

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 10:31
 Operator : AR\AJ
 Sample : PB156987BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156987BS

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 09 20:02:10 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...	3.576	2.800	28302974	45472101	17.530	19.640
28)	SA Decachlor...	9.128	7.950	41293598	53974621	20.585	22.144
Target Compounds							
2)	A alpha-BHC	4.033	3.303	123.5E6	181.4E6	46.405	52.309
3)	MA gamma-BHC...	4.366	3.633	119.4E6	176.6E6	45.940	52.018
4)	MA Heptachlor	4.960	3.975	120.0E6	164.6E6	44.846	53.904
5)	MB Aldrin	5.304	4.257	119.6E6	171.3E6	46.427	52.376
6)	B beta-BHC	4.560	3.928	47301477	69292028	44.141	49.175
7)	B delta-BHC	4.810	4.159	120.2E6	174.7E6	44.916	52.184
8)	B Heptachlo...	5.730	4.759	109.9E6	156.6E6	46.887	52.836
9)	A Endosulfan I	6.117	5.128	102.4E6	140.9E6	47.238	53.201m
10)	B gamma-Chl...	5.986	5.008	107.7E6	152.8E6	46.972	53.239m
11)	B alpha-Chl...	6.066	5.072	106.9E6	149.8E6	46.887	52.185m
12)	B 4,4'-DDE	6.237	5.263	100.5E6	144.4E6	47.565	54.233
13)	MA Dieldrin	6.391	5.395	111.4E6	159.4E6	47.853m	53.678
14)	MA Endrin	6.622	5.670	89292001	135.9E6	45.847m	53.123
15)	B Endosulfa...	6.840	5.962	95042525	136.4E6	46.598	54.644
16)	A 4,4'-DDD	6.754	5.816	84841262	125.9E6	48.262	55.125
17)	MA 4,4'-DDT	7.070	6.069	88845413	124.2E6	46.917	54.270
18)	B Endrin al...	6.970	6.142	77605019	109.0E6	50.252	58.634
19)	B Endosulfa...	7.205	6.365	93108175	129.7E6	46.832	55.562
20)	A Methoxychlor	7.544	6.644	48702706	68744898	44.446	50.636
21)	B Endrin ke...	7.692	6.871	108.2E6	158.0E6	49.612	56.527
22)	Mirex	8.168	7.057	92354225	133.9E6	54.562	62.687

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 10:31
Operator : AR\AJ
Sample : PB156987BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB156987BS

Manual Integrations

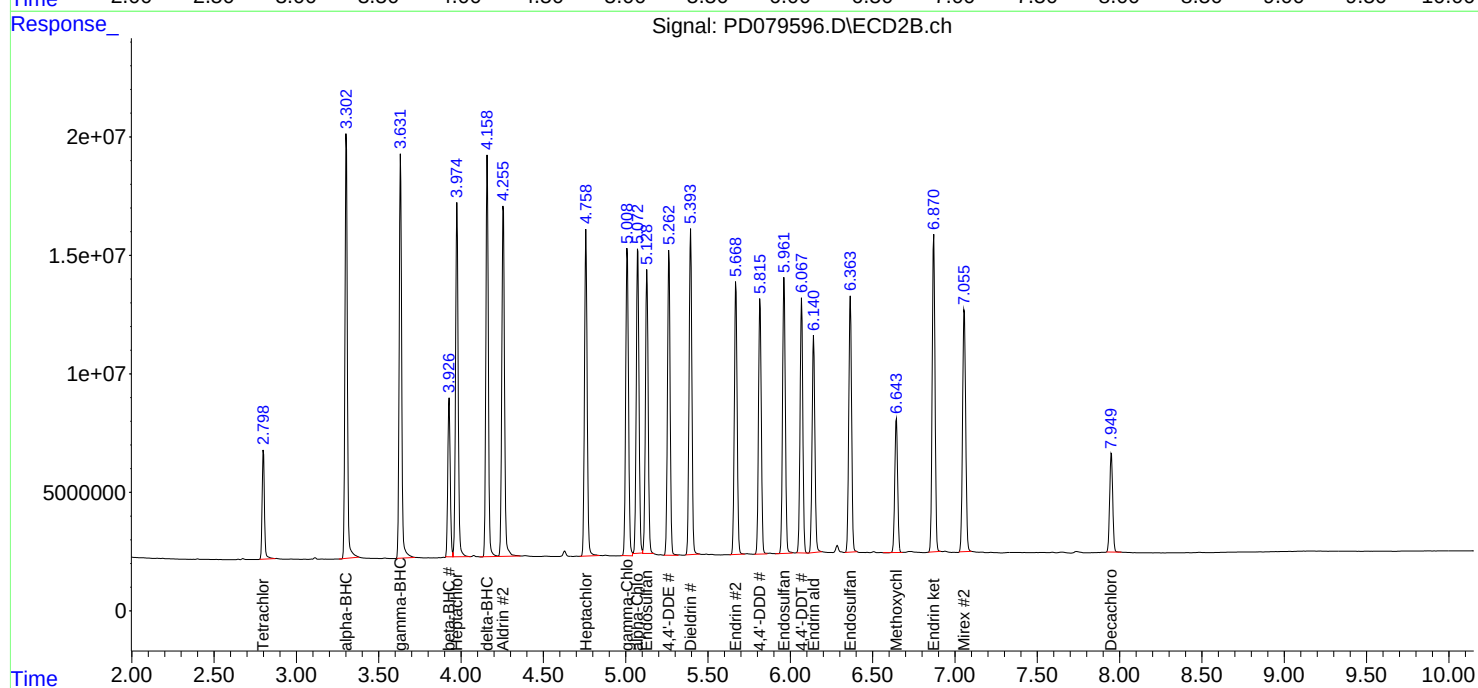
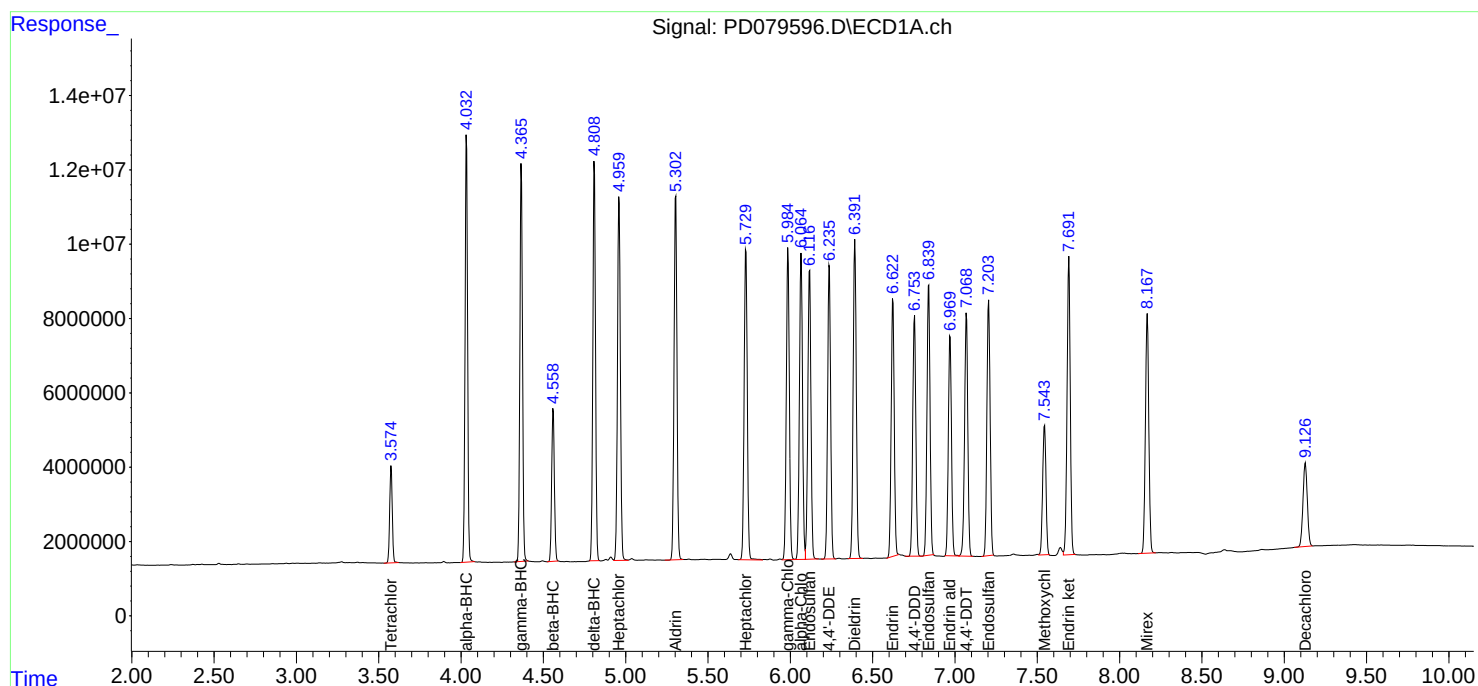
APPROVED

