

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 20:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 21:57:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.325	2.651	107.7E6	97823638	46.317	49.006
28) SA Decachlor...	8.746	7.765	77572304	88204650	43.345	44.475m
Target Compounds						
2) A alpha-BHC	3.774	3.149	165.1E6	142.1E6	48.168	48.759
3) MA gamma-BHC...	4.101	3.476	152.9E6	133.8E6	48.138m	48.045
4) MA Heptachlor	4.680	3.809	148.4E6	138.9E6	47.071m	48.447
5) MB Aldrin	5.018	4.086	134.4E6	126.3E6	47.003	47.412
6) B beta-BHC	4.306	3.776	69689976	58775718	46.303	49.351
7) B delta-BHC	4.547	4.003	148.0E6	130.3E6	48.705	50.373
8) B Heptachlo...	5.444	4.588	126.4E6	118.3E6	46.465	48.691
9) A Endosulfan I	5.825	4.955	112.0E6	106.8E6	45.320	48.367
10) B gamma-Chl...	5.699	4.836	122.1E6	116.3E6	46.502	47.868
11) B alpha-Chl...	5.777	4.900	119.8E6	115.3E6	46.267	47.488
12) B 4,4'-DDE	5.956	5.090	104.2E6	99210901	46.232	50.366
13) MA Dieldrin	6.100	5.220	109.6E6	106.4E6	45.259	47.298
14) MA Endrin	6.327	5.494	94319807	96148874	44.591	47.511
15) B Endosulfa...	6.549	5.789	93177697	90427473	43.908	49.849m
16) A 4,4'-DDD	6.471	5.645	84070262	79279822	46.615	52.243
17) MA 4,4'-DDT	6.782	5.894	92042733	86697359	45.349	50.310
18) B Endrin al...	6.679	5.971	75050612	73824923	45.871	47.537
19) B Endosulfa...	6.913	6.192	96119540	93118060	46.122	47.859m
20) A Methoxychlor	7.263	6.473	49722106	49971466	46.172	50.170m
21) B Endrin ke...	7.393	6.698	96913529	99936195	46.267	46.765
22) Mirex	7.856	6.869	77307236	86643897	45.122m	45.133m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
Data File : PL082148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2023 20:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

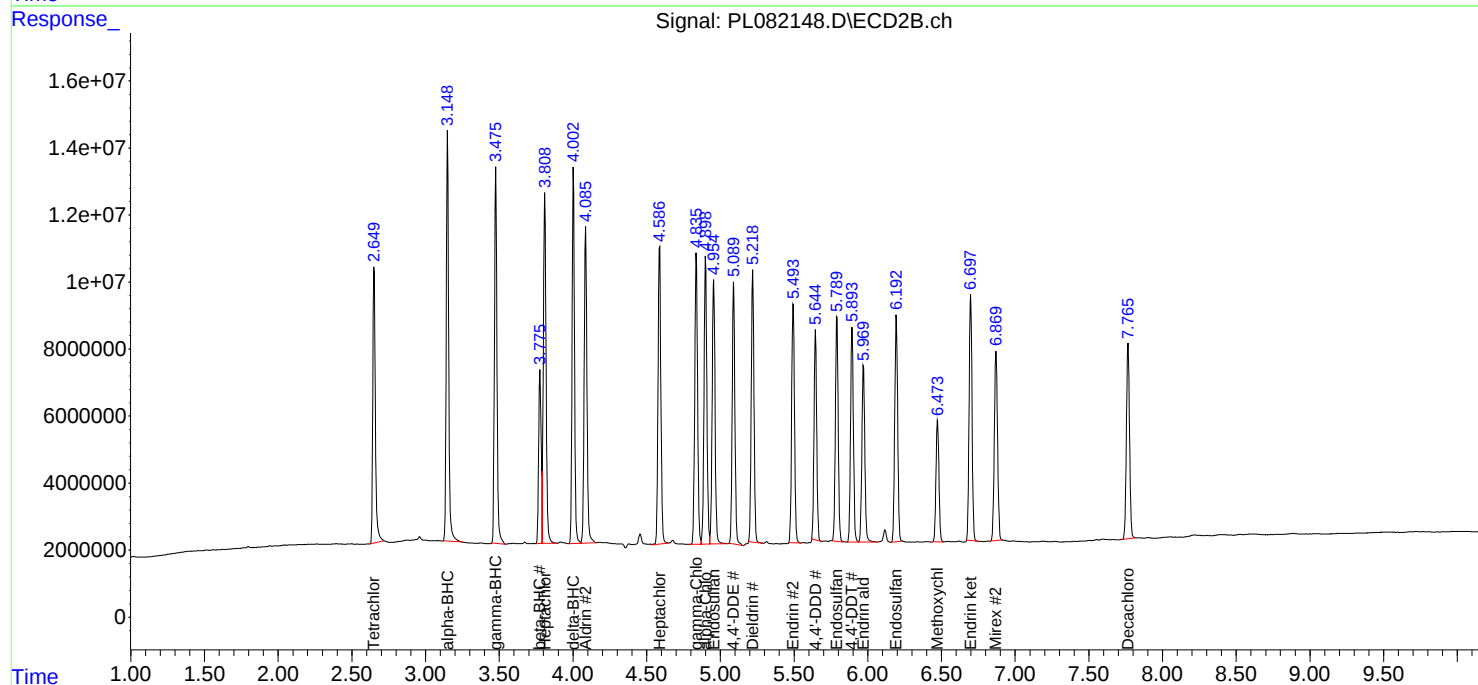
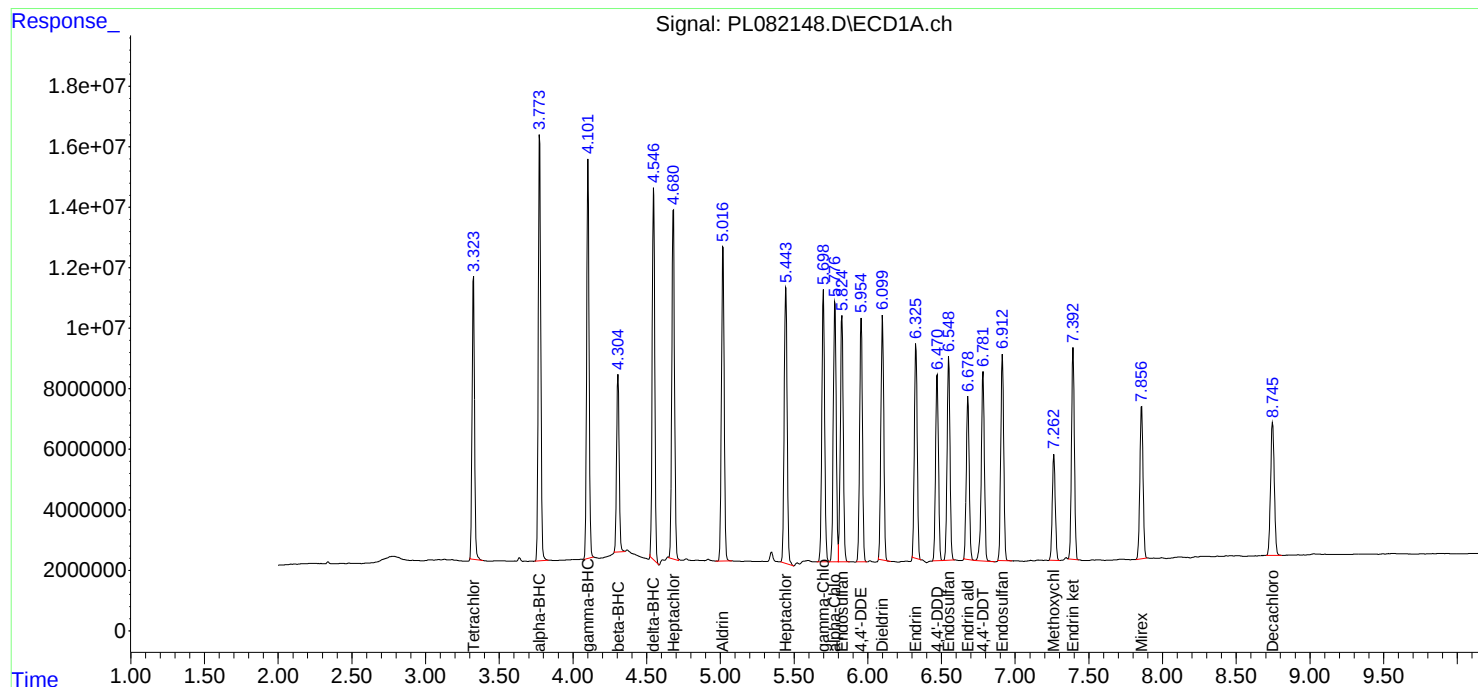
APPROVED

