

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012623\
 Data File : PL080547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2023 15:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/27/2023
 Supervised By :Ankita Jodhani 01/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:50:40 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	2.689	112.3E6	112.8E6	52.373	51.370
28)	SA Decachlor...	8.790	7.838	89700506	110.1E6	51.235	46.198
Target Compounds							
2)	A alpha-BHC	3.800	3.190	172.0E6	165.2E6	54.297	51.939
3)	MA gamma-BHC...	4.128	3.519	159.2E6	152.9E6	54.159	51.187
4)	MA Heptachlor	4.713	3.860	151.0E6	151.7E6	51.090	47.675
5)	MB Aldrin	5.051	4.139	141.3E6	144.7E6	51.643	49.068
6)	B beta-BHC	4.325	3.815	70369131	67472349	51.552	50.555
7)	B delta-BHC	4.568	4.045	157.2E6	148.3E6	54.296	51.417
8)	B Heptachlo...	5.476	4.642	131.0E6	134.6E6	50.620	48.372
9)	A Endosulfan I	5.857	5.011	120.5E6	124.0E6	51.014	47.657
10)	B gamma-Chl...	5.731	4.893	130.6E6	134.0E6	51.706	47.282
11)	B alpha-Chl...	5.810	4.957	128.6E6	134.3E6	50.963	46.898
12)	B 4,4'-DDE	5.988	5.149	114.9E6	116.0E6	51.593	49.182
13)	MA Dieldrin	6.132	5.277	122.2E6	129.1E6	51.068	47.736
14)	MA Endrin	6.359	5.551	103.9E6	105.9E6	48.048	45.632
15)	B Endosulfa...	6.578	5.845	100.1E6	107.1E6	43.660	51.411
16)	A 4,4'-DDD	6.502	5.703	97589000	99922885	53.269	53.173
17)	MA 4,4'-DDT	6.815	5.954	90462801	94500911	43.541	44.969m
18)	B Endrin al...	6.707	6.025	81986967	85888107	49.289m	47.033
19)	B Endosulfa...	6.942	6.248	104.0E6	111.1E6	50.258	47.782
20)	A Methoxychlor	7.293	6.534	48935167	52100915	44.354	42.936
21)	B Endrin ke...	7.422	6.753	115.1E6	128.2E6	52.157	50.205
22)	Mirex	7.894	6.938	85150196	104.0E6	49.512	45.672

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012623\
Data File : PL080547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jan 2023 15:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

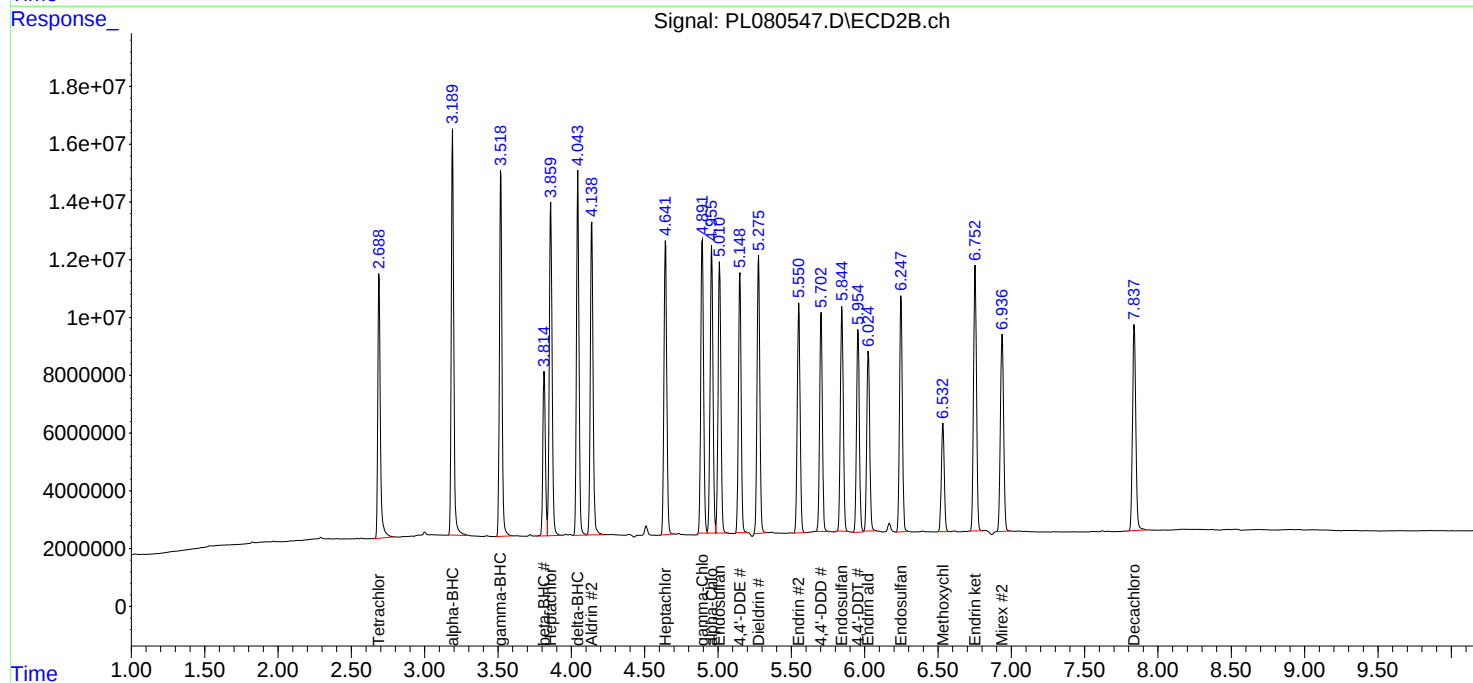
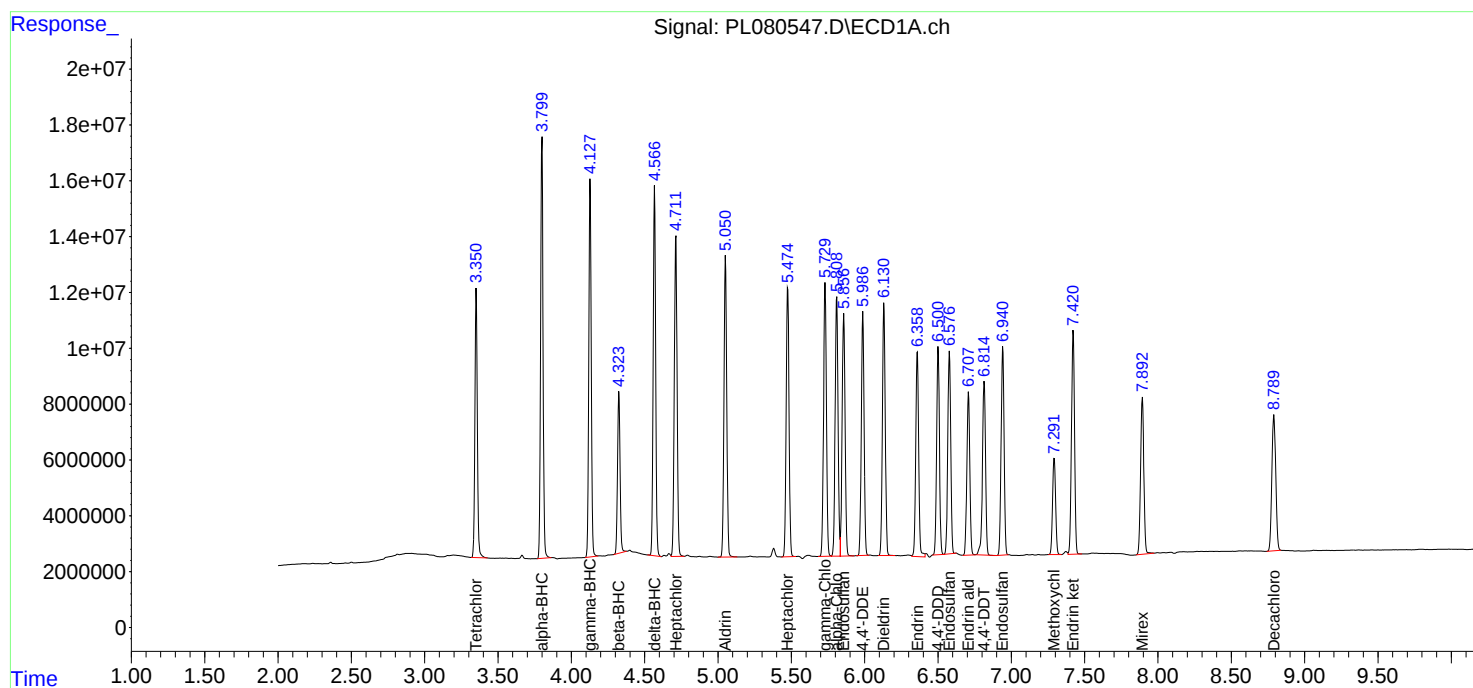
APPROVED

