

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2023 19:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2023
 Supervised By : Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:18:10 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...	3.352	2.688	110.9E6	110.9E6	51.690	50.488
28)	SA Decachlor...	8.789	7.832	82099085	103.5E6	46.894	43.439
Target Compounds							
2)	A alpha-BHC	3.800	3.188	169.8E6	162.0E6	53.607	50.941
3)	MA gamma-BHC...	4.129	3.517	157.6E6	150.6E6	53.600	50.403
4)	MA Heptachlor	4.712	3.857	151.1E6	151.1E6	51.117	47.471
5)	MB Aldrin	5.051	4.136	140.9E6	143.6E6	51.508	48.679
6)	B beta-BHC	4.325	3.813	68869250	66457597	50.453	49.795
7)	B delta-BHC	4.568	4.042	155.2E6	145.7E6	53.622	50.495
8)	B Heptachlo...	5.475	4.638	130.6E6	132.7E6	50.501	47.703
9)	A Endosulfan I	5.857	5.007	120.4E6	121.5E6	50.970	46.709
10)	B gamma-Chl...	5.730	4.887	131.0E6	134.6E6	51.884	47.500m
11)	B alpha-Chl...	5.809	4.953	129.3E6	131.9E6	51.206	46.061
12)	B 4,4'-DDE	5.987	5.144	114.8E6	116.1E6	51.554	49.224m
13)	MA Dieldrin	6.131	5.271	122.6E6	127.1E6	51.227	46.986m
14)	MA Endrin	6.358	5.547	104.0E6	105.8E6	48.096	45.560
15)	B Endosulfa...	6.577	5.840	100.5E6	105.3E6	43.854	50.553m
16)	A 4,4'-DDD	6.501	5.699	99109184	101.0E6	54.099	53.722
17)	MA 4,4'-DDT	6.813	5.951	90323982	91350860	43.474	43.470
18)	B Endrin al...	6.706	6.021	81080212	83517477	48.743	45.735
19)	B Endosulfa...	6.941	6.244	103.7E6	108.6E6	50.118	46.700
20)	A Methoxychlor	7.292	6.527	47694410	52199225	43.229	43.017m
21)	B Endrin ke...	7.420	6.748	111.4E6	126.1E6	50.505	49.372
22)	Mirex	7.893	6.931	83223996	101.5E6	48.392	44.592

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 19:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

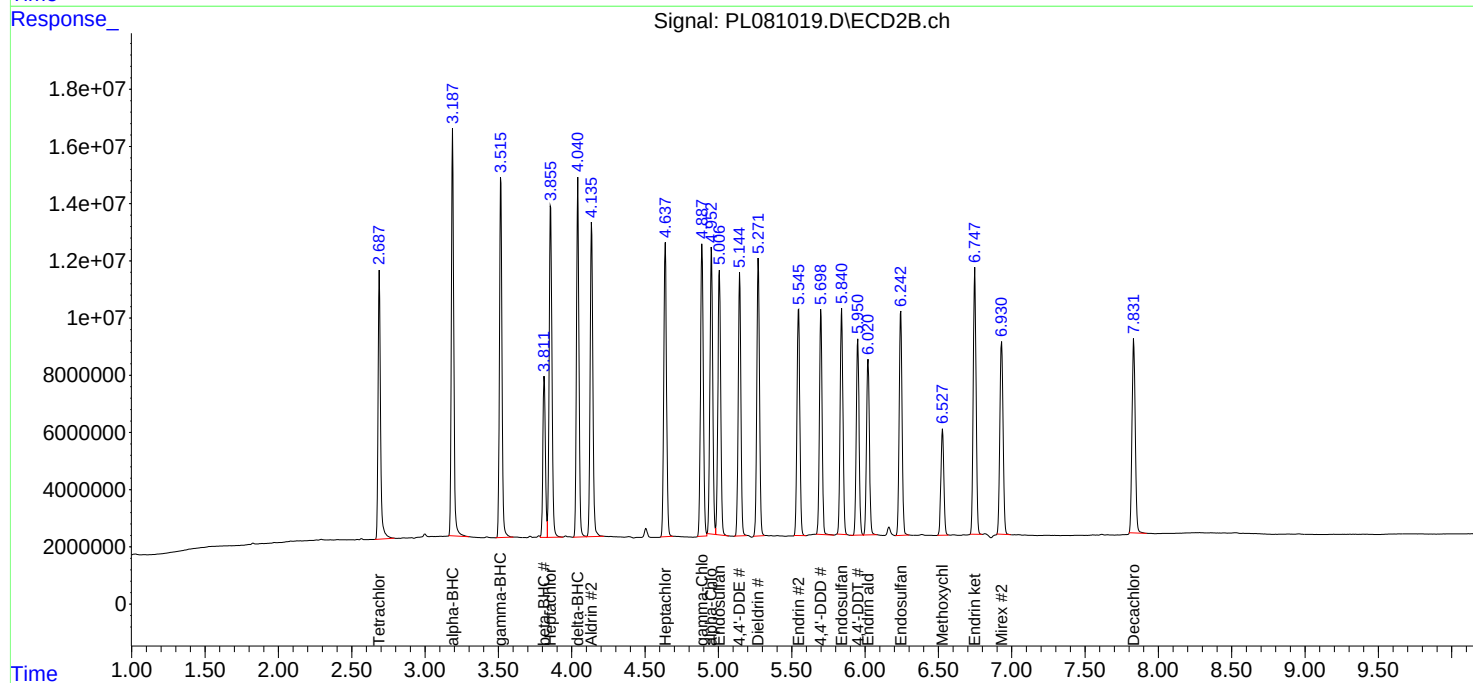
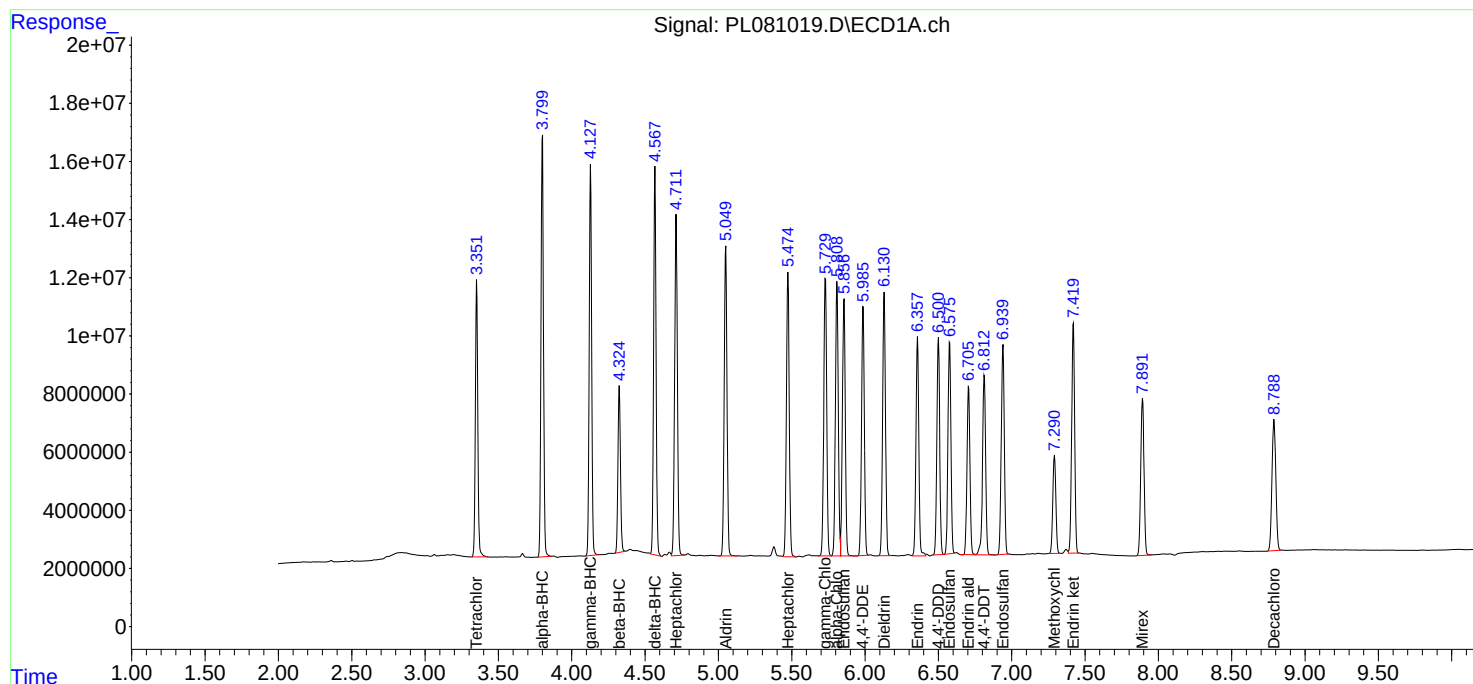
Manual Integrations

