

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 12:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2022
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:46:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.480	4.125	140.8E6	1346.5E6	48.572	46.573
2)	SA Decachlor...	8.254	9.325	146.8E6	548.7E6	48.051	48.113
Target Compounds							
2)	A alpha-BHC	3.922	4.530	216.8E6	1714.9E6	49.420	45.244
3)	MA gamma-BHC...	4.207	4.823	200.5E6	1421.8E6	46.165	47.604
4)	MA Heptachlor	4.506	5.340	208.0E6	1041.3E6	49.949m	47.139
5)	MB Aldrin	4.756	5.653	210.6E6	883.4E6	50.388	47.720
6)	B beta-BHC	4.457	5.000	80062168	555.7E6	47.901	41.432
7)	B delta-BHC	4.662	5.225	199.2E6	1050.1E6	50.319	44.413
8)	B Heptachlo...	5.202	6.049	185.5E6	717.2E6	49.517	47.438
9)	A Endosulfan I	5.541	6.413	175.7E6	693.5E6	50.312	47.776
10)	B gamma-Chl...	5.429	6.284	195.0E6	749.3E6	50.156	47.510m
11)	B alpha-Chl...	5.488	6.359	190.0E6	750.2E6	49.687	48.757
12)	B 4,4'-DDE	5.653	6.513	177.0E6	722.7E6	50.271	48.150
13)	MA Dieldrin	5.786	6.675	188.3E6	759.8E6	50.130	49.723
14)	MA Endrin	6.045	6.898	167.3E6	522.3E6	53.560	50.353
15)	B Endosulfa...	6.318	7.112	149.3E6	613.8E6	49.643	49.031
16)	A 4,4'-DDD	6.171	7.012	150.1E6	591.2E6	51.135	47.528m
17)	MA 4,4'-DDT	6.412	7.315	156.6E6	663.0E6	51.160	49.504
18)	B Endrin al...	6.489	7.238	112.5E6	488.2E6	46.902	48.411
19)	B Endosulfa...	6.700	7.462	148.3E6	601.0E6	49.799m	49.735
20)	A Methoxychlor	6.963	7.775	82440063	339.5E6	49.869m	49.405
21)	B Endrin ke...	7.194	7.945	162.1E6	663.8E6	46.786m	47.959
22)	Mirex	7.380	8.398	121.6E6	432.4E6	43.850m	47.053

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
Data File : PD071077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2022 12:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

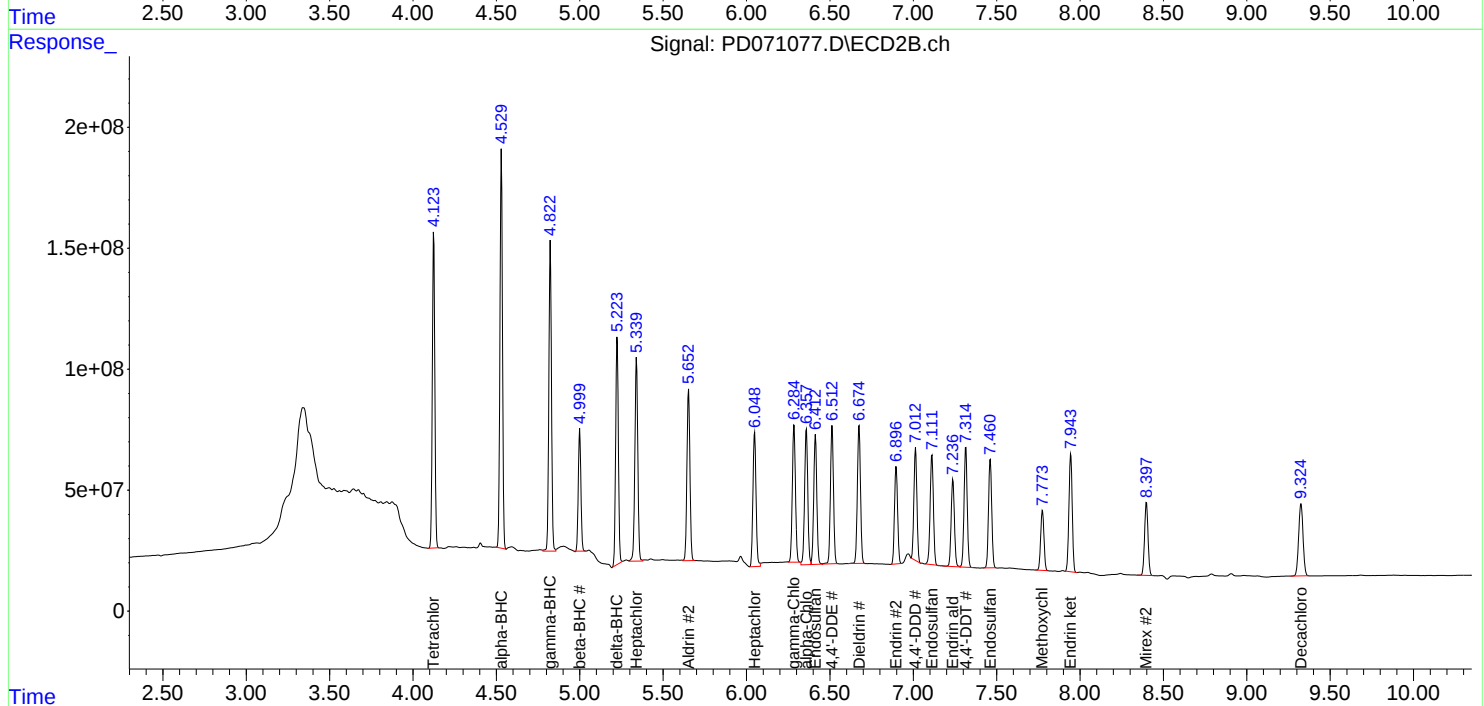
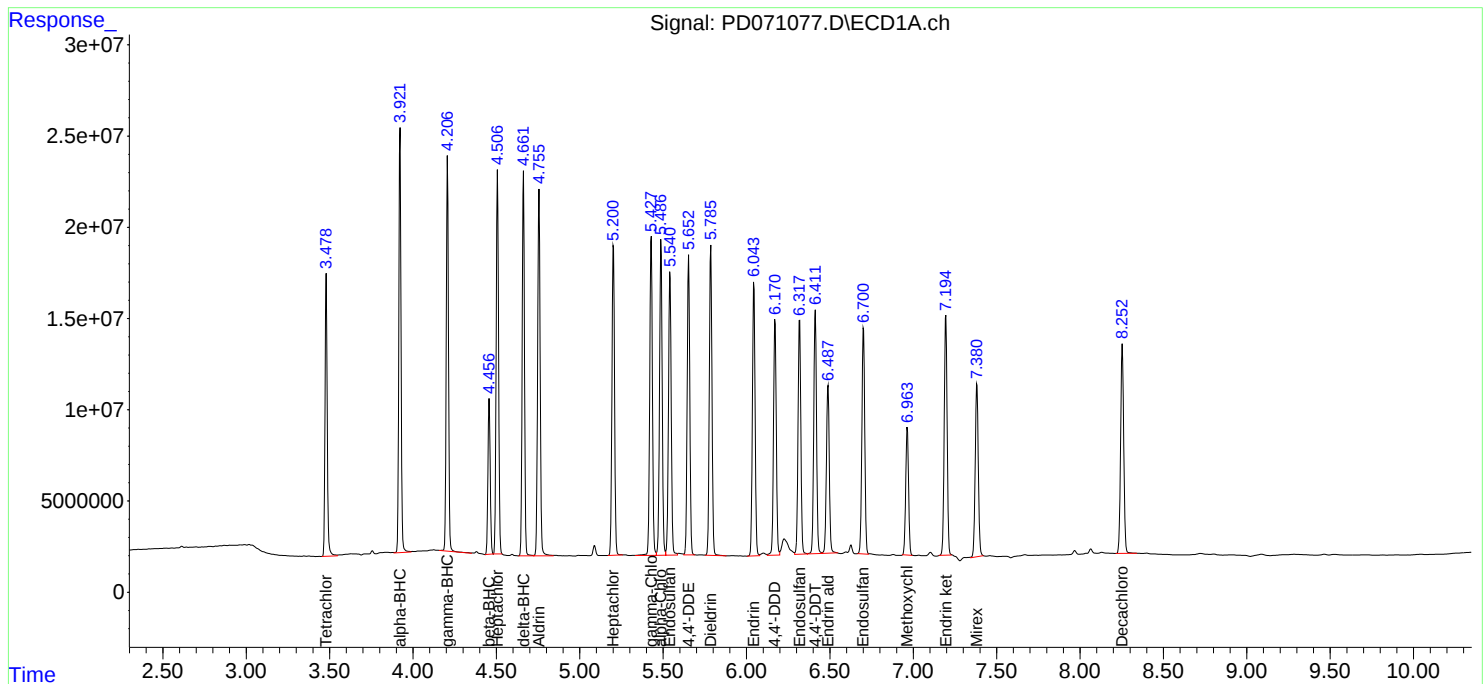
APPROVED

