

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
 Data File : PL082998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 12:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/26/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 21:17:46 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...	3.318	2.638	136.2E6	114.0E6	46.335	43.913
2)	SA Decachlor...	8.737	7.744	97768710	115.3E6	46.616	46.384
Target Compounds							
2)	A alpha-BHC	3.768	3.134	209.8E6	165.5E6	47.262	44.345
3)	MA gamma-BHC...	4.096	3.461	195.4E6	154.4E6	47.162	46.312
4)	MA Heptachlor	4.673	3.792	174.8E6	150.1E6	45.723	41.011
5)	MB Aldrin	5.010	4.068	172.5E6	150.9E6	49.025	46.393
6)	B beta-BHC	4.299	3.761	85122268	65790411	45.212	46.004
7)	B delta-BHC	4.541	3.987	191.8E6	153.8E6	55.775	46.937
8)	B Heptachlo...	5.436	4.569	159.5E6	135.3E6	49.858	45.574
9)	A Endosulfan I	5.817	4.936	154.0E6	116.5E6	51.314	41.701
10)	B gamma-Chl...	5.689	4.818	160.6E6	136.9E6	50.545m	45.597
11)	B alpha-Chl...	5.768	4.881	158.7E6	135.9E6	49.442m	45.255
12)	B 4,4'-DDE	5.948	5.070	134.7E6	117.8E6	48.867	48.522m
13)	MA Dieldrin	6.091	5.201	144.8E6	129.6E6	48.140	45.913
14)	MA Endrin	6.319	5.475	126.1E6	118.4E6	46.907	46.681
15)	B Endosulfa...	6.542	5.772	119.2E6	110.9E6	44.601	44.818
16)	A 4,4'-DDD	6.464	5.626	111.8E6	96473239	51.447	50.162
17)	MA 4,4'-DDT	6.775	5.874	114.2E6	100.8E6	45.615	45.178
18)	B Endrin al...	6.672	5.952	96237602	88093742	47.864	44.549
19)	B Endosulfa...	6.906	6.175	124.0E6	112.6E6	48.381	45.976
20)	A Methoxychlor	7.256	6.453	62116485	56902122	46.973	44.743
21)	B Endrin ke...	7.386	6.679	126.7E6	124.1E6	49.675	45.916
22)	Mirex	7.849	6.849	98713935	106.5E6	47.096	45.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pL052523\
Data File : PL082998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 12:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

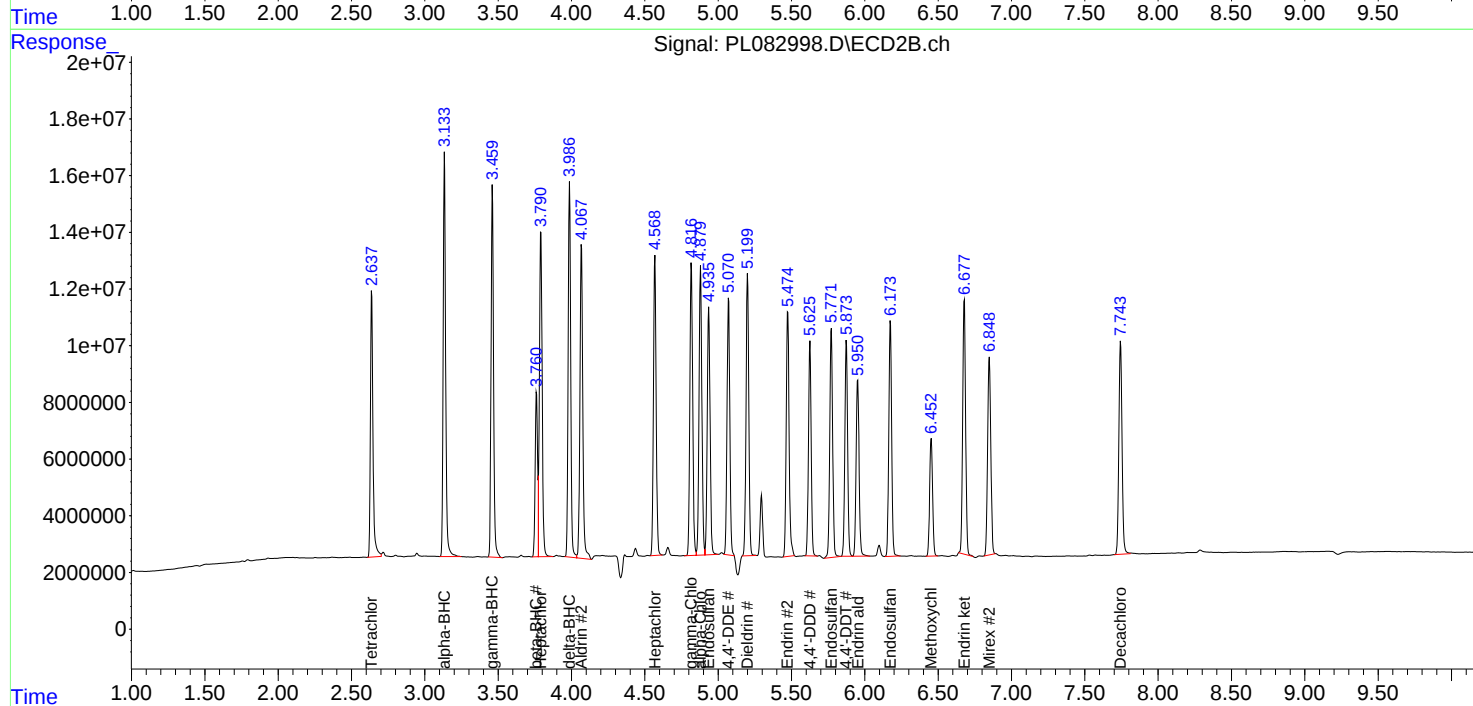
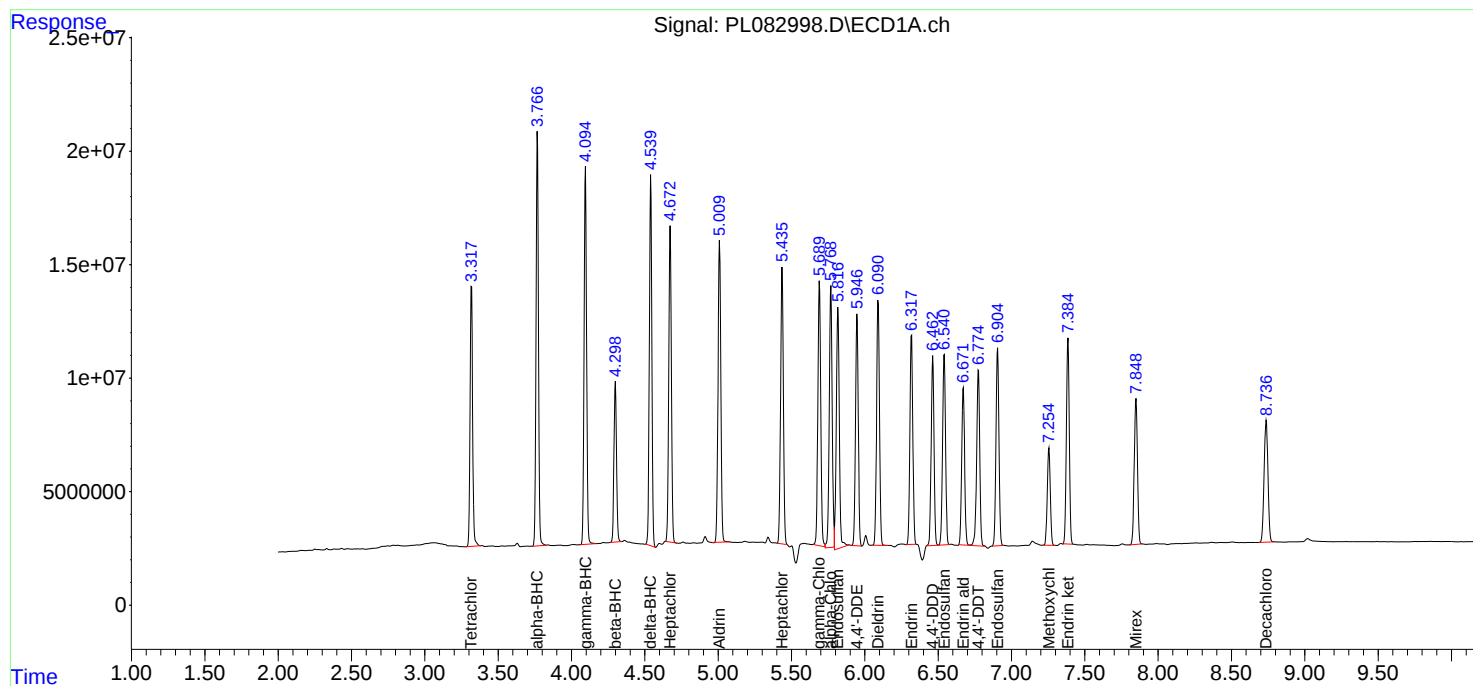
APPROVED