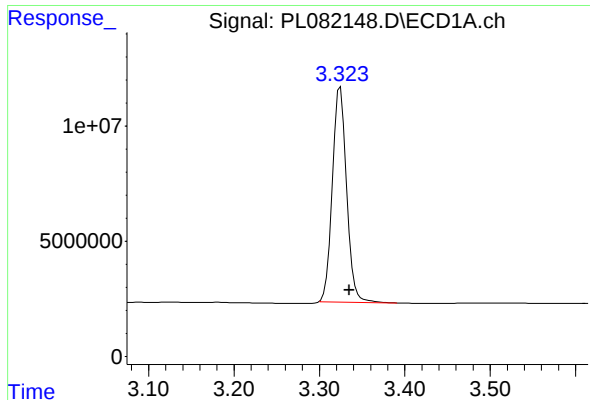
Reviewed By :Abdul Mirza 04/18/2023

Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 21:57:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





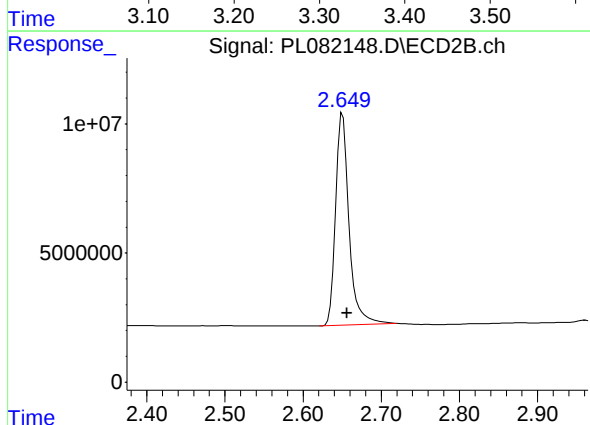
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 107728220
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

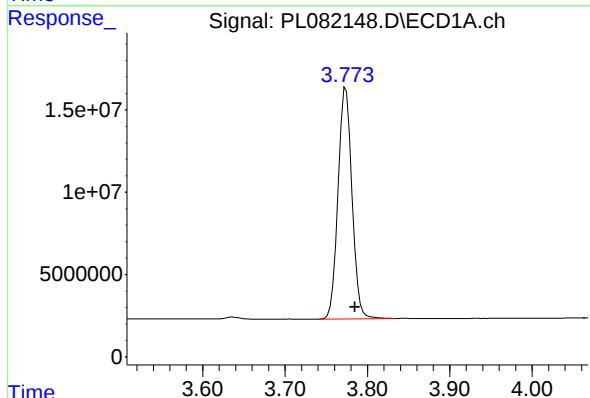
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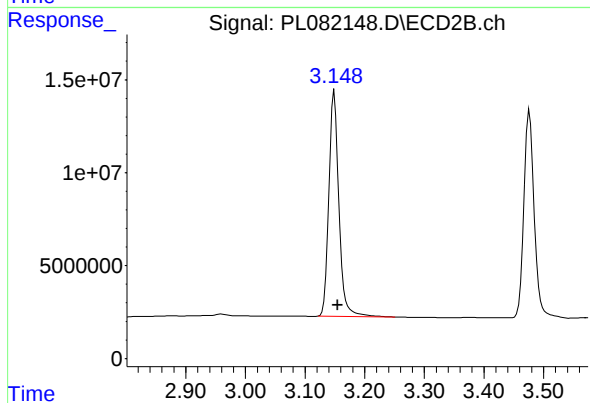
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: -0.005 min
Response: 97823638
Conc: 49.01 ng/ml



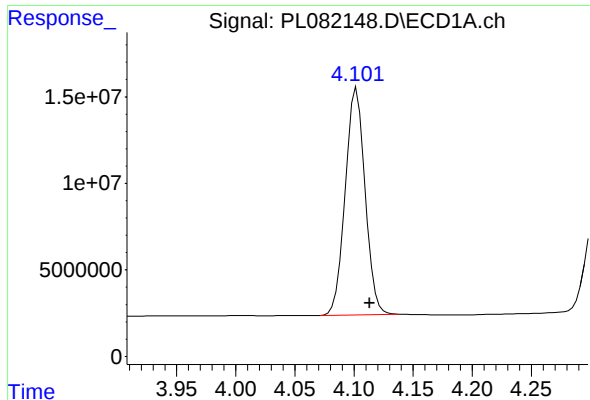
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: -0.011 min
Response: 165139481
Conc: 48.17 ng/ml