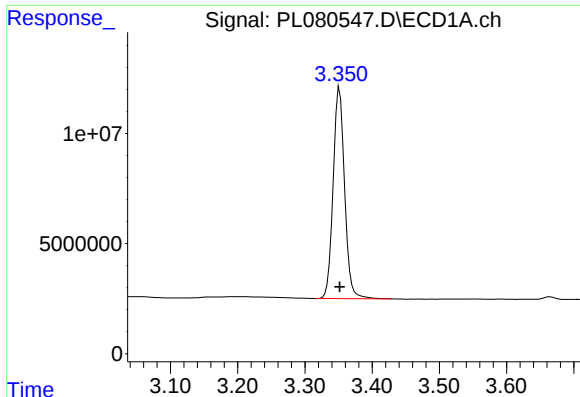
Reviewed By :Abdul Mirza 01/27/2023

Supervised By :Ankita Jodhani 01/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 26 20:50:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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: 112332158
Conc: 52.37 ng/ml

Instrument :

ECD_L

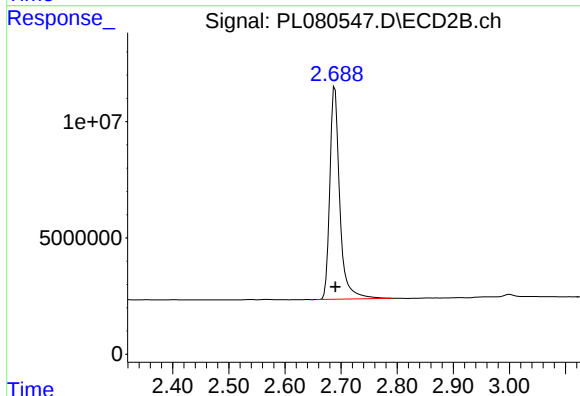
ClientSampleId :

PSTDCCC050

Manual Integrations

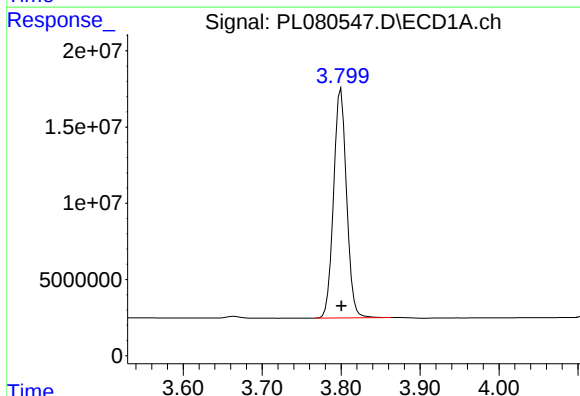
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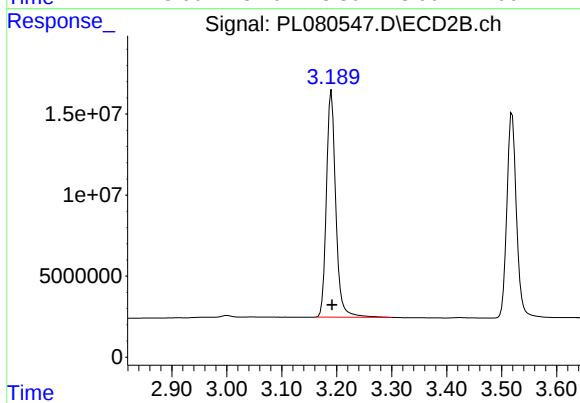
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 112831454
Conc: 51.37 ng/ml



