

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
 Data File : PD079232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2023 13:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 21:25:53 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...	3.570	2.806	80095198	120.7E6	49.607	52.120
28)	SA Decachlor...	9.122	7.957	92090313	119.3E6	45.907	48.943
Target Compounds							
2)	A alpha-BHC	4.028	3.310	137.6E6	186.9E6	51.698	53.914
3)	MA gamma-BHC...	4.361	3.640	132.9E6	183.3E6	51.148	53.989
4)	MA Heptachlor	4.954	3.983	129.8E6	168.8E6	48.512	55.272
5)	MB Aldrin	5.298	4.264	130.7E6	176.6E6	50.717	53.980
6)	B beta-BHC	4.554	3.935	53401774	75099206	49.834	53.296
7)	B delta-BHC	4.802	4.166	136.5E6	186.9E6	51.007m	55.818
8)	B Heptachlo...	5.725	4.766	118.3E6	159.7E6	50.474	53.854
9)	A Endosulfan I	6.111	5.136	108.5E6	142.3E6	50.056	53.755m
10)	B gamma-Chl...	5.980	5.016	116.5E6	157.5E6	50.815	54.882m
11)	B alpha-Chl...	6.060	5.080	114.9E6	153.4E6	50.404	53.441m
12)	B 4,4'-DDE	6.231	5.270	107.3E6	147.6E6	50.775	55.456
13)	MA Dieldrin	6.386	5.402	117.3E6	162.7E6	50.384	54.777
14)	MA Endrin	6.618	5.677	94356350	136.8E6	48.447	53.453
15)	B Endosulfa...	6.835	5.969	99484196	136.2E6	48.776	54.571
16)	A 4,4'-DDD	6.748	5.824	87987380	125.7E6	50.052	55.035
17)	MA 4,4'-DDT	7.064	6.076	89941430	123.3E6	47.496	53.857
18)	B Endrin al...	6.964	6.149	73680983	99678210	47.711m	53.610
19)	B Endosulfa...	7.200	6.372	95970580	126.6E6	48.272	54.232
20)	A Methoxychlor	7.538	6.651	50250447	67912101	45.858	50.023
21)	B Endrin ke...	7.687	6.878	108.3E6	152.8E6	49.691	54.647
22)	Mirex	8.164	7.064	79781943	112.4E6	47.134	52.615

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103023\
 Data File : PD079232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2023 13:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

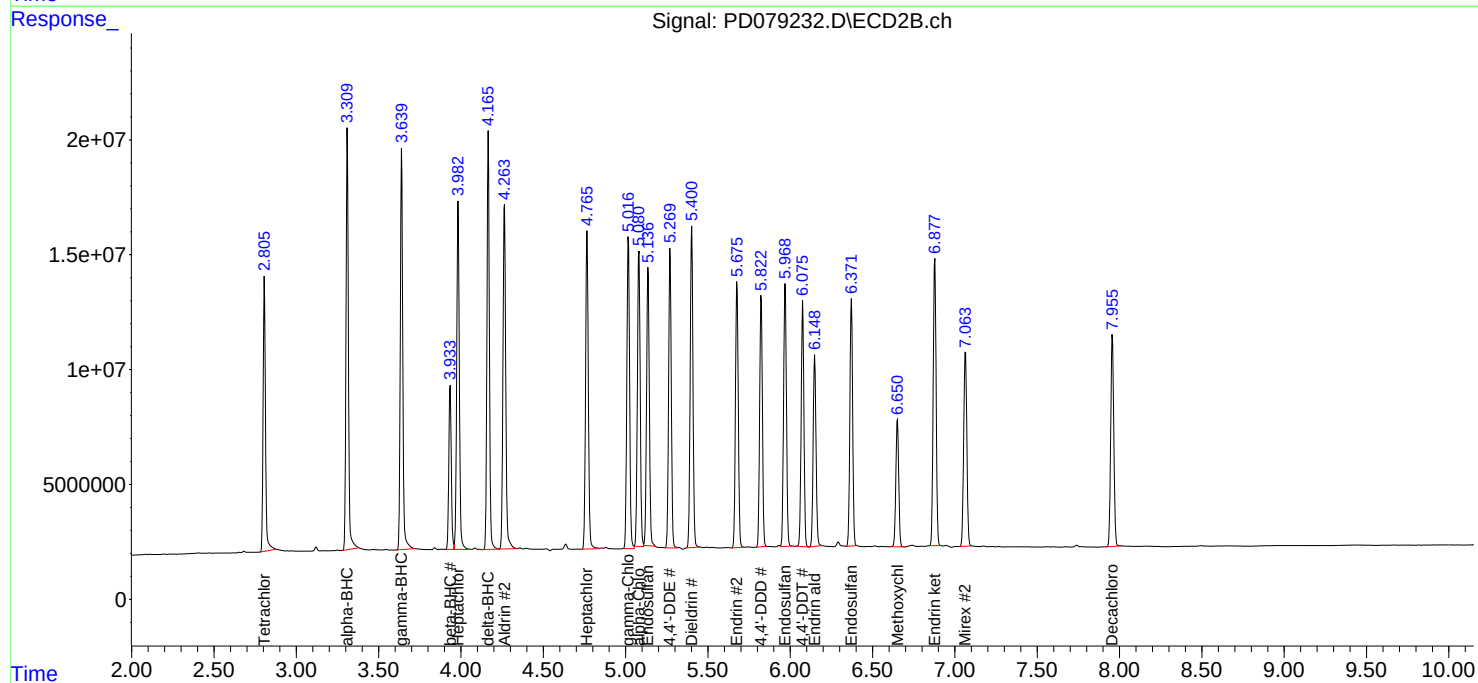
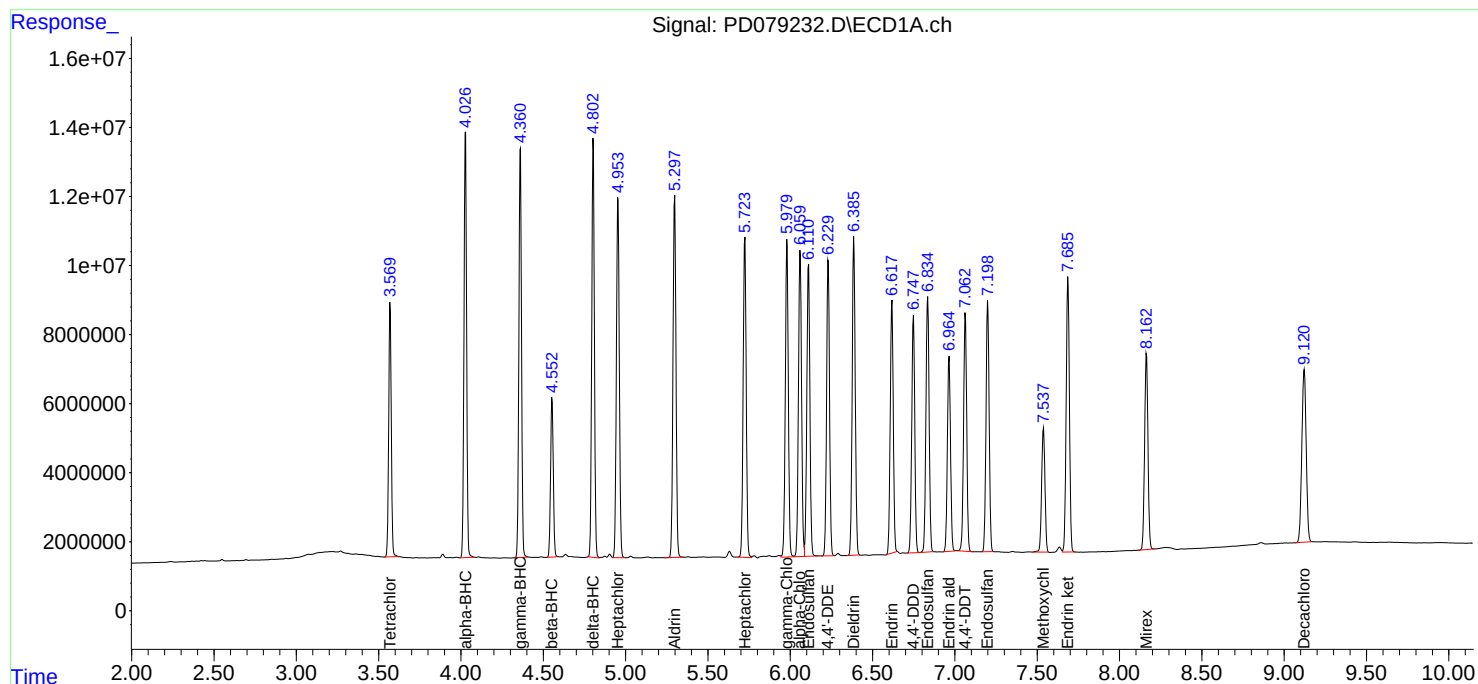
APPROVED

