

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
 Data File : PL083011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 15:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/26/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 21:29:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.318	2.637	140.7E6	121.5E6	47.873	46.794
28)	SA Decachlor...	8.737	7.744	99073405	120.1E6	47.238	48.289
Target Compounds							
2)	A alpha-BHC	3.767	3.134	215.3E6	176.0E6	48.492	47.155
3)	MA gamma-BHC...	4.095	3.460	200.8E6	163.4E6	48.475	49.035
4)	MA Heptachlor	4.673	3.791	180.8E6	161.3E6	47.299	44.065
5)	MB Aldrin	5.010	4.067	176.2E6	158.2E6	50.074	48.629
6)	B beta-BHC	4.299	3.761	87437343	68752066	46.442	48.075
7)	B delta-BHC	4.540	3.986	197.4E6	162.3E6	57.392	49.534
8)	B Heptachlo...	5.436	4.568	160.5E6	141.9E6	50.168	47.818
9)	A Endosulfan I	5.817	4.935	156.4E6	122.7E6	52.114	43.900
10)	B gamma-Chl...	5.690	4.817	161.6E6	143.7E6	50.851m	47.851
11)	B alpha-Chl...	5.767	4.880	160.4E6	142.3E6	49.972m	47.418
12)	B 4,4'-DDE	5.948	5.069	139.0E6	123.8E6	50.427	50.982m
13)	MA Dieldrin	6.092	5.199	149.6E6	135.4E6	49.726	47.948
14)	MA Endrin	6.319	5.474	129.2E6	125.6E6	48.063	49.500
15)	B Endosulfa...	6.542	5.771	122.2E6	115.6E6	45.861	46.731
16)	A 4,4'-DDD	6.464	5.625	115.9E6	101.9E6	53.335	52.999
17)	MA 4,4'-DDT	6.775	5.874	114.0E6	103.1E6	45.540	46.227
18)	B Endrin al...	6.672	5.951	98221646	91471613	48.851	46.257
19)	B Endosulfa...	6.907	6.174	126.2E6	116.9E6	49.239	47.720
20)	A Methoxychlor	7.256	6.452	61957549	58203131	46.853	45.766
21)	B Endrin ke...	7.386	6.678	130.0E6	131.0E6	50.946	48.450
22)	Mirex	7.850	6.848	101.0E6	109.8E6	48.195	46.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1052523\
Data File : PL083011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 15:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

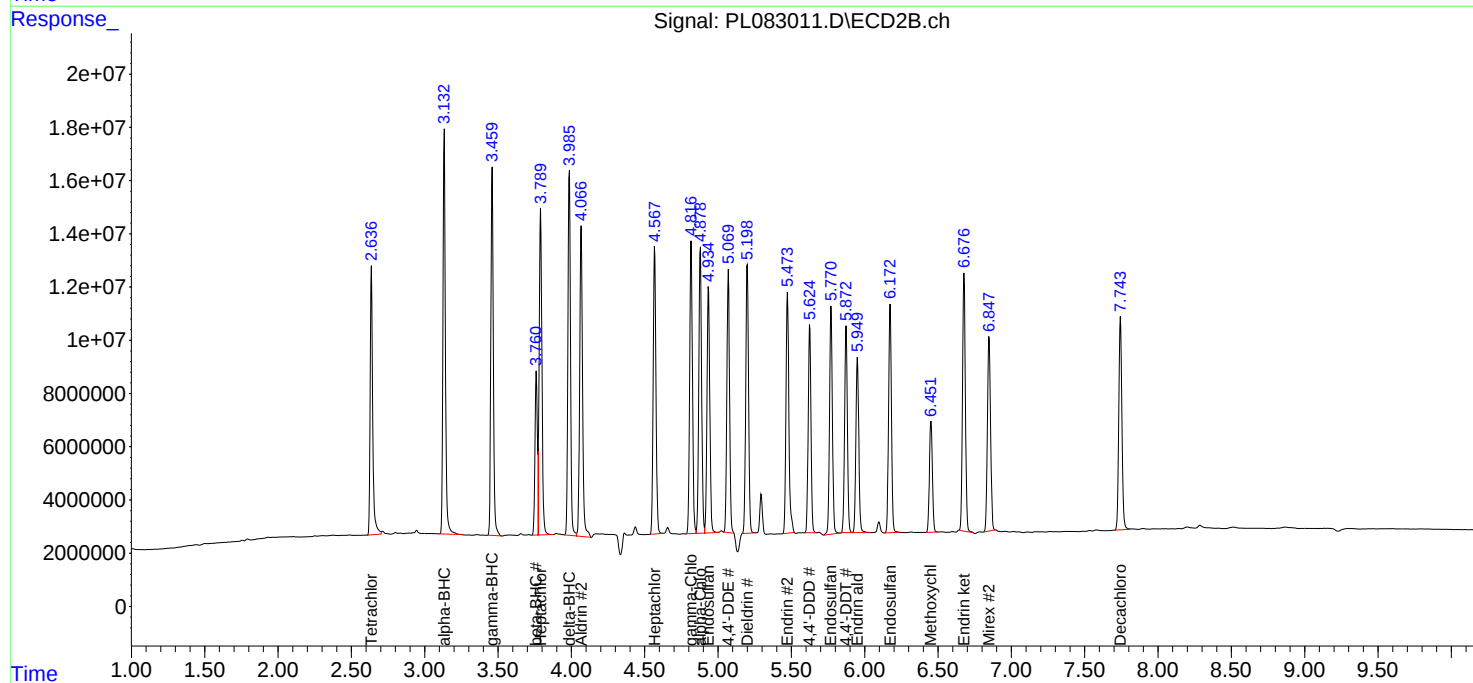
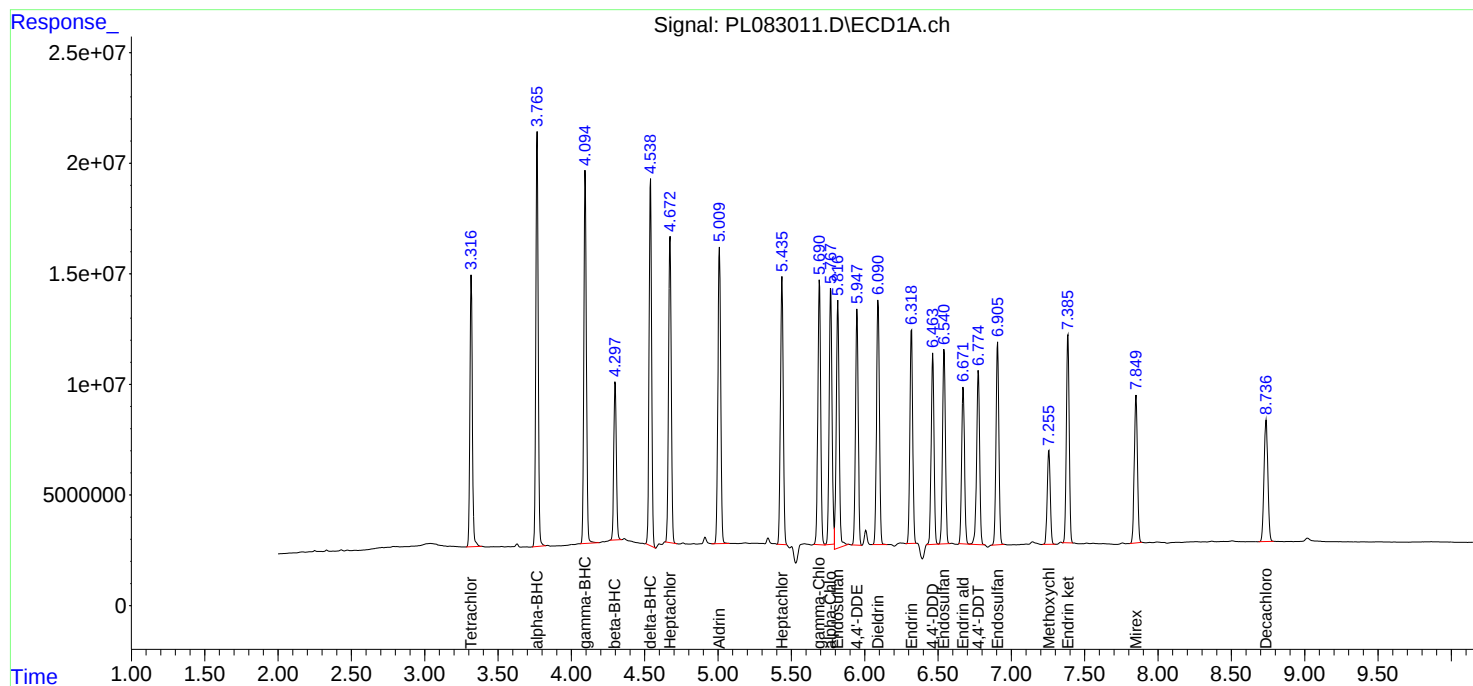
APPROVED