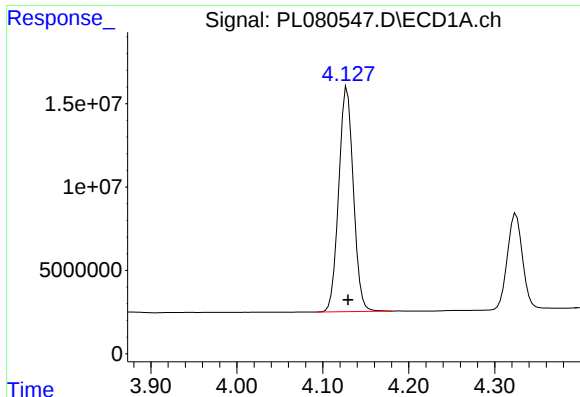
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 172015457
Conc: 54.30 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.001 min
Response: 165188367
Conc: 51.94 ng/ml



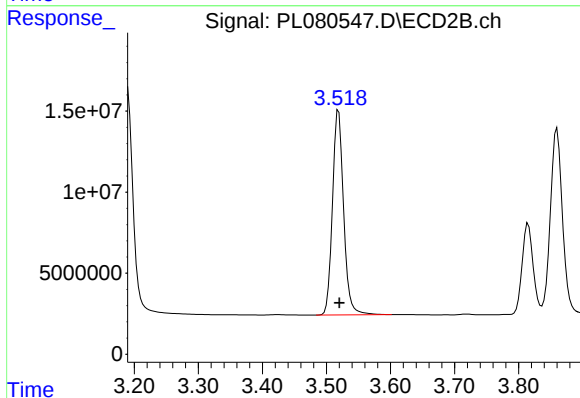
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 159214201
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

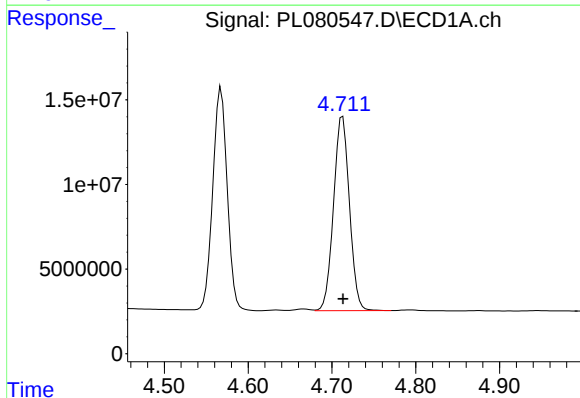
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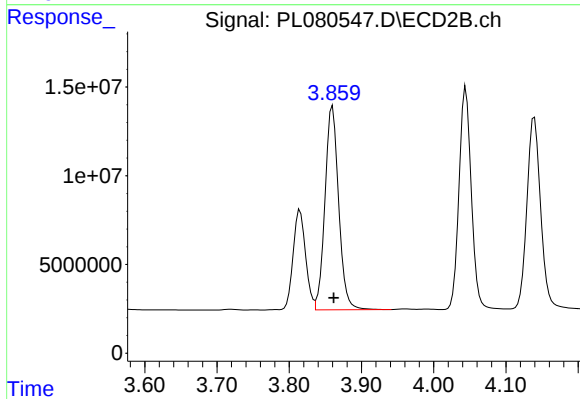
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.001 min
Response: 152912069
Conc: 51.19 ng/ml



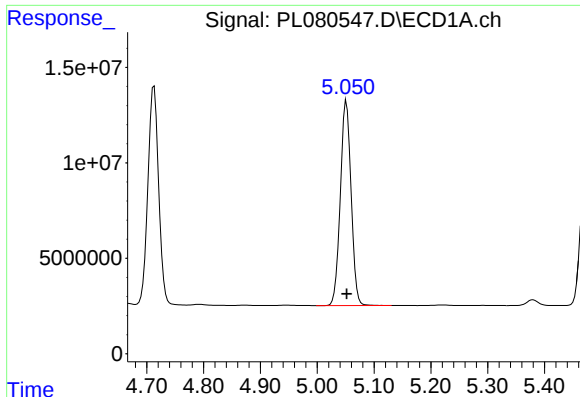
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 150982237
Conc: 51.09 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.002 min
Response: 151719827
Conc: 47.68 ng/ml



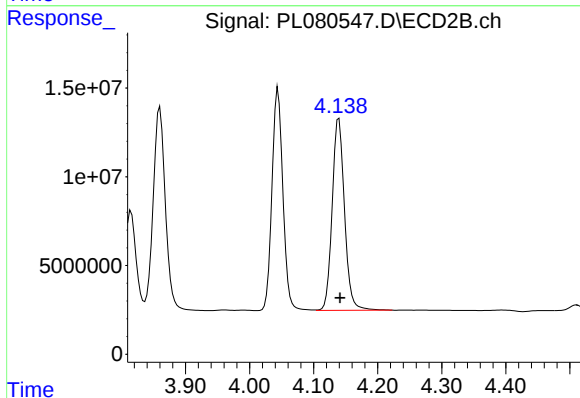
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 141282752
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#5 Aldrin

