

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 20:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 09:15:15 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...	3.319	2.642	138.0E6	120.4E6	51.679	51.966
28)	SA Decachlor...	8.735	7.750	103.2E6	117.7E6	54.081	51.566
Target Compounds							
2)	A alpha-BHC	3.768	3.139	210.7E6	178.7E6	52.943	52.497
3)	MA gamma-BHC...	4.096	3.466	195.7E6	165.3E6	52.331	51.421
4)	MA Heptachlor	4.674	3.798	192.9E6	174.7E6	52.795	51.040
5)	MB Aldrin	5.011	4.074	172.8E6	171.7E6	52.393	54.510
6)	B beta-BHC	4.300	3.766	86270336	68711728	50.584	50.360
7)	B delta-BHC	4.541	3.992	191.0E6	165.2E6	53.086	53.869
8)	B Heptachlo...	5.437	4.575	160.4E6	148.5E6	52.591	51.555
9)	A Endosulfan I	5.818	4.942	149.2E6	139.6E6	53.808	52.285
10)	B gamma-Chl...	5.691	4.823	163.5E6	151.3E6	54.372	52.127
11)	B alpha-Chl...	5.769	4.886	160.9E6	151.0E6	53.920	52.015
12)	B 4,4'-DDE	5.948	5.077	140.1E6	127.9E6	55.108	55.653
13)	MA Dieldrin	6.092	5.205	149.0E6	142.3E6	53.991	52.706m
14)	MA Endrin	6.319	5.479	127.7E6	126.5E6	52.676	51.727m
15)	B Endosulfa...	6.542	5.777	123.1E6	119.6E6	50.548	53.043
16)	A 4,4'-DDD	6.464	5.631	114.7E6	106.5E6	56.565	56.915
17)	MA 4,4'-DDT	6.774	5.880	120.9E6	112.3E6	52.834	53.168
18)	B Endrin al...	6.671	5.956	102.1E6	98299525	54.211	52.528
19)	B Endosulfa...	6.905	6.179	126.6E6	124.8E6	53.404	53.007
20)	A Methoxychlor	7.255	6.458	62638140	62217738	51.329	51.342m
21)	B Endrin ke...	7.385	6.682	130.5E6	140.0E6	54.510	55.168m
22)	Mirex	7.849	6.854	101.3E6	118.7E6	51.763	51.496m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
Data File : PL082570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2023 20:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

