

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 15:47
 Operator : AR\AJ
 Sample : 02747-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-03-10-12-20230510MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/12/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:32:09 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...	3.320	2.641	46092682	40658062	17.255	17.550
28)	SA Decachlor...	8.736	7.750	36228861	40037445	18.977	17.541
Target Compounds							
2)	A alpha-BHC	3.769	3.138	177.8E6	151.5E6	44.679	44.514
3)	MA gamma-BHC...	4.097	3.465	174.1E6	148.3E6	46.570	46.128
4)	MA Heptachlor	4.676	3.796	160.7E6	140.6E6	43.970	41.085
5)	MB Aldrin	5.012	4.073	157.2E6	149.4E6	47.672	47.439
6)	B beta-BHC	4.301	3.764	75336376	67655118	44.173	49.586m
7)	B delta-BHC	4.542	3.991	166.0E6	140.6E6	46.143	45.841
8)	B Heptachlo...	5.438	4.574	143.6E6	133.0E6	47.068	46.161
9)	A Endosulfan I	5.819	4.941	130.0E6	122.8E6	46.898	46.018
10)	B gamma-Chl...	5.693	4.823	144.4E6	134.1E6	48.010	46.218
11)	B alpha-Chl...	5.771	4.886	141.7E6	134.5E6	47.462	46.329
12)	B 4,4'-DDE	5.949	5.075	125.0E6	115.0E6	49.174	50.031m
13)	MA Dieldrin	6.094	5.204	137.1E6	130.9E6	49.695	48.467m
14)	MA Endrin	6.321	5.478	111.9E6	110.5E6	46.162	45.164m
15)	B Endosulfa...	6.543	5.776	113.1E6	114.9E6	46.447	50.993
16)	A 4,4'-DDD	6.465	5.631	108.0E6	99055737	53.283	52.960
17)	MA 4,4'-DDT	6.776	5.879	101.1E6	96012482	44.191	45.448
18)	B Endrin al...	6.673	5.956	98549508	94737600	52.304	50.625
19)	B Endosulfa...	6.908	6.179	113.9E6	110.4E6	48.028	46.894
20)	A Methoxychlor	7.257	6.457	54029669	54380548	44.275	44.875m
21)	B Endrin ke...	7.387	6.681	125.0E6	130.0E6	52.188	51.217m
22)	Mirex	7.851	6.853	92078701	105.1E6	47.067	45.622m

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

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Data File : PL082653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 15:47
Operator : AR\AJ
Sample : 02747-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

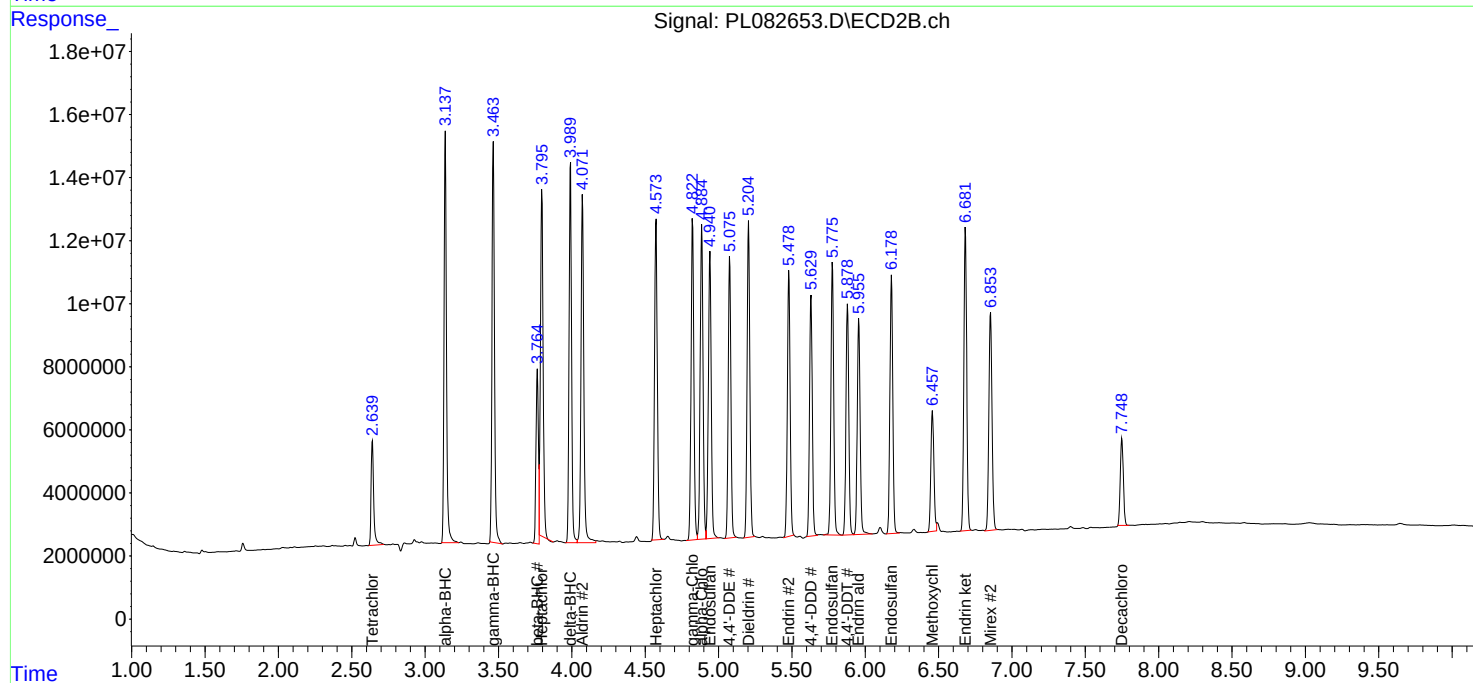
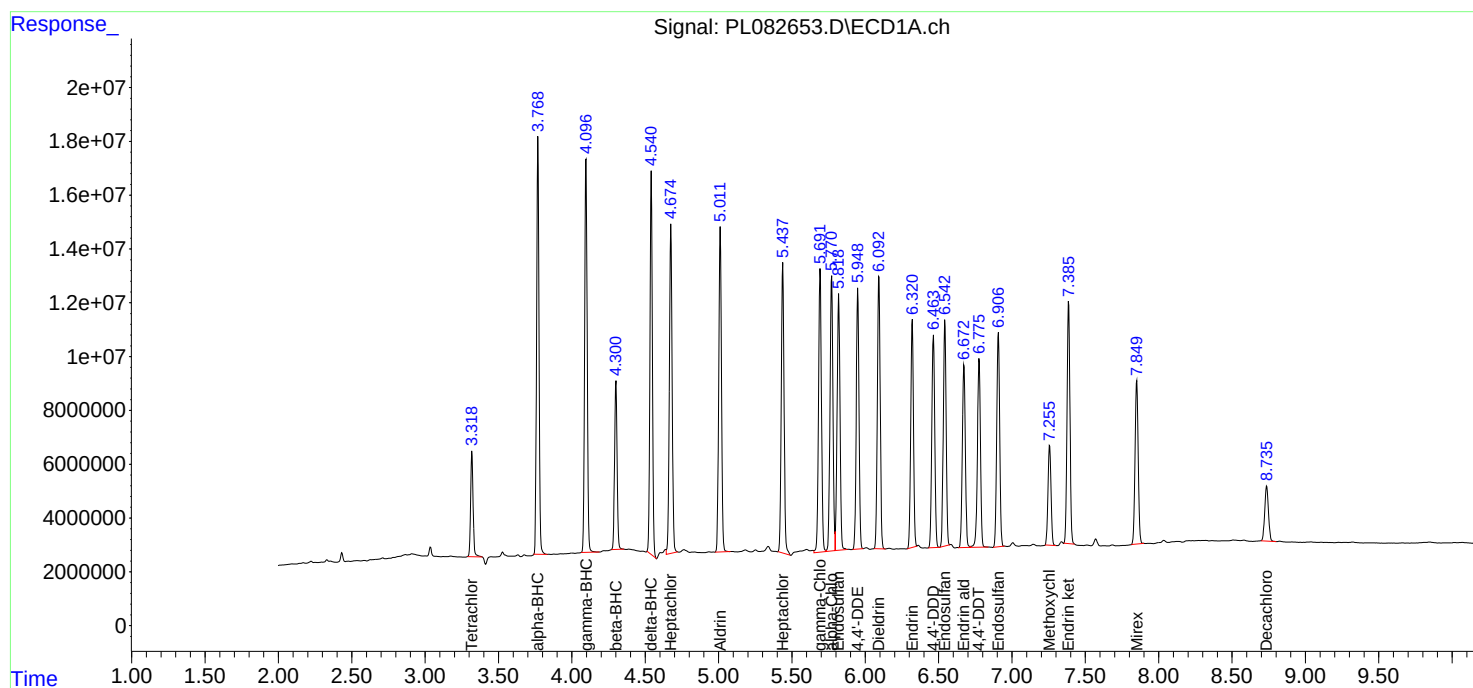
Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