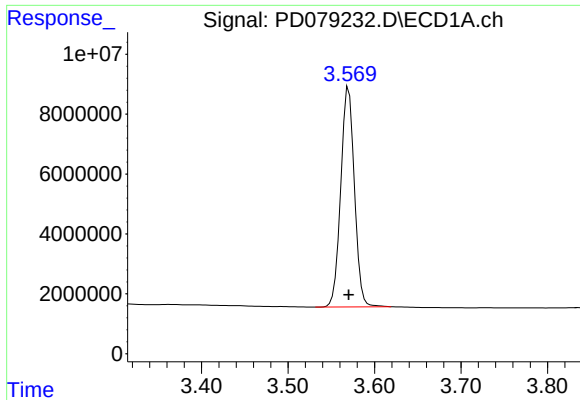
Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 21:25:53 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
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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





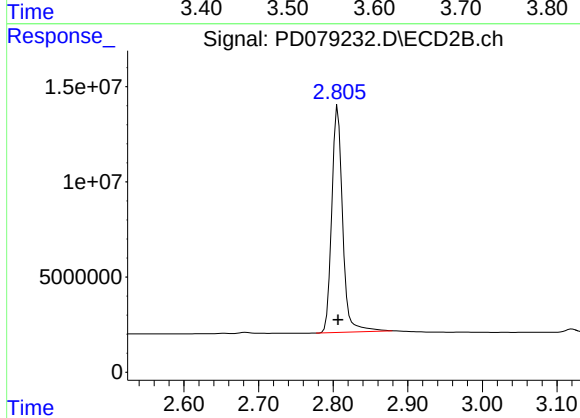
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 80095198
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

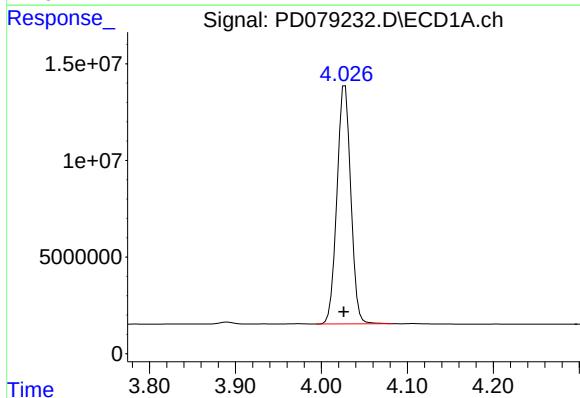
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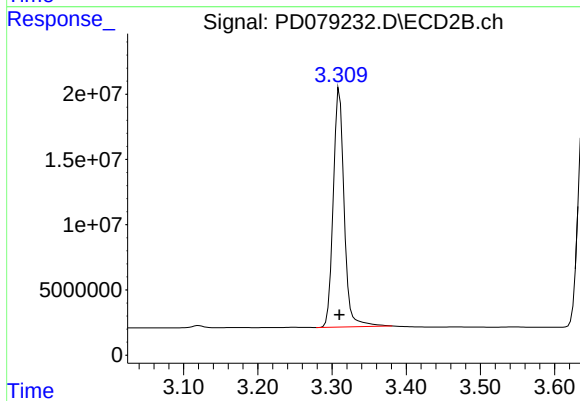
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 120672179
Conc: 52.12 ng/ml