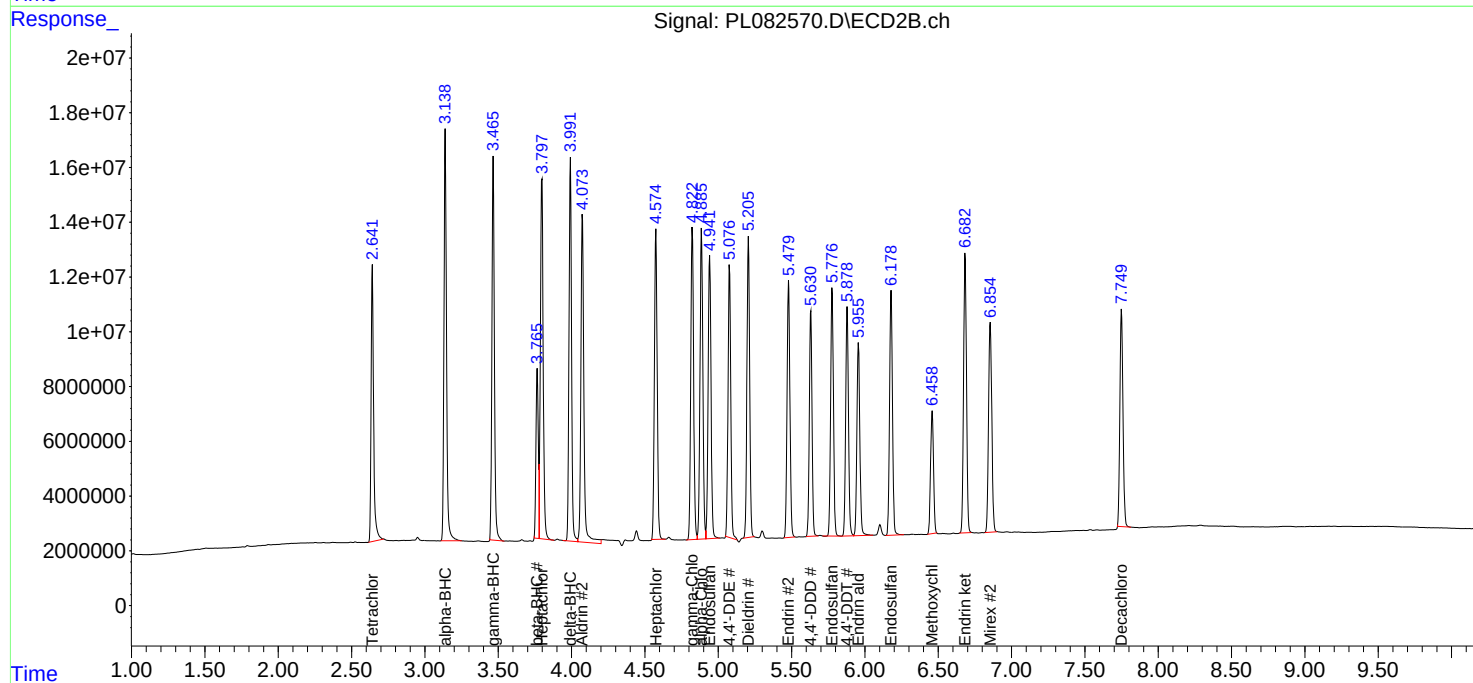
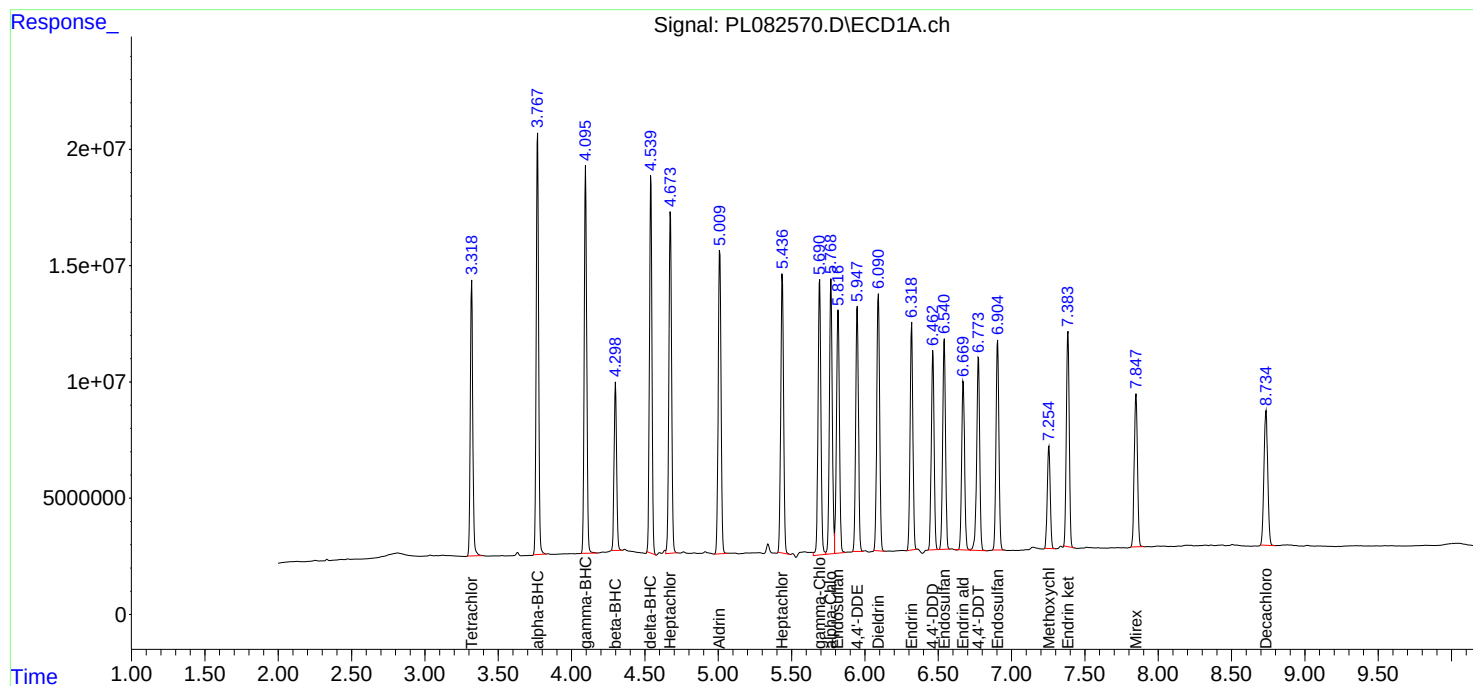
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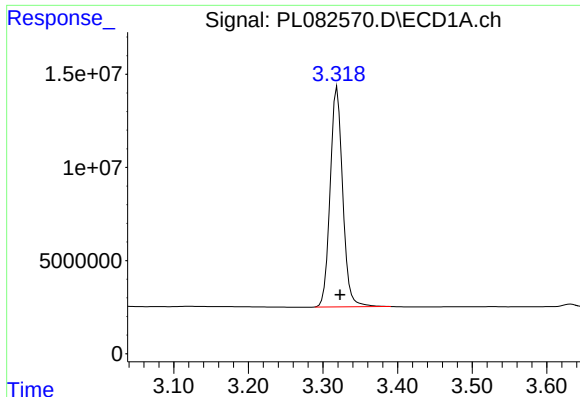
Reviewed By :Abdul Mirza 05/08/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 09:15:15 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





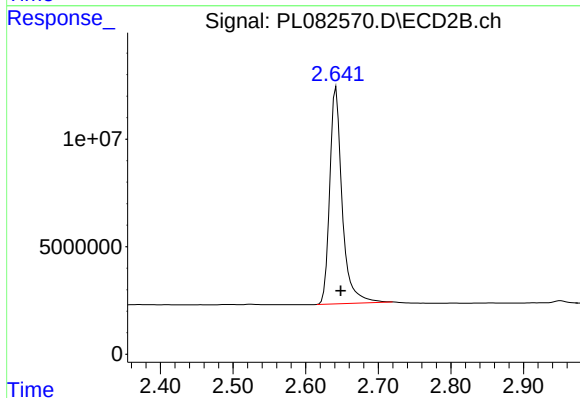
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 138045556
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

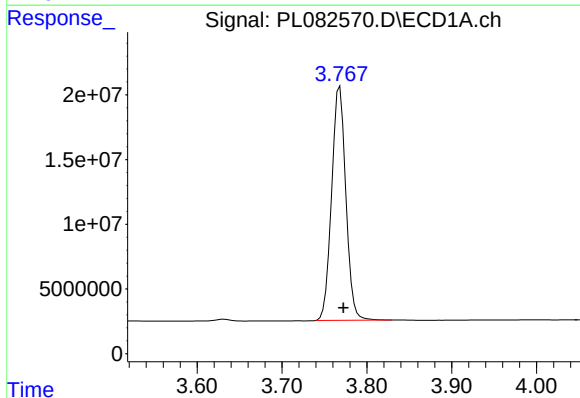
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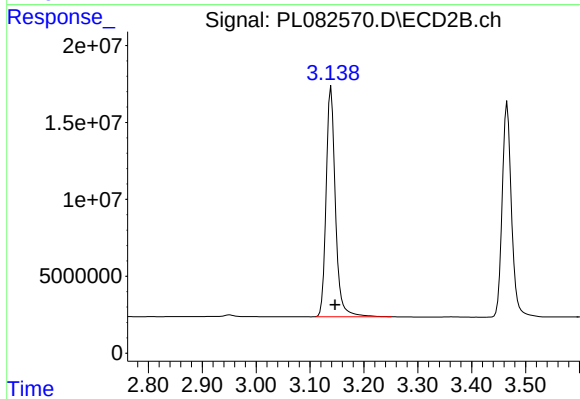
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 120392299
Conc: 51.97 ng/ml



