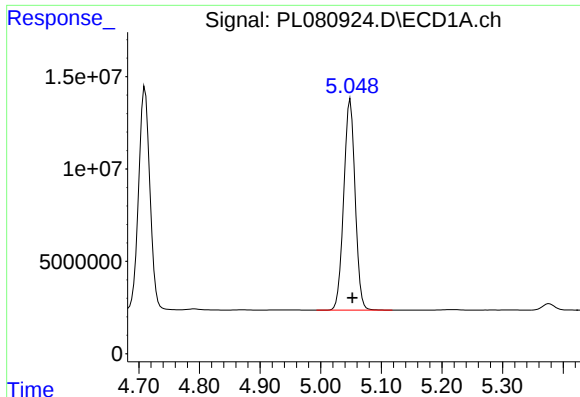
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 155651862
Conc: 52.67 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.006 min
Response: 159987755
Conc: 50.27 ng/ml



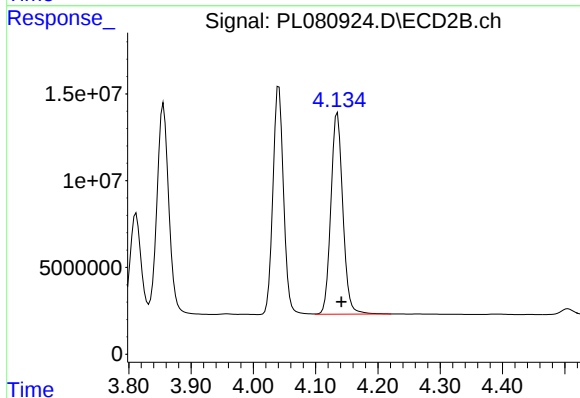
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 148733224
Conc: 54.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

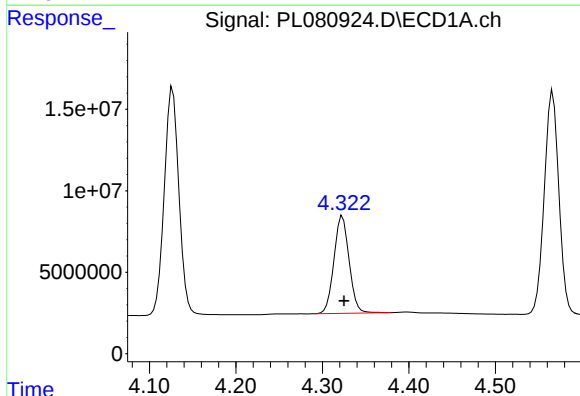
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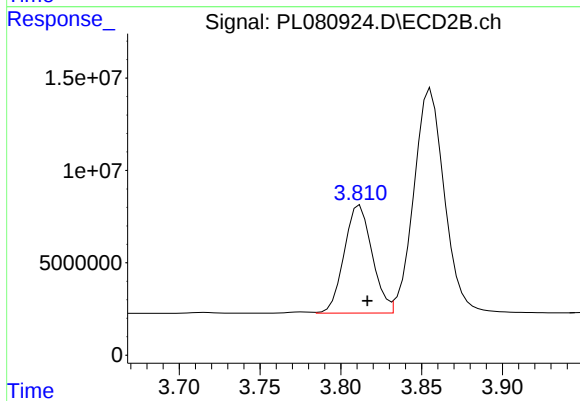
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 154568435
Conc: 52.40 ng/ml



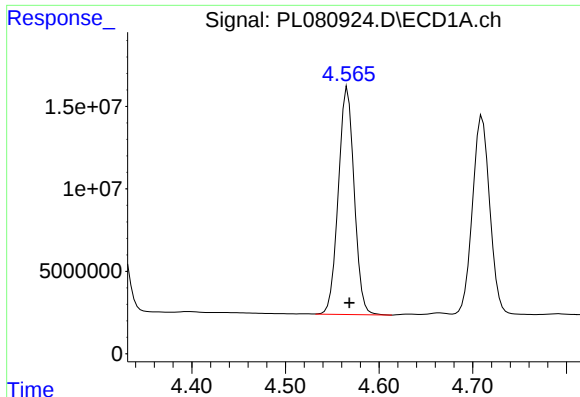
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 72793545
Conc: 53.33 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.005 min
Response: 70243759
Conc: 52.63 ng/ml



