

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 11:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2023
 Supervised By : Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:05:37 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...	3.320	2.640	139.0E6	114.9E6	52.019	49.615
28)	SA Decachlor...	8.741	7.749	102.9E6	111.0E6	53.893	48.619
Target Compounds							
2)	A alpha-BHC	3.769	3.137	214.5E6	169.3E6	53.900	49.743
3)	MA gamma-BHC...	4.098	3.462	201.4E6	157.7E6	53.874	49.050m
4)	MA Heptachlor	4.676	3.794	202.0E6	163.2E6	55.278	47.670
5)	MB Aldrin	5.013	4.071	180.8E6	158.4E6	54.818	50.278
6)	B beta-BHC	4.302	3.762	88385893	60939966	51.824	44.664m
7)	B delta-BHC	4.543	3.989	187.9E6	155.4E6	52.239	50.656
8)	B Heptachlo...	5.439	4.571	166.0E6	141.3E6	54.435	49.041m
9)	A Endosulfan I	5.820	4.940	152.0E6	129.8E6	54.835	48.609
10)	B gamma-Chl...	5.694	4.821	169.3E6	142.3E6	56.288	49.030
11)	B alpha-Chl...	5.772	4.884	162.9E6	142.1E6	54.575	48.957
12)	B 4,4'-DDE	5.950	5.073	141.0E6	117.8E6	55.471	51.232m
13)	MA Dieldrin	6.095	5.202	151.1E6	134.1E6	54.749	49.649m
14)	MA Endrin	6.322	5.477	133.7E6	119.5E6	55.151	48.841m
15)	B Endosulfa...	6.544	5.774	143.0E6	115.1E6	58.733	51.044m
16)	A 4,4'-DDD	6.466	5.630	111.7E6	93870920	55.099	50.188
17)	MA 4,4'-DDT	6.778	5.878	128.9E6	108.7E6	56.356	51.452
18)	B Endrin al...	6.675	5.955	100.4E6	92909883	53.272	49.648
19)	B Endosulfa...	6.909	6.178	128.4E6	116.5E6	54.122	49.471
20)	A Methoxychlor	7.259	6.456	67610457	60963262	55.403	50.307m
21)	B Endrin ke...	7.388	6.681	131.0E6	127.1E6	54.721	50.070m
22)	Mirex	7.853	6.852	102.2E6	110.7E6	52.240	48.059m

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

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Data File : PL082785.D
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Acq On : 18 May 2023 11:12
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

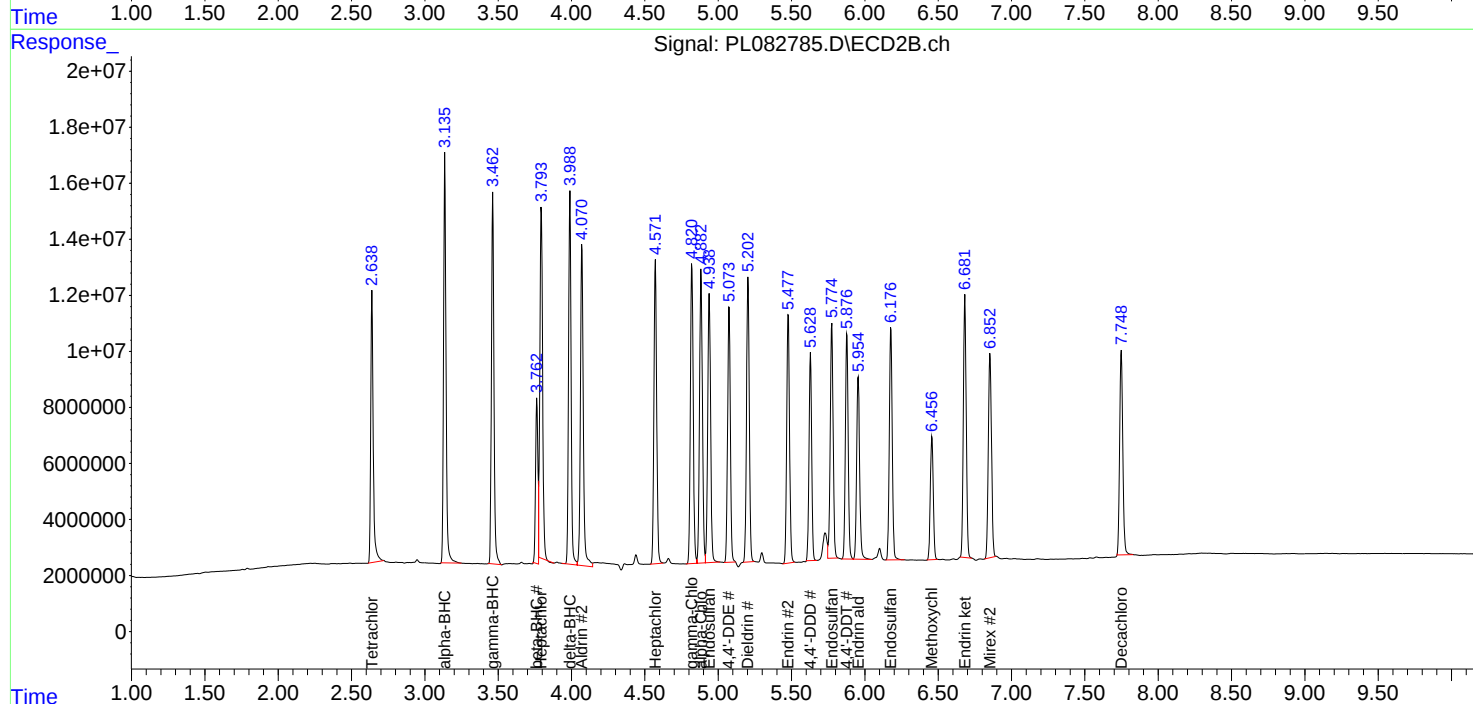
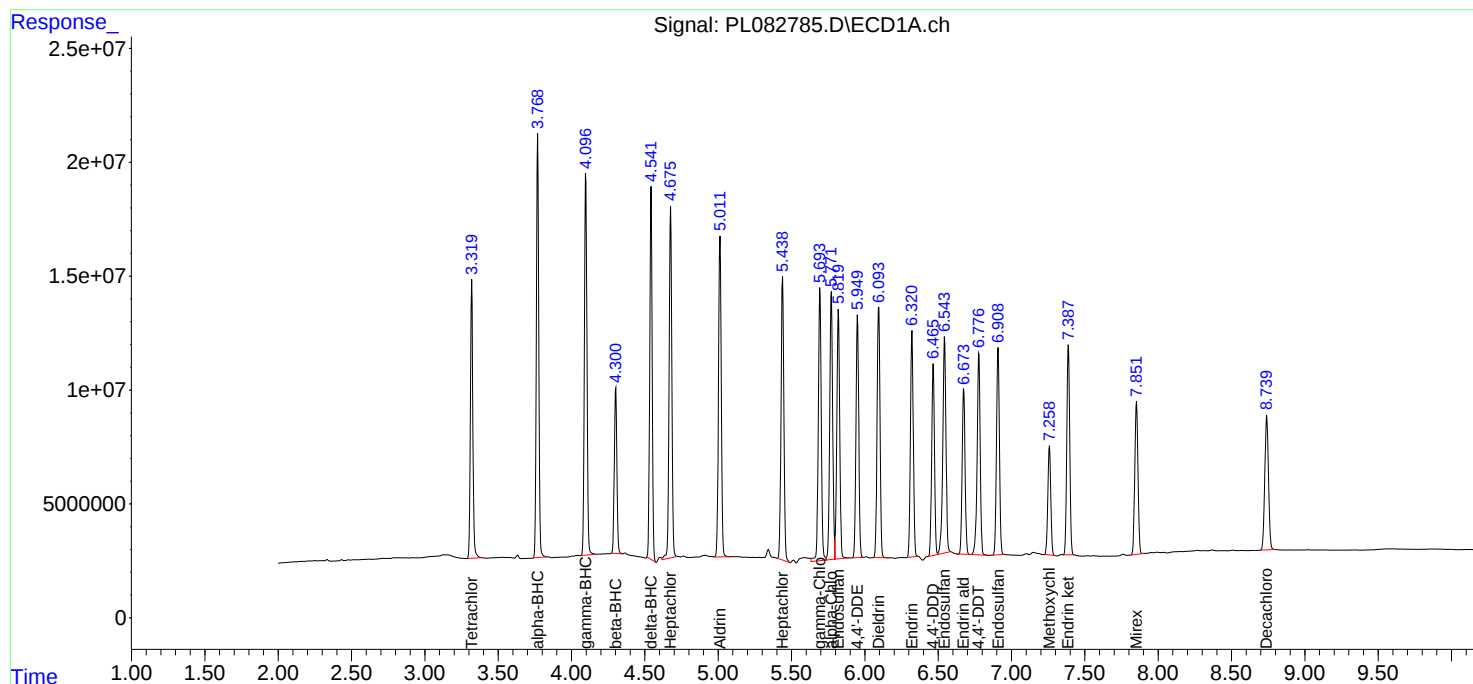
Manual Integrations