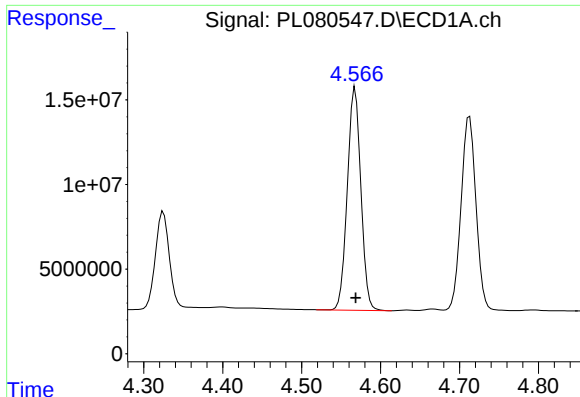
R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 144730925
Conc: 49.07 ng/ml

#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 70369131
Conc: 51.55 ng/ml

#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 67472349
Conc: 50.56 ng/ml



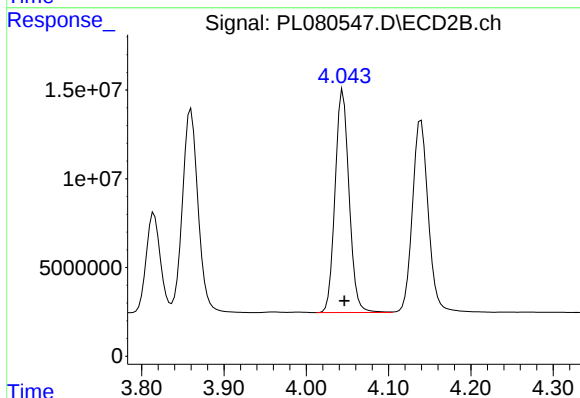
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 157185846
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

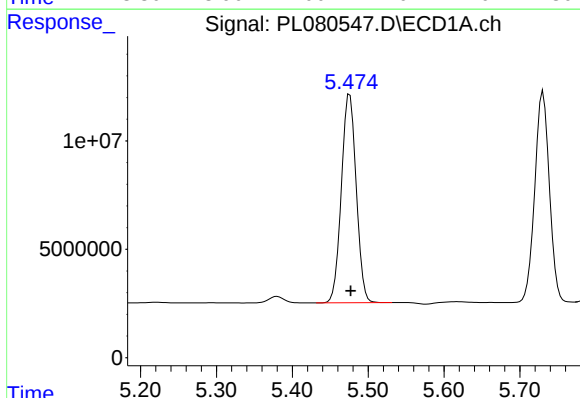
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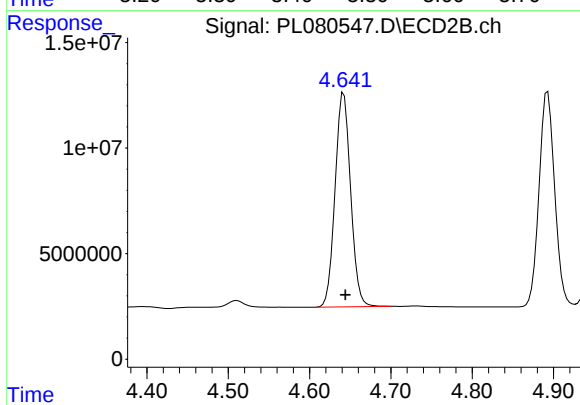
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 148308002
Conc: 51.42 ng/ml



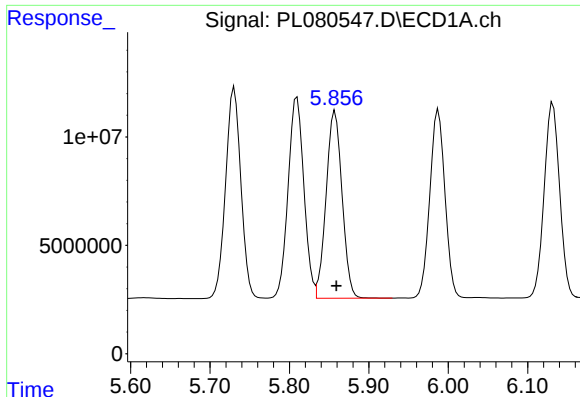
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.001 min
Response: 130955959
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 134586072
Conc: 48.37 ng/ml



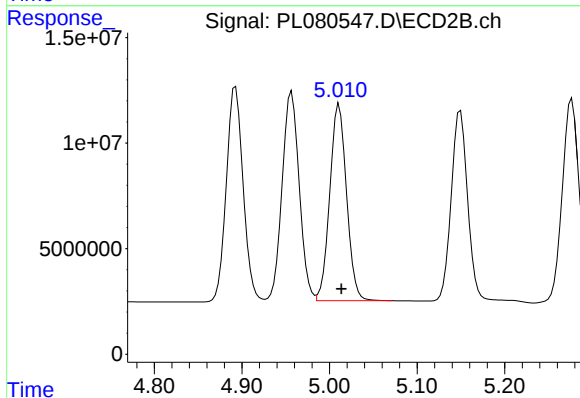
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 120468612
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

