

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 18:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:25:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.642	138.0E6	122.5E6	51.655	52.897
28)	SA Decachlor...	8.734	7.751	105.1E6	121.4E6	55.046	53.195
Target Compounds							
2)	A alpha-BHC	3.769	3.139	213.0E6	182.5E6	53.512	53.613
3)	MA gamma-BHC...	4.097	3.466	196.4E6	168.5E6	52.527	52.407
4)	MA Heptachlor	4.675	3.798	193.9E6	179.2E6	53.058	52.348
5)	MB Aldrin	5.011	4.074	174.3E6	170.3E6	52.850	54.066
6)	B beta-BHC	4.300	3.766	86038346	69492627	50.448	50.933
7)	B delta-BHC	4.541	3.993	191.2E6	168.0E6	53.141	54.771
8)	B Heptachlo...	5.437	4.576	159.0E6	151.4E6	52.131	52.540
9)	A Endosulfan I	5.817	4.943	148.1E6	143.2E6	53.421	53.636
10)	B gamma-Chl...	5.692	4.824	162.4E6	154.5E6	54.022	53.242
11)	B alpha-Chl...	5.769	4.887	160.7E6	154.3E6	53.852	53.142
12)	B 4,4'-DDE	5.948	5.078	140.1E6	129.7E6	55.121	56.410
13)	MA Dieldrin	6.092	5.205	148.0E6	145.4E6	53.651	53.848m
14)	MA Endrin	6.319	5.479	131.4E6	130.5E6	54.197	53.350m
15)	B Endosulfa...	6.541	5.777	122.6E6	122.0E6	50.355	54.114
16)	A 4,4'-DDD	6.463	5.632	114.5E6	107.8E6	56.501	57.620
17)	MA 4,4'-DDT	6.774	5.880	121.8E6	116.9E6	53.240	55.336
18)	B Endrin al...	6.671	5.957	100.8E6	99858506	53.481	53.361
19)	B Endosulfa...	6.905	6.180	127.3E6	127.3E6	53.671	54.071
20)	A Methoxychlor	7.254	6.459	64256507	60397245	52.655	49.839
21)	B Endrin ke...	7.384	6.683	130.5E6	141.0E6	54.515	55.555m
22)	Mirex	7.848	6.854	101.9E6	120.9E6	52.070	52.483m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
Data File : PL082564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2023 18:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

