

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 13:10
 Operator : AR\AJ
 Sample : PB152720BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152720BS

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 21:21:59 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...	3.321	2.642	55503810	46041398	20.779	19.873
28)	SA Decachlor...	8.742	7.753	45223134	50374284	23.688	22.070
Target Compounds							
2)	A alpha-BHC	3.770	3.140	194.9E6	157.3E6	48.966	46.214
3)	MA gamma-BHC...	4.099	3.466	184.5E6	149.8E6	49.336	46.603
4)	MA Heptachlor	4.677	3.798	178.1E6	152.7E6	48.746	44.607
5)	MB Aldrin	5.014	4.075	165.7E6	148.9E6	50.262	47.273
6)	B beta-BHC	4.302	3.767	81414577	61530000	47.736	45.097
7)	B delta-BHC	4.544	3.993	187.2E6	148.5E6	52.039	48.427
8)	B Heptachlo...	5.441	4.576	155.6E6	138.7E6	51.003	48.150
9)	A Endosulfan I	5.821	4.943	141.5E6	129.7E6	51.040	48.594
10)	B gamma-Chl...	5.694	4.825	155.4E6	141.0E6	51.674m	48.602
11)	B alpha-Chl...	5.773	4.888	154.0E6	140.5E6	51.588	48.414
12)	B 4,4'-DDE	5.952	5.078	136.4E6	118.3E6	53.657	51.436
13)	MA Dieldrin	6.096	5.208	146.3E6	132.4E6	53.022	49.019
14)	MA Endrin	6.323	5.482	121.0E6	111.8E6	49.903	45.703
15)	B Endosulfa...	6.545	5.779	120.8E6	115.3E6	49.629	51.143
16)	A 4,4'-DDD	6.467	5.633	115.3E6	103.5E6	56.877	55.318
17)	MA 4,4'-DDT	6.779	5.881	110.0E6	99519246	48.099	47.108
18)	B Endrin al...	6.676	5.959	99925253	93624085	53.034	50.029
19)	B Endosulfa...	6.910	6.181	122.5E6	117.4E6	51.654	49.879
20)	A Methoxychlor	7.259	6.461	58477647	54783906	47.919	45.207
21)	B Endrin ke...	7.390	6.685	130.3E6	132.5E6	54.418	52.192m
22)	Mirex	7.854	6.857	95018412	105.9E6	48.570	45.970m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 13:10
Operator : AR\AJ
Sample : PB152720BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152720BS