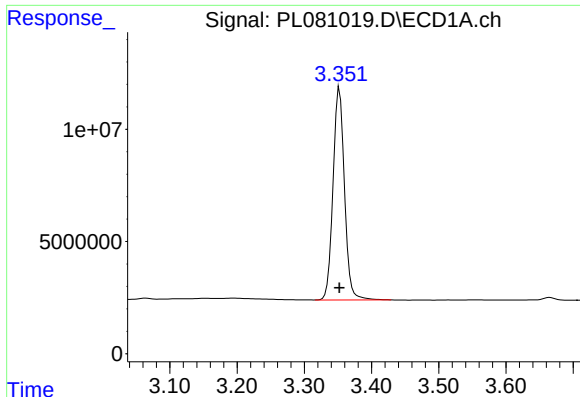
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Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:18:10 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





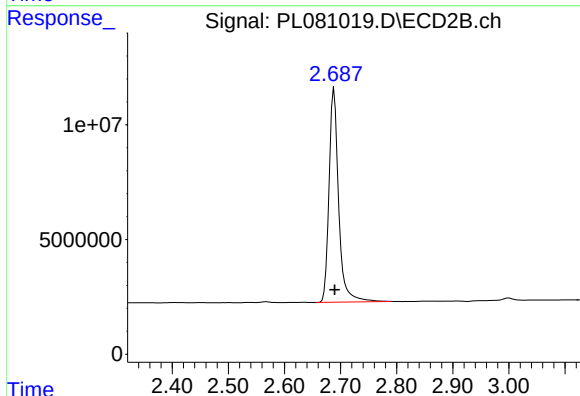
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 110866380
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

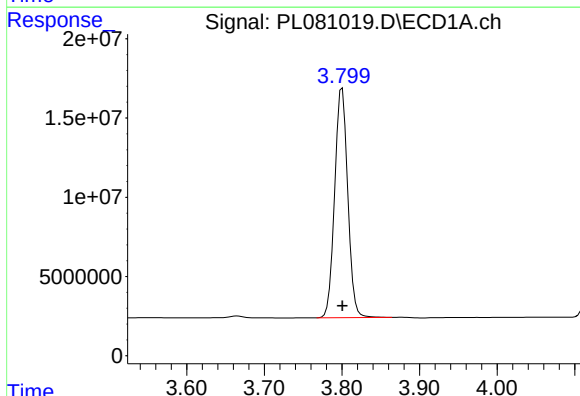
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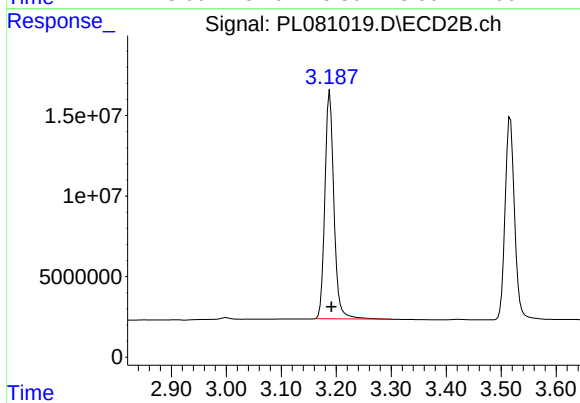
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 110893750
Conc: 50.49 ng/ml