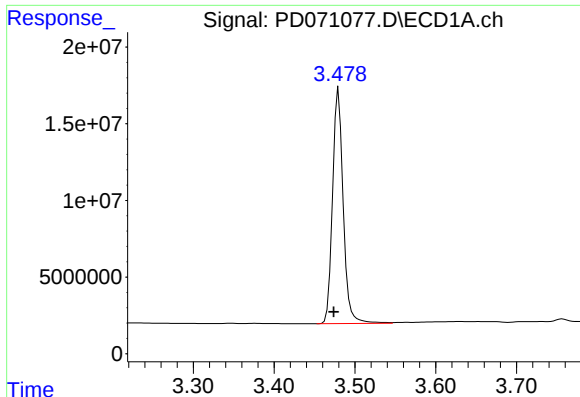
Reviewed By :Abdul Mirza 07/22/2022

Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 23:46:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.480 min
Delta R.T.: 0.006 min
Response: 140757347
Conc: 48.57 ng/ml

Instrument :

ECD_D

ClientSampleId :

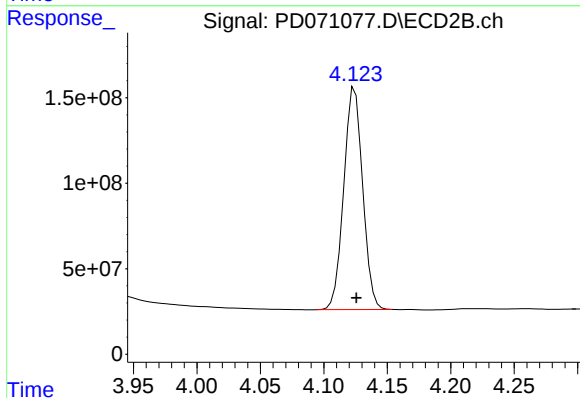
PSTDCCC050

Manual Integrations

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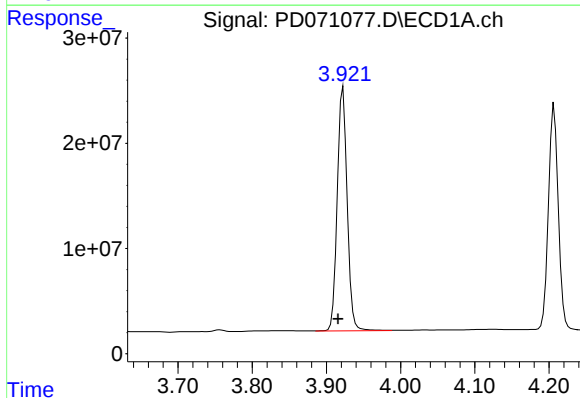
Reviewed By :Abdul Mirza 07/22/2022

Supervised By :Ankita Jodhani 07/22/2022



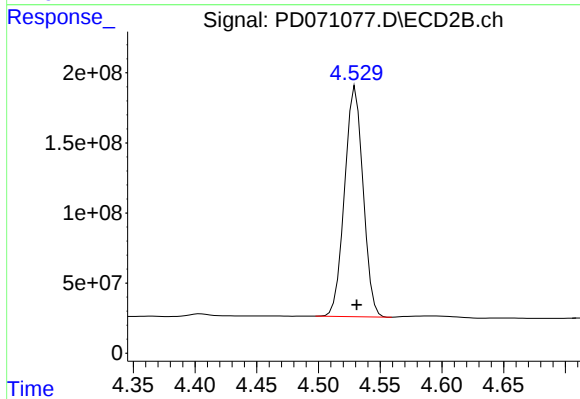
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 1346524740
Conc: 46.57 ng/ml