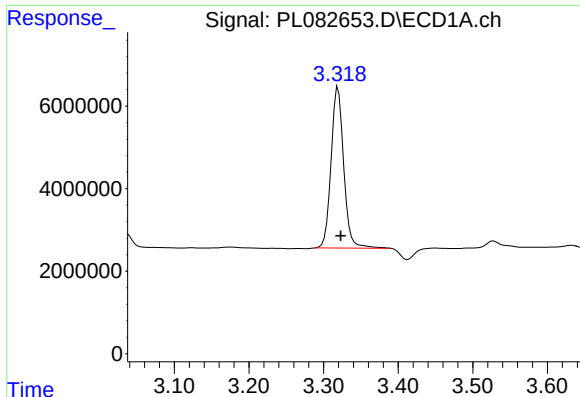
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:32:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





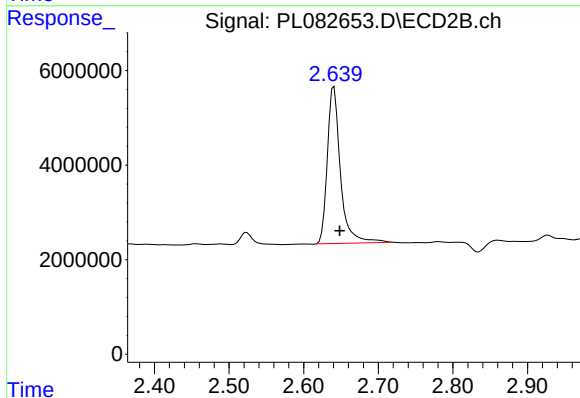
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 46092682
Conc: 17.26 ng/ml

Instrument :
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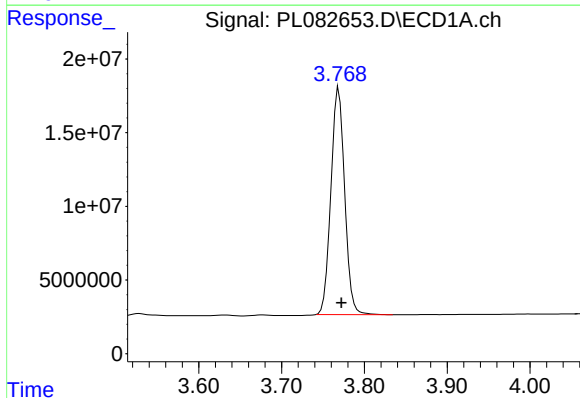
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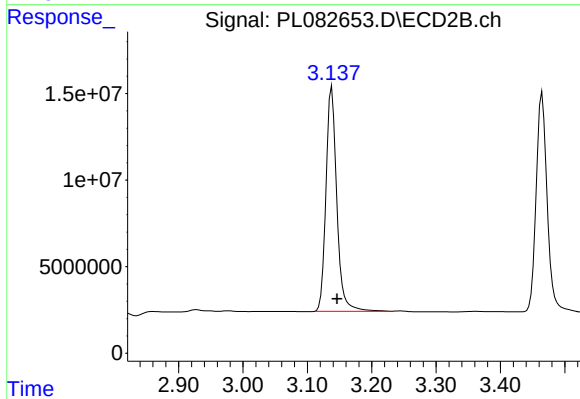
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.008 min
Response: 40658062
Conc: 17.55 ng/ml