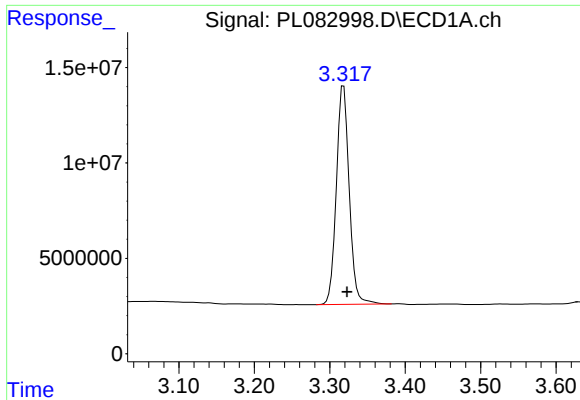
Reviewed By :Abdul Mirza 05/26/2023

Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 21:17:46 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





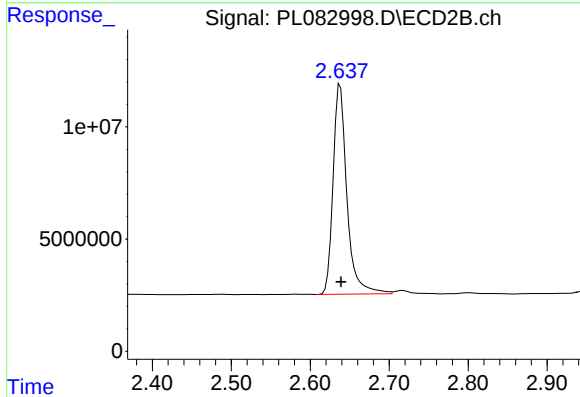
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 136180773
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

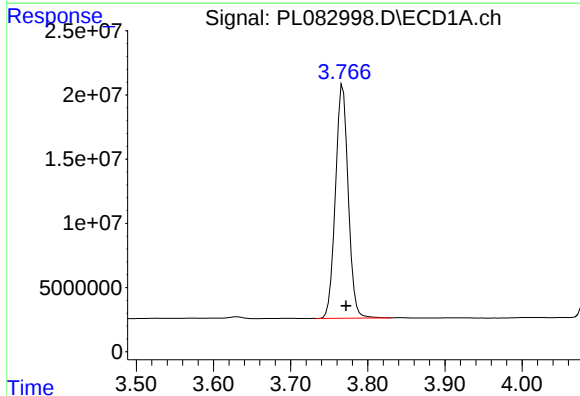
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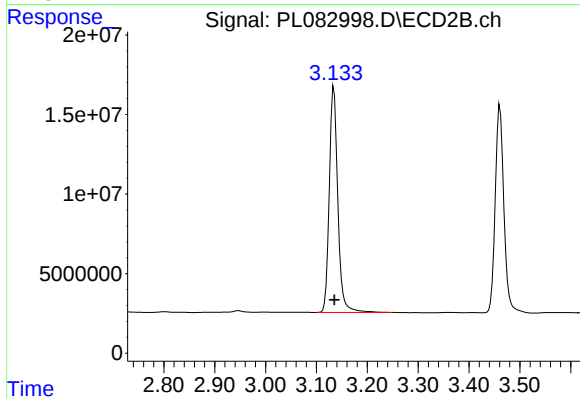
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.000 min
Response: 114002434
Conc: 43.91 ng/ml



