

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030223\
 Data File : PL081231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 05:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 05:53:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.334	2.665	113.3E6	102.9E6	52.423	50.867
28)	SA Decachlor...	8.761	7.790	81875428	99479539	53.705	51.933
Target Compounds							
2)	A alpha-BHC	3.784	3.166	168.7E6	152.3E6	53.032	51.955
3)	MA gamma-BHC...	4.113	3.494	156.4E6	144.1E6	52.852	52.395
4)	MA Heptachlor	4.692	3.829	147.1E6	144.8E6	53.293	52.487
5)	MB Aldrin	5.030	4.106	135.8E6	137.4E6	53.377	52.410m
6)	B beta-BHC	4.315	3.794	69331694	62610450	50.369	53.945
7)	B delta-BHC	4.557	4.022	153.5E6	144.7E6	55.233	56.822
8)	B Heptachlo...	5.456	4.610	137.3E6	131.3E6	58.180	54.306
9)	A Endosulfan I	5.837	4.977	115.2E6	105.0E6	54.515	46.377
10)	B gamma-Chl...	5.709	4.859	122.1E6	130.0E6	53.509m	53.099
11)	B alpha-Chl...	5.789	4.922	122.8E6	129.1E6	54.493	52.716
12)	B 4,4'-DDE	5.966	5.112	104.1E6	108.5E6	53.227	55.287m
13)	MA Dieldrin	6.112	5.242	111.2E6	118.9E6	53.109	52.747
14)	MA Endrin	6.339	5.517	94266168	103.8E6	51.866	51.650
15)	B Endosulfa...	6.561	5.813	91075499	98997491	52.237	53.695
16)	A 4,4'-DDD	6.482	5.668	85089963	89885276	55.276	58.591
17)	MA 4,4'-DDT	6.794	5.917	79884939	85224609	50.327	53.122
18)	B Endrin al...	6.689	5.994	74676086	79355186	52.172m	52.378
19)	B Endosulfa...	6.925	6.217	94201638	101.9E6	52.465	52.995
20)	A Methoxychlor	7.273	6.497	44089057	48102554	51.185	51.829
21)	B Endrin ke...	7.404	6.722	97555562	111.2E6	53.779	51.659
22)	Mirex	7.869	6.894	76697090	96861911	52.564	50.327

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030223\
Data File : PL081231.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Mar 2023 05:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

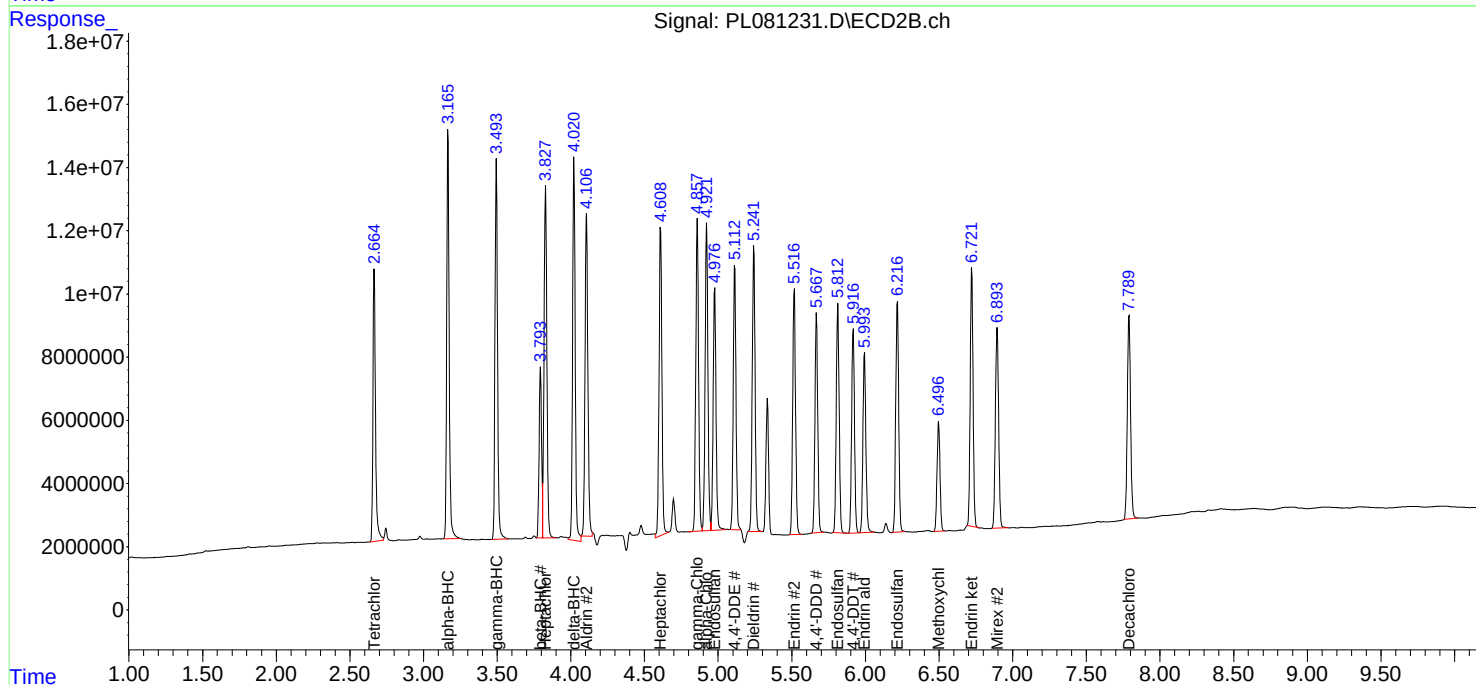
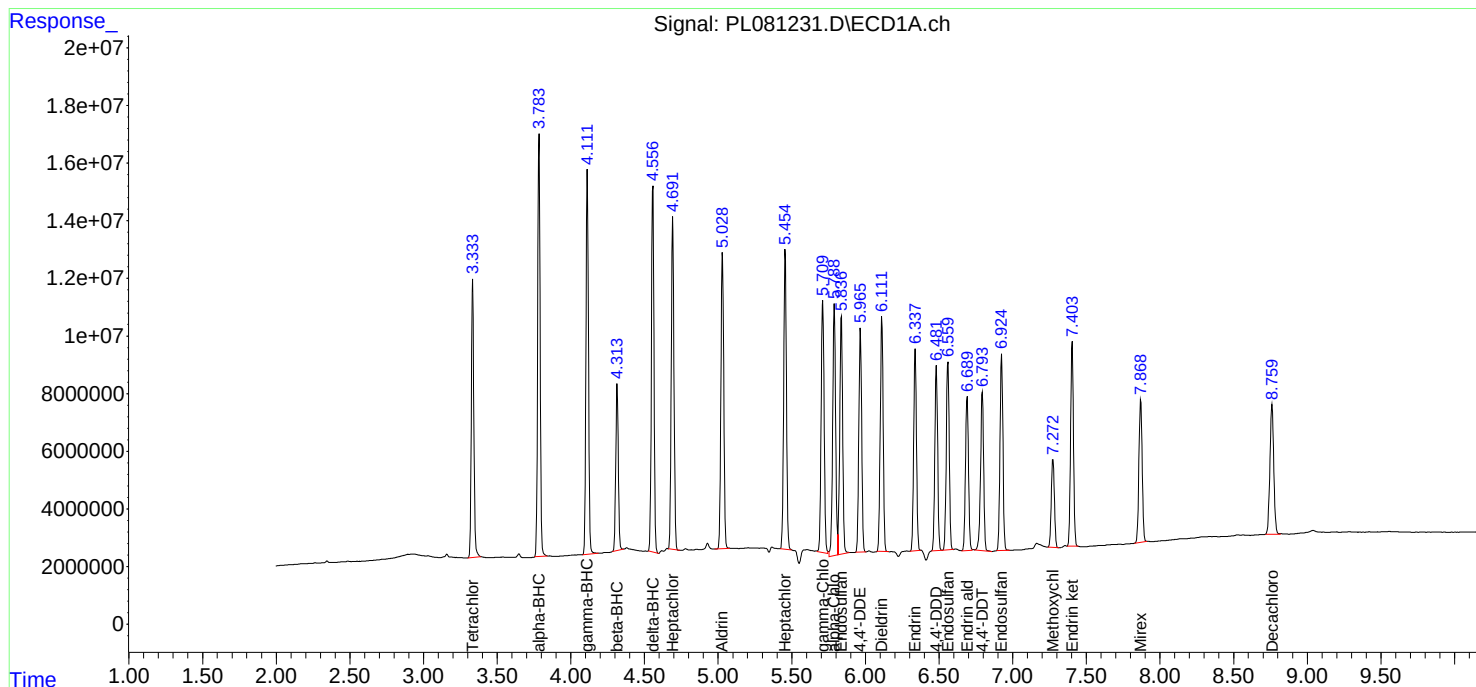
APPROVED