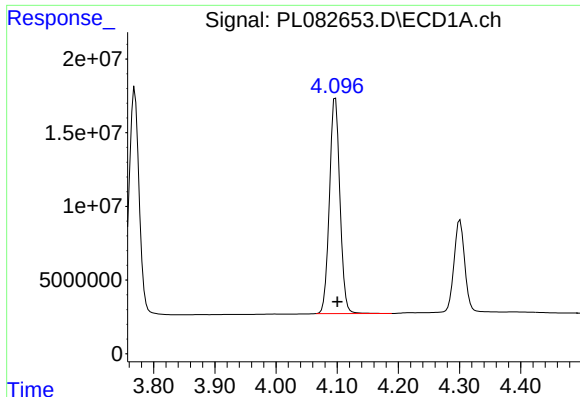
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 177834163
Conc: 44.68 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 151503401
Conc: 44.51 ng/ml



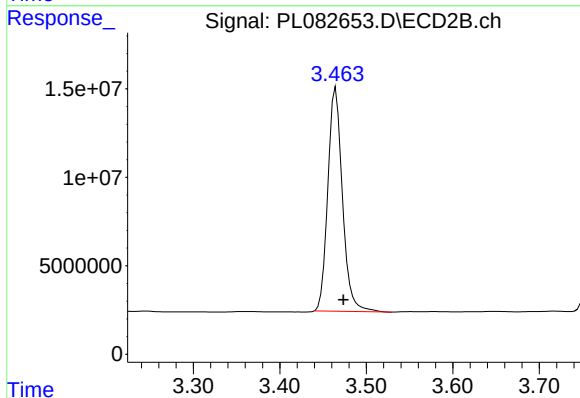
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 174122930
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

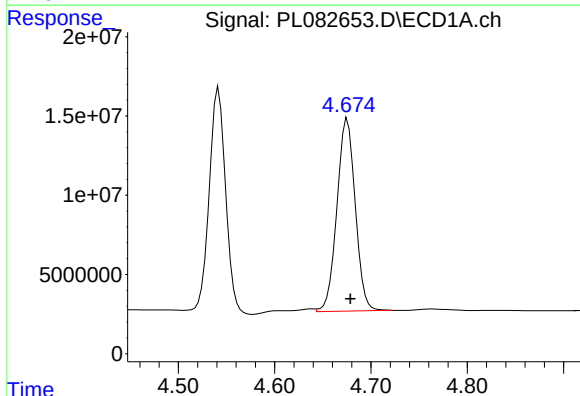
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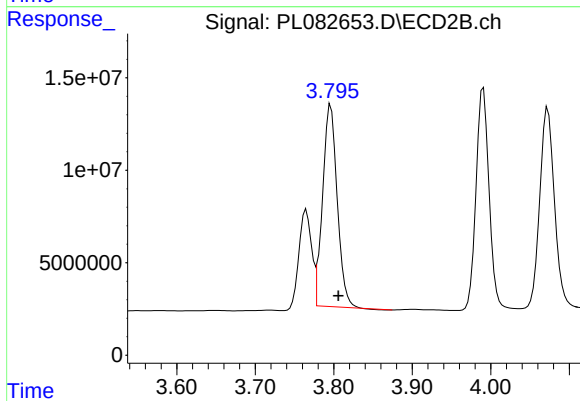
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 148315509
Conc: 46.13 ng/ml



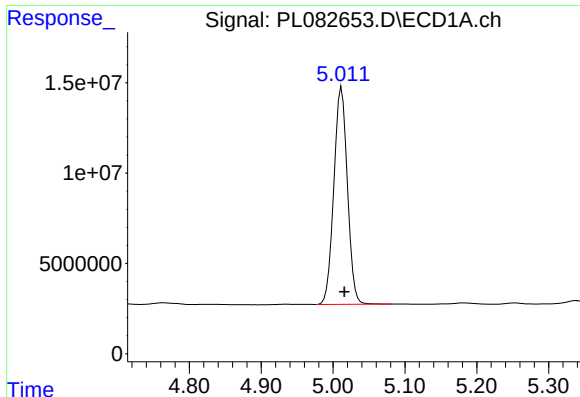
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 160662200
Conc: 43.97 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 140645603
Conc: 41.09 ng/ml



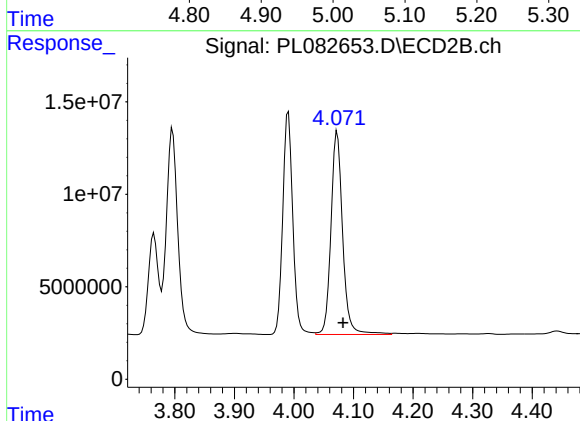
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 157201804
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

