

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 09:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2023
 Supervised By : Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 13:00:15 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...	3.324	2.635	143.6E6	121.2E6	48.848	46.683
28)	SA Decachlor...	8.741	7.744	96955746	115.0E6	46.228	46.236
Target Compounds							
2)	A alpha-BHC	3.774	3.132	218.1E6	172.7E6	49.128	46.286
3)	MA gamma-BHC...	4.102	3.458	199.7E6	160.3E6	48.214	48.088
4)	MA Heptachlor	4.680	3.790	190.6E6	168.5E6	49.856	46.020
5)	MB Aldrin	5.016	4.067	174.4E6	151.4E6	49.566	46.534
6)	B beta-BHC	4.306	3.760	86491047	66442023	45.939	46.460
7)	B delta-BHC	4.547	3.985	198.1E6	154.1E6	57.609	47.029
8)	B Heptachlo...	5.442	4.568	154.7E6	139.4E6	48.378	46.963
9)	A Endosulfan I	5.823	4.936	146.1E6	128.5E6	48.703	46.000
10)	B gamma-Chl...	5.695	4.817	157.3E6	140.9E6	49.525m	46.910
11)	B alpha-Chl...	5.775	4.879	157.2E6	140.7E6	48.987	46.867
12)	B 4,4'-DDE	5.953	5.069	133.9E6	115.7E6	48.564	47.639m
13)	MA Dieldrin	6.097	5.199	146.0E6	132.4E6	48.531	46.901
14)	MA Endrin	6.323	5.475	123.0E6	115.8E6	45.779m	45.642
15)	B Endosulfa...	6.546	5.771	119.4E6	111.1E6	44.689	44.891
16)	A 4,4'-DDD	6.469	5.625	111.4E6	96967144	51.268	50.419
17)	MA 4,4'-DDT	6.780	5.874	111.4E6	99270187	44.491	44.495
18)	B Endrin al...	6.676	5.951	97964205	91256403	48.723	46.148
19)	B Endosulfa...	6.910	6.174	123.1E6	114.6E6	48.005	46.787
20)	A Methoxychlor	7.260	6.453	59491823	56838578	44.988	44.693
21)	B Endrin ke...	7.389	6.678	128.6E6	130.1E6	50.421m	48.110
22)	Mirex	7.853	6.849	97982185	110.3E6	46.747	47.135

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
Data File : PL082915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 May 2023 09:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