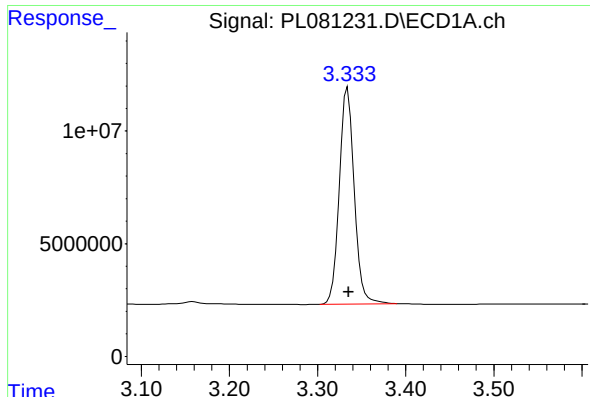
Reviewed By :Abdul Mirza 03/03/2023

Supervised By :Ankita Jodhani 03/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 05:53:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





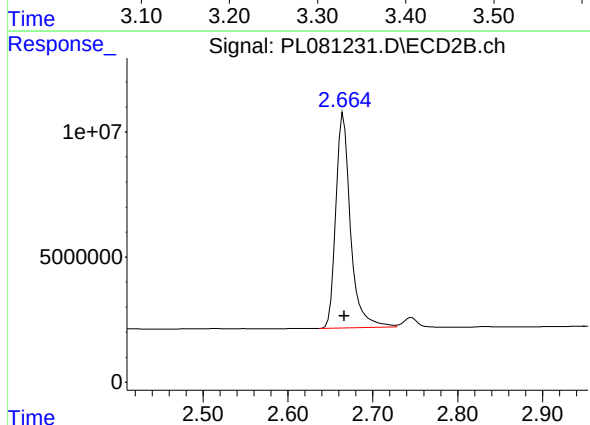
#1 Tetrachloro-m-xylene

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 113262706
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

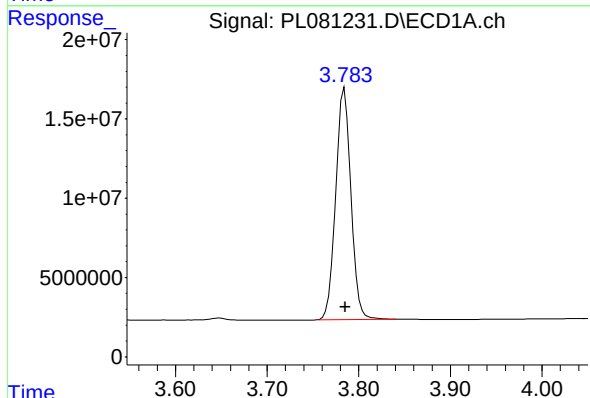
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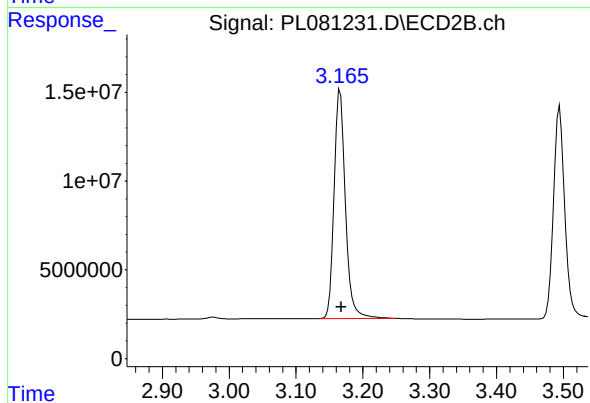
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.001 min
Response: 102945437
Conc: 50.87 ng/ml