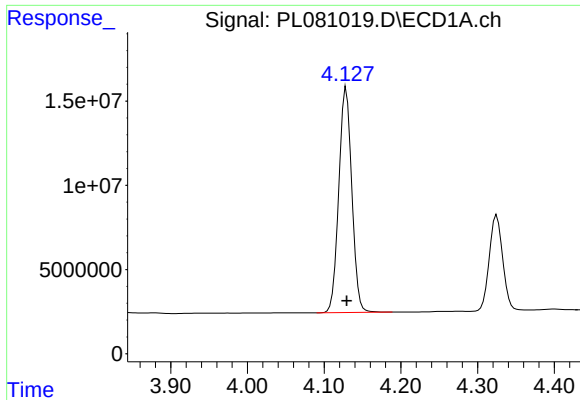
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 169827891
Conc: 53.61 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 162013970
Conc: 50.94 ng/ml



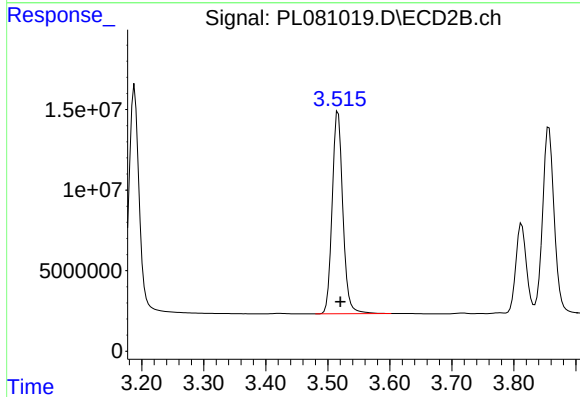
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 157571177
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

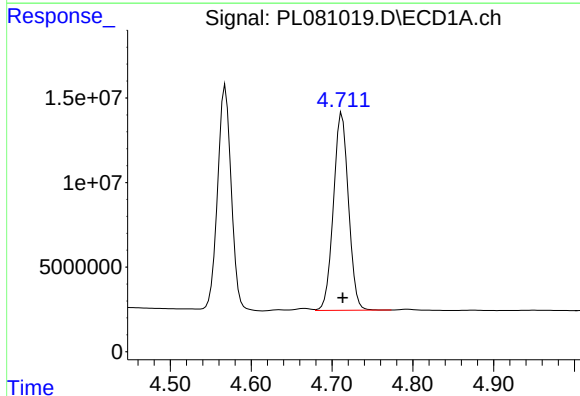
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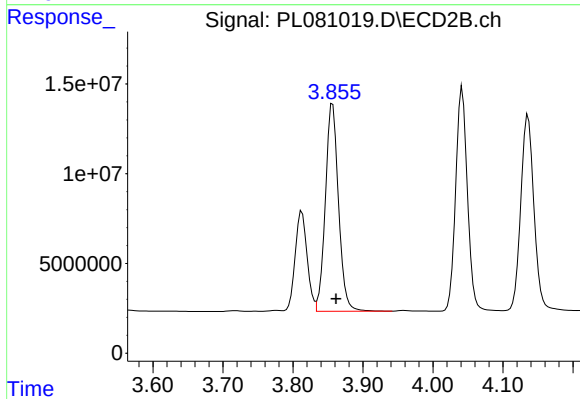
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 150568808
Conc: 50.40 ng/ml



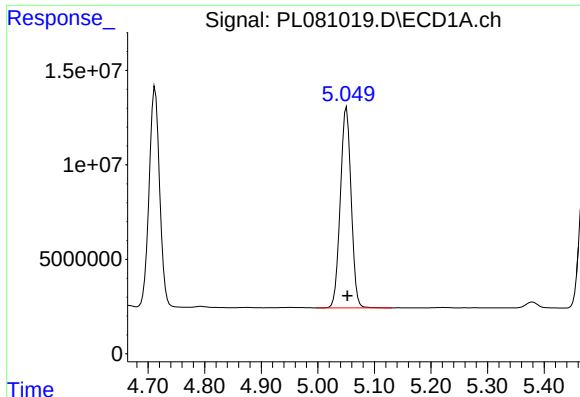
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 151063207
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 151071009
Conc: 47.47 ng/ml



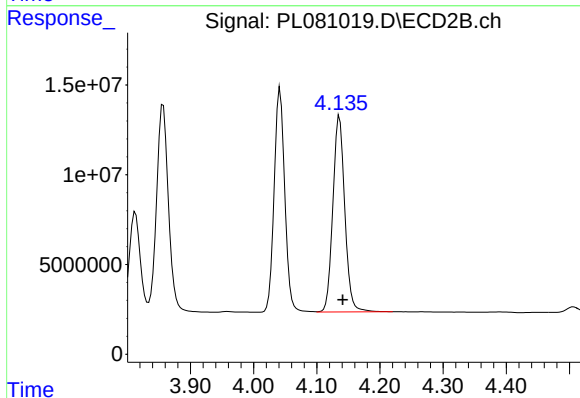
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 140913985
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