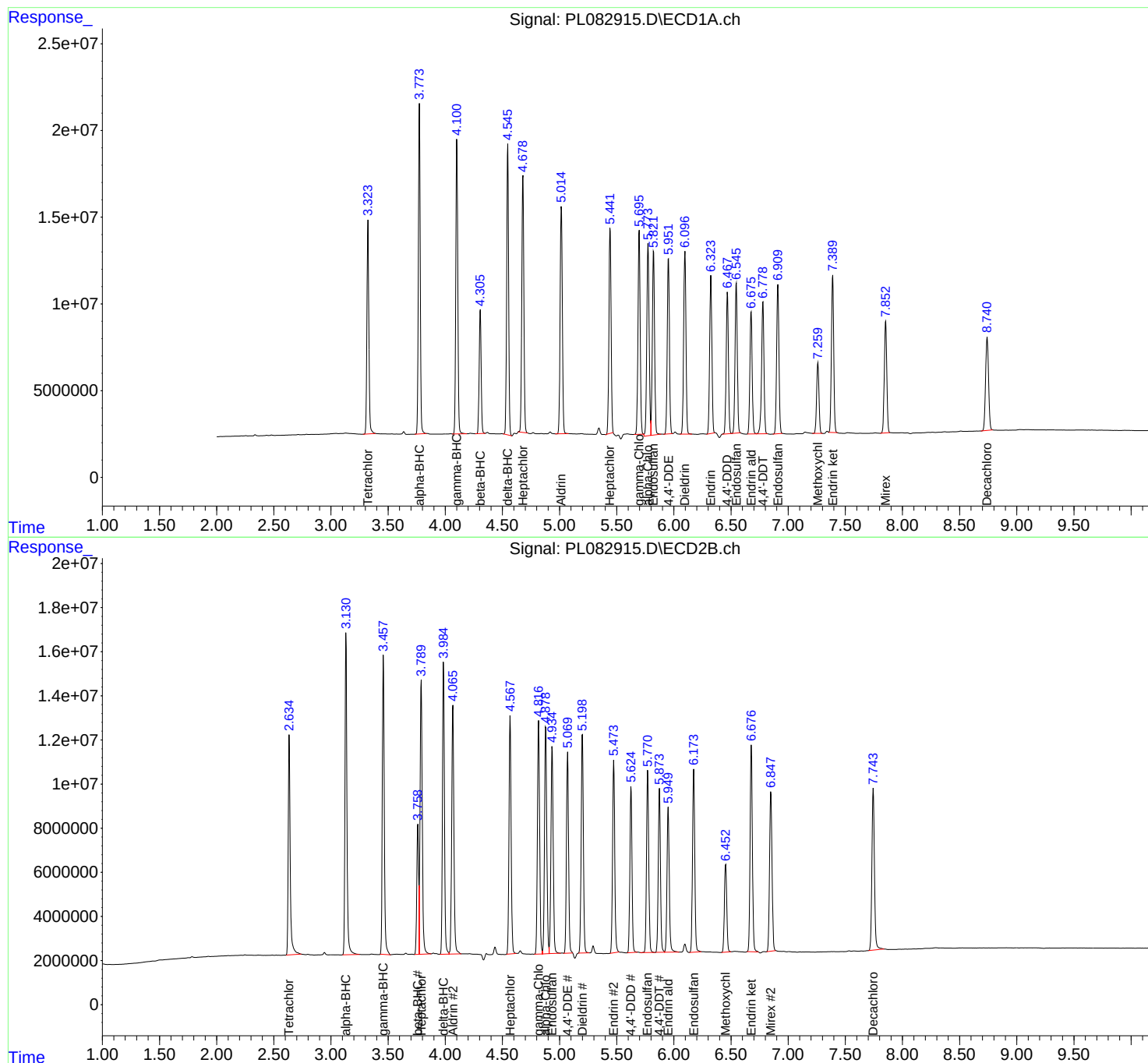
APPROVED

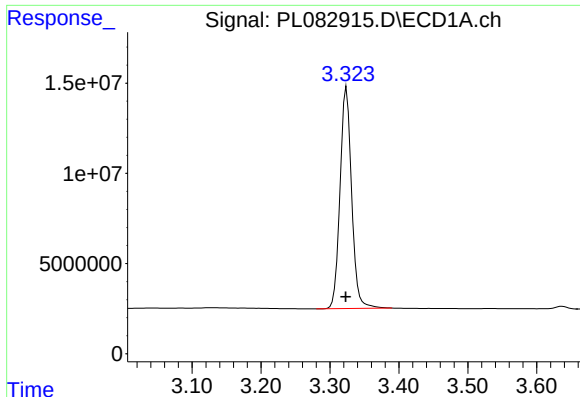
Reviewed By :Abdul Mirza 05/24/2023

Supervised By :Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 13:00:15 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





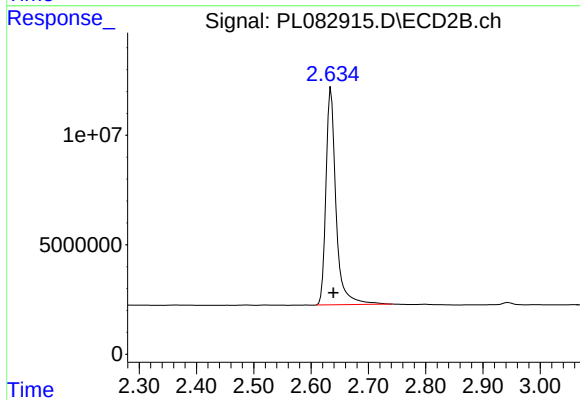
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 143565175
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

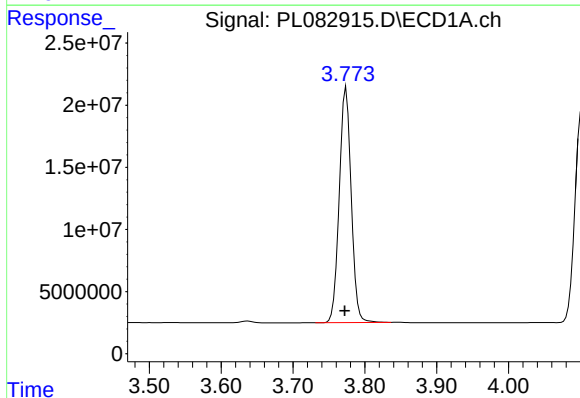
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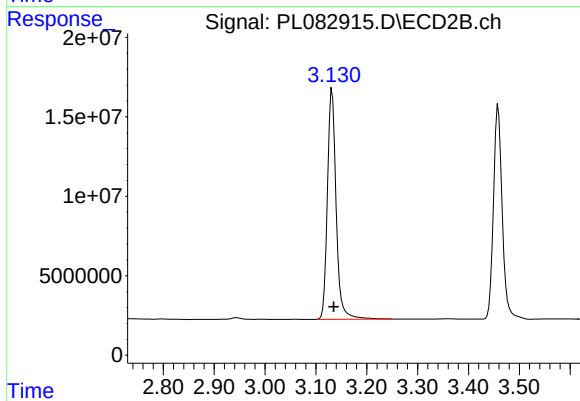
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 121194145
Conc: 46.68 ng/ml



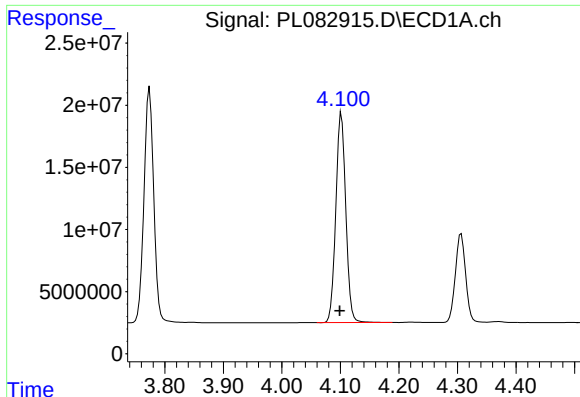
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: 0.002 min
Response: 218093302
Conc: 49.13 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 172714741
Conc: 46.29 ng/ml



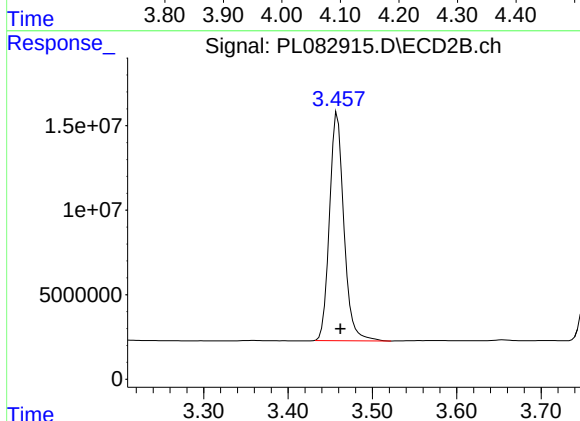
#3 gamma-BHC (Lindane)

R.T.: 4.102 min
Delta R.T.: 0.003 min
Response: 199745594
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

