

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
 Data File : PL080358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2023 10:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/18/2023
 Supervised By : Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 20:33:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.357	2.689	100.9E6	100.1E6	50.502	44.765
28)	SA Decachlor...	8.796	7.843	77576693	102.8E6	52.580	45.737
Target Compounds							
2)	A alpha-BHC	3.806	3.191	152.6E6	144.8E6	52.840	45.187
3)	MA gamma-BHC...	4.134	3.520	142.1E6	134.8E6	53.155	44.659
4)	MA Heptachlor	4.718	3.861	137.1E6	140.6E6	52.673	43.681
5)	MB Aldrin	5.057	4.141	128.0E6	137.8E6	53.866	46.313
6)	B beta-BHC	4.330	3.815	61863220	58812788	52.339	43.698
7)	B delta-BHC	4.573	4.045	136.9E6	131.6E6	52.402	45.540
8)	B Heptachlo...	5.481	4.644	124.7E6	122.9E6	56.187	43.816
9)	A Endosulfan I	5.863	5.013	109.8E6	111.2E6	54.200	42.532
10)	B gamma-Chl...	5.736	4.895	119.6E6	125.8E6	54.629	44.023
11)	B alpha-Chl...	5.815	4.959	117.7E6	125.7E6	54.268	43.927
12)	B 4,4'-DDE	5.993	5.152	103.8E6	105.7E6	53.541	45.034
13)	MA Dieldrin	6.137	5.279	111.2E6	124.8E6	54.119	45.801
14)	MA Endrin	6.363	5.553	92629228	101.7E6	50.501m	42.735
15)	B Endosulfa...	6.581	5.848	94003659	98862750	48.736m	40.757
16)	A 4,4'-DDD	6.506	5.706	94776510	89216061	59.883	48.137
17)	MA 4,4'-DDT	6.820	5.958	88100571	88521046	49.956	42.008
18)	B Endrin al...	6.712	6.028	78693131	78422653	54.548	43.074
19)	B Endosulfa...	6.946	6.251	94356912	102.8E6	54.136	44.270
20)	A Methoxychlor	7.297	6.537	44629727	49789409	50.092	41.422
21)	B Endrin ke...	7.426	6.756	102.3E6	115.8E6	54.905	45.995
22)	Mirex	7.898	6.940	77035514	99610373	54.460	44.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
Data File : PL080358.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2023 10:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

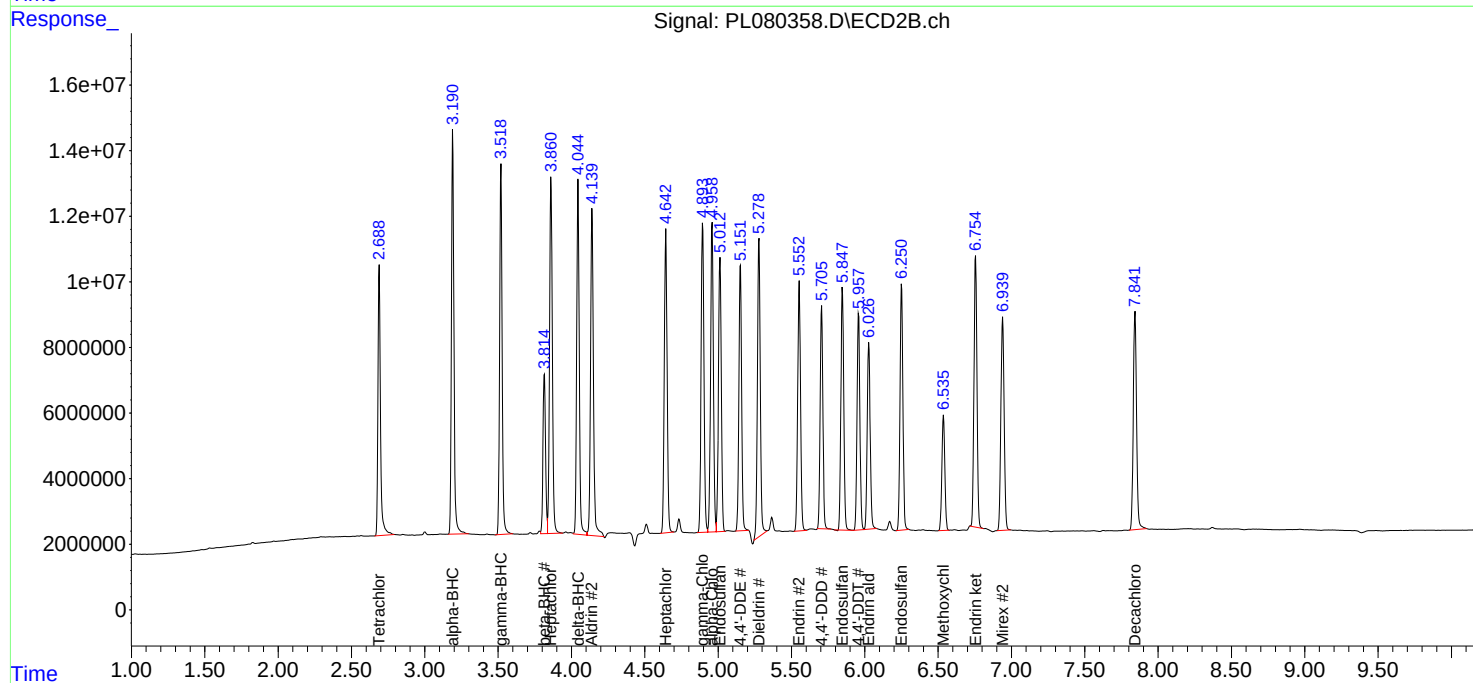
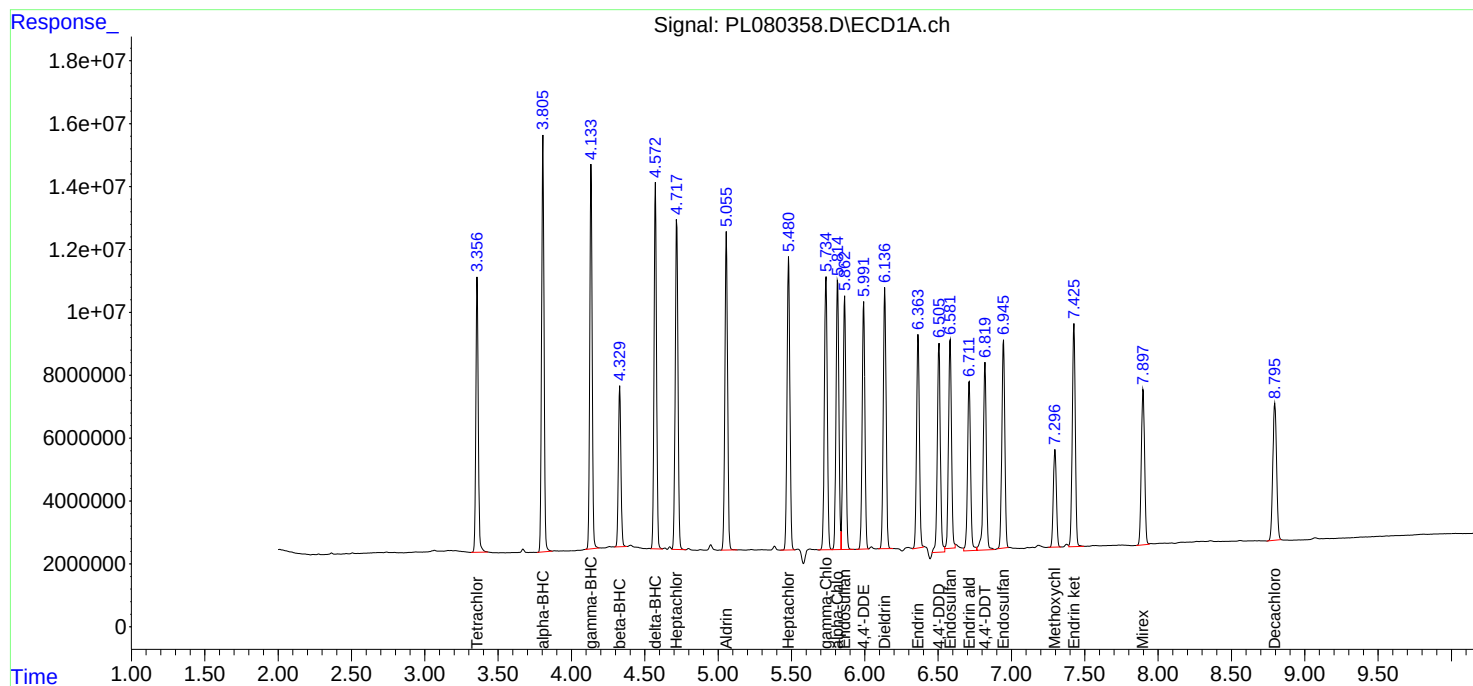
APPROVED