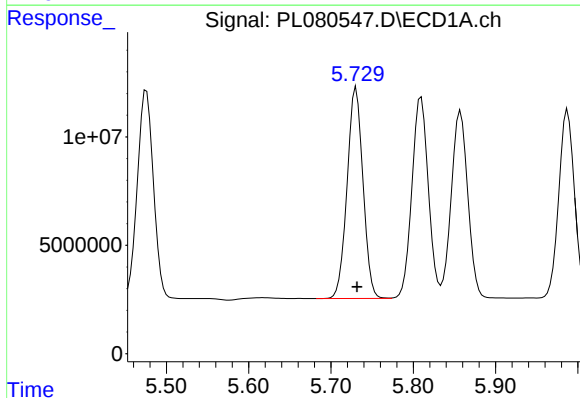
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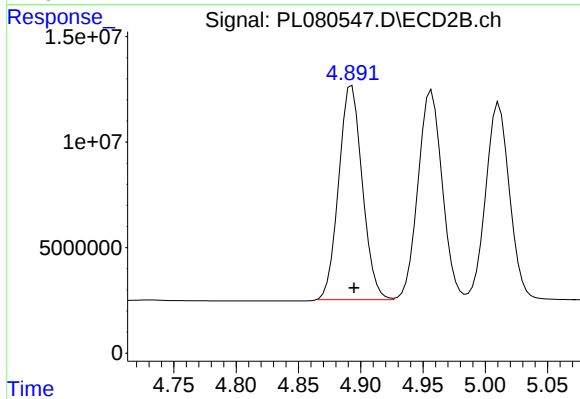
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 123972984
Conc: 47.66 ng/ml



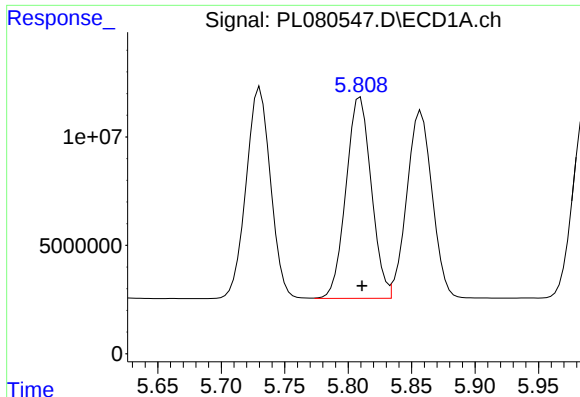
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 130595518
Conc: 51.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 134006984
Conc: 47.28 ng/ml



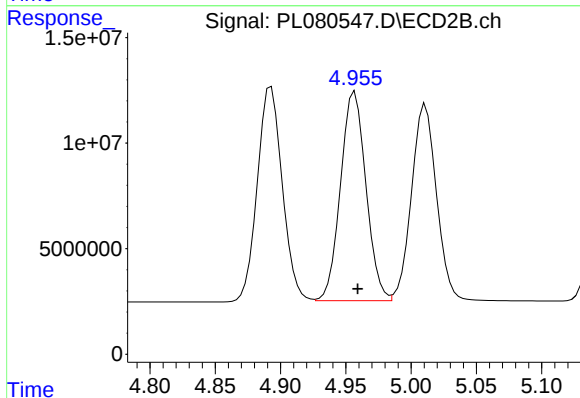
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 128645258
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

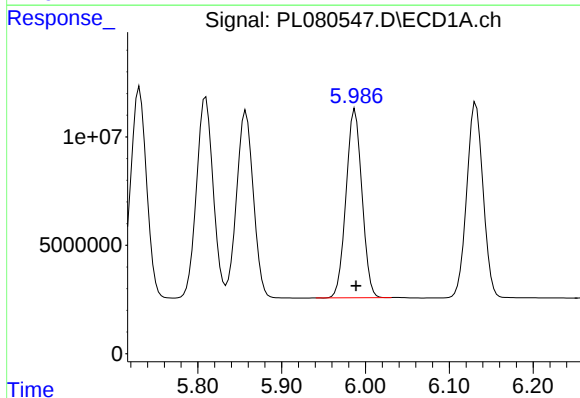
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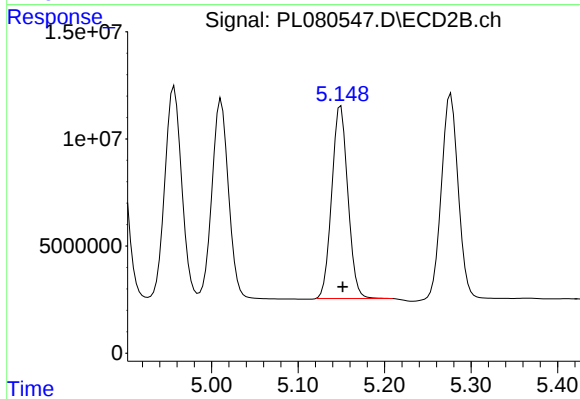
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 134347352
Conc: 46.90 ng/ml



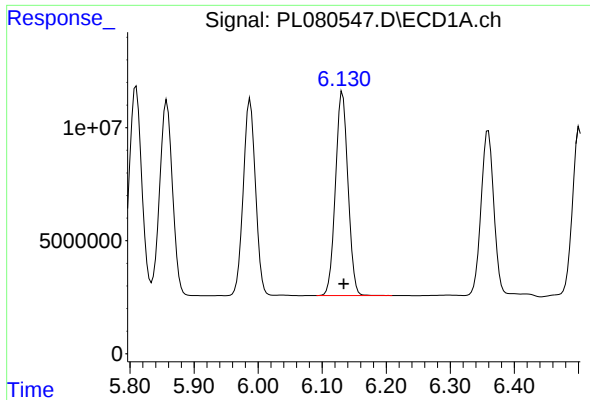
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 114916223
Conc: 51.59 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: -0.002 min
Response: 116012843
Conc: 49.18 ng/ml



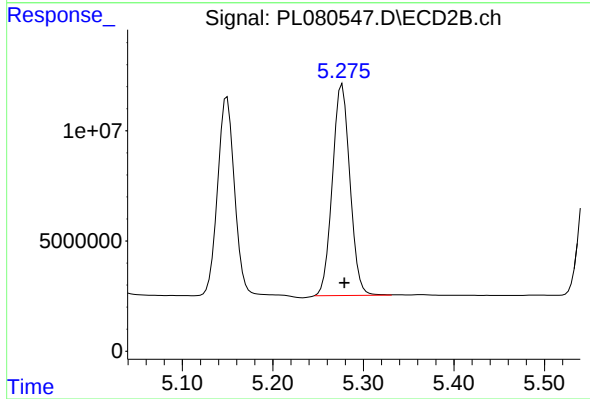
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 122223086
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