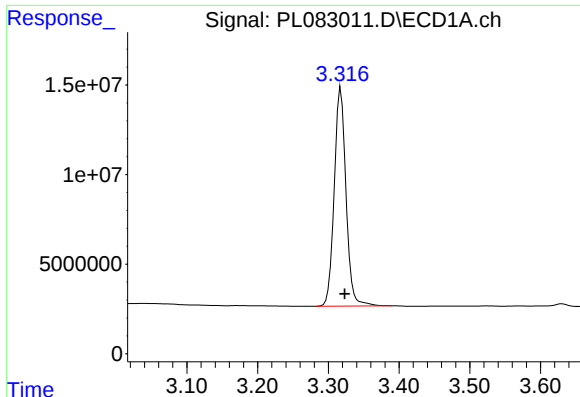
Reviewed By :Abdul Mirza 05/26/2023

Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 21:29:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





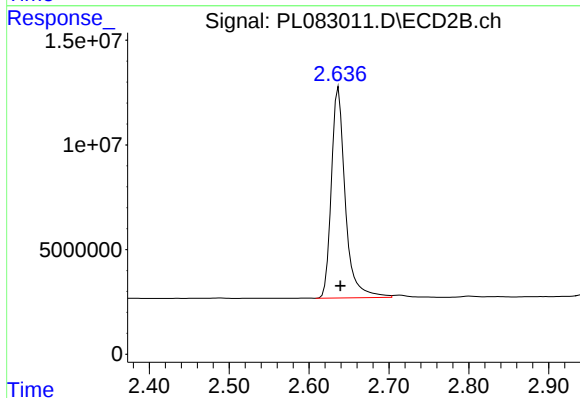
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 140698147
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

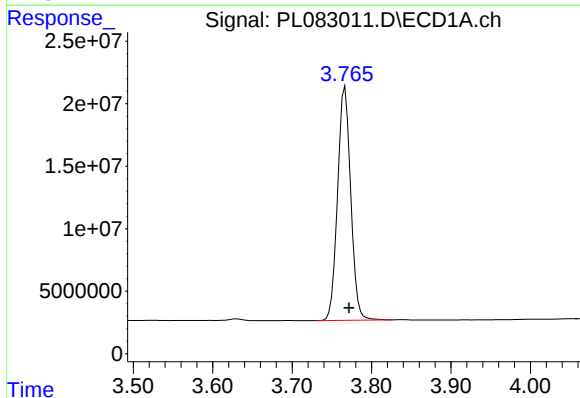
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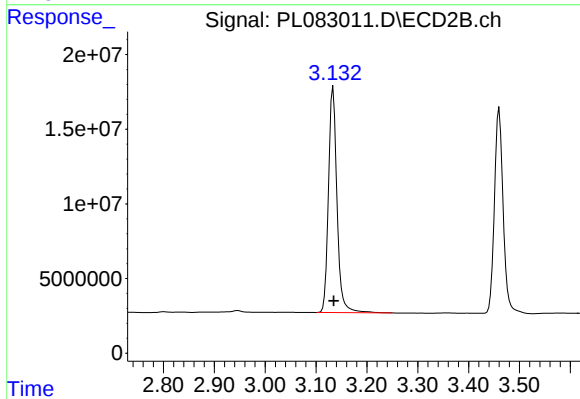
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 121480467
Conc: 46.79 ng/ml