#2 alpha-BHC

R.T.: 3.149 min
Delta R.T.: -0.006 min
Response: 142130894
Conc: 48.76 ng/ml



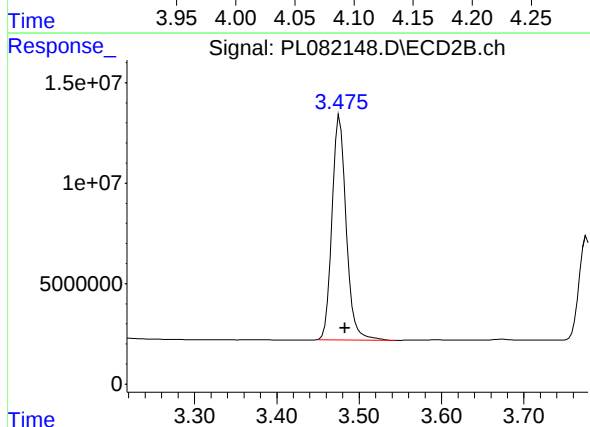
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: -0.012 min
Response: 152925867
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

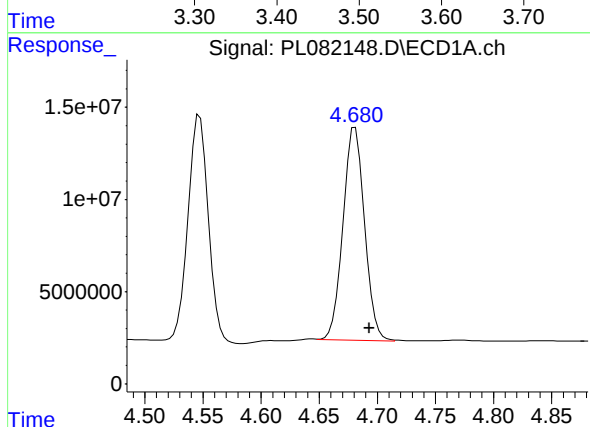
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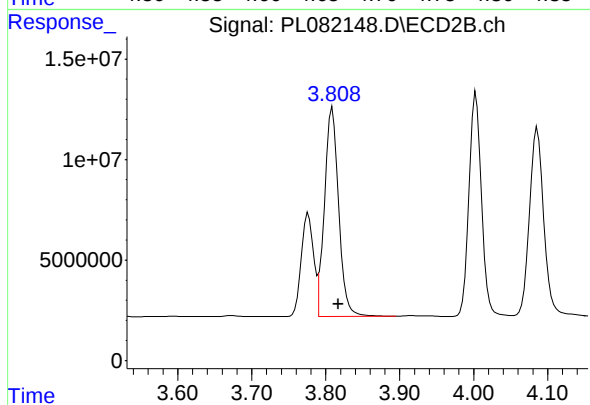
#3 gamma-BHC (Lindane)

R.T.: 3.476 min
Delta R.T.: -0.007 min
Response: 133768407
Conc: 48.05 ng/ml



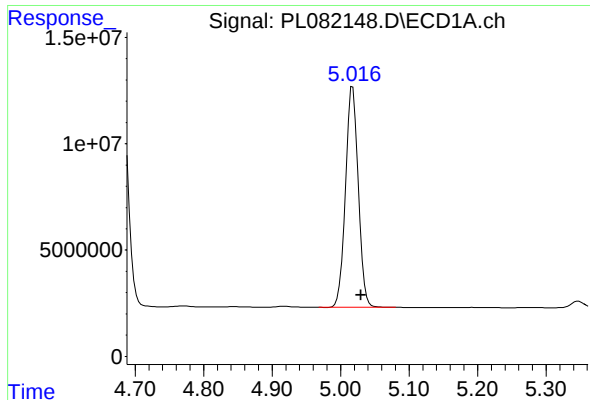
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.014 min
Response: 148376251
Conc: 47.07 ng/ml m



#4 Heptachlor

R.T.: 3.809 min
Delta R.T.: -0.008 min
Response: 138895542
Conc: 48.45 ng/ml



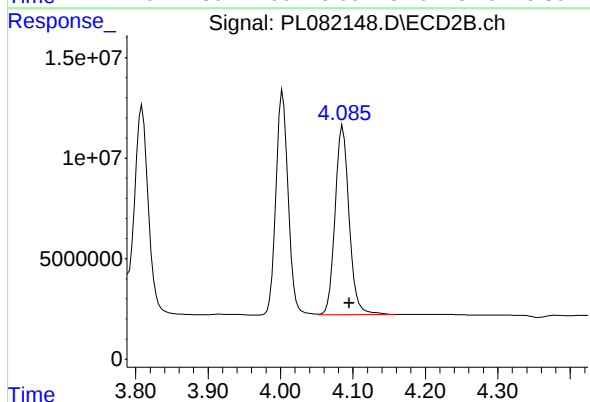
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.012 min
Response: 134441962
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

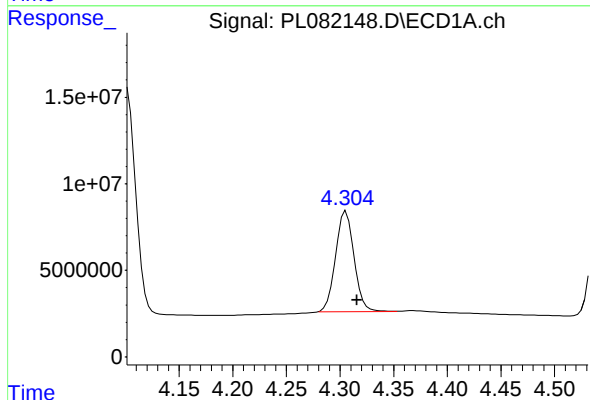
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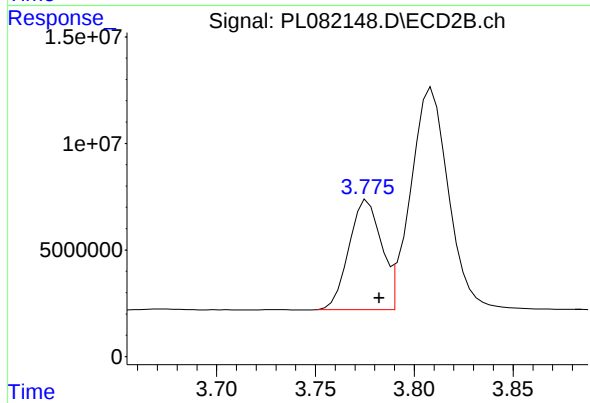
#5 Aldrin