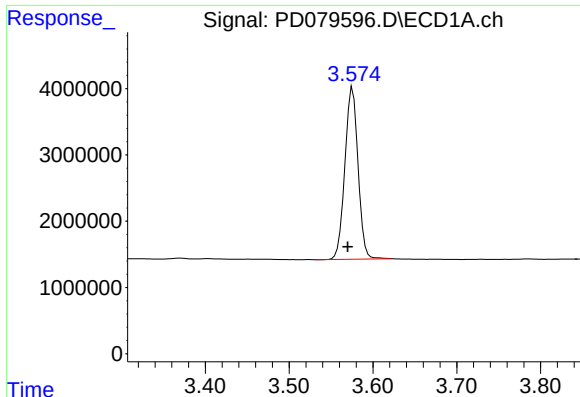
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:02:10 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.: 3.576 min
Delta R.T.: 0.006 min
Response: 28302974
Conc: 17.53 ng/ml

Instrument :

ECD_D

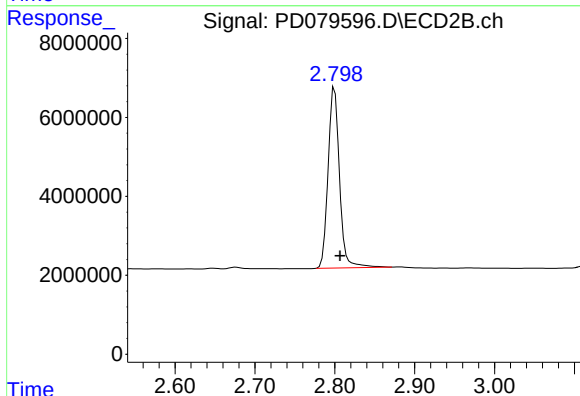
ClientSampleId :

PB156987BS

Manual Integrations

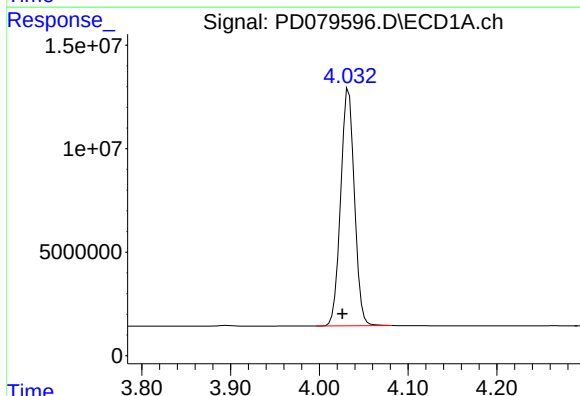
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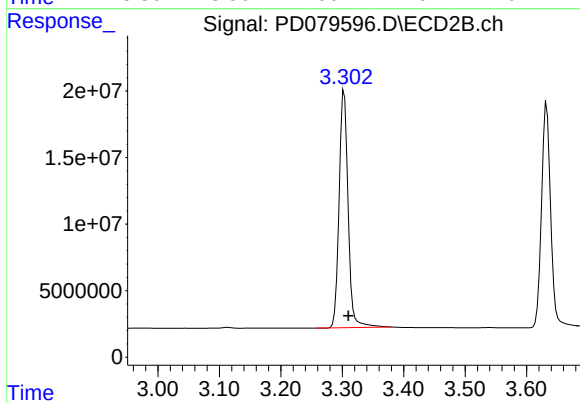
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: -0.007 min
Response: 45472101
Conc: 19.64 ng/ml