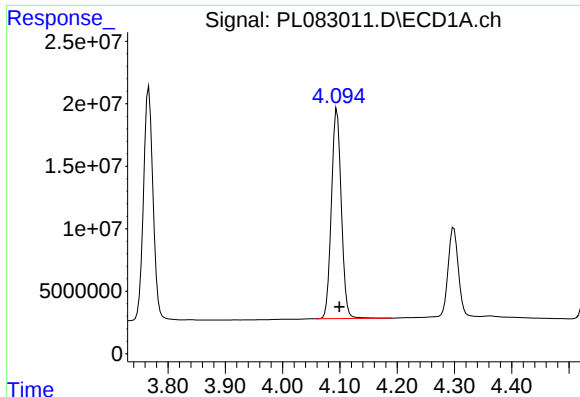
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 215266279
Conc: 48.49 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 175955836
Conc: 47.15 ng/ml



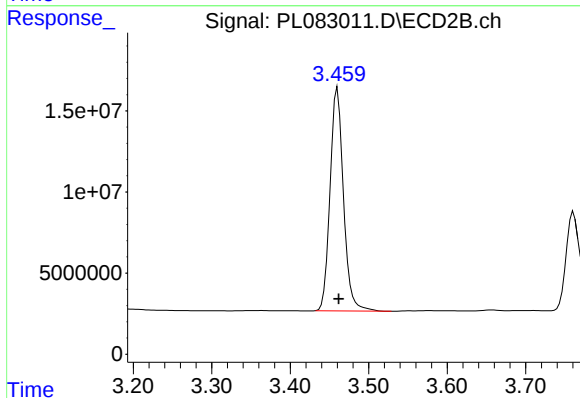
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 200826275
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

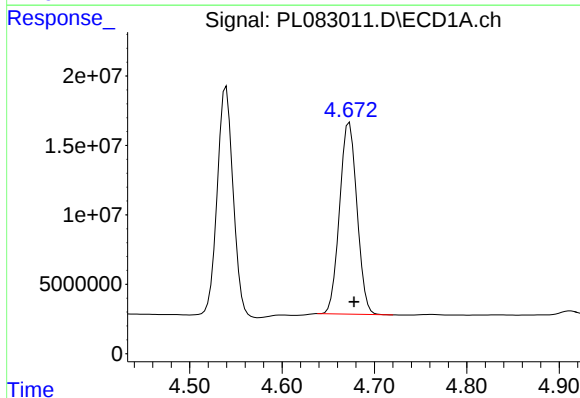
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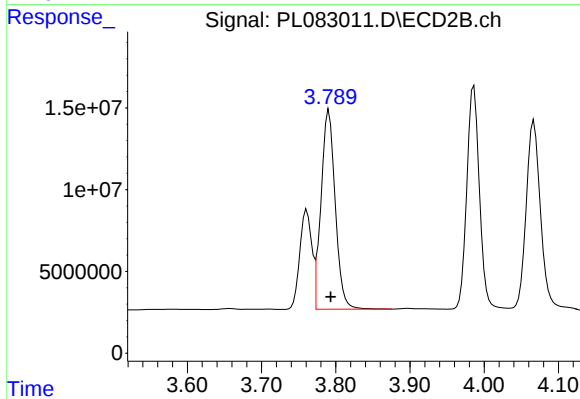
#3 gamma-BHC (Lindane)

R.T.: 3.460 min
Delta R.T.: -0.002 min
Response: 163449638
Conc: 49.04 ng/ml



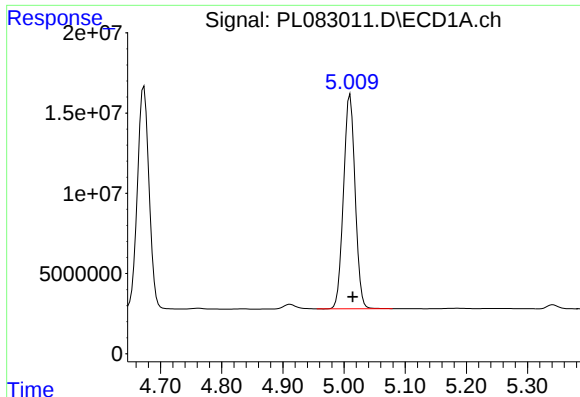
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.005 min
Response: 180798794
Conc: 47.30 ng/ml



#4 Heptachlor

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 161325356
Conc: 44.06 ng/ml



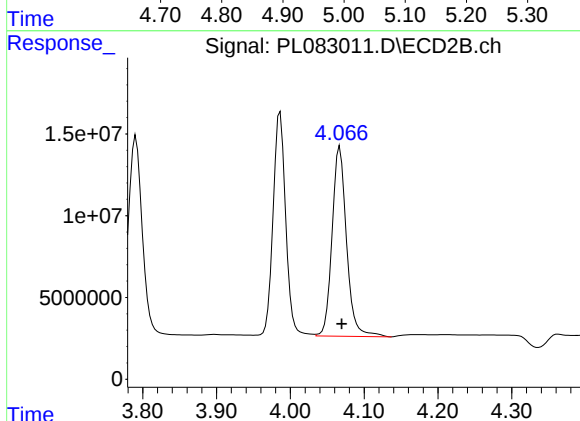
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 176167740
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