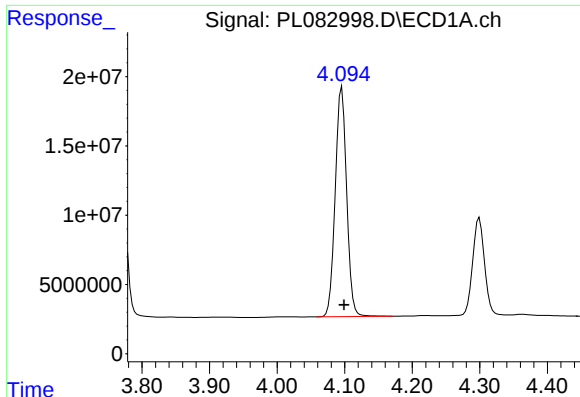
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 209805817
Conc: 47.26 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: 0.000 min
Response: 165469725
Conc: 44.34 ng/ml



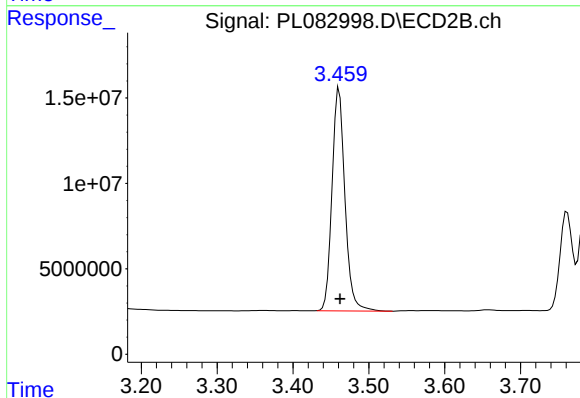
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 195387928
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

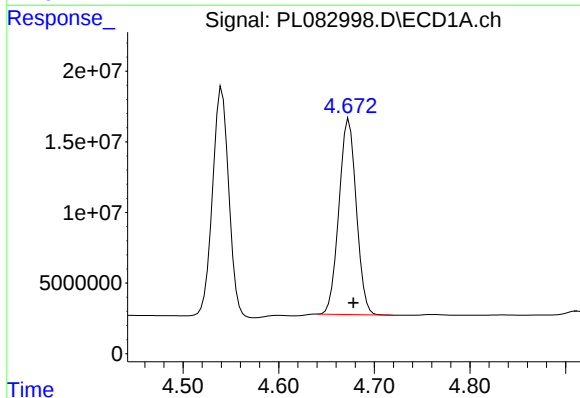
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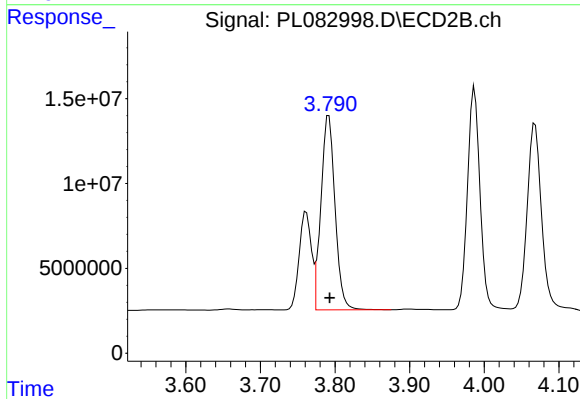
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.001 min
Response: 154370324
Conc: 46.31 ng/ml



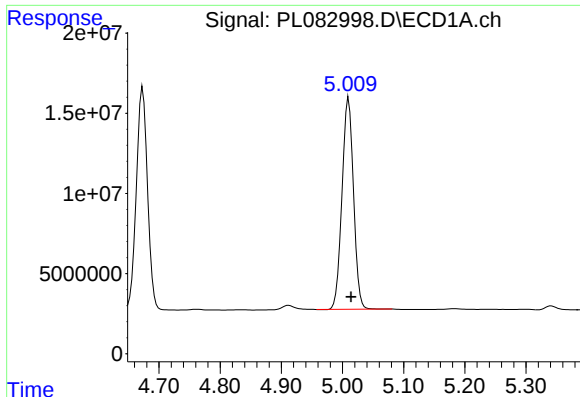
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.005 min
Response: 174776492
Conc: 45.72 ng/ml



#4 Heptachlor

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 150143093
Conc: 41.01 ng/ml



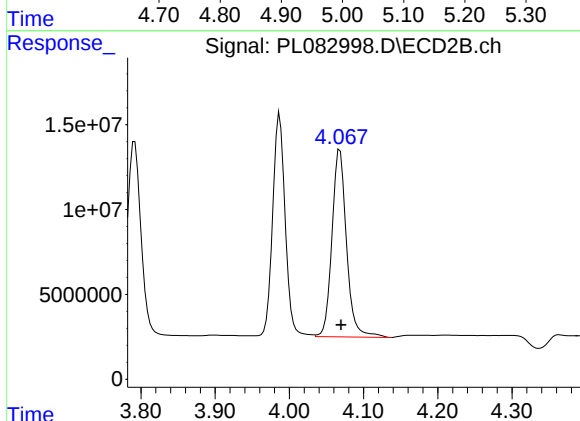
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 172476439
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