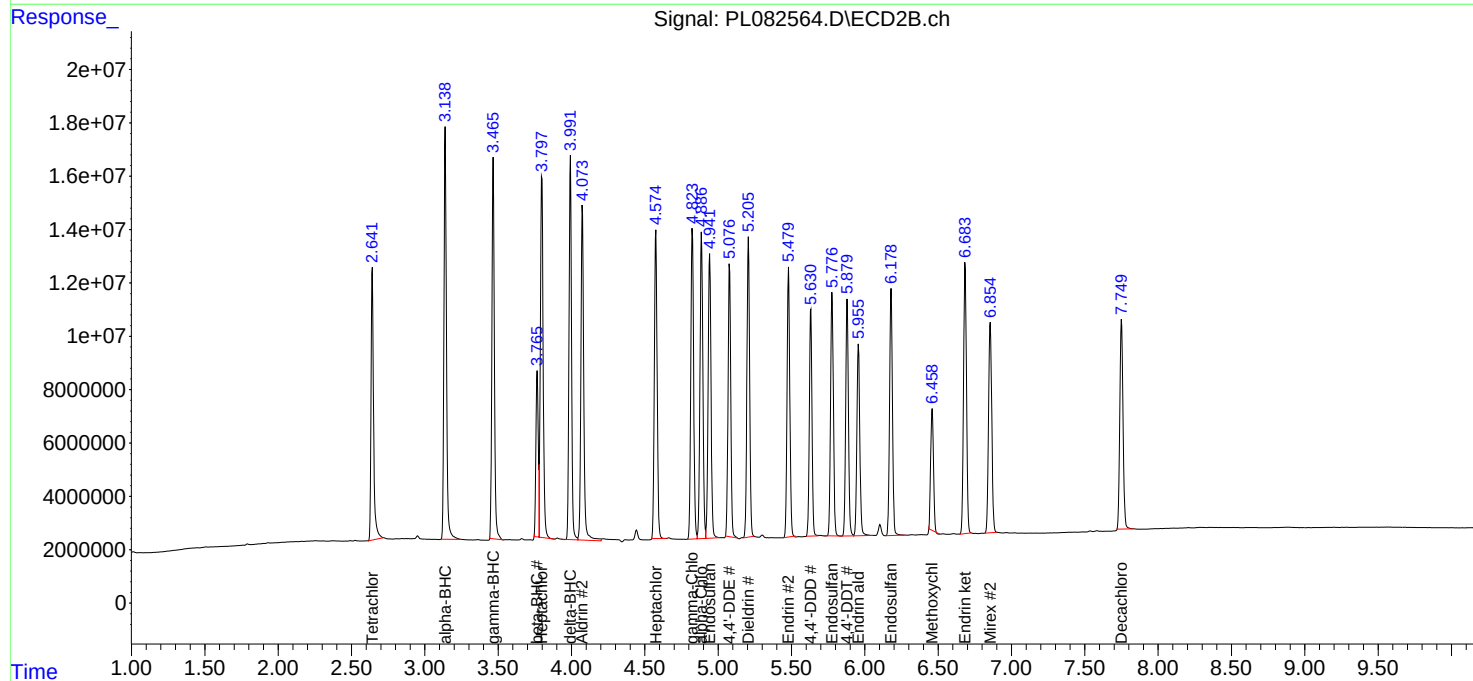
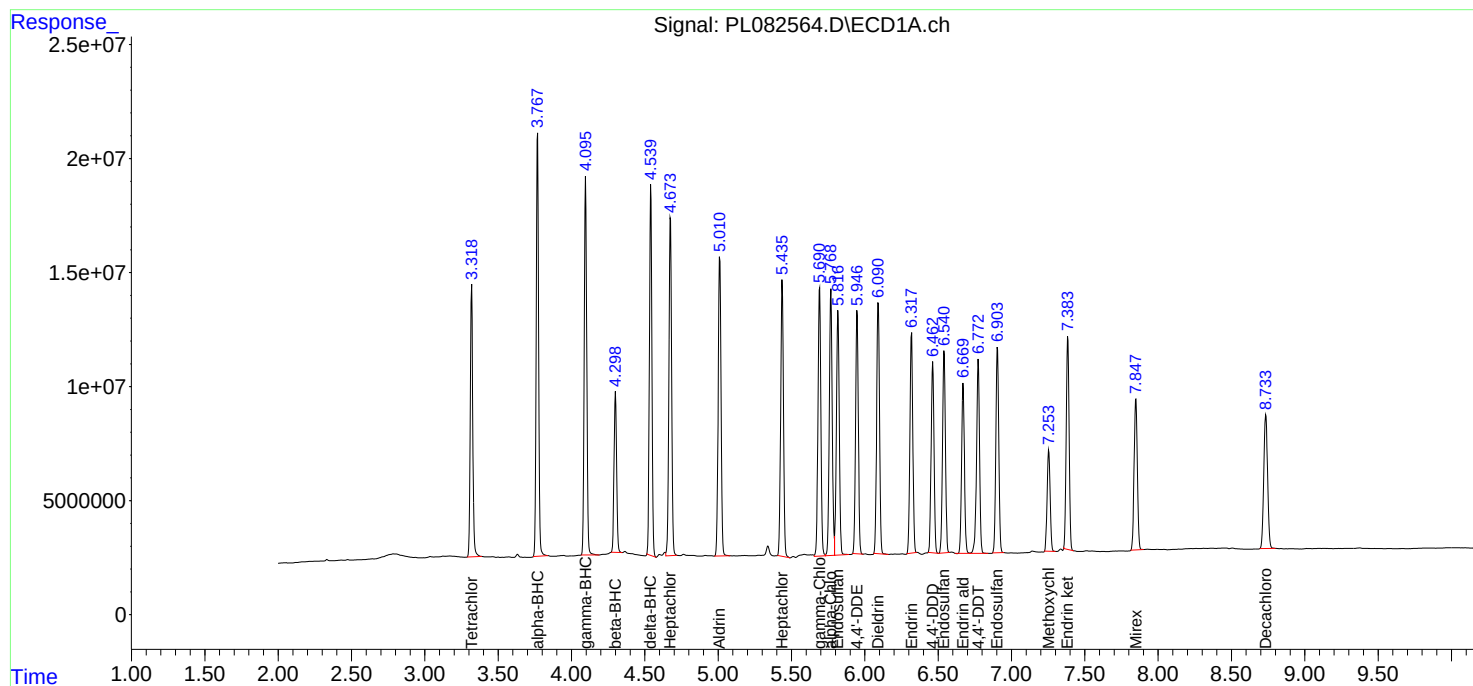
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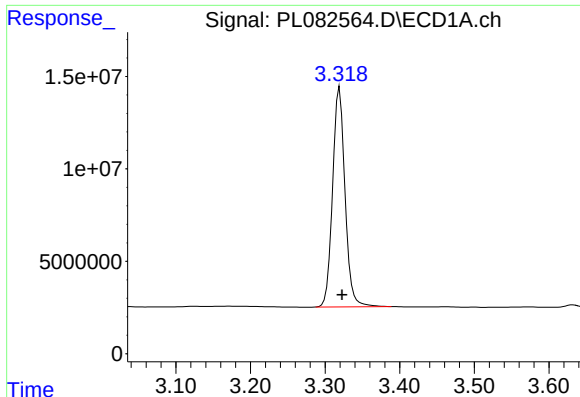
Reviewed By :Abdul Mirza 05/08/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 21:25:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





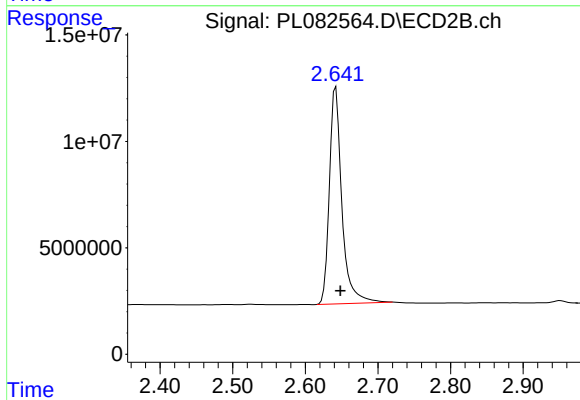
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 137980890
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

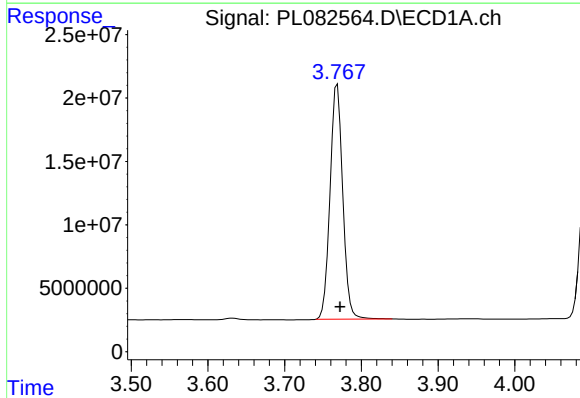
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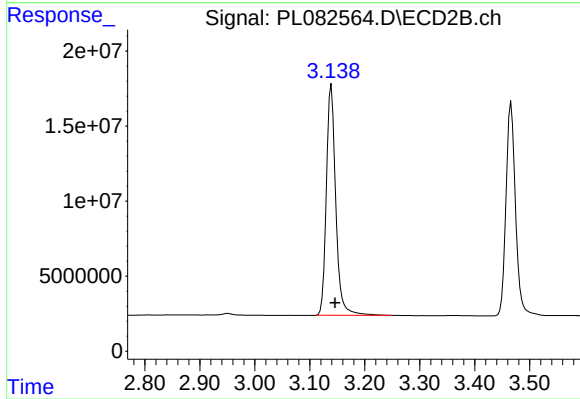
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 122547346
Conc: 52.90 ng/ml