R.T.: 4.086 min
Delta R.T.: -0.009 min
Response: 126328163
Conc: 47.41 ng/ml



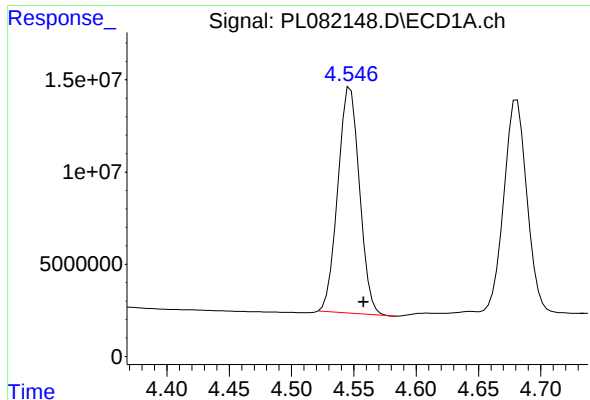
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 69689976
Conc: 46.30 ng/ml



#6 beta-BHC

R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 58775718
Conc: 49.35 ng/ml



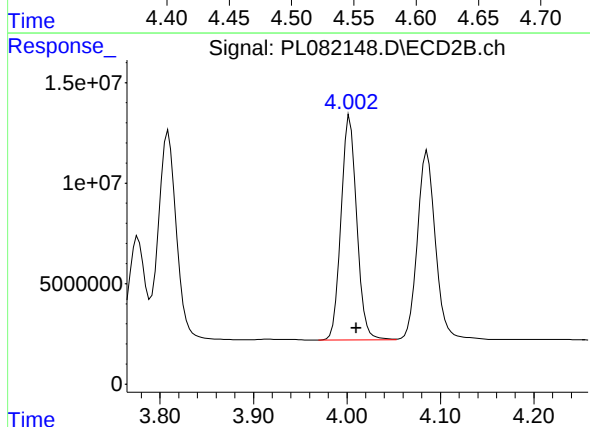
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.010 min
Response: 148024777
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

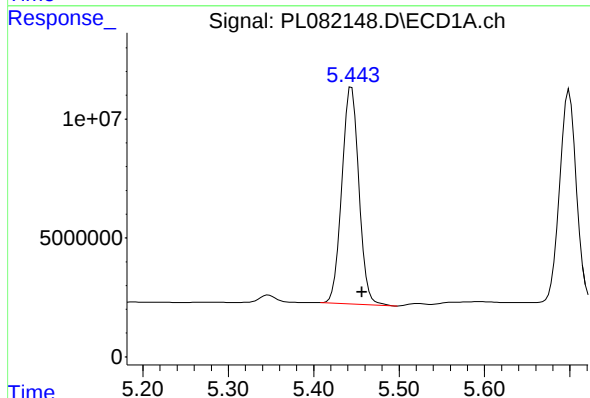
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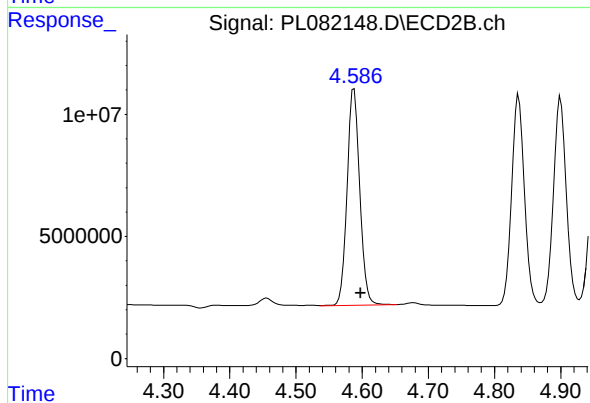
#7 delta-BHC

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 130269313
Conc: 50.37 ng/ml



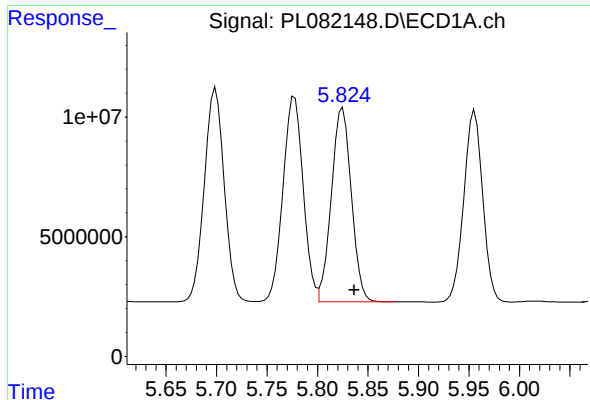
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: -0.012 min
Response: 126387369
Conc: 46.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.588 min
Delta R.T.: -0.010 min
Response: 118257420
Conc: 48.69 ng/ml



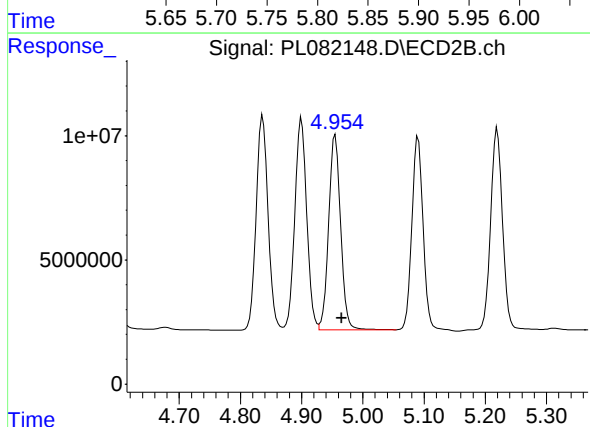
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.011 min
Response: 111977261
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