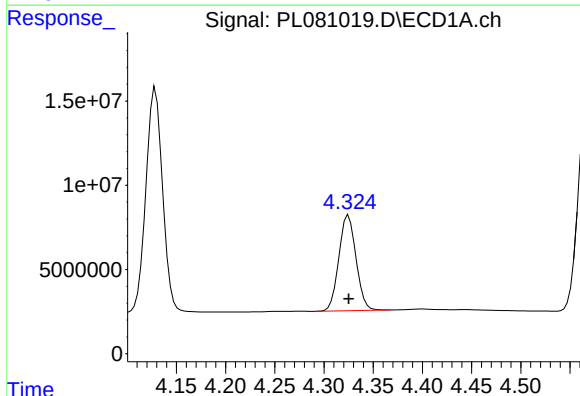
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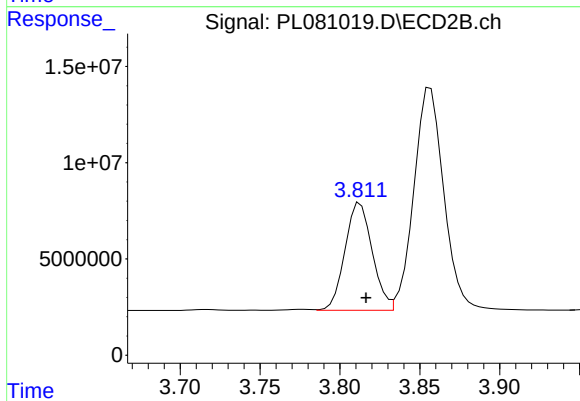
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 143581625
Conc: 48.68 ng/ml



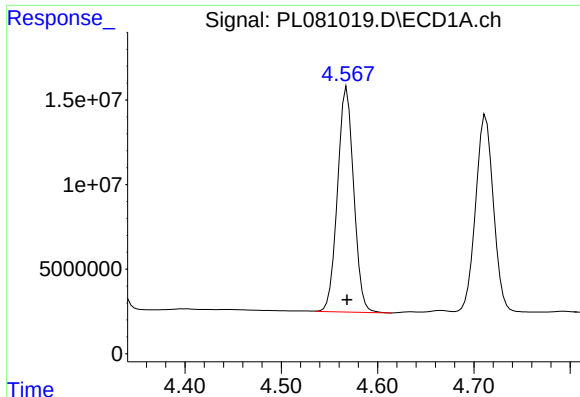
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 68869250
Conc: 50.45 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 66457597
Conc: 49.79 ng/ml



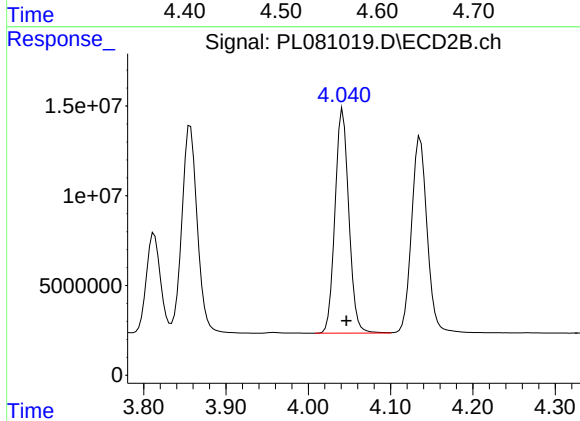
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 155236685
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

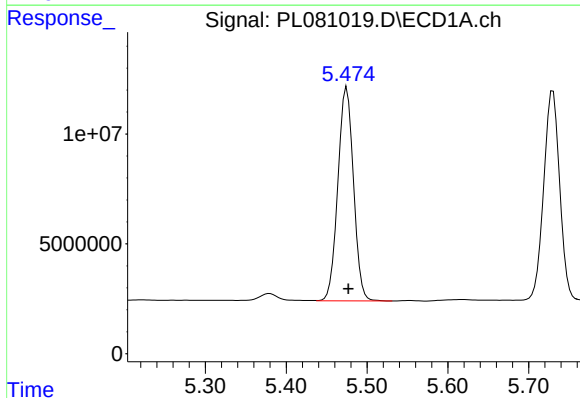
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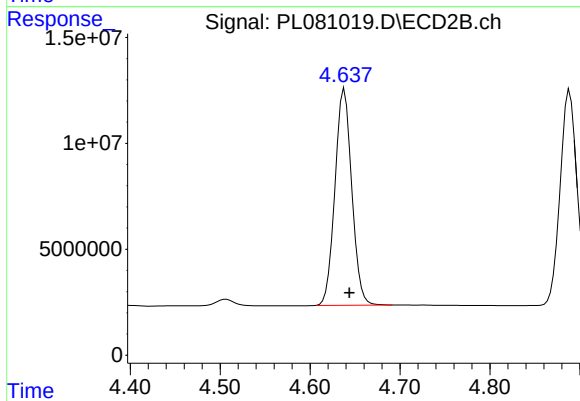
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 145651027
Conc: 50.50 ng/ml



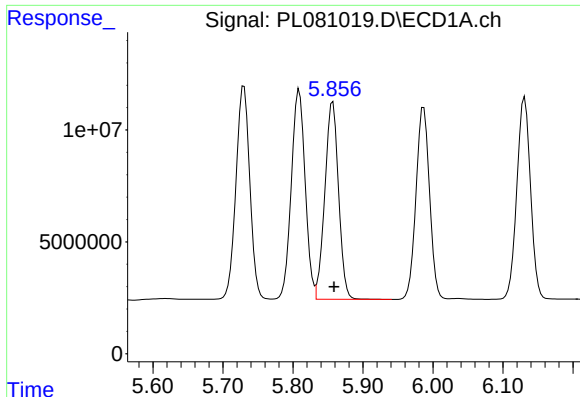
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 130647938
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 132725289
Conc: 47.70 ng/ml