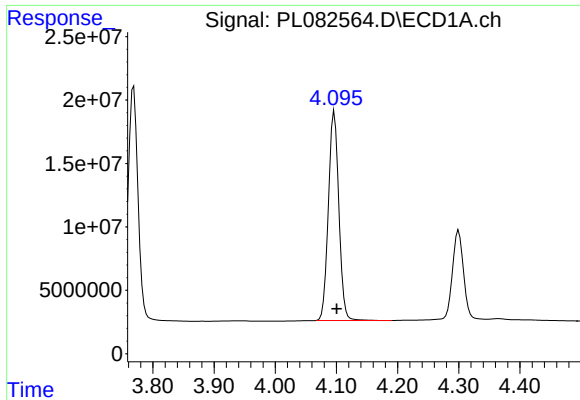
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 212990791
Conc: 53.51 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 182472250
Conc: 53.61 ng/ml



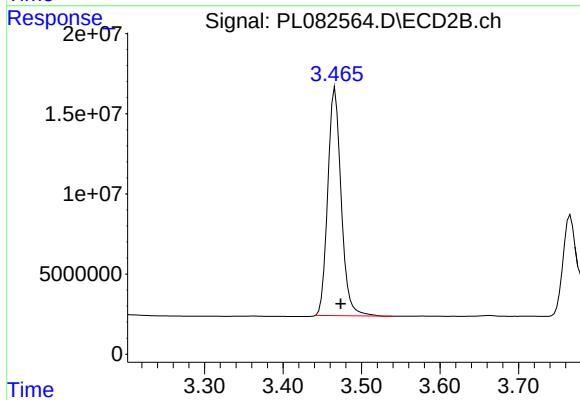
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 196393894
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

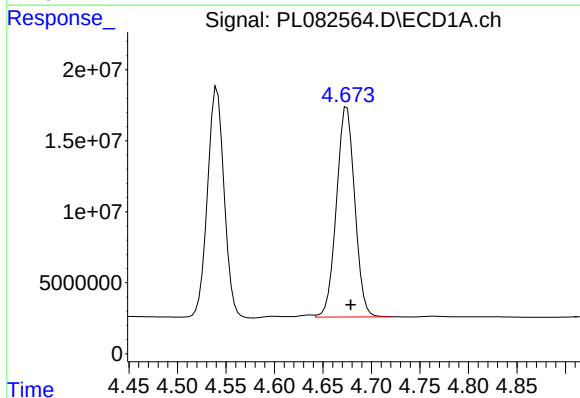
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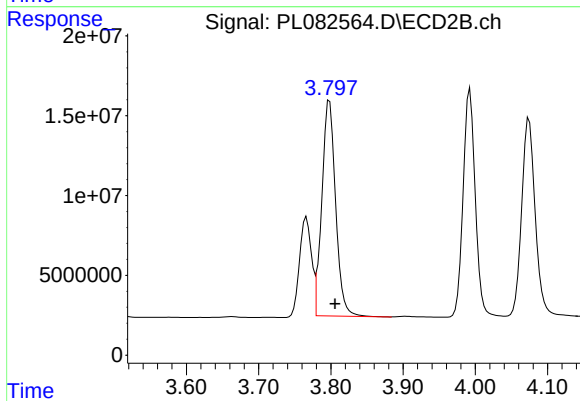
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 168502889
Conc: 52.41 ng/ml



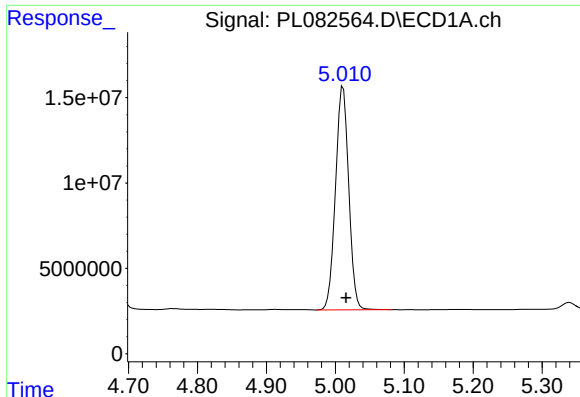
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 193870252
Conc: 53.06 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 179198666
Conc: 52.35 ng/ml



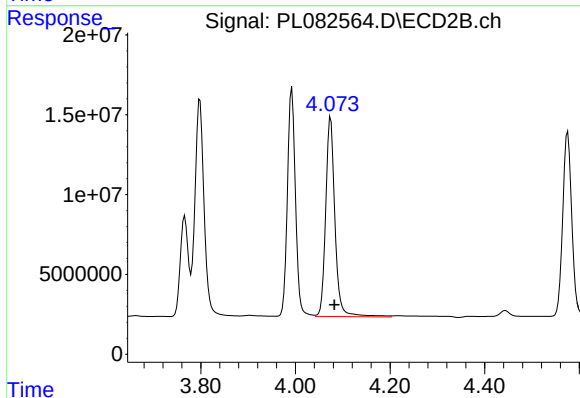
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 174276979
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