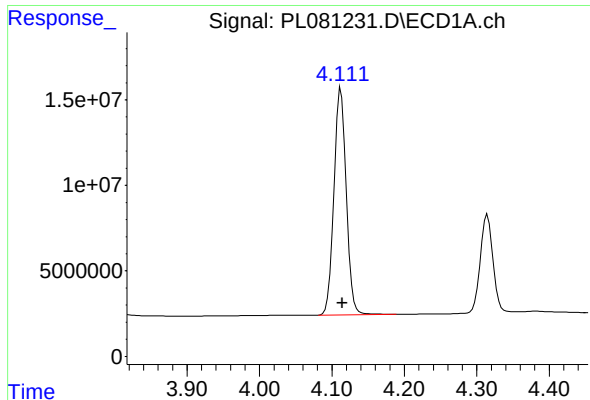
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 168708629
Conc: 53.03 ng/ml



#2 alpha-BHC

R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 152261972
Conc: 51.96 ng/ml



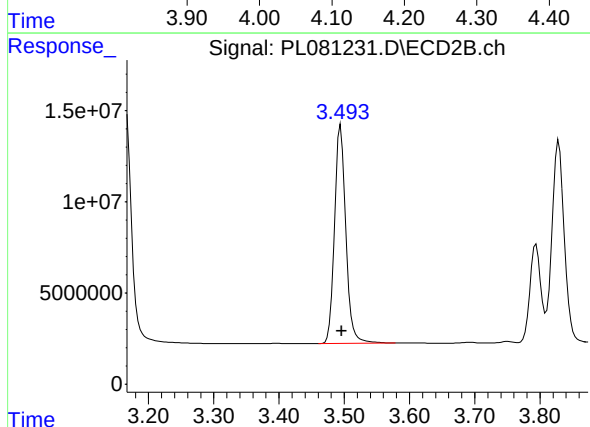
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.002 min
Response: 156367237
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

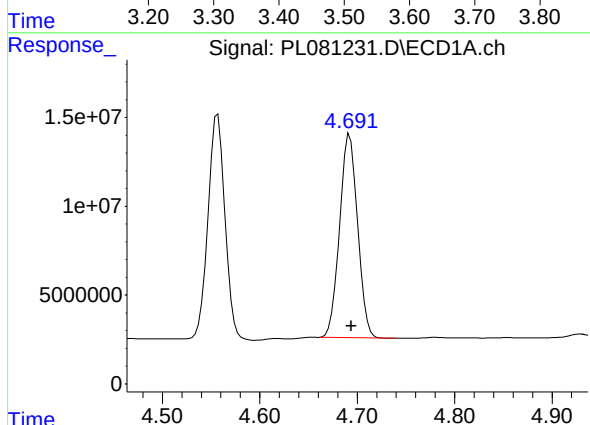
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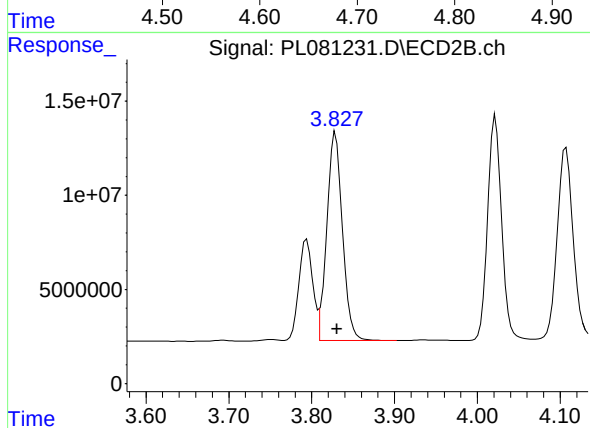
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.002 min
Response: 144141158
Conc: 52.39 ng/ml



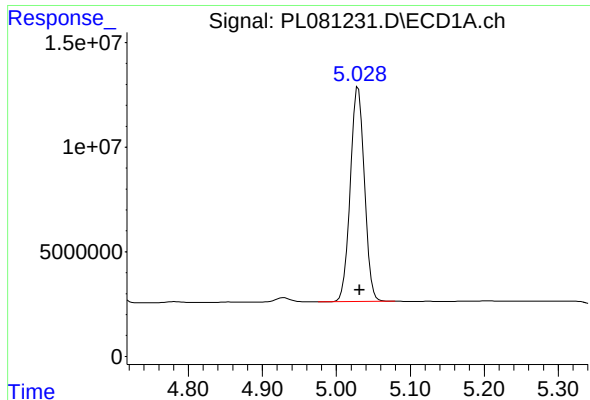
#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 147056354
Conc: 53.29 ng/ml



#4 Heptachlor

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 144840293
Conc: 52.49 ng/ml



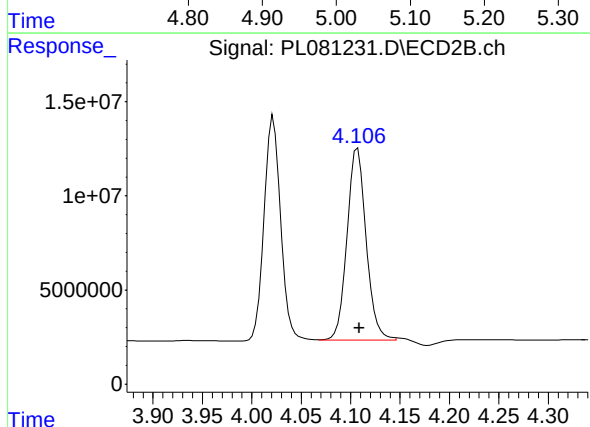
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 135798055
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