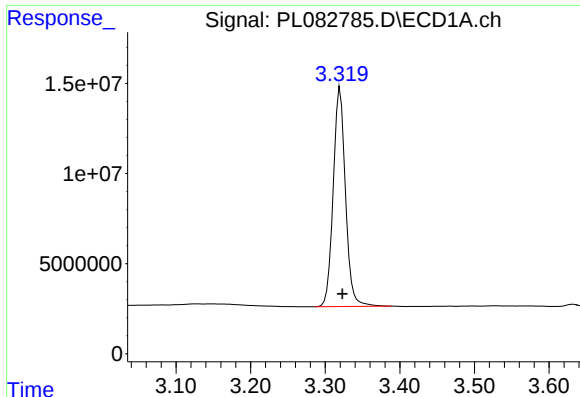
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Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 21:05:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





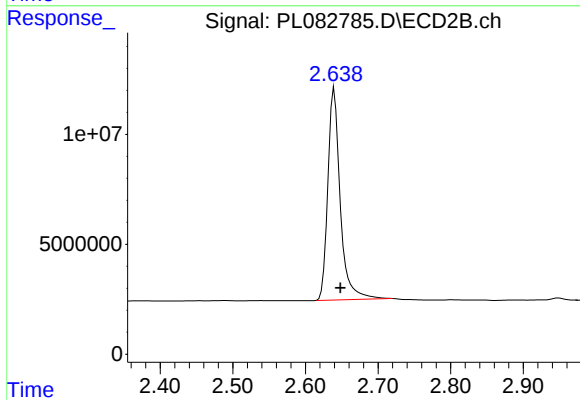
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 138954965
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

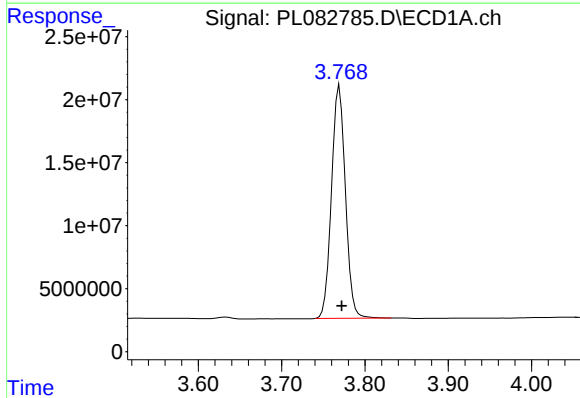
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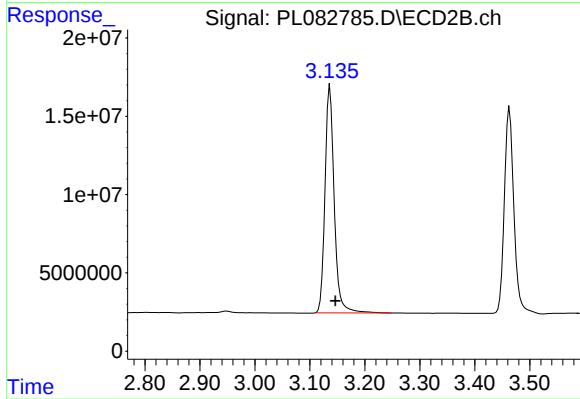
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 114945398
Conc: 49.62 ng/ml