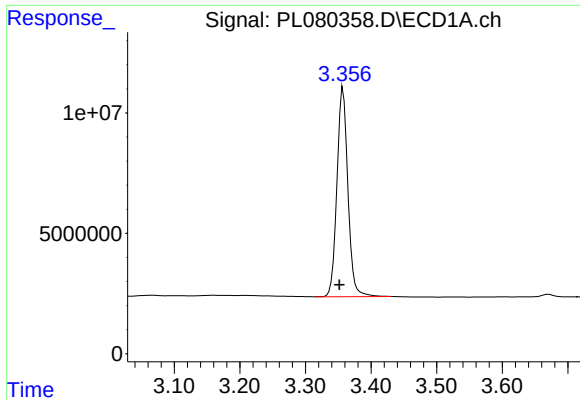
Reviewed By :Abdul Mirza 01/18/2023

Supervised By :Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 20:33:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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





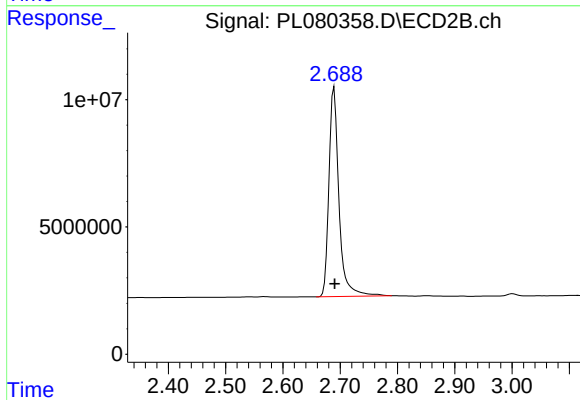
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: 0.005 min
Response: 100885578
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

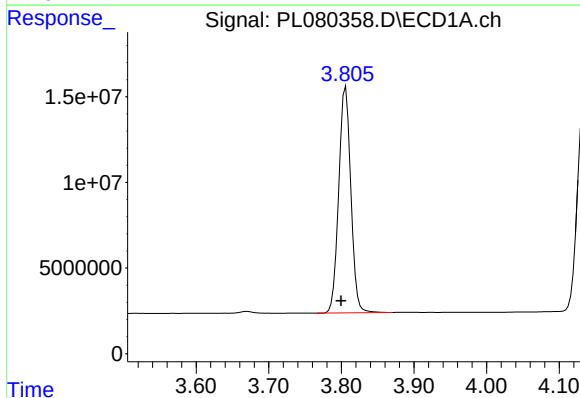
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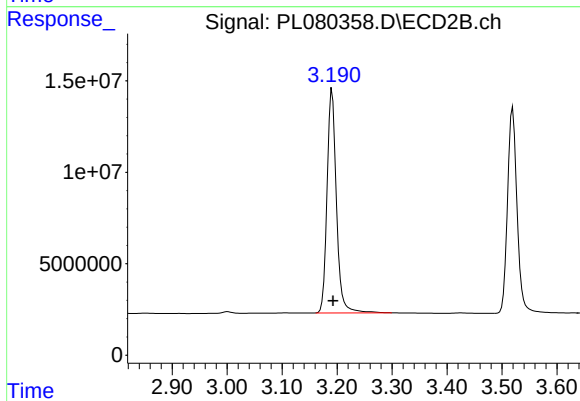
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 100119825
Conc: 44.77 ng/ml