Manual Integrations

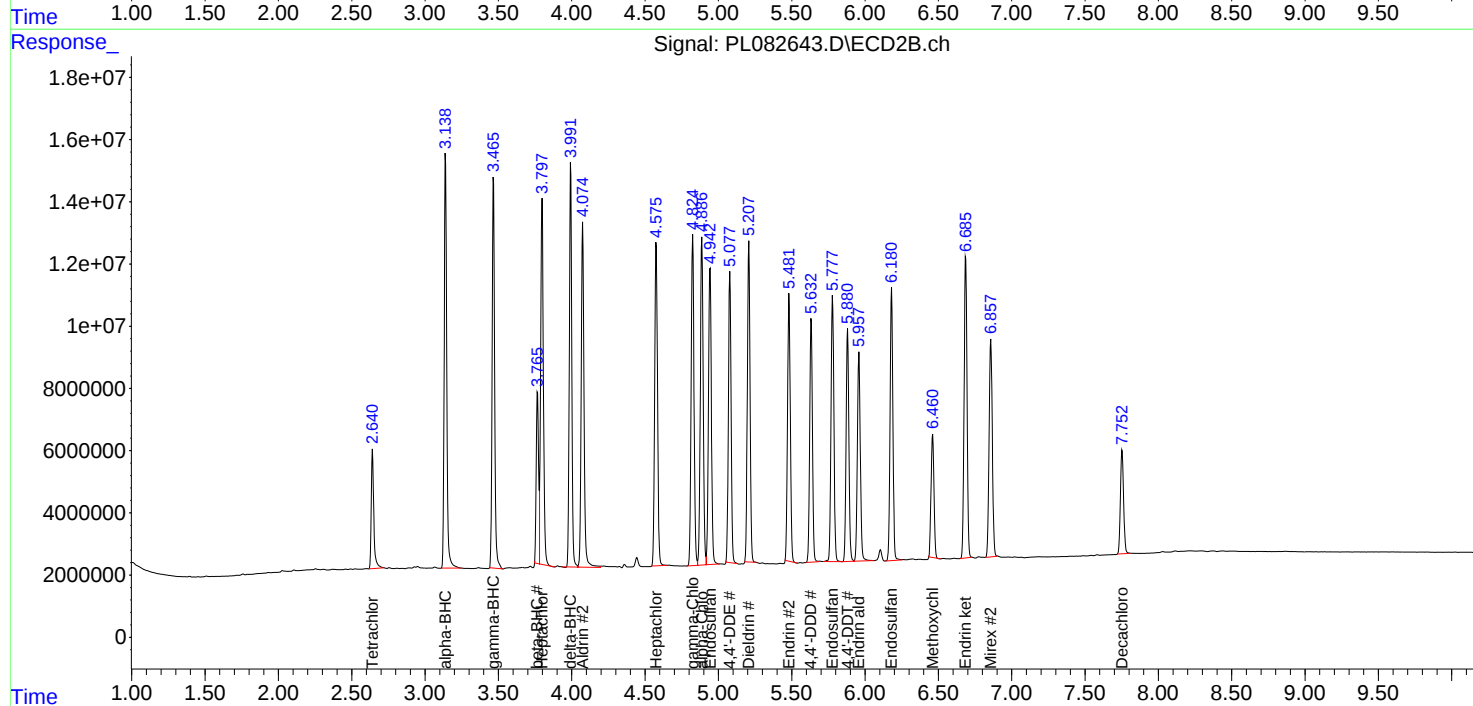
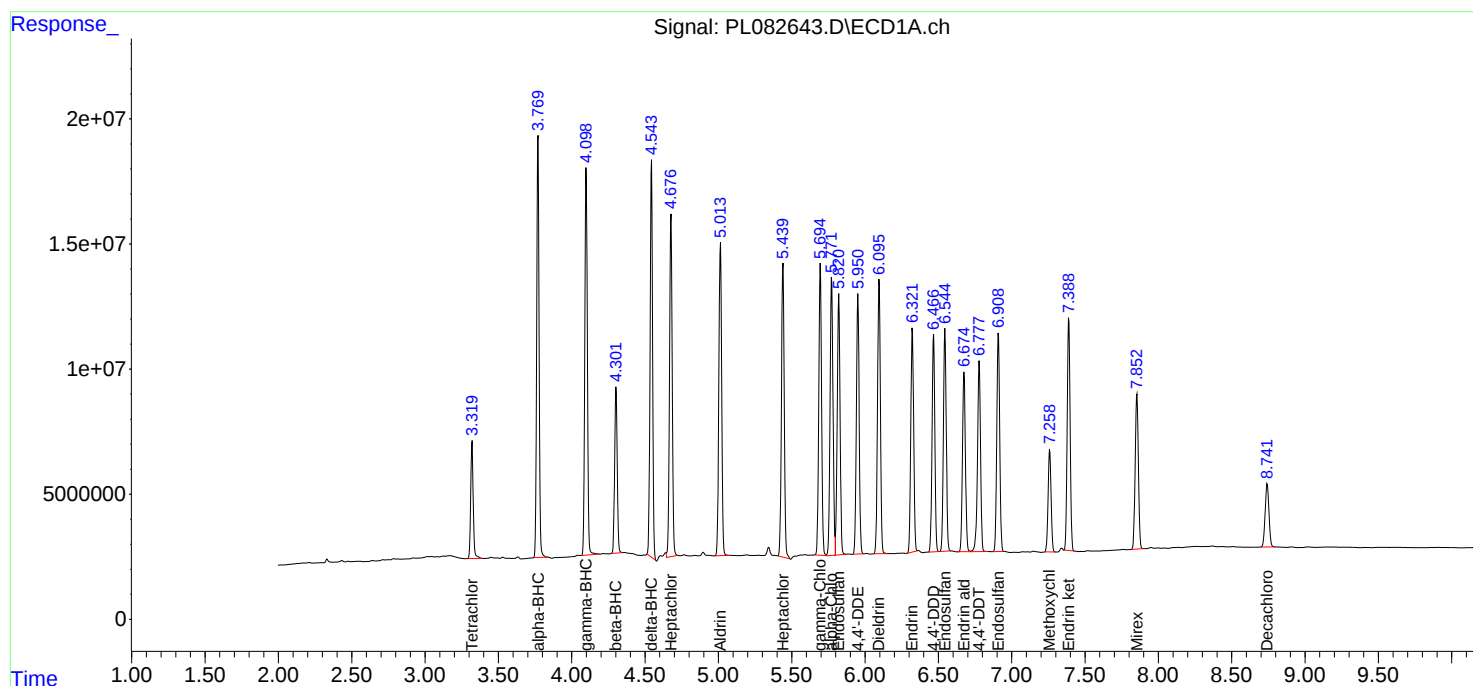
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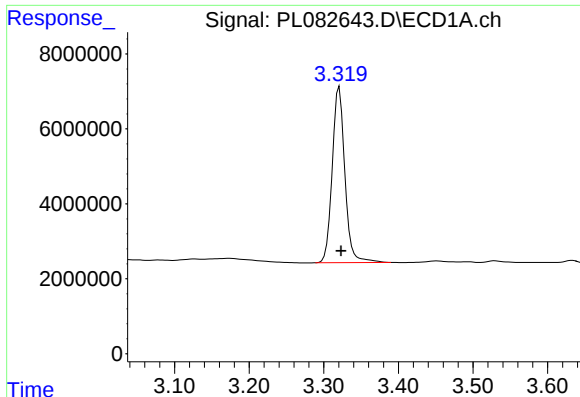
Reviewed By :Abdul Mirza 05/12/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:21:59 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





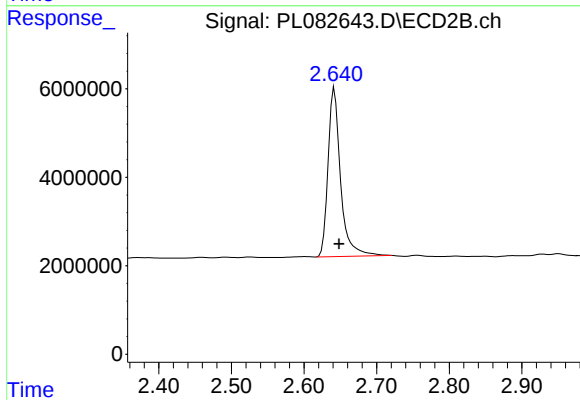
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 55503810
Conc: 20.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

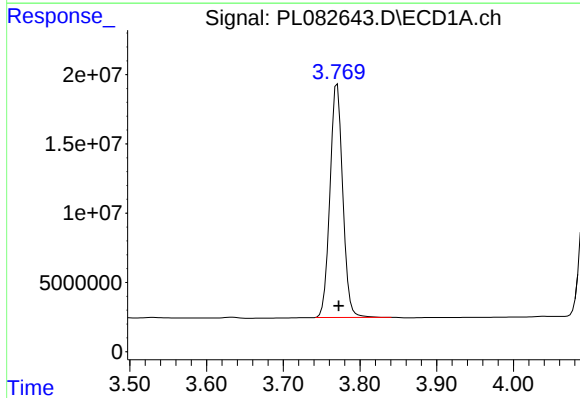
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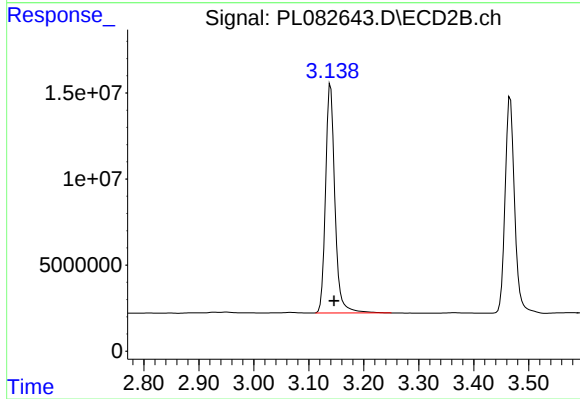
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 46041398
Conc: 19.87 ng/ml