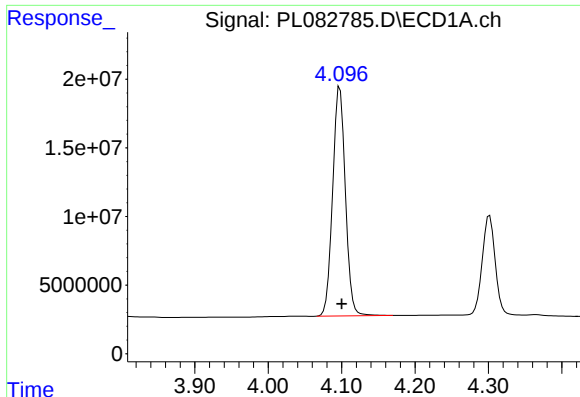
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 214536852
Conc: 53.90 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.010 min
Response: 169298340
Conc: 49.74 ng/ml



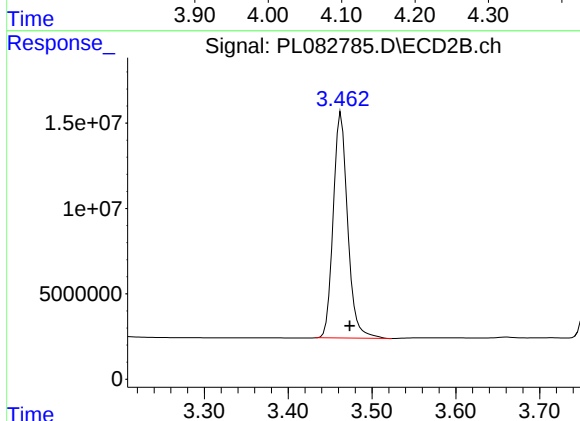
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.003 min
Response: 201429765
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

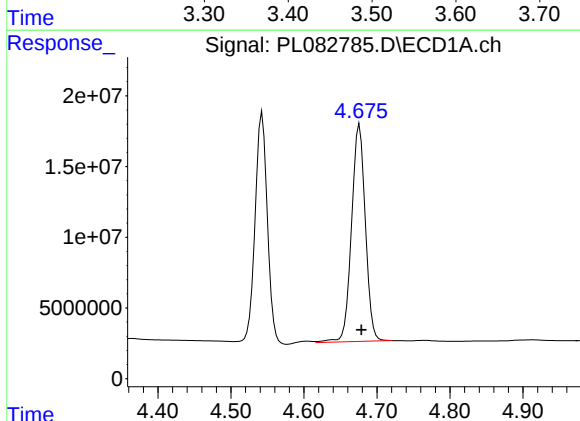
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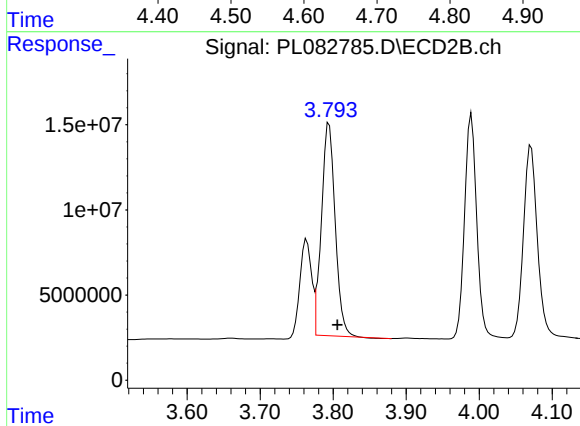
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: -0.012 min
Response: 157709732
Conc: 49.05 ng/ml m



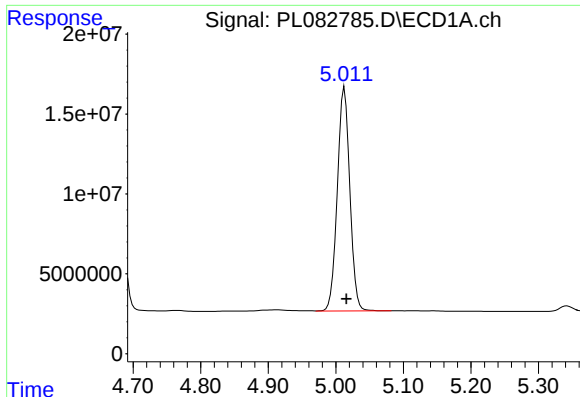
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 201982823
Conc: 55.28 ng/ml



#4 Heptachlor

R.T.: 3.794 min
Delta R.T.: -0.011 min
Response: 163186281
Conc: 47.67 ng/ml



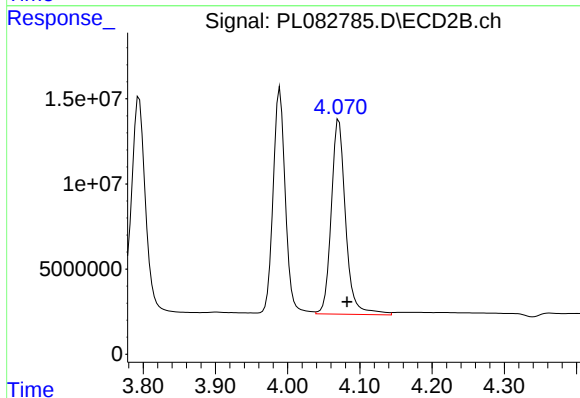
#5 Aldrin

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 180765856
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