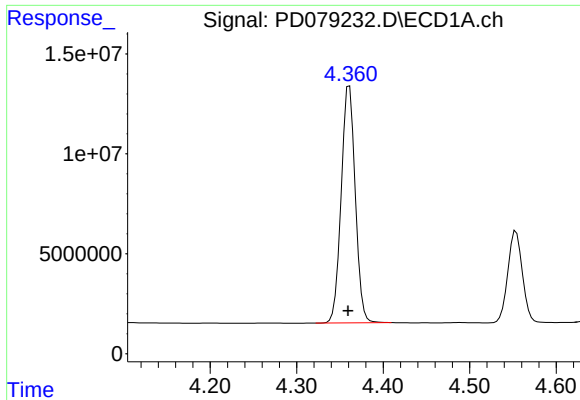
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.002 min
Response: 137623991
Conc: 51.70 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 186943969
Conc: 53.91 ng/ml



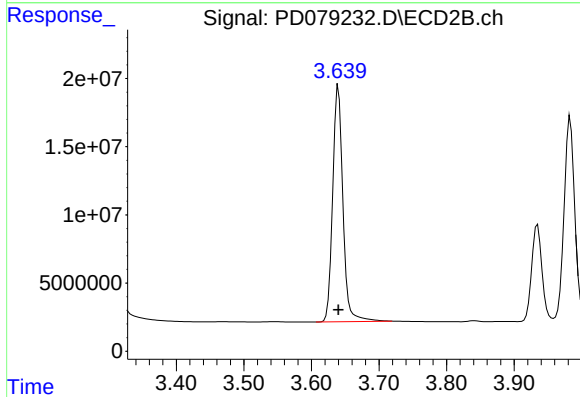
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.002 min
Response: 132925112
Conc: 51.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

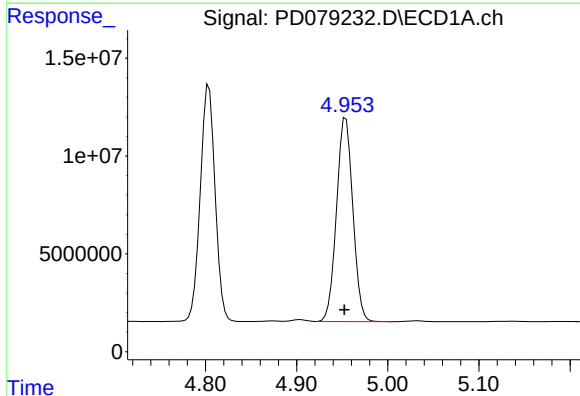
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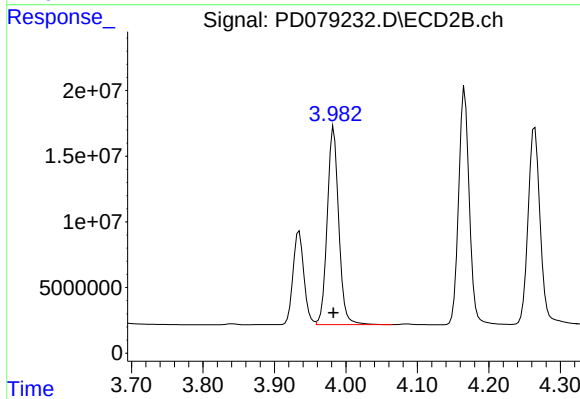
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 183333888
Conc: 53.99 ng/ml



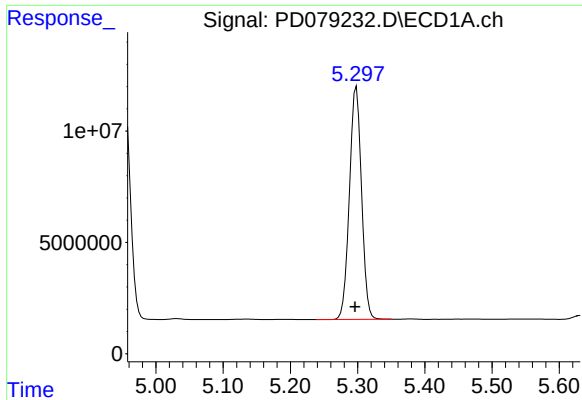
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 129766818
Conc: 48.51 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 168807106
Conc: 55.27 ng/ml



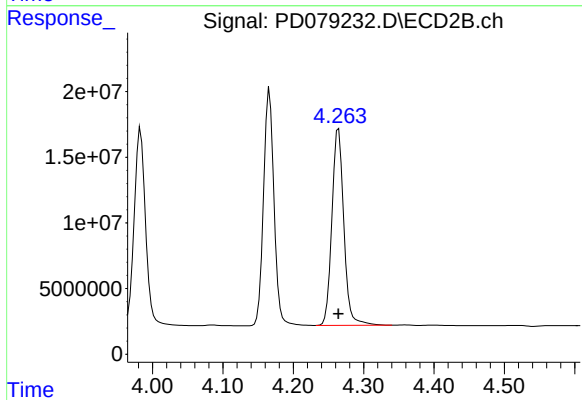
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 130687112
Conc: 50.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

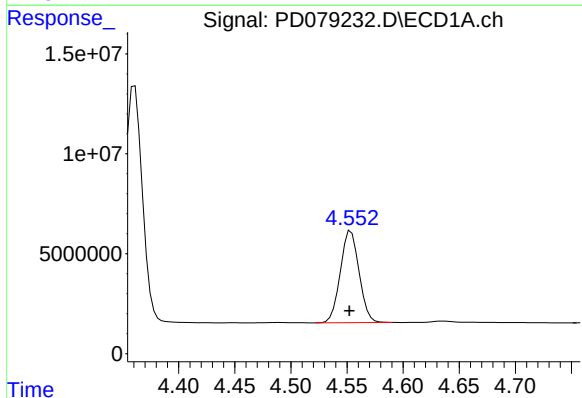
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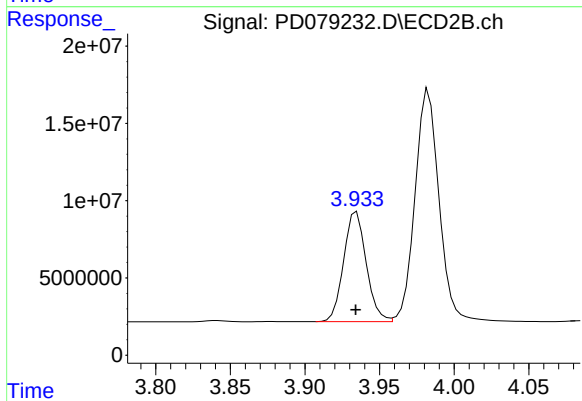
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 176585397
Conc: 53.98 ng/ml