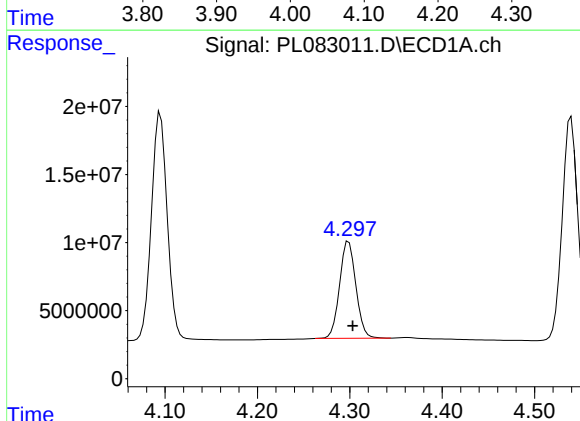
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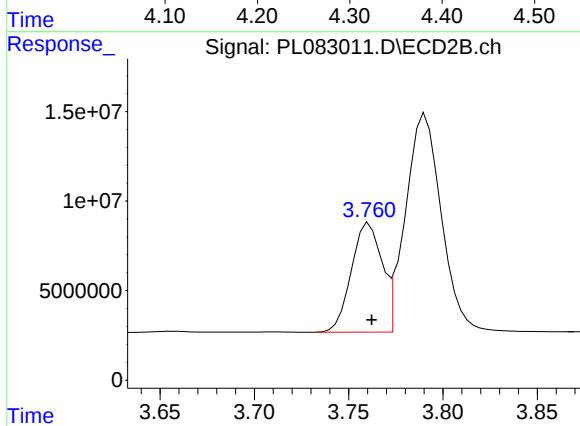
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 158219730
Conc: 48.63 ng/ml



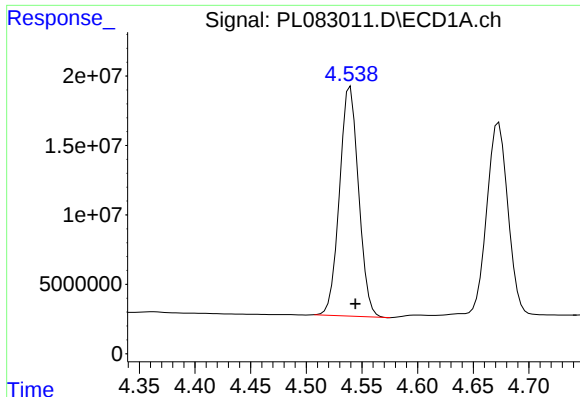
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 87437343
Conc: 46.44 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 68752066
Conc: 48.08 ng/ml



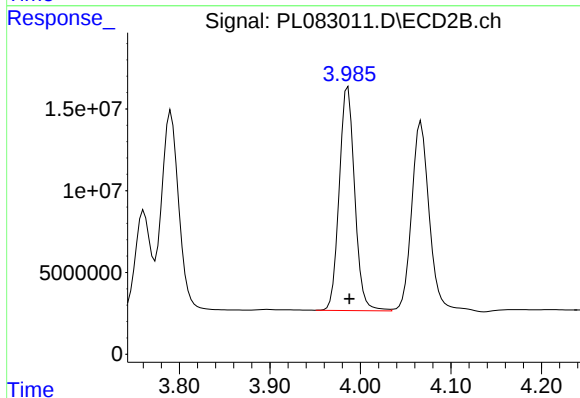
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 197365103
Conc: 57.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

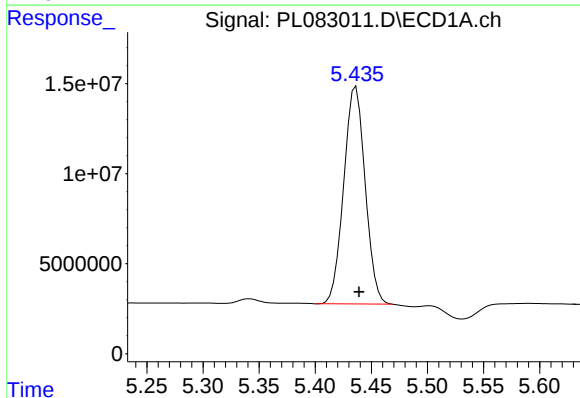
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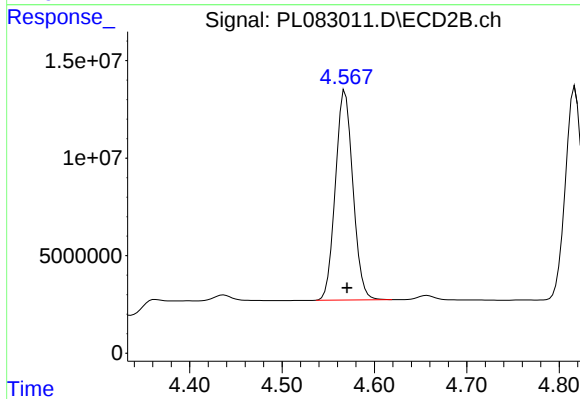
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 162296106
Conc: 49.53 ng/ml



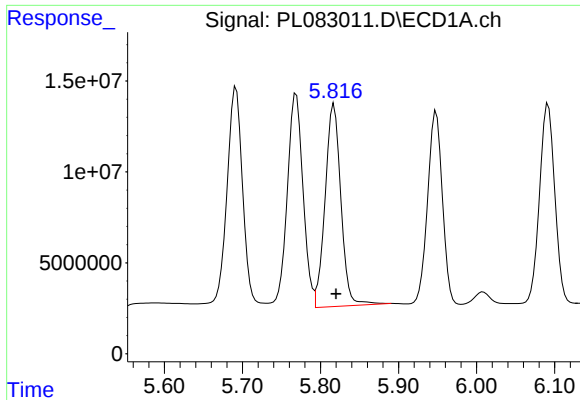
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 160473728
Conc: 50.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 141920224
Conc: 47.82 ng/ml



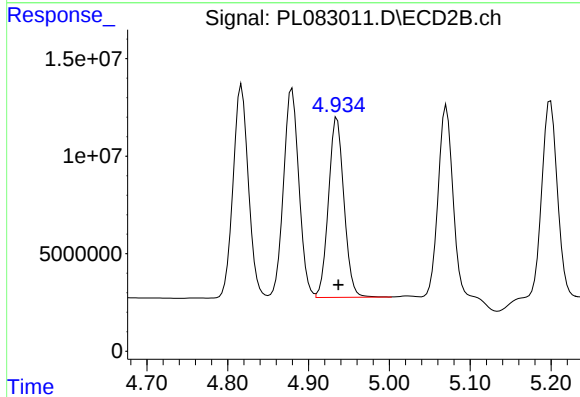
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 156372174
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

