

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079624.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 20:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2023
 Supervised By : Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 03:20:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.569	2.804	74234801	120.5E6	45.978	52.036
28)	SA Decachlor...	9.114	7.947	84041730	109.9E6	41.895	45.090m
Target Compounds							
2)	A alpha-BHC	4.026	3.306	125.8E6	188.6E6	47.262	54.386
3)	MA gamma-BHC...	4.359	3.636	119.6E6	184.9E6	46.011	54.450
4)	MA Heptachlor	4.951	3.978	113.7E6	170.4E6	42.514	55.782 #
5)	MB Aldrin	5.295	4.259	116.7E6	177.2E6	45.282	54.163
6)	B beta-BHC	4.552	3.931	48178816	75804465	44.960	53.796
7)	B delta-BHC	4.800	4.162	118.2E6	188.5E6	44.166m	56.305 #
8)	B Heptachlo...	5.722	4.761	108.5E6	158.8E6	46.300	53.571
9)	A Endosulfan I	6.108	5.130	100.1E6	138.9E6	46.180	52.465m
10)	B gamma-Chl...	5.977	5.009	106.8E6	154.5E6	46.578	53.830m
11)	B alpha-Chl...	6.057	5.074	105.7E6	150.8E6	46.342	52.560m
12)	B 4,4'-DDE	6.228	5.264	97805935	144.2E6	46.286	54.179
13)	MA Dieldrin	6.384	5.395	106.5E6	157.5E6	45.731	53.020
14)	MA Endrin	6.614	5.671	82506407	132.1E6	42.363	51.614
15)	B Endosulfa...	6.832	5.963	89056028	133.4E6	43.663	53.421
16)	A 4,4'-DDD	6.745	5.818	78182765	124.1E6	44.474	54.321
17)	MA 4,4'-DDT	7.060	6.069	77880596	118.8E6	41.127	51.901 #
18)	B Endrin al...	6.960	6.142	67666332	100.3E6	43.817m	53.918
19)	B Endosulfa...	7.196	6.364	85041125	122.8E6	42.774	52.585
20)	A Methoxychlor	7.534	6.644	44059783	64571571	40.209	47.562
21)	B Endrin ke...	7.683	6.871	94145007	147.8E6	43.182	52.880
22)	Mirex	8.160	7.056	69524995	105.7E6	41.074	49.479

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079624.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 20:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

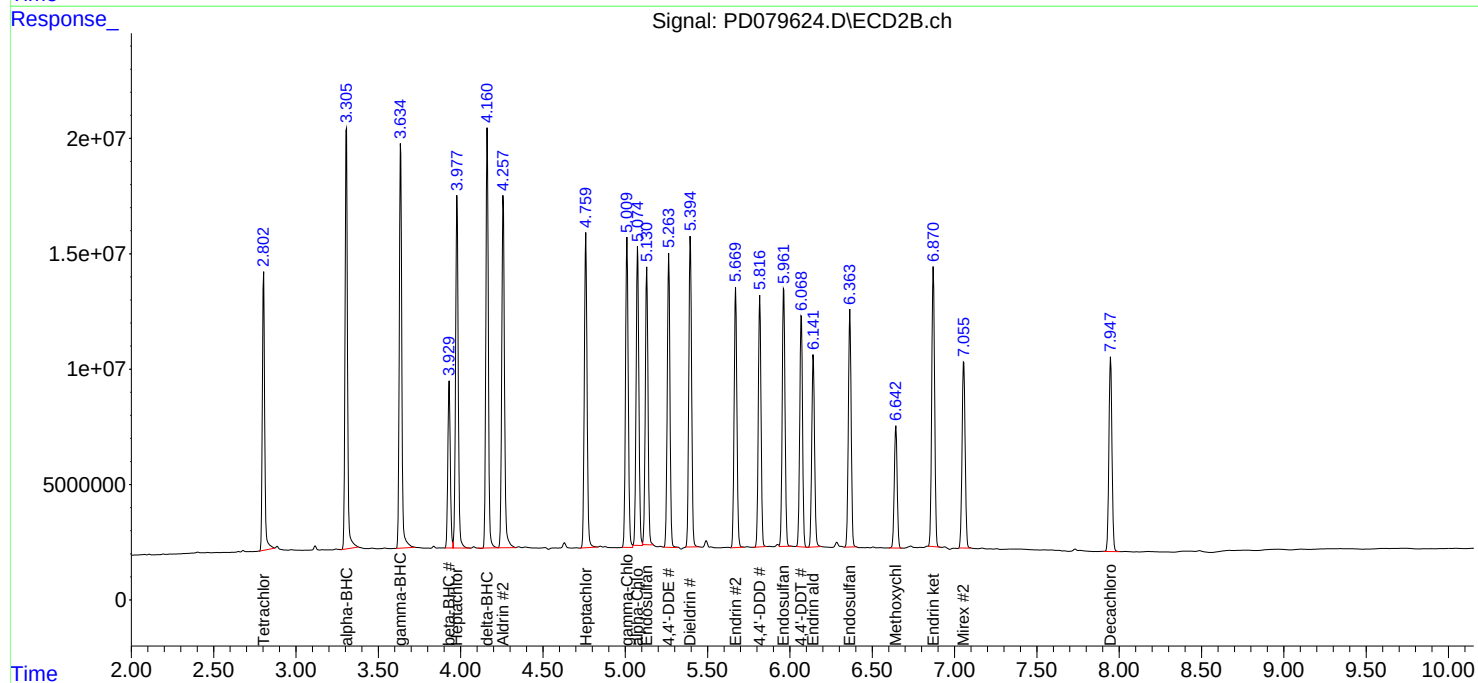
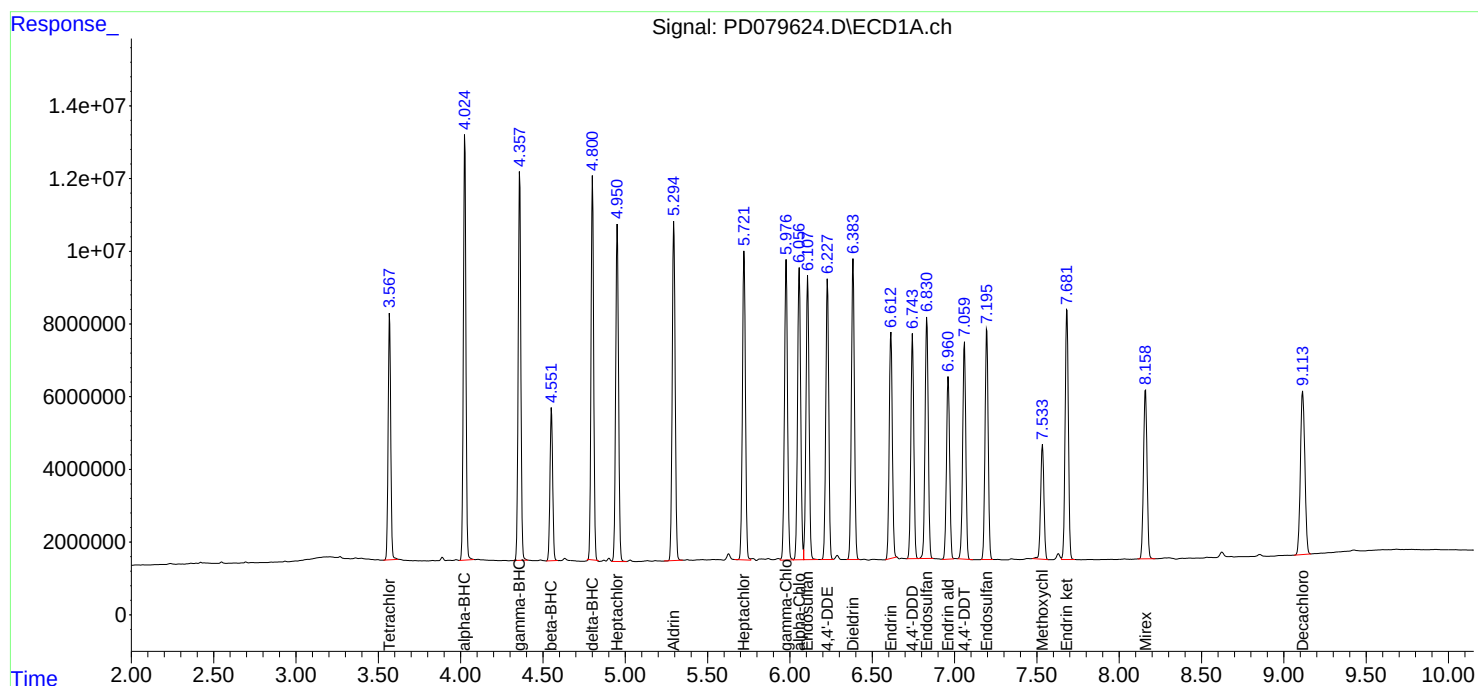
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