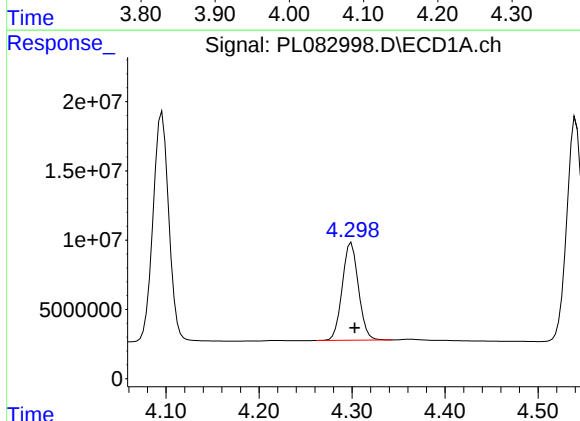
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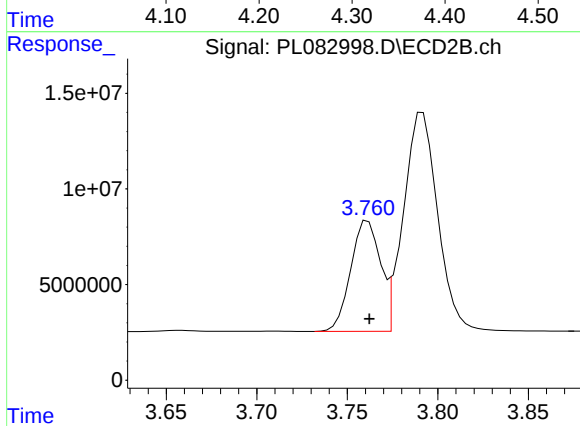
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 150944783
Conc: 46.39 ng/ml



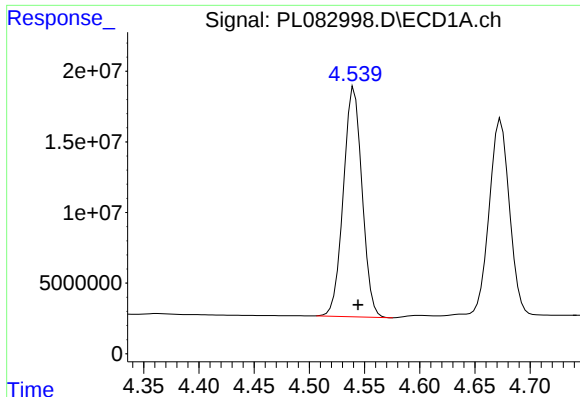
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 85122268
Conc: 45.21 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: 0.000 min
Response: 65790411
Conc: 46.00 ng/ml



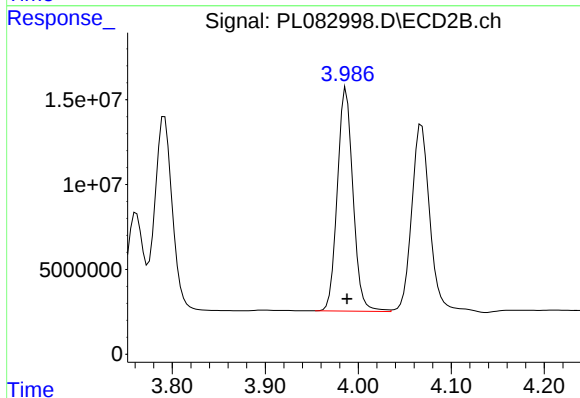
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 191804530
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

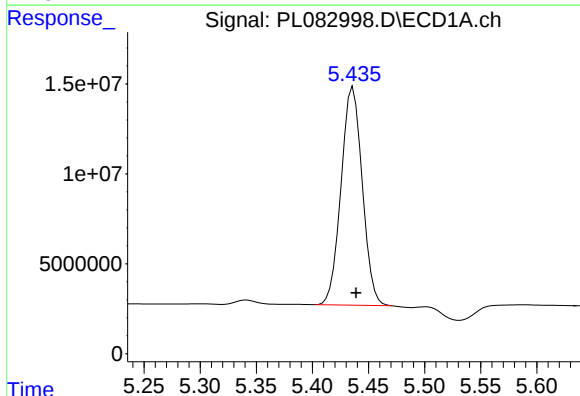
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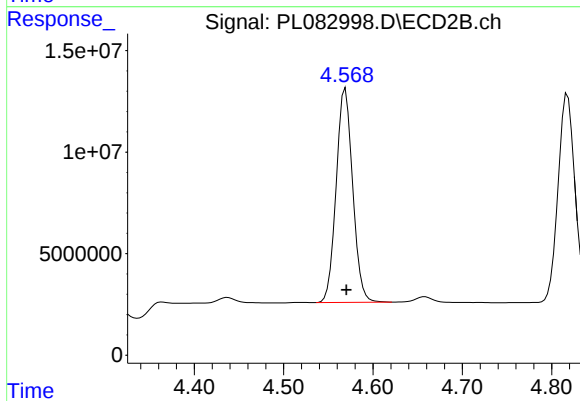
#7 delta-BHC

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 153788238
Conc: 46.94 ng/ml



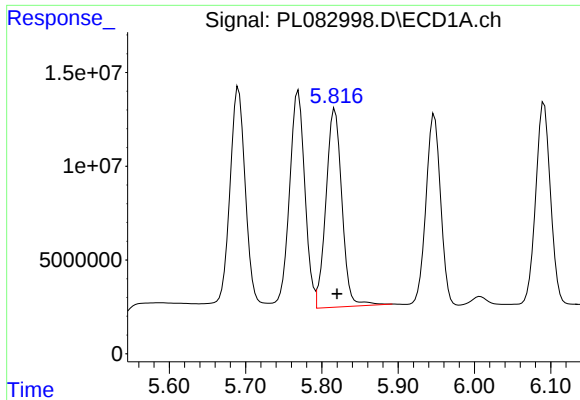
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 159480656
Conc: 49.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 135257611
Conc: 45.57 ng/ml



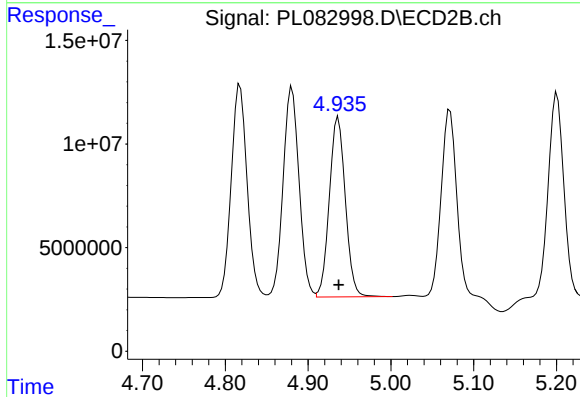
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 153971632
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