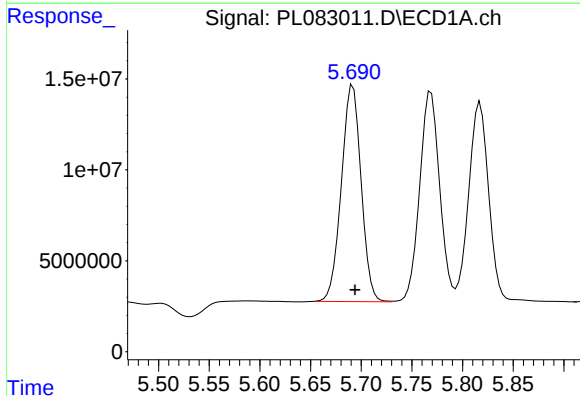
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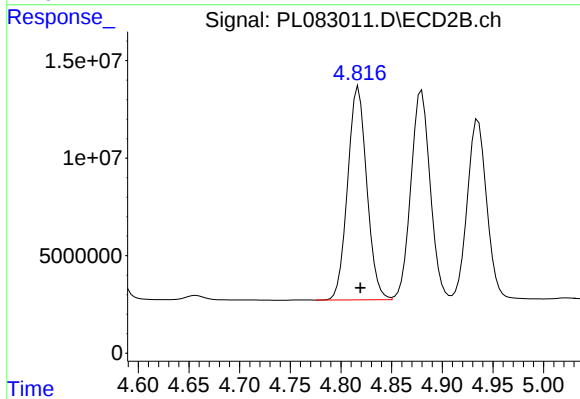
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: -0.002 min
Response: 122672980
Conc: 43.90 ng/ml



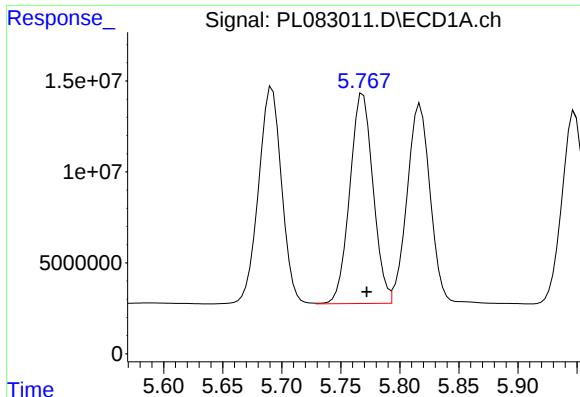
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 161553670
Conc: 50.85 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 143715475
Conc: 47.85 ng/ml



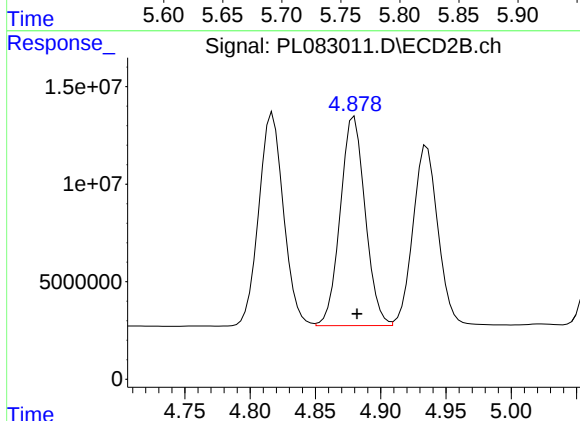
#11 alpha-Chlordane

R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 160376402
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

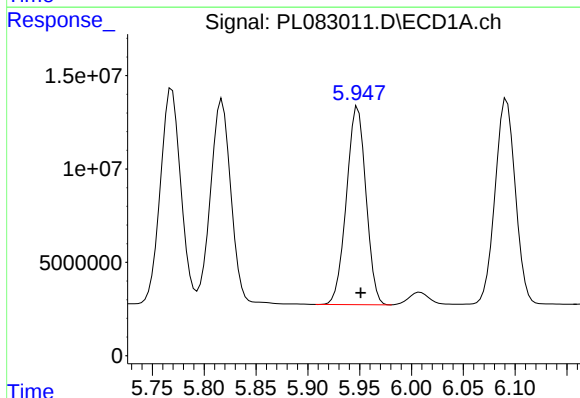
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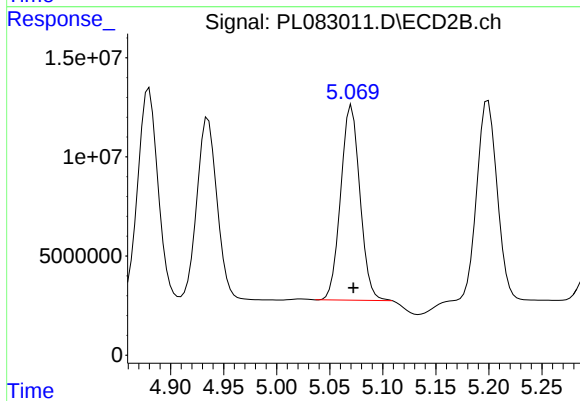
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.002 min
Response: 142348139
Conc: 47.42 ng/ml



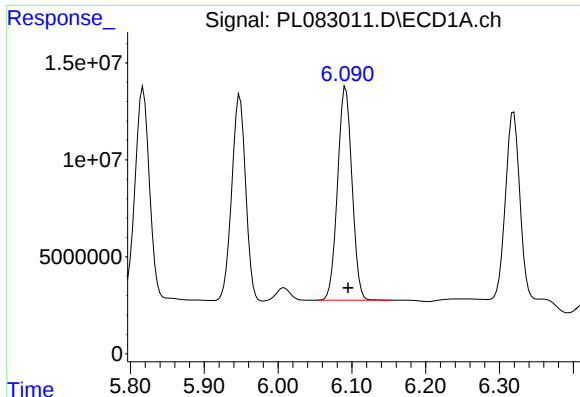
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 139002099
Conc: 50.43 ng/ml