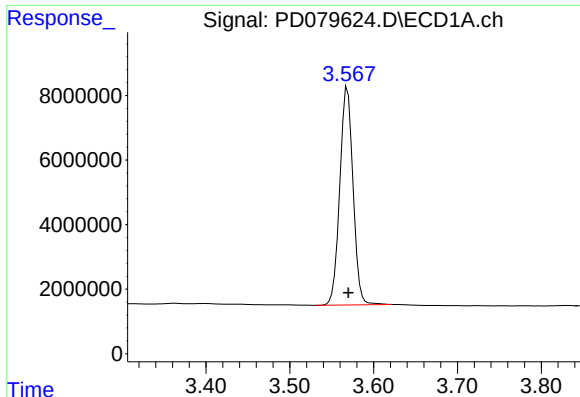
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 03:20:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 74234801
Conc: 45.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

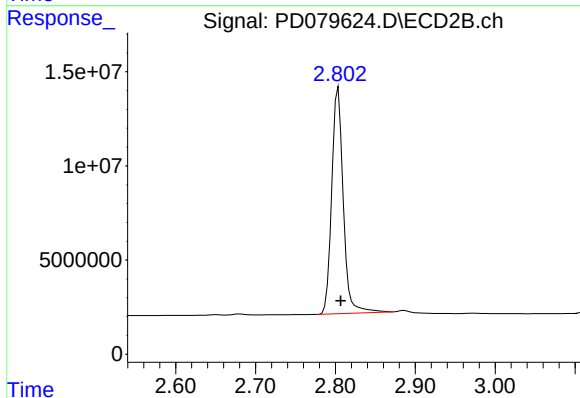
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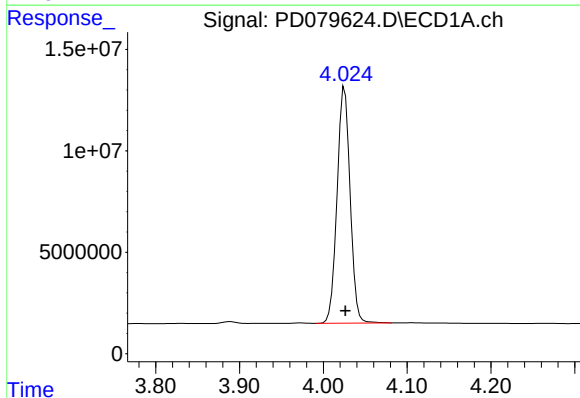
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023



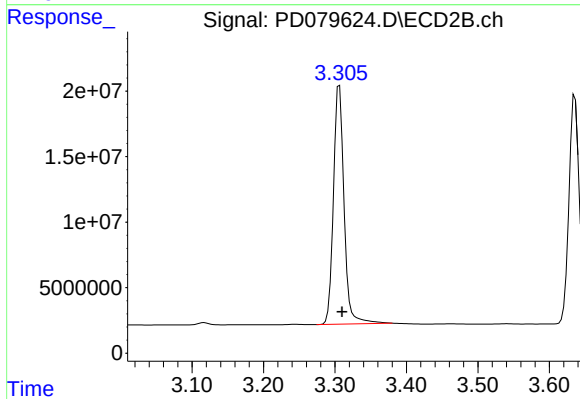
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 120478315
Conc: 52.04 ng/ml