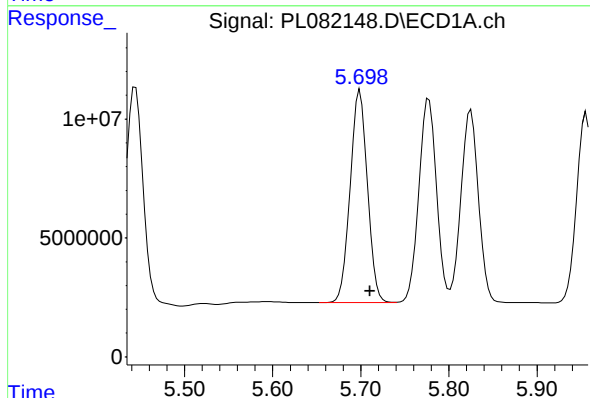
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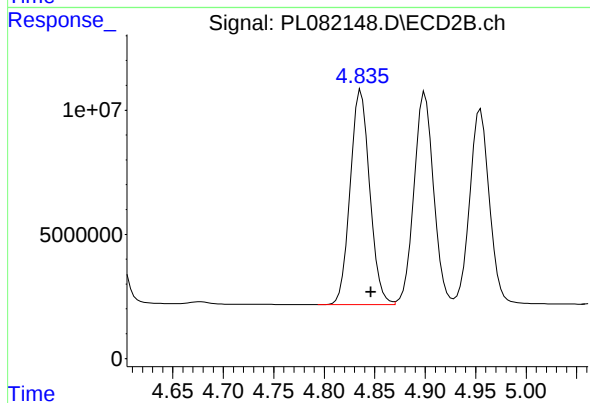
#9 Endosulfan I

R.T.: 4.955 min
Delta R.T.: -0.011 min
Response: 106781272
Conc: 48.37 ng/ml



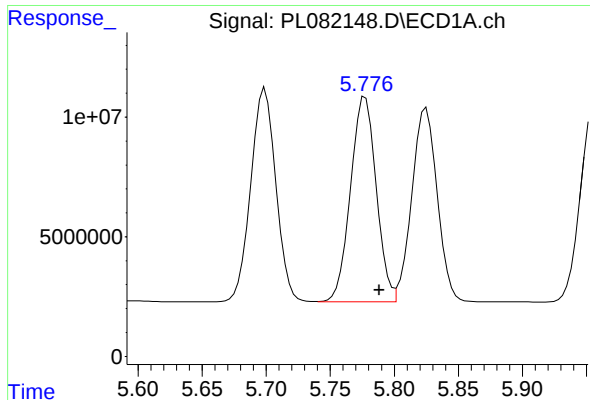
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 122078269
Conc: 46.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.836 min
Delta R.T.: -0.010 min
Response: 116336368
Conc: 47.87 ng/ml



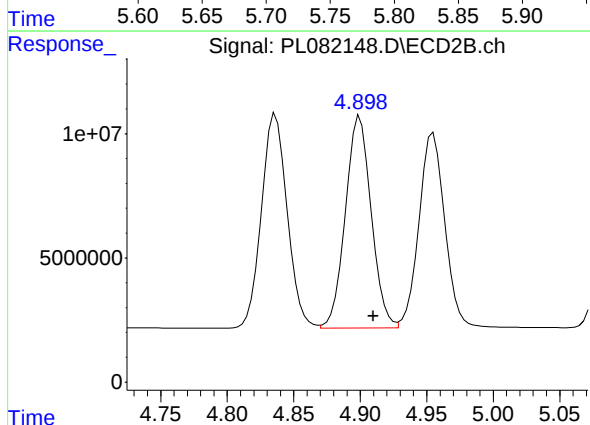
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: -0.011 min
Response: 119757431
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

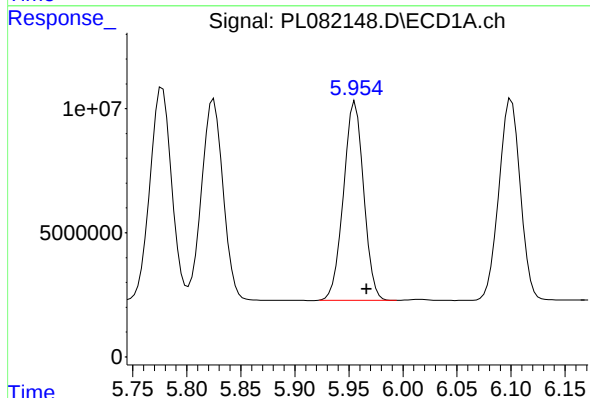
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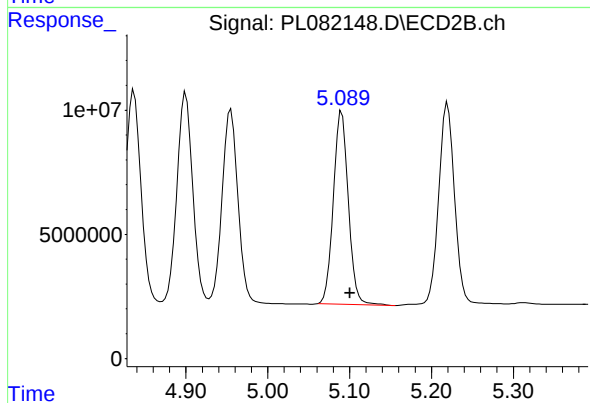
#11 alpha-Chlordane

R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 115345600
Conc: 47.49 ng/ml



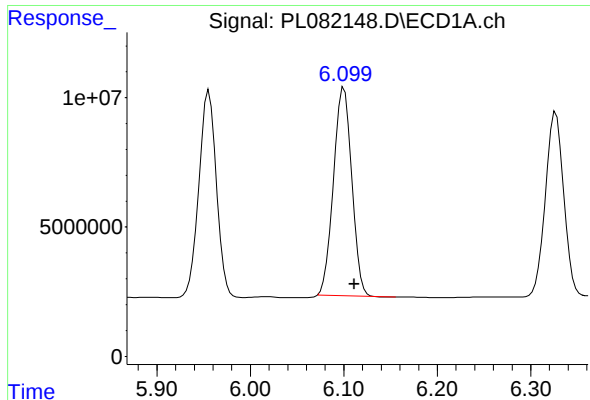
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 104190115
Conc: 46.23 ng/ml