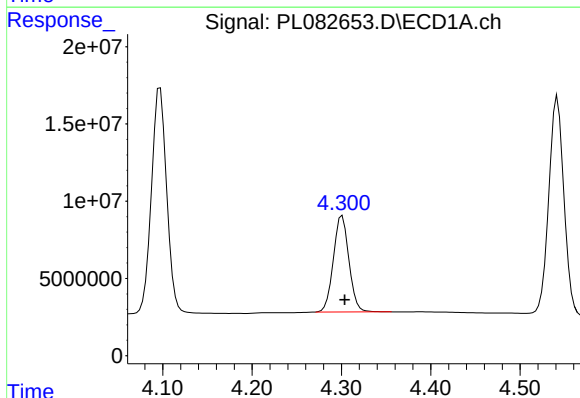
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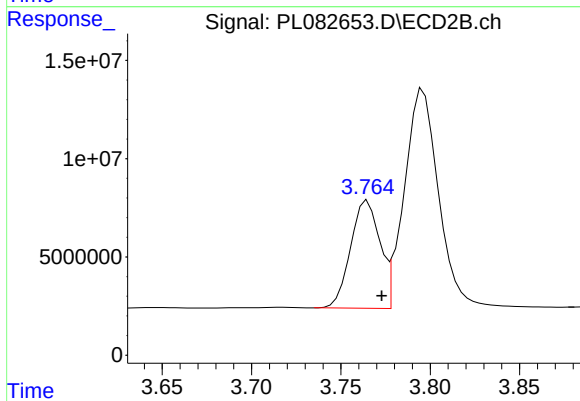
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 149425536
Conc: 47.44 ng/ml



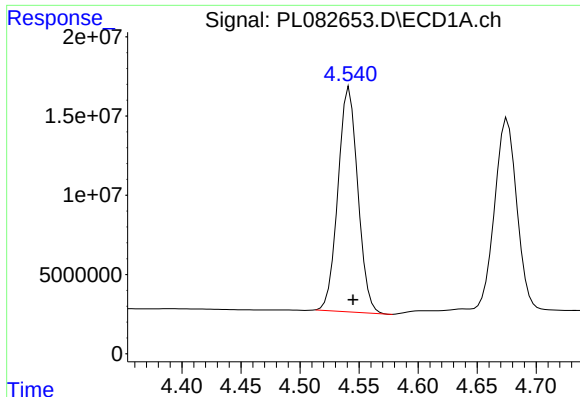
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 75336376
Conc: 44.17 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 67655118
Conc: 49.59 ng/ml m



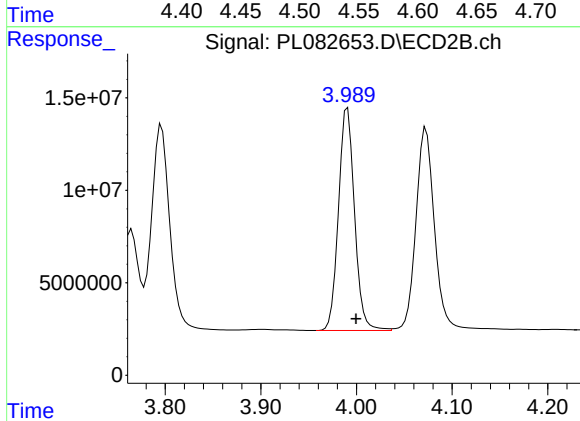
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 166010485
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

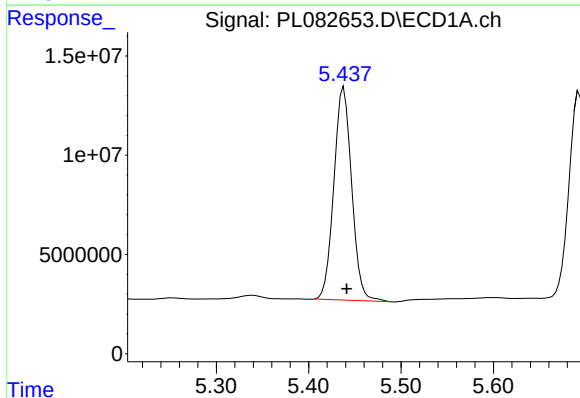
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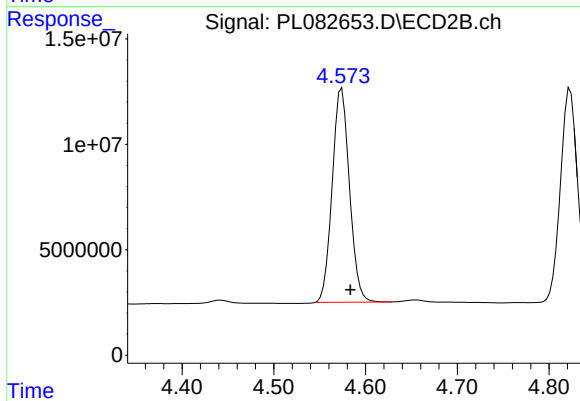
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 140612491
Conc: 45.84 ng/ml



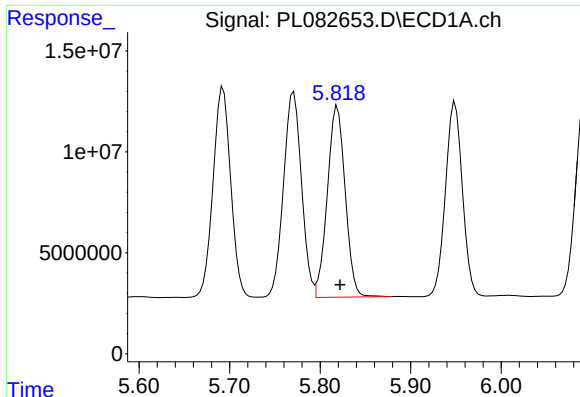
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 143573227
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 132984946
Conc: 46.16 ng/ml



#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 130035158
Conc: 46.90 ng/ml

Instrument :

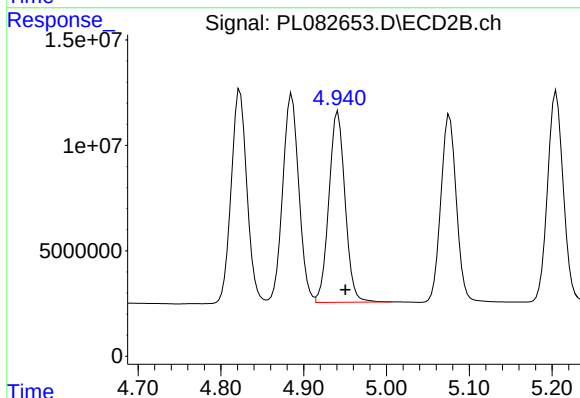
ECD_L

ClientSampleId :