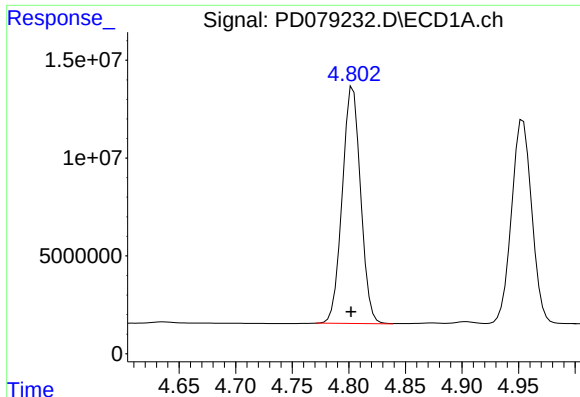
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.001 min
Response: 53401774
Conc: 49.83 ng/ml



#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 75099206
Conc: 53.30 ng/ml



#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 136548823
Conc: 51.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

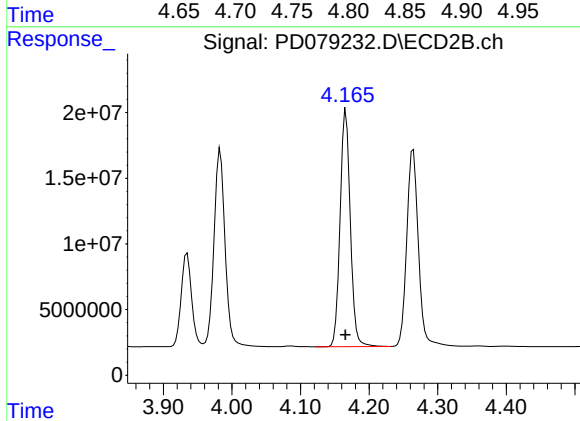
PSTDCCC050

Manual Integrations

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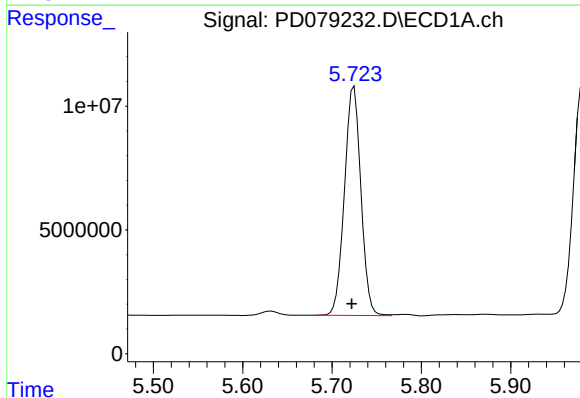
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Supervised By :mohammad ahmed 10/31/2023



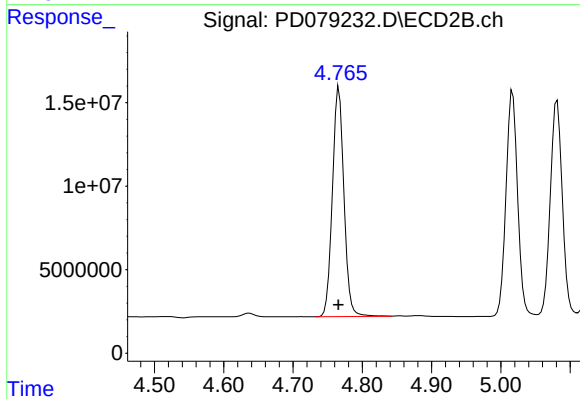
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 186890964
Conc: 55.82 ng/ml



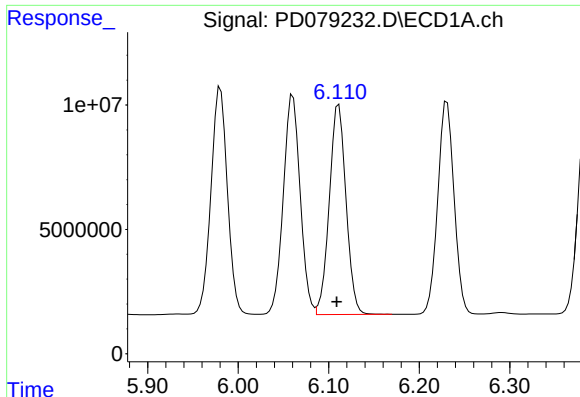
#8 Heptachlor epoxide

R.T.: 5.725 min
Delta R.T.: 0.002 min
Response: 118294971
Conc: 50.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 159660355
Conc: 53.85 ng/ml



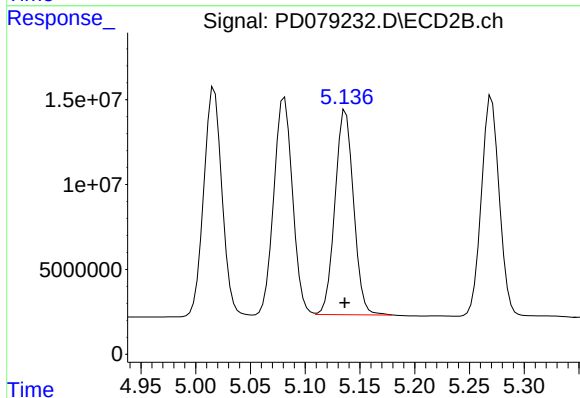
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 108518154
Conc: 50.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