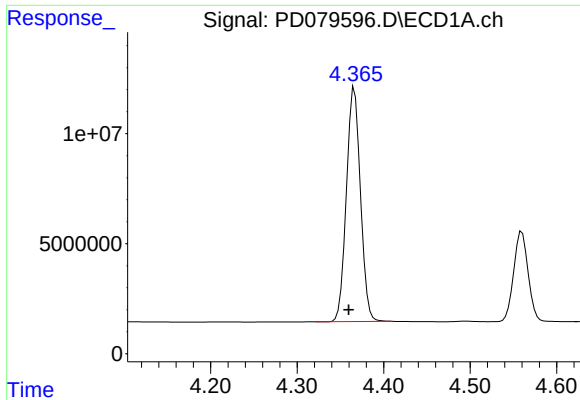
#2 alpha-BHC

R.T.: 4.033 min
Delta R.T.: 0.007 min
Response: 123532261
Conc: 46.40 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: -0.007 min
Response: 181378984
Conc: 52.31 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.007 min
Response: 119389419
Conc: 45.94 ng/ml

Instrument :

ECD_D

ClientSampleId :

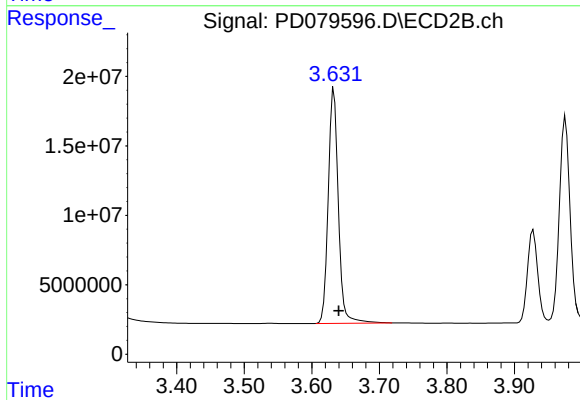
PB156987BS

Manual Integrations

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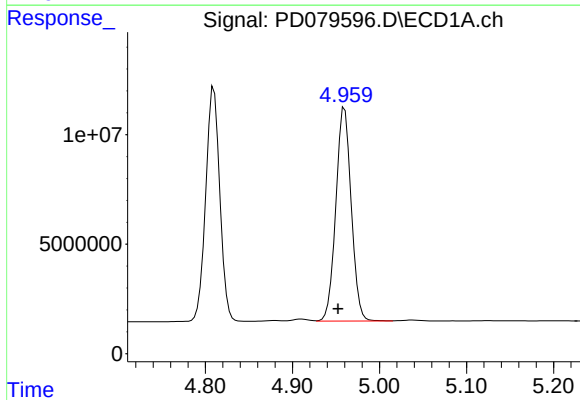
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023



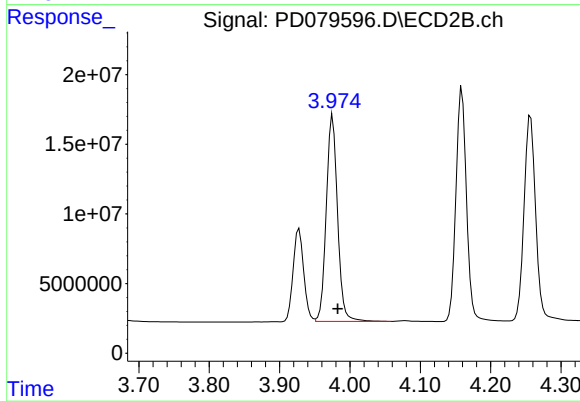
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: -0.007 min
Response: 176641123
Conc: 52.02 ng/ml



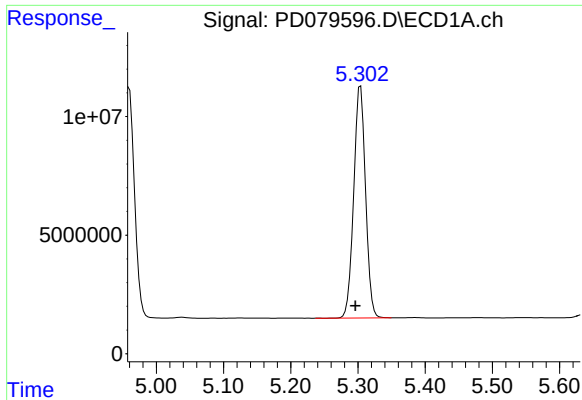
#4 Heptachlor

R.T.: 4.960 min
Delta R.T.: 0.007 min
Response: 119961246
Conc: 44.85 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: -0.007 min
Response: 164630332
Conc: 53.90 ng/ml



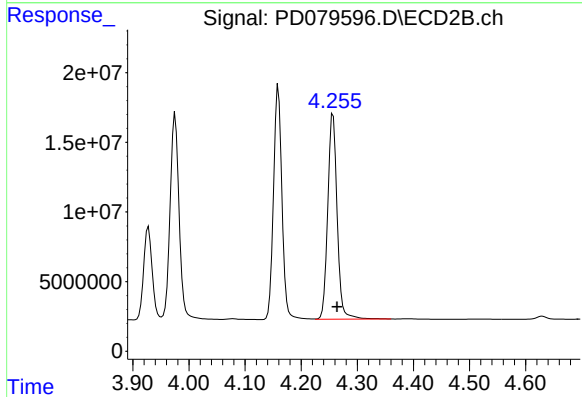
#5 Aldrin

R.T.: 5.304 min
Delta R.T.: 0.008 min
Response: 119632222
Conc: 46.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