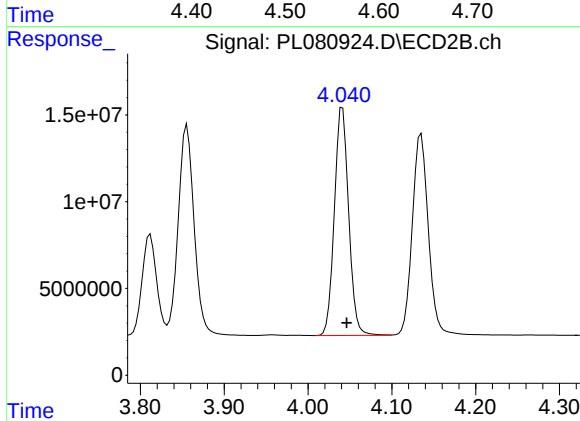
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 162232762
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

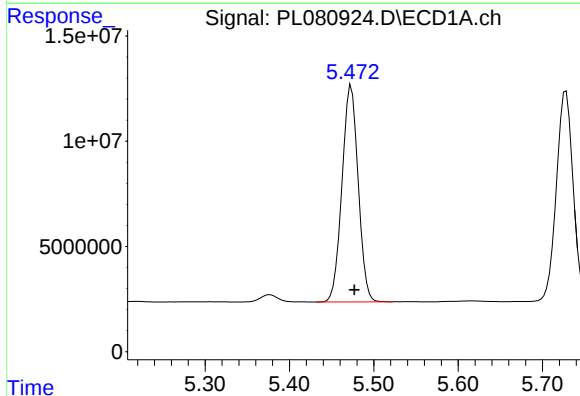
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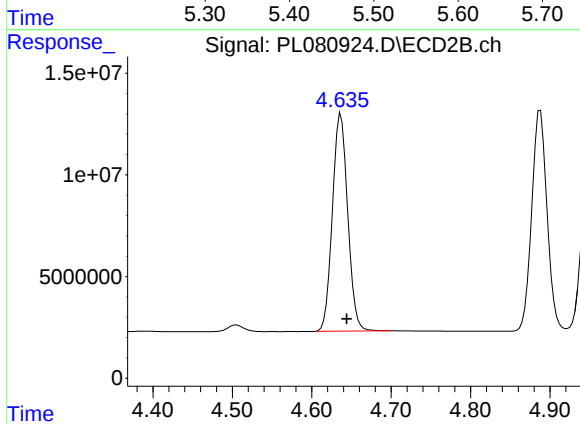
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.005 min
Response: 155681743
Conc: 53.97 ng/ml



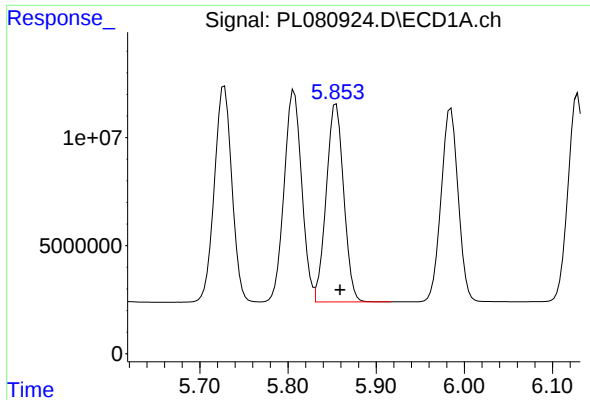
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 137167586
Conc: 53.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.007 min
Response: 143065583
Conc: 51.42 ng/ml



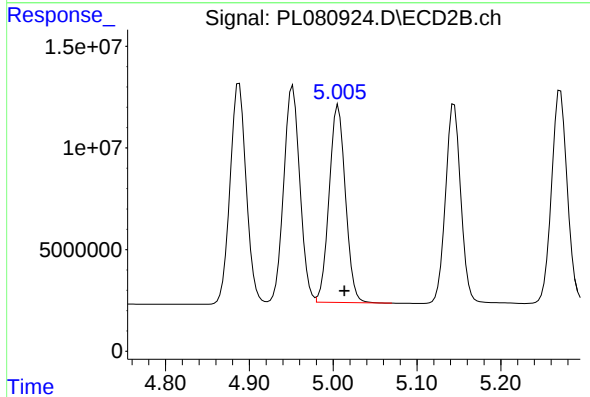
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 126411452
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