SB-03-10-12-20230510MSD

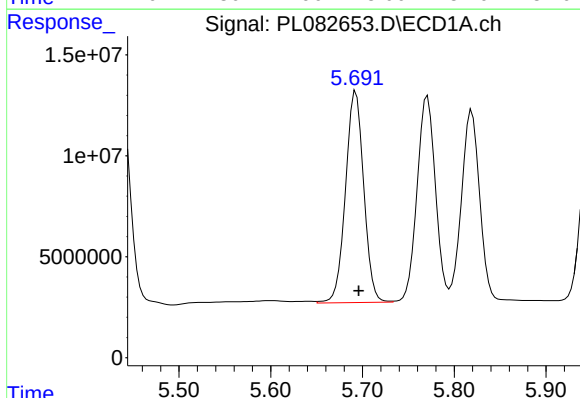
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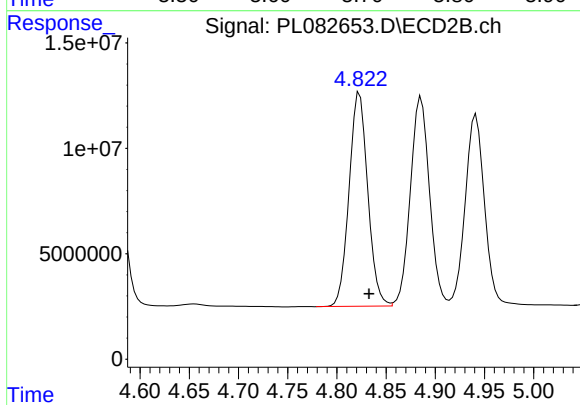
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.009 min
Response: 122842542
Conc: 46.02 ng/ml



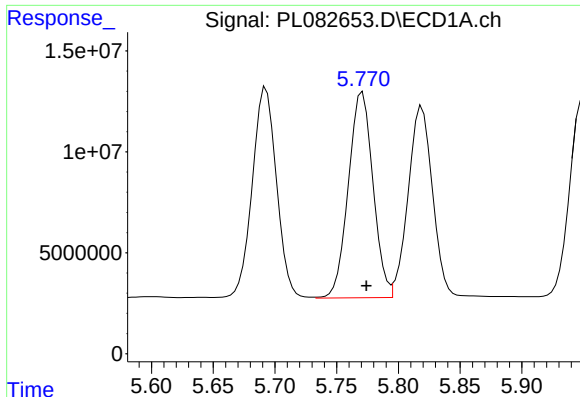
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 144360855
Conc: 48.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 134118617
Conc: 46.22 ng/ml



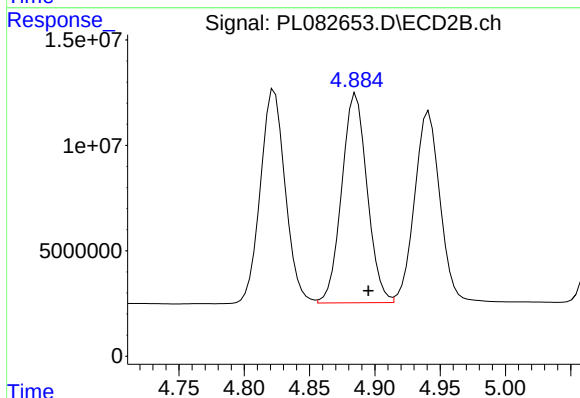
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 141656425
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

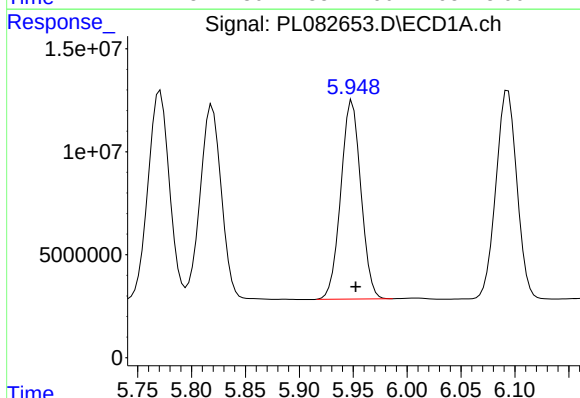
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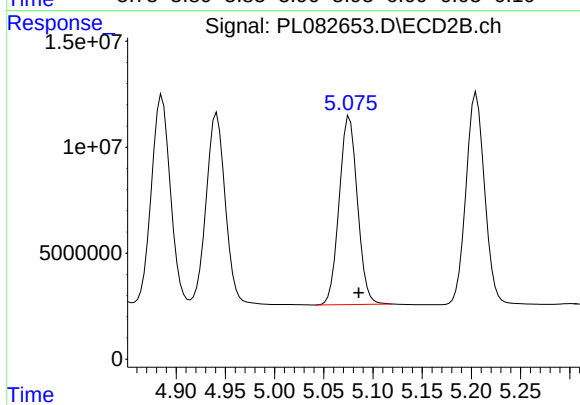
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 134485895
Conc: 46.33 ng/ml



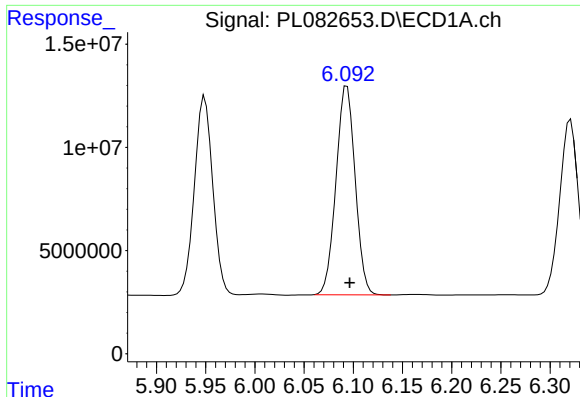
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 125002586
Conc: 49.17 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 115020464
Conc: 50.03 ng/ml m