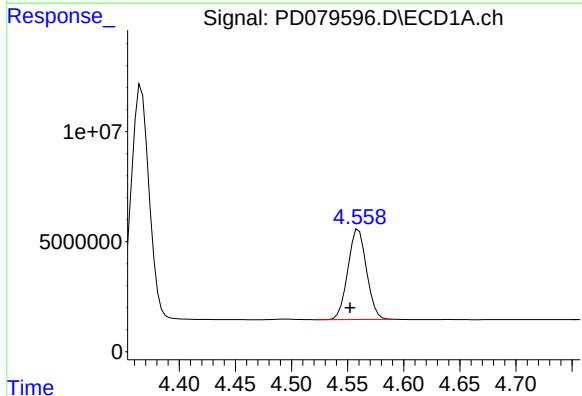
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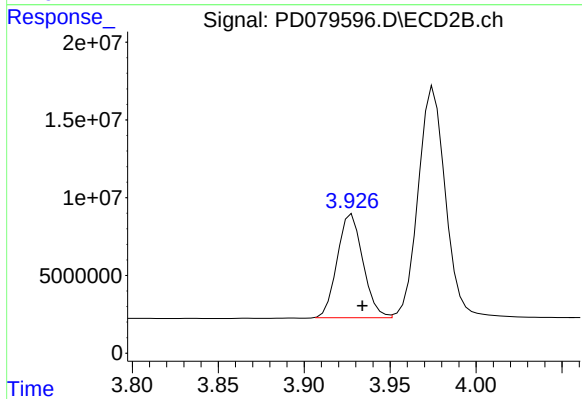
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: -0.008 min
Response: 171339854
Conc: 52.38 ng/ml



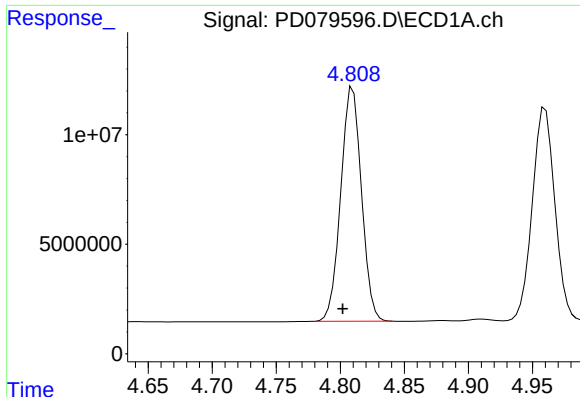
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: 0.008 min
Response: 47301477
Conc: 44.14 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: -0.006 min
Response: 69292028
Conc: 49.17 ng/ml



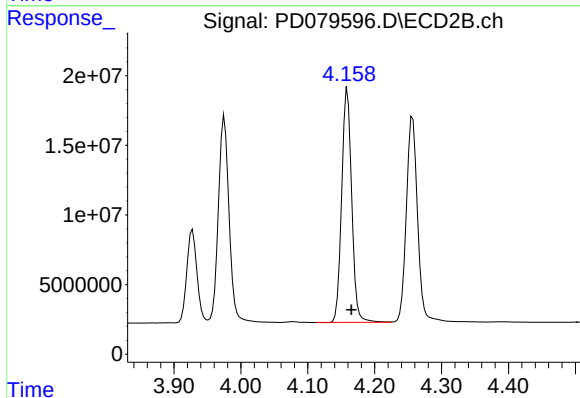
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: 0.008 min
Response: 120241982
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

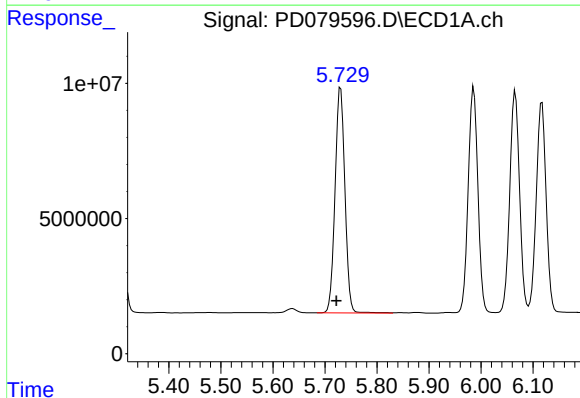
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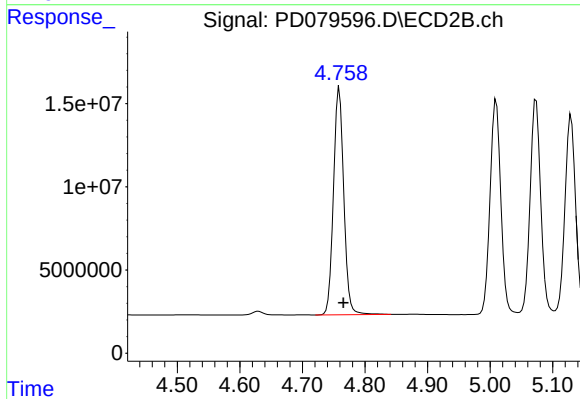
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.006 min
Response: 174725101
Conc: 52.18 ng/ml



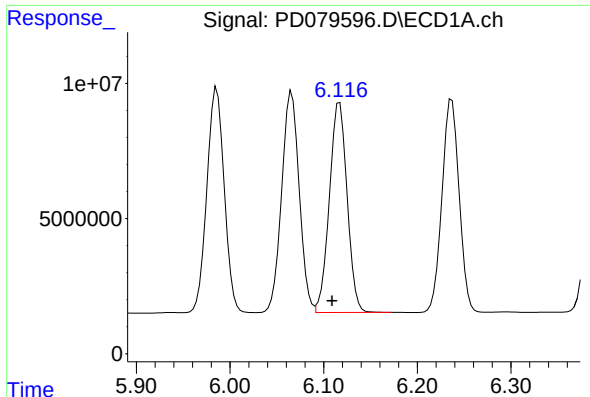
#8 Heptachlor epoxide

R.T.: 5.730 min
Delta R.T.: 0.008 min
Response: 109889528
Conc: 46.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 156641881
Conc: 52.84 ng/ml



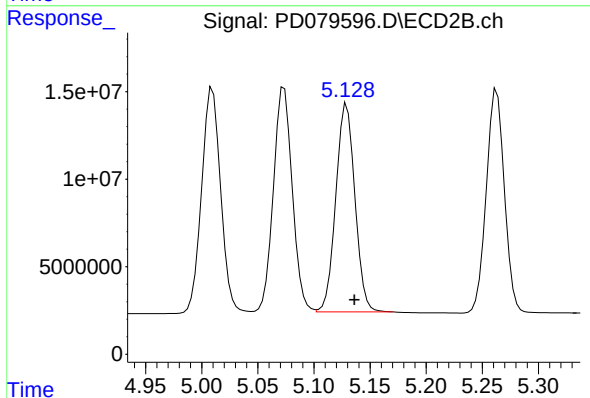
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: 0.008 min
Response: 102409033
Conc: 47.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