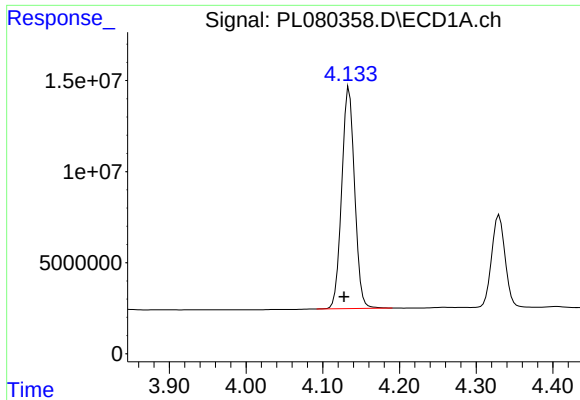
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.007 min
Response: 152615249
Conc: 52.84 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.002 min
Response: 144754571
Conc: 45.19 ng/ml



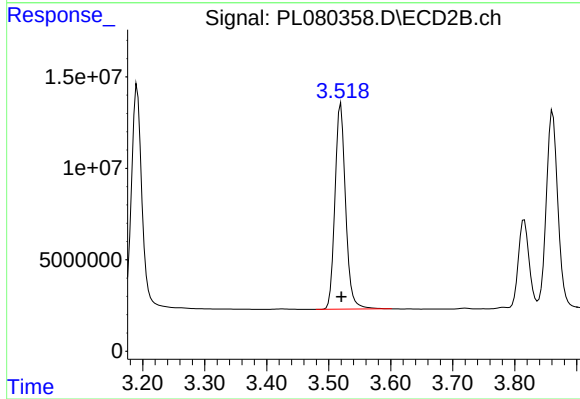
#3 gamma-BHC (Lindane)

R.T.: 4.134 min
Delta R.T.: 0.006 min
Response: 142094038
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

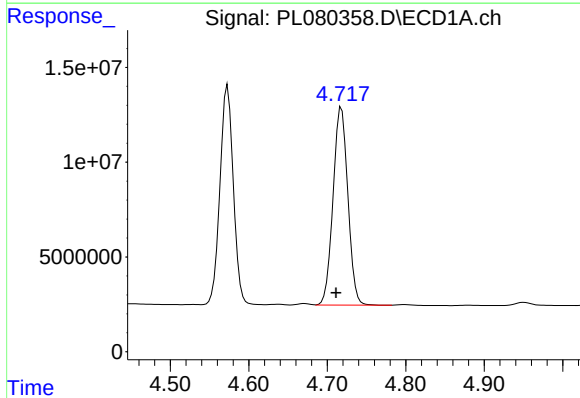
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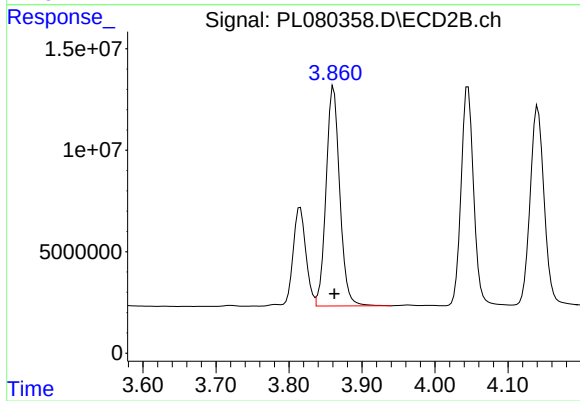
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.001 min
Response: 134818154
Conc: 44.66 ng/ml



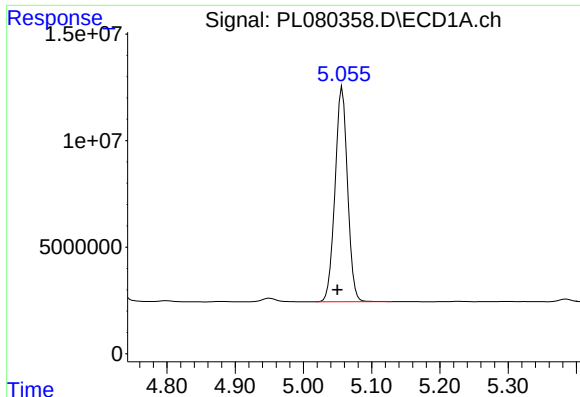
#4 Heptachlor

R.T.: 4.718 min
Delta R.T.: 0.007 min
Response: 137111129
Conc: 52.67 ng/ml



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.001 min
Response: 140635658
Conc: 43.68 ng/ml



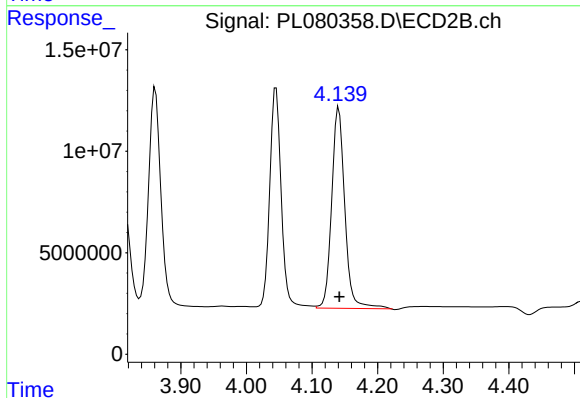
#5 Aldrin

R.T.: 5.057 min
Delta R.T.: 0.007 min
Response: 128042928
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

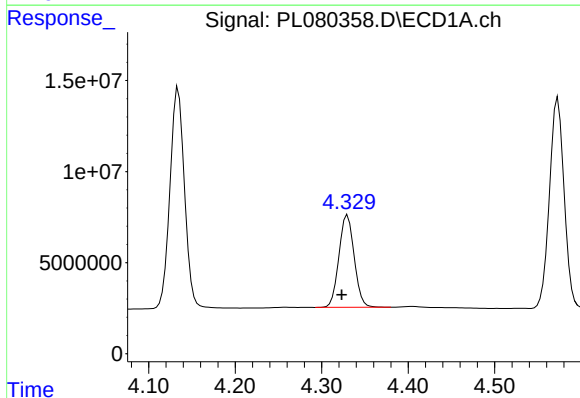
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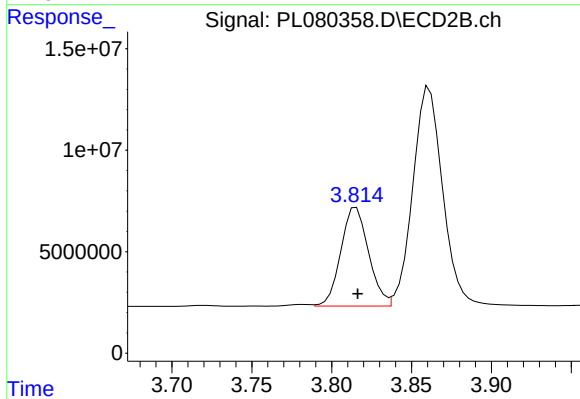
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.001 min
Response: 137798058
Conc: 46.31 ng/ml