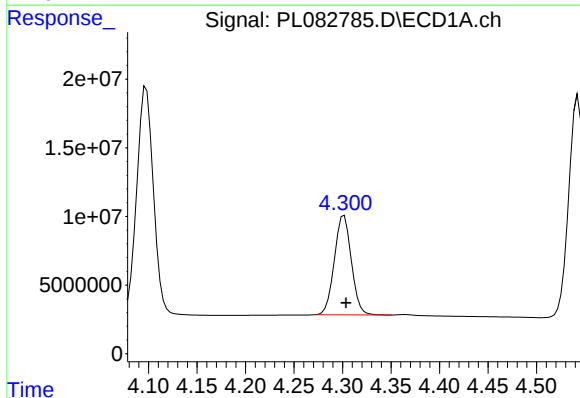
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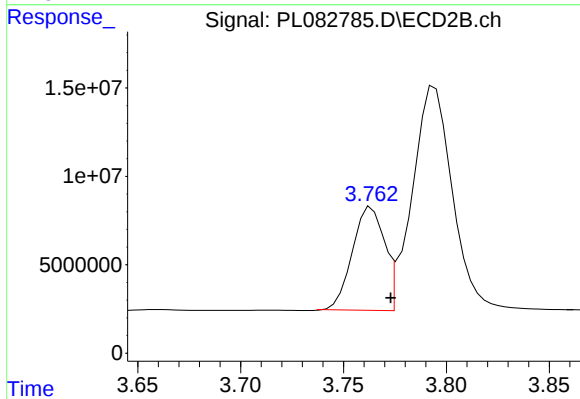
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 158368598
Conc: 50.28 ng/ml



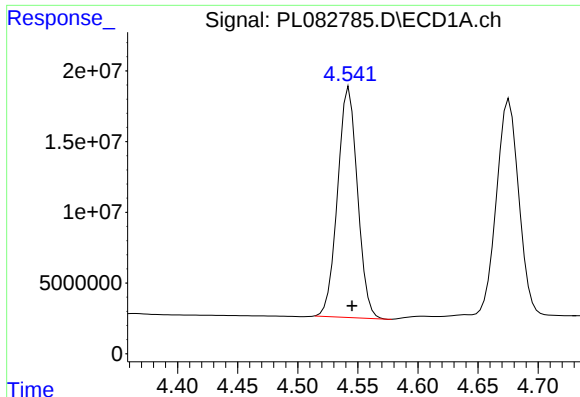
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 88385893
Conc: 51.82 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: -0.011 min
Response: 60939966
Conc: 44.66 ng/ml m



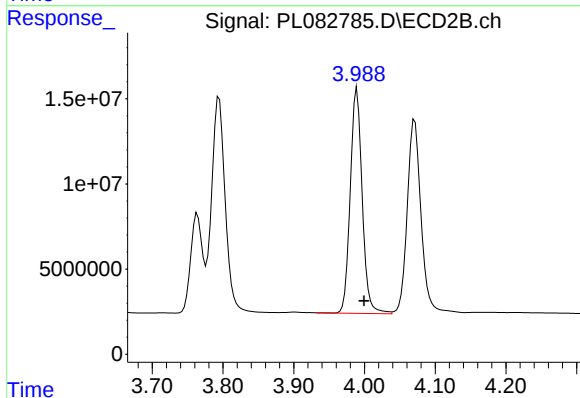
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 187945495
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

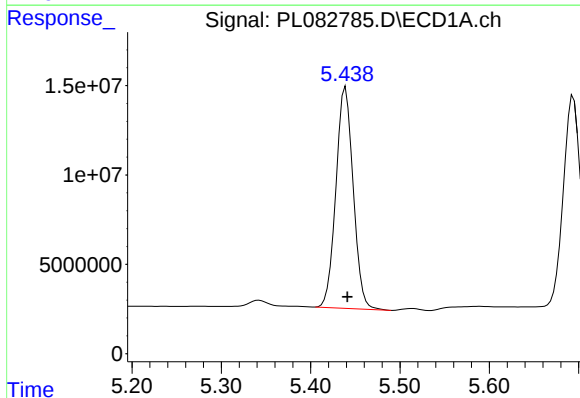
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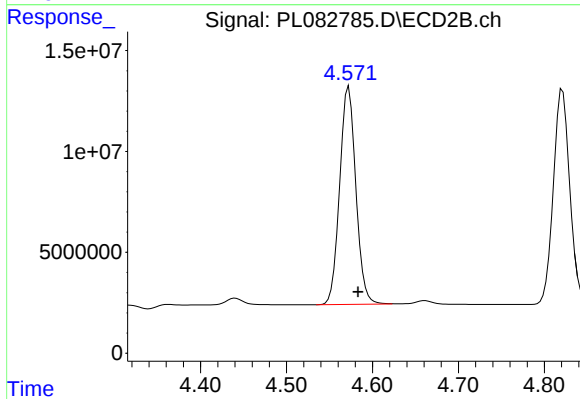
#7 delta-BHC

R.T.: 3.989 min
Delta R.T.: -0.010 min
Response: 155380728
Conc: 50.66 ng/ml



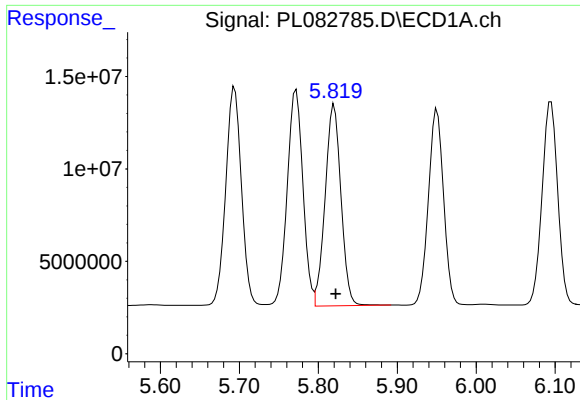
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 166045369
Conc: 54.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.571 min
Delta R.T.: -0.012 min
Response: 141282659
Conc: 49.04 ng/ml m



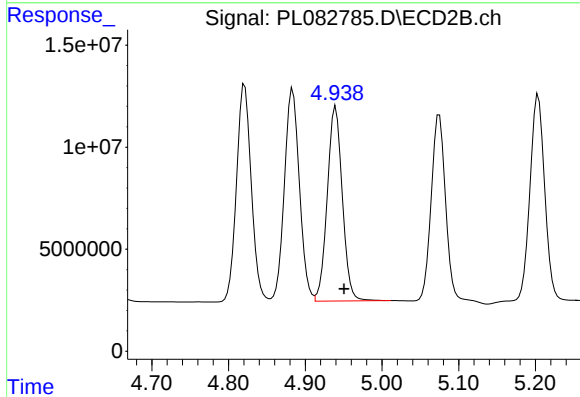
#9 Endosulfan I

R.T.: 5.820 min
Delta R.T.: -0.002 min
Response: 152043764
Conc: 54.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