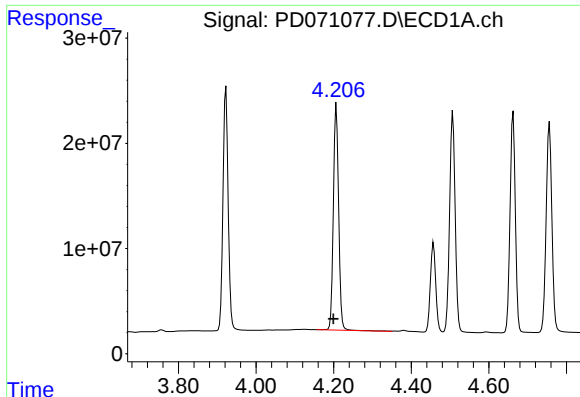
#2 alpha-BHC

R.T.: 3.922 min
Delta R.T.: 0.007 min
Response: 216814266
Conc: 49.42 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1714898108
Conc: 45.24 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.207 min
Delta R.T.: 0.007 min
Response: 200451210
Conc: 46.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

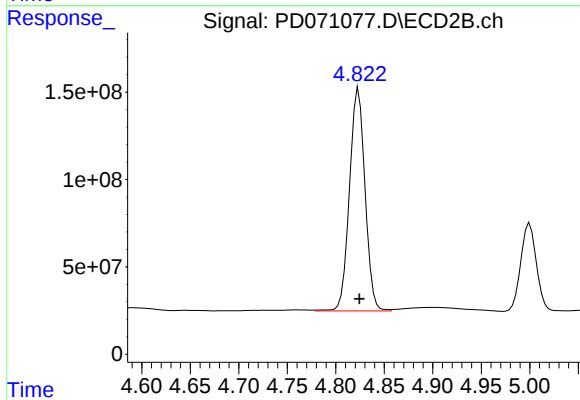
PSTDCCC050

Manual Integrations

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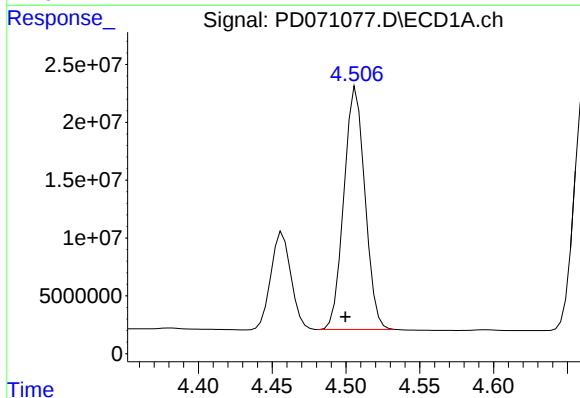
Reviewed By :Abdul Mirza 07/22/2022

Supervised By :Ankita Jodhani 07/22/2022



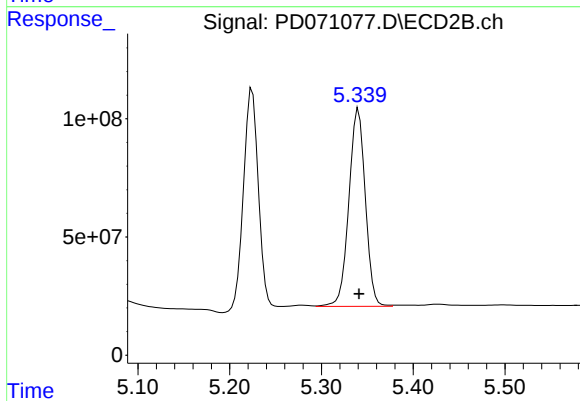
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 1421813863
Conc: 47.60 ng/ml



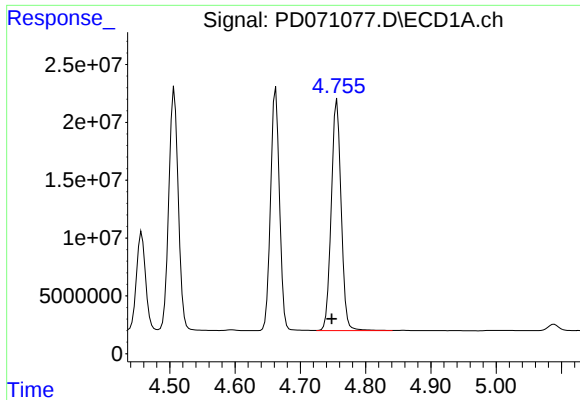
#4 Heptachlor

R.T.: 4.506 min
Delta R.T.: 0.006 min
Response: 207966357
Conc: 49.95 ng/ml m



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 1041274035
Conc: 47.14 ng/ml



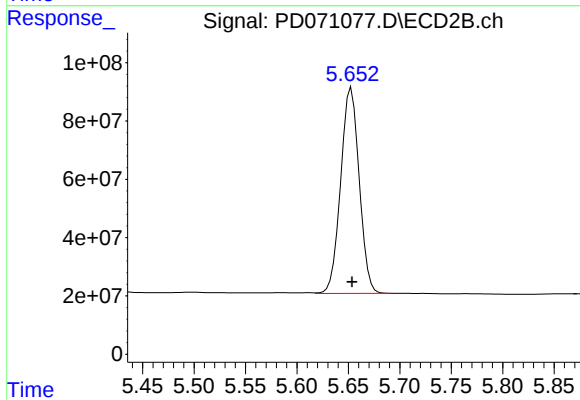
#5 Aldrin

R.T.: 4.756 min
Delta R.T.: 0.008 min
Response: 210570768
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

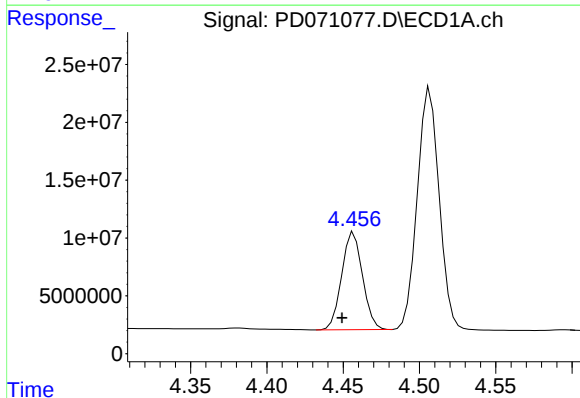
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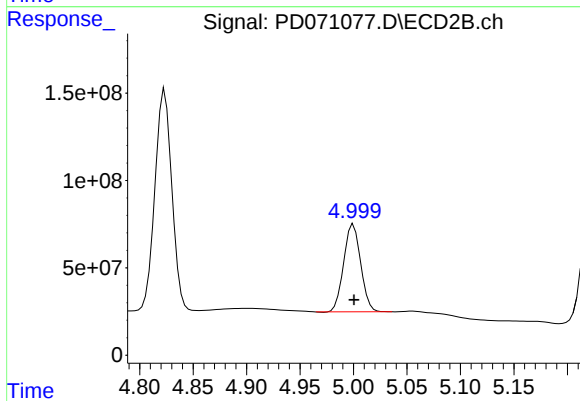
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 883433670
Conc: 47.72 ng/ml