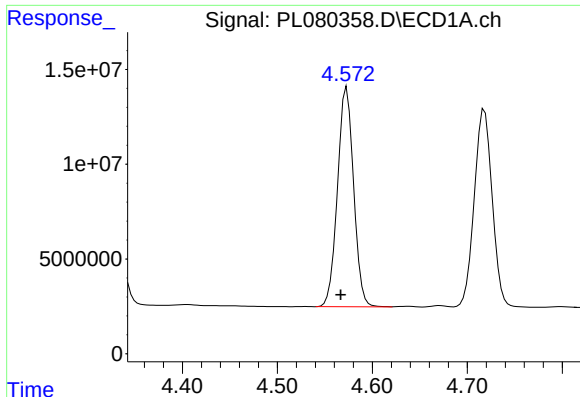
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.007 min
Response: 61863220
Conc: 52.34 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.001 min
Response: 58812788
Conc: 43.70 ng/ml



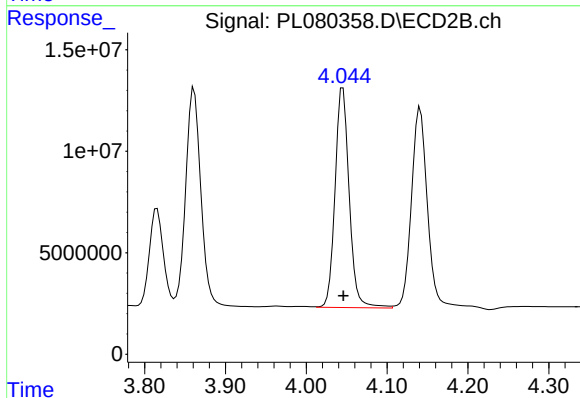
#7 delta-BHC

R.T.: 4.573 min
Delta R.T.: 0.006 min
Response: 136906620
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

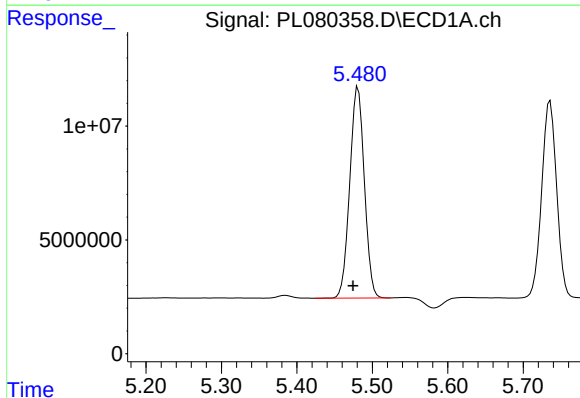
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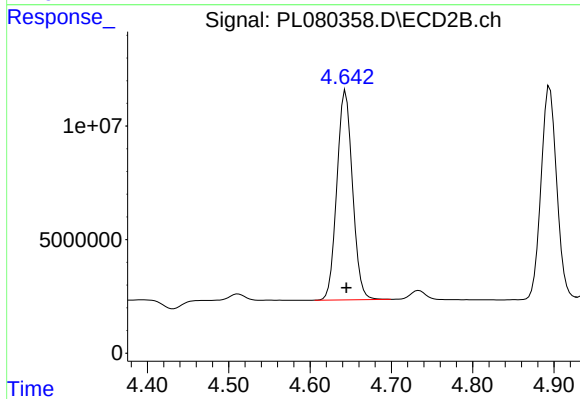
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 131602924
Conc: 45.54 ng/ml



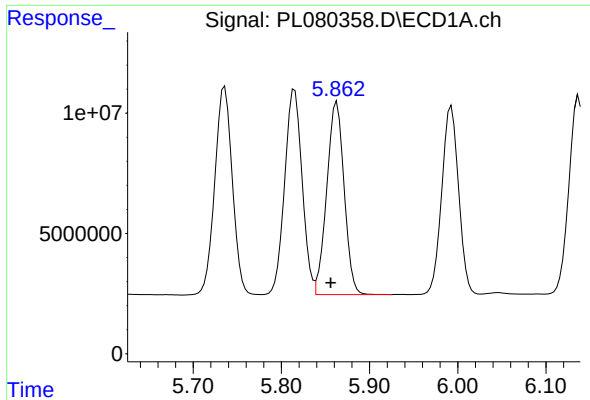
#8 Heptachlor epoxide

R.T.: 5.481 min
Delta R.T.: 0.007 min
Response: 124749559
Conc: 56.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 122856117
Conc: 43.82 ng/ml



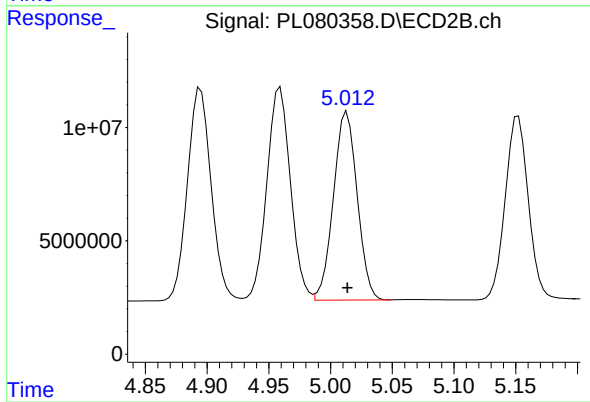
#9 Endosulfan I

R.T.: 5.863 min
Delta R.T.: 0.007 min
Response: 109795495
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