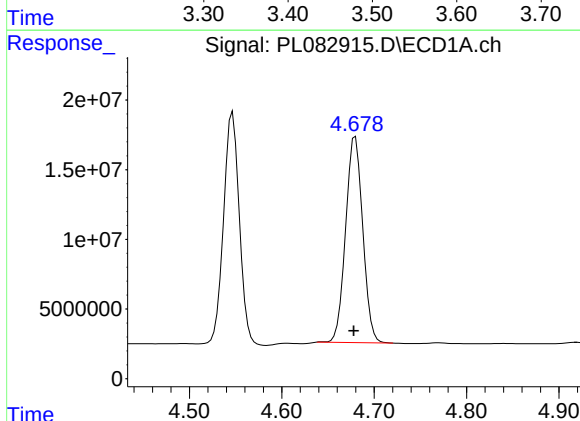
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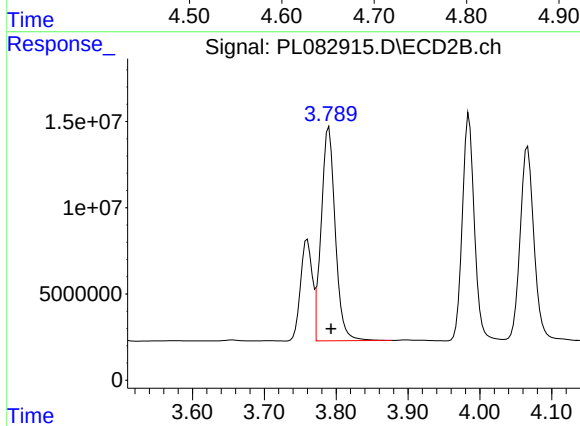
#3 gamma-BHC (Lindane)

R.T.: 3.458 min
Delta R.T.: -0.003 min
Response: 160291277
Conc: 48.09 ng/ml



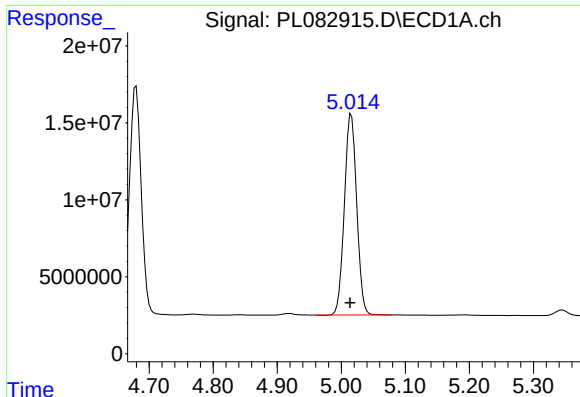
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.002 min
Response: 190574294
Conc: 49.86 ng/ml



#4 Heptachlor

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 168481626
Conc: 46.02 ng/ml



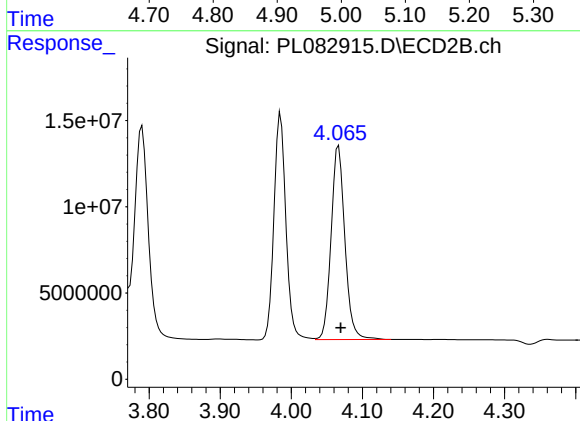
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.002 min
Response: 174378979
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

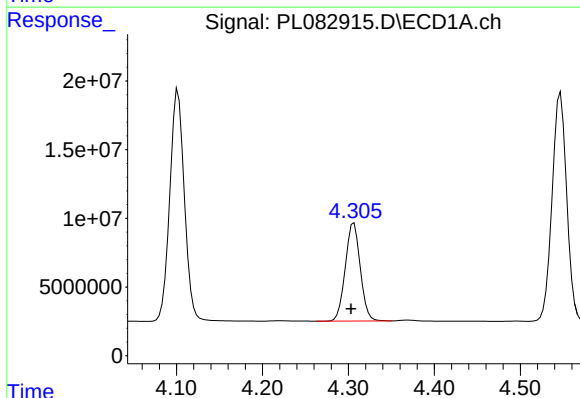
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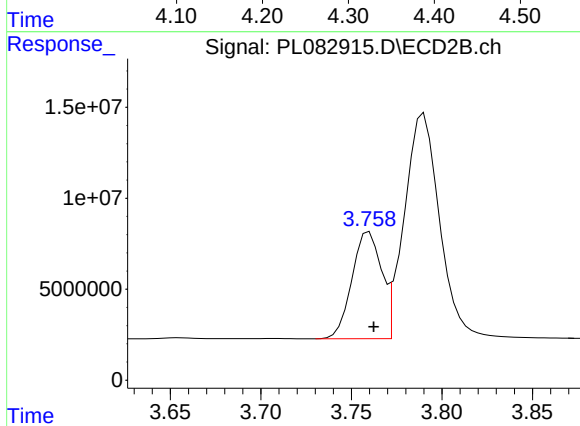
#5 Aldrin

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 151403409
Conc: 46.53 ng/ml



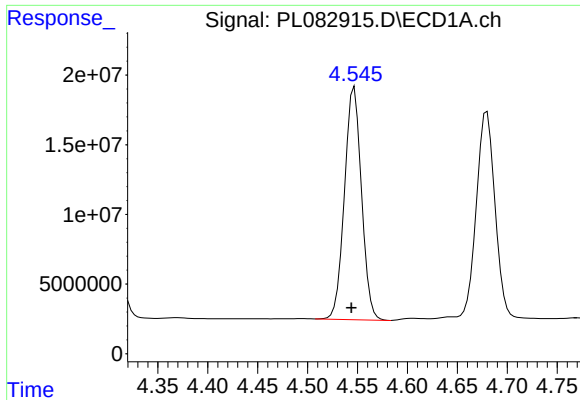
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: 0.003 min
Response: 86491047
Conc: 45.94 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: -0.002 min
Response: 66442023
Conc: 46.46 ng/ml