#12 4,4'-DDE

R.T.: 5.090 min
Delta R.T.: -0.010 min
Response: 99210901
Conc: 50.37 ng/ml



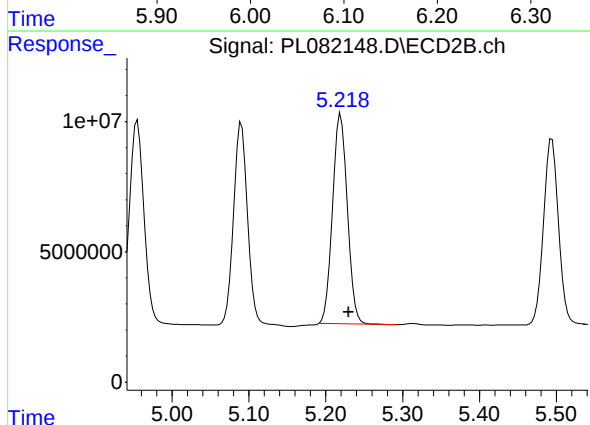
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 109569872
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

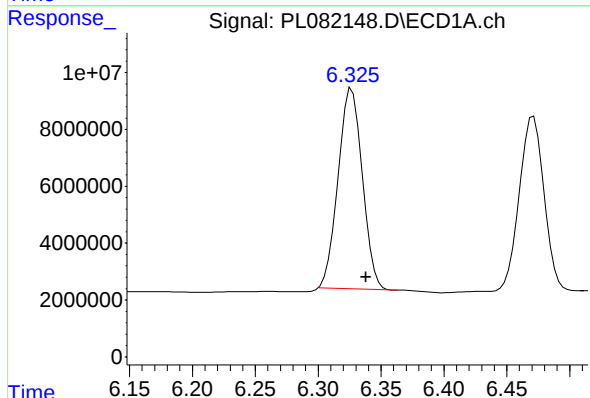
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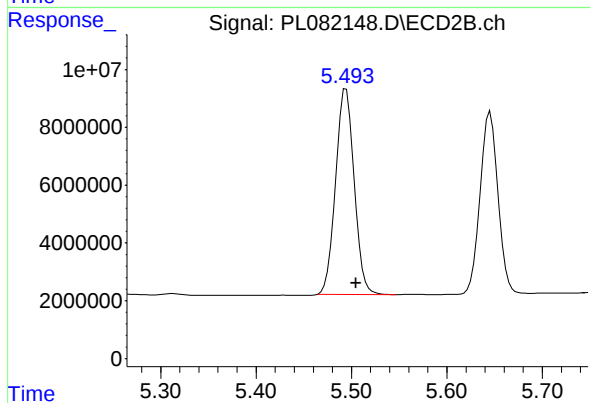
#13 Dieldrin

R.T.: 5.220 min
Delta R.T.: -0.010 min
Response: 106393705
Conc: 47.30 ng/ml



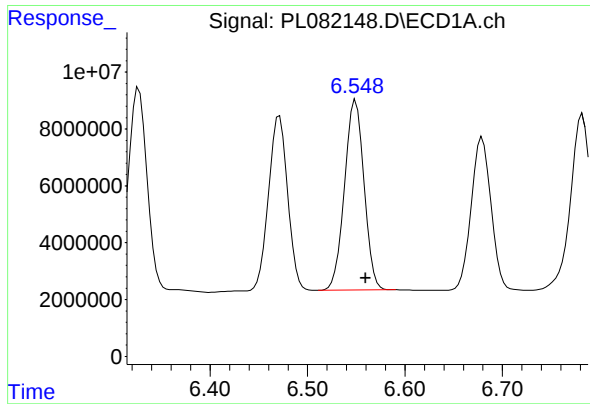
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 94319807
Conc: 44.59 ng/ml



#14 Endrin

R.T.: 5.494 min
Delta R.T.: -0.010 min
Response: 96148874
Conc: 47.51 ng/ml



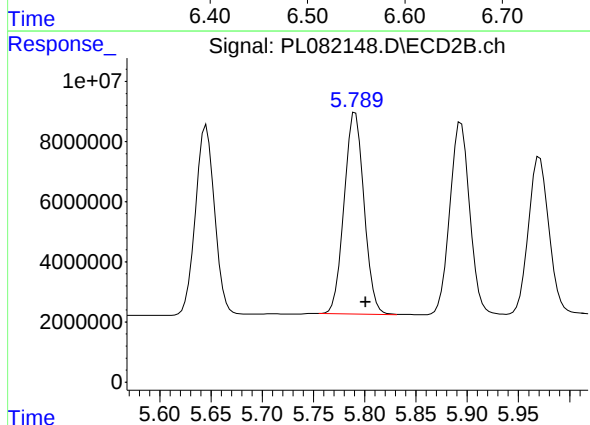
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.010 min
Response: 93177697
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

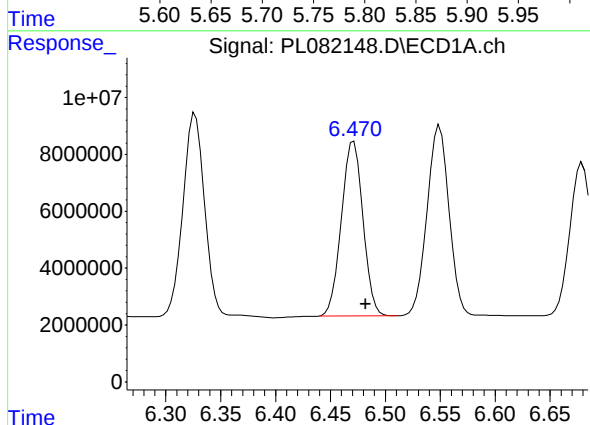
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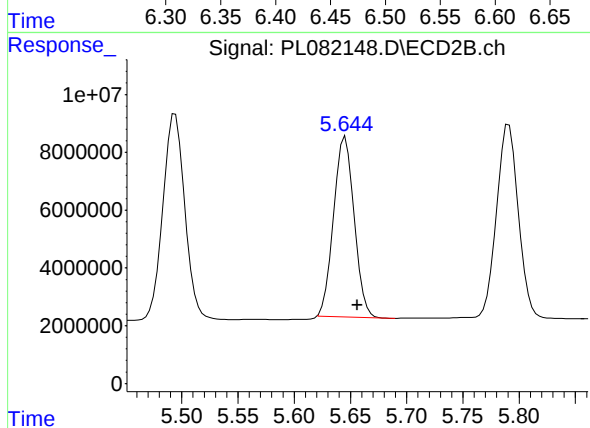
#15 Endosulfan II