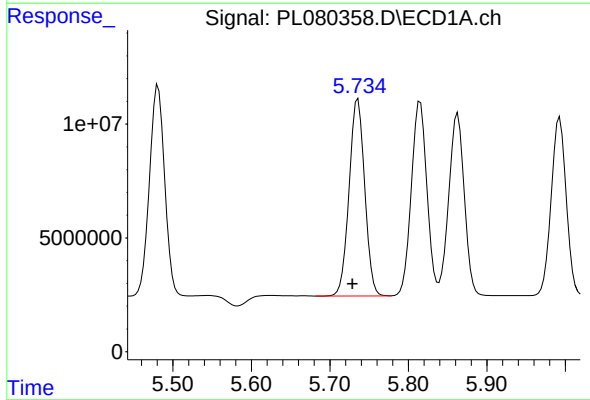
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Supervised By :Ankita Jodhani 01/18/2023



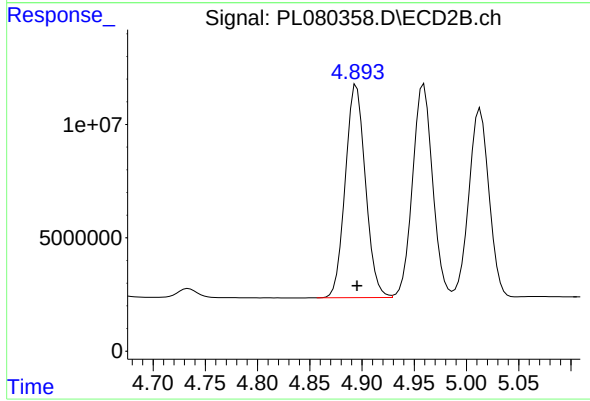
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 111193518
Conc: 42.53 ng/ml



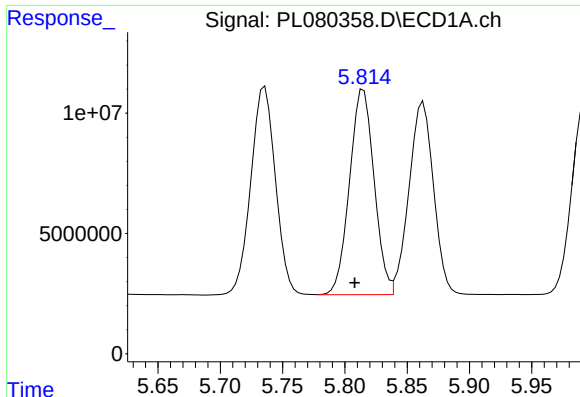
#10 gamma-Chlordane

R.T.: 5.736 min
Delta R.T.: 0.007 min
Response: 119593993
Conc: 54.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 125774357
Conc: 44.02 ng/ml



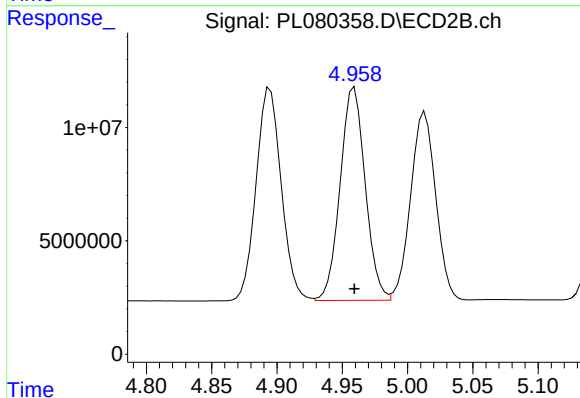
#11 alpha-Chlordane

R.T.: 5.815 min
Delta R.T.: 0.007 min
Response: 117731658
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

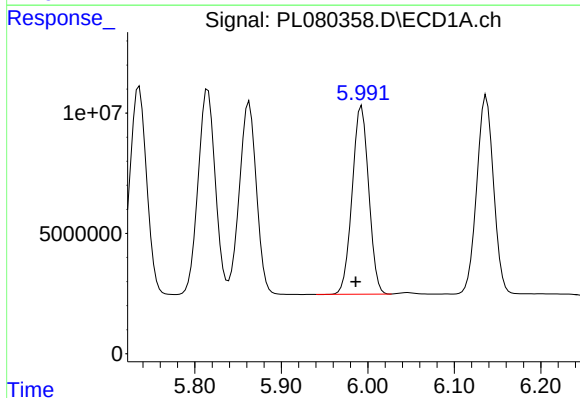
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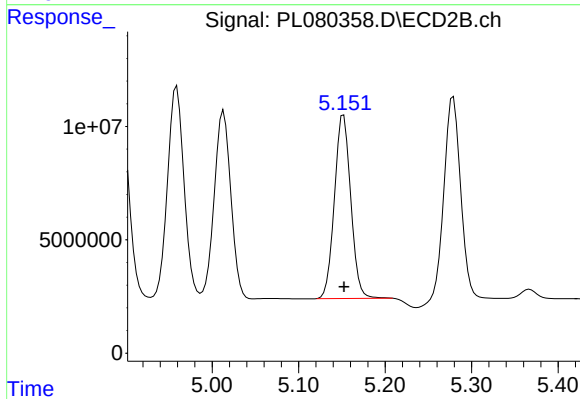
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 125656603
Conc: 43.93 ng/ml



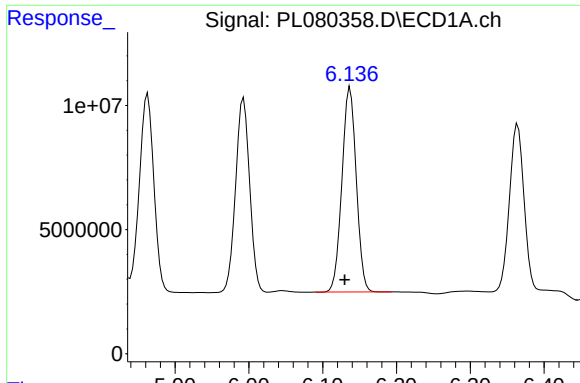
#12 4,4'-DDE

R.T.: 5.993 min
Delta R.T.: 0.007 min
Response: 103847976
Conc: 53.54 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 105742758
Conc: 45.03 ng/ml