#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 123822395
Conc: 50.98 ng/ml m



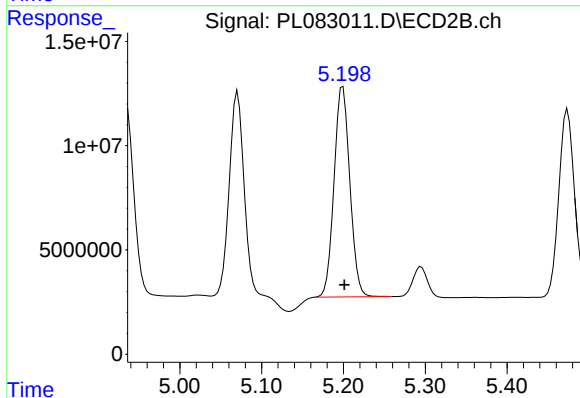
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 149568568
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

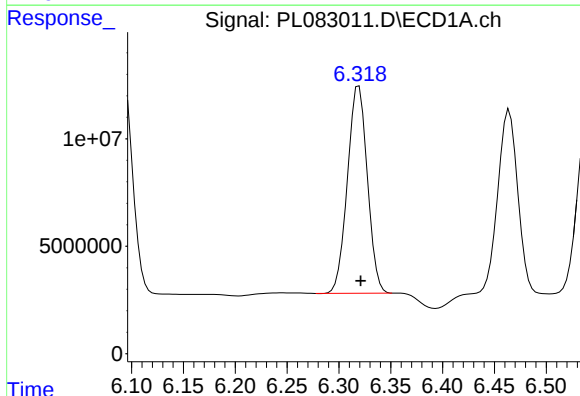
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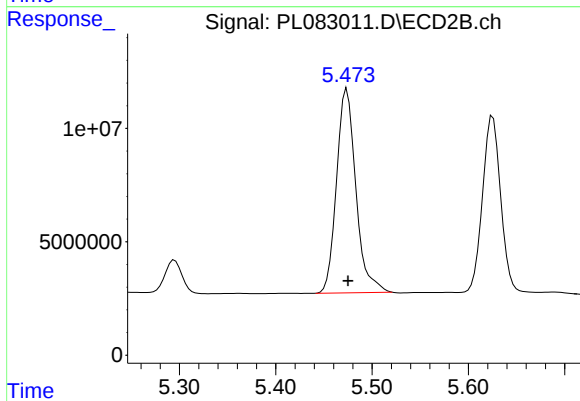
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 135352453
Conc: 47.95 ng/ml



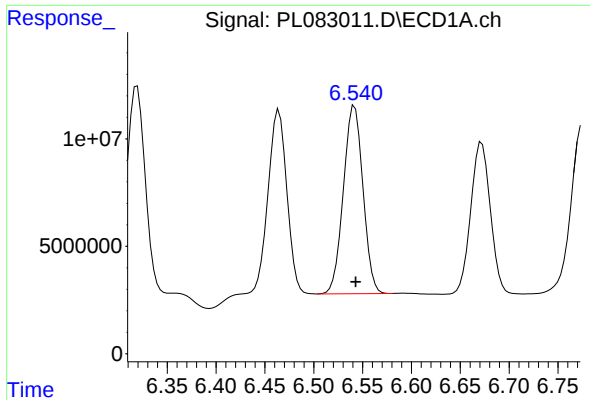
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 129157028
Conc: 48.06 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 125579230
Conc: 49.50 ng/ml



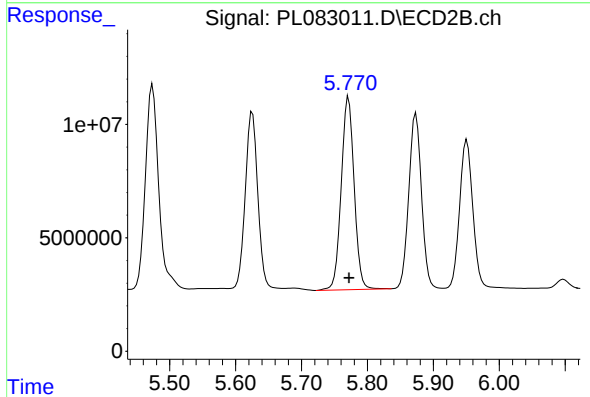
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 122207440
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

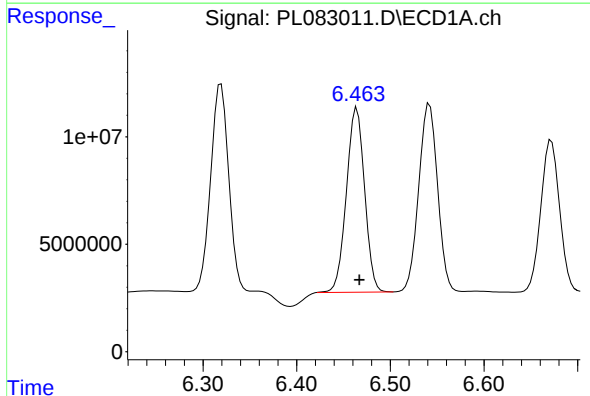
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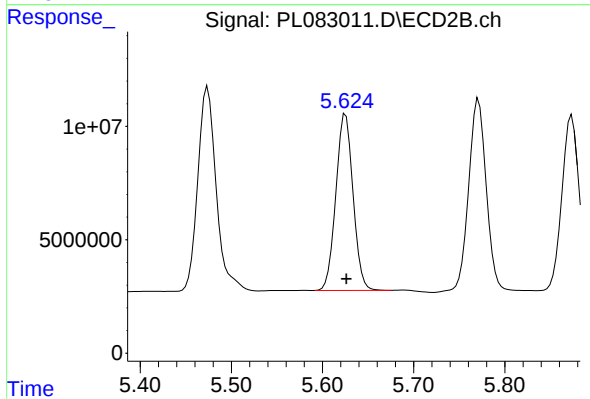
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 115620711
Conc: 46.73 ng/ml