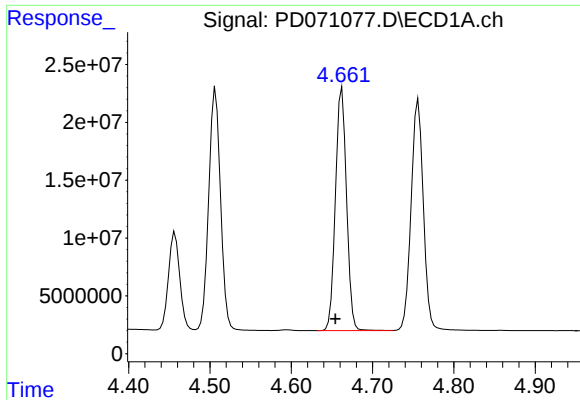
#6 beta-BHC

R.T.: 4.457 min
Delta R.T.: 0.008 min
Response: 80062168
Conc: 47.90 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 555742815
Conc: 41.43 ng/ml



#7 delta-BHC

R.T.: 4.662 min
Delta R.T.: 0.008 min
Response: 199160444
Conc: 50.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

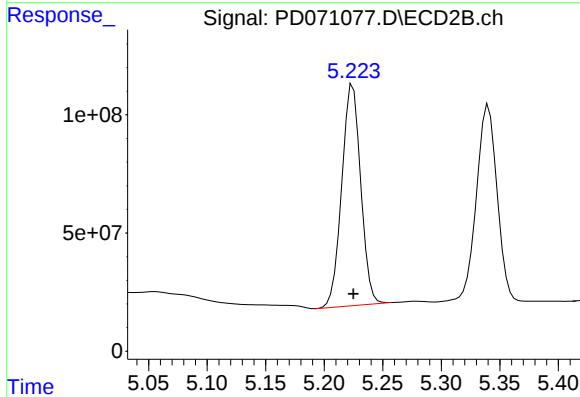
PSTDCCC050

Manual Integrations

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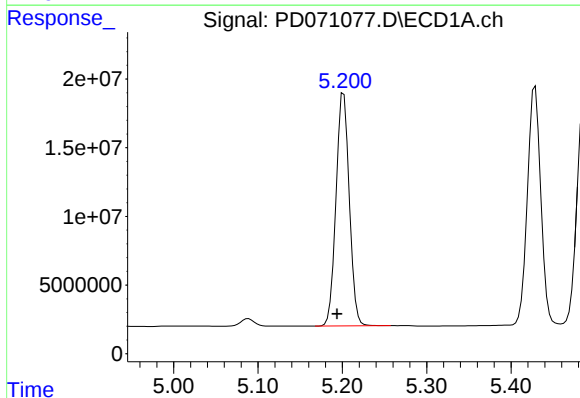
Reviewed By :Abdul Mirza 07/22/2022

Supervised By :Ankita Jodhani 07/22/2022



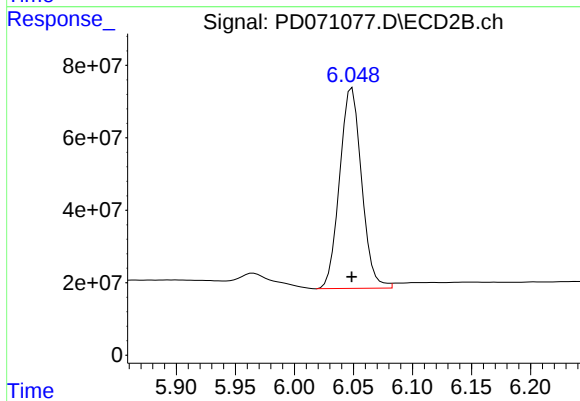
#7 delta-BHC

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 1050088224
Conc: 44.41 ng/ml



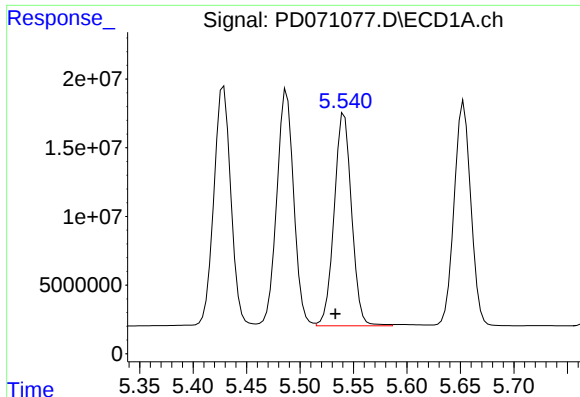
#8 Heptachlor epoxide

R.T.: 5.202 min
Delta R.T.: 0.008 min
Response: 185483185
Conc: 49.52 ng/ml



#8 Heptachlor epoxide

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 717223050
Conc: 47.44 ng/ml



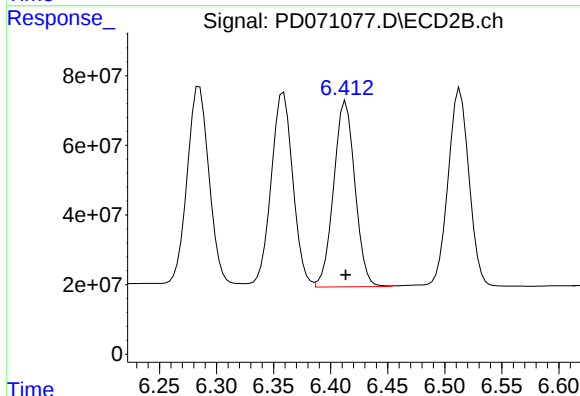
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: 0.008 min
Response: 175671695
Conc: 50.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