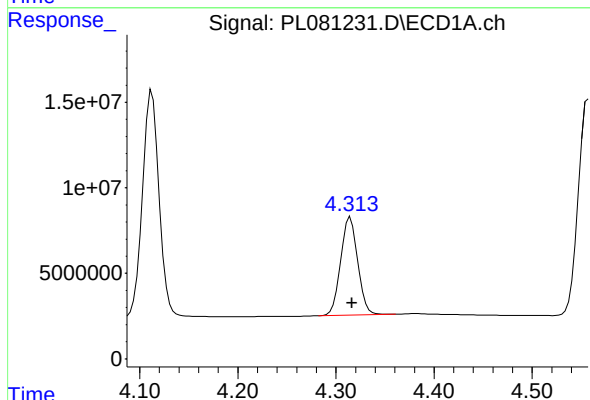
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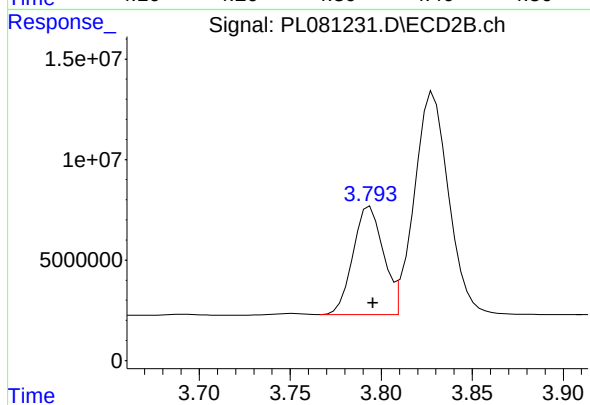
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 137404208
Conc: 52.41 ng/ml



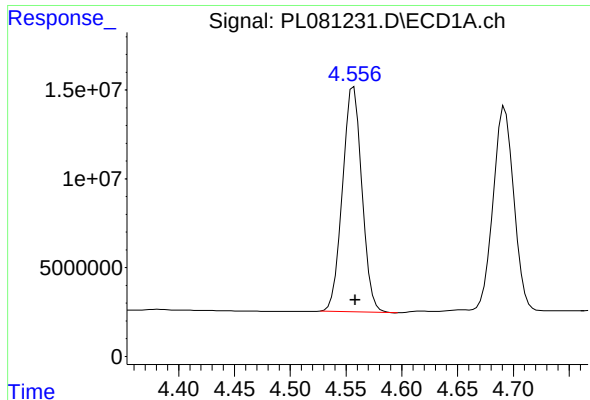
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 69331694
Conc: 50.37 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 62610450
Conc: 53.95 ng/ml



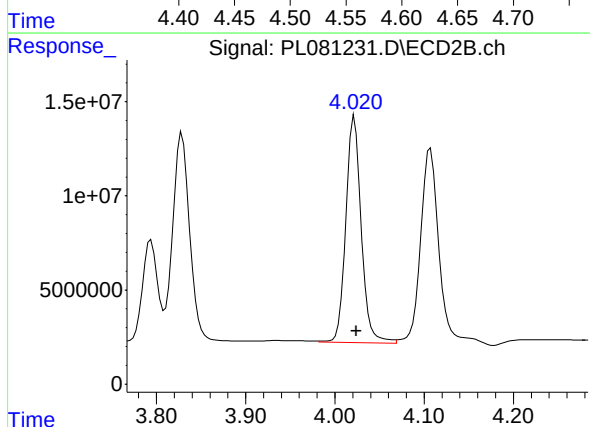
#7 delta-BHC

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 153501812
Conc: 55.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

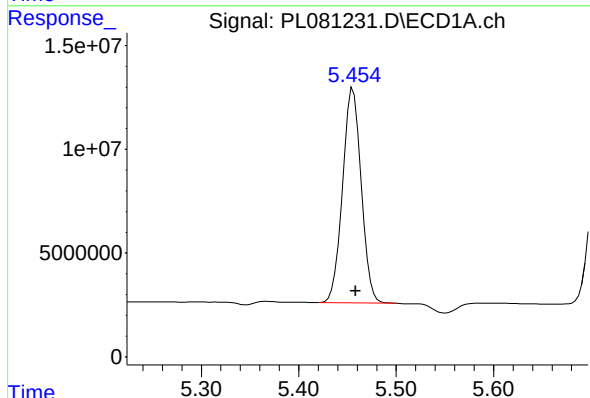
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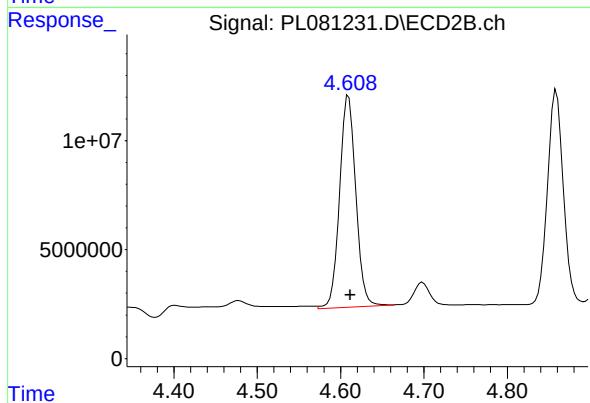
#7 delta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 144705795
Conc: 56.82 ng/ml



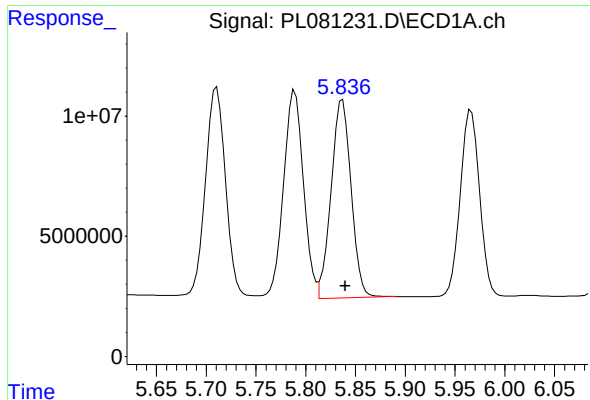
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 137306406
Conc: 58.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 131316257
Conc: 54.31 ng/ml



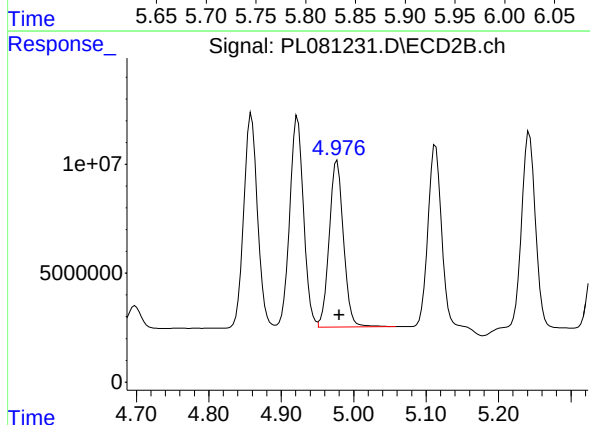
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: -0.003 min
Response: 115174772
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