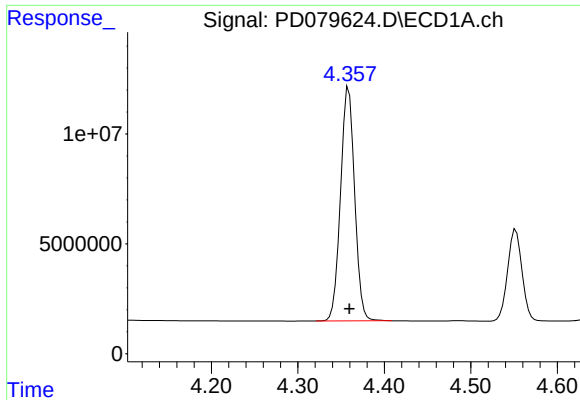
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 125813567
Conc: 47.26 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 188580018
Conc: 54.39 ng/ml



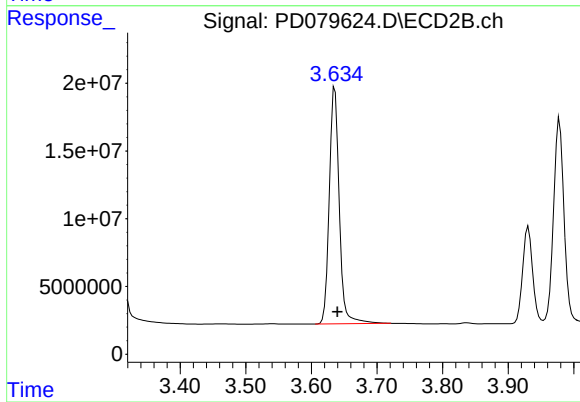
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 119575104
Conc: 46.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

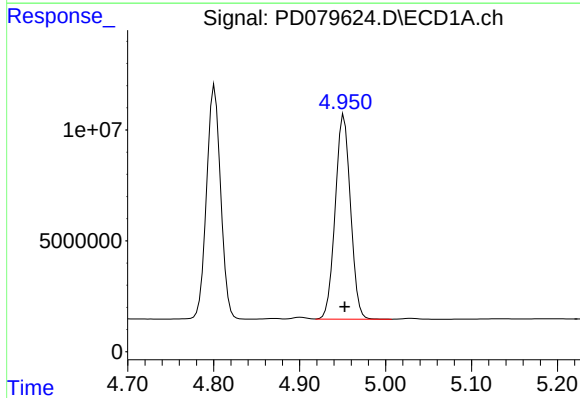
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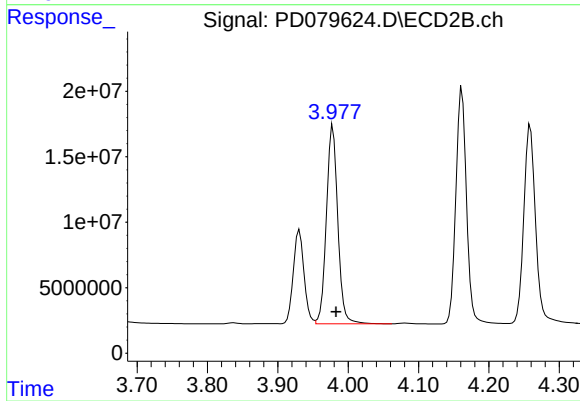
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 184902586
Conc: 54.45 ng/ml



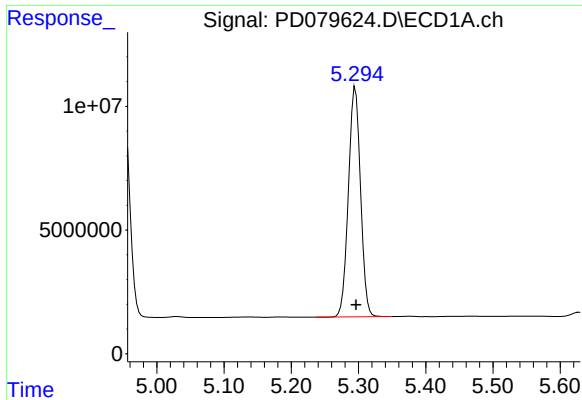
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 113721203
Conc: 42.51 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 170365776
Conc: 55.78 ng/ml



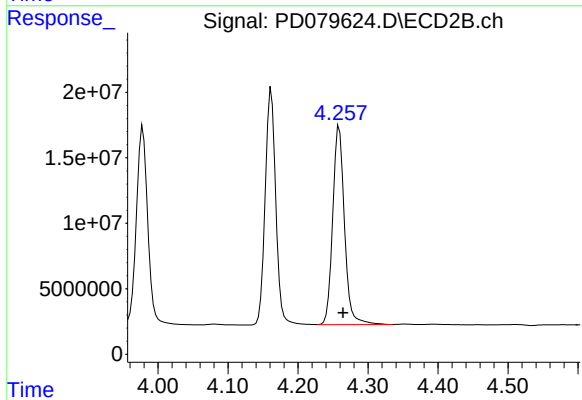
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 116683337
Conc: 45.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