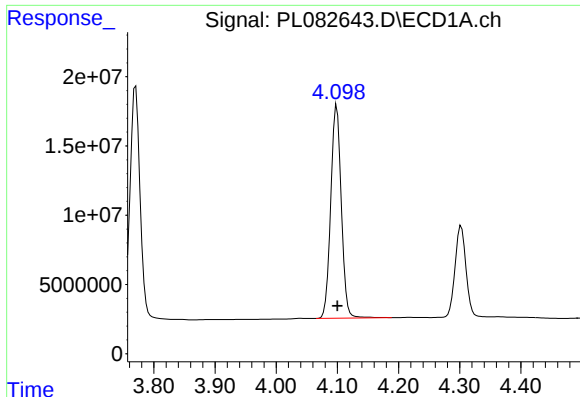
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 194897339
Conc: 48.97 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.007 min
Response: 157288529
Conc: 46.21 ng/ml



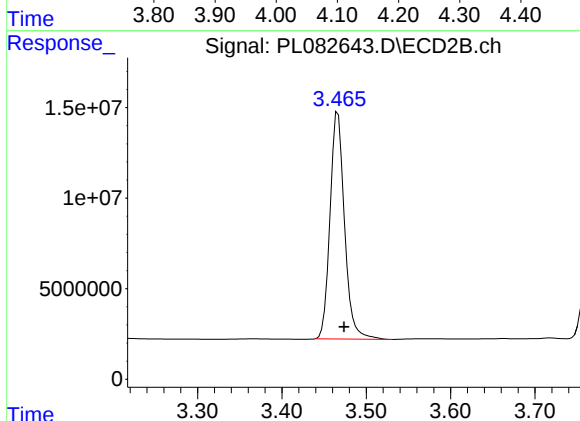
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 184465754
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

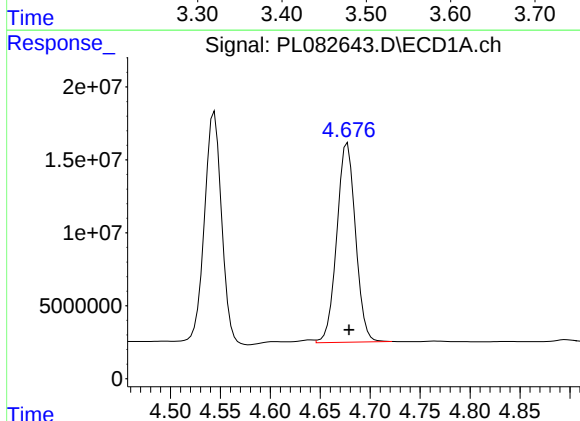
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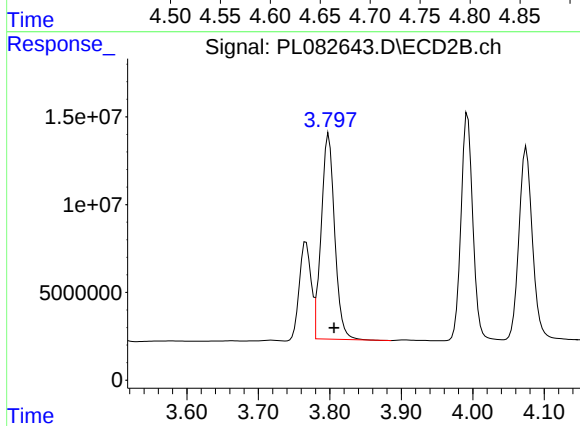
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 149842535
Conc: 46.60 ng/ml



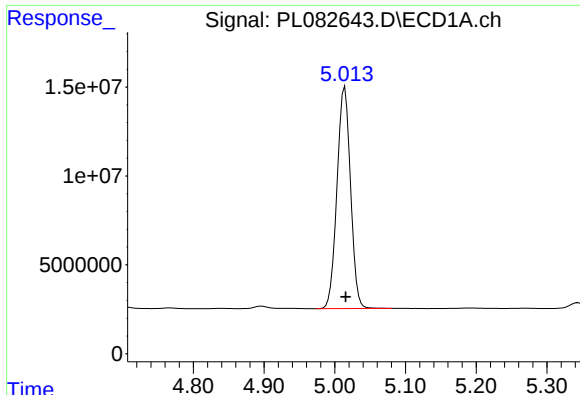
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.001 min
Response: 178115792
Conc: 48.75 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 152700456
Conc: 44.61 ng/ml



#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.001 min
Response: 165742679
Conc: 50.26 ng/ml

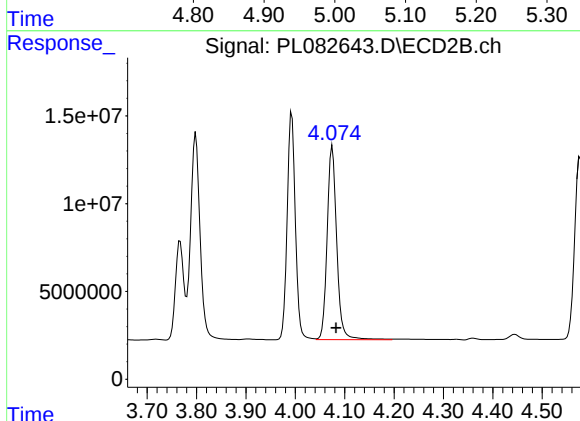
Instrument :