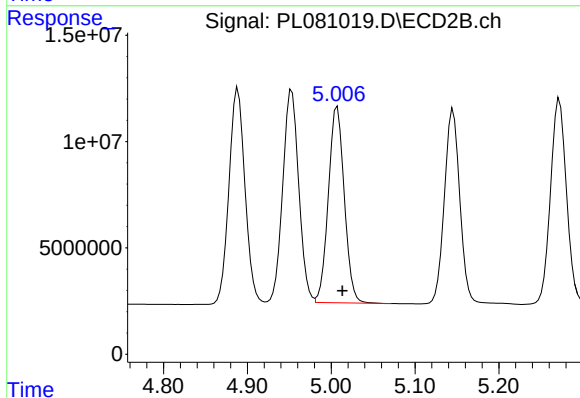
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 120364729
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

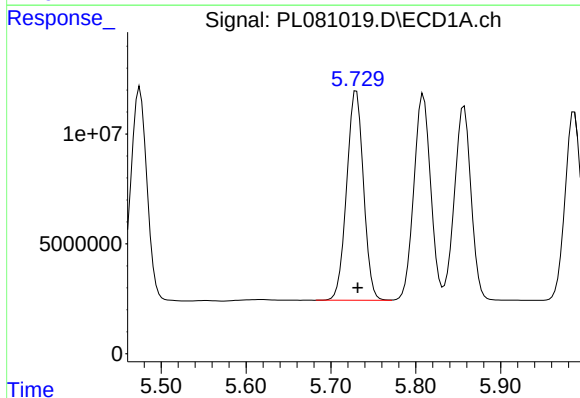
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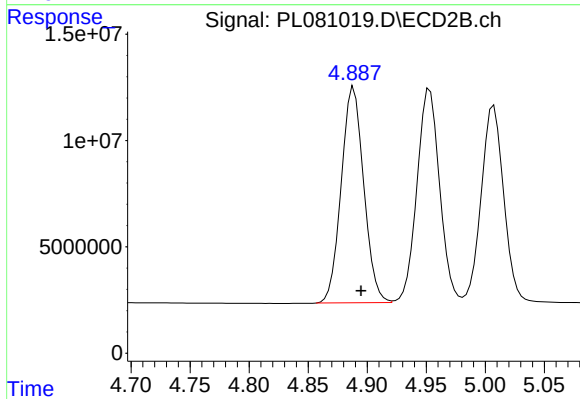
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 121505222
Conc: 46.71 ng/ml



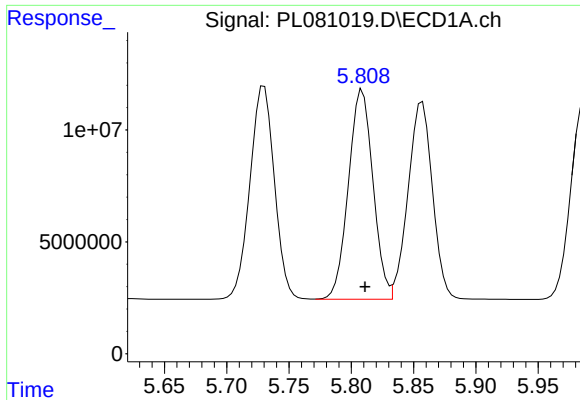
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 131043637
Conc: 51.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.007 min
Response: 134624783
Conc: 47.50 ng/ml m



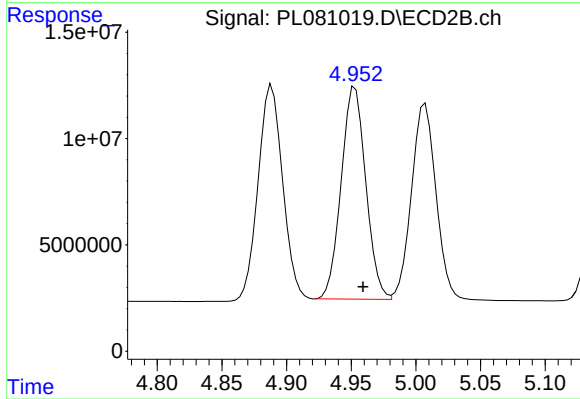
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 129258553
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

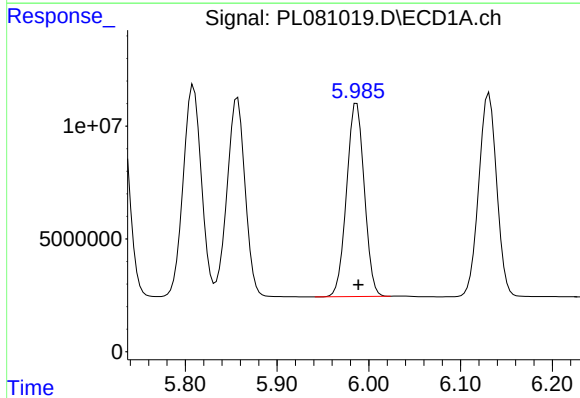
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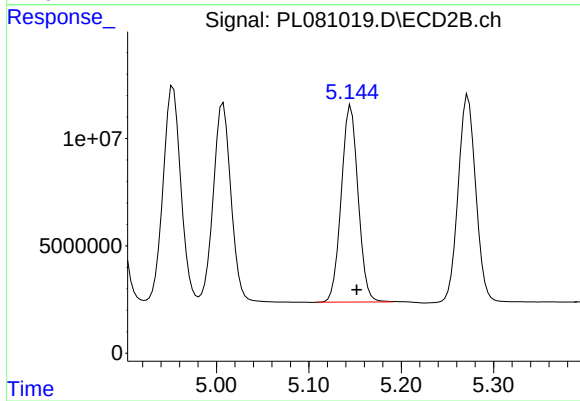
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 131949131
Conc: 46.06 ng/ml