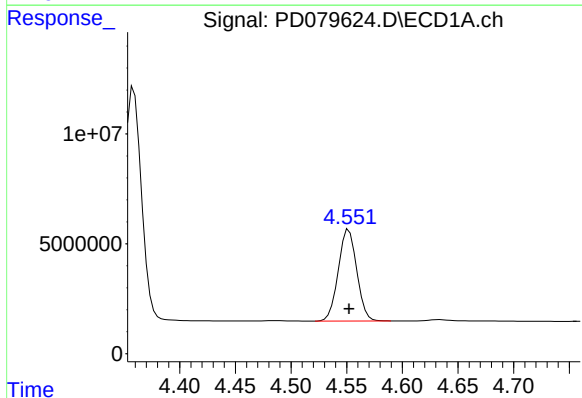
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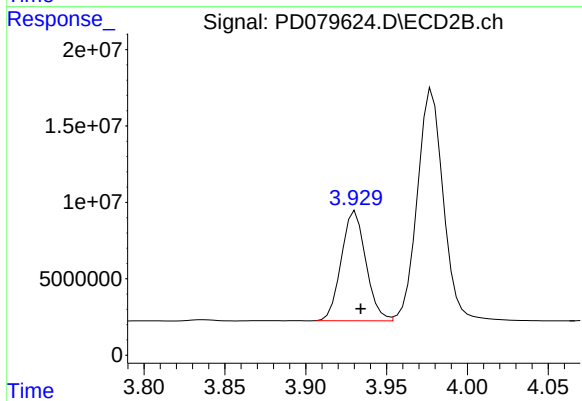
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 177184754
Conc: 54.16 ng/ml



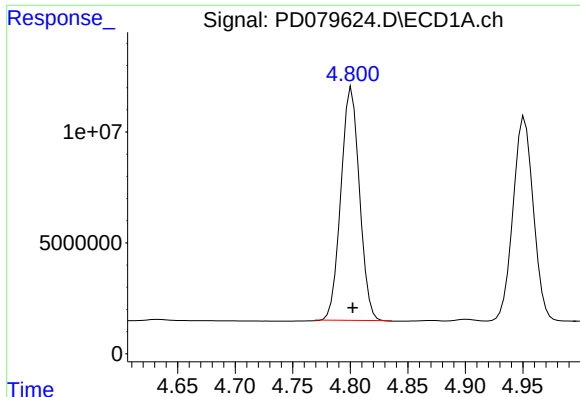
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 48178816
Conc: 44.96 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 75804465
Conc: 53.80 ng/ml



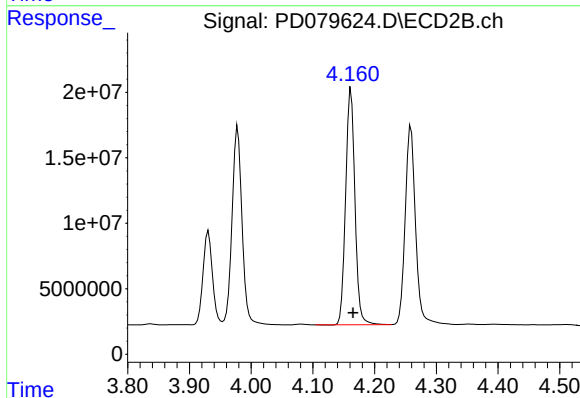
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 118235644
Conc: 44.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

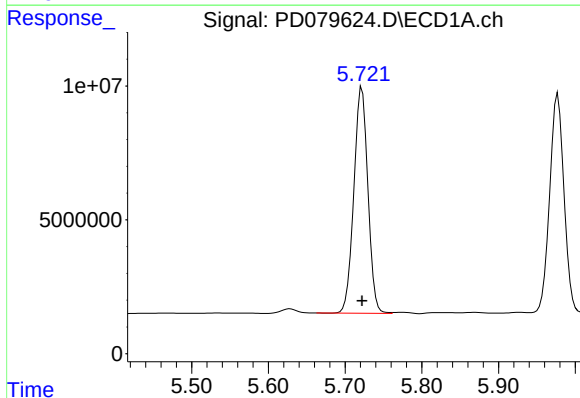
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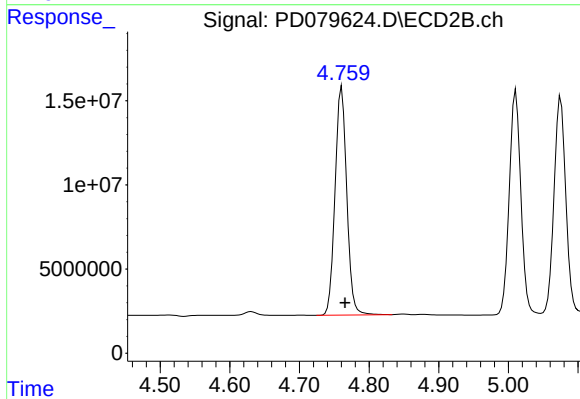
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 188523610
Conc: 56.31 ng/ml



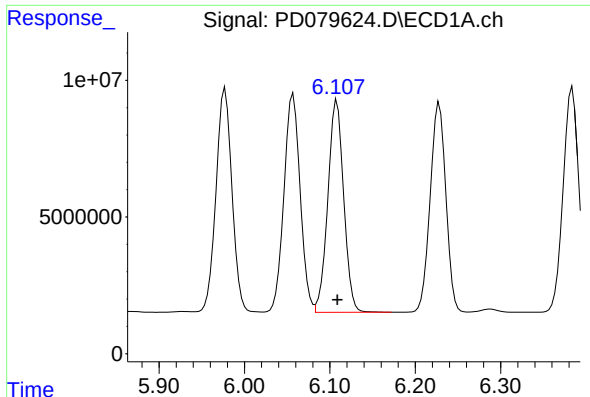
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 108513035
Conc: 46.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 158820206
Conc: 53.57 ng/ml



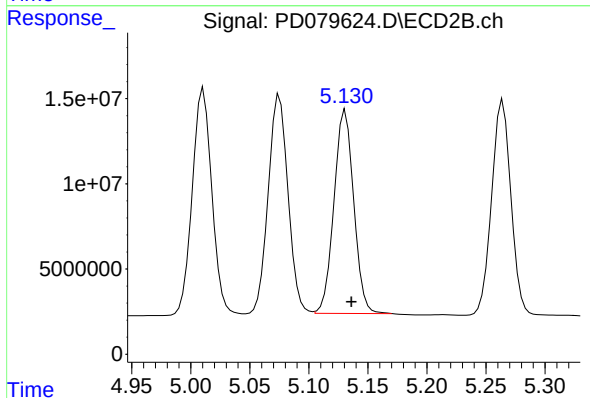
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 100115103
Conc: 46.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