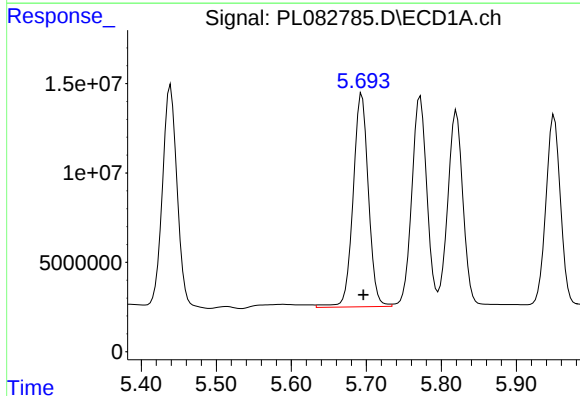
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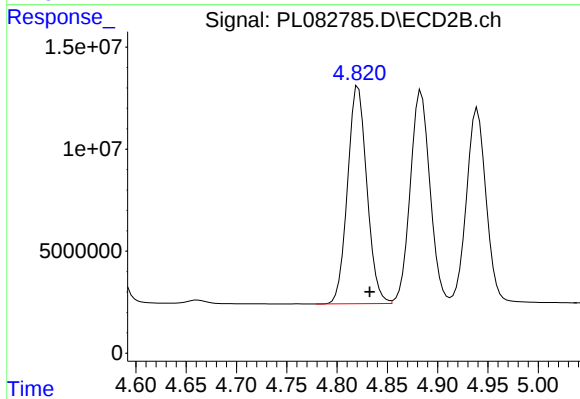
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.011 min
Response: 129757885
Conc: 48.61 ng/ml



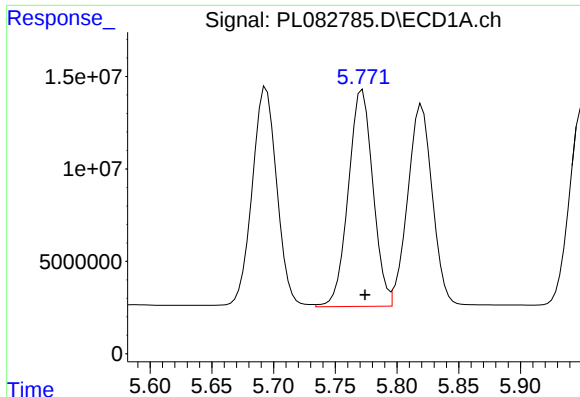
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 169251209
Conc: 56.29 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: -0.011 min
Response: 142279187
Conc: 49.03 ng/ml



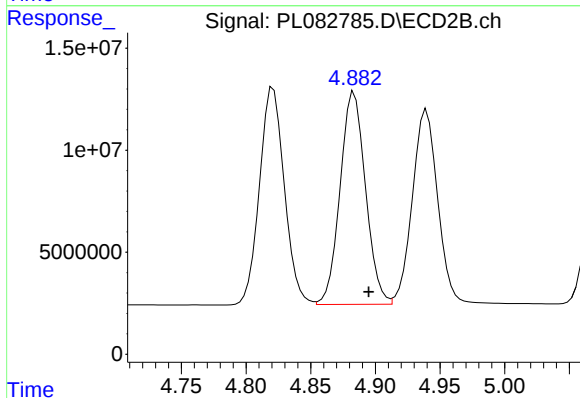
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 162885889
Conc: 54.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

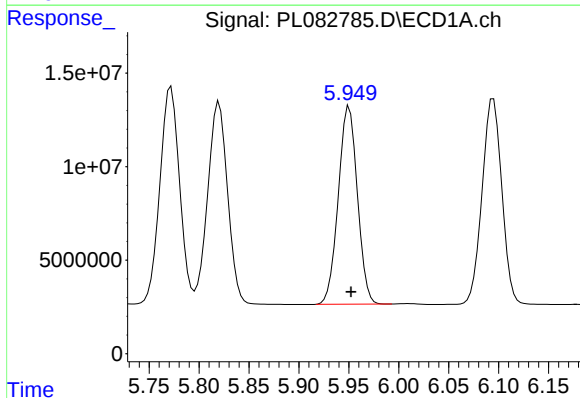
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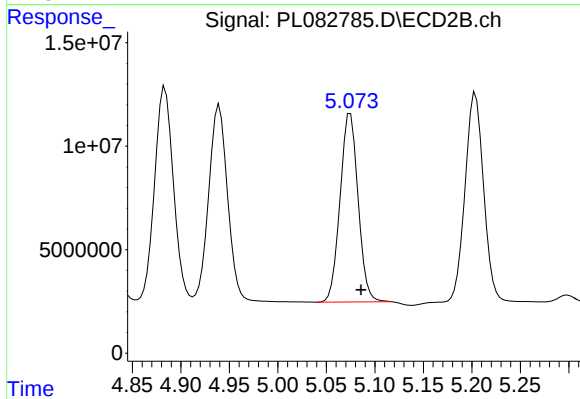
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: -0.011 min
Response: 142114949
Conc: 48.96 ng/ml



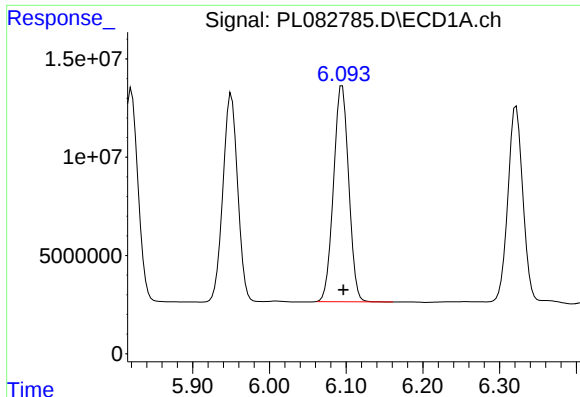
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 141009121
Conc: 55.47 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.012 min
Response: 117780153
Conc: 51.23 ng/ml m