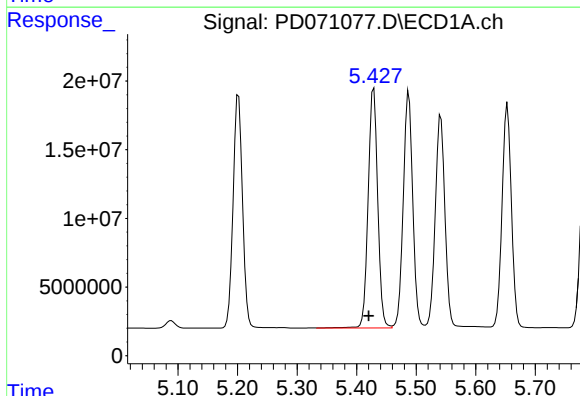
Manual Integrations
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Supervised By :Ankita Jodhani 07/22/2022



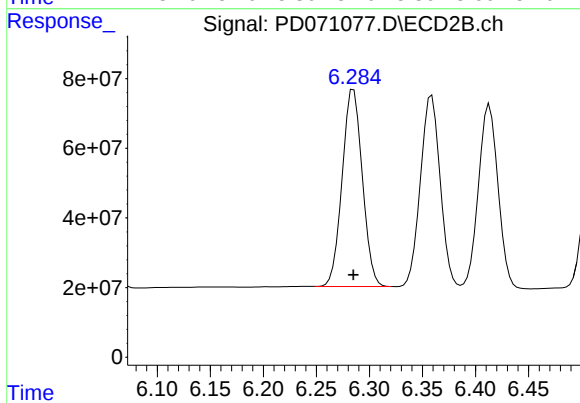
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 693544633
Conc: 47.78 ng/ml



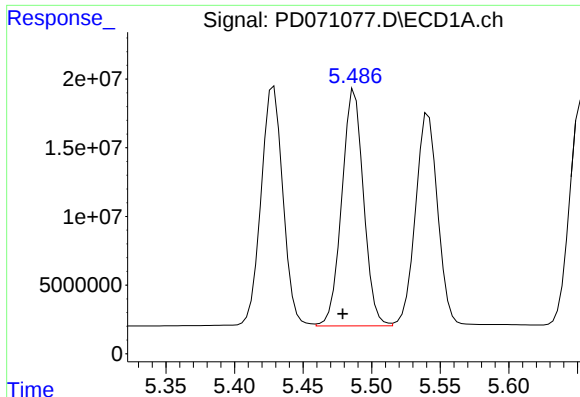
#10 gamma-Chlordane

R.T.: 5.429 min
Delta R.T.: 0.009 min
Response: 195027268
Conc: 50.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 749309817
Conc: 47.51 ng/ml m



#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: 0.009 min
Response: 189970007
Conc: 49.69 ng/ml

Instrument :

ECD_D

ClientSampleId :

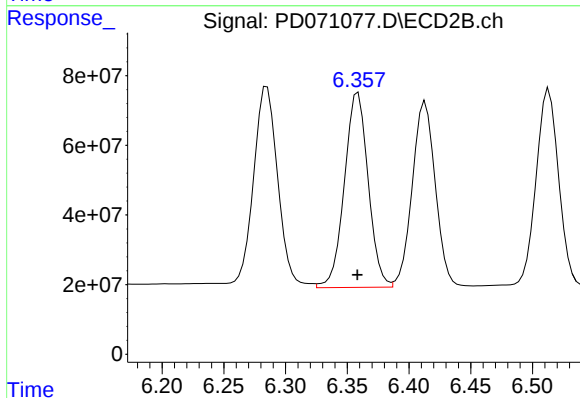
PSTDCCC050

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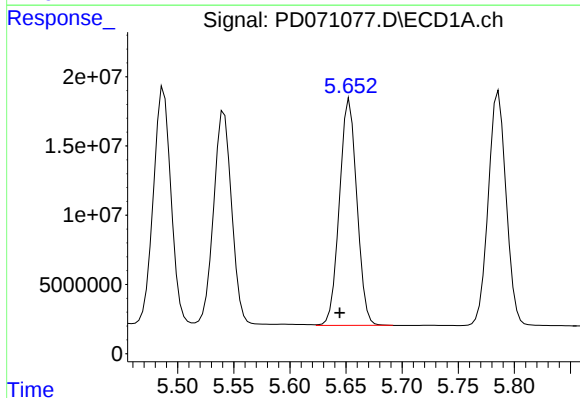
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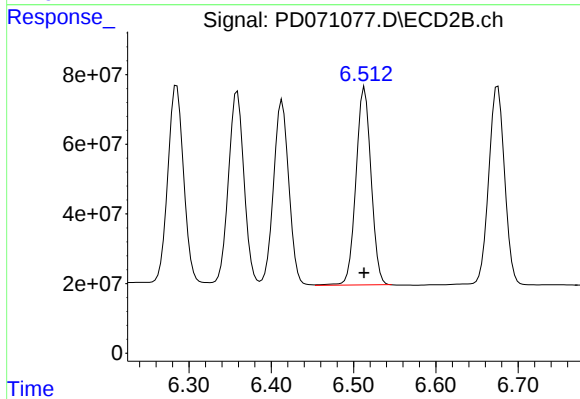
#11 alpha-Chlordane

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 750215052
Conc: 48.76 ng/ml



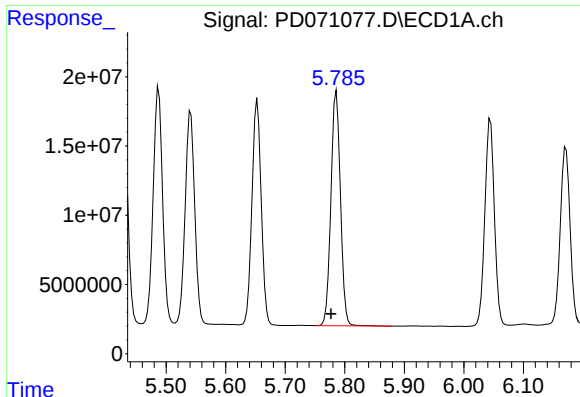
#12 4,4'-DDE

R.T.: 5.653 min
Delta R.T.: 0.009 min
Response: 177040165
Conc: 50.27 ng/ml



#12 4,4'-DDE

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 722743141
Conc: 48.15 ng/ml