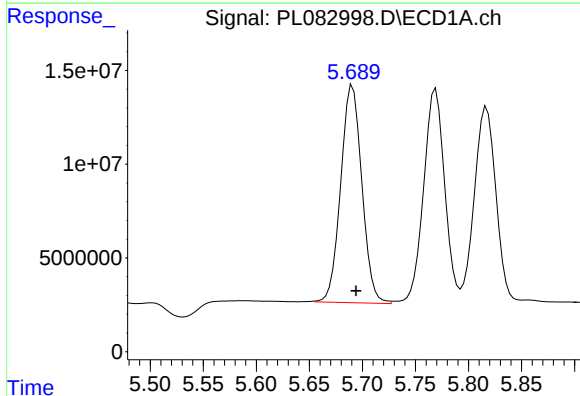
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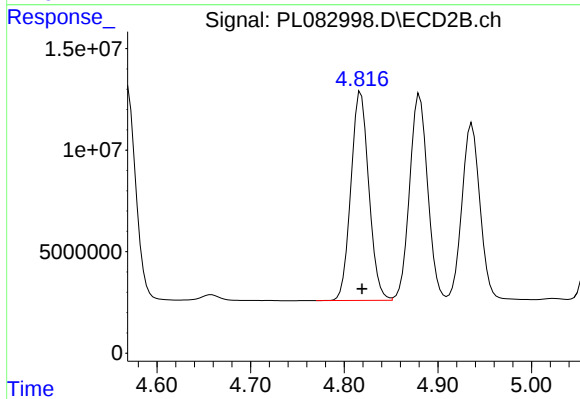
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 116526979
Conc: 41.70 ng/ml



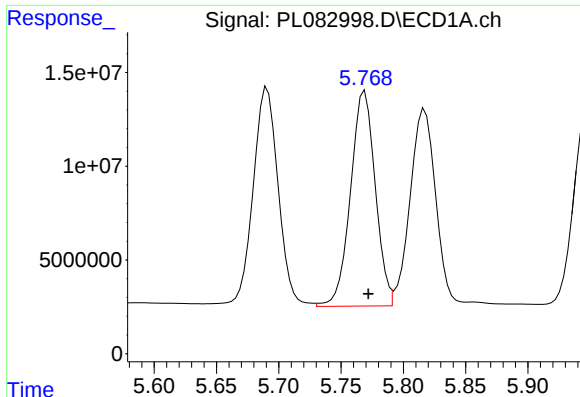
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 160578649
Conc: 50.54 ng/ml m



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 136944937
Conc: 45.60 ng/ml



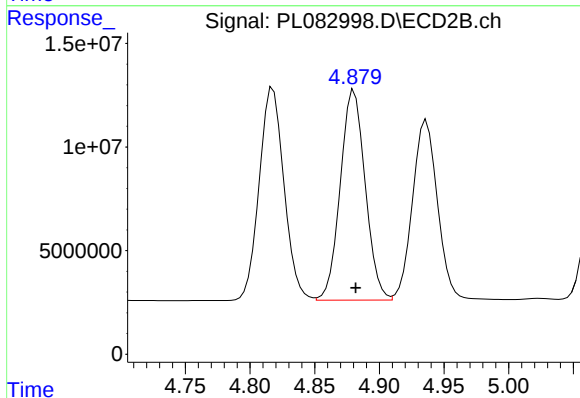
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 158675285
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

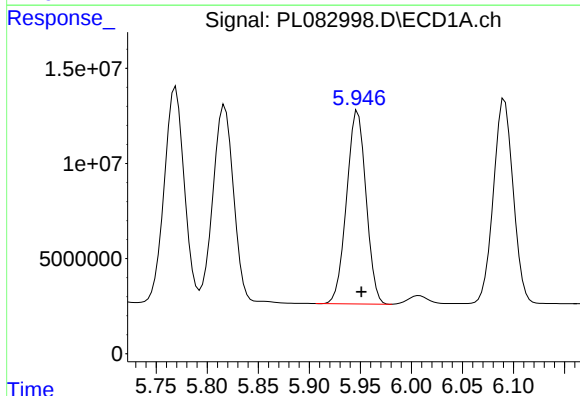
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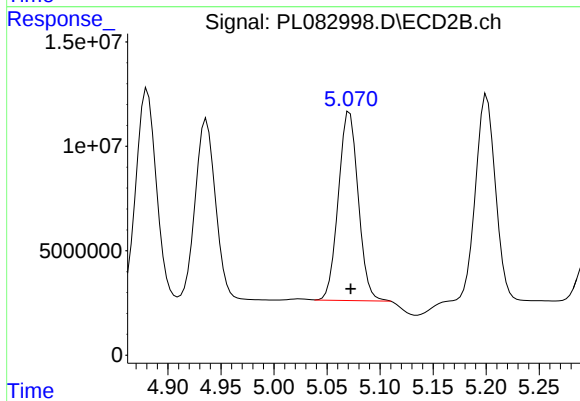
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.001 min
Response: 135854595
Conc: 45.26 ng/ml



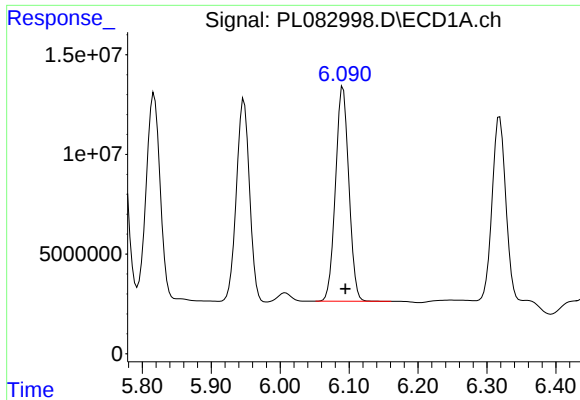
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 134703334
Conc: 48.87 ng/ml