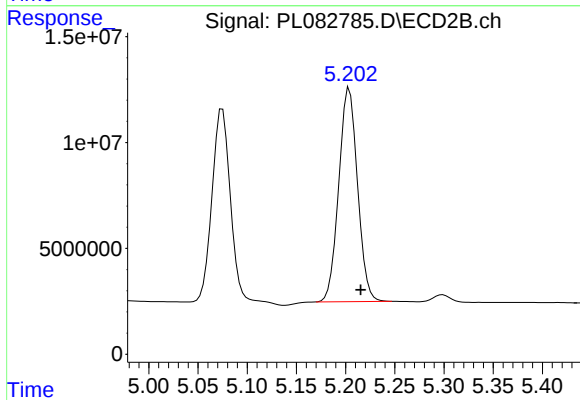
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 151060392
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

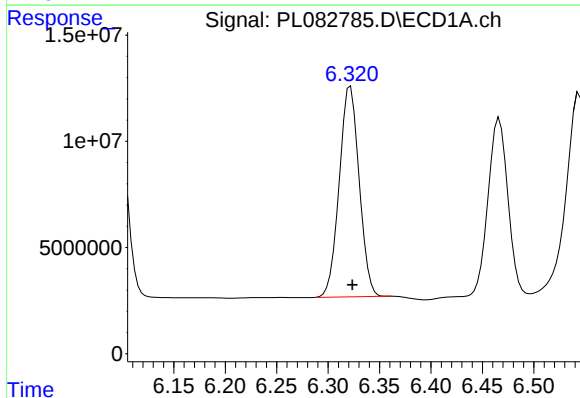
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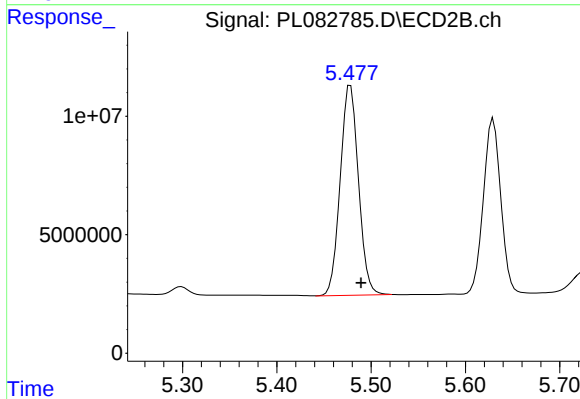
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 134070546
Conc: 49.65 ng/ml m



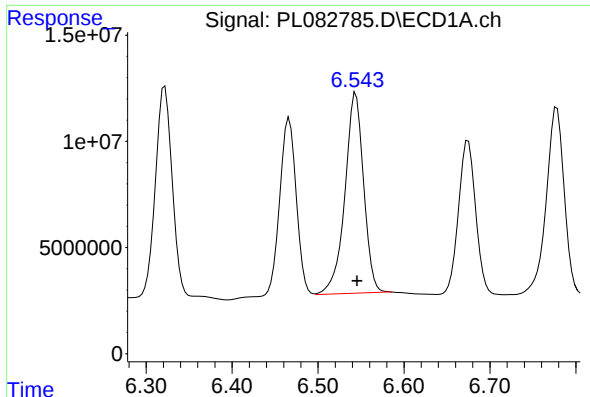
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 133717001
Conc: 55.15 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.013 min
Response: 119464122
Conc: 48.84 ng/ml m



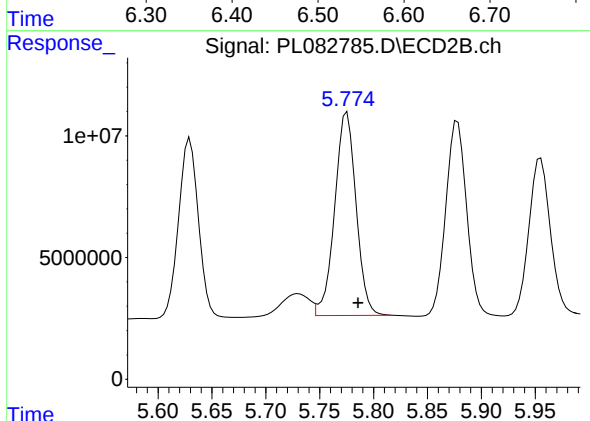
#15 Endosulfan II

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 142988913
Conc: 58.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

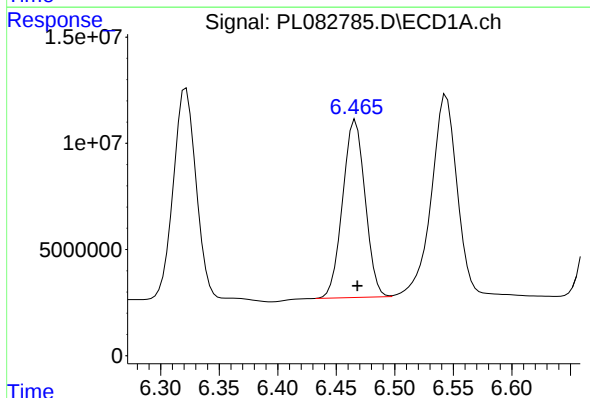
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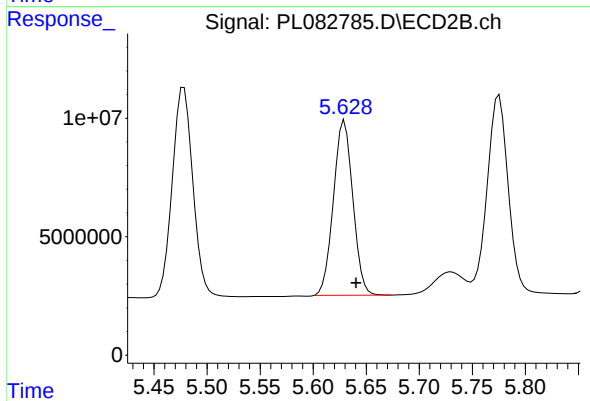
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: -0.012 min
Response: 115058916
Conc: 51.04 ng/ml m