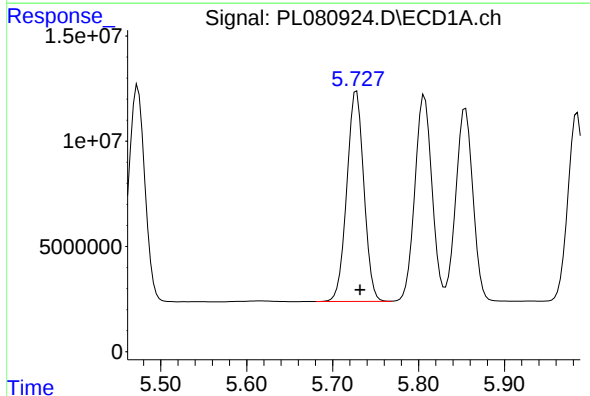
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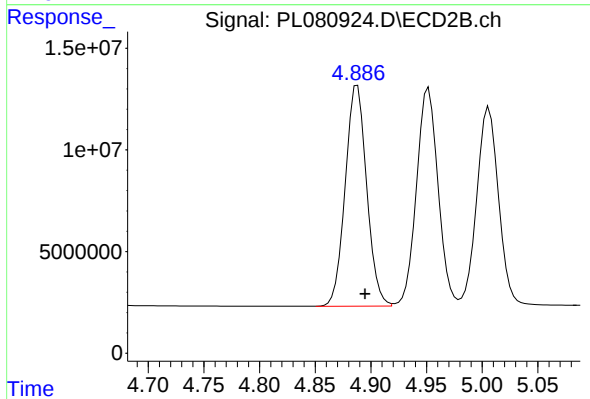
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.007 min
Response: 130433035
Conc: 50.14 ng/ml



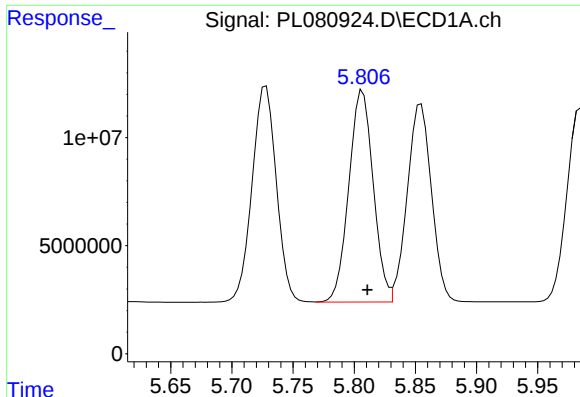
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 138068029
Conc: 54.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.008 min
Response: 146010811
Conc: 51.52 ng/ml m



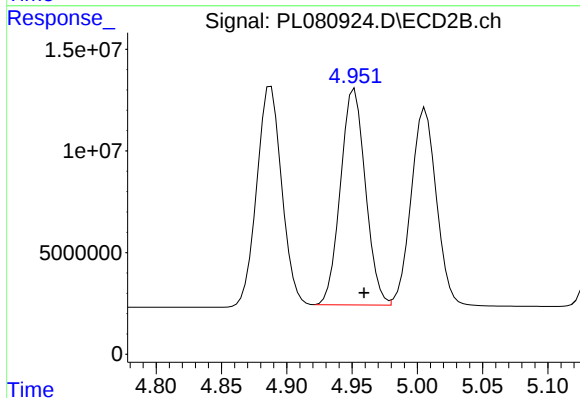
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 135864803
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