#12 4,4'-DDE

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 117847808
Conc: 48.52 ng/ml m



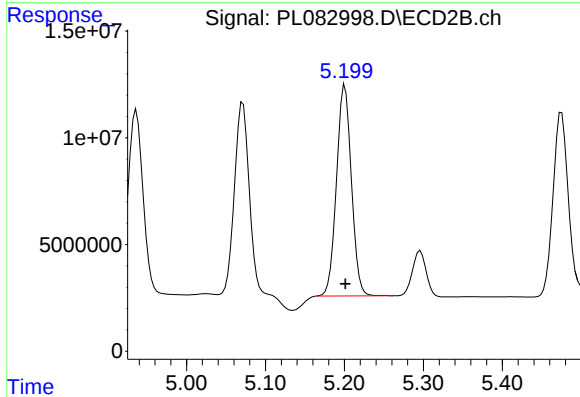
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 144797014
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

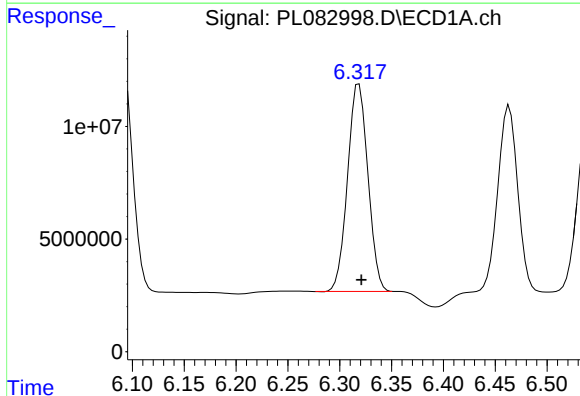
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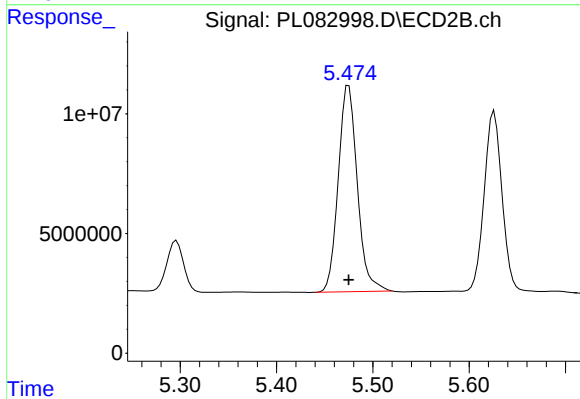
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 129609143
Conc: 45.91 ng/ml



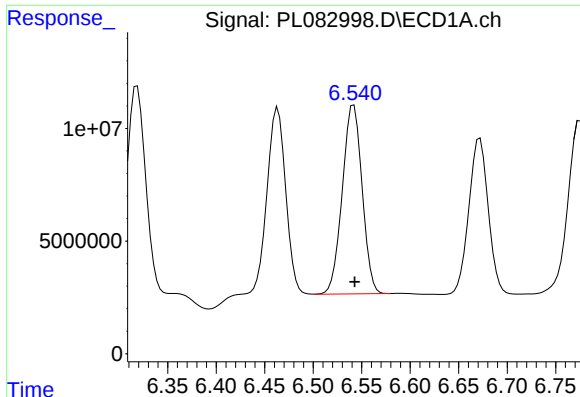
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 126050131
Conc: 46.91 ng/ml



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 118427646
Conc: 46.68 ng/ml



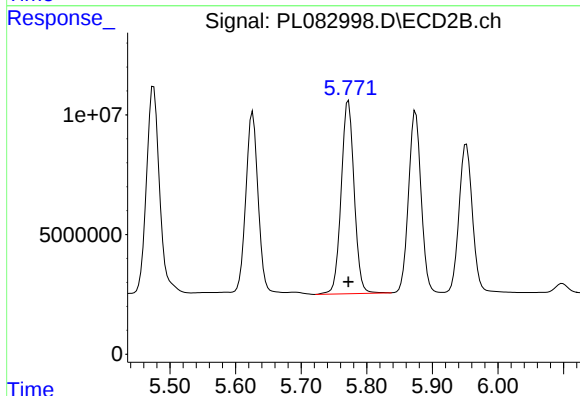
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 119159749
Conc: 44.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

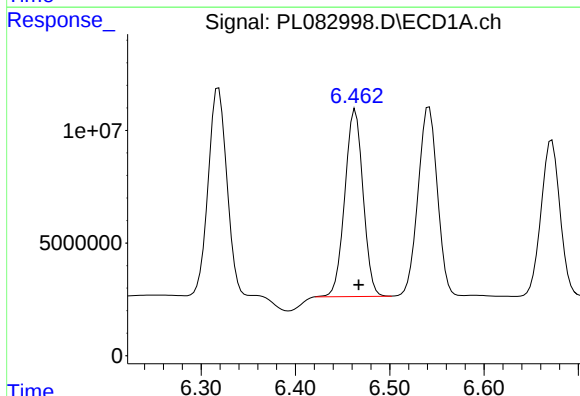
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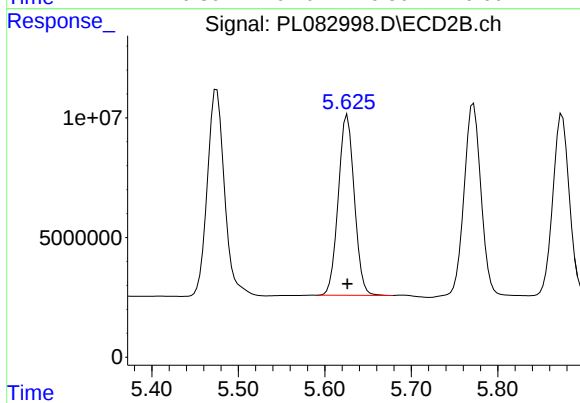
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 110888138
Conc: 44.82 ng/ml