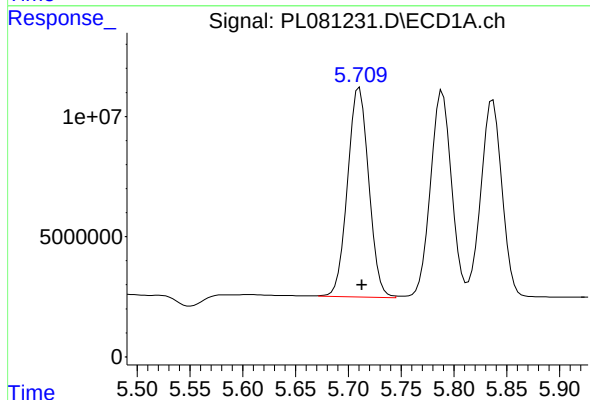
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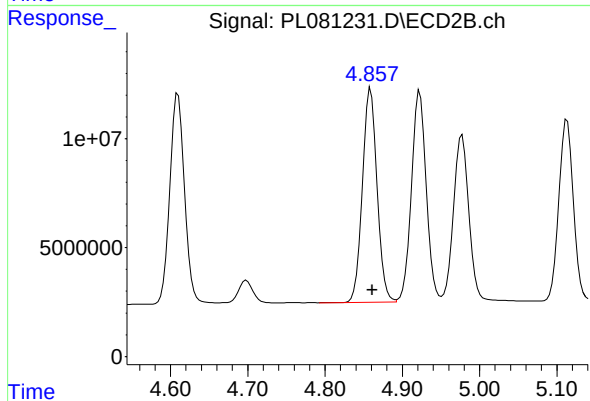
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 104981061
Conc: 46.38 ng/ml



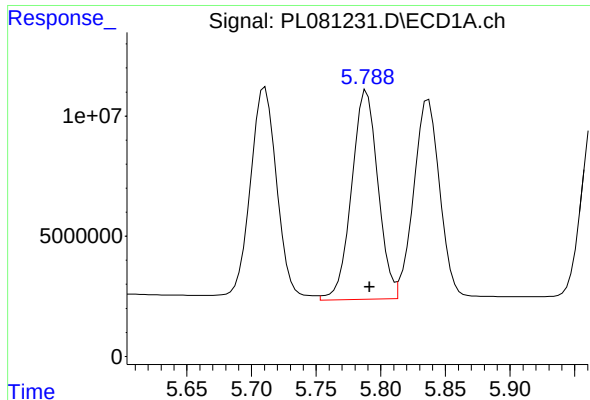
#10 gamma-Chlordane

R.T.: 5.709 min
Delta R.T.: -0.004 min
Response: 122102843
Conc: 53.51 ng/ml m



#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 129973974
Conc: 53.10 ng/ml



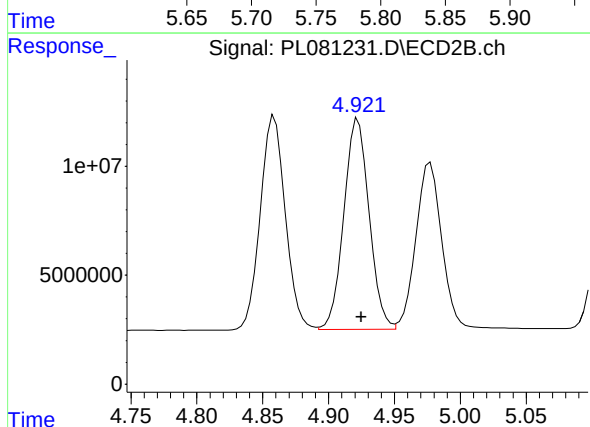
#11 alpha-Chlordane

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 122768969
Conc: 54.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

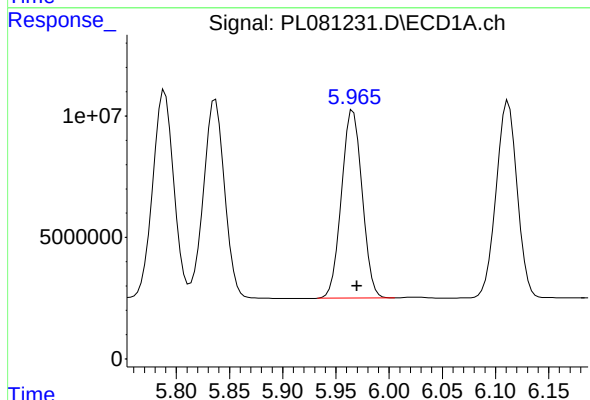
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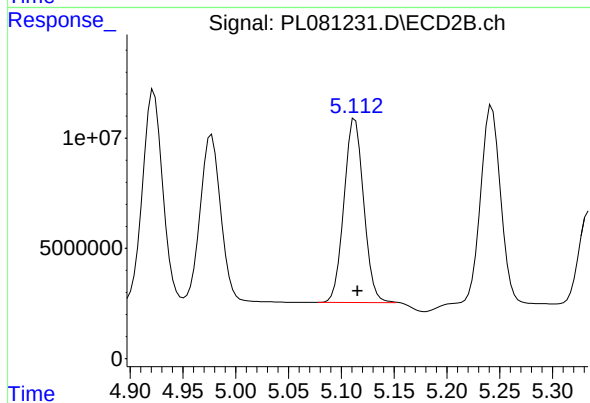
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 129076935
Conc: 52.72 ng/ml



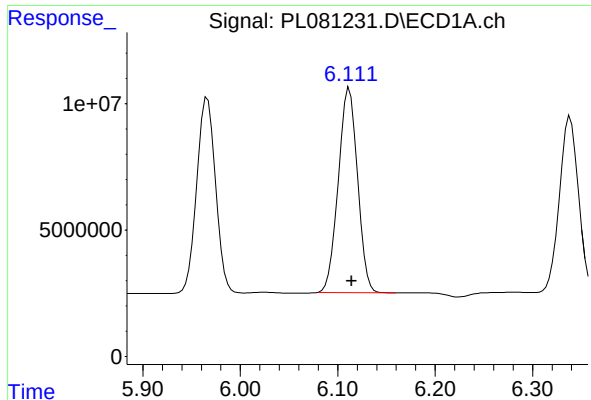
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 104142946
Conc: 53.23 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 108520721
Conc: 55.29 ng/ml m