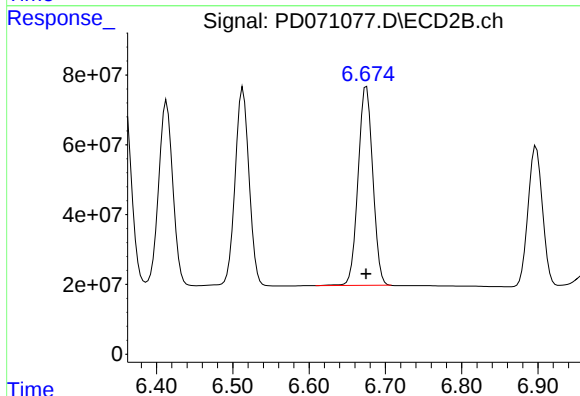
#13 Dieldrin

R.T.: 5.786 min
Delta R.T.: 0.009 min
Response: 188312654
Conc: 50.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

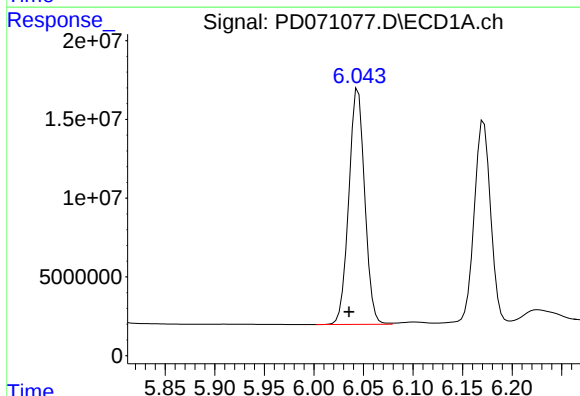
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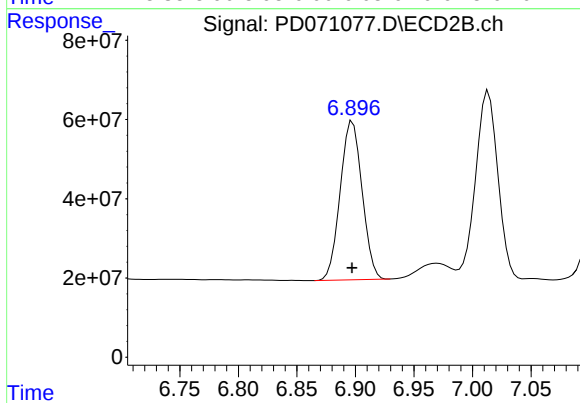
#13 Dieldrin

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 759768425
Conc: 49.72 ng/ml



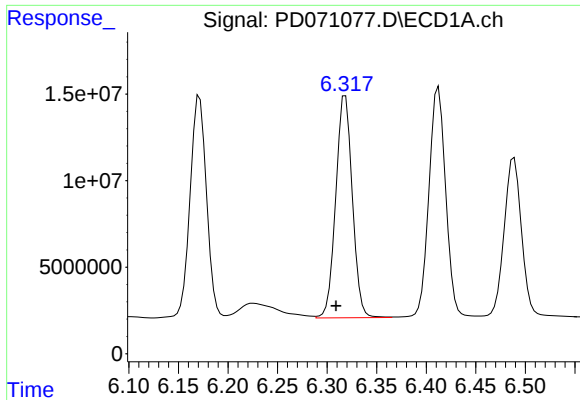
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.009 min
Response: 167255397
Conc: 53.56 ng/ml



#14 Endrin

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 522268567
Conc: 50.35 ng/ml



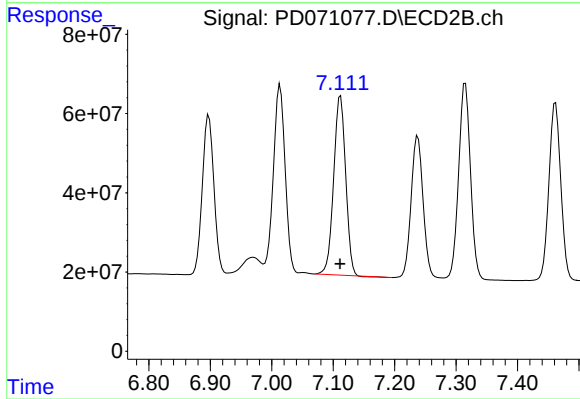
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.009 min
Response: 149330889
Conc: 49.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

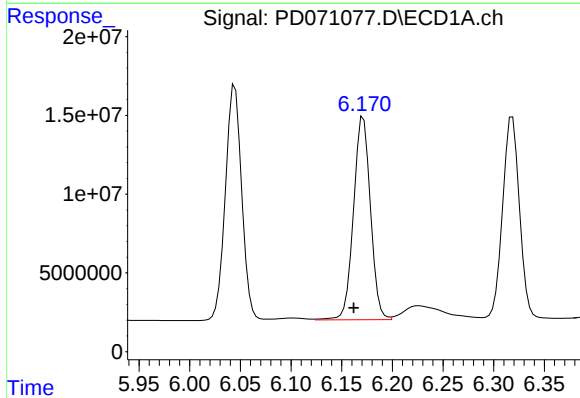
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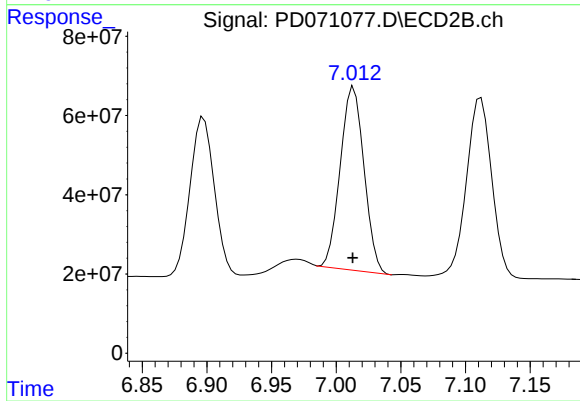
#15 Endosulfan II

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 613773420
Conc: 49.03 ng/ml