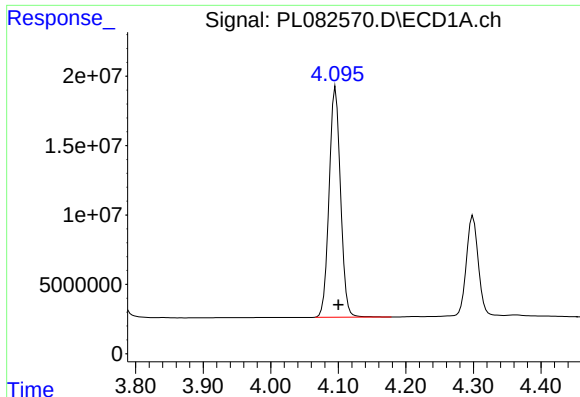
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 210725172
Conc: 52.94 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 178672260
Conc: 52.50 ng/ml



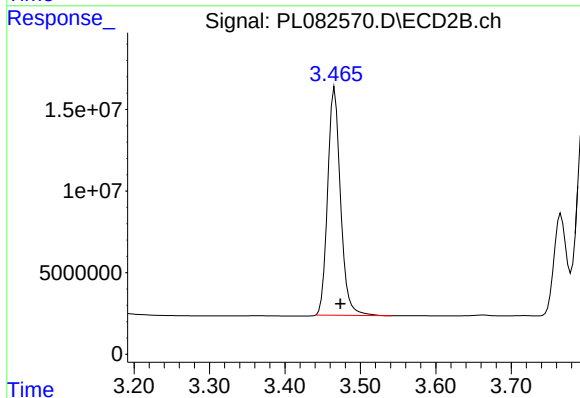
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 195661978
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

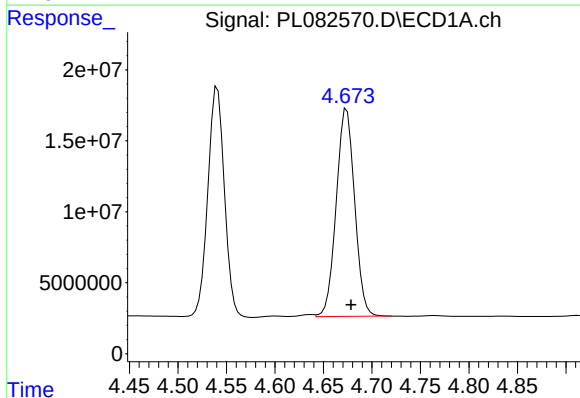
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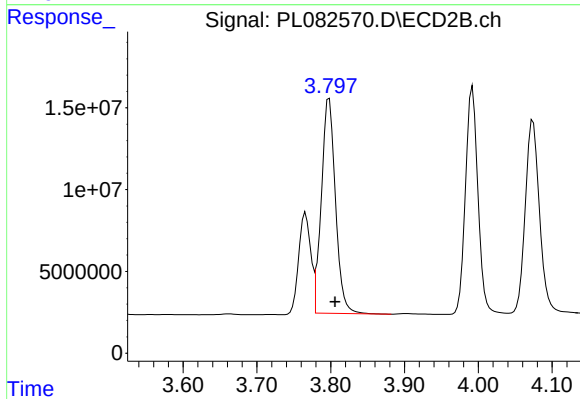
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 165334101
Conc: 51.42 ng/ml



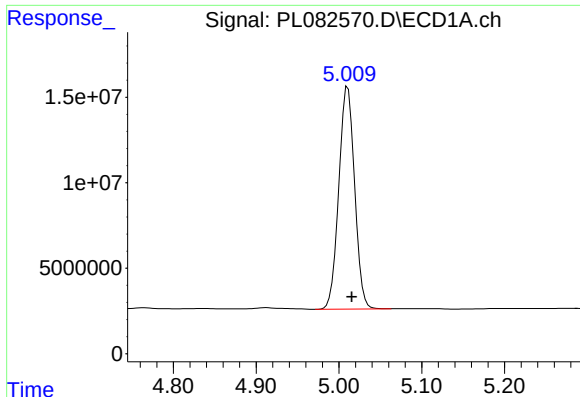
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 192907597
Conc: 52.79 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 174722723
Conc: 51.04 ng/ml



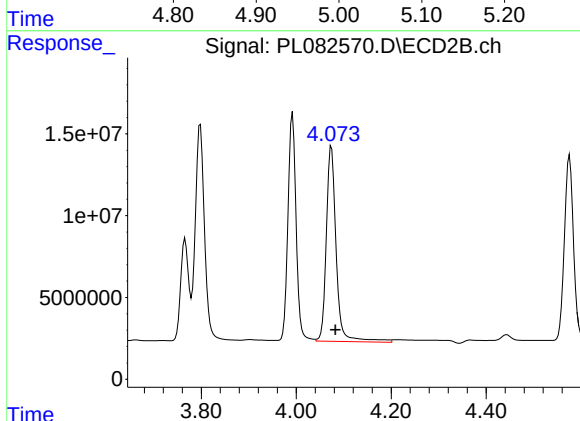
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 172770704
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