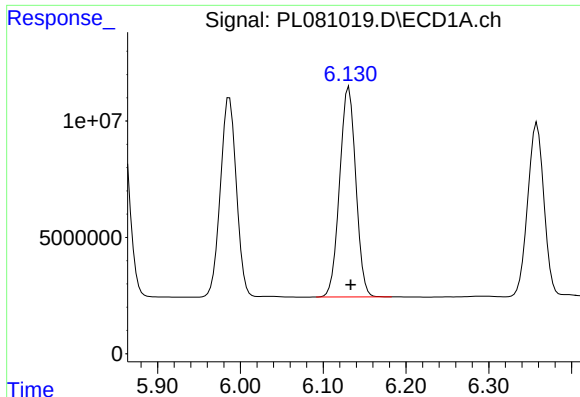
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 114829549
Conc: 51.55 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 116110268
Conc: 49.22 ng/ml m



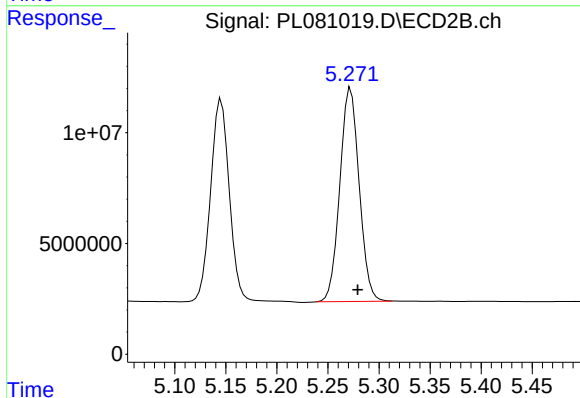
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 122605220
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

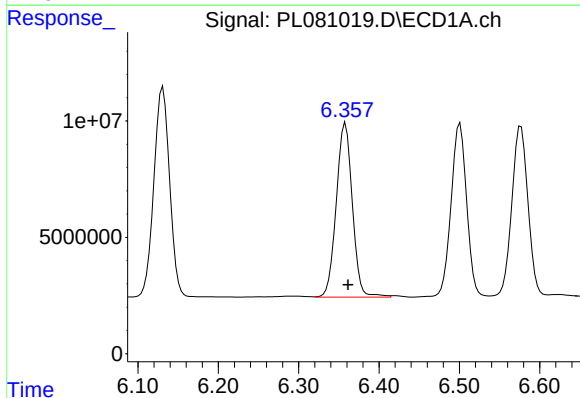
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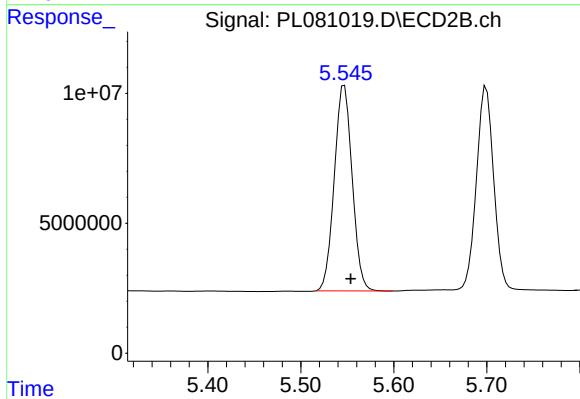
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 127094388
Conc: 46.99 ng/ml m



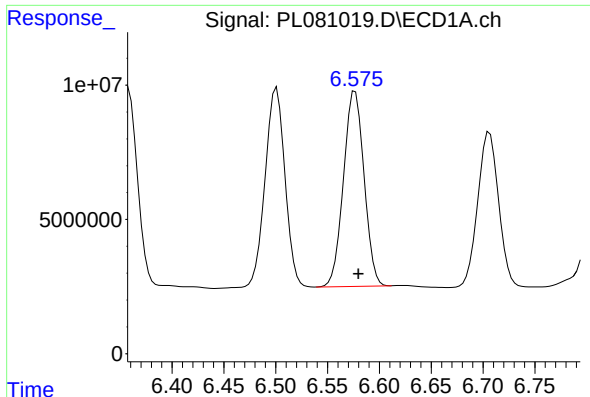
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 104018165
Conc: 48.10 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 105752952
Conc: 45.56 ng/ml



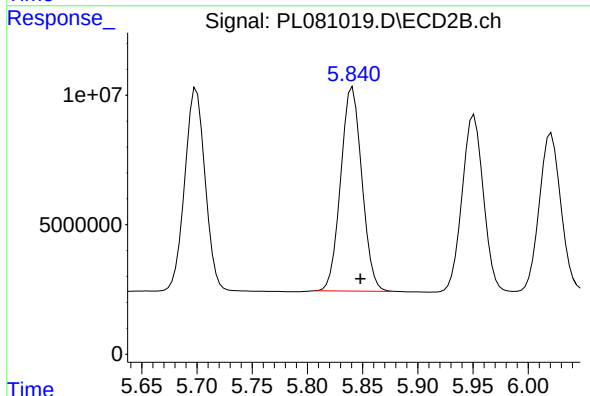
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 100527747
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