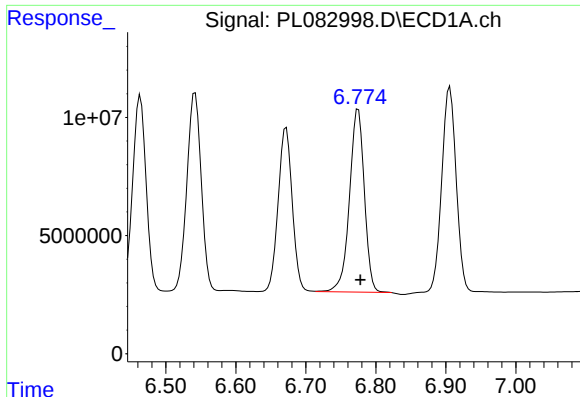
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 111797403
Conc: 51.45 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 96473239
Conc: 50.16 ng/ml



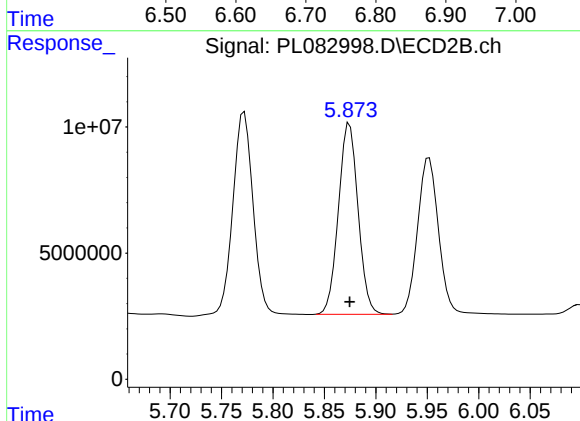
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 114182654
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

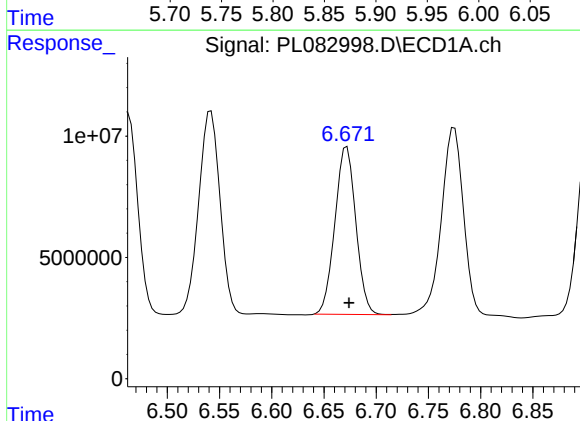
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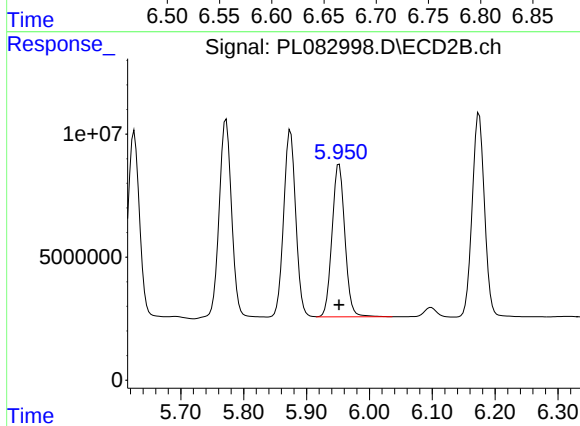
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 100793008
Conc: 45.18 ng/ml



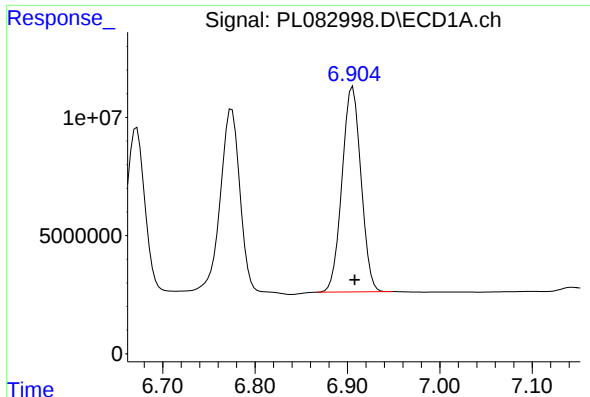
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 96237602
Conc: 47.86 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 88093742
Conc: 44.55 ng/ml



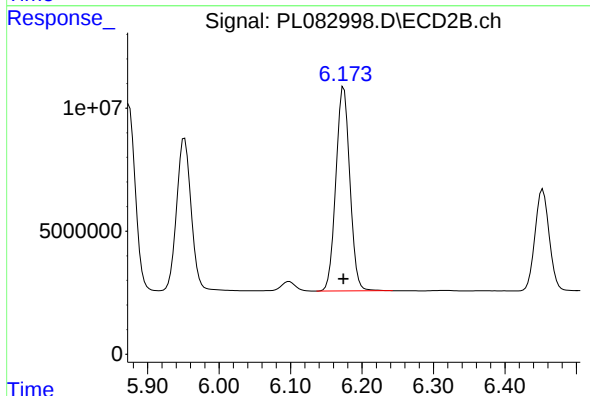
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 124035138
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