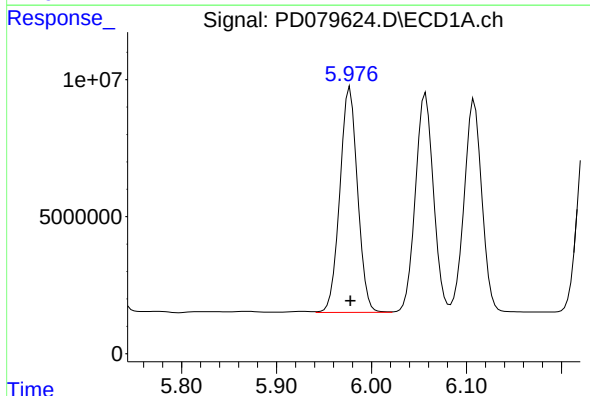
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Supervised By :Ankita Jodhani 11/10/2023



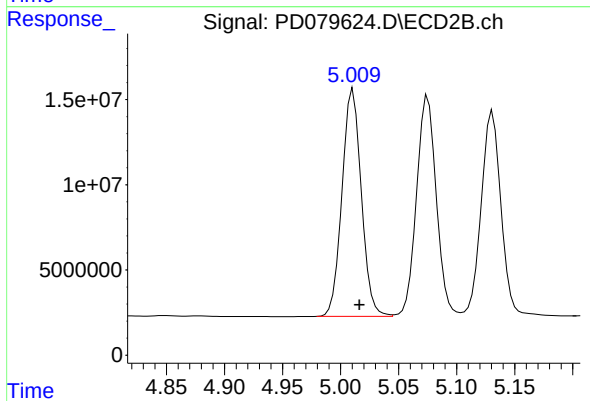
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 138911614
Conc: 52.46 ng/ml m



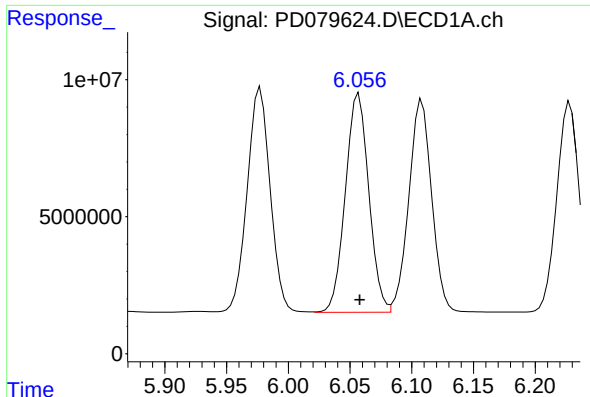
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 106790269
Conc: 46.58 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.007 min
Response: 154461519
Conc: 53.83 ng/ml m



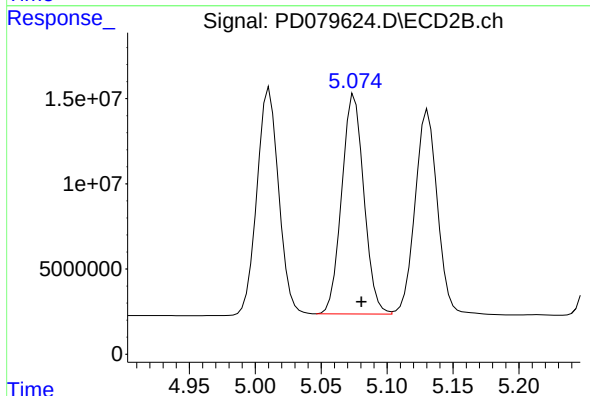
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 105669175
Conc: 46.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

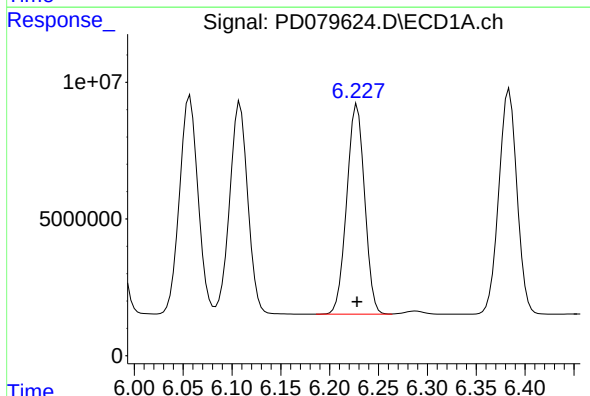
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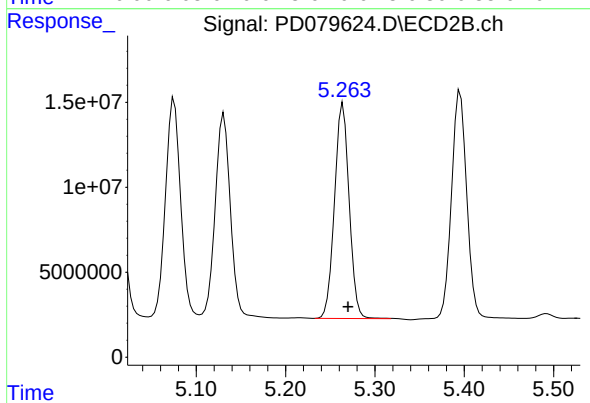
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 150840425
Conc: 52.56 ng/ml m



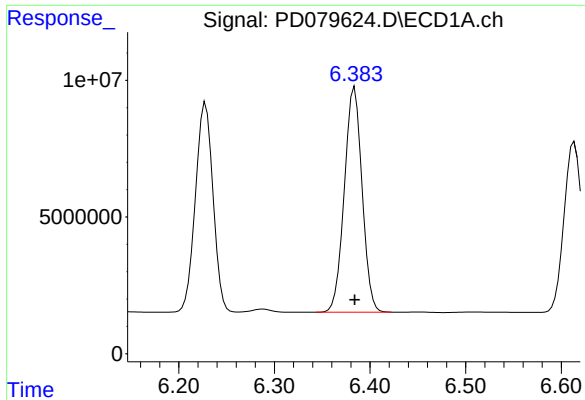
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 97805935
Conc: 46.29 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 144246490
Conc: 54.18 ng/ml