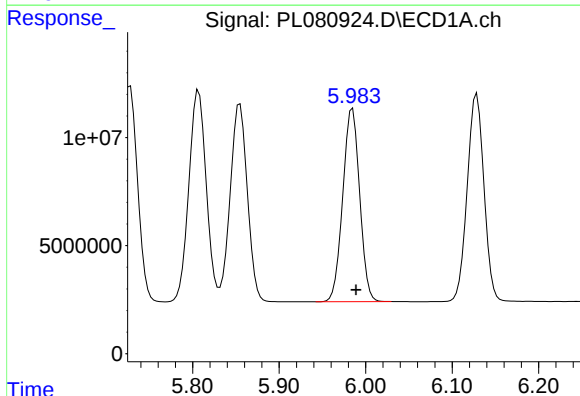
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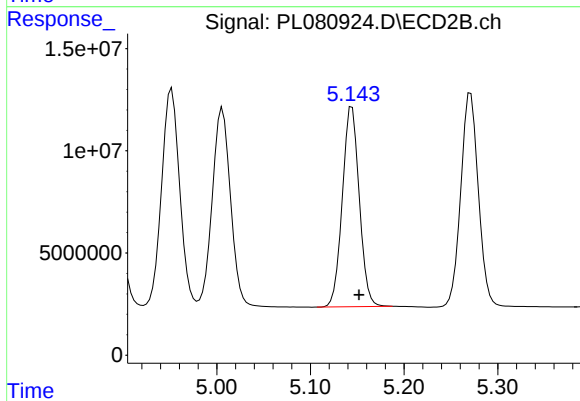
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 141350617
Conc: 49.34 ng/ml



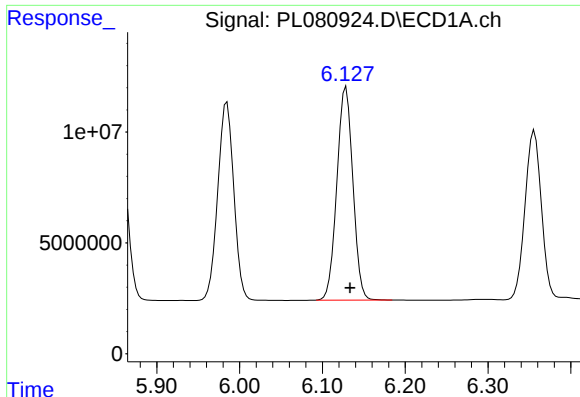
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 120532848
Conc: 54.12 ng/ml



#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.009 min
Response: 122947288
Conc: 52.12 ng/ml m



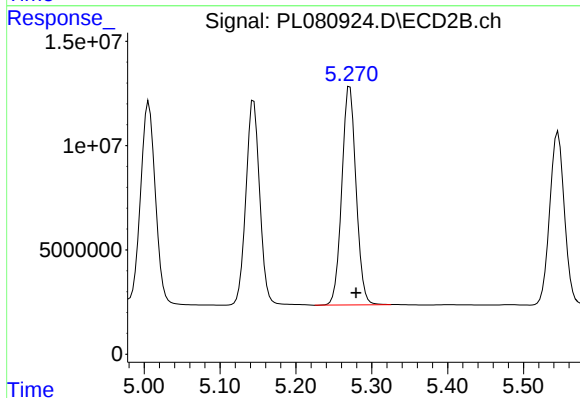
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 129289381
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

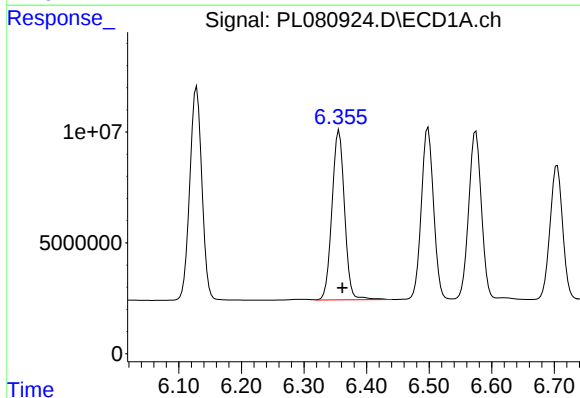
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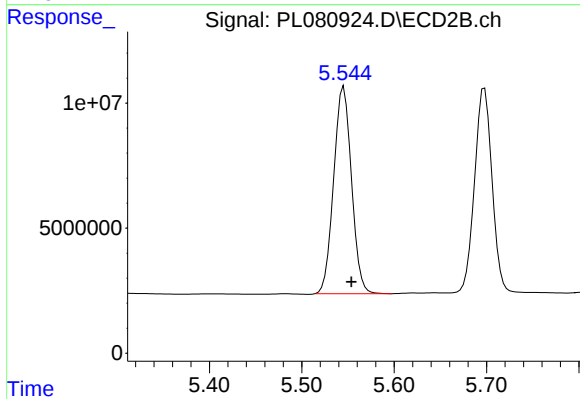
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.009 min
Response: 136825981
Conc: 50.58 ng/ml m