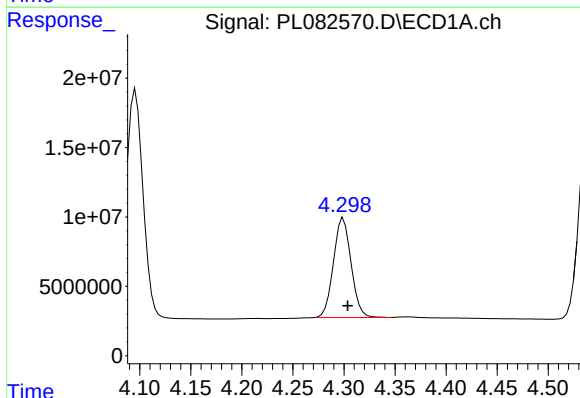
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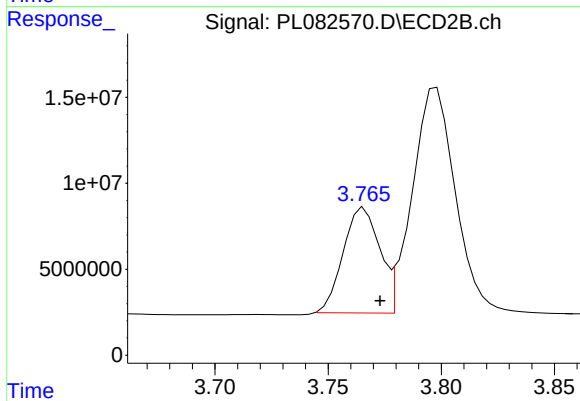
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 171698241
Conc: 54.51 ng/ml



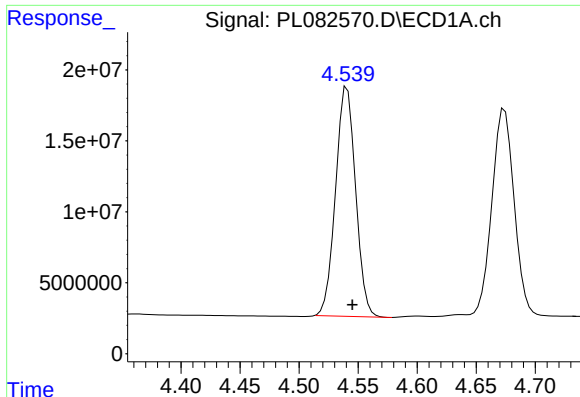
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 86270336
Conc: 50.58 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 68711728
Conc: 50.36 ng/ml



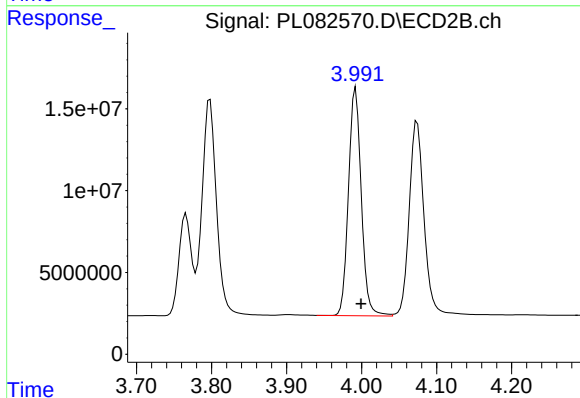
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 190992396
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

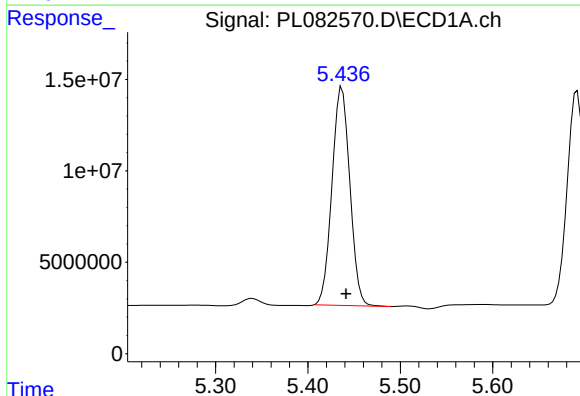
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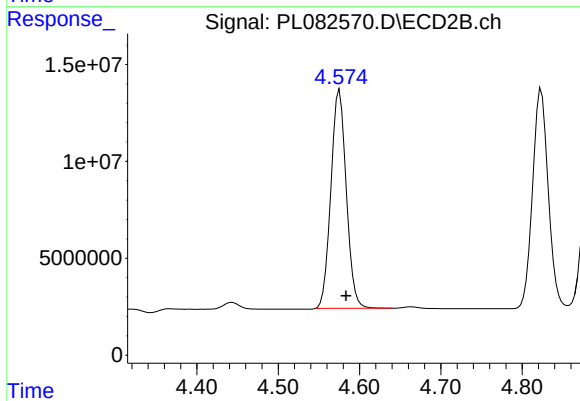
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.007 min
Response: 165238133
Conc: 53.87 ng/ml



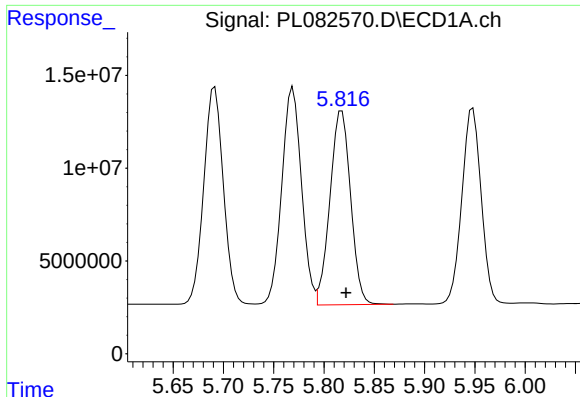
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 160421024
Conc: 52.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 148524336
Conc: 51.56 ng/ml



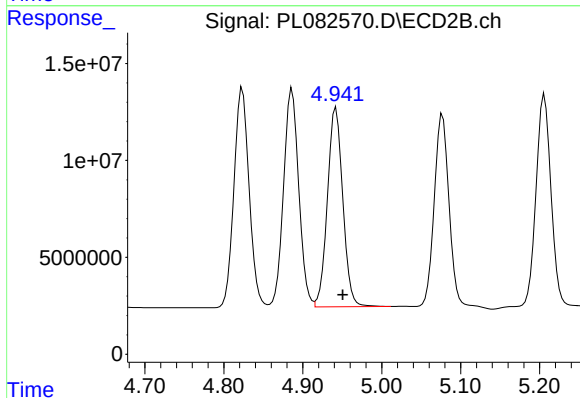
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 149194807
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