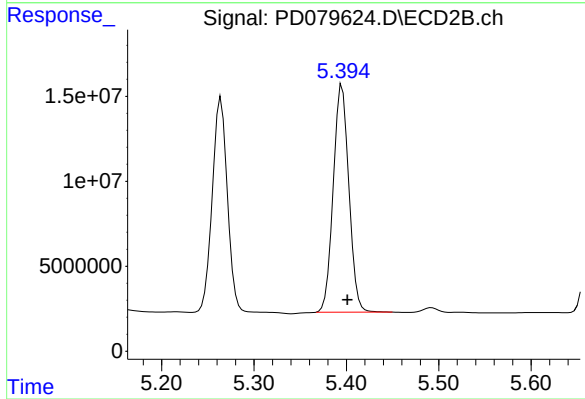
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 106500448
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

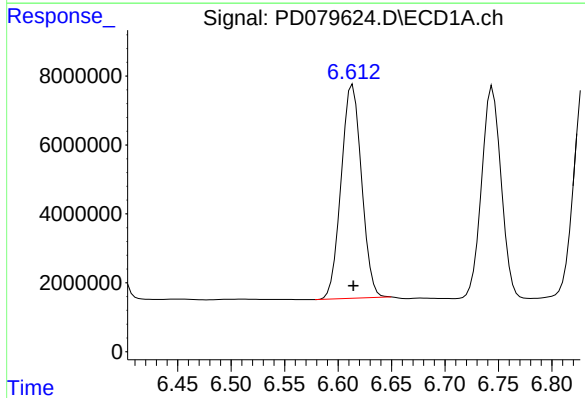
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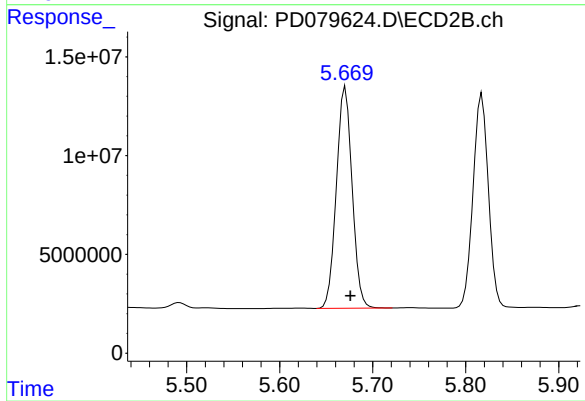
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 157465298
Conc: 53.02 ng/ml



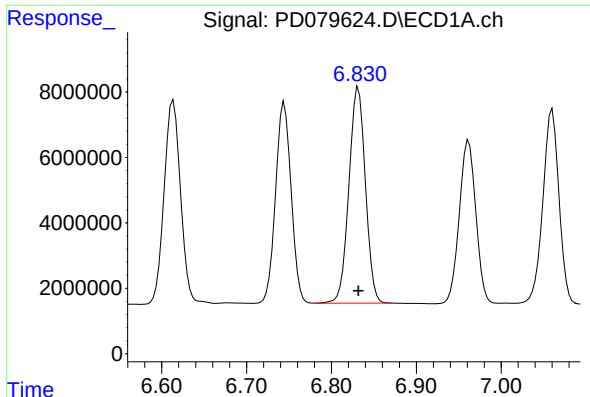
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 82506407
Conc: 42.36 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 132085479
Conc: 51.61 ng/ml



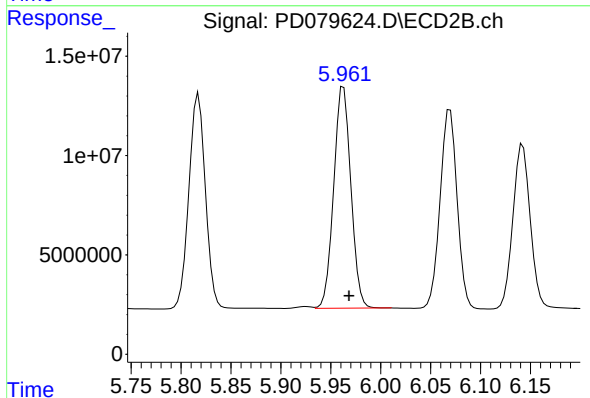
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 89056028
Conc: 43.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

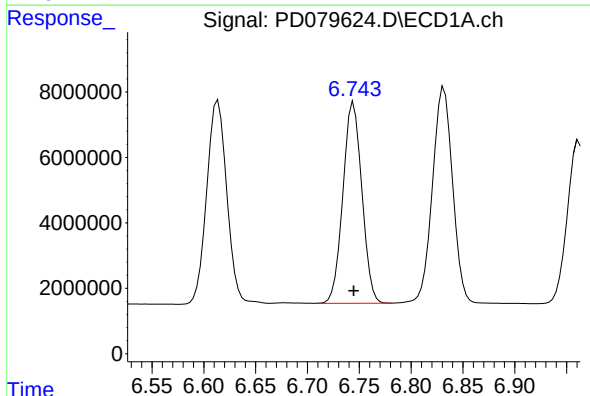
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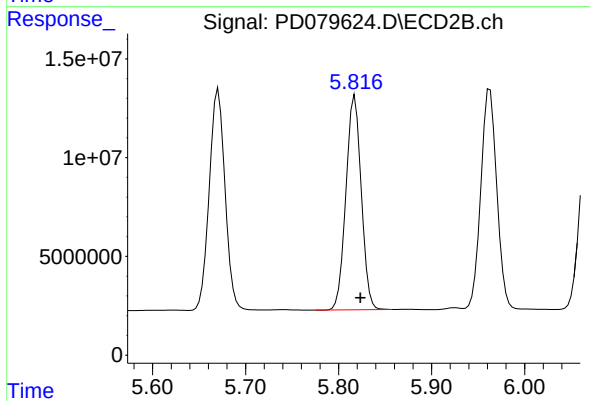
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.006 min
Response: 133365053
Conc: 53.42 ng/ml