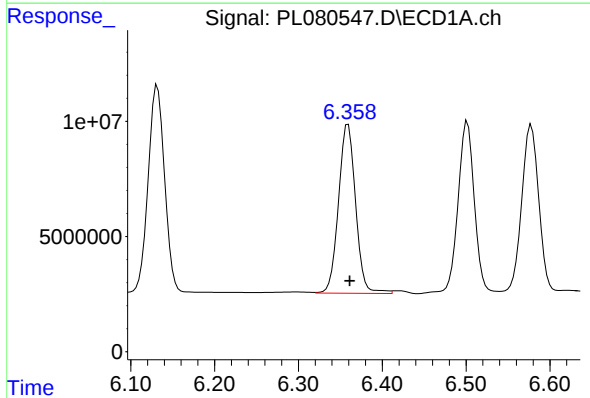
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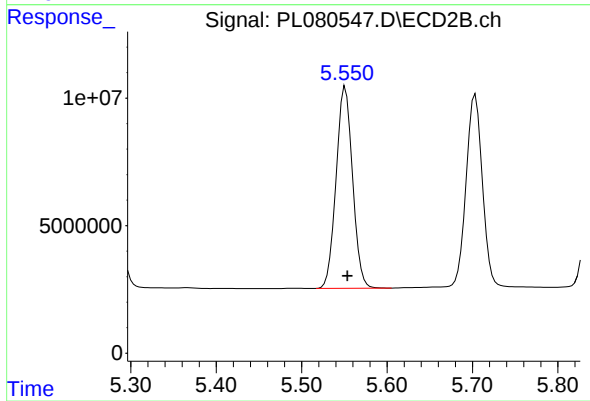
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 129123498
Conc: 47.74 ng/ml



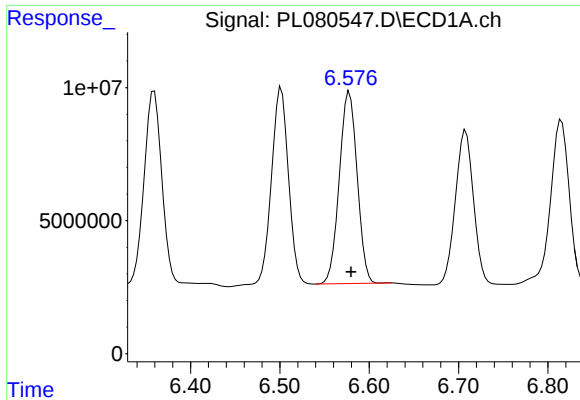
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 103913001
Conc: 48.05 ng/ml



#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.002 min
Response: 105919481
Conc: 45.63 ng/ml



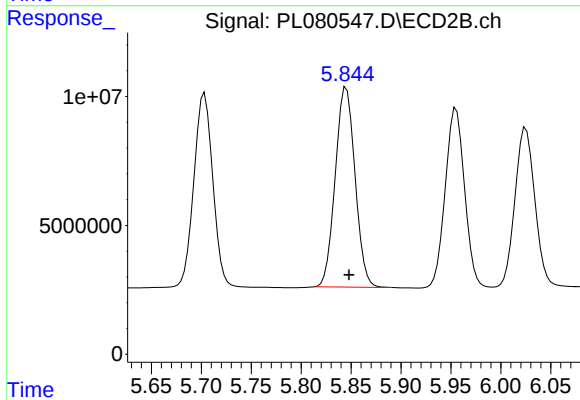
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 100082176
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

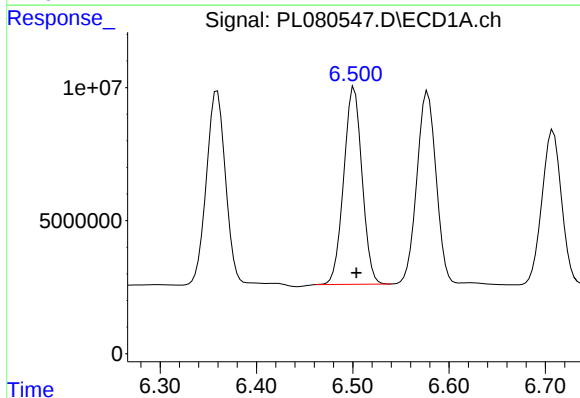
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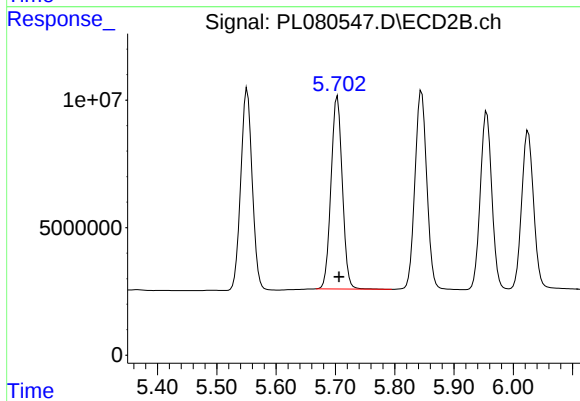
#15 Endosulfan II

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 107126555
Conc: 51.41 ng/ml



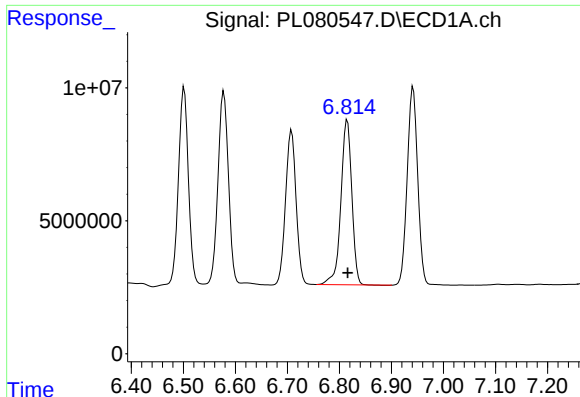
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 97589000
Conc: 53.27 ng/ml