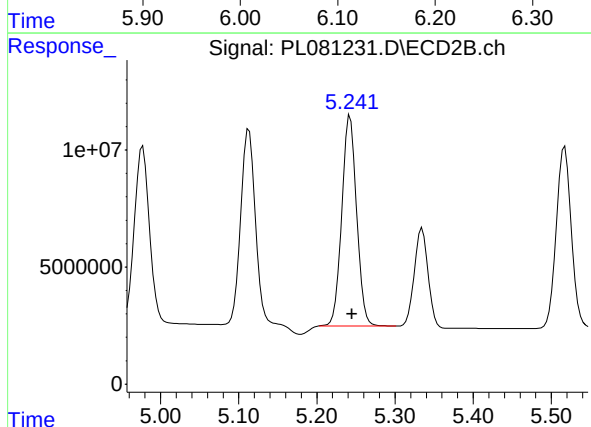
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 111157188
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

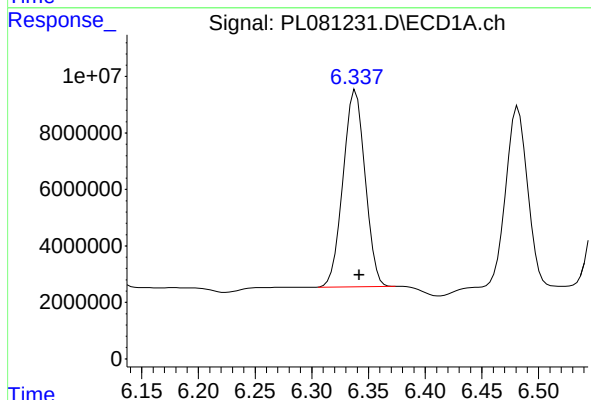
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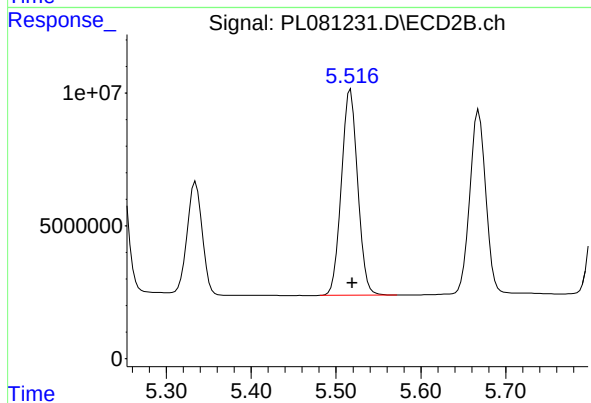
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 118910676
Conc: 52.75 ng/ml



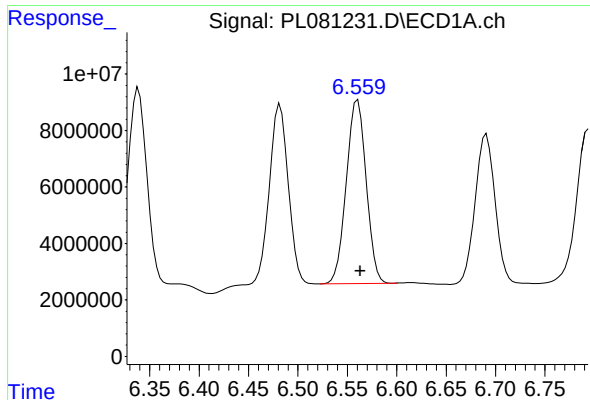
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 94266168
Conc: 51.87 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 103796963
Conc: 51.65 ng/ml



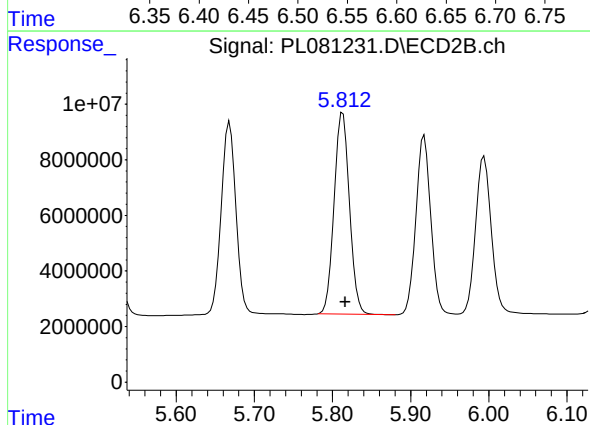
#15 Endosulfan II

R.T.: 6.561 min
Delta R.T.: -0.003 min
Response: 91075499
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

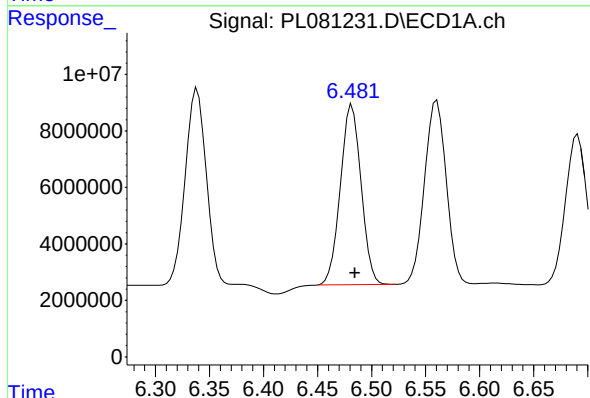
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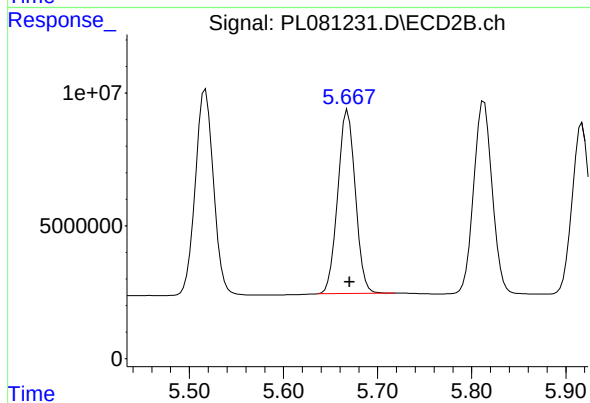
#15 Endosulfan II