#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 137115730
Conc: 49.70 ng/ml

Instrument :

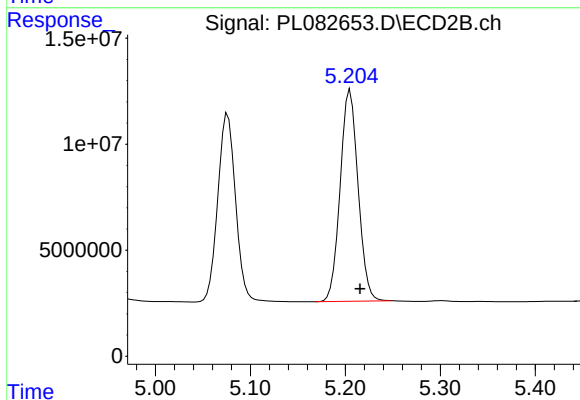
ECD_L

ClientSampleId :

SB-03-10-12-20230510MSD

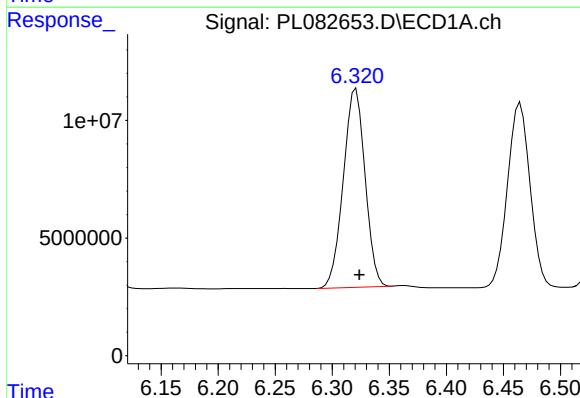
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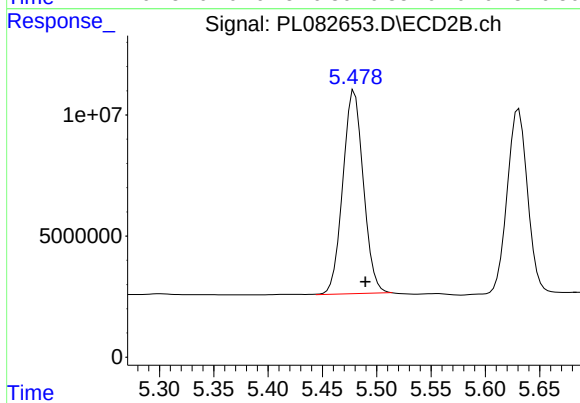
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.012 min
Response: 130878707
Conc: 48.47 ng/ml m



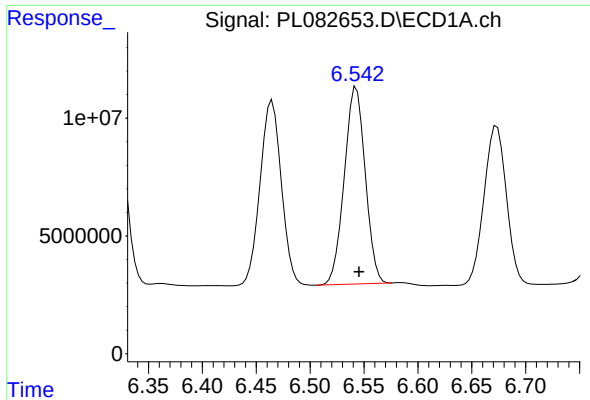
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 111921295
Conc: 46.16 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.011 min
Response: 110468515
Conc: 45.16 ng/ml m



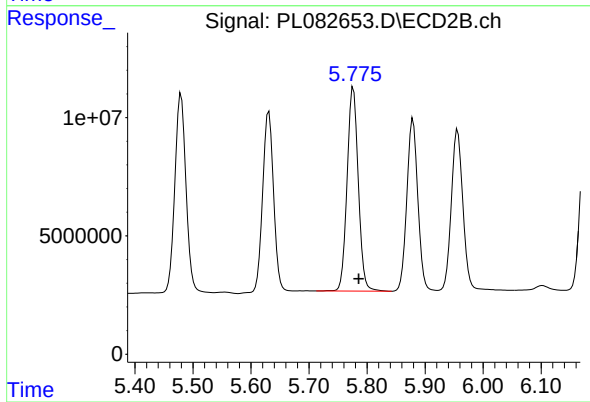
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 113077702
Conc: 46.45 ng/ml

Instrument :
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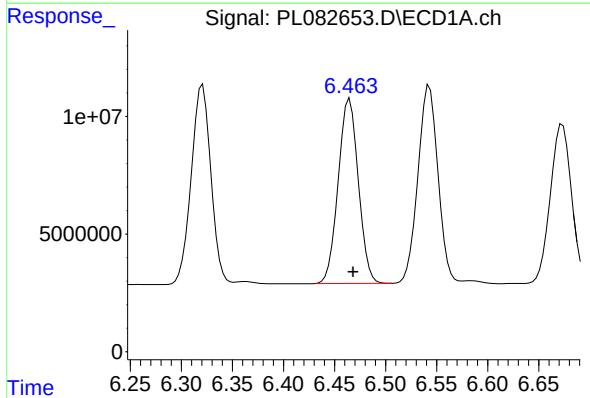
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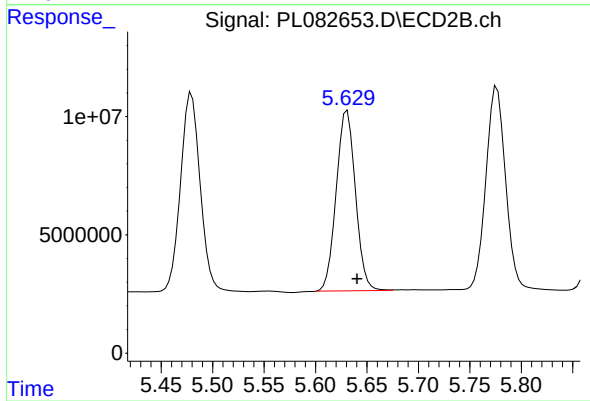
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.009 min
Response: 114943946
Conc: 50.99 ng/ml