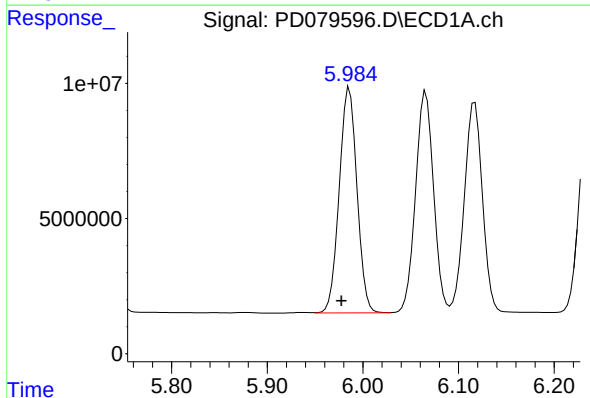
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Supervised By :Ankita Jodhani 11/10/2023



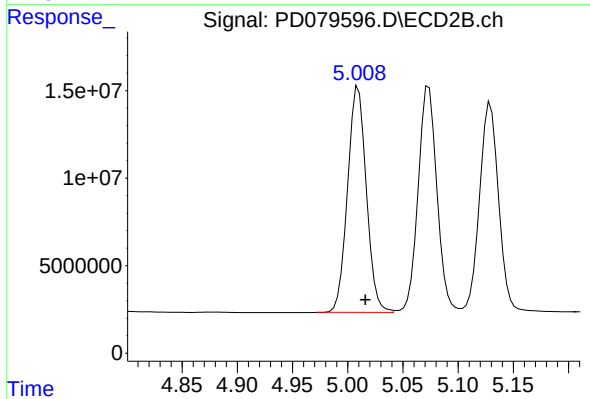
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: -0.008 min
Response: 140859415
Conc: 53.20 ng/ml m



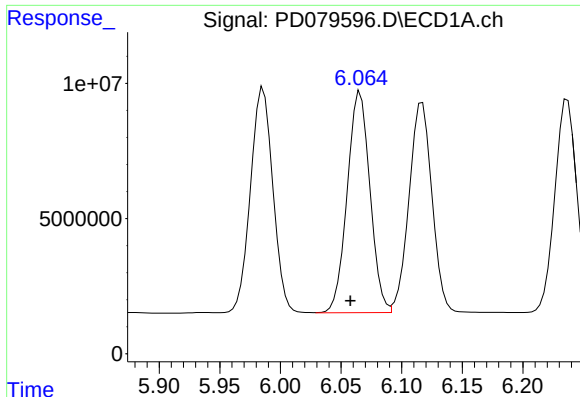
#10 gamma-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.008 min
Response: 107693817
Conc: 46.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: -0.008 min
Response: 152766029
Conc: 53.24 ng/ml m



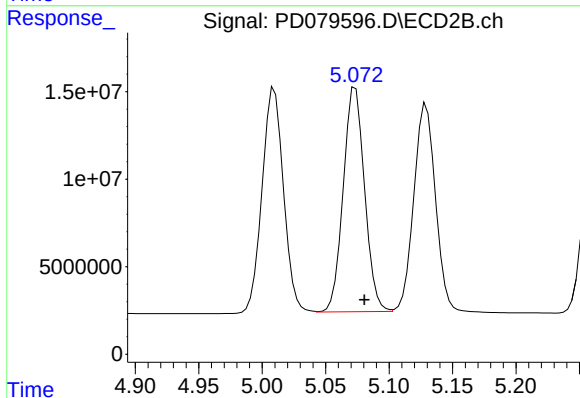
#11 alpha-Chlordane

R.T.: 6.066 min
Delta R.T.: 0.008 min
Response: 106912682
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

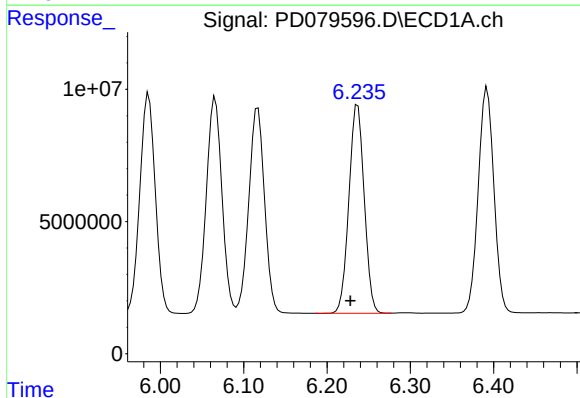
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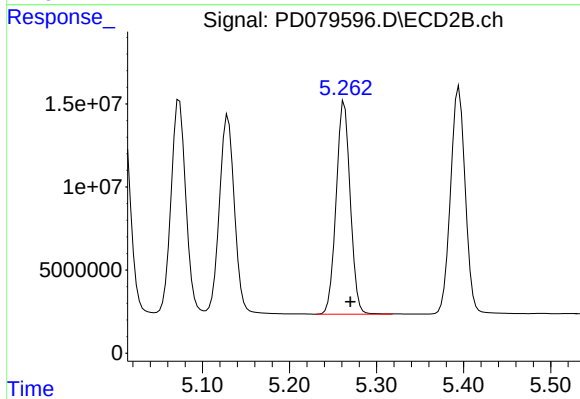
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: -0.008 min
Response: 149764144
Conc: 52.19 ng/ml m



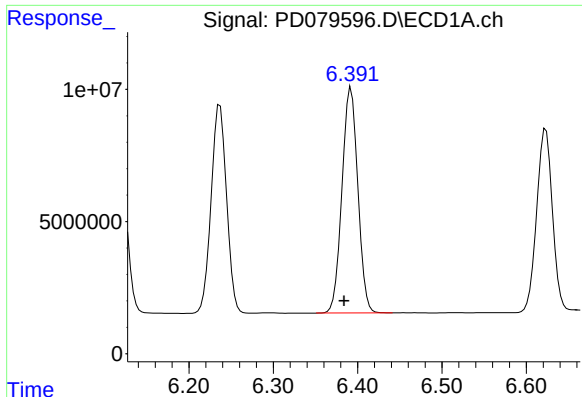
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: 0.009 min
Response: 100509031
Conc: 47.57 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.007 min
Response: 144390649
Conc: 54.23 ng/ml