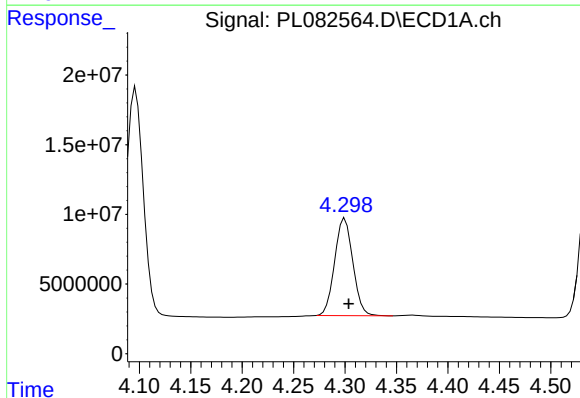
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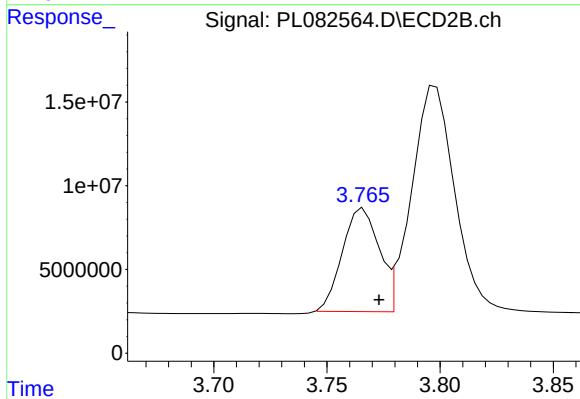
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 170300381
Conc: 54.07 ng/ml



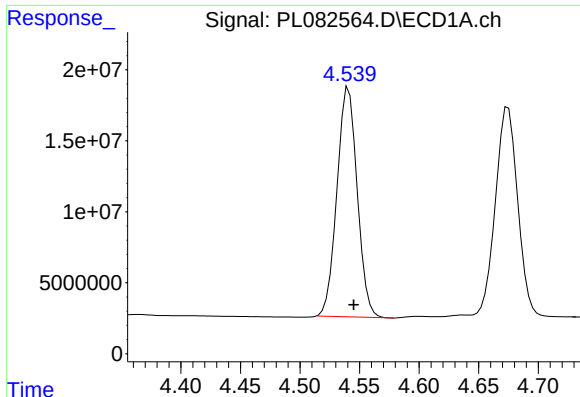
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 86038346
Conc: 50.45 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 69492627
Conc: 50.93 ng/ml



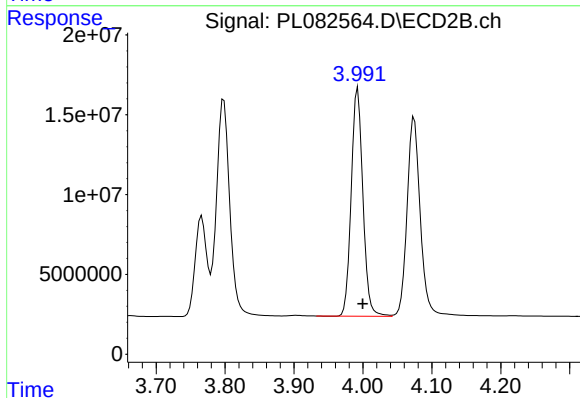
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 191188497
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

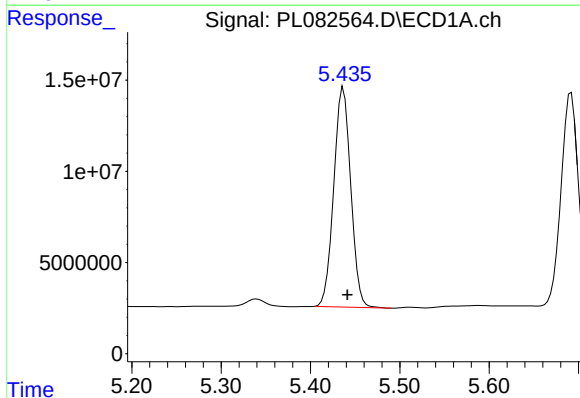
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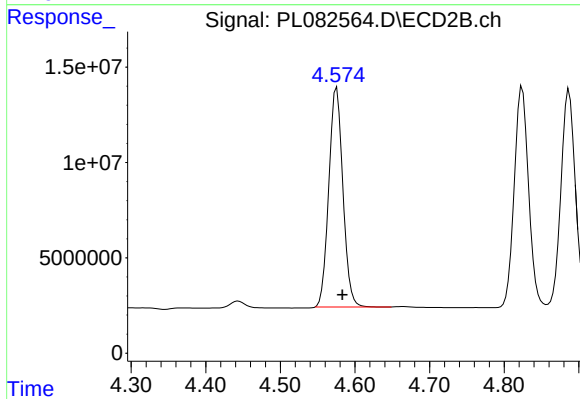
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 168003242
Conc: 54.77 ng/ml



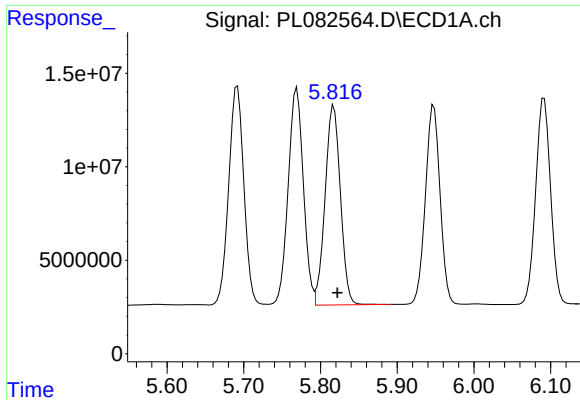
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 159018773
Conc: 52.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 151360978
Conc: 52.54 ng/ml



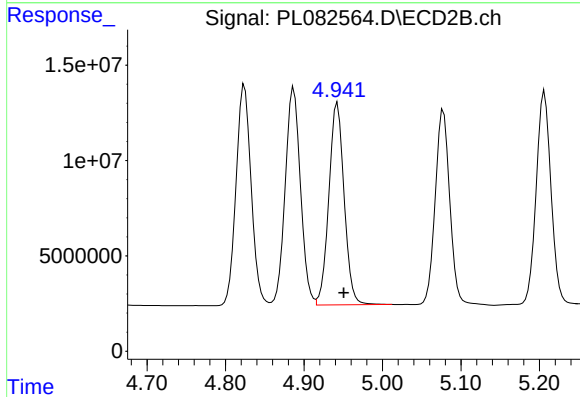
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 148120524
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