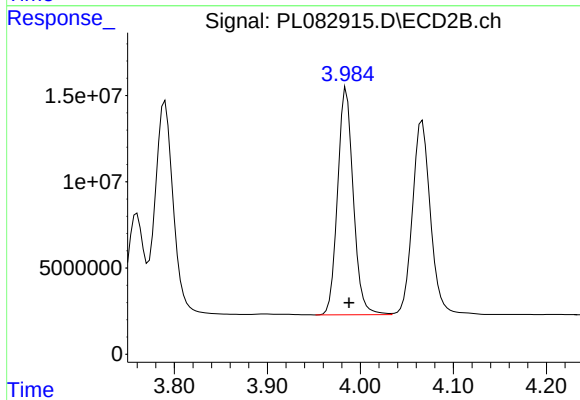
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: 0.003 min
Response: 198113181
Conc: 57.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

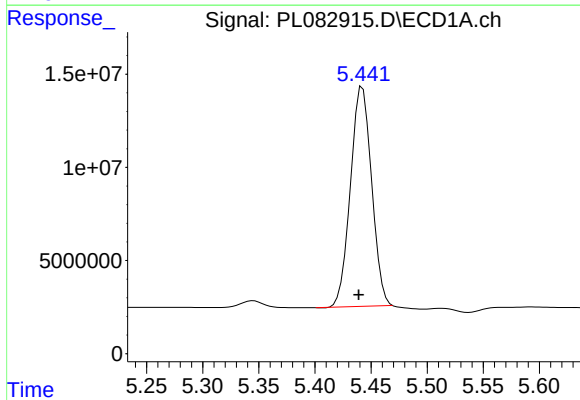
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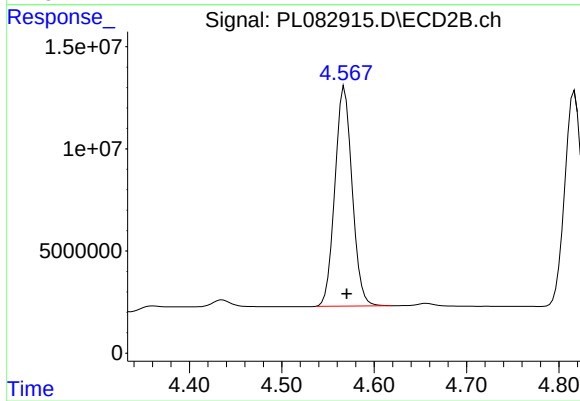
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 154088217
Conc: 47.03 ng/ml



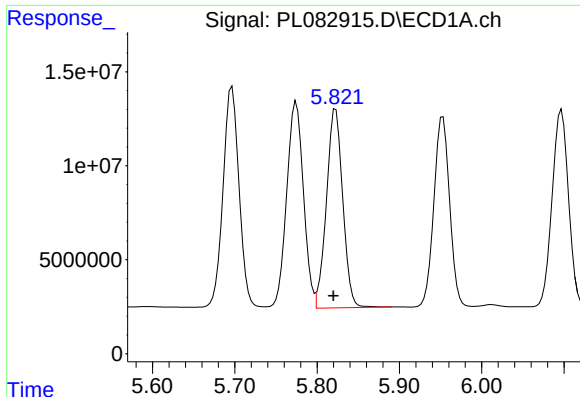
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 154748322
Conc: 48.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 139379892
Conc: 46.96 ng/ml



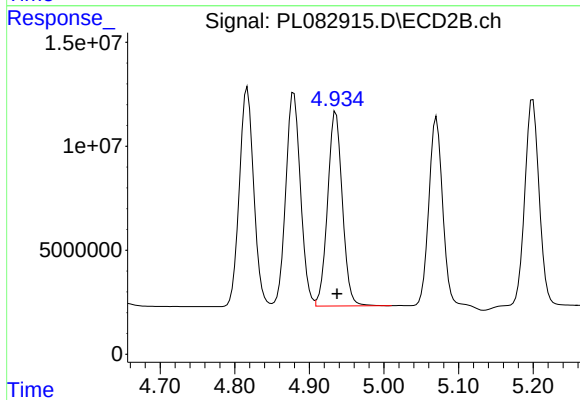
#9 Endosulfan I

R.T.: 5.823 min
Delta R.T.: 0.003 min
Response: 146138531
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

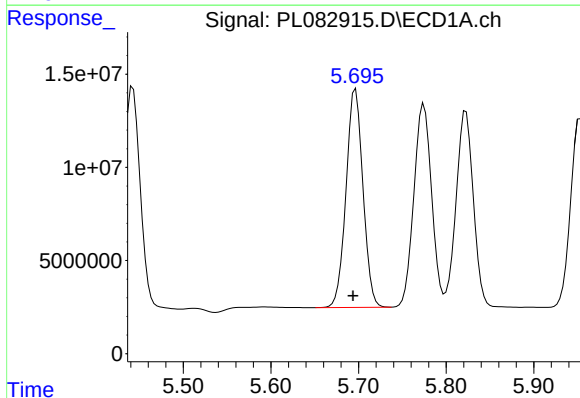
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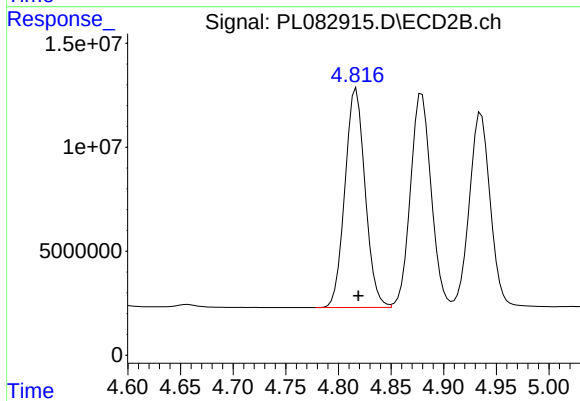
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 128542078
Conc: 46.00 ng/ml