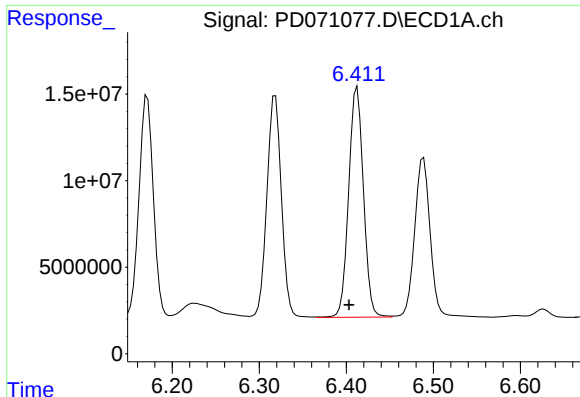
#16 4,4'-DDD

R.T.: 6.171 min
Delta R.T.: 0.010 min
Response: 150078407
Conc: 51.13 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 591160653
Conc: 47.53 ng/ml m



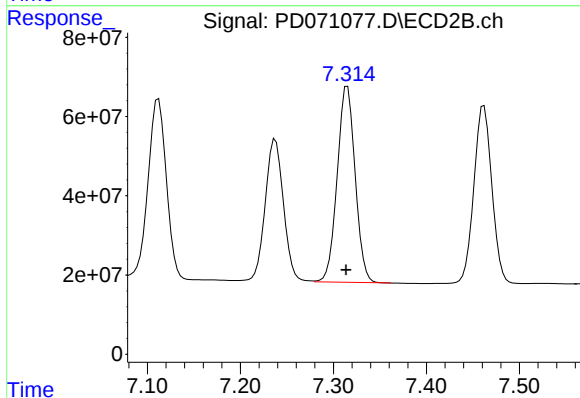
#17 4,4'-DDT

R.T.: 6.412 min
Delta R.T.: 0.009 min
Response: 156606850
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

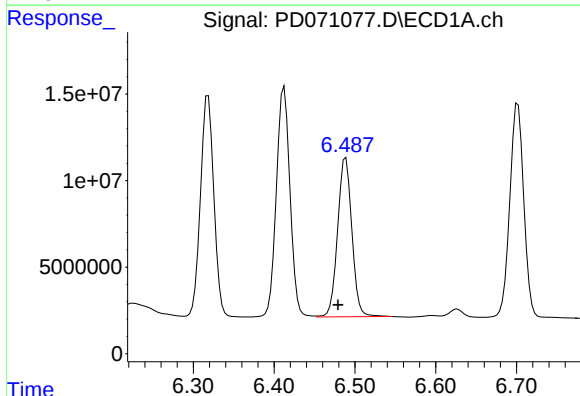
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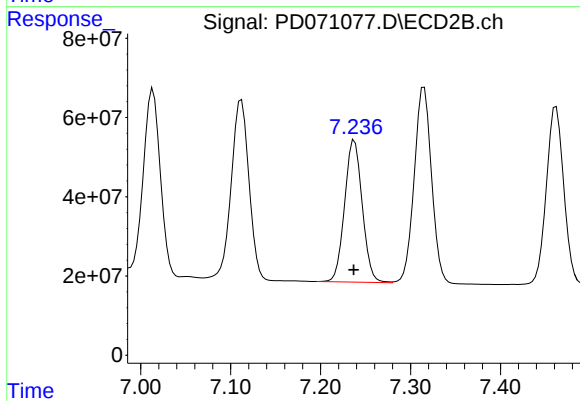
#17 4,4'-DDT

R.T.: 7.315 min
Delta R.T.: 0.001 min
Response: 663030559
Conc: 49.50 ng/ml



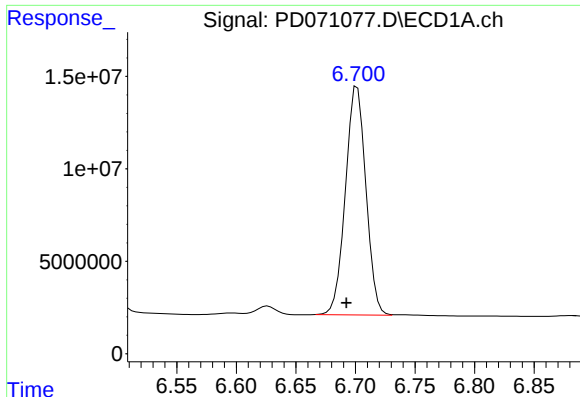
#18 Endrin aldehyde

R.T.: 6.489 min
Delta R.T.: 0.010 min
Response: 112494287
Conc: 46.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 488192695
Conc: 48.41 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.700 min
Delta R.T.: 0.008 min
Response: 148346592
Conc: 49.80 ng/ml

Instrument :

ECD_D

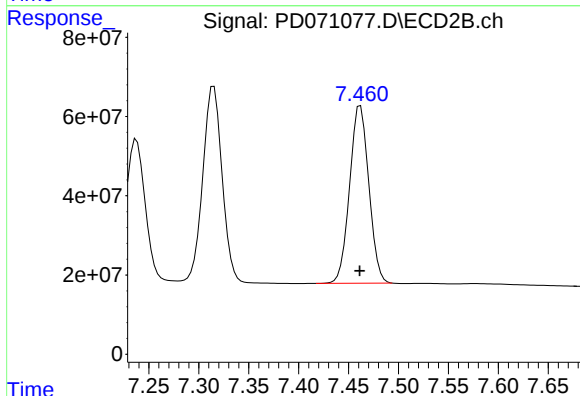
ClientSampleId :

PSTDCCC050

Manual Integrations

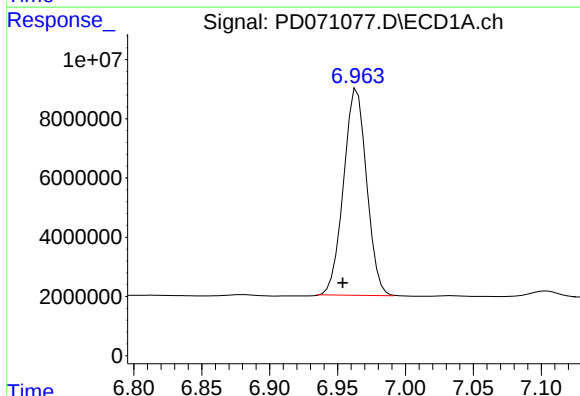
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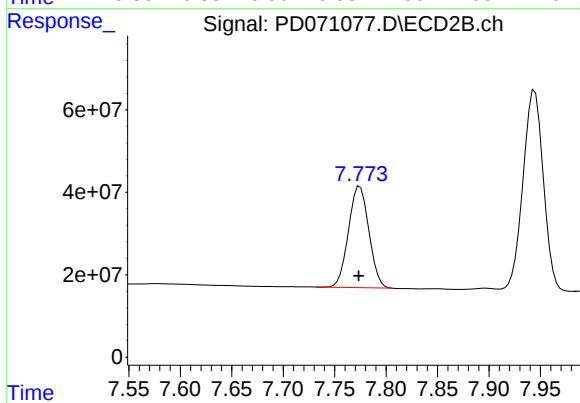
#19 Endosulfan Sulfate