ECD_L

ClientSampleId :
PB152720BS

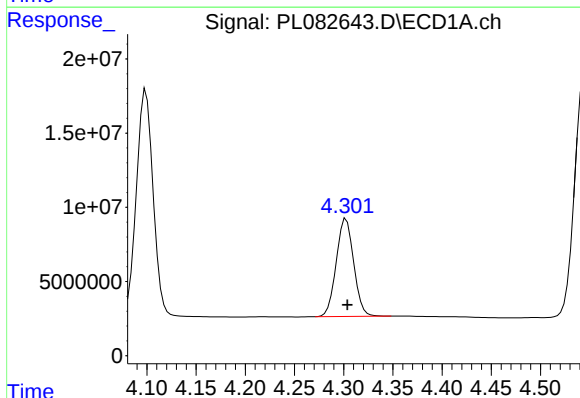
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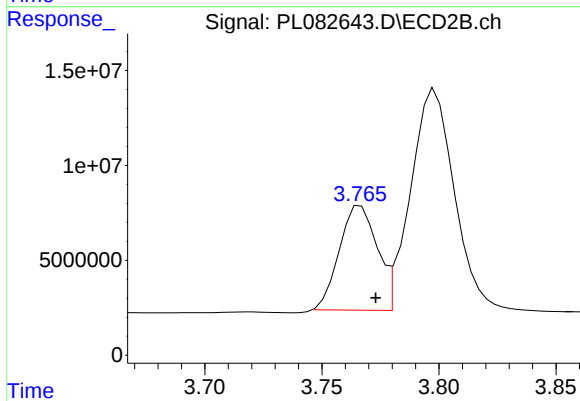
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.007 min
Response: 148902999
Conc: 47.27 ng/ml



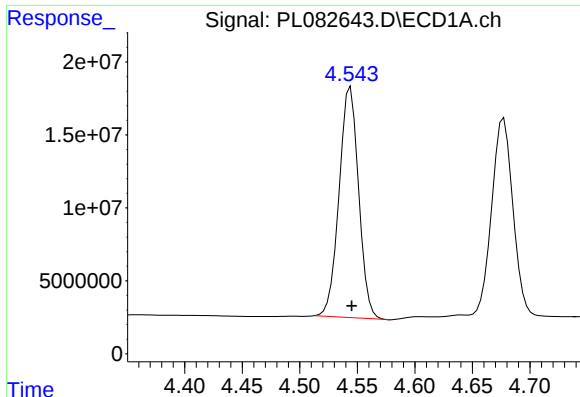
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 81414577
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 61530000
Conc: 45.10 ng/ml



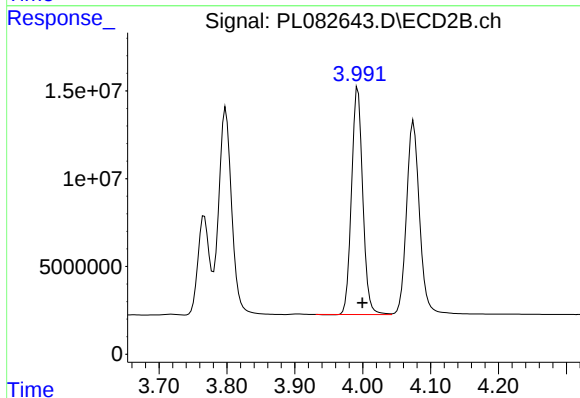
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 187224890
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

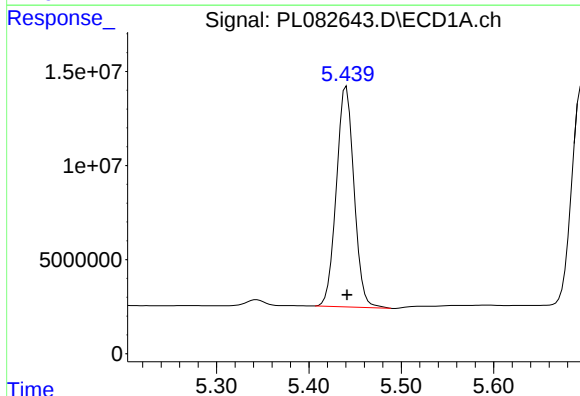
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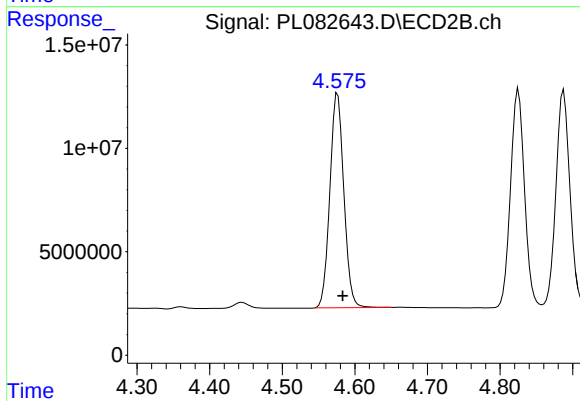
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 148545388
Conc: 48.43 ng/ml



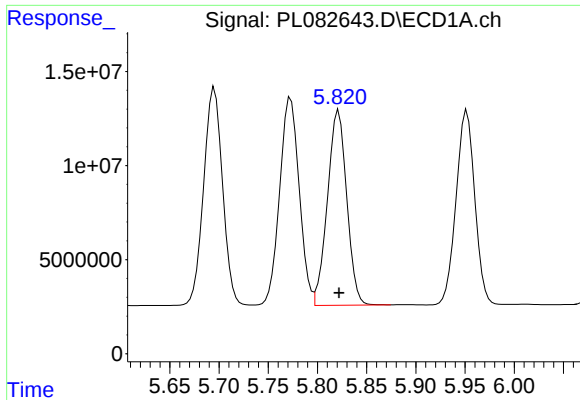
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 155577833
Conc: 51.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 138714951
Conc: 48.15 ng/ml



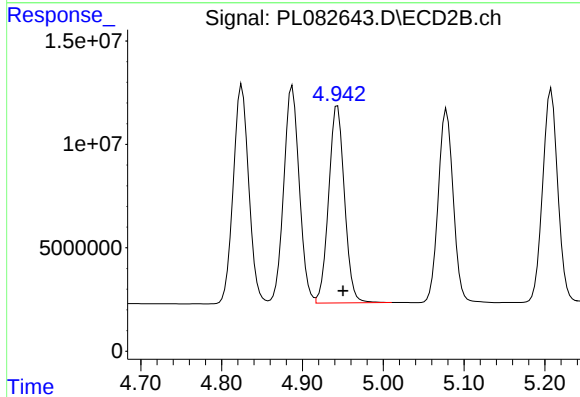
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 141520395
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