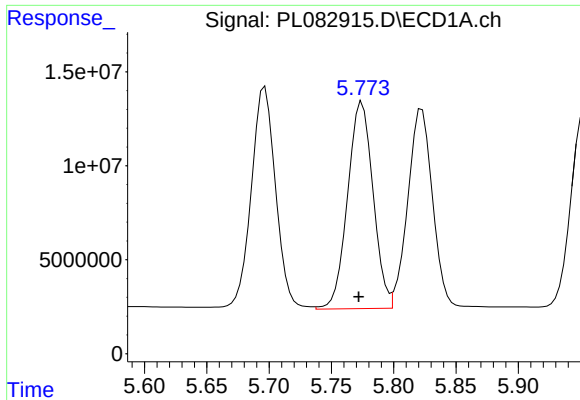
#10 gamma-Chlordane

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 157338479
Conc: 49.52 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 140888137
Conc: 46.91 ng/ml



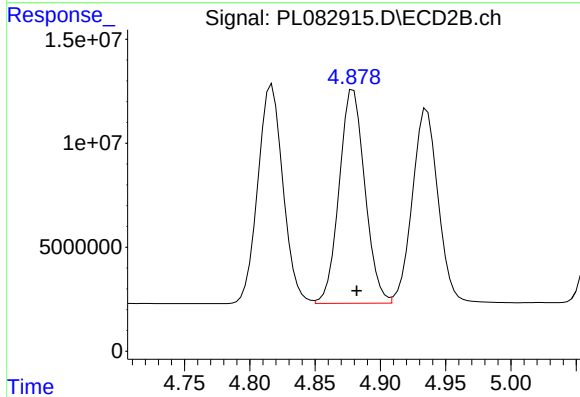
#11 alpha-Chlordane

R.T.: 5.775 min
Delta R.T.: 0.003 min
Response: 157214706
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

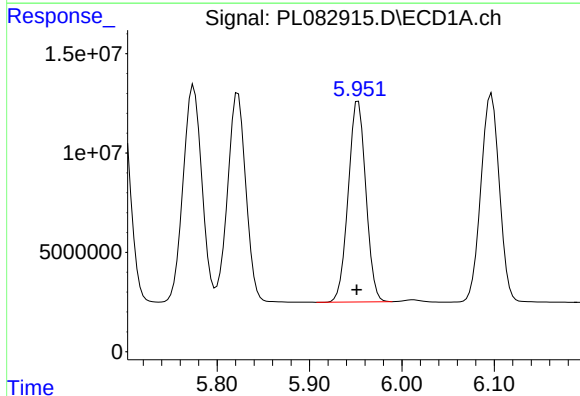
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Supervised By :Ankita Jodhani 05/24/2023



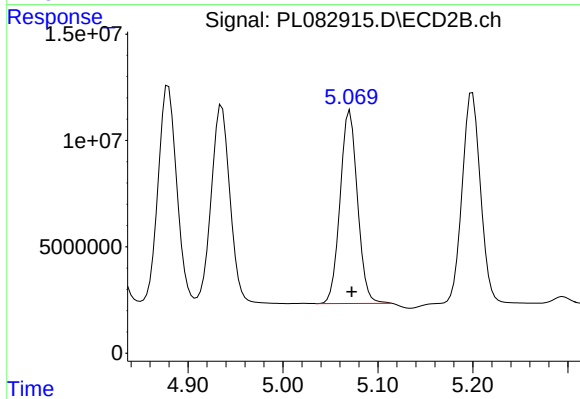
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 140694954
Conc: 46.87 ng/ml



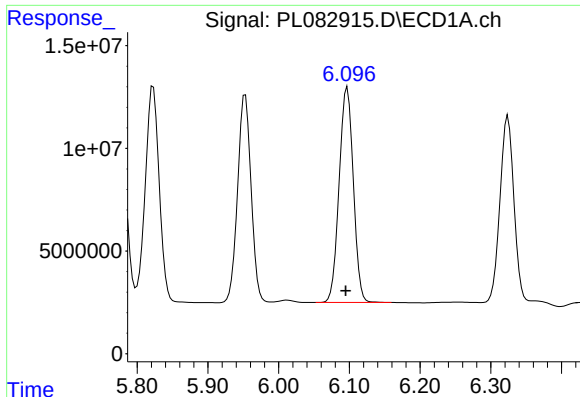
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 133866153
Conc: 48.56 ng/ml



#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 115703726
Conc: 47.64 ng/ml m



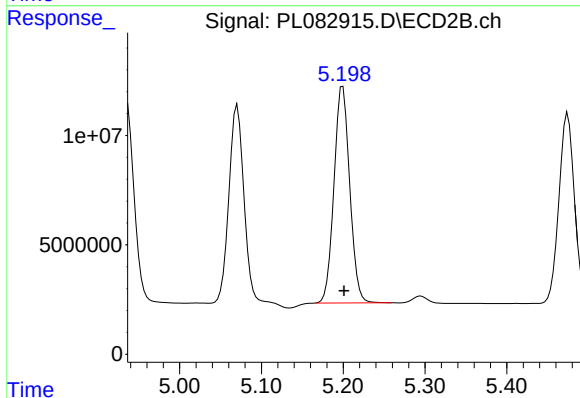
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 145973915
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