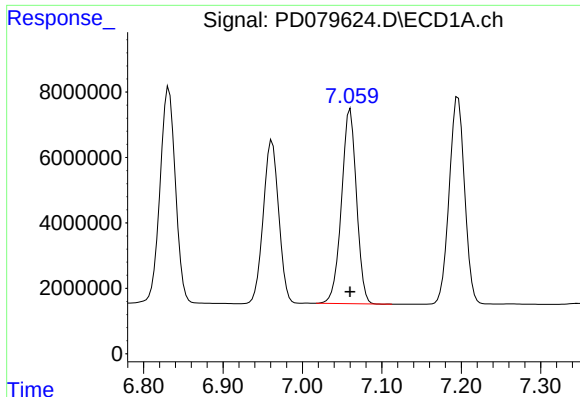
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 78182765
Conc: 44.47 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 124083494
Conc: 54.32 ng/ml



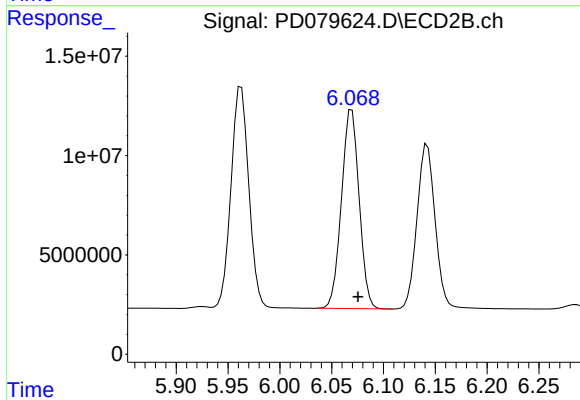
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 77880596
Conc: 41.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

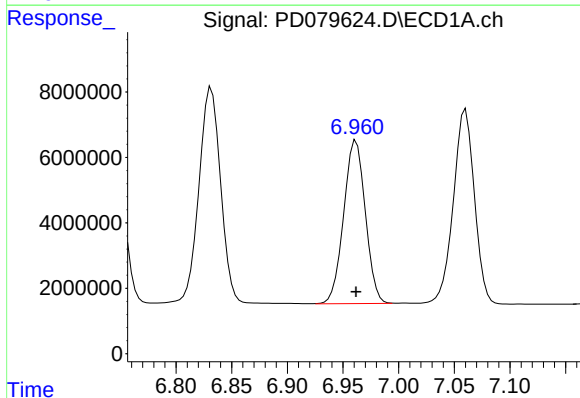
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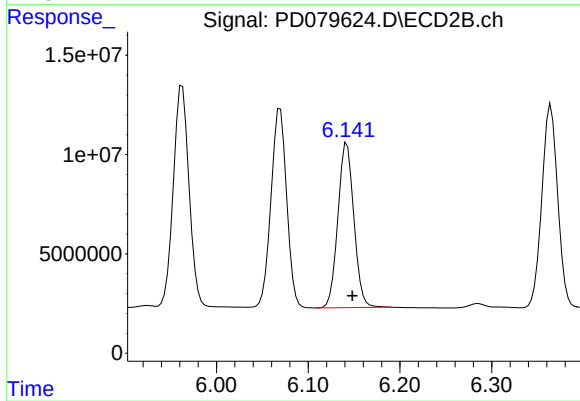
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 118820269
Conc: 51.90 ng/ml



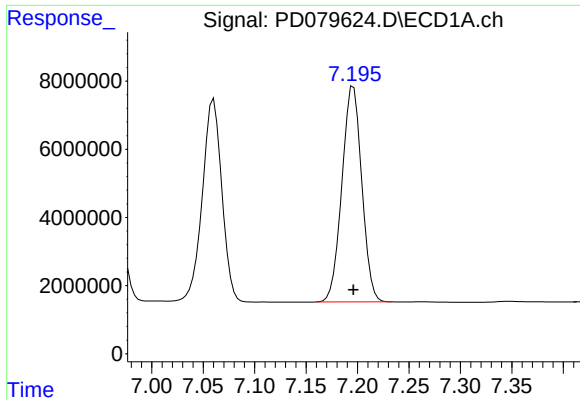
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 67666332
Conc: 43.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 100250102
Conc: 53.92 ng/ml



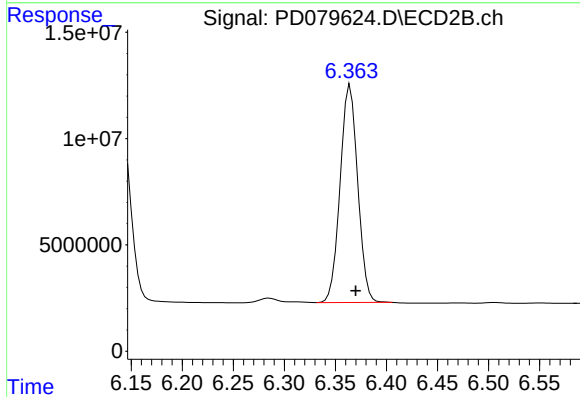
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 85041125
Conc: 42.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

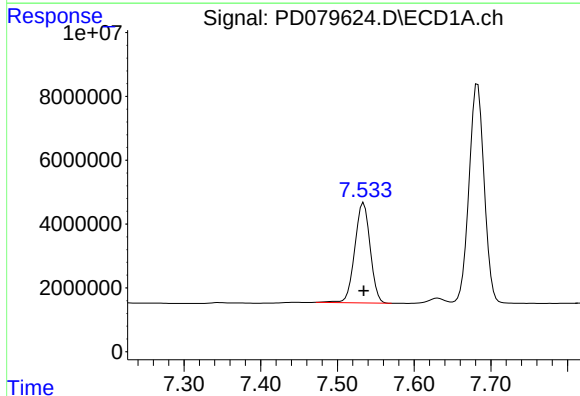
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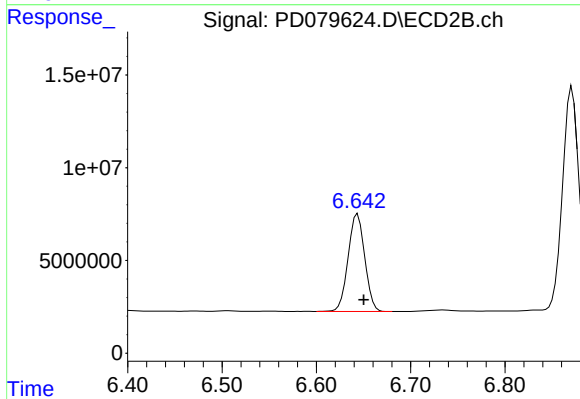
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: -0.005 min
Response: 122777810
Conc: 52.59 ng/ml