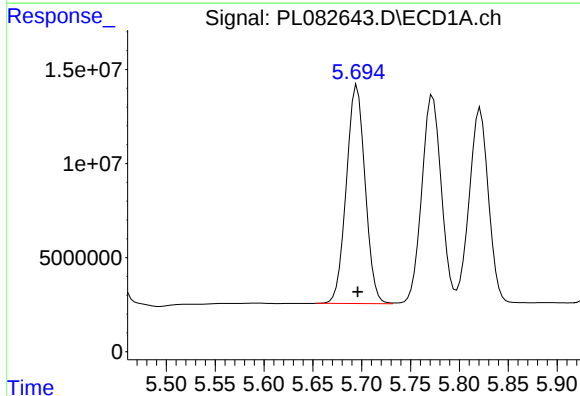
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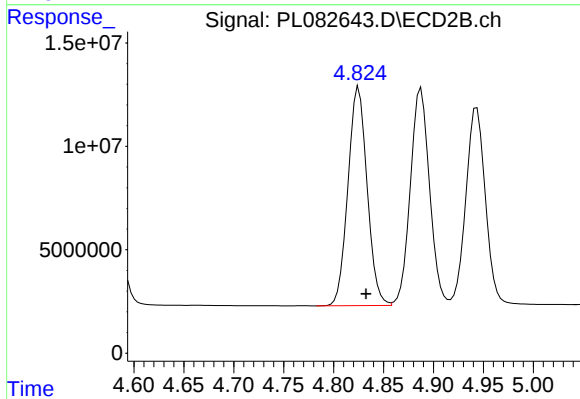
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.007 min
Response: 129717757
Conc: 48.59 ng/ml



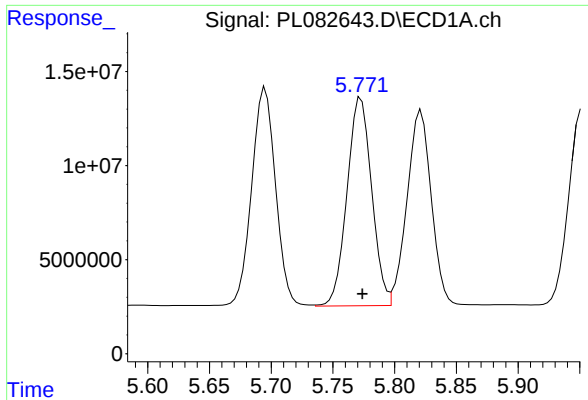
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 155378180
Conc: 51.67 ng/ml m



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 141034675
Conc: 48.60 ng/ml



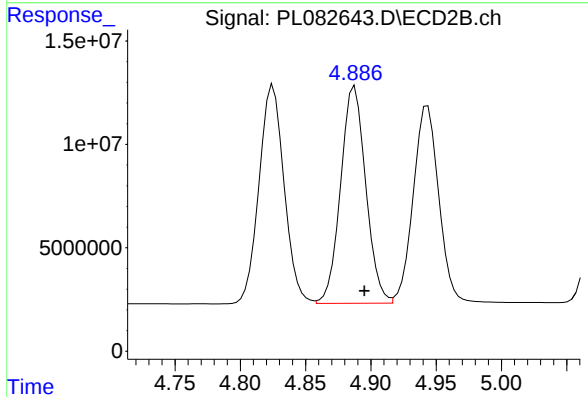
#11 alpha-Chlordane

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 153970944
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

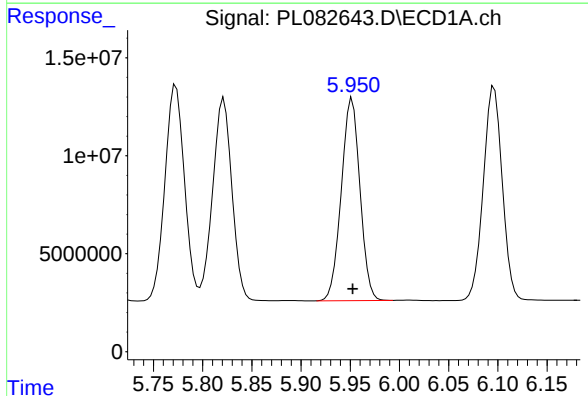
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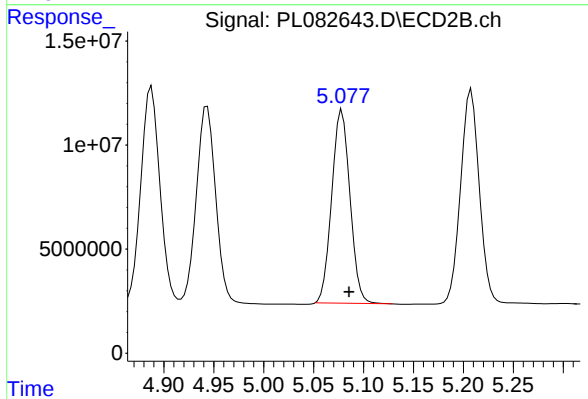
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 140537547
Conc: 48.41 ng/ml



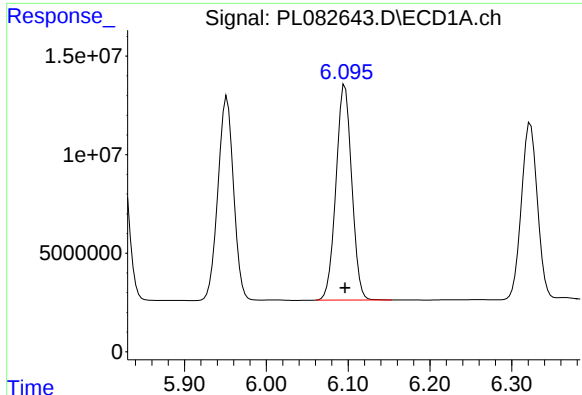
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 136397679
Conc: 53.66 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 118250185
Conc: 51.44 ng/ml