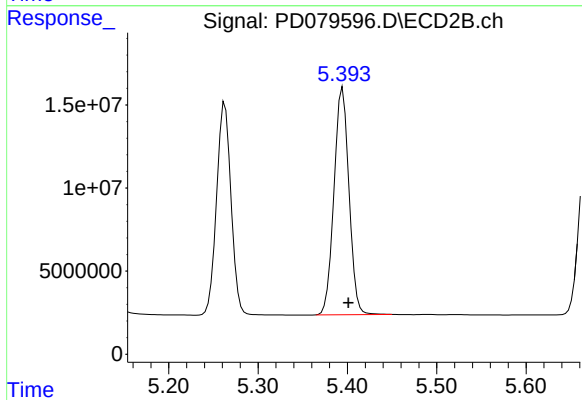
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: 0.007 min
Response: 111441387
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

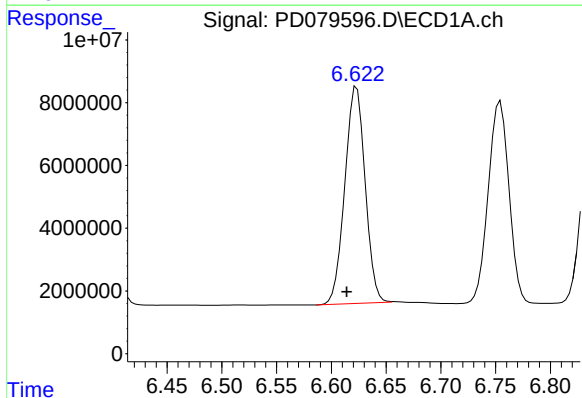
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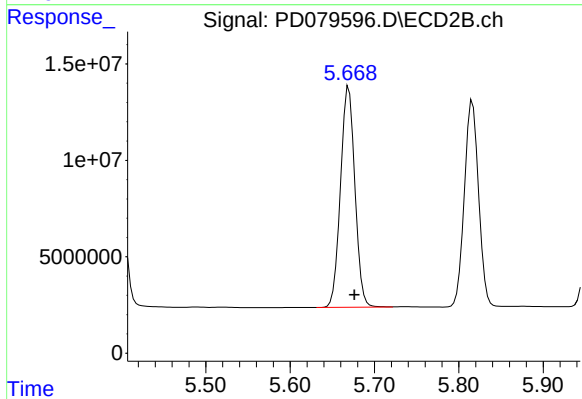
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 159418053
Conc: 53.68 ng/ml



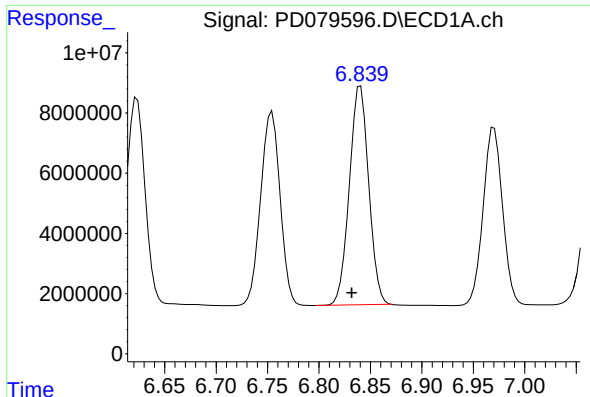
#14 Endrin

R.T.: 6.622 min
Delta R.T.: 0.008 min
Response: 89292001
Conc: 45.85 ng/ml m



#14 Endrin

R.T.: 5.670 min
Delta R.T.: -0.007 min
Response: 135948549
Conc: 53.12 ng/ml



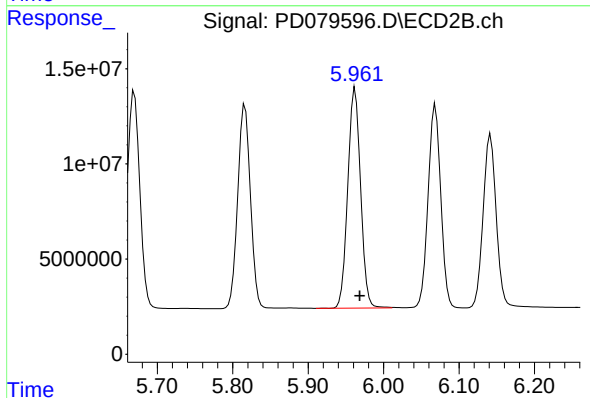
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: 0.009 min
Response: 95042525
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

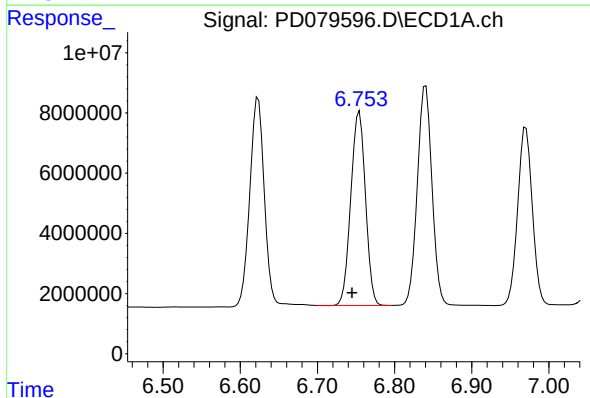
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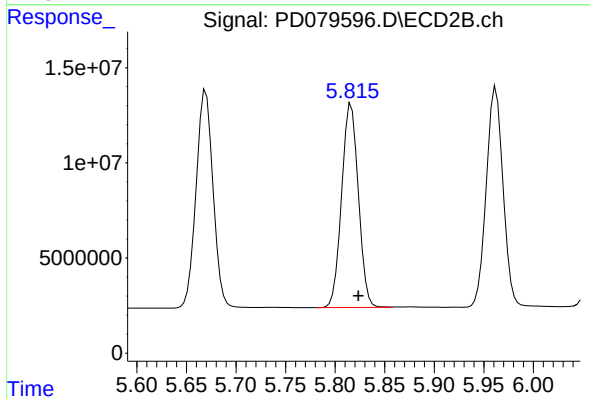
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 136419736
Conc: 54.64 ng/ml