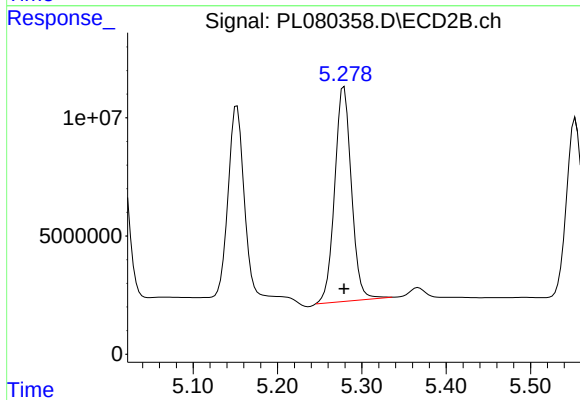
#13 Dieldrin

R.T.: 6.137 min
Delta R.T.: 0.008 min
Response: 111203726
Conc: 54.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

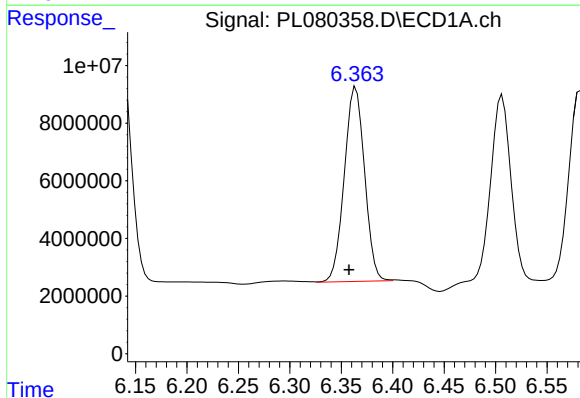
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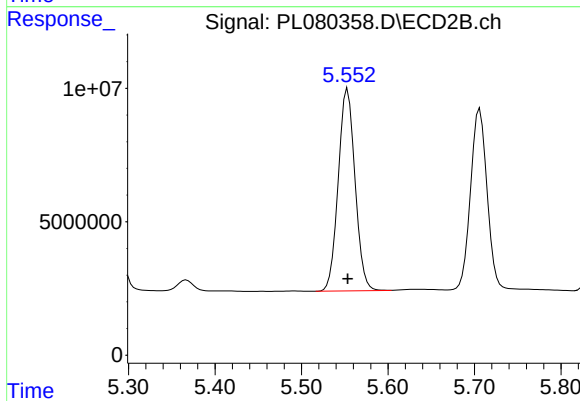
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 124830306
Conc: 45.80 ng/ml



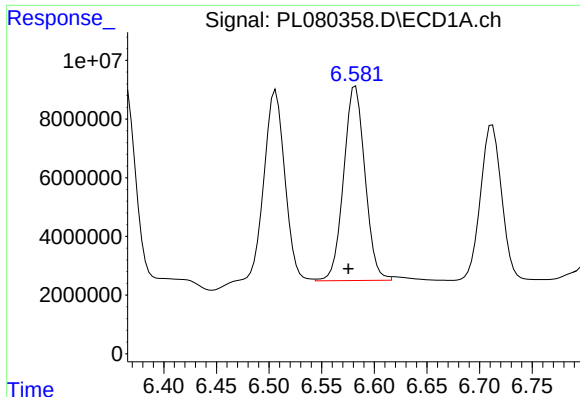
#14 Endrin

R.T.: 6.363 min
Delta R.T.: 0.005 min
Response: 92629228
Conc: 50.50 ng/ml m



#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 101678797
Conc: 42.74 ng/ml



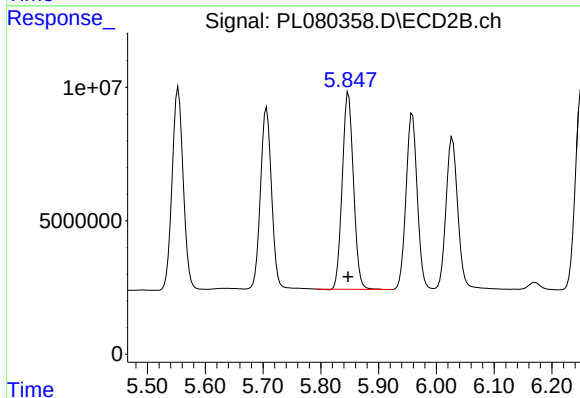
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.006 min
Response: 94003659
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

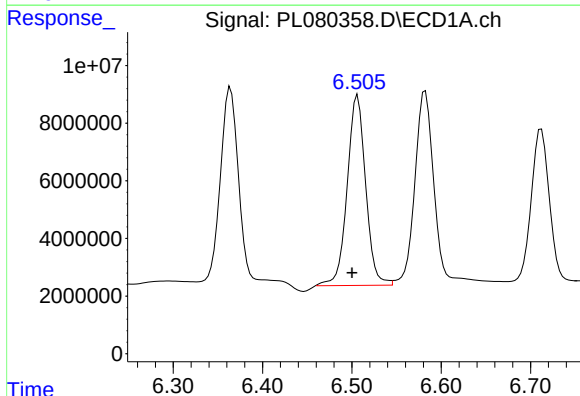
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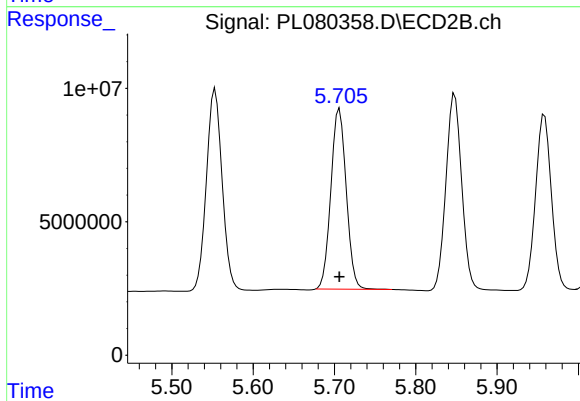
#15 Endosulfan II