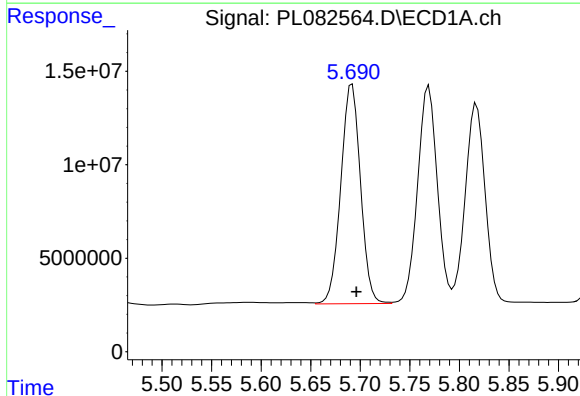
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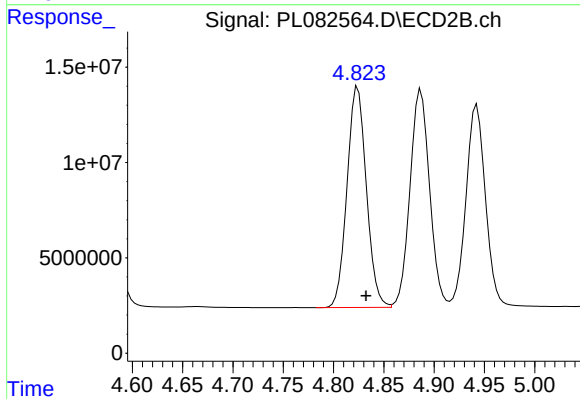
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.008 min
Response: 143179035
Conc: 53.64 ng/ml



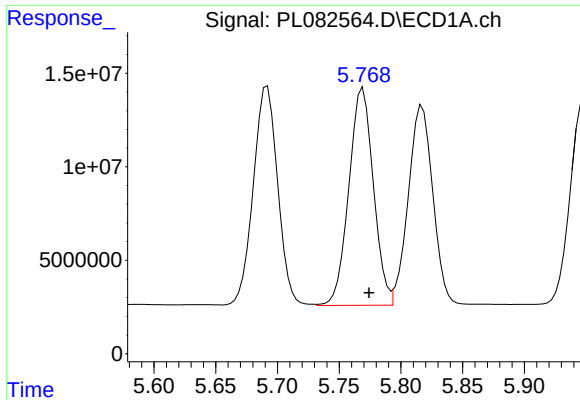
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 162435738
Conc: 54.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.824 min
Delta R.T.: -0.008 min
Response: 154500598
Conc: 53.24 ng/ml



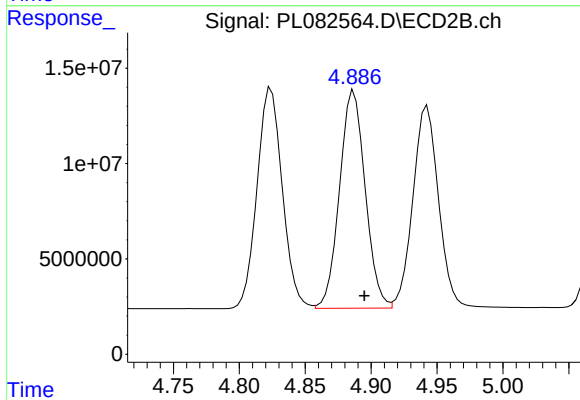
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 160726047
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

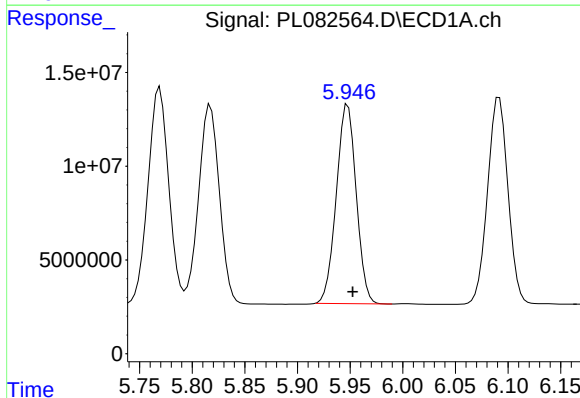
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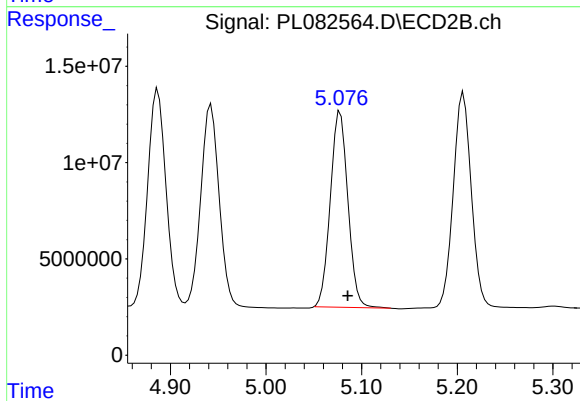
#11 alpha-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 154263537
Conc: 53.14 ng/ml



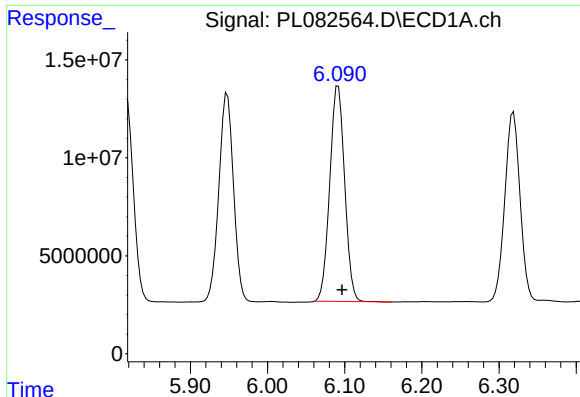
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 140120355
Conc: 55.12 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.008 min
Response: 129684741
Conc: 56.41 ng/ml