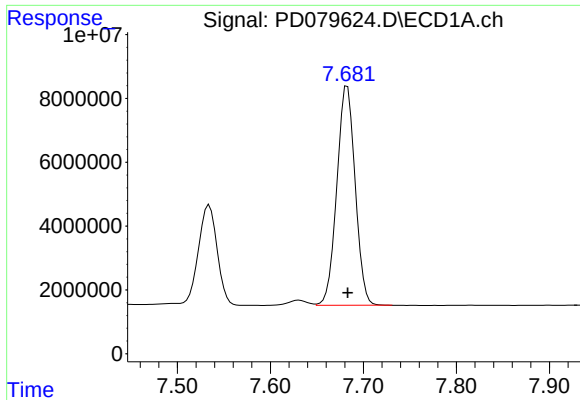
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 44059783
Conc: 40.21 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 64571571
Conc: 47.56 ng/ml



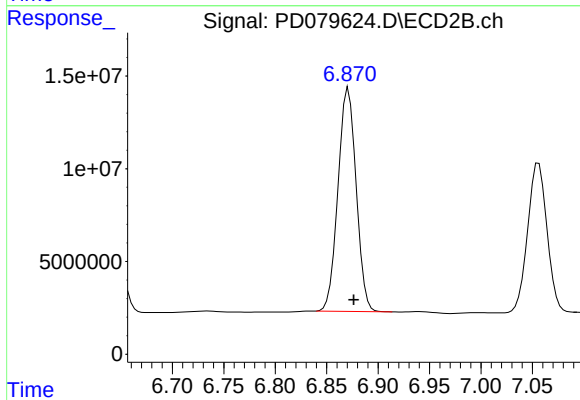
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 94145007
Conc: 43.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

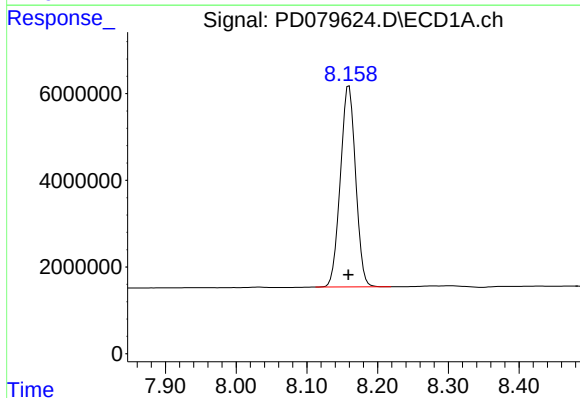
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Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



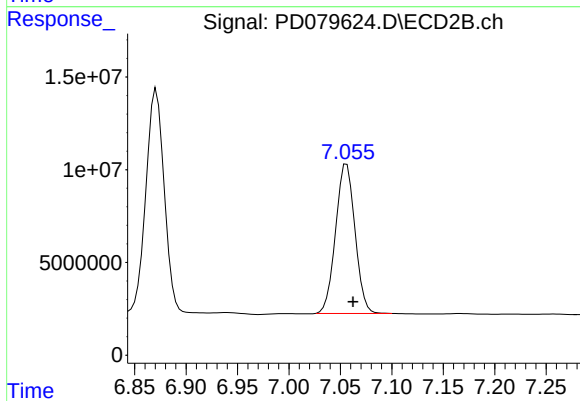
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 147837028
Conc: 52.88 ng/ml



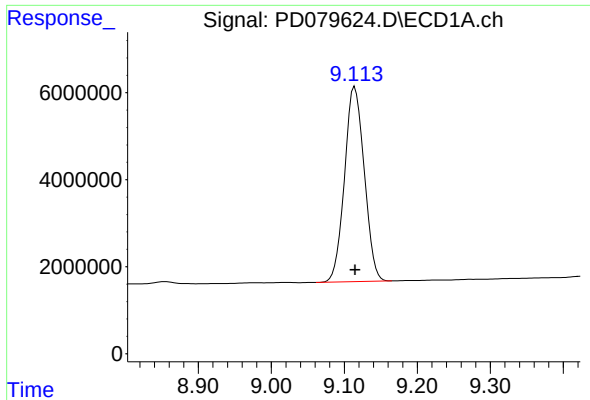
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 69524995
Conc: 41.07 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 105703885
Conc: 49.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 84041730
Conc: 41.89 ng/ml

Instrument :

ECD_D

ClientSampleId :

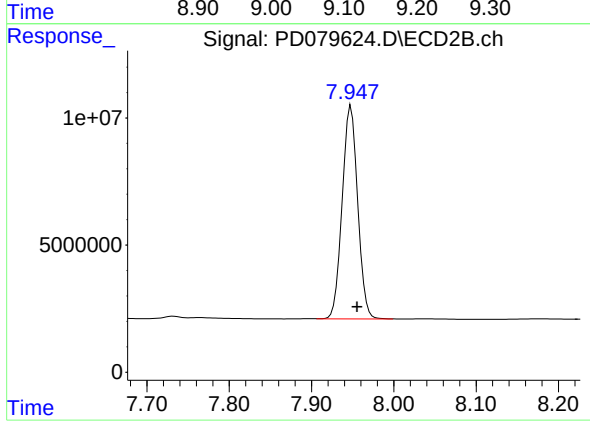
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: -0.009 min
Response: 109906295
Conc: 45.09 ng/ml m