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 98862750
Conc: 40.76 ng/ml



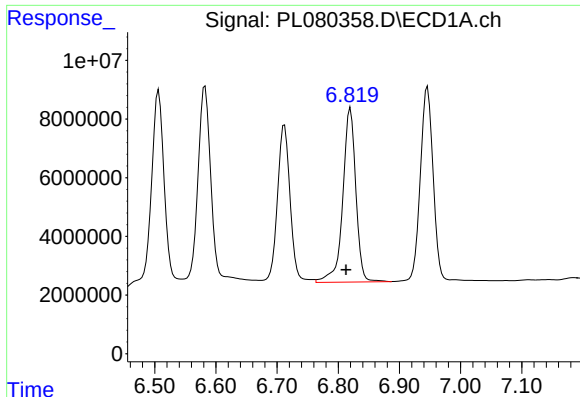
#16 4,4'-DDD

R.T.: 6.506 min
Delta R.T.: 0.006 min
Response: 94776510
Conc: 59.88 ng/ml



#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 89216061
Conc: 48.14 ng/ml



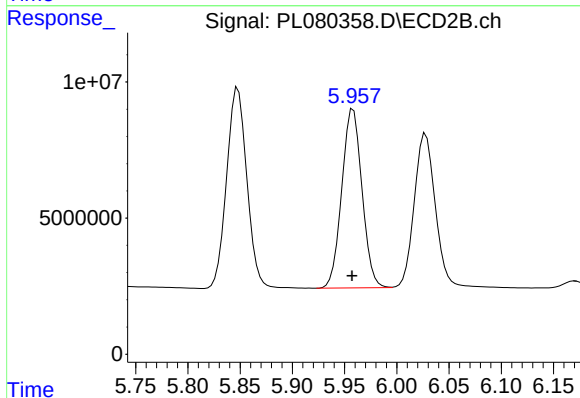
#17 4,4'-DDT

R.T.: 6.820 min
Delta R.T.: 0.007 min
Response: 88100571
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

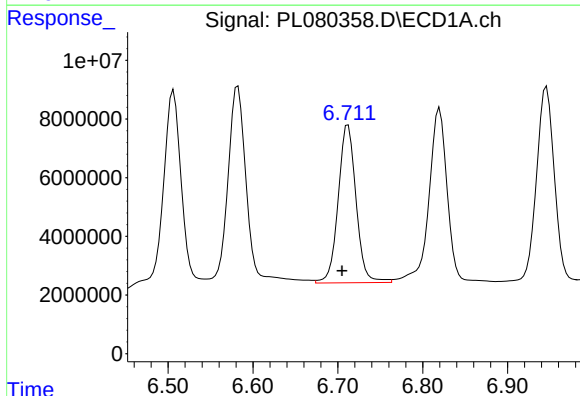
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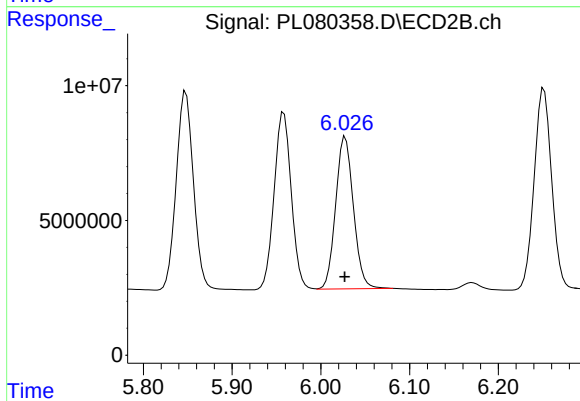
#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 88521046
Conc: 42.01 ng/ml



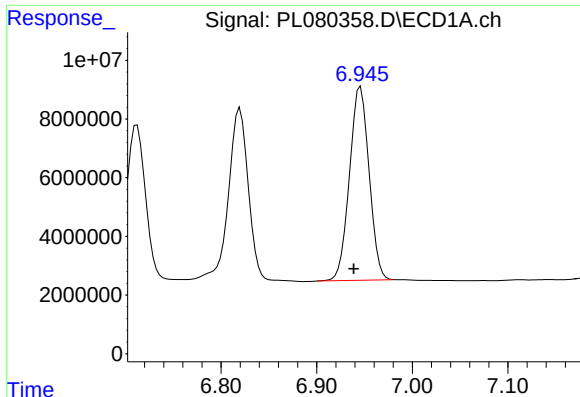
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: 0.007 min
Response: 78693131
Conc: 54.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 78422653
Conc: 43.07 ng/ml



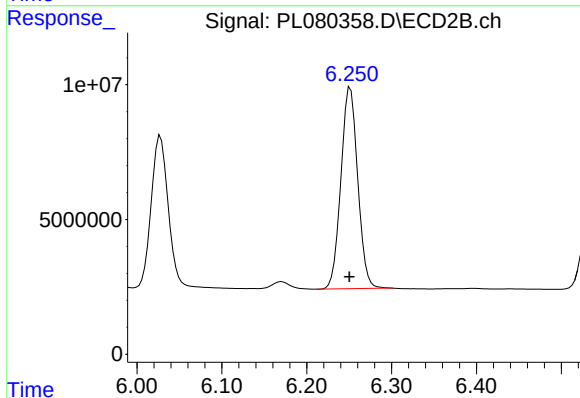
#19 Endosulfan Sulfate

R.T.: 6.946 min
Delta R.T.: 0.007 min
Response: 94356912
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

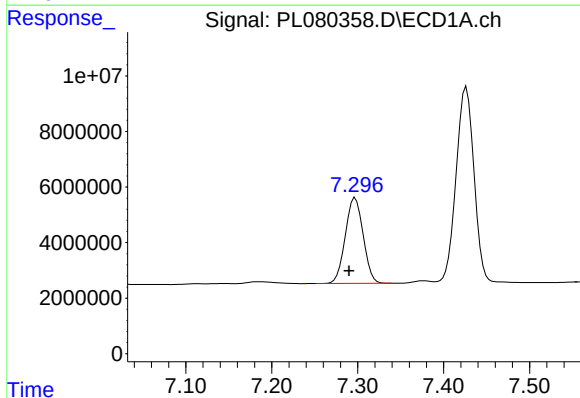
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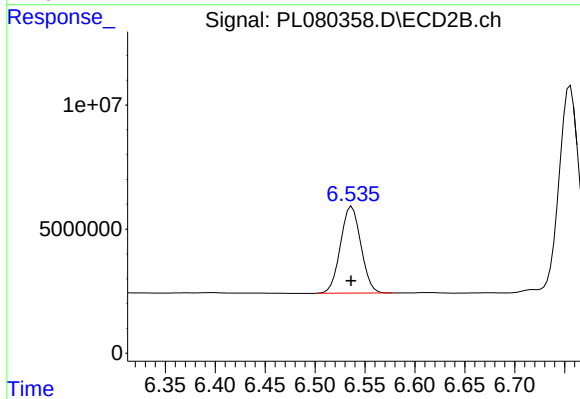
#19 Endosulfan Sulfate