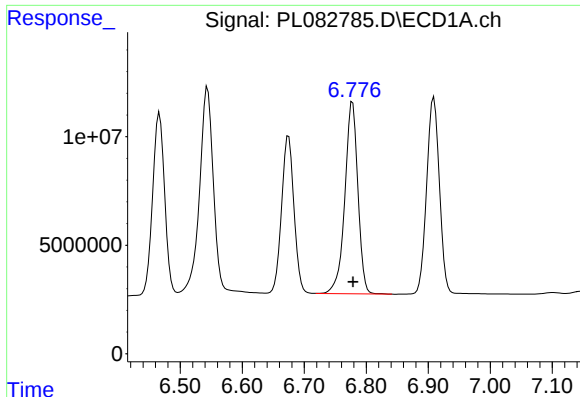
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 111696512
Conc: 55.10 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.011 min
Response: 93870920
Conc: 50.19 ng/ml



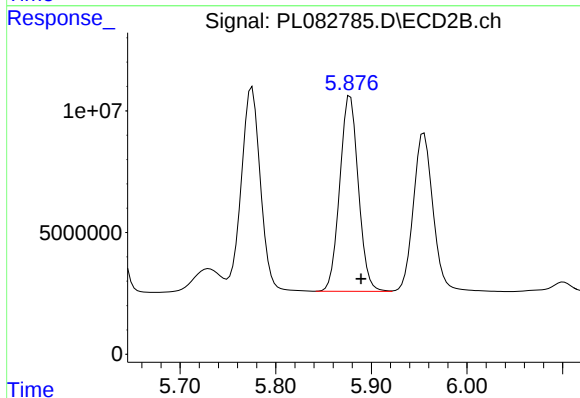
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 128926471
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

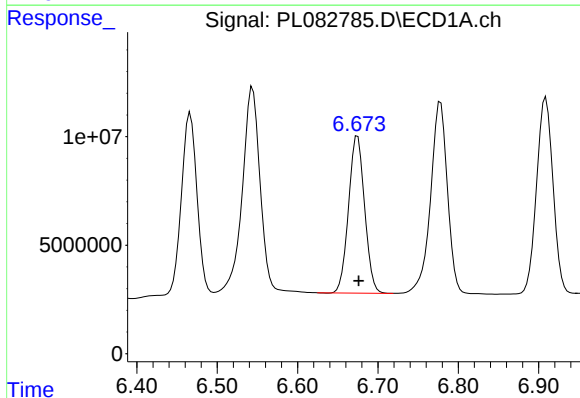
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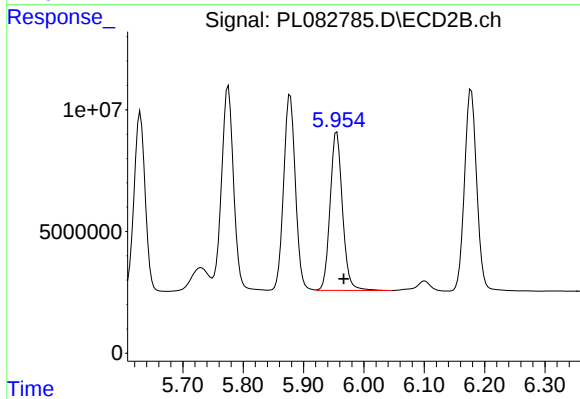
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 108697986
Conc: 51.45 ng/ml



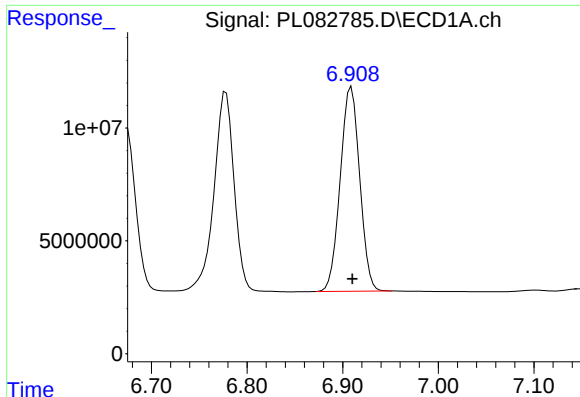
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 100374037
Conc: 53.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 92909883
Conc: 49.65 ng/ml



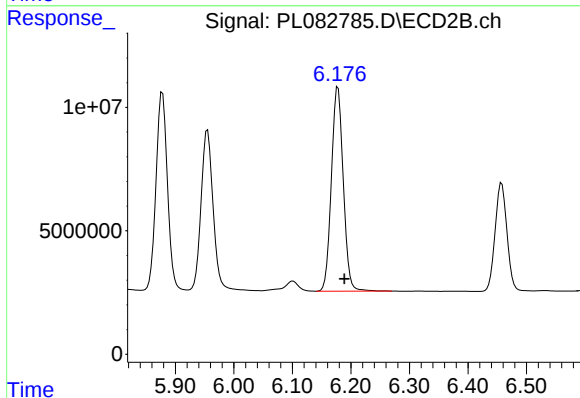
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 128351243
Conc: 54.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