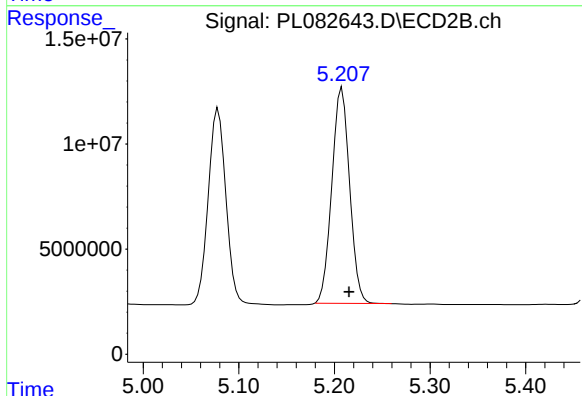
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 146293483
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

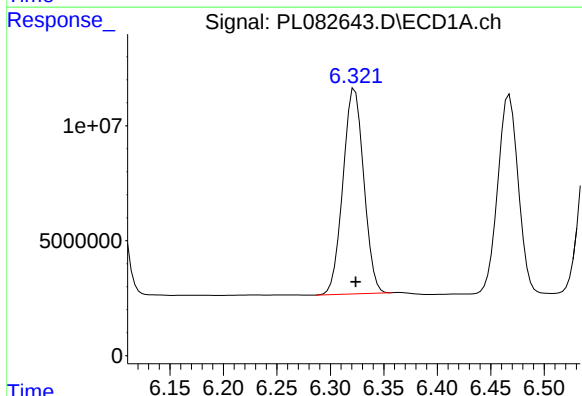
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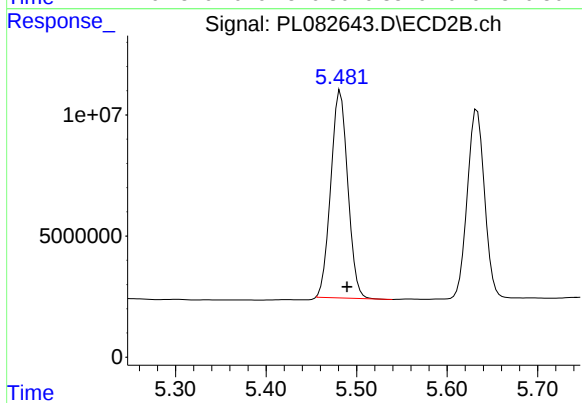
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 132369794
Conc: 49.02 ng/ml



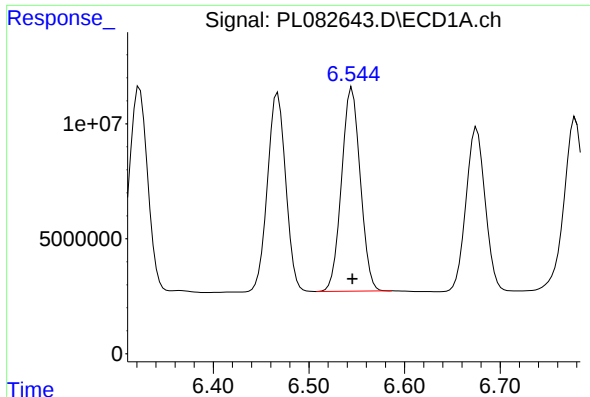
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 120993173
Conc: 49.90 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 111788584
Conc: 45.70 ng/ml



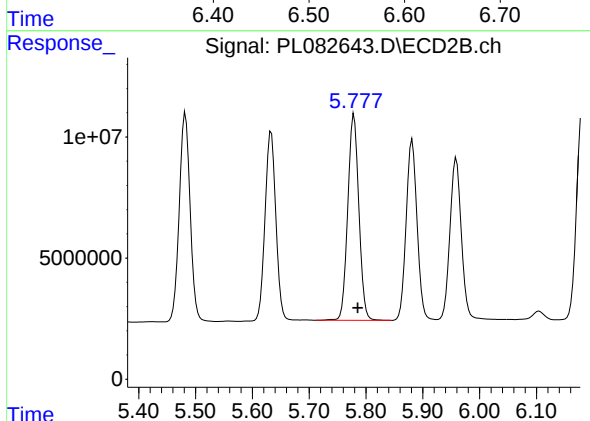
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 120825976
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

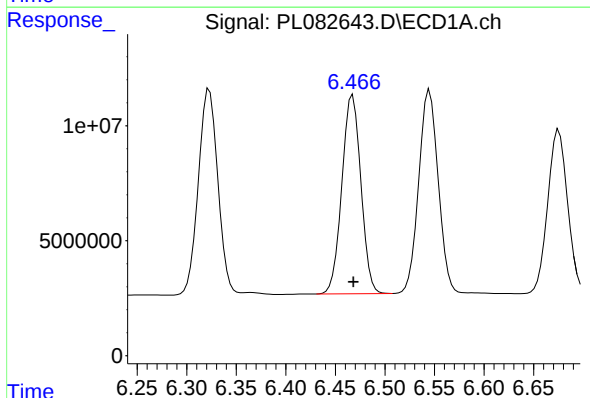
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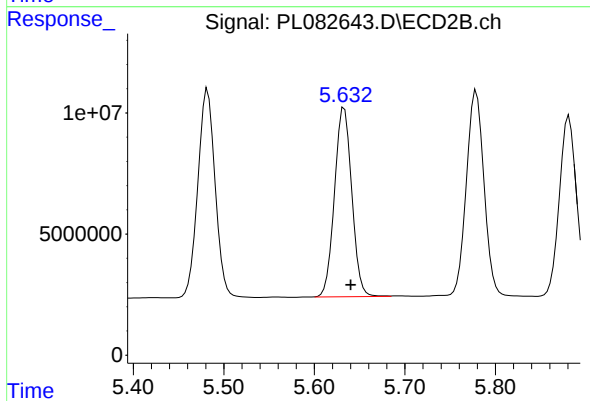
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 115280914
Conc: 51.14 ng/ml