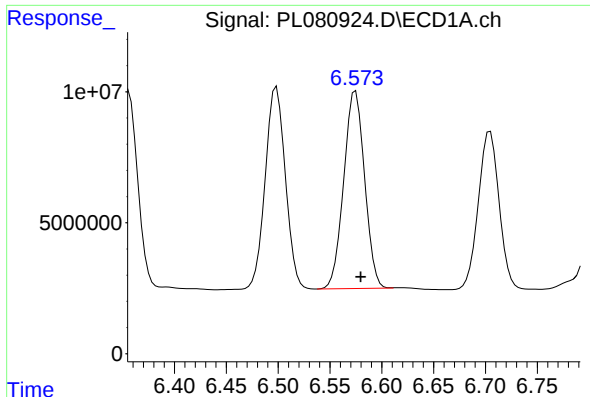
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 107097485
Conc: 49.52 ng/ml



#14 Endrin

R.T.: 5.546 min
Delta R.T.: -0.008 min
Response: 110998967
Conc: 47.82 ng/ml



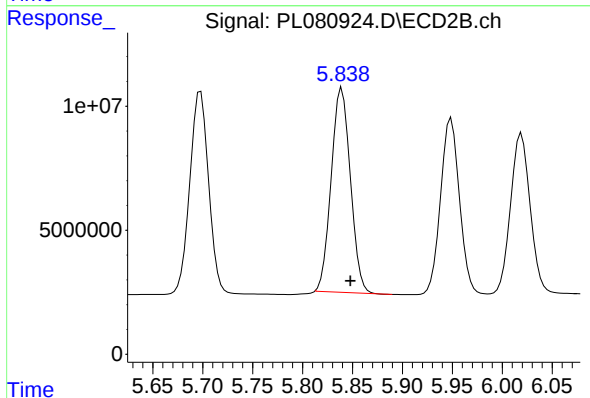
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 105735536
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

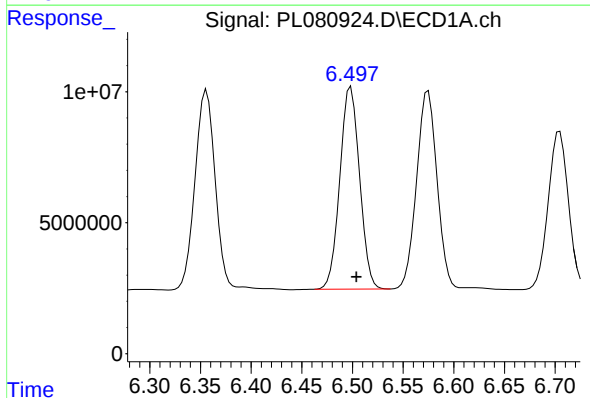
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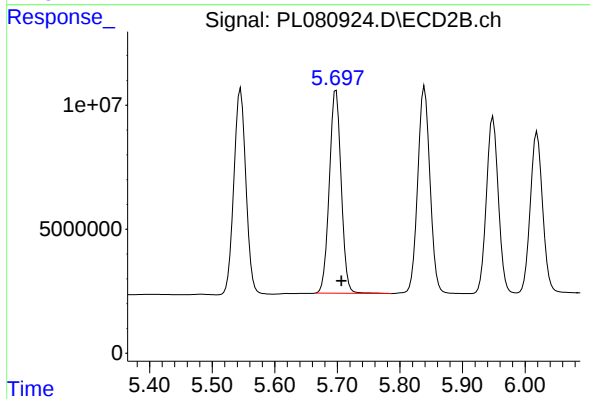
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 110100532
Conc: 52.84 ng/ml