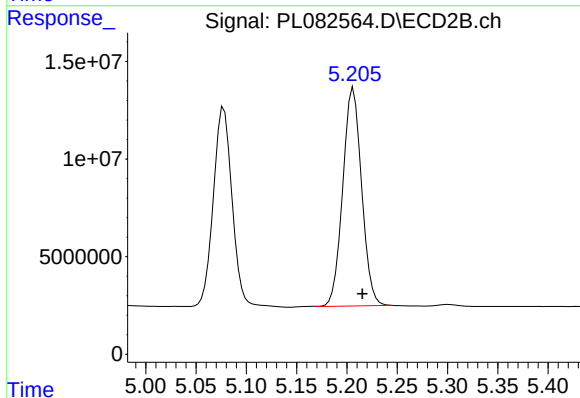
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 148029255
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

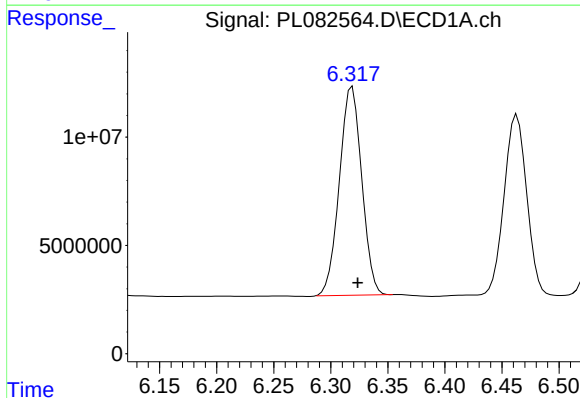
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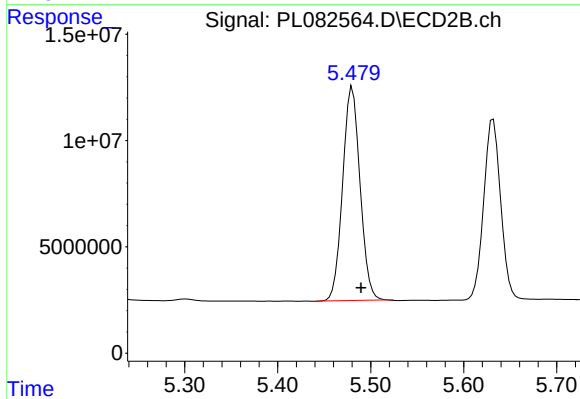
#13 Dieldrin

R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 145410680
Conc: 53.85 ng/ml m



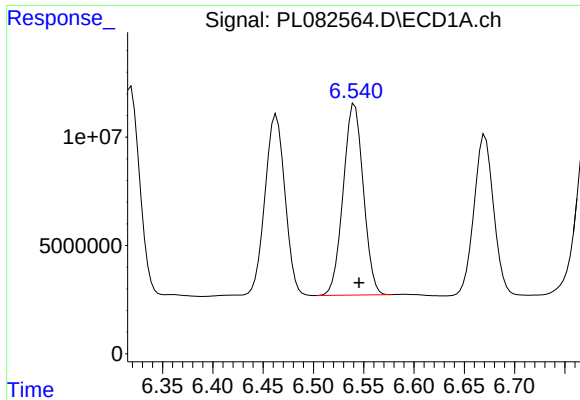
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 131402770
Conc: 54.20 ng/ml



#14 Endrin

R.T.: 5.479 min
Delta R.T.: -0.011 min
Response: 130492902
Conc: 53.35 ng/ml m



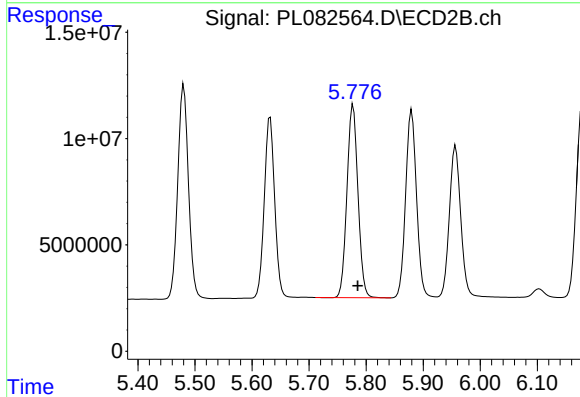
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 122591584
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

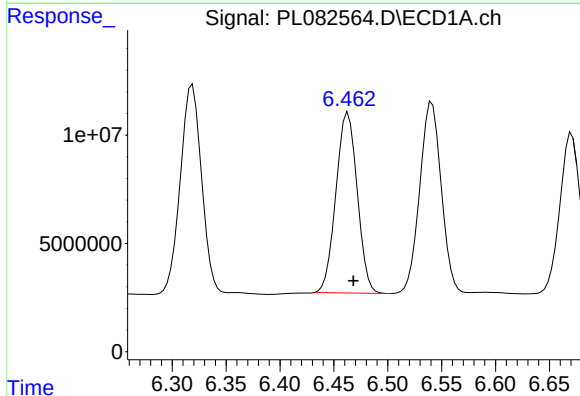
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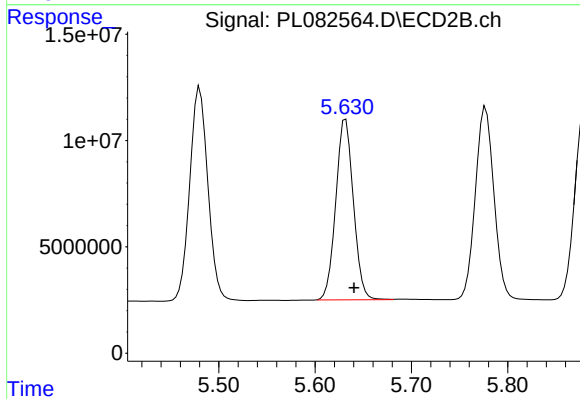
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 121978156
Conc: 54.11 ng/ml