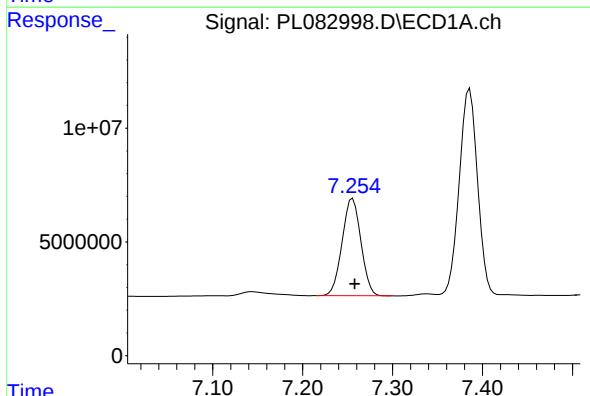
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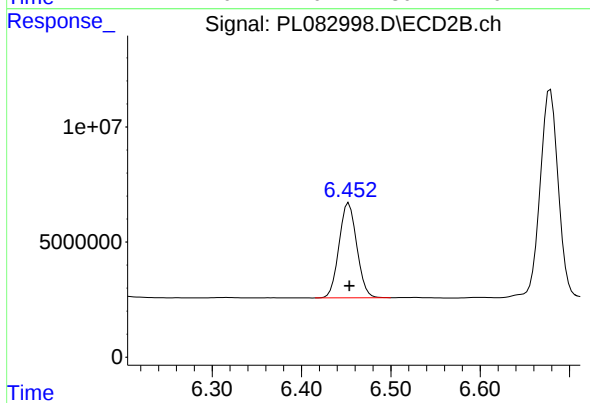
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 112594792
Conc: 45.98 ng/ml



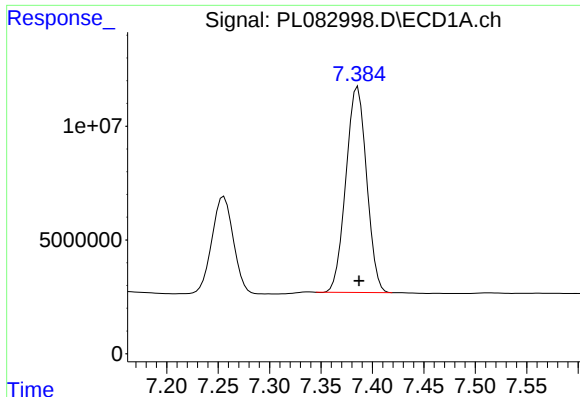
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 62116485
Conc: 46.97 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 56902122
Conc: 44.74 ng/ml



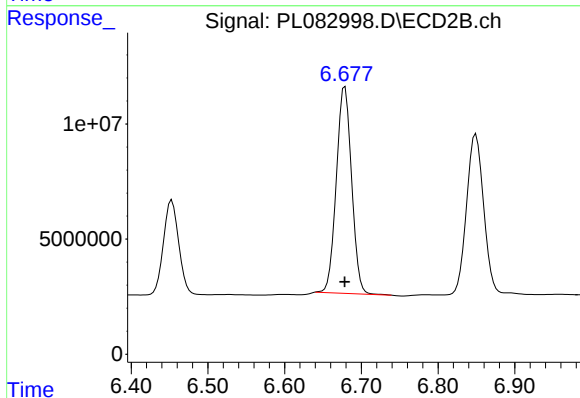
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.001 min
Response: 126710834
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

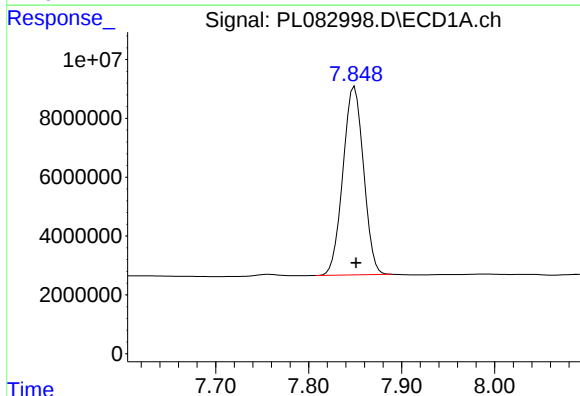
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



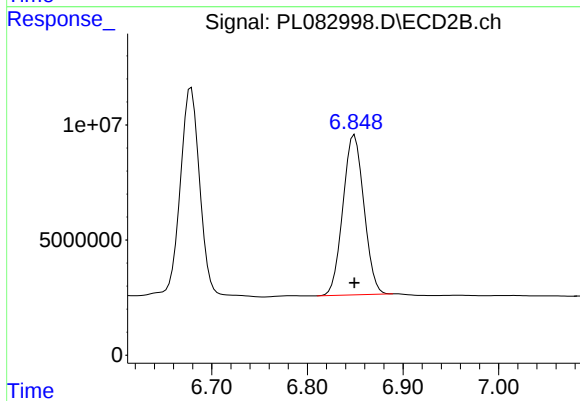
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 124148644
Conc: 45.92 ng/ml



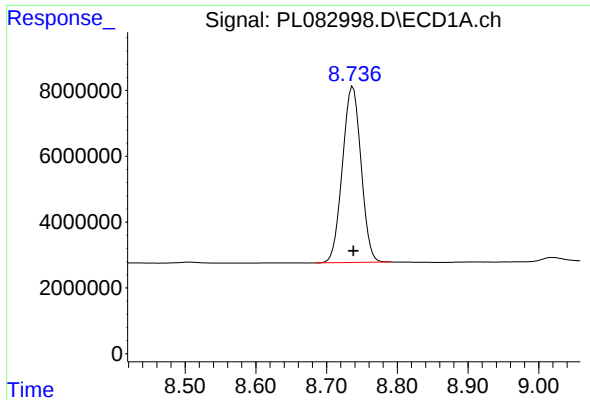
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 98713935
Conc: 47.10 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 106456902
Conc: 45.50 ng/ml



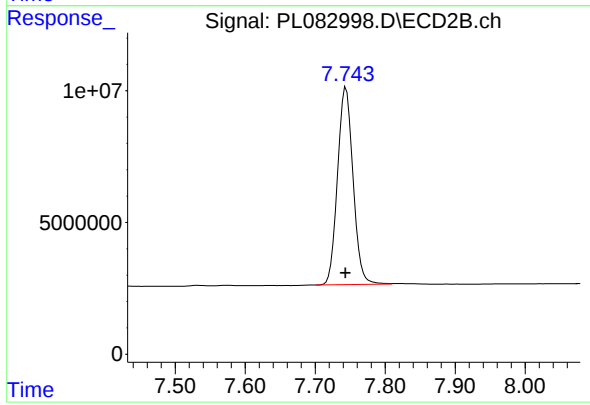
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 97768710
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 115336583
Conc: 46.38 ng/ml