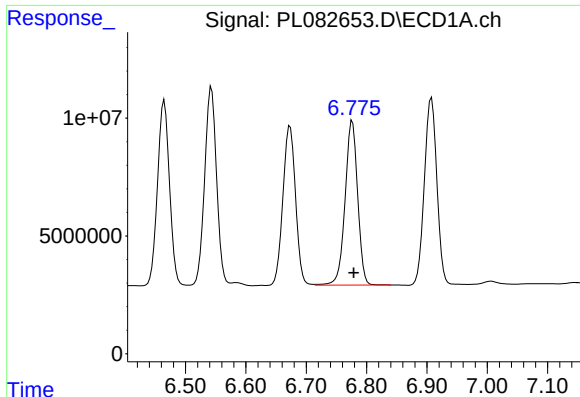
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 108014938
Conc: 53.28 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.010 min
Response: 99055737
Conc: 52.96 ng/ml



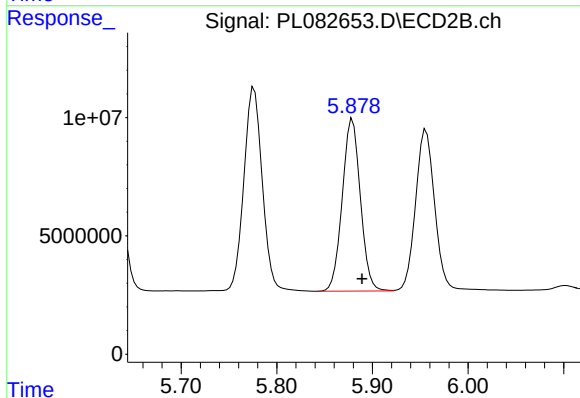
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 101097185
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

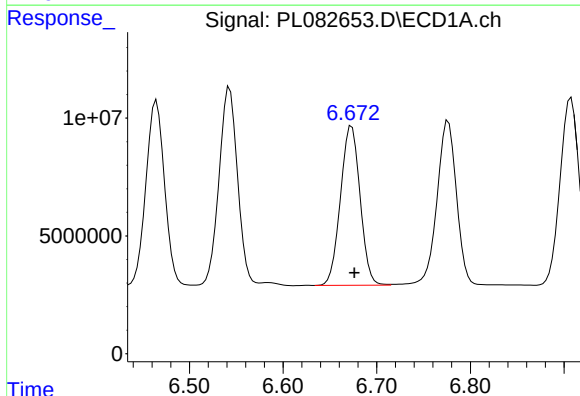
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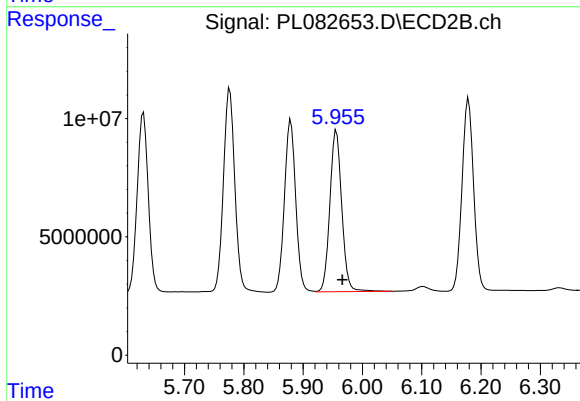
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 96012482
Conc: 45.45 ng/ml



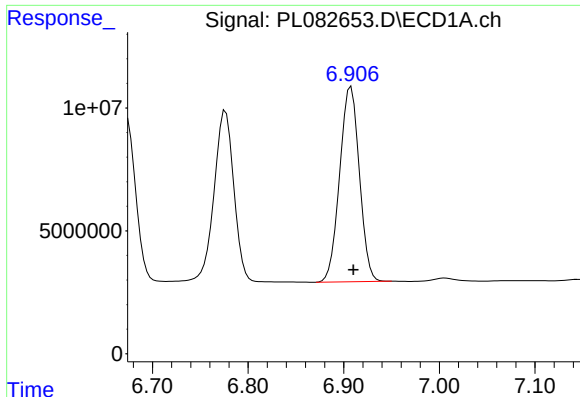
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 98549508
Conc: 52.30 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 94737600
Conc: 50.62 ng/ml



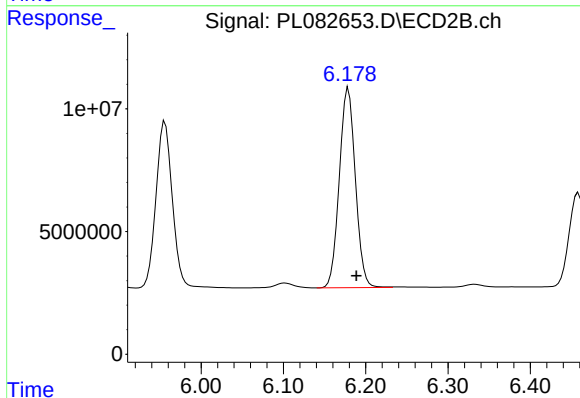
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.003 min
Response: 113899558
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
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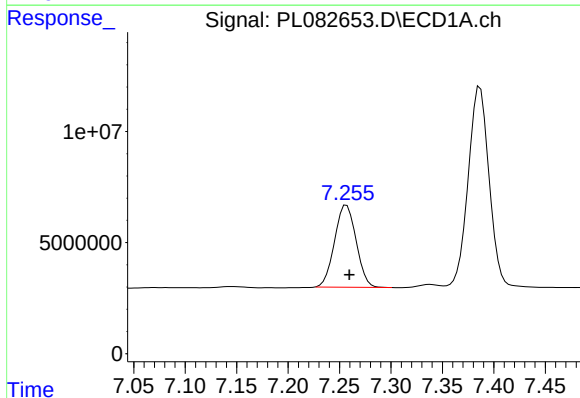
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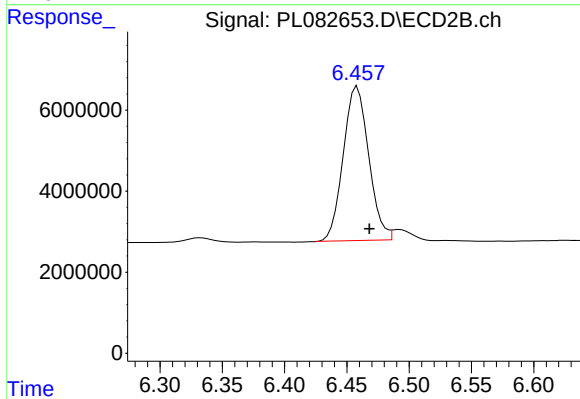
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 110401853
Conc: 46.89 ng/ml