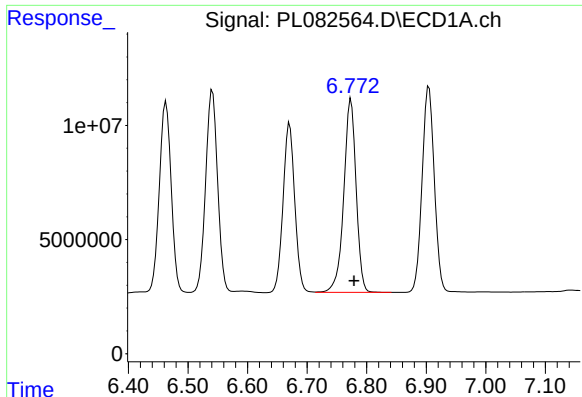
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 114539249
Conc: 56.50 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: -0.009 min
Response: 107772259
Conc: 57.62 ng/ml



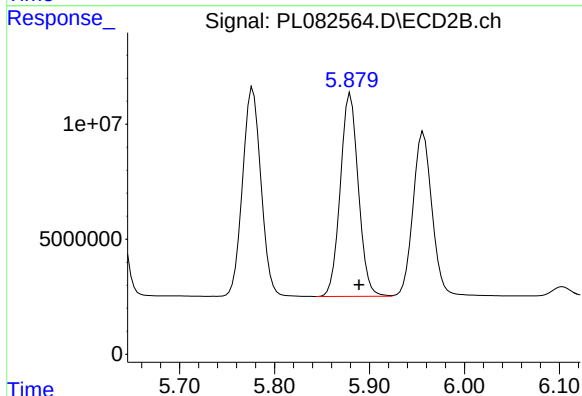
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 121797582
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

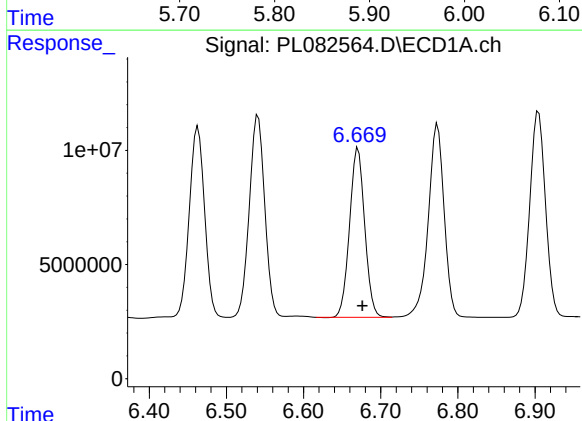
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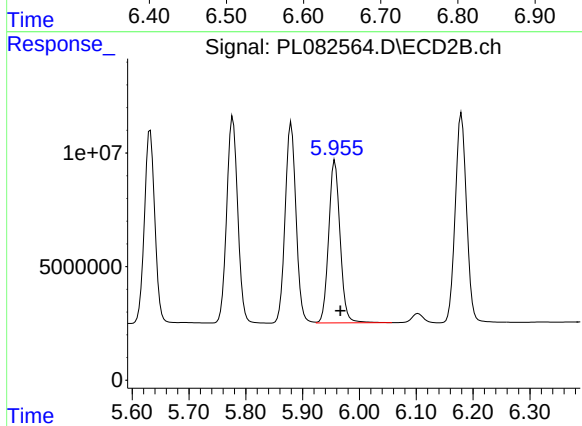
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.009 min
Response: 116903075
Conc: 55.34 ng/ml



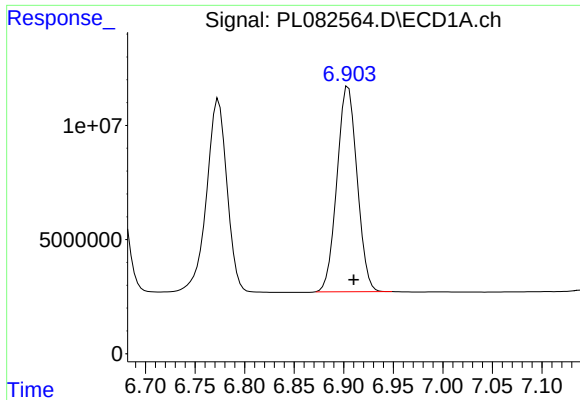
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 100767279
Conc: 53.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 99858506
Conc: 53.36 ng/ml



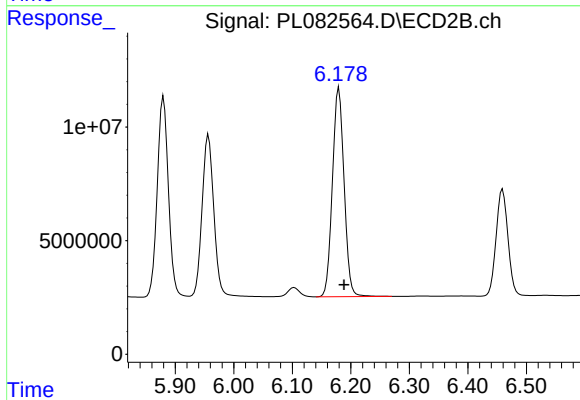
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.006 min
Response: 127281739
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

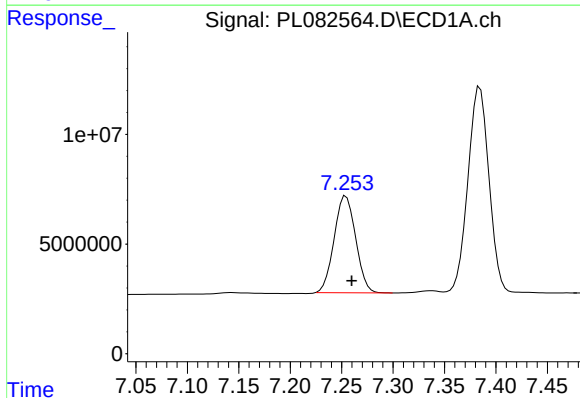
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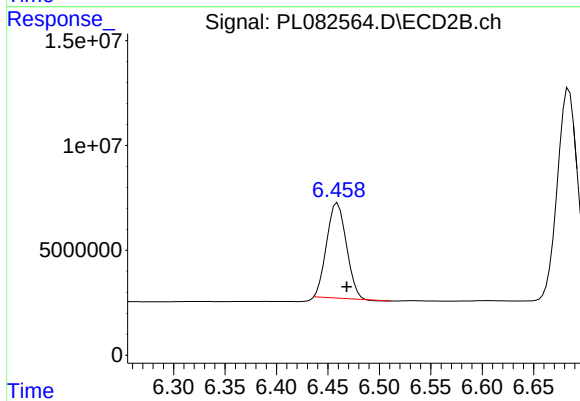
#19 Endosulfan Sulfate