#16 4,4'-DDD

R.T.: 5.703 min
Delta R.T.: -0.003 min
Response: 99922885
Conc: 53.17 ng/ml



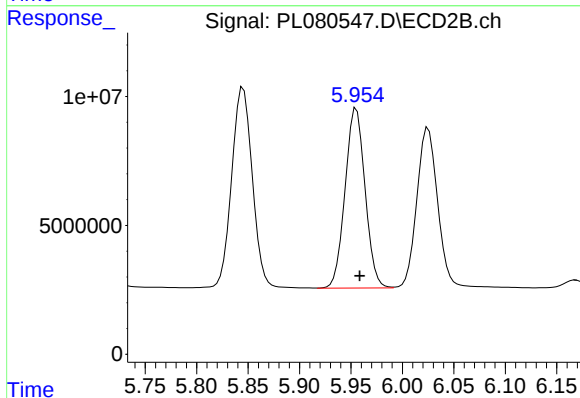
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 90462801
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

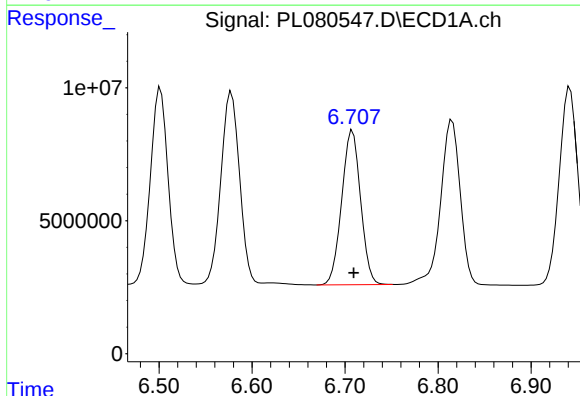
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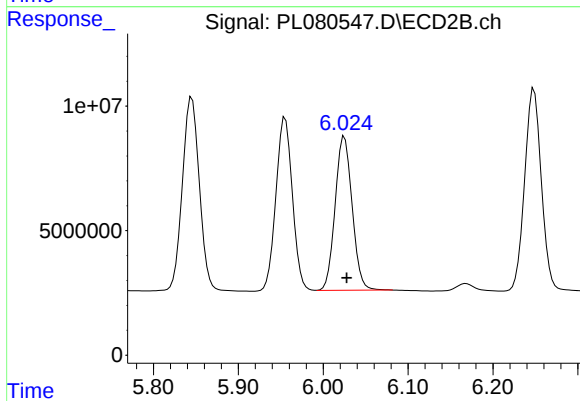
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 94500911
Conc: 44.97 ng/ml m



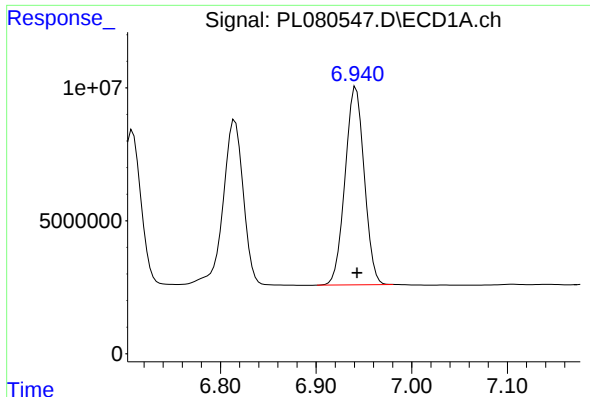
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 81986967
Conc: 49.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 85888107
Conc: 47.03 ng/ml



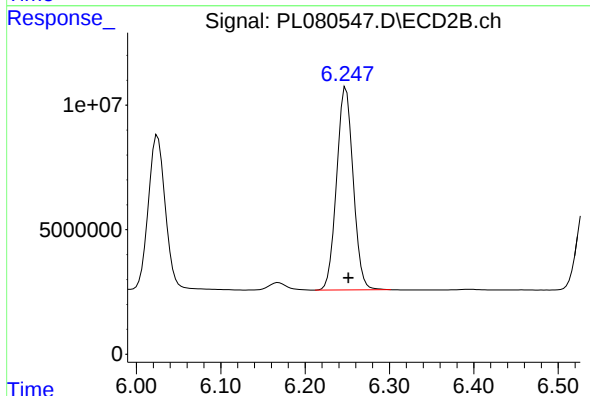
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 104029627
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

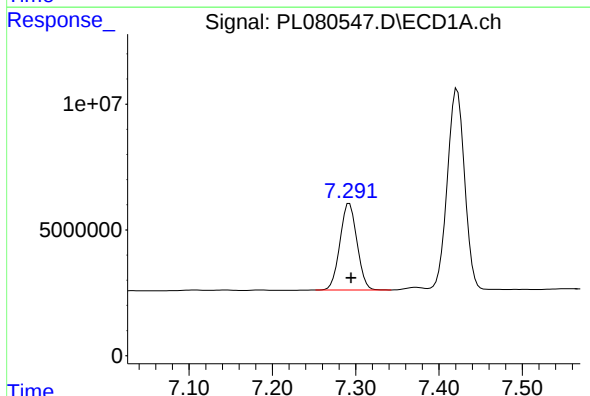
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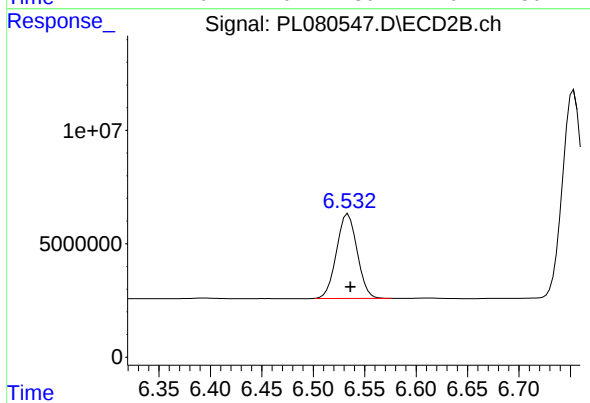
#19 Endosulfan Sulfate