R.T.: 5.789 min
Delta R.T.: -0.012 min
Response: 90427473
Conc: 49.85 ng/ml m



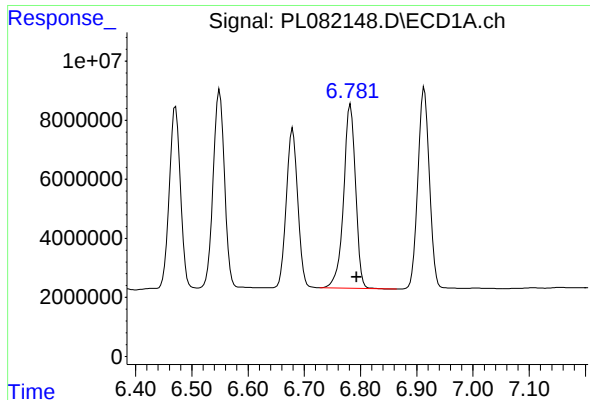
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 84070262
Conc: 46.62 ng/ml



#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: -0.010 min
Response: 79279822
Conc: 52.24 ng/ml



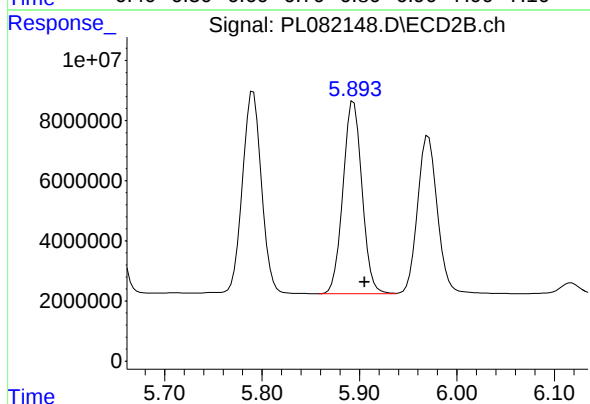
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: -0.011 min
Response: 92042733
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

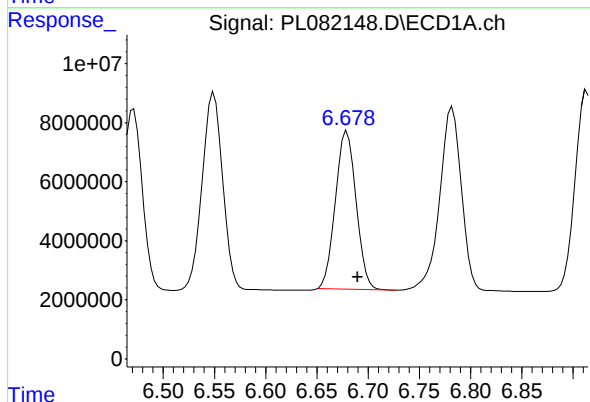
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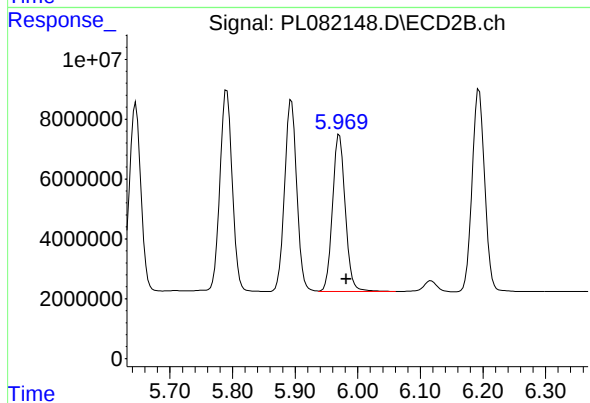
#17 4,4'-DDT

R.T.: 5.894 min
Delta R.T.: -0.011 min
Response: 86697359
Conc: 50.31 ng/ml



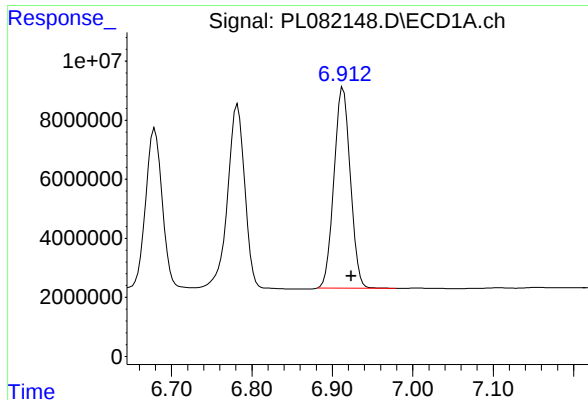
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 75050612
Conc: 45.87 ng/ml



#18 Endrin aldehyde

R.T.: 5.971 min
Delta R.T.: -0.011 min
Response: 73824923
Conc: 47.54 ng/ml



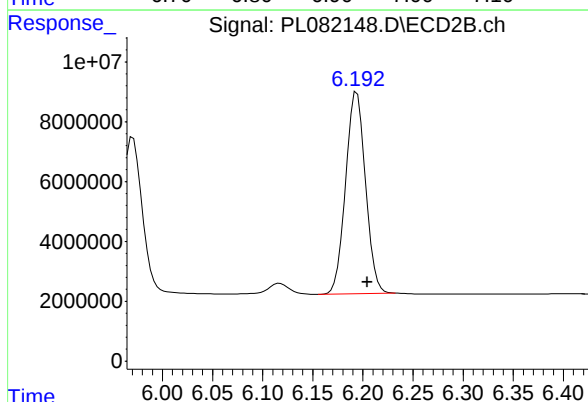
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 96119540
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

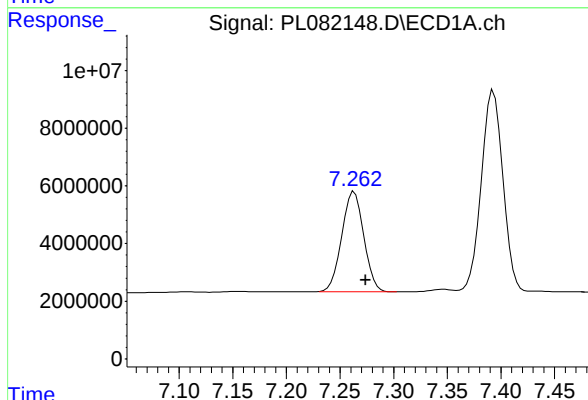
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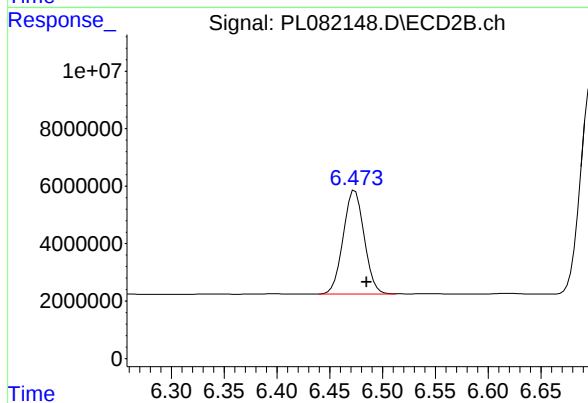
#19 Endosulfan Sulfate