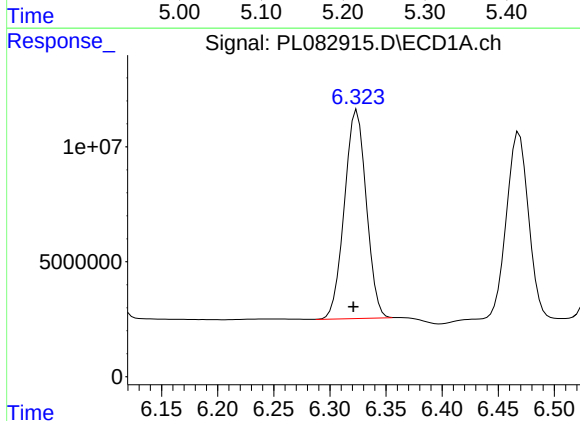
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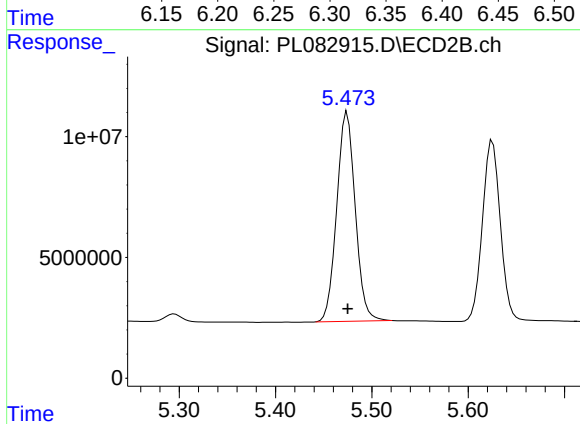
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 132398020
Conc: 46.90 ng/ml



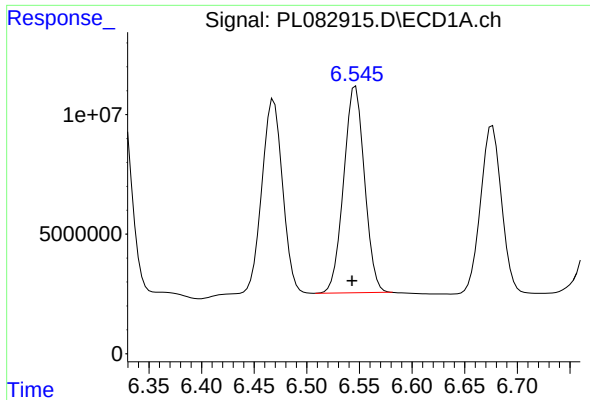
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.002 min
Response: 123018484
Conc: 45.78 ng/ml m



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 115790398
Conc: 45.64 ng/ml



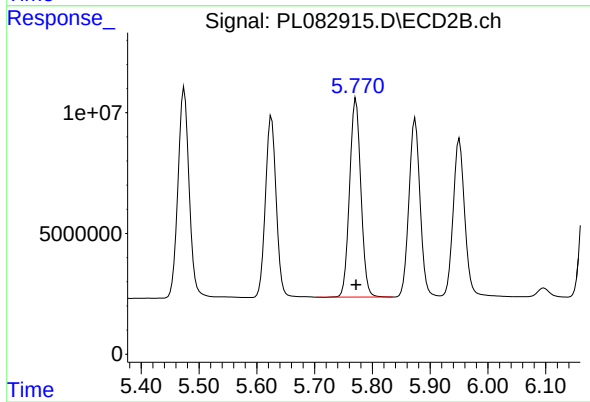
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.003 min
Response: 119373928
Conc: 44.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

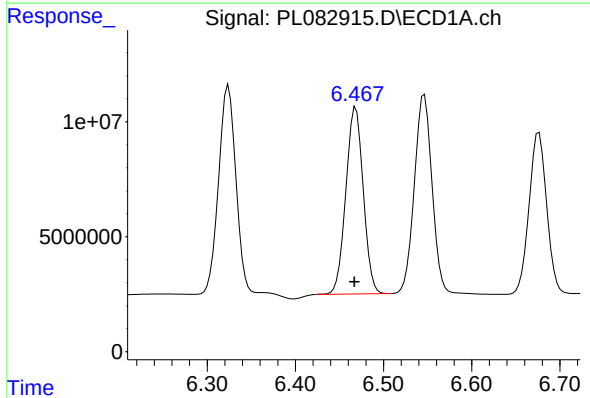
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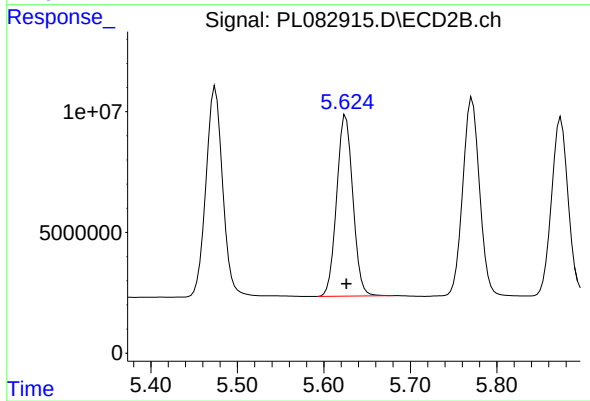
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 111068555
Conc: 44.89 ng/ml



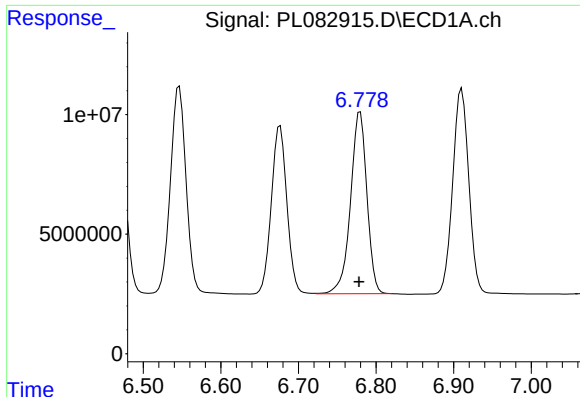
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 111408473
Conc: 51.27 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 96967144
Conc: 50.42 ng/ml