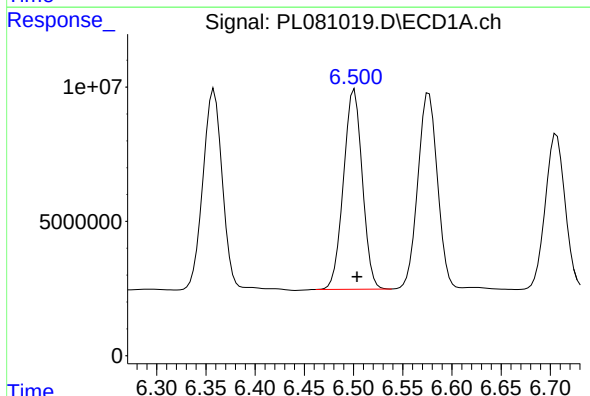
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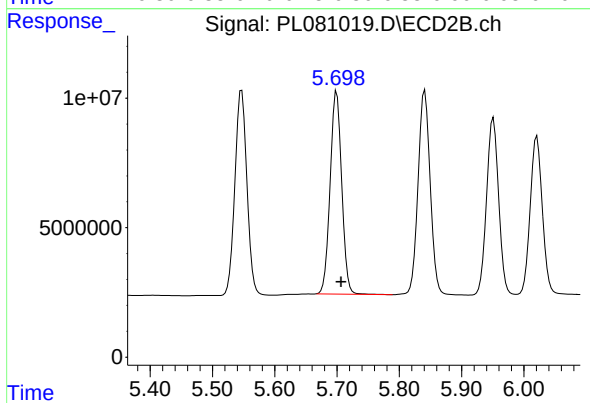
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 105338531
Conc: 50.55 ng/ml m



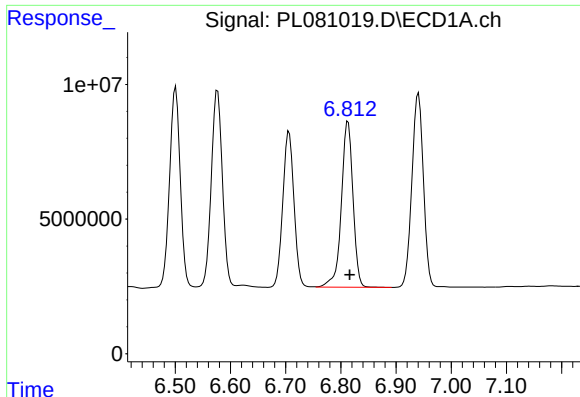
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 99109184
Conc: 54.10 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 100955106
Conc: 53.72 ng/ml



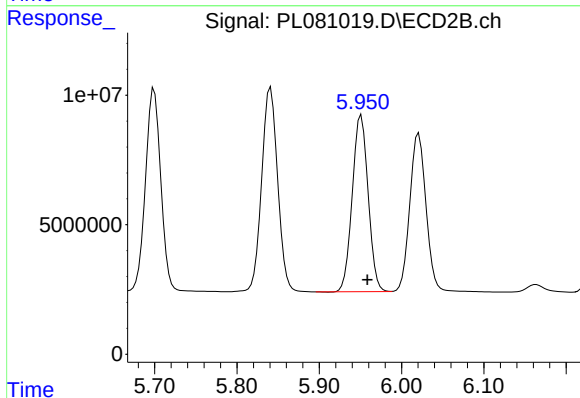
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 90323982
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#17 4,4'-DDT

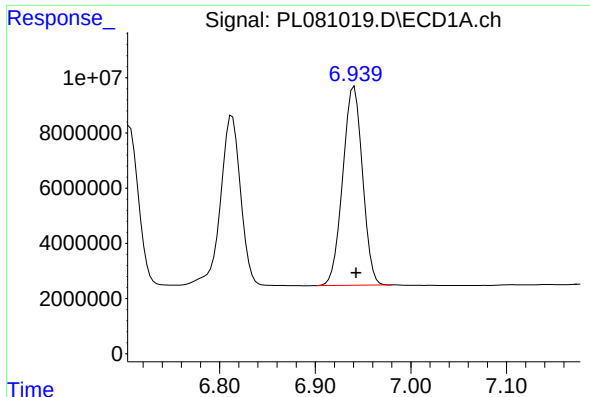
R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 91350860
Conc: 43.47 ng/ml

#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 81080212
Conc: 48.74 ng/ml

#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 83517477
Conc: 45.74 ng/ml



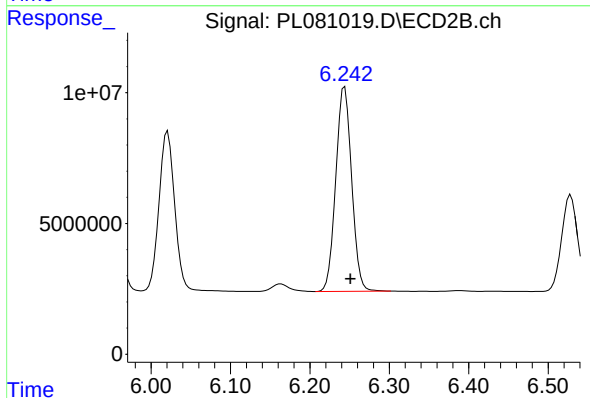
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 103739774
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

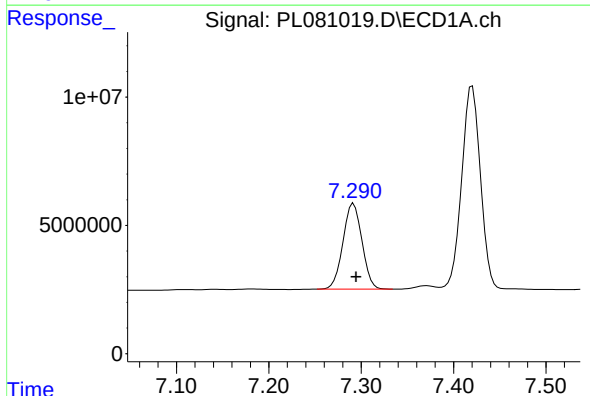
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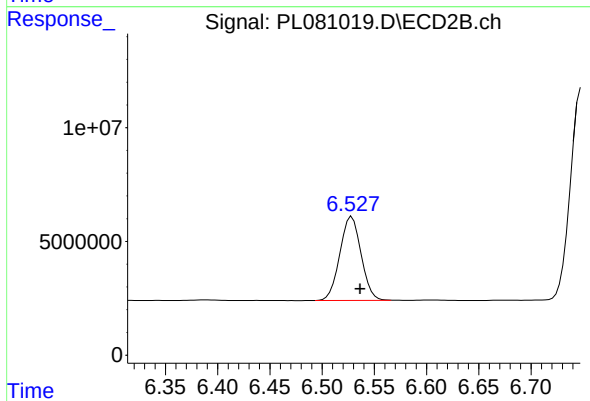
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 108609531
Conc: 46.70 ng/ml