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 111125713
Conc: 47.78 ng/ml



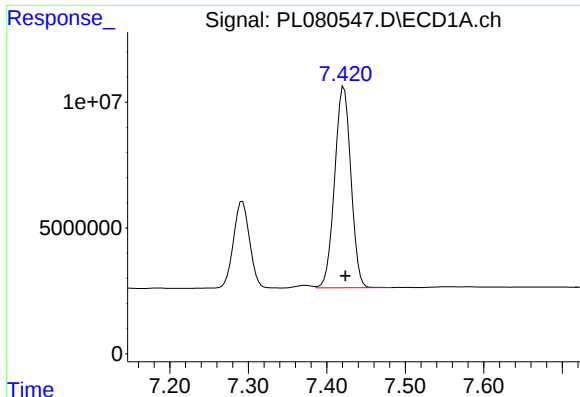
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 48935167
Conc: 44.35 ng/ml



#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 52100915
Conc: 42.94 ng/ml



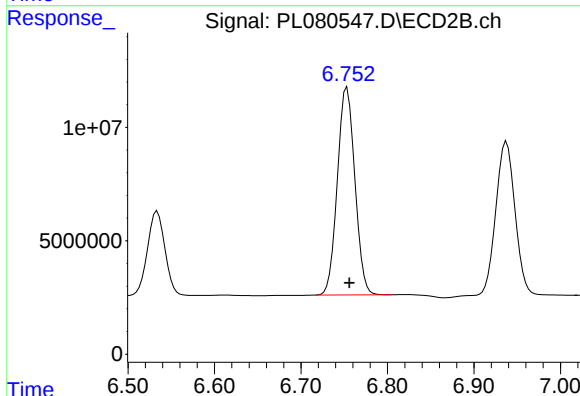
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 115076533
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

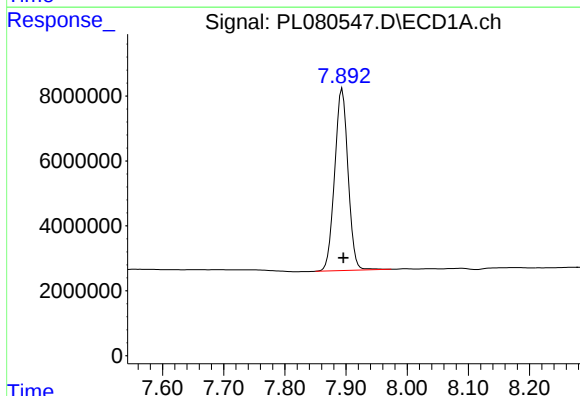
Manual Integrations
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Reviewed By :Abdul Mirza 01/27/2023
Supervised By :Ankita Jodhani 01/27/2023



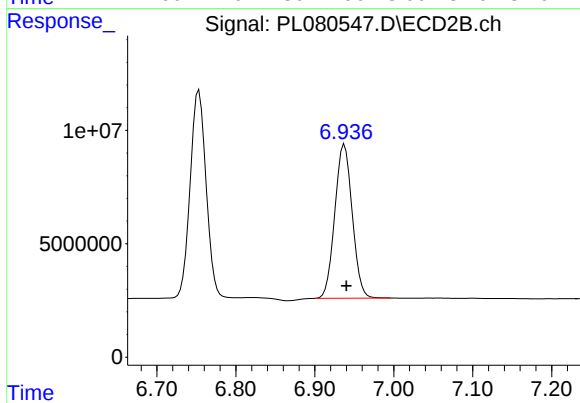
#21 Endrin ketone

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 128185185
Conc: 50.21 ng/ml



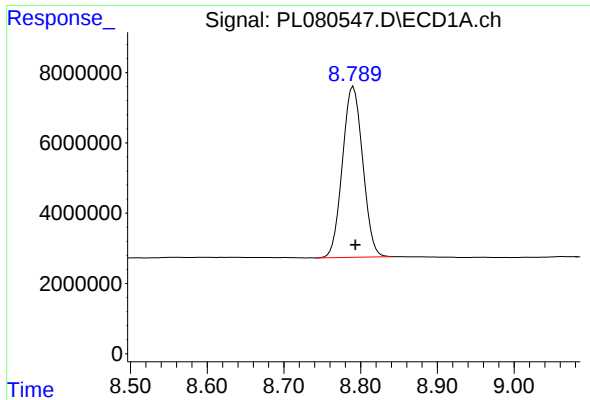
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 85150196
Conc: 49.51 ng/ml



#22 Mirex

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 103982629
Conc: 45.67 ng/ml



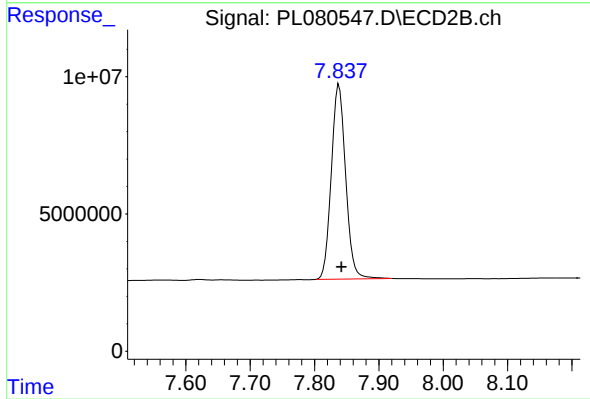
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 89700506
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/27/2023
Supervised By :Ankita Jodhani 01/27/2023



#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: -0.004 min
Response: 110069344
Conc: 46.20 ng/ml