

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091022\
 Data File : PD071795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2022 20:34
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2022
 Supervised By : Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 21:55:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 21:49:45 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 x 0.2 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...	2.804	3.562	182.4E6	2067.5E6	74.255	74.143
28)	SA Decachlor...	7.993	9.086	181.5E6	649.7E6	74.137	73.969
Target Compounds							
2)	A alpha-BHC	3.313	4.028	297.5E6	2873.8E6	74.364	74.170
3)	MA gamma-BHC...	3.646	4.364	270.7E6	2316.9E6	74.390	73.960
4)	MA Heptachlor	3.992	4.941	287.0E6	1668.0E6	74.378	73.948
5)	MB Aldrin	4.275	5.283	281.8E6	1390.8E6	74.389	73.869
6)	B beta-BHC	3.944	4.570	110.1E6	902.4E6	74.126	73.754
7)	B delta-BHC	4.178	4.818	271.4E6	1695.1E6	74.326	74.703
8)	B Heptachlo...	4.782	5.714	248.0E6	1090.6E6	74.361	74.412
9)	A Endosulfan I	5.155	6.102	233.8E6	1028.7E6	74.352	74.045
10)	B gamma-Chl...	5.035	5.969	257.3E6	1114.1E6	74.261	74.048
11)	B alpha-Chl...	5.099	6.046	252.4E6	1082.7E6	74.277	74.024
12)	B 4,4'-DDE	5.290	6.219	238.5E6	1041.5E6	74.419	74.050
13)	MA Dieldrin	5.422	6.379	251.4E6	1077.5E6	74.353	74.119
14)	MA Endrin	5.699	6.612	220.3E6	895.8E6	74.311	74.137
15)	B Endosulfa...	5.994	6.838	200.4E6	846.8E6	74.197	74.028
16)	A 4,4'-DDD	5.848	6.744	195.9E6	844.1E6	74.280	73.752
17)	MA 4,4'-DDT	6.101	7.055	206.7E6	883.6E6	74.423	74.039
18)	B Endrin al...	6.175	6.969	158.7E6	672.6E6	74.237	73.892
19)	B Endosulfa...	6.399	7.202	198.9E6	799.6E6	74.229	73.908
20)	A Methoxychlor	6.680	7.531	109.9E6	435.3E6	73.957	73.781
21)	B Endrin ke...	6.909	7.693	229.8E6	884.2E6	74.346	74.004
22)	Mirex	7.094	8.155	172.3E6	600.5E6	73.971m	74.080

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091022\
Data File : PD071795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2022 20:34
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

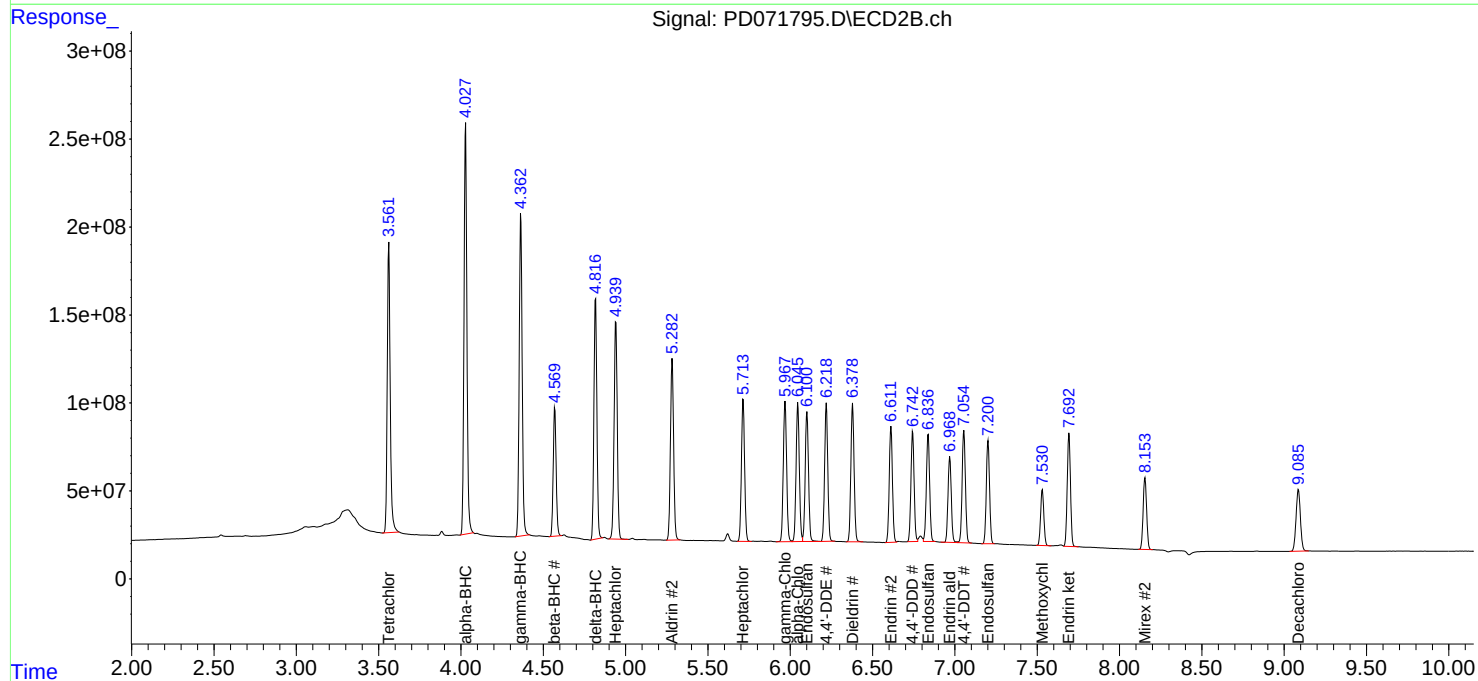