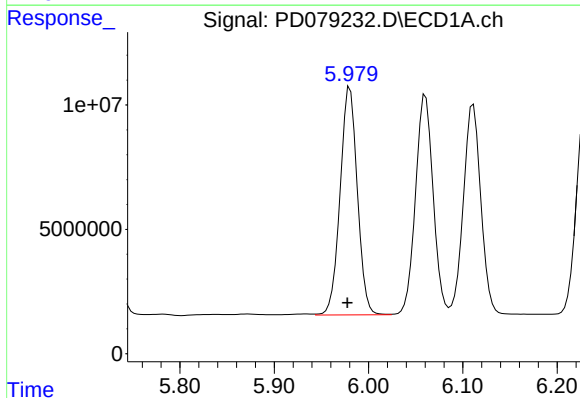
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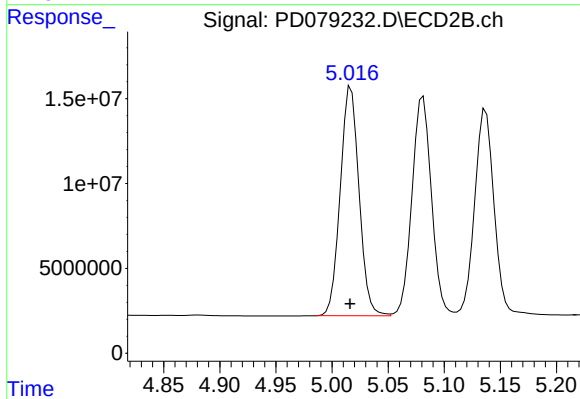
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 142325912
Conc: 53.75 ng/ml m



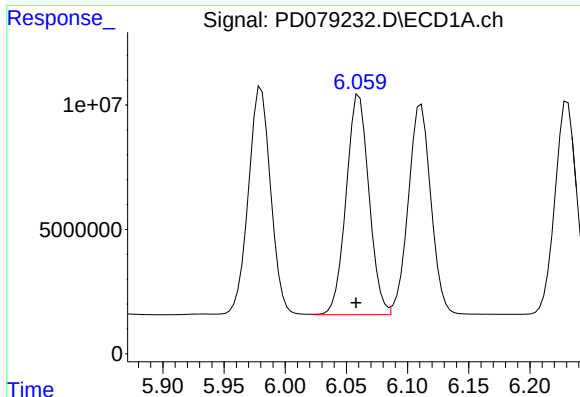
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 116505735
Conc: 50.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 157481147
Conc: 54.88 ng/ml m



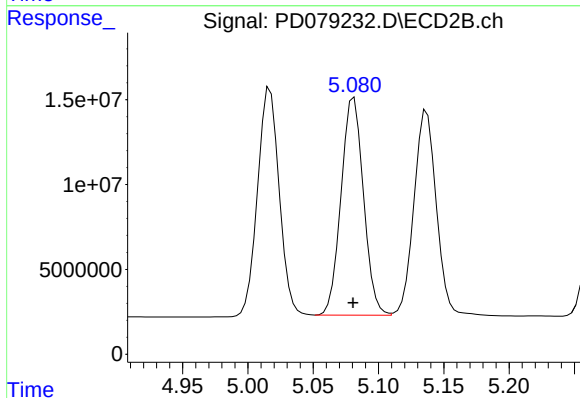
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.003 min
Response: 114930875
Conc: 50.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

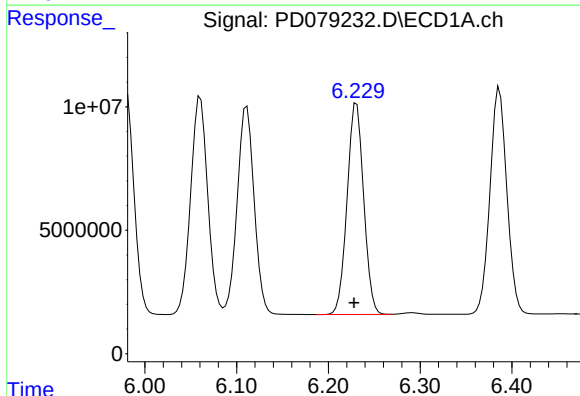
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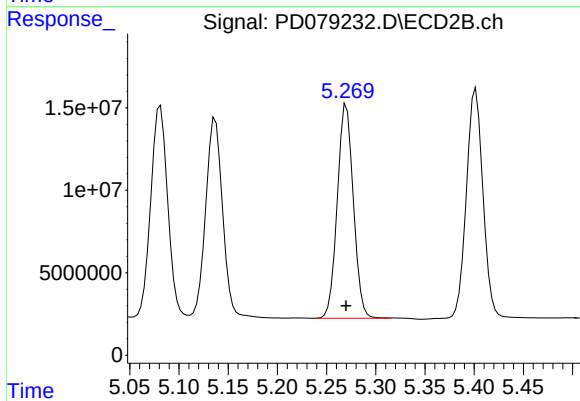
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 153367125
Conc: 53.44 ng/ml m



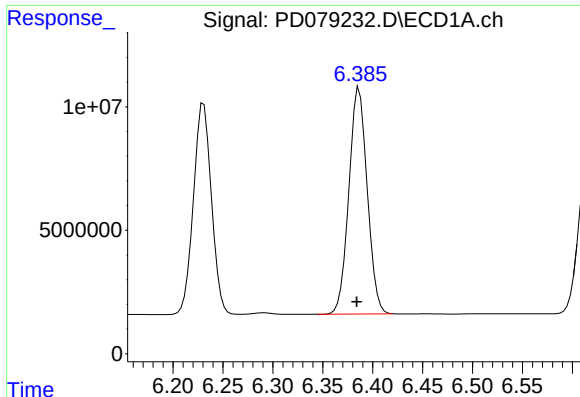
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 107291195
Conc: 50.77 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 147646333
Conc: 55.46 ng/ml