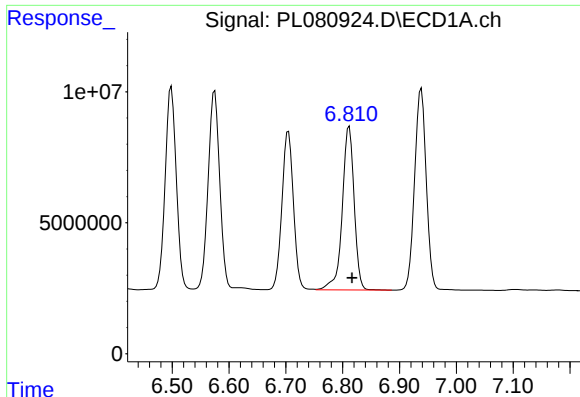
#16 4,4'-DDD

R.T.: 6.498 min
Delta R.T.: -0.005 min
Response: 104577783
Conc: 57.08 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 107907248
Conc: 57.42 ng/ml



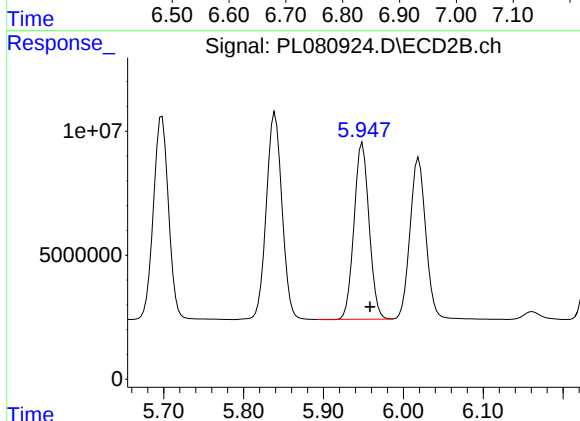
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.005 min
Response: 90629581
Conc: 43.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

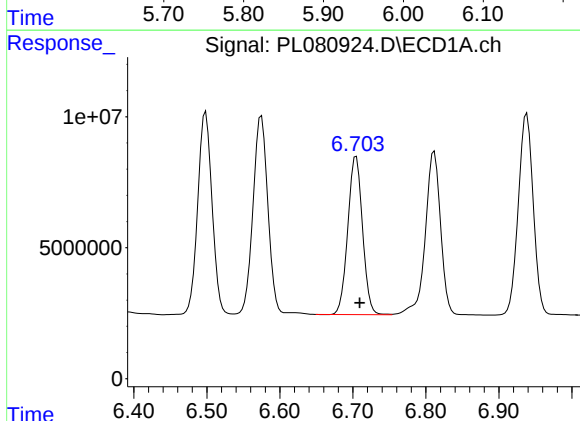
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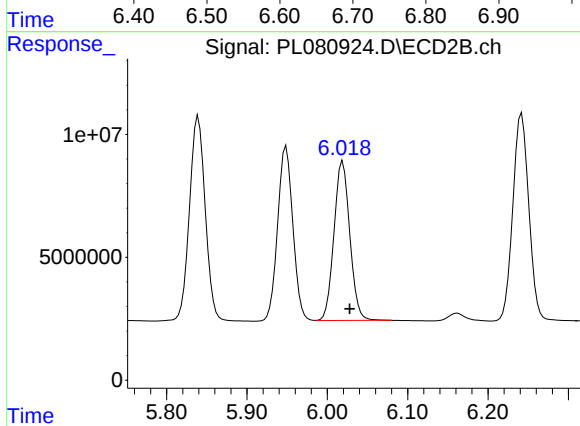
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.010 min
Response: 93301727
Conc: 44.40 ng/ml



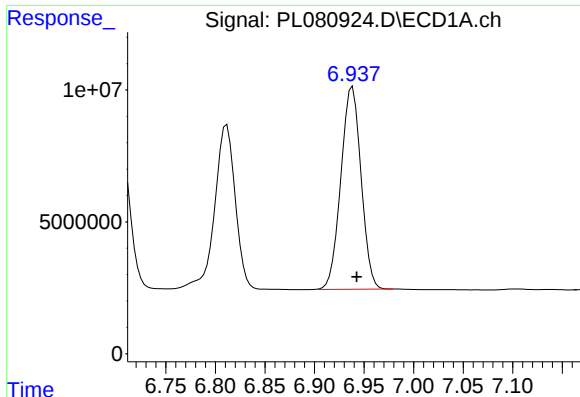
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 84564486
Conc: 50.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.019 min
Delta R.T.: -0.009 min
Response: 88967537
Conc: 48.72 ng/ml