R.T.: 5.813 min
Delta R.T.: -0.003 min
Response: 98997491
Conc: 53.69 ng/ml



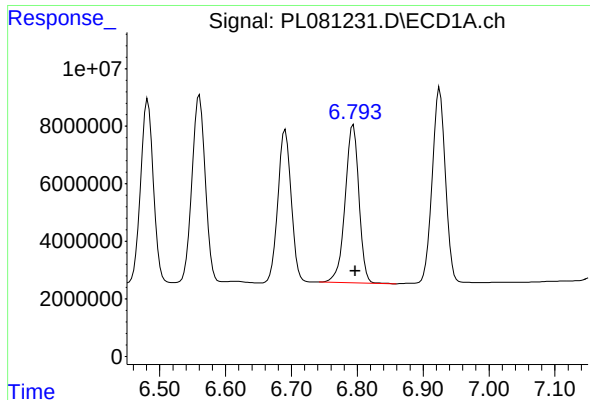
#16 4,4'-DDD

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 85089963
Conc: 55.28 ng/ml



#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 89885276
Conc: 58.59 ng/ml



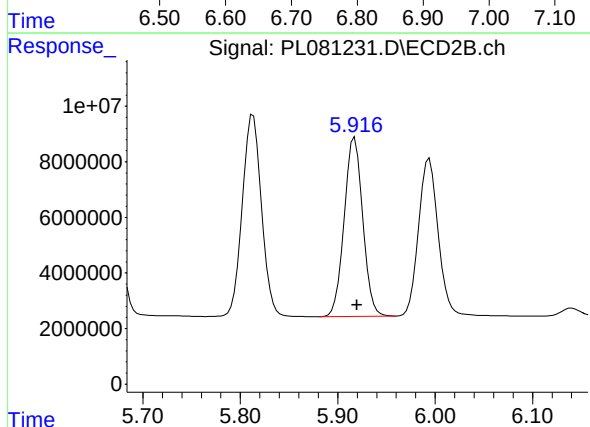
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: -0.003 min
Response: 79884939
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

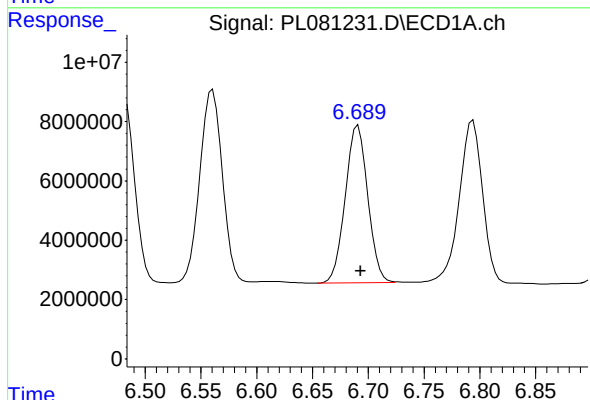
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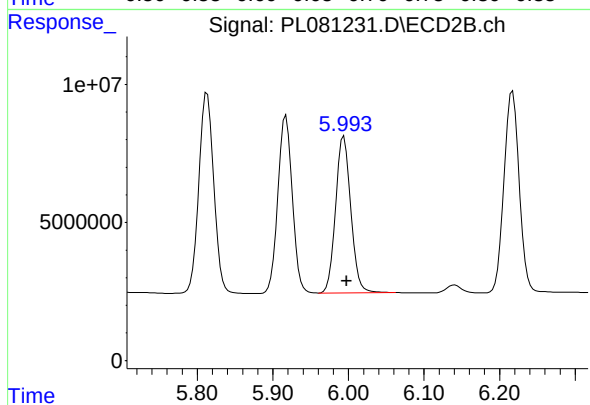
#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 85224609
Conc: 53.12 ng/ml



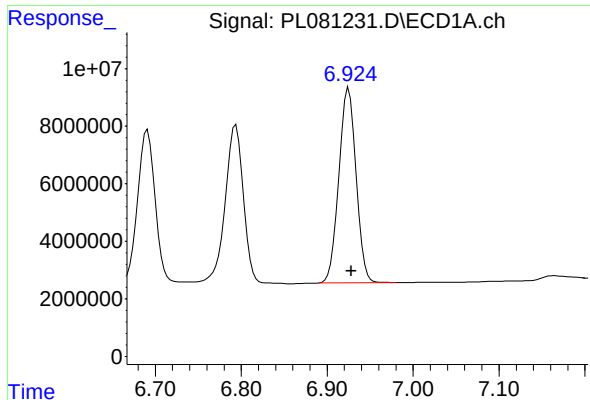
#18 Endrin aldehyde

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 74676086
Conc: 52.17 ng/ml m



#18 Endrin aldehyde

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 79355186
Conc: 52.38 ng/ml



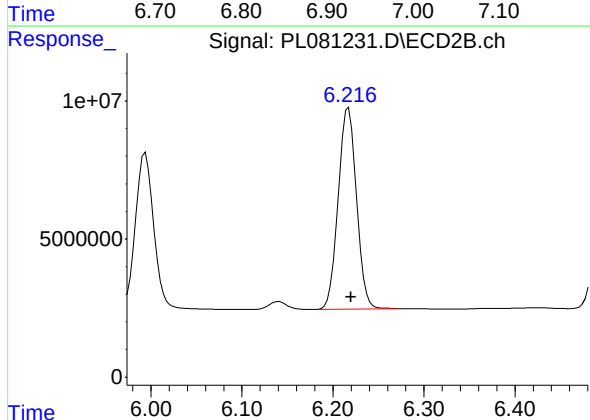
#19 Endosulfan Sulfate

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 94201638
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

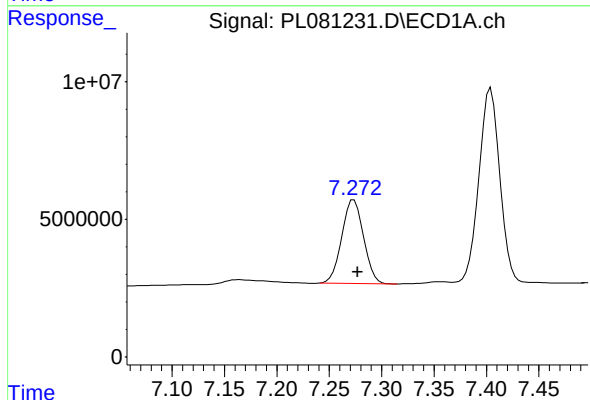
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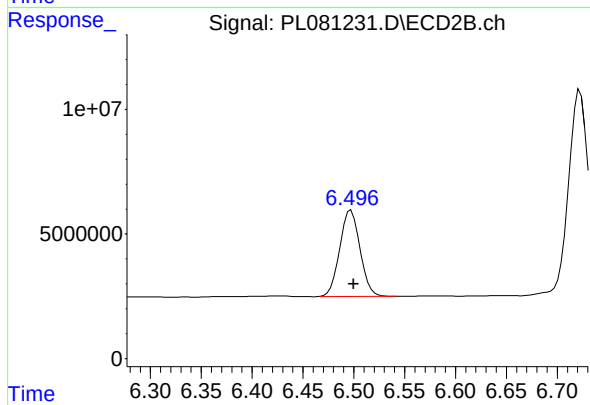
#19 Endosulfan Sulfate