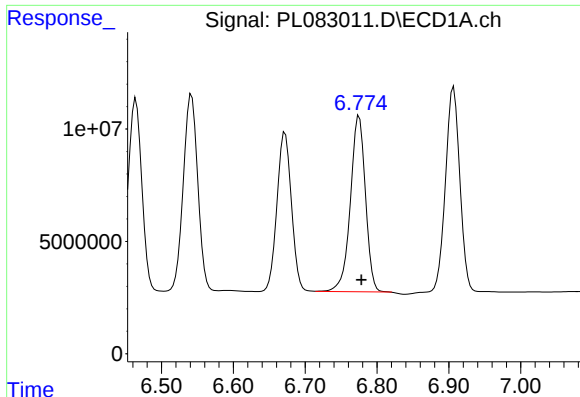
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 115899518
Conc: 53.33 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 101930258
Conc: 53.00 ng/ml



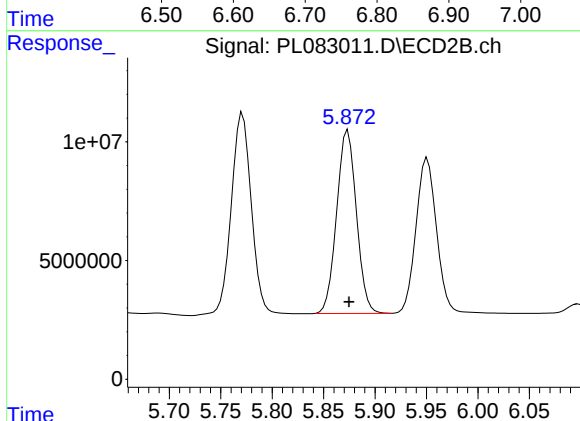
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 113994133
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

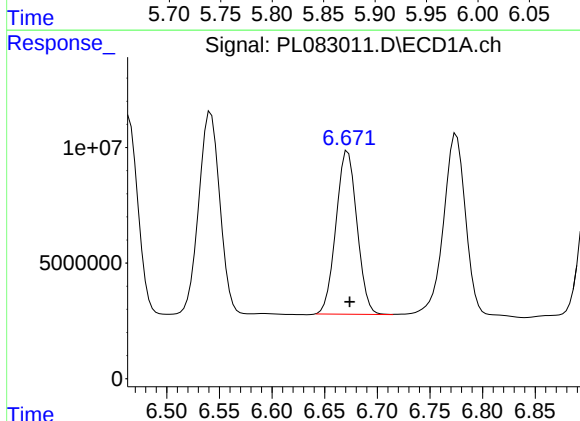
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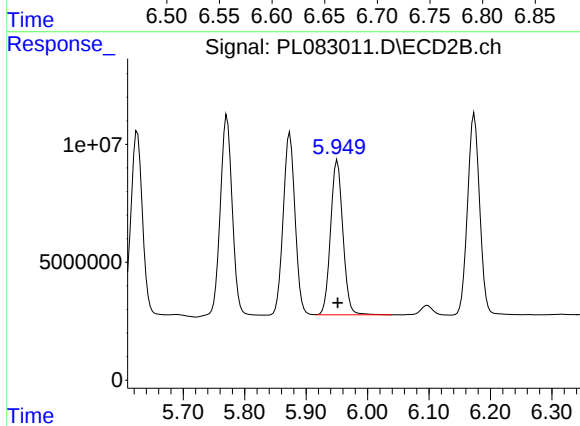
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 103133758
Conc: 46.23 ng/ml



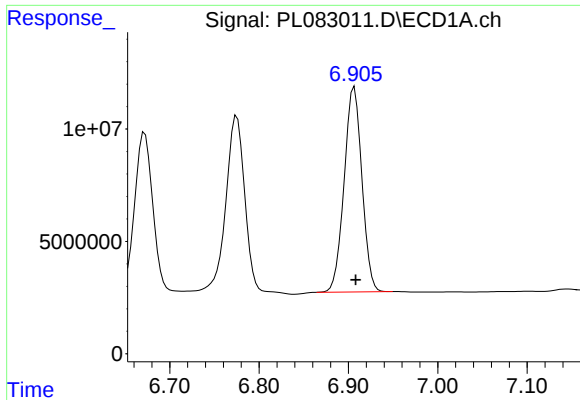
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 98221646
Conc: 48.85 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 91471613
Conc: 46.26 ng/ml



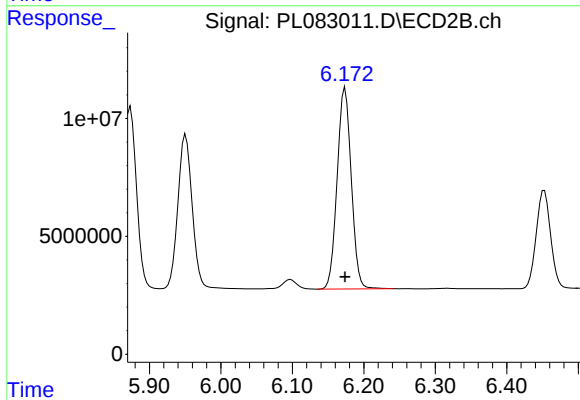
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 126235311
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