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 600958272
Conc: 49.74 ng/ml



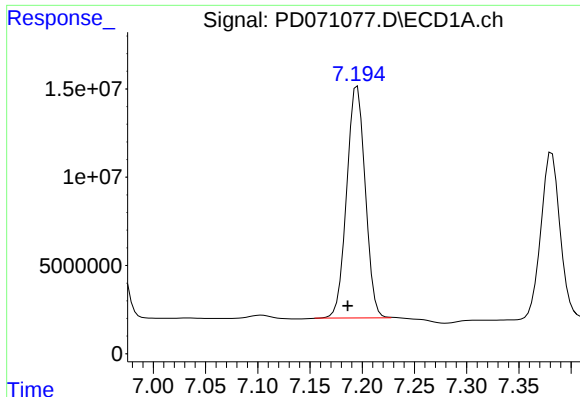
#20 Methoxychlor

R.T.: 6.963 min
Delta R.T.: 0.009 min
Response: 82440063
Conc: 49.87 ng/ml m



#20 Methoxychlor

R.T.: 7.775 min
Delta R.T.: 0.001 min
Response: 339483983
Conc: 49.40 ng/ml



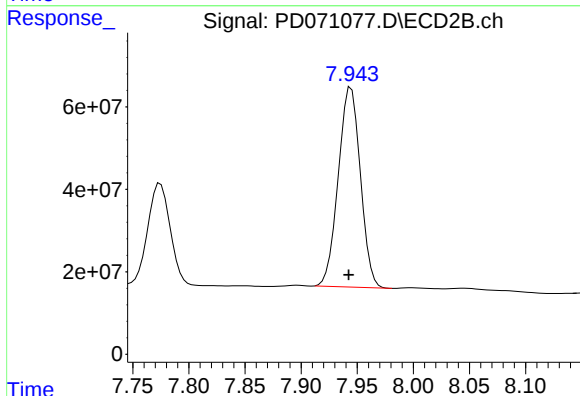
#21 Endrin ketone

R.T.: 7.194 min
Delta R.T.: 0.008 min
Response: 162058689
Conc: 46.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

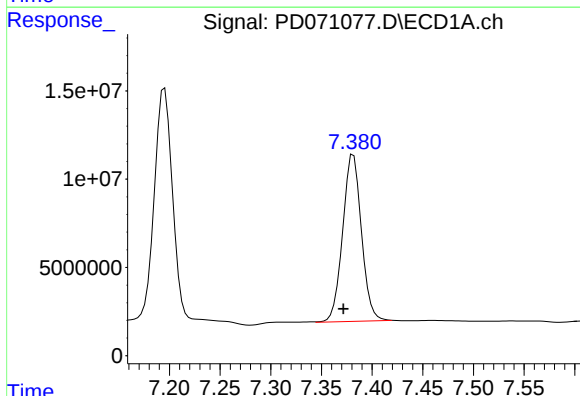
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2022
Supervised By :Ankita Jodhani 07/22/2022



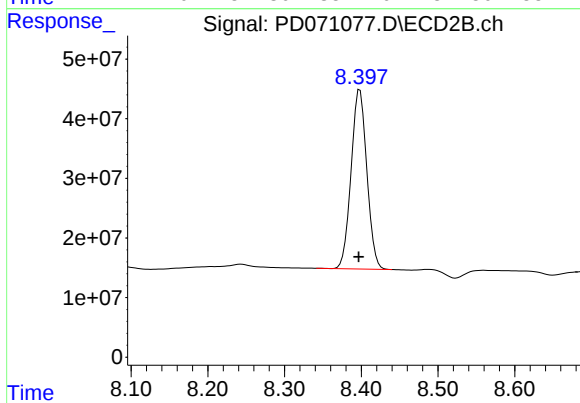
#21 Endrin ketone

R.T.: 7.945 min
Delta R.T.: 0.002 min
Response: 663750944
Conc: 47.96 ng/ml



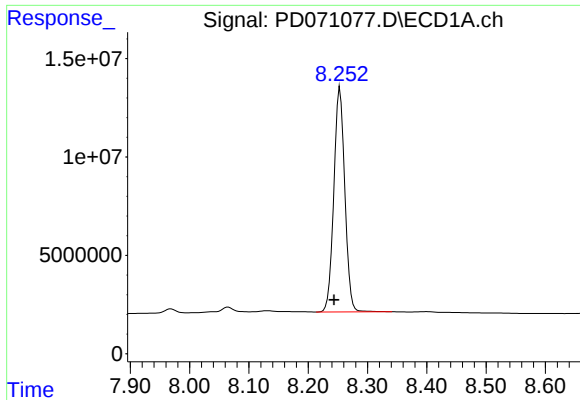
#22 Mirex

R.T.: 7.380 min
Delta R.T.: 0.008 min
Response: 121572709
Conc: 43.85 ng/ml m



#22 Mirex

R.T.: 8.398 min
Delta R.T.: 0.002 min
Response: 432394882
Conc: 47.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.254 min
Delta R.T.: 0.010 min
Response: 146808979
Conc: 48.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

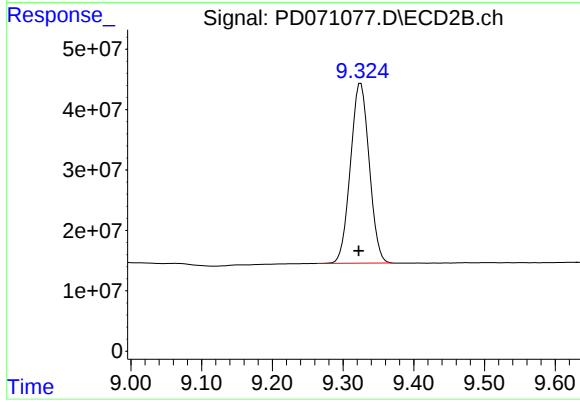
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.325 min
Delta R.T.: 0.003 min
Response: 548728307
Conc: 48.11 ng/ml