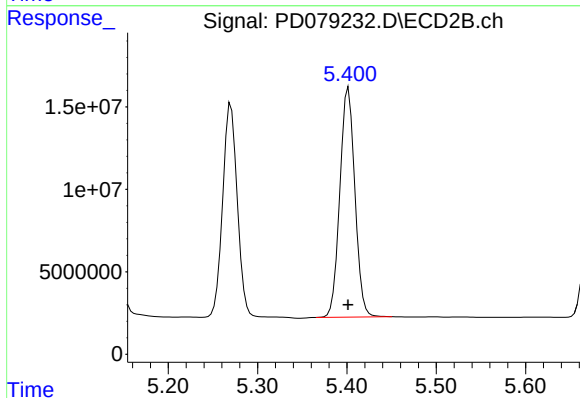
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.003 min
Response: 117336729
Conc: 50.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

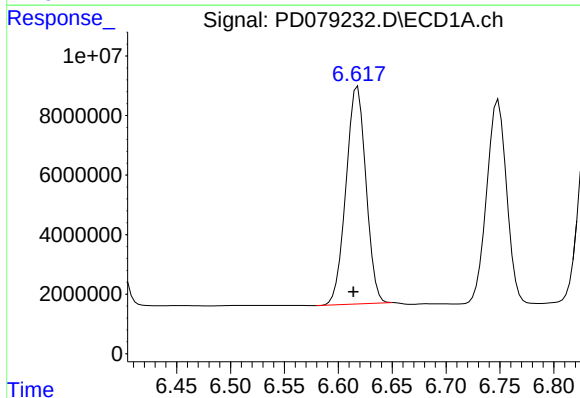
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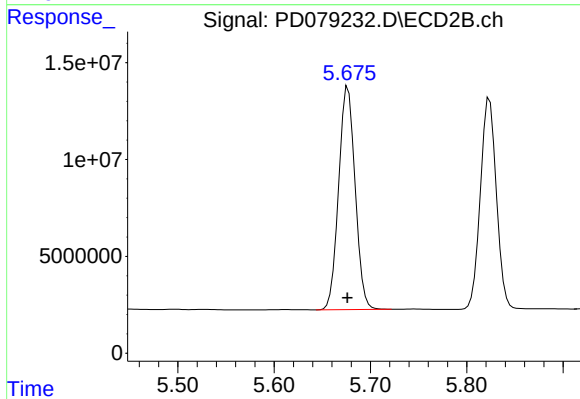
#13 Dieldrin

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 162681861
Conc: 54.78 ng/ml



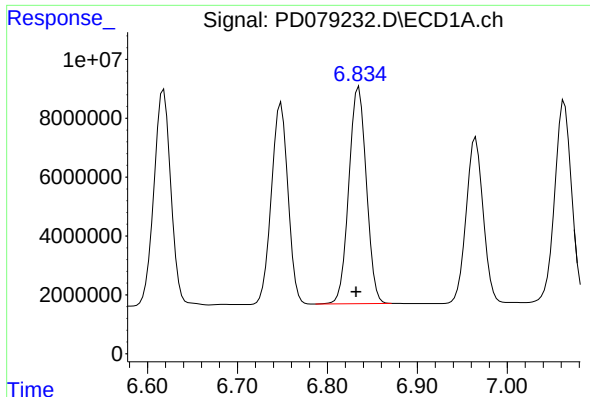
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.004 min
Response: 94356350
Conc: 48.45 ng/ml



#14 Endrin

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 136792901
Conc: 53.45 ng/ml



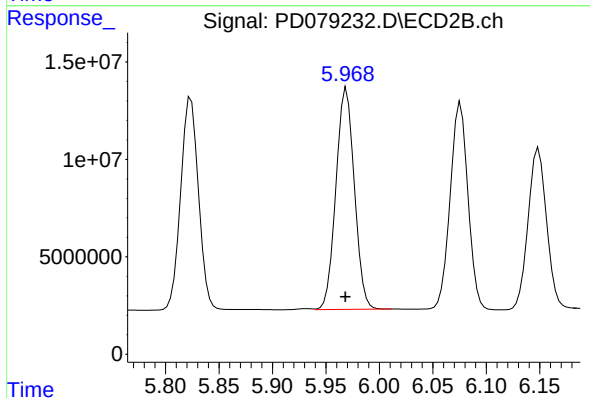
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.003 min
Response: 99484196
Conc: 48.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

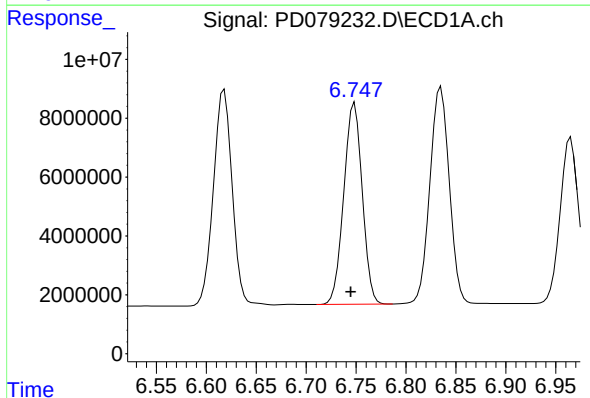
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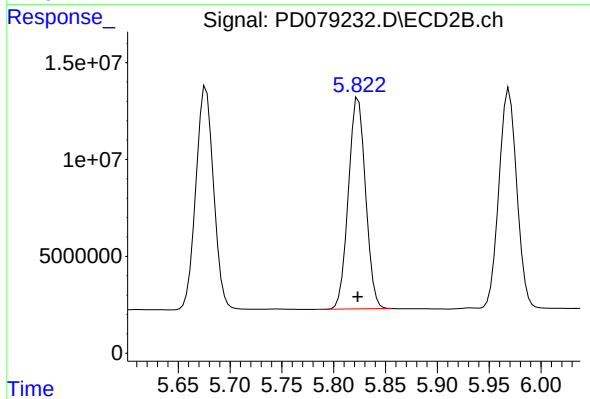
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 136237017
Conc: 54.57 ng/ml