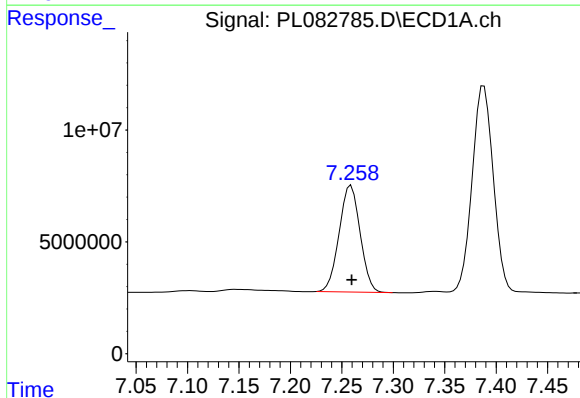
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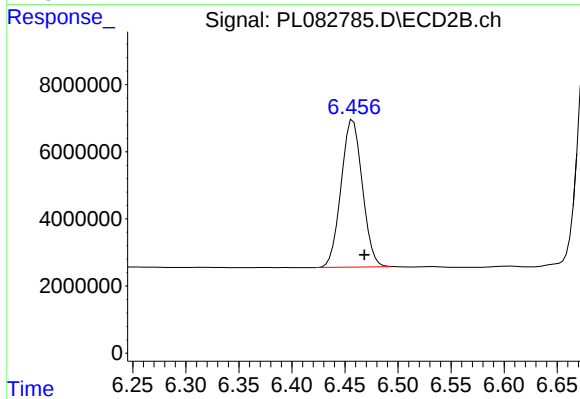
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 116467541
Conc: 49.47 ng/ml



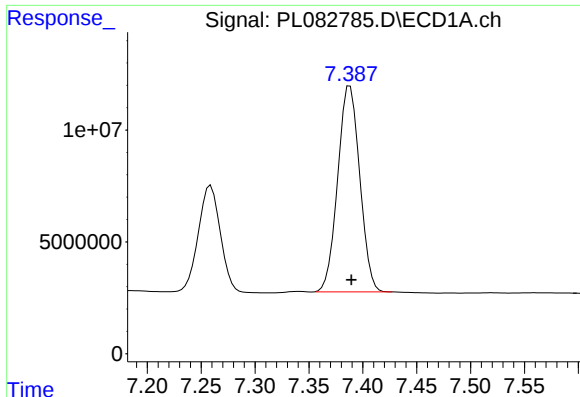
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 67610457
Conc: 55.40 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 60963262
Conc: 50.31 ng/ml m



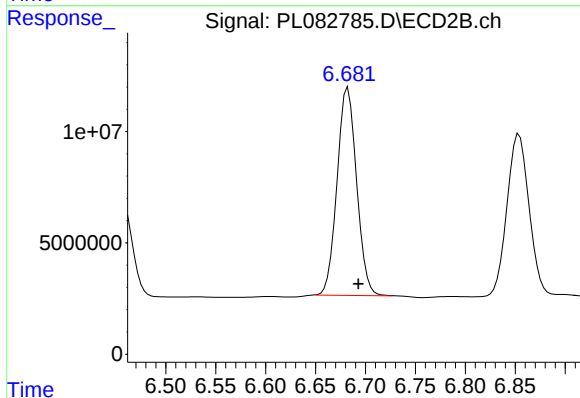
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 131023517
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

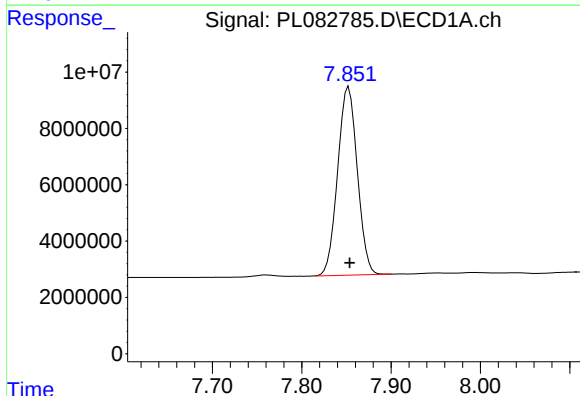
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



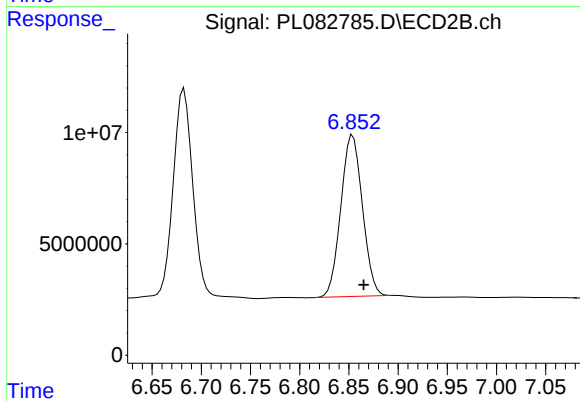
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 127086724
Conc: 50.07 ng/ml m



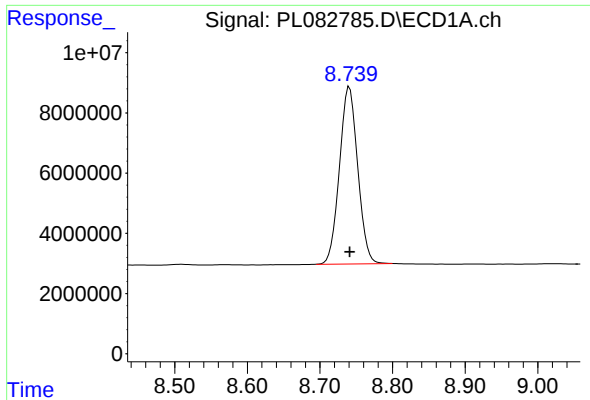
#22 Mirex

R.T.: 7.853 min
Delta R.T.: -0.001 min
Response: 102198647
Conc: 52.24 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 110740267
Conc: 48.06 ng/ml m



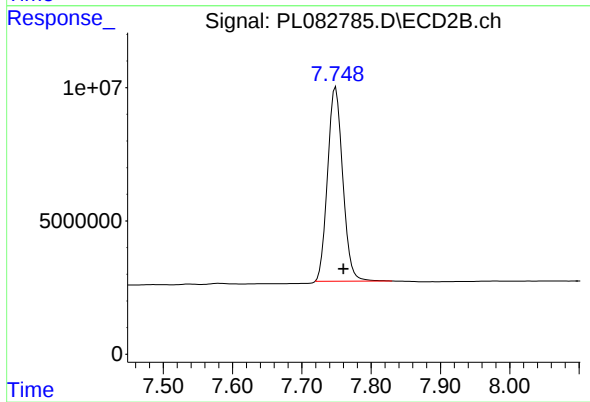
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 102885442
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/19/2023



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 110973460
Conc: 48.62 ng/ml