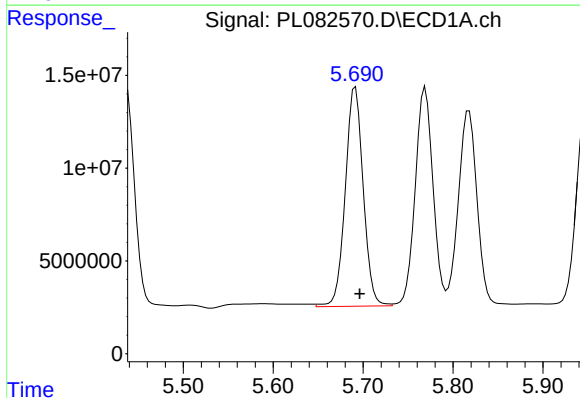
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Supervised By :Ankita Jodhani 05/08/2023



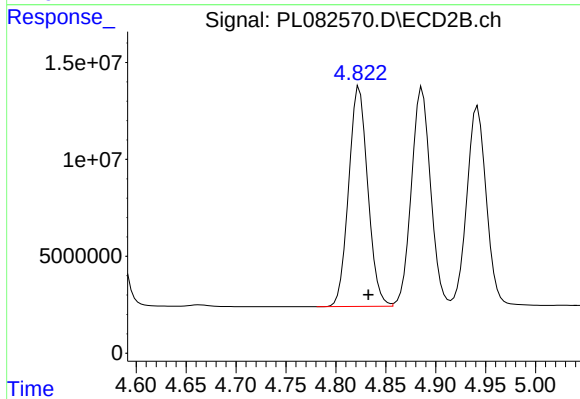
#9 Endosulfan I

R.T.: 4.942 min
Delta R.T.: -0.008 min
Response: 139572562
Conc: 52.29 ng/ml



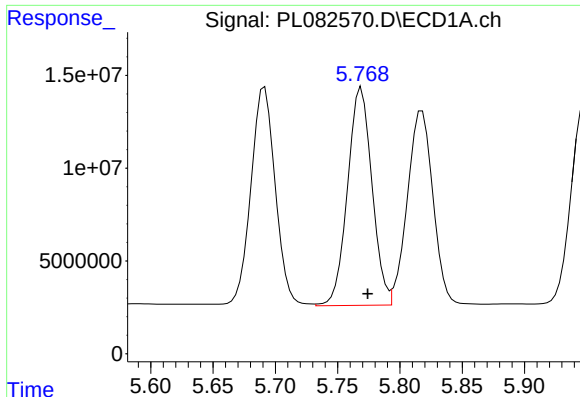
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 163488730
Conc: 54.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.009 min
Response: 151263645
Conc: 52.13 ng/ml



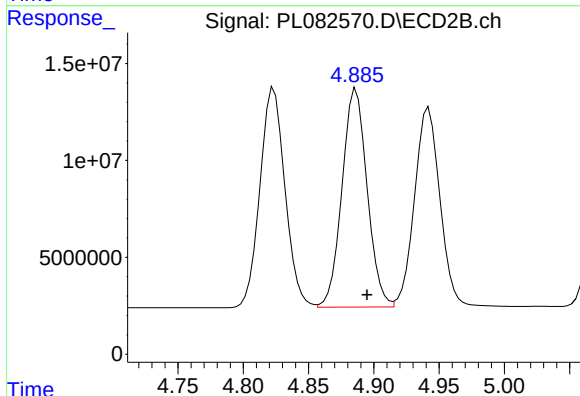
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 160930489
Conc: 53.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

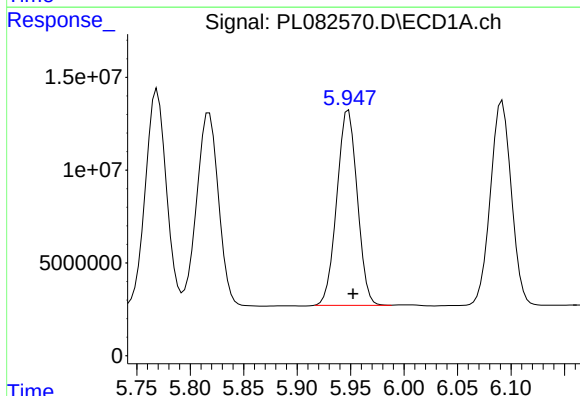
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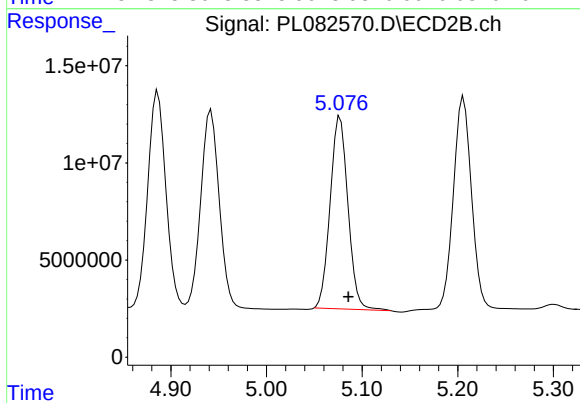
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.008 min
Response: 150991981
Conc: 52.02 ng/ml



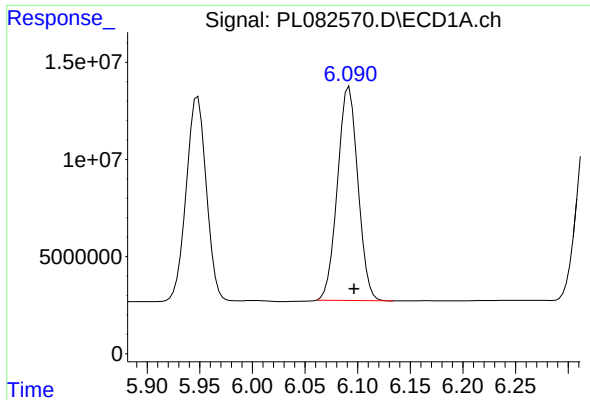
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 140086675
Conc: 55.11 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 127943991
Conc: 55.65 ng/ml