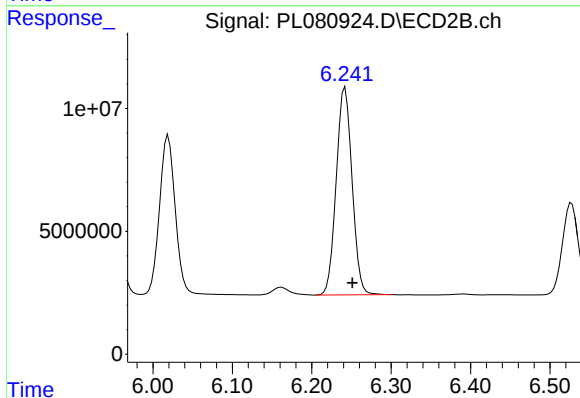
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 108859726
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

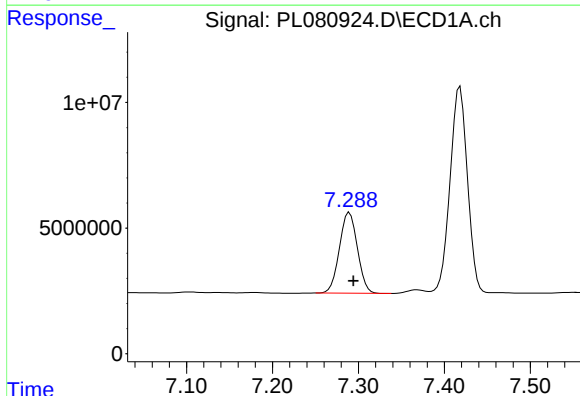
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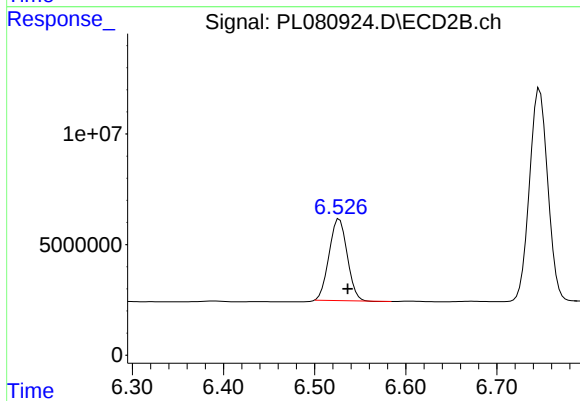
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 117197121
Conc: 50.39 ng/ml



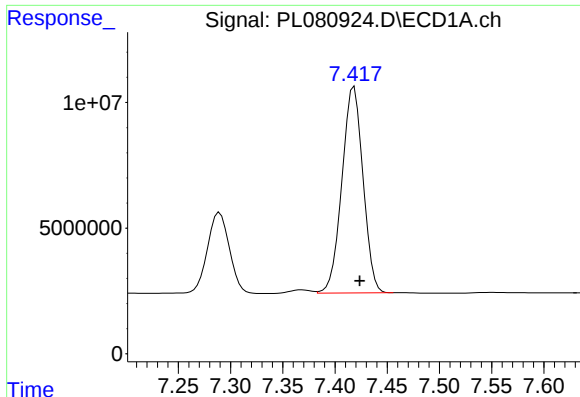
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 46780450
Conc: 42.40 ng/ml



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.009 min
Response: 50999379
Conc: 42.03 ng/ml



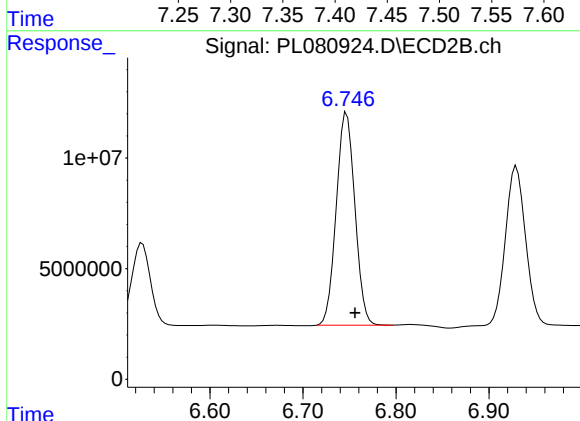
#21 Endrin ketone

R.T.: 7.418 min
Delta R.T.: -0.005 min
Response: 115236678
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