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 93118060
Conc: 47.86 ng/ml



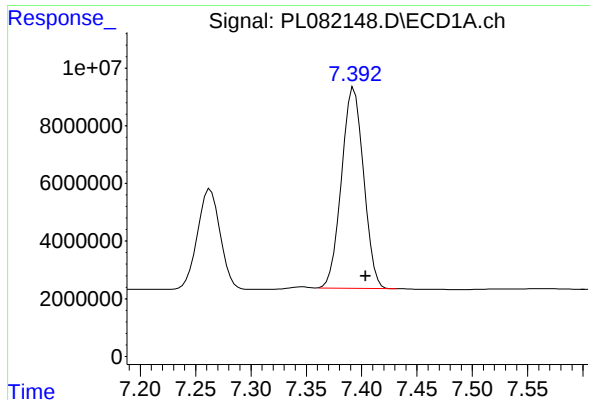
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 49722106
Conc: 46.17 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: -0.013 min
Response: 49971466
Conc: 50.17 ng/ml



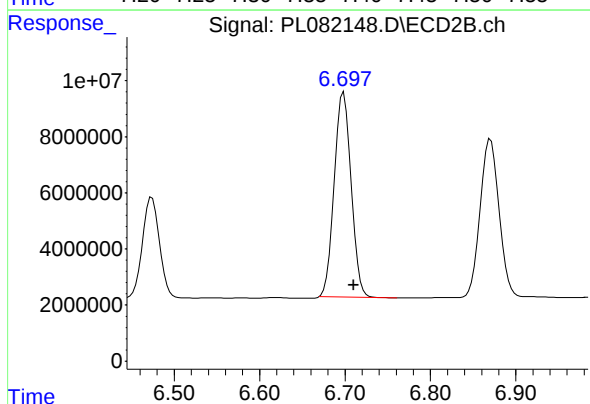
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 96913529
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

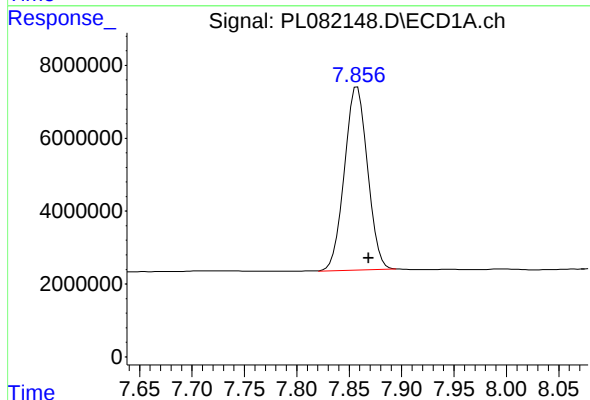
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



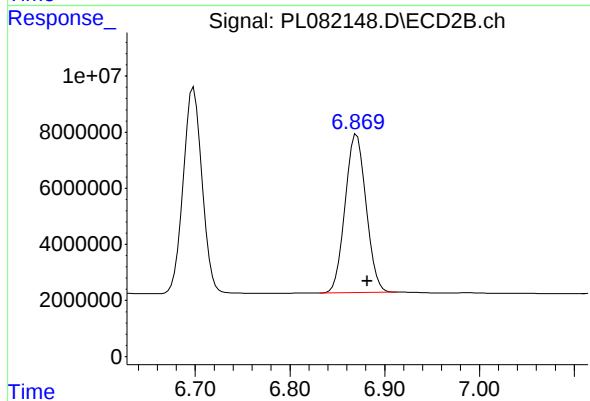
#21 Endrin ketone

R.T.: 6.698 min
Delta R.T.: -0.012 min
Response: 99936195
Conc: 46.76 ng/ml



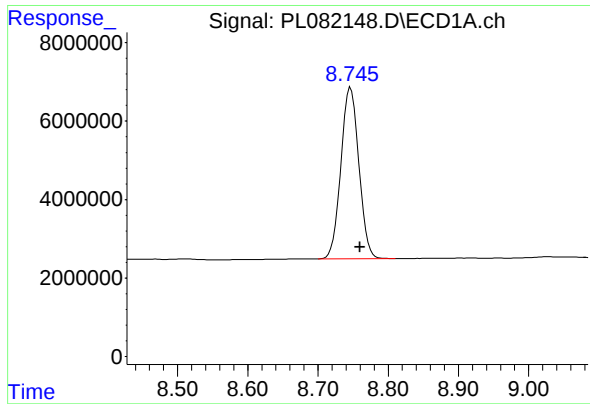
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 77307236
Conc: 45.12 ng/ml m



#22 Mirex

R.T.: 6.869 min
Delta R.T.: -0.013 min
Response: 86643897
Conc: 45.13 ng/ml m



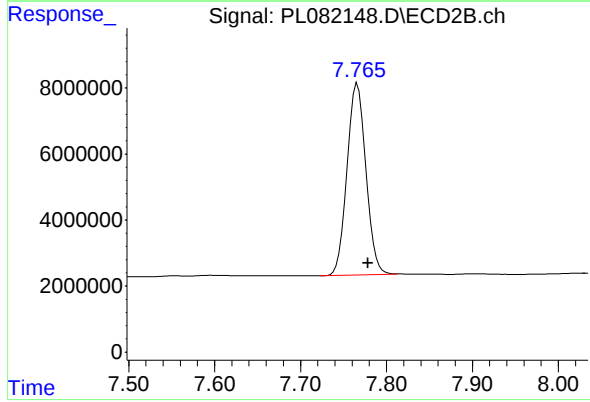
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.013 min
Response: 77572304
Conc: 43.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.765 min
Delta R.T.: -0.014 min
Response: 88204650
Conc: 44.47 ng/ml m