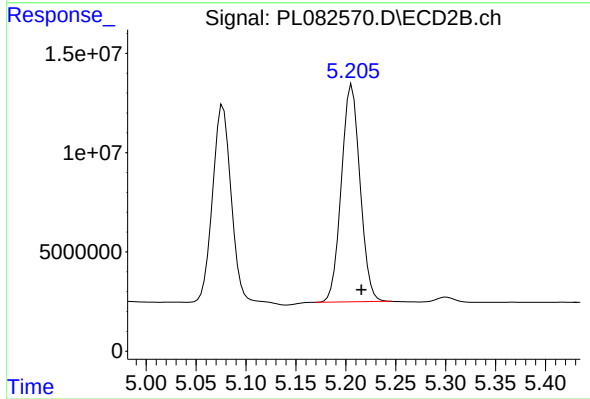
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 148968333
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

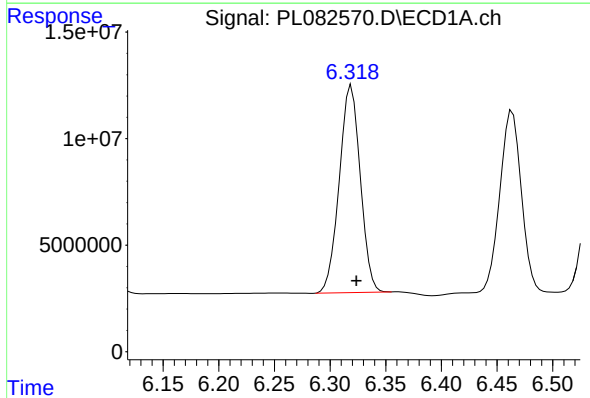
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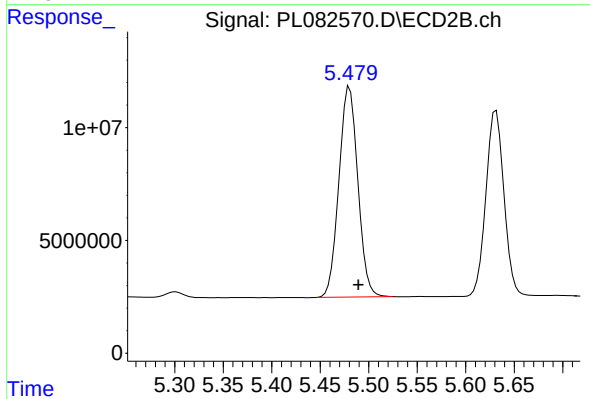
#13 Dieldrin

R.T.: 5.205 min
Delta R.T.: -0.011 min
Response: 142327825
Conc: 52.71 ng/ml m



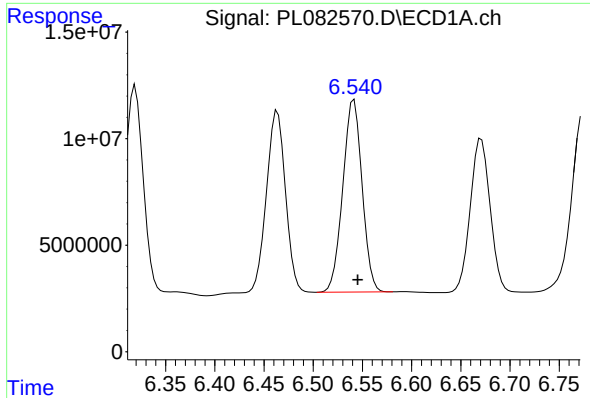
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.004 min
Response: 127716068
Conc: 52.68 ng/ml



#14 Endrin

R.T.: 5.479 min
Delta R.T.: -0.011 min
Response: 126521399
Conc: 51.73 ng/ml m



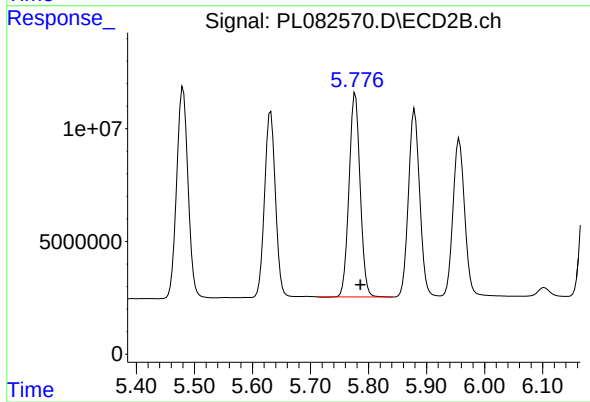
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 123062734
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

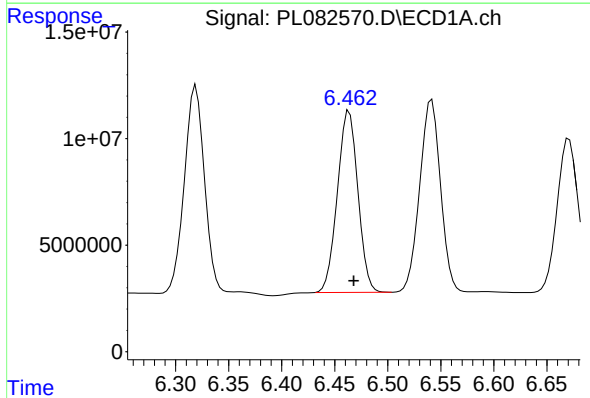
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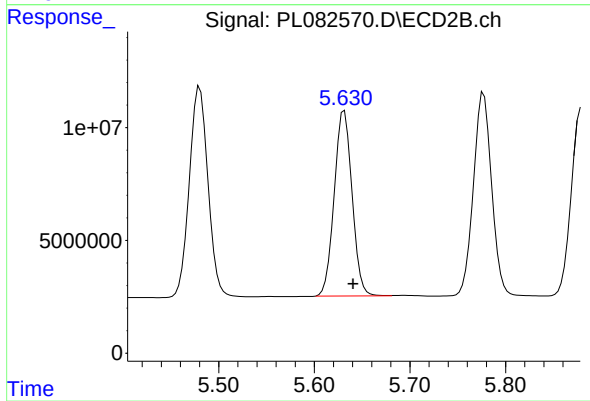
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 119564282
Conc: 53.04 ng/ml