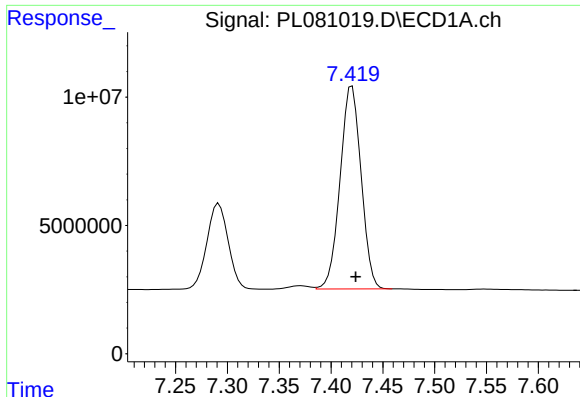
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 47694410
Conc: 43.23 ng/ml



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.009 min
Response: 52199225
Conc: 43.02 ng/ml m



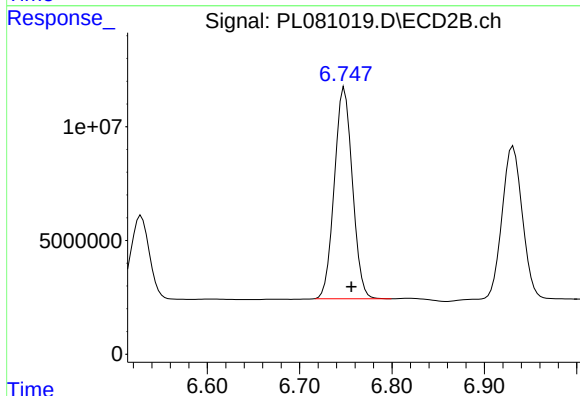
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 111432227
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

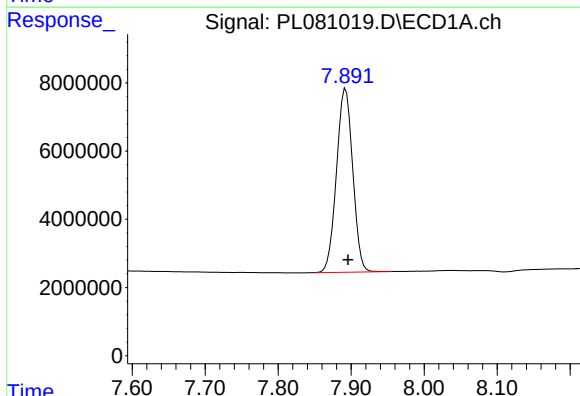
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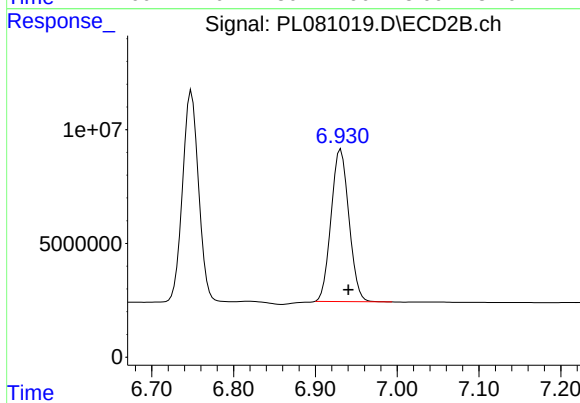
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 126057996
Conc: 49.37 ng/ml



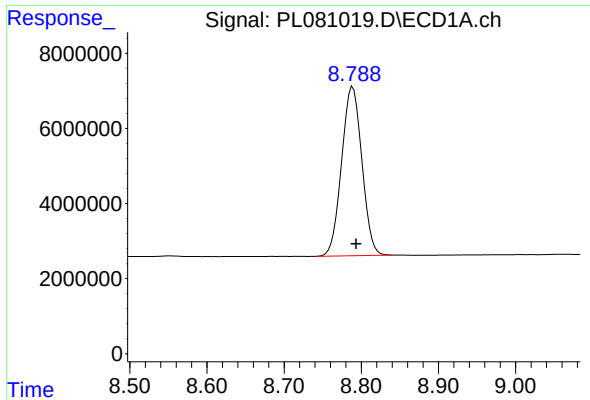
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 83223996
Conc: 48.39 ng/ml



#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.009 min
Response: 101524016
Conc: 44.59 ng/ml



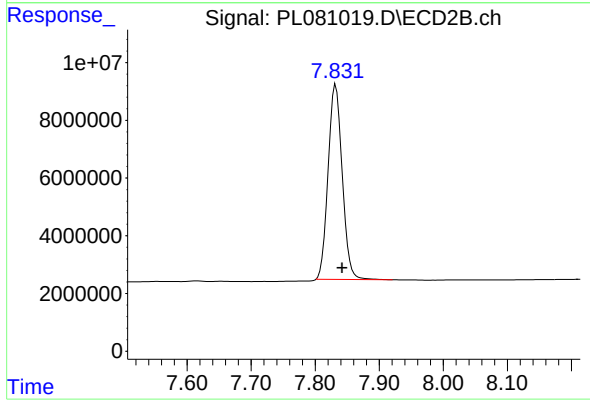
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 82099085
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 103494947
Conc: 43.44 ng/ml