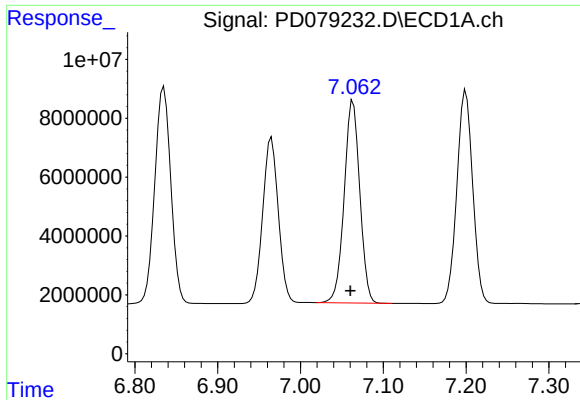
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.004 min
Response: 87987380
Conc: 50.05 ng/ml



#16 4,4'-DDD

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 125713987
Conc: 55.03 ng/ml



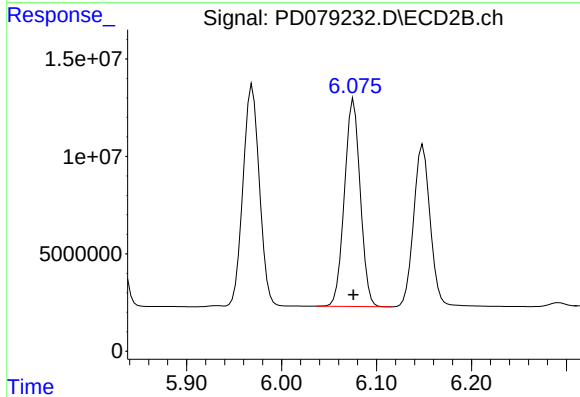
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 89941430
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

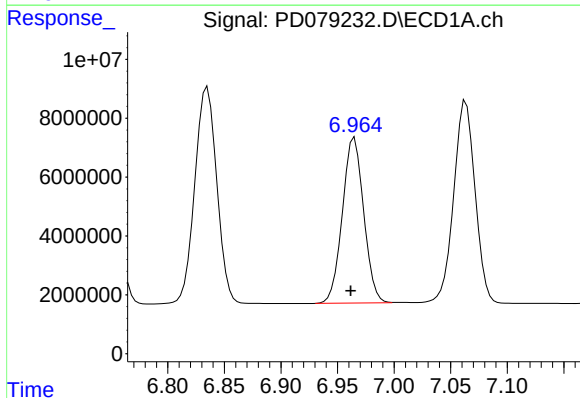
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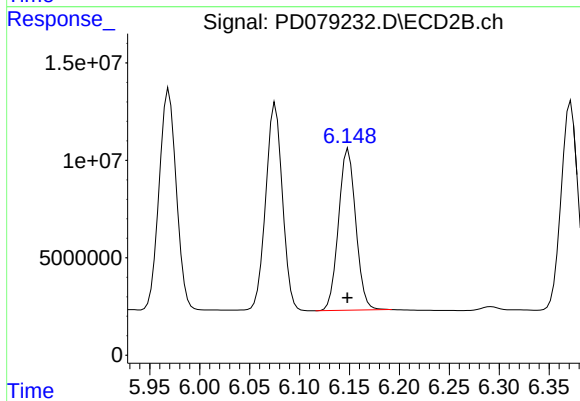
#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 123298455
Conc: 53.86 ng/ml



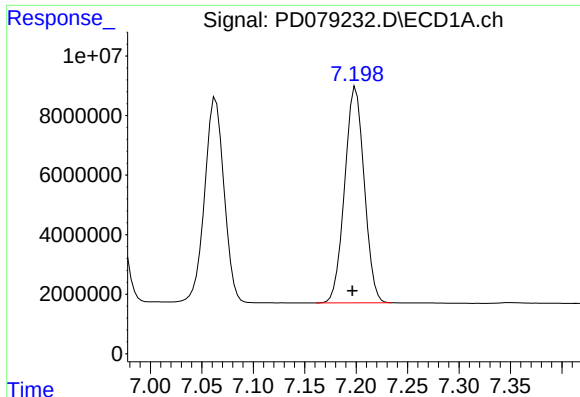
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 73680983
Conc: 47.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 99678210
Conc: 53.61 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.004 min
Response: 95970580
Conc: 48.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

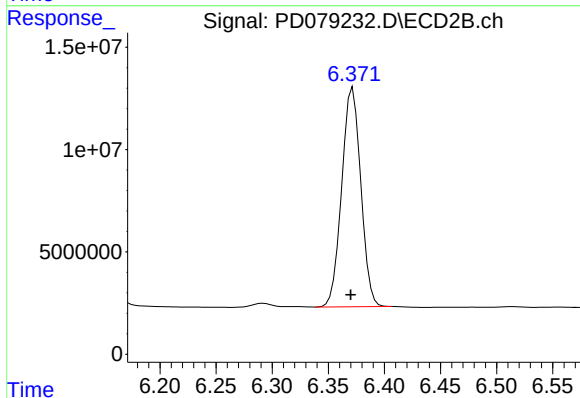
PSTDCCC050

Manual Integrations

APPROVED

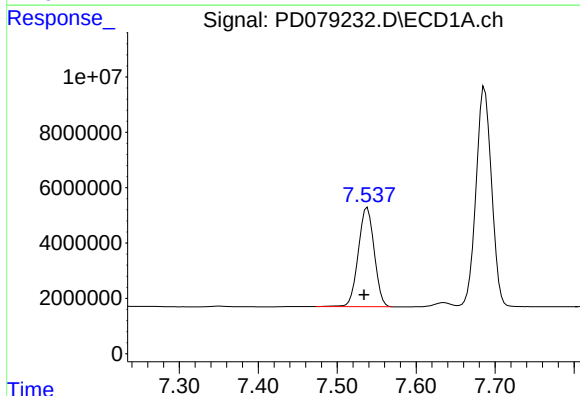
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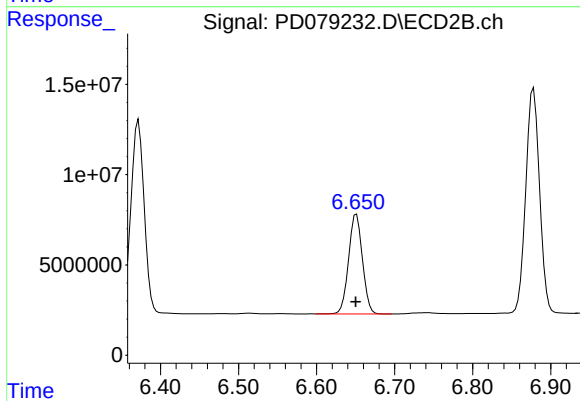
#19 Endosulfan Sulfate