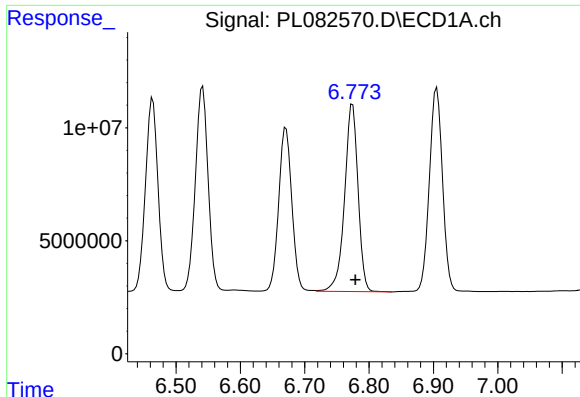
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 114667978
Conc: 56.56 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 106454139
Conc: 56.92 ng/ml



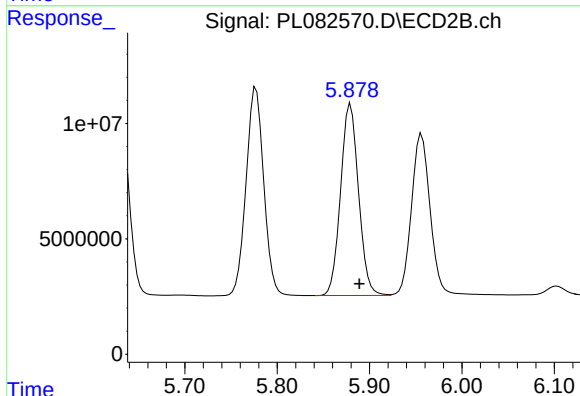
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 120868895
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

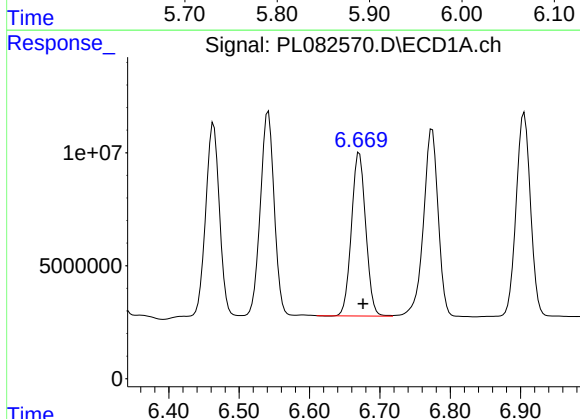
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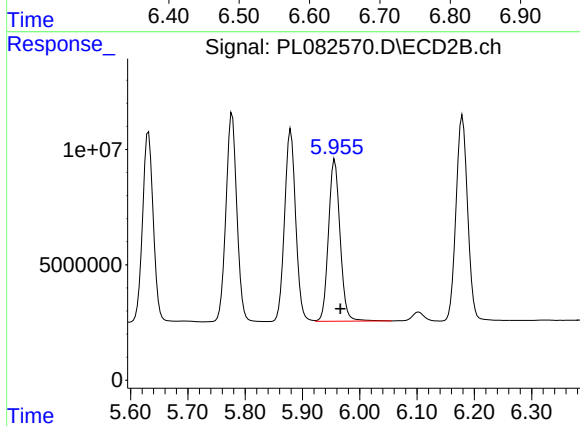
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.010 min
Response: 112323365
Conc: 53.17 ng/ml



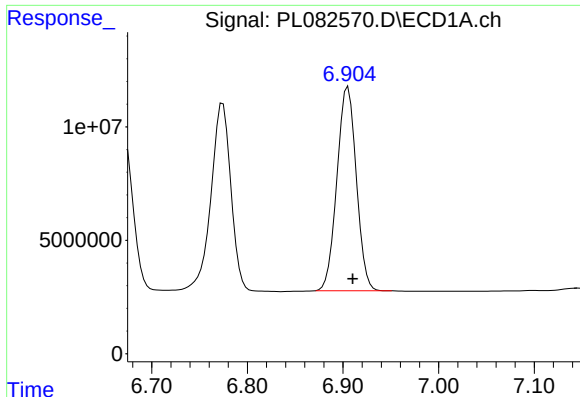
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 102143059
Conc: 54.21 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 98299525
Conc: 52.53 ng/ml



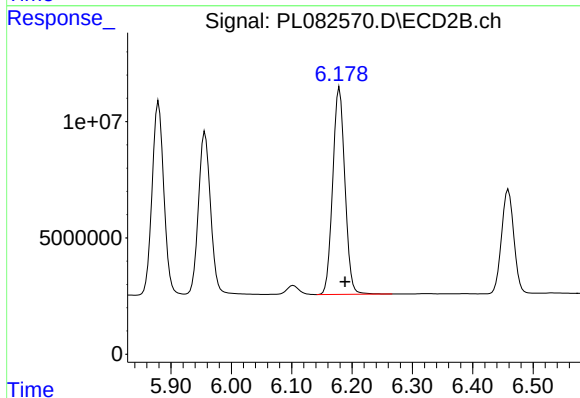
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 126649733
Conc: 53.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

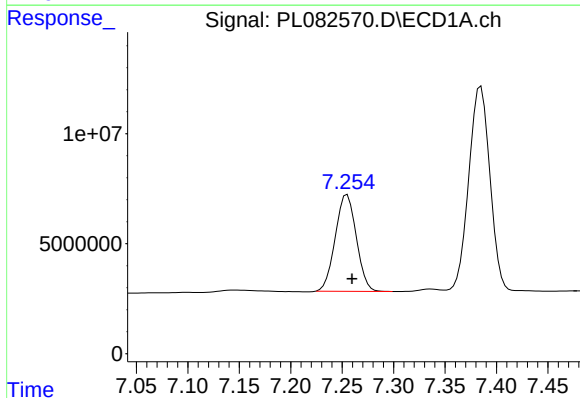
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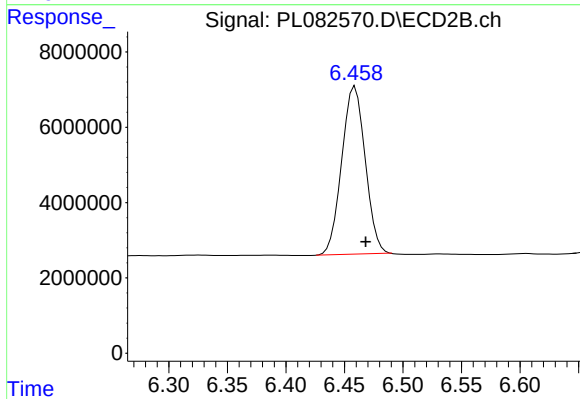
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 124793942
Conc: 53.01 ng/ml