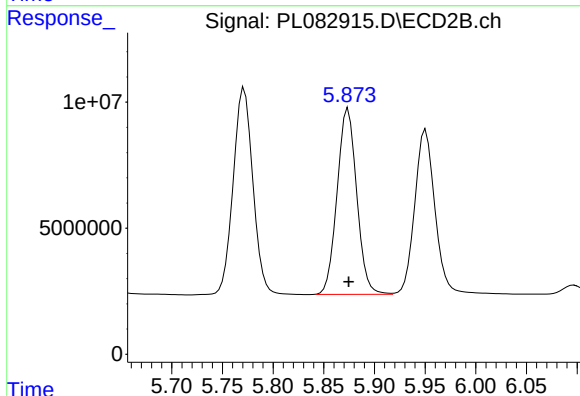
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.002 min
Response: 111369442
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

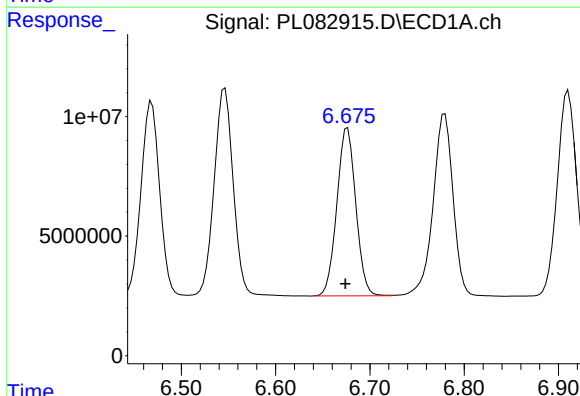
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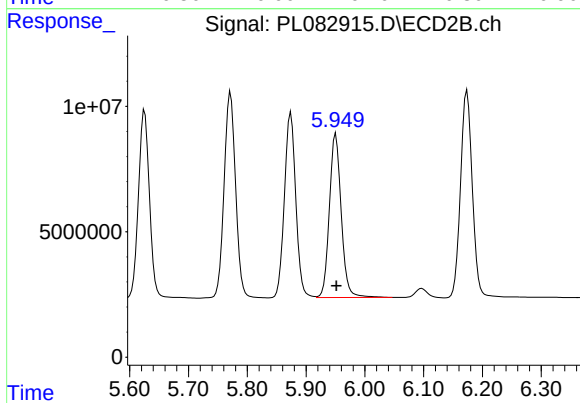
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 99270187
Conc: 44.50 ng/ml



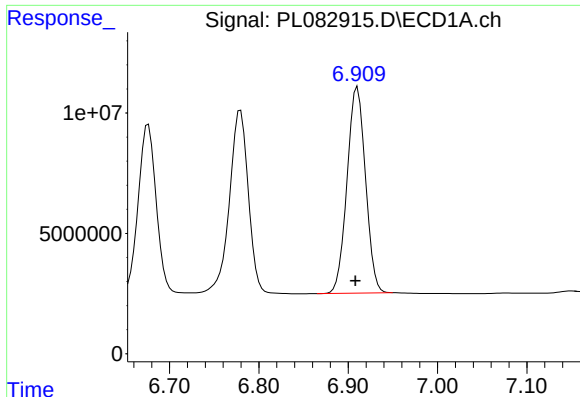
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 97964205
Conc: 48.72 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 91256403
Conc: 46.15 ng/ml



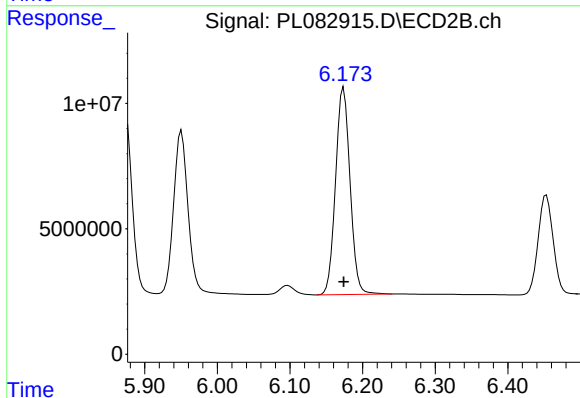
#19 Endosulfan Sulfate

R.T.: 6.910 min
Delta R.T.: 0.002 min
Response: 123071138
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

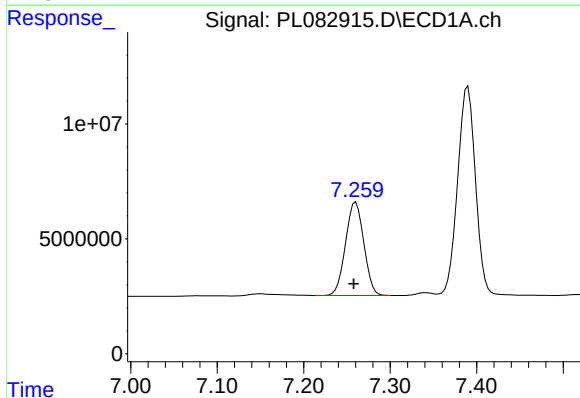
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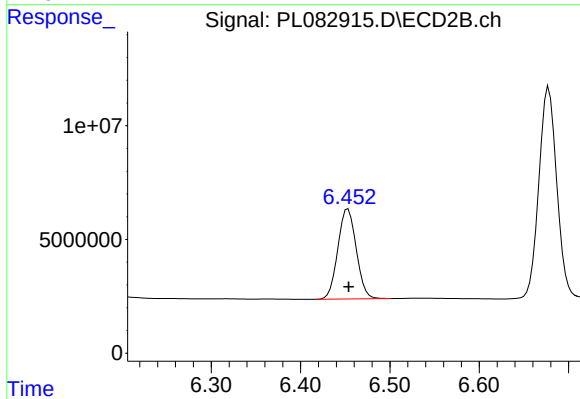
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 114581373
Conc: 46.79 ng/ml