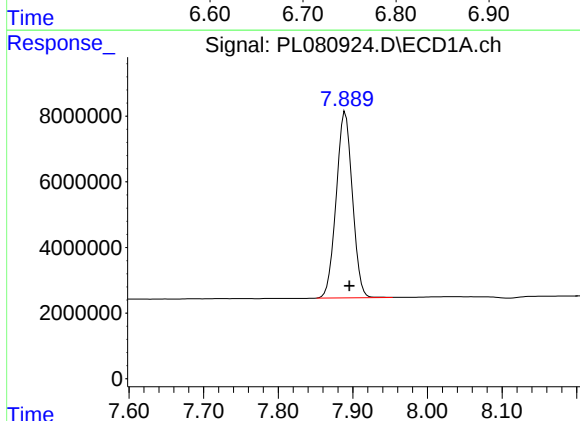
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/15/2023
Supervised By :Ankita Jodhani 02/15/2023



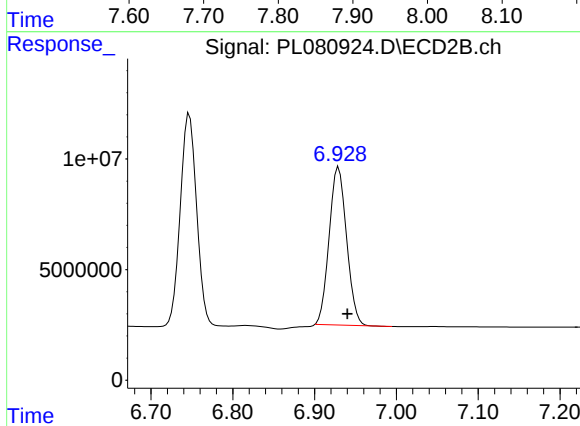
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.009 min
Response: 134071789
Conc: 52.51 ng/ml



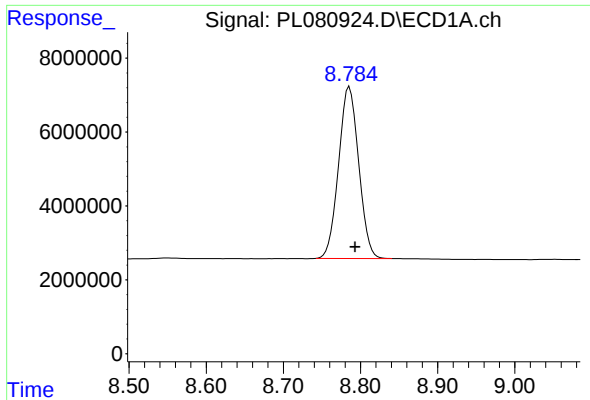
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 85510364
Conc: 49.72 ng/ml



#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.011 min
Response: 105780841
Conc: 46.46 ng/ml



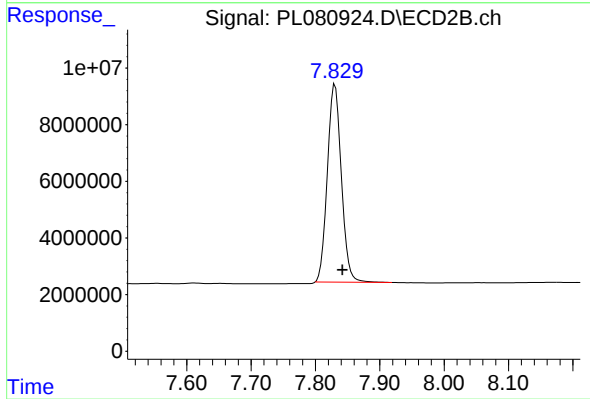
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 84176911
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.012 min
Response: 105813682
Conc: 44.41 ng/ml