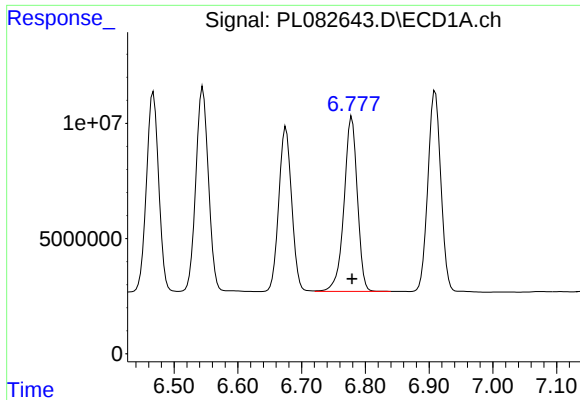
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 115301012
Conc: 56.88 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 103467403
Conc: 55.32 ng/ml



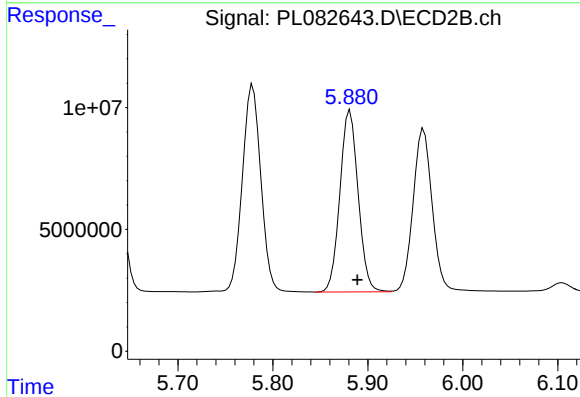
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 110036440
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

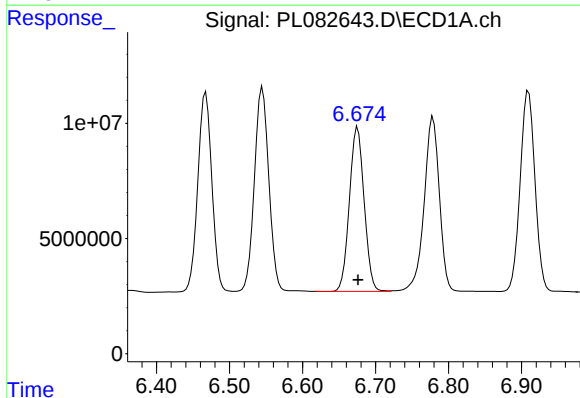
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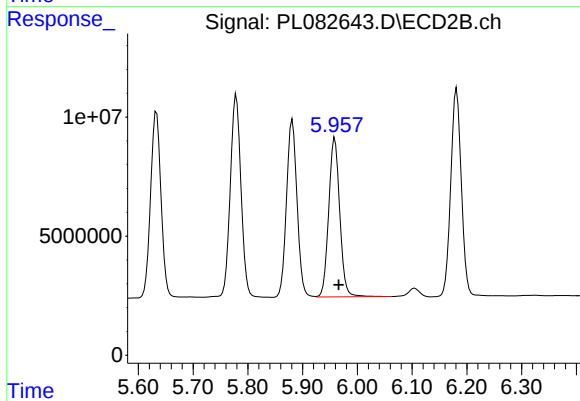
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.008 min
Response: 99519246
Conc: 47.11 ng/ml



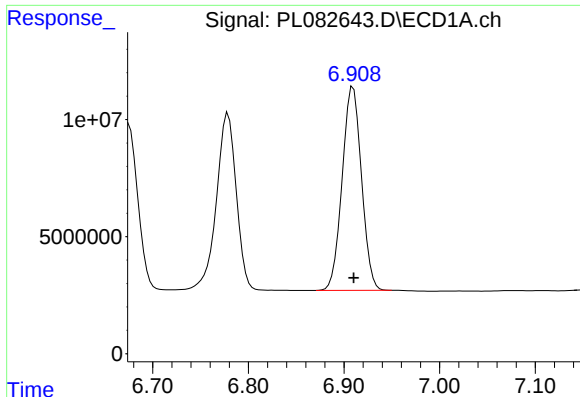
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 99925253
Conc: 53.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 93624085
Conc: 50.03 ng/ml



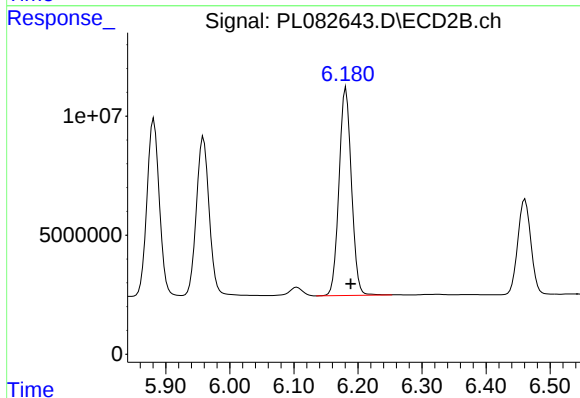
#19 Endosulfan Sulfate

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 122500399
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