R.T.: 6.180 min
Delta R.T.: -0.009 min
Response: 127298109
Conc: 54.07 ng/ml



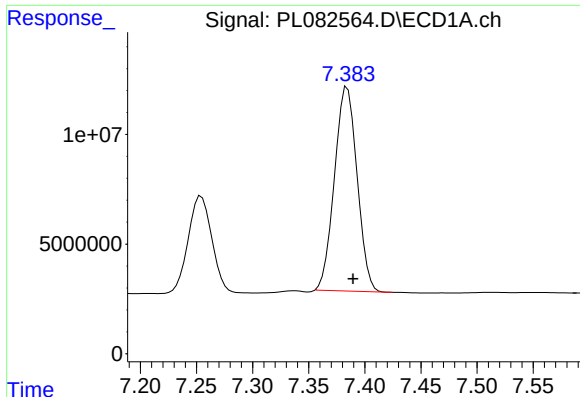
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.005 min
Response: 64256507
Conc: 52.65 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: -0.009 min
Response: 60397245
Conc: 49.84 ng/ml



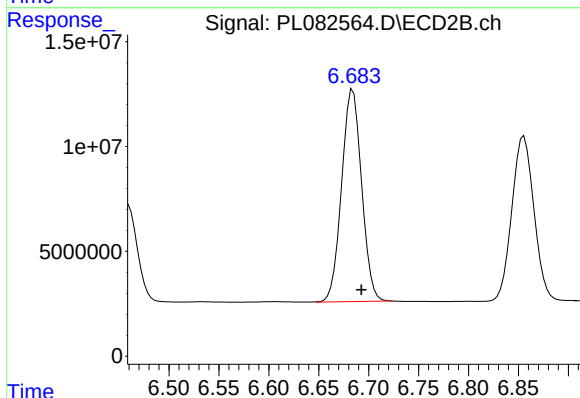
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 130530209
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

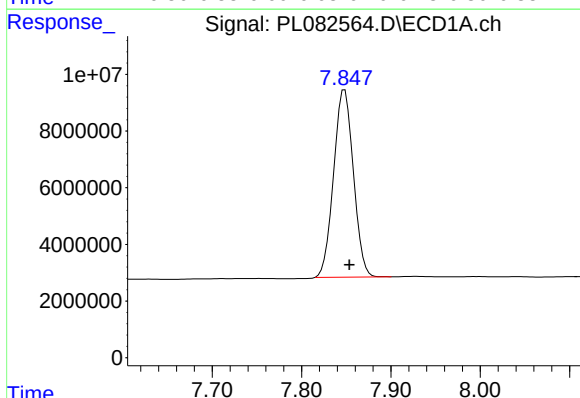
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/08/2023
Supervised By :Ankita Jodhani 05/08/2023



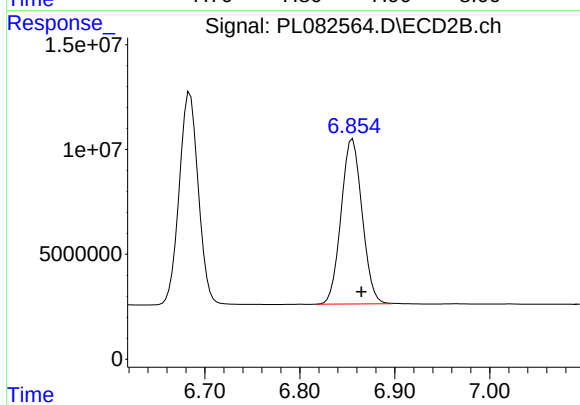
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: -0.010 min
Response: 141007571
Conc: 55.55 ng/ml m



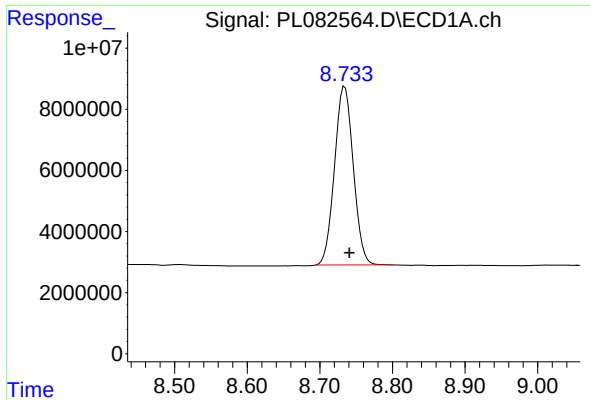
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.005 min
Response: 101866017
Conc: 52.07 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 120933912
Conc: 52.48 ng/ml m



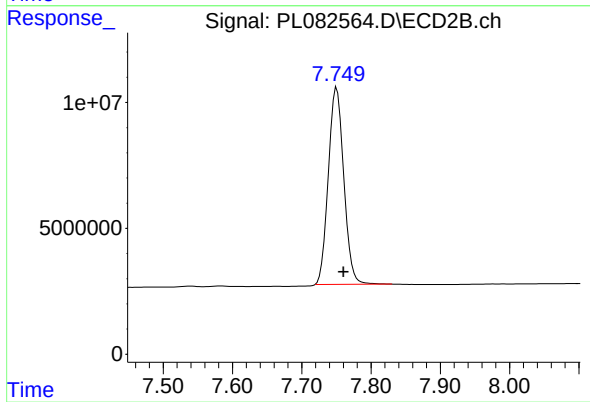
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.007 min
Response: 105087360
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.751 min
Delta R.T.: -0.009 min
Response: 121416486
Conc: 53.19 ng/ml