R.T.: 6.251 min
Delta R.T.: 0.001 min
Response: 102770224
Conc: 44.27 ng/ml



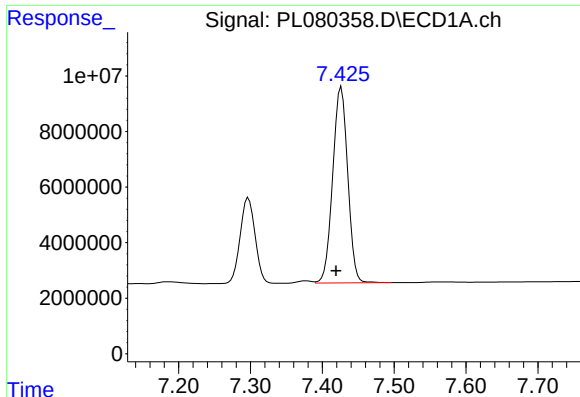
#20 Methoxychlor

R.T.: 7.297 min
Delta R.T.: 0.007 min
Response: 44629727
Conc: 50.09 ng/ml



#20 Methoxychlor

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 49789409
Conc: 41.42 ng/ml



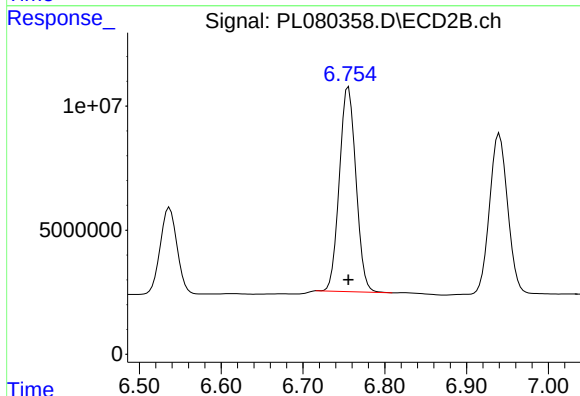
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: 0.007 min
Response: 102290840
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

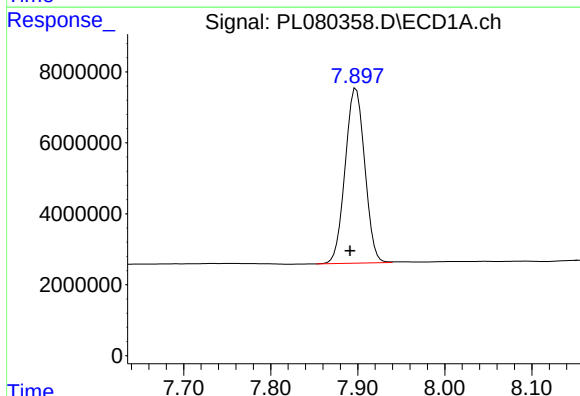
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Reviewed By :Abdul Mirza 01/18/2023
Supervised By :Ankita Jodhani 01/18/2023



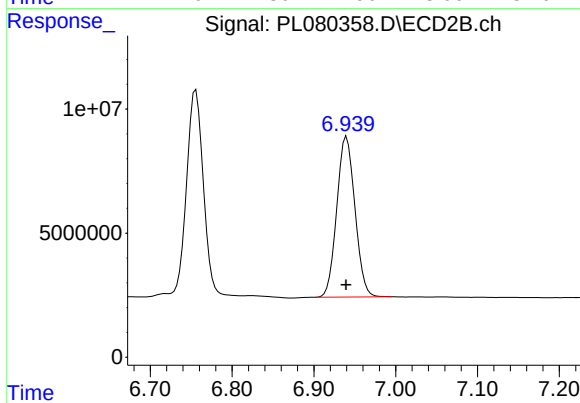
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 115811210
Conc: 46.00 ng/ml



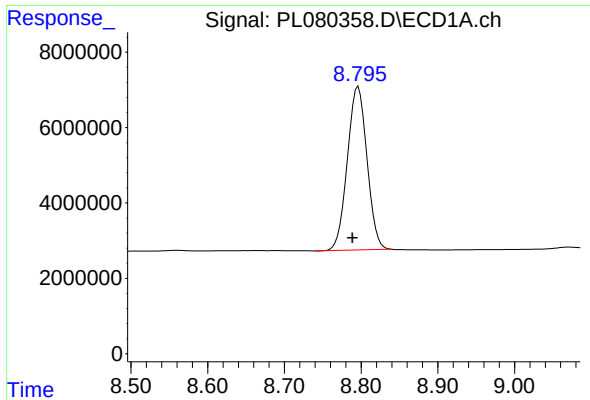
#22 Mirex

R.T.: 7.898 min
Delta R.T.: 0.007 min
Response: 77035514
Conc: 54.46 ng/ml



#22 Mirex

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 99610373
Conc: 44.25 ng/ml



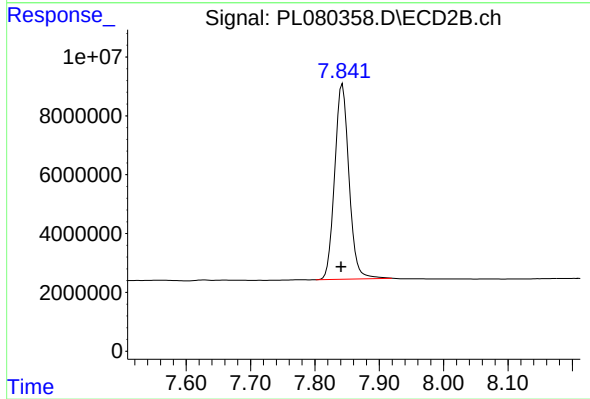
#28 Decachlorobiphenyl

R.T.: 8.796 min
Delta R.T.: 0.008 min
Response: 77576693
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2023
Supervised By :Ankita Jodhani 01/18/2023



#28 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: 0.002 min
Response: 102810566
Conc: 45.74 ng/ml