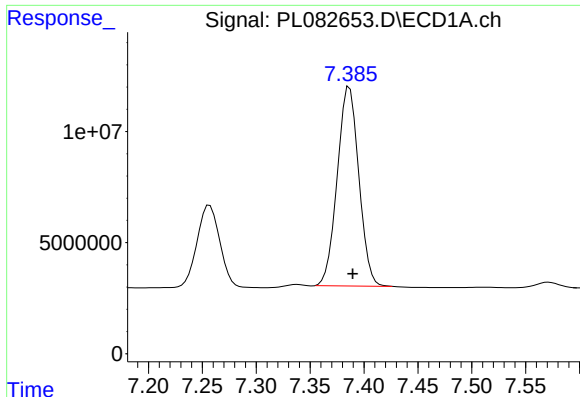
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 54029669
Conc: 44.27 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 54380548
Conc: 44.87 ng/ml m



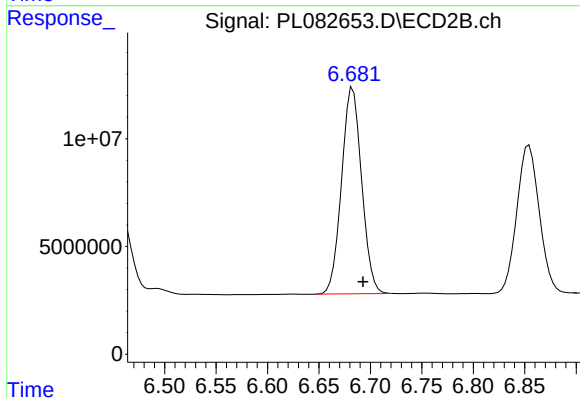
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 124959742
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

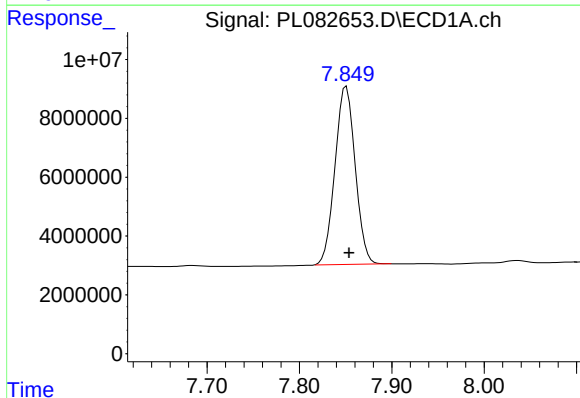
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



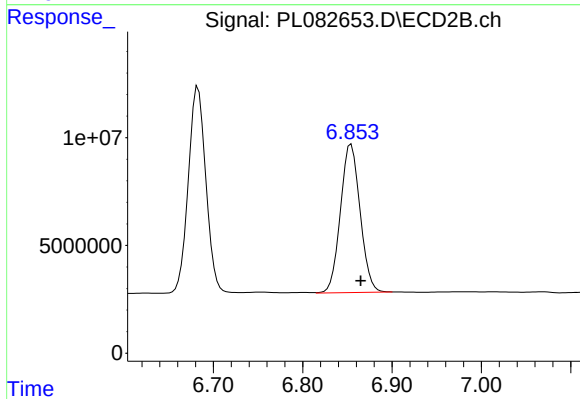
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.011 min
Response: 129997418
Conc: 51.22 ng/ml m



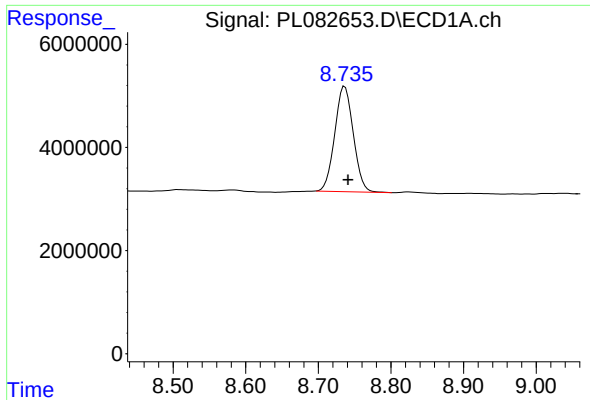
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 92078701
Conc: 47.07 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 105124945
Conc: 45.62 ng/ml m



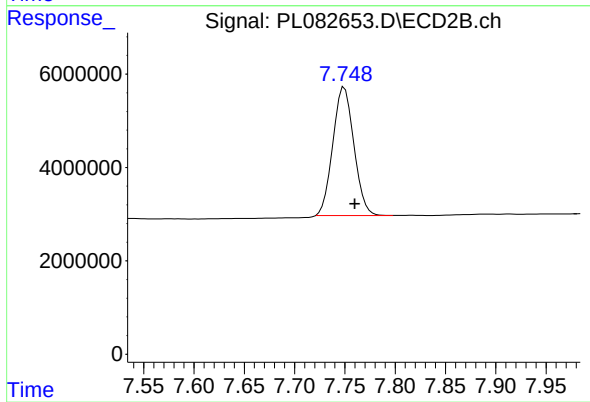
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 36228861
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-03-10-12-20230510MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 40037445
Conc: 17.54 ng/ml