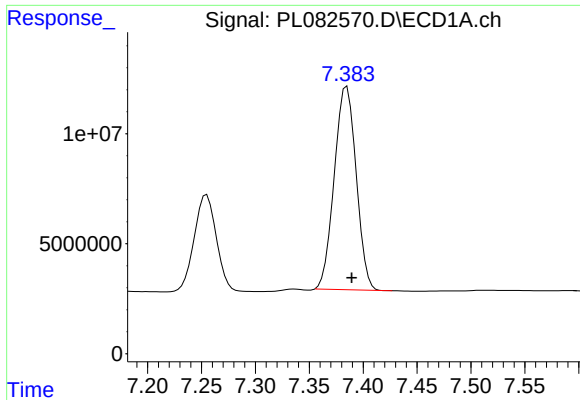
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 62638140
Conc: 51.33 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 62217738
Conc: 51.34 ng/ml m



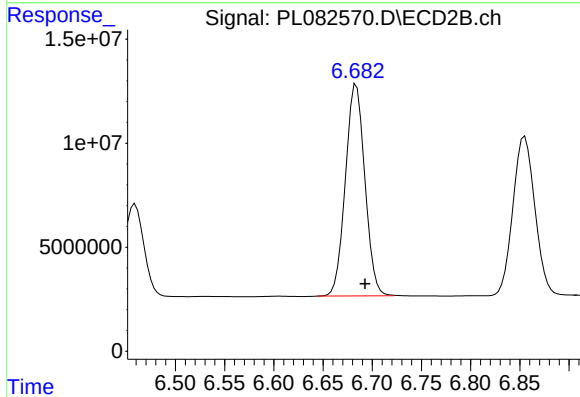
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 130518128
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

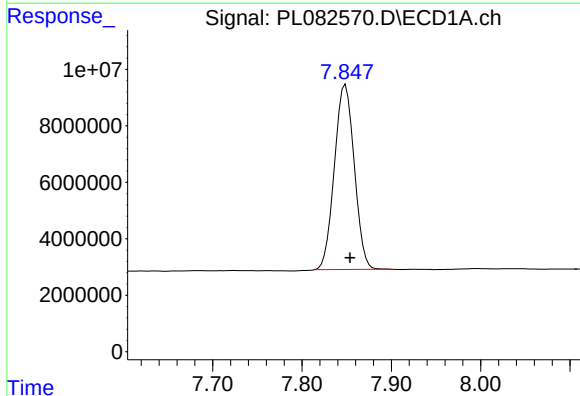
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APPROVED

Reviewed By :Abdul Mirza 05/08/2023
Supervised By :Ankita Jodhani 05/08/2023



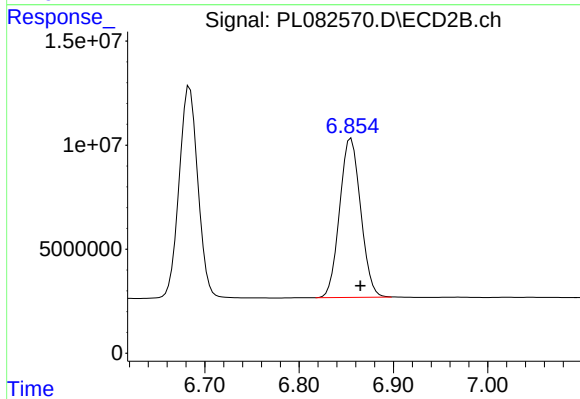
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.010 min
Response: 140026698
Conc: 55.17 ng/ml m



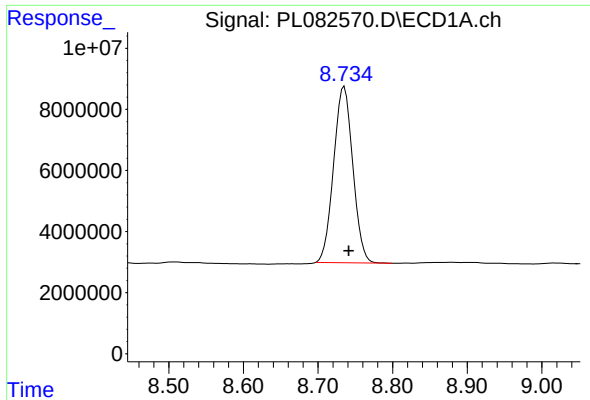
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 101264718
Conc: 51.76 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 118659455
Conc: 51.50 ng/ml m



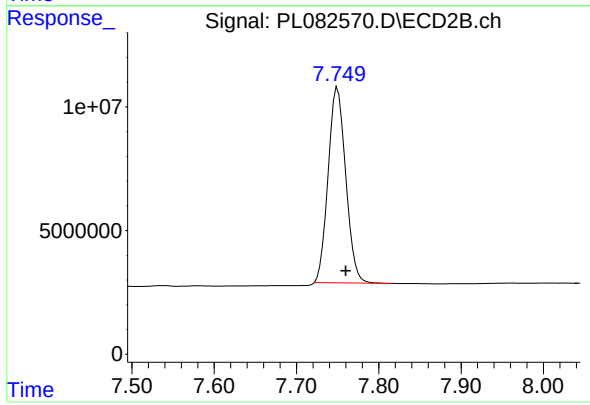
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 103244423
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 117698471
Conc: 51.57 ng/ml