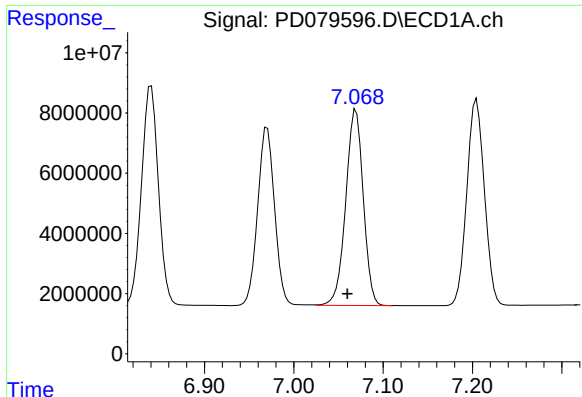
#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: 0.010 min
Response: 84841262
Conc: 48.26 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.007 min
Response: 125918537
Conc: 55.12 ng/ml



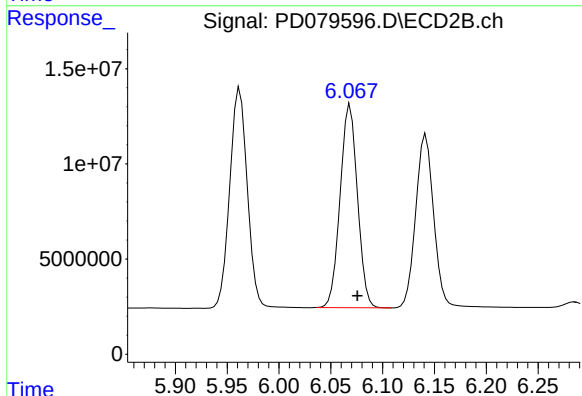
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.009 min
Response: 88845413
Conc: 46.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

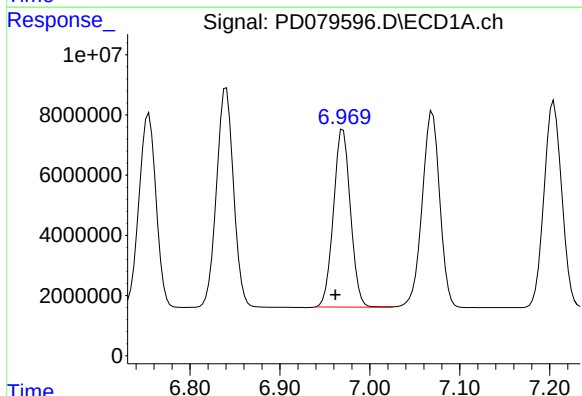
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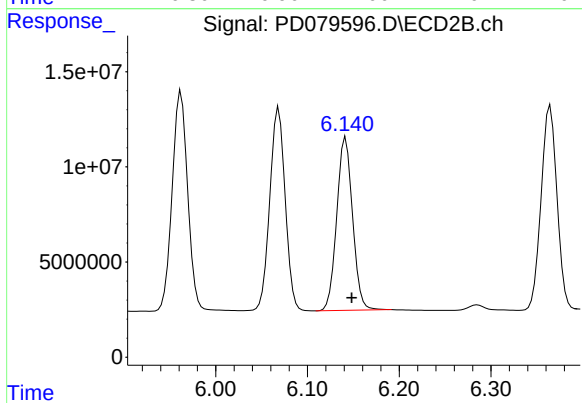
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 124244407
Conc: 54.27 ng/ml



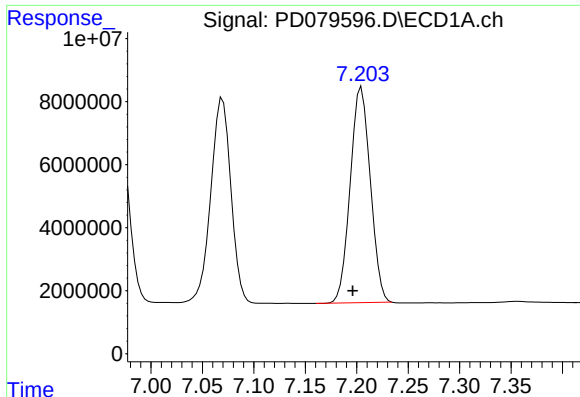
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.008 min
Response: 77605019
Conc: 50.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 109018081
Conc: 58.63 ng/ml



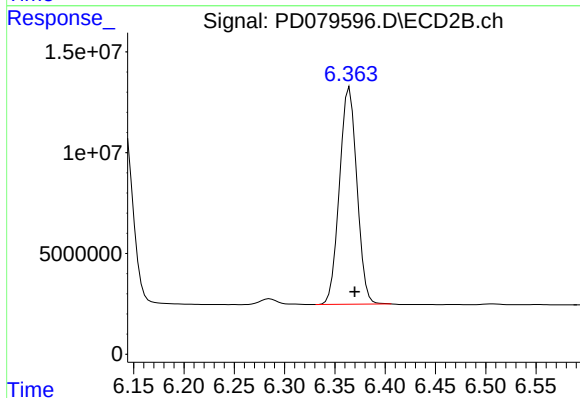
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.008 min
Response: 93108175
Conc: 46.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

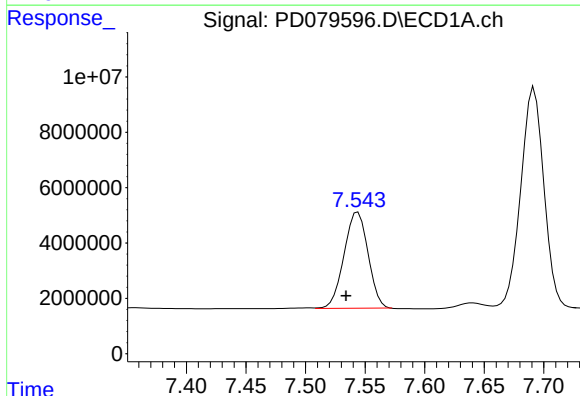
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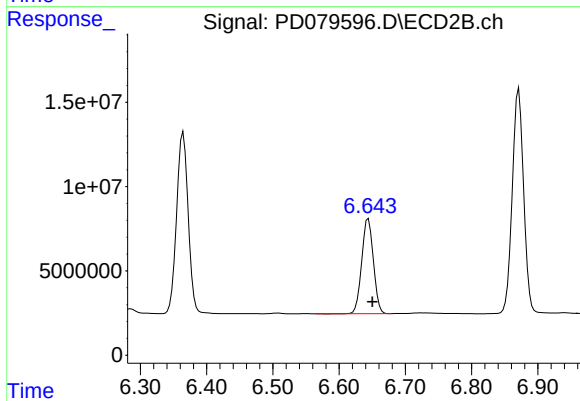
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 129727077
Conc: 55.56 ng/ml