R.T.: 6.372 min
Delta R.T.: 0.002 min
Response: 126621875
Conc: 54.23 ng/ml



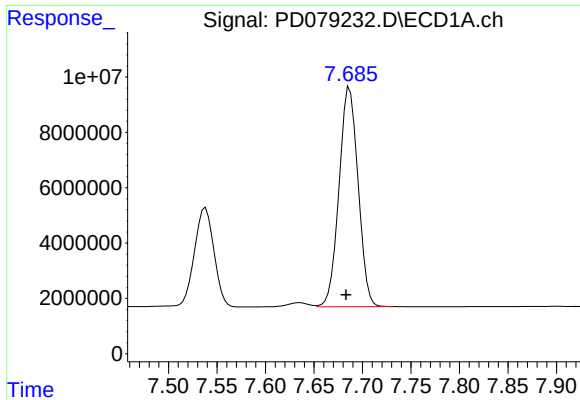
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.004 min
Response: 50250447
Conc: 45.86 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 67912101
Conc: 50.02 ng/ml



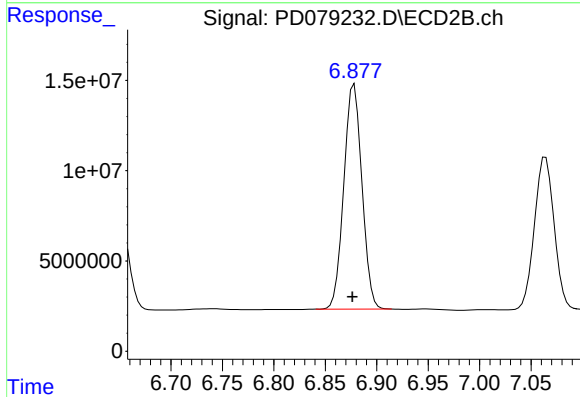
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.004 min
Response: 108334652
Conc: 49.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

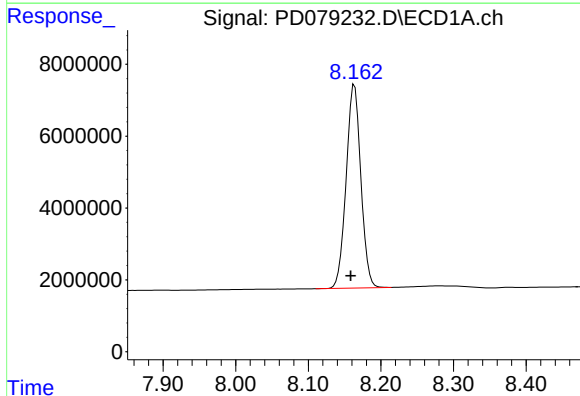
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Reviewed By :Abdul Mirza 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



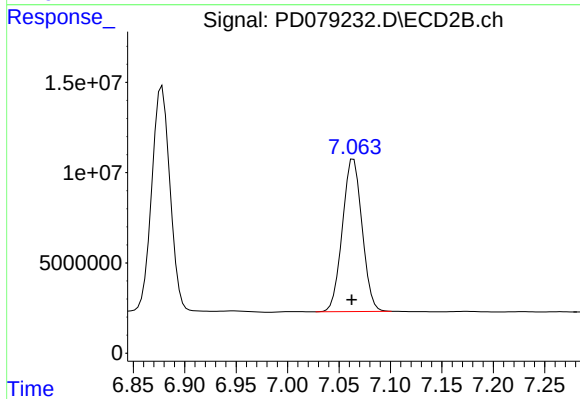
#21 Endrin ketone

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 152778415
Conc: 54.65 ng/ml



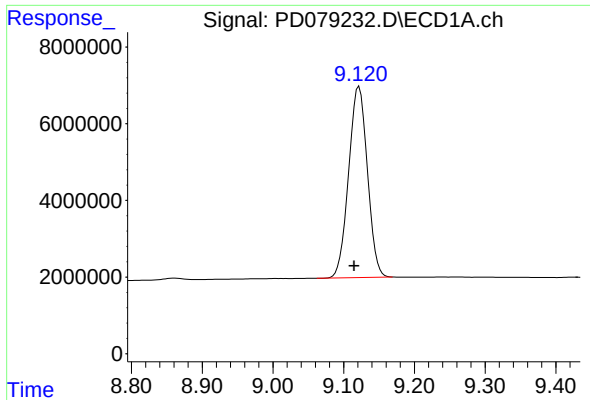
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.005 min
Response: 79781943
Conc: 47.13 ng/ml



#22 Mirex

R.T.: 7.064 min
Delta R.T.: 0.002 min
Response: 112402825
Conc: 52.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.007 min
Response: 92090313
Conc: 45.91 ng/ml

Instrument :

ECD_D

ClientSampleId :

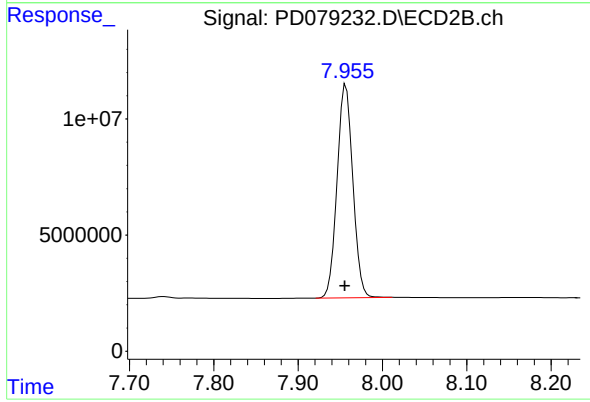
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#28 Decachlorobiphenyl

R.T.: 7.957 min
Delta R.T.: 0.001 min
Response: 119297744
Conc: 48.94 ng/ml