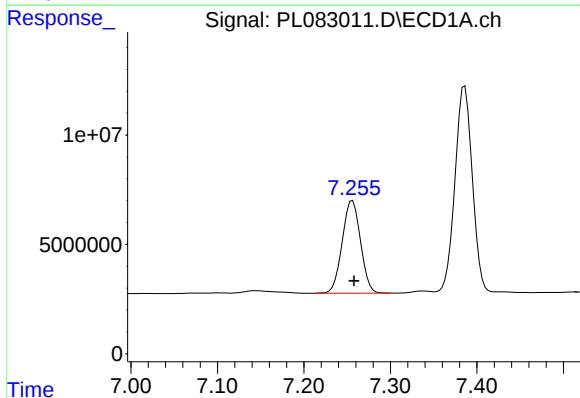
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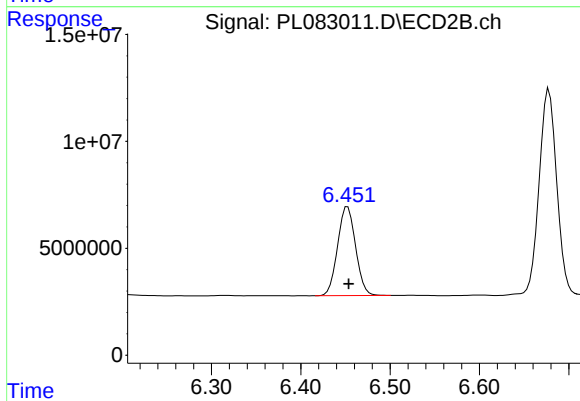
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 116866473
Conc: 47.72 ng/ml



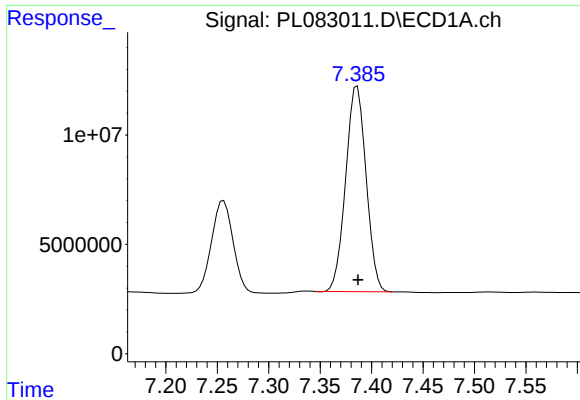
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 61957549
Conc: 46.85 ng/ml



#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 58203131
Conc: 45.77 ng/ml



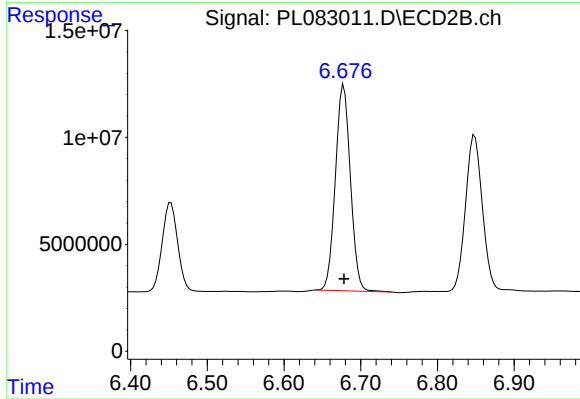
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 129951797
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

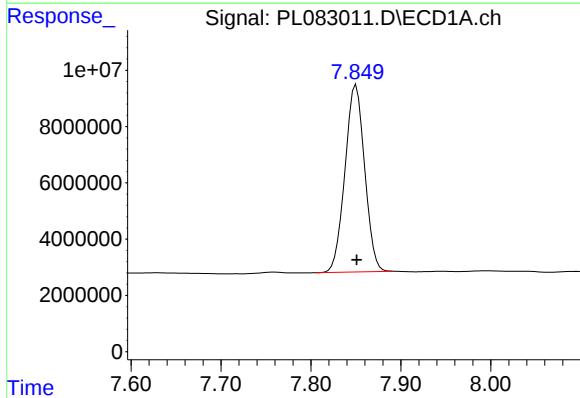
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



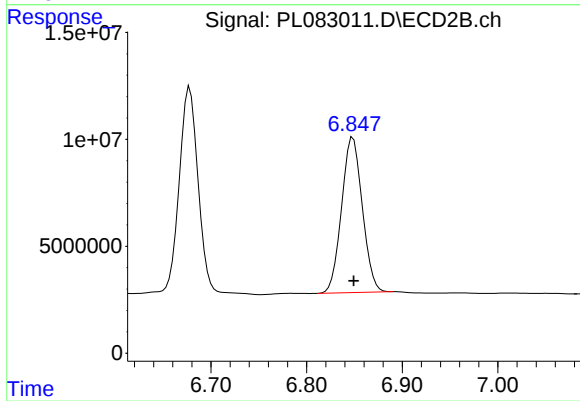
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 131002289
Conc: 48.45 ng/ml



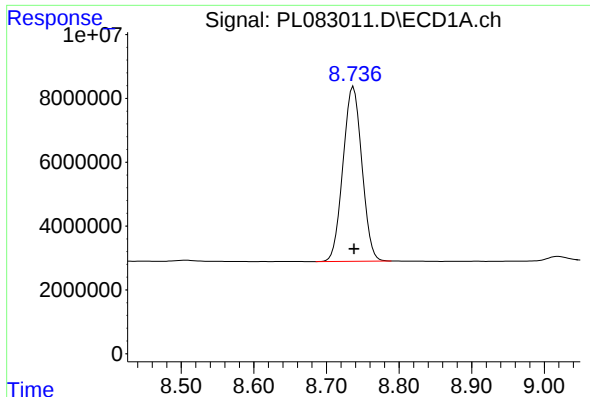
#22 Mirex

R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 101018570
Conc: 48.20 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 109768051
Conc: 46.91 ng/ml



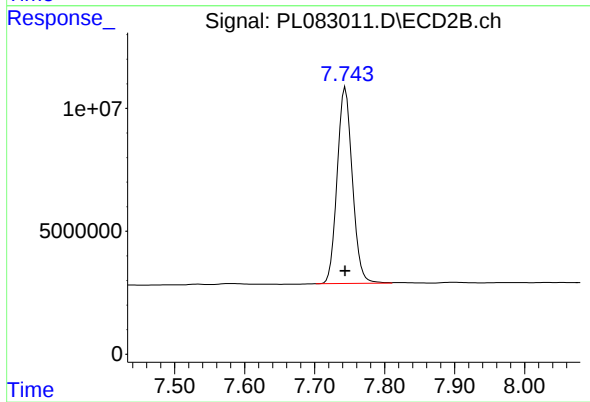
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 99073405
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 120071481
Conc: 48.29 ng/ml