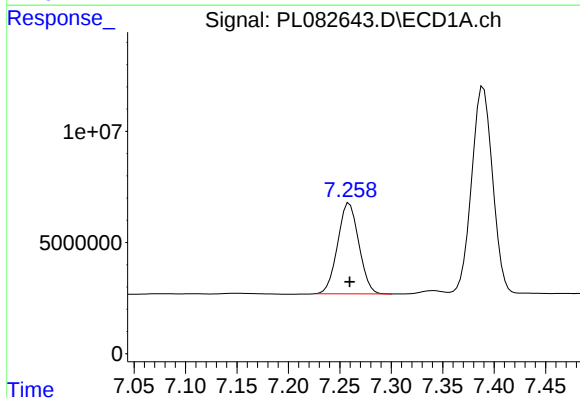
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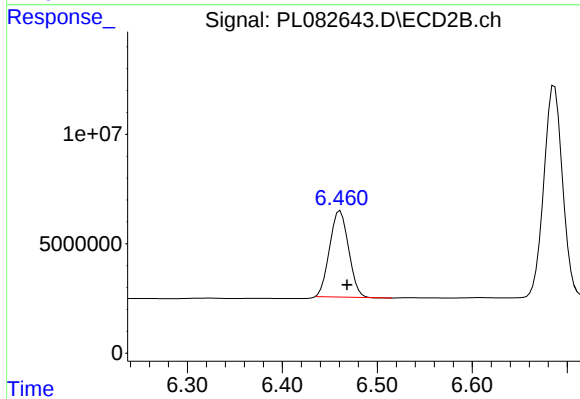
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 117428931
Conc: 49.88 ng/ml



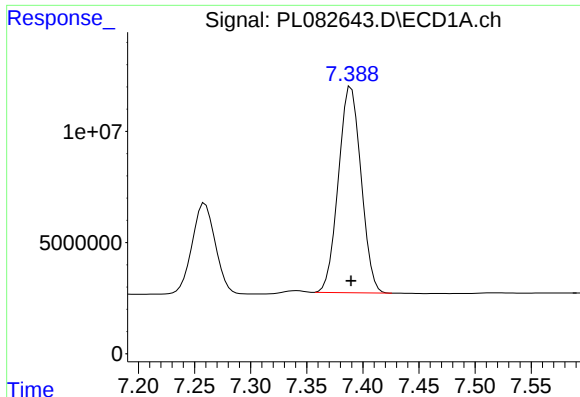
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 58477647
Conc: 47.92 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 54783906
Conc: 45.21 ng/ml



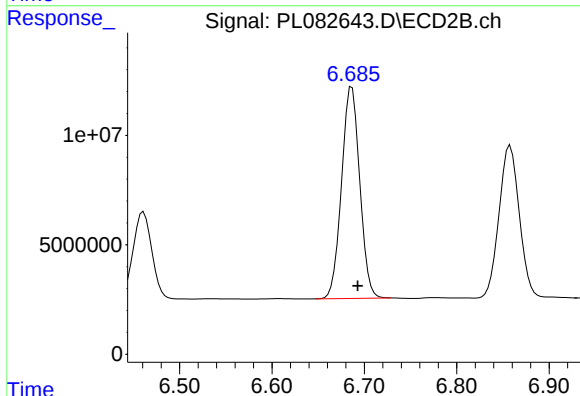
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 130299094
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

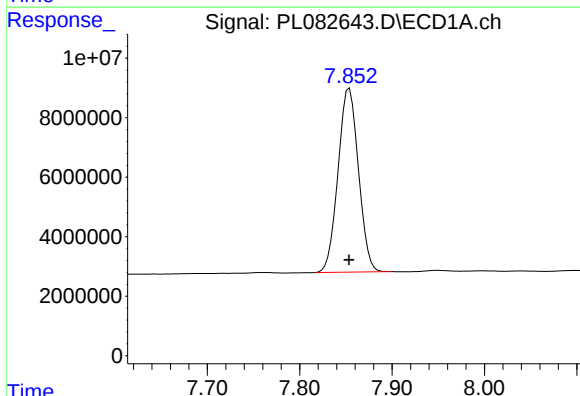
Manual Integrations
APPROVED

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



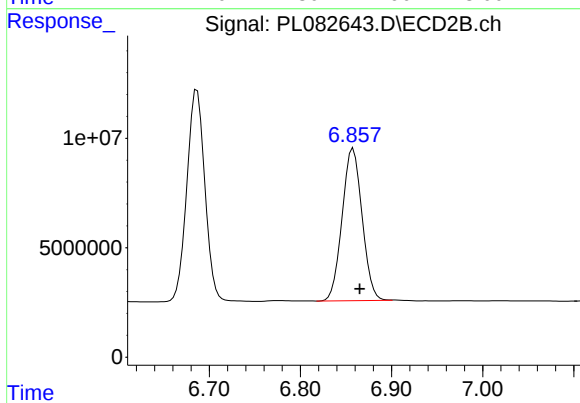
#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 132471903
Conc: 52.19 ng/ml m



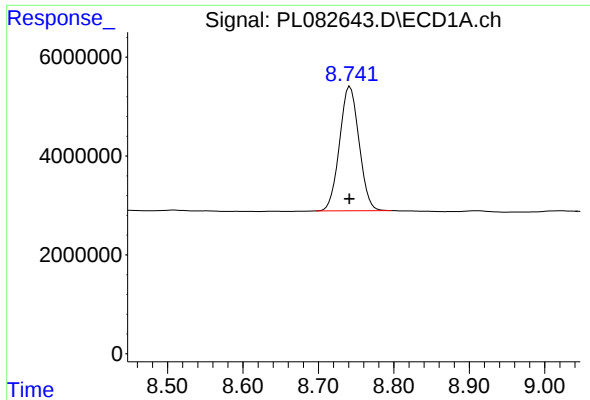
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 95018412
Conc: 48.57 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 105927701
Conc: 45.97 ng/ml m



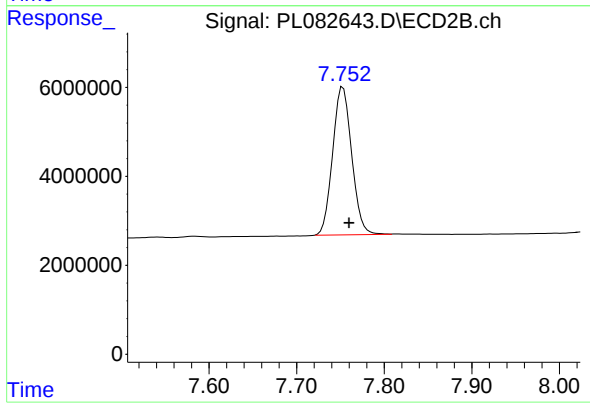
#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 45223134
Conc: 23.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152720BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 50374284
Conc: 22.07 ng/ml