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 101858836
Conc: 52.99 ng/ml



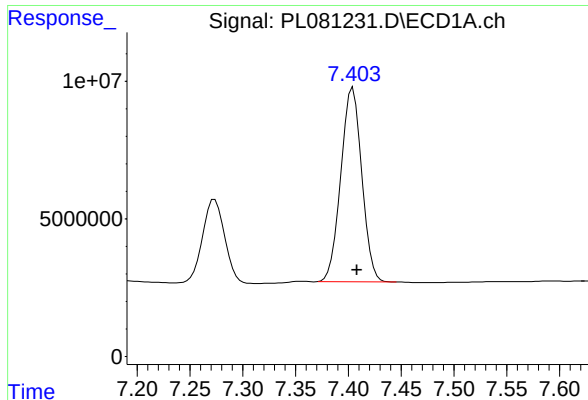
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 44089057
Conc: 51.19 ng/ml



#20 Methoxychlor

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 48102554
Conc: 51.83 ng/ml



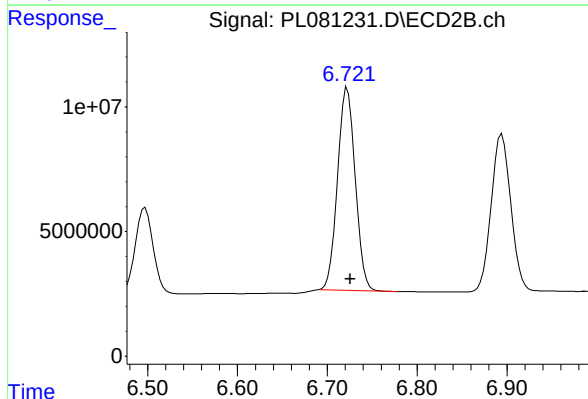
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 97555562
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

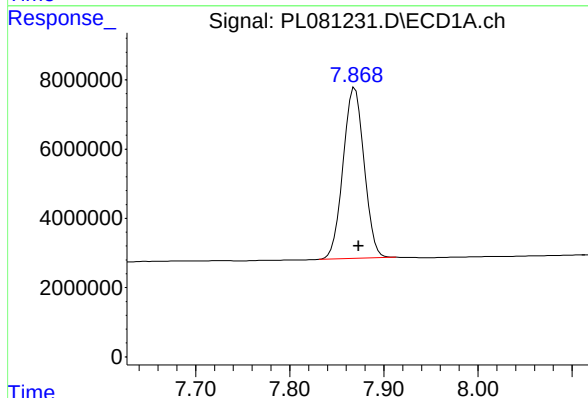
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Reviewed By :Abdul Mirza 03/03/2023
Supervised By :Ankita Jodhani 03/03/2023



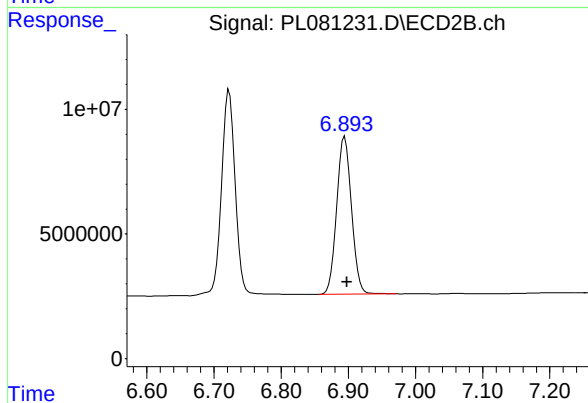
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 111227434
Conc: 51.66 ng/ml



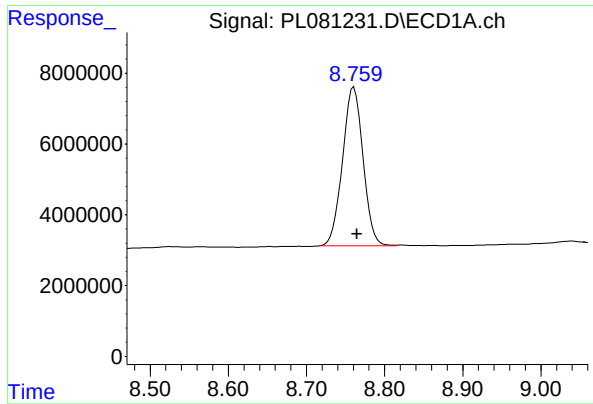
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.004 min
Response: 76697090
Conc: 52.56 ng/ml



#22 Mirex

R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 96861911
Conc: 50.33 ng/ml



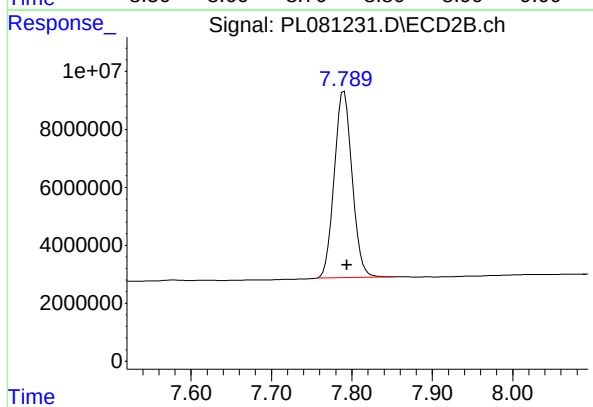
#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.004 min
Response: 81875428
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/03/2023
Supervised By :Ankita Jodhani 03/03/2023



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 99479539
Conc: 51.93 ng/ml