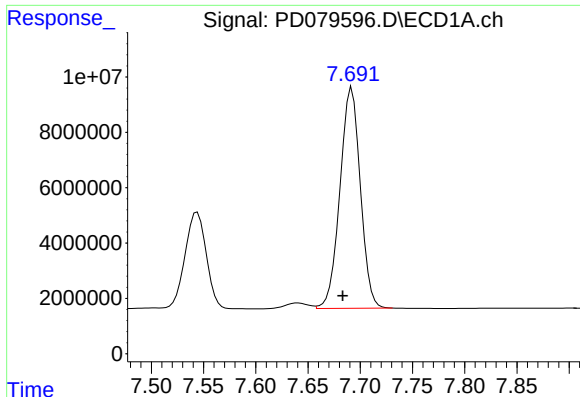
#20 Methoxychlor

R.T.: 7.544 min
Delta R.T.: 0.010 min
Response: 48702706
Conc: 44.45 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 68744898
Conc: 50.64 ng/ml



#21 Endrin ketone

R.T.: 7.692 min
Delta R.T.: 0.009 min
Response: 108161734
Conc: 49.61 ng/ml

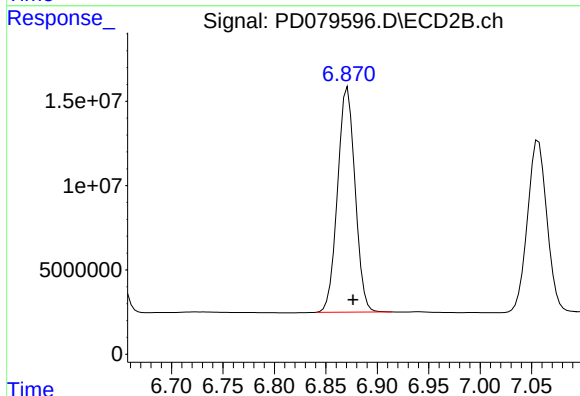
Instrument :

ECD_D

ClientSampleId :
PB156987BS

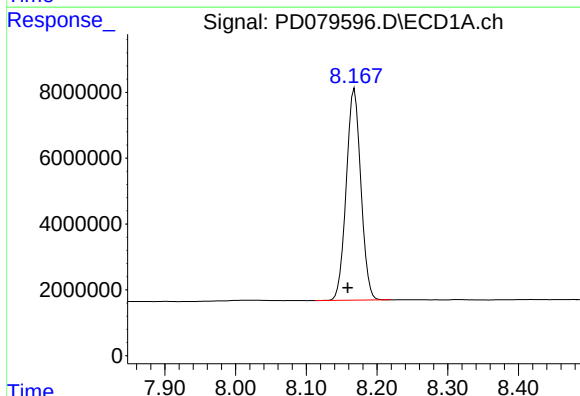
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Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



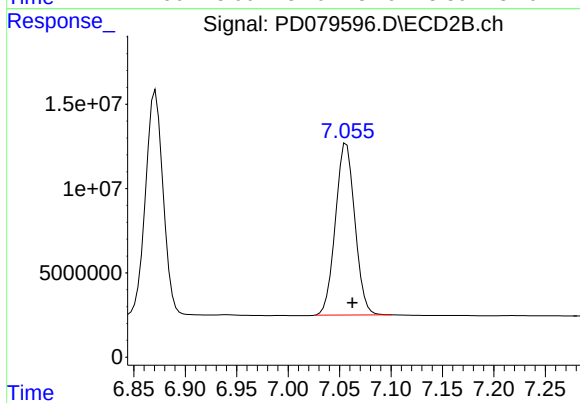
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 158033843
Conc: 56.53 ng/ml



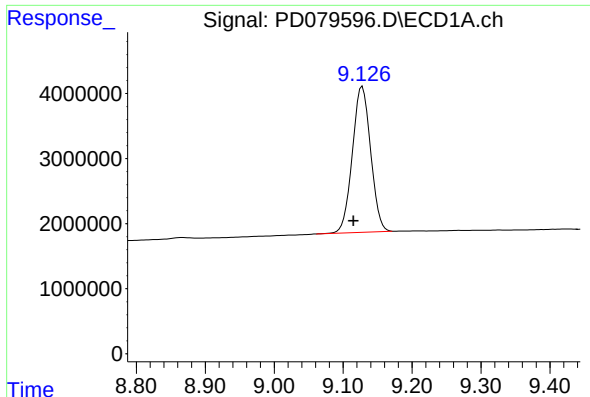
#22 Mirex

R.T.: 8.168 min
Delta R.T.: 0.009 min
Response: 92354225
Conc: 54.56 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 133921088
Conc: 62.69 ng/ml



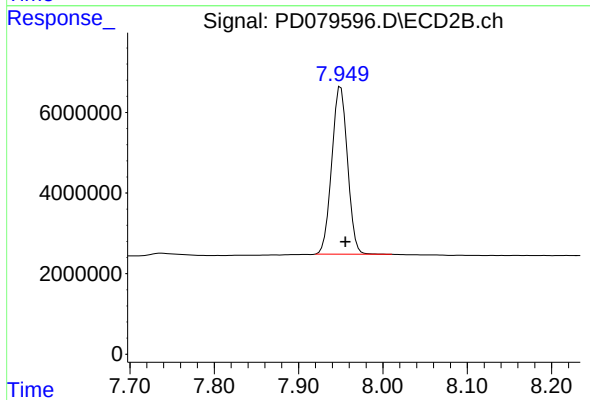
#28 Decachlorobiphenyl

R.T.: 9.128 min
Delta R.T.: 0.013 min
Response: 41293598
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156987BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.005 min
Response: 53974621
Conc: 22.14 ng/ml