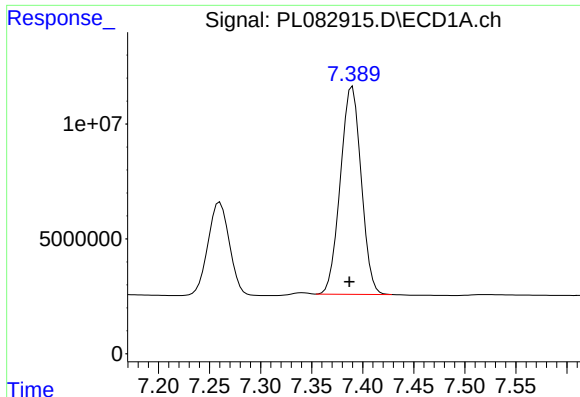
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.002 min
Response: 59491823
Conc: 44.99 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 56838578
Conc: 44.69 ng/ml



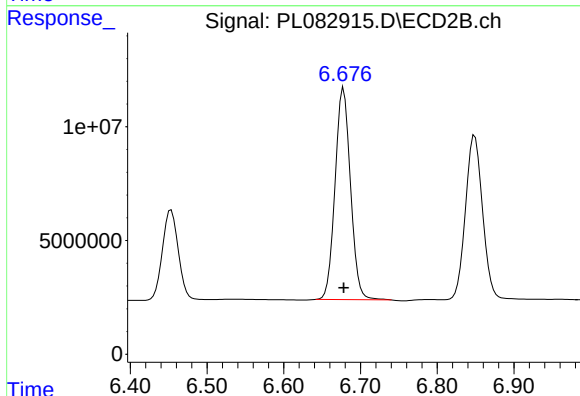
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 128614089
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

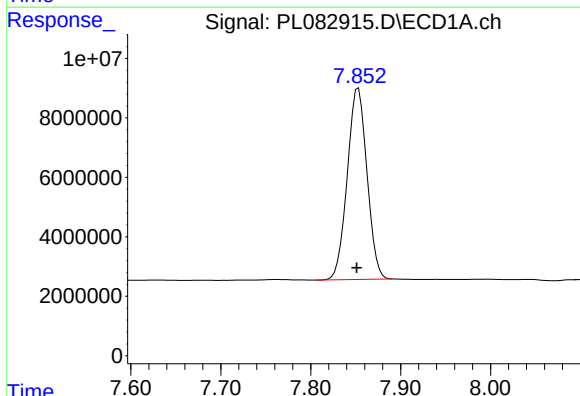
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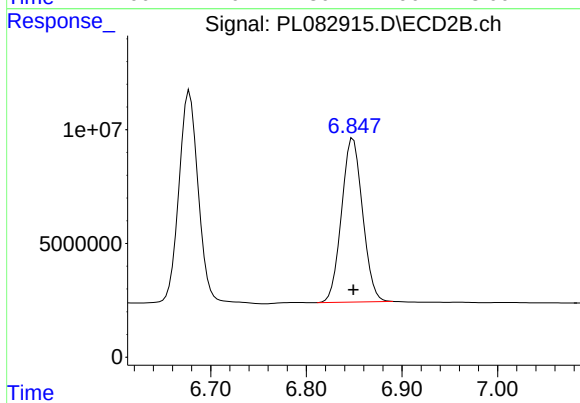
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 130082369
Conc: 48.11 ng/ml



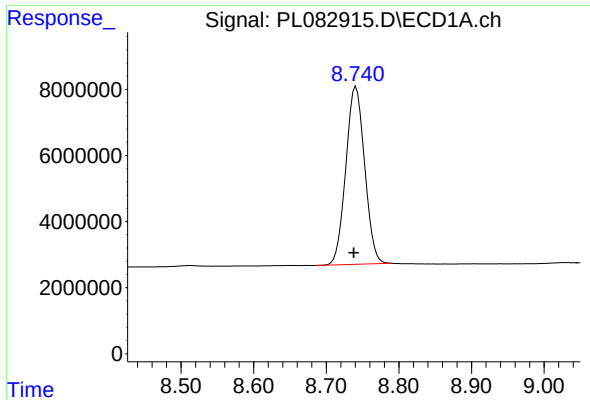
#22 Mirex

R.T.: 7.853 min
Delta R.T.: 0.002 min
Response: 97982185
Conc: 46.75 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 110288520
Conc: 47.14 ng/ml



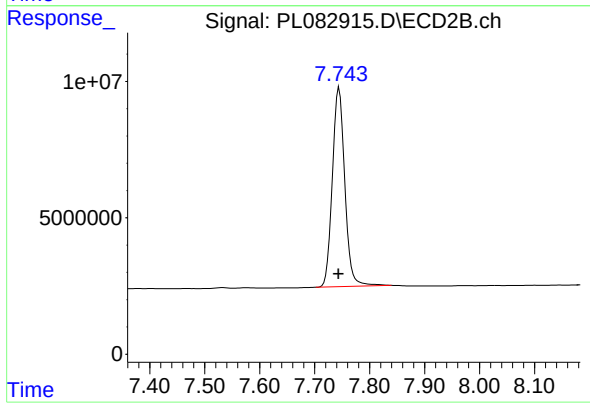
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.003 min
Response: 96955746
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 114966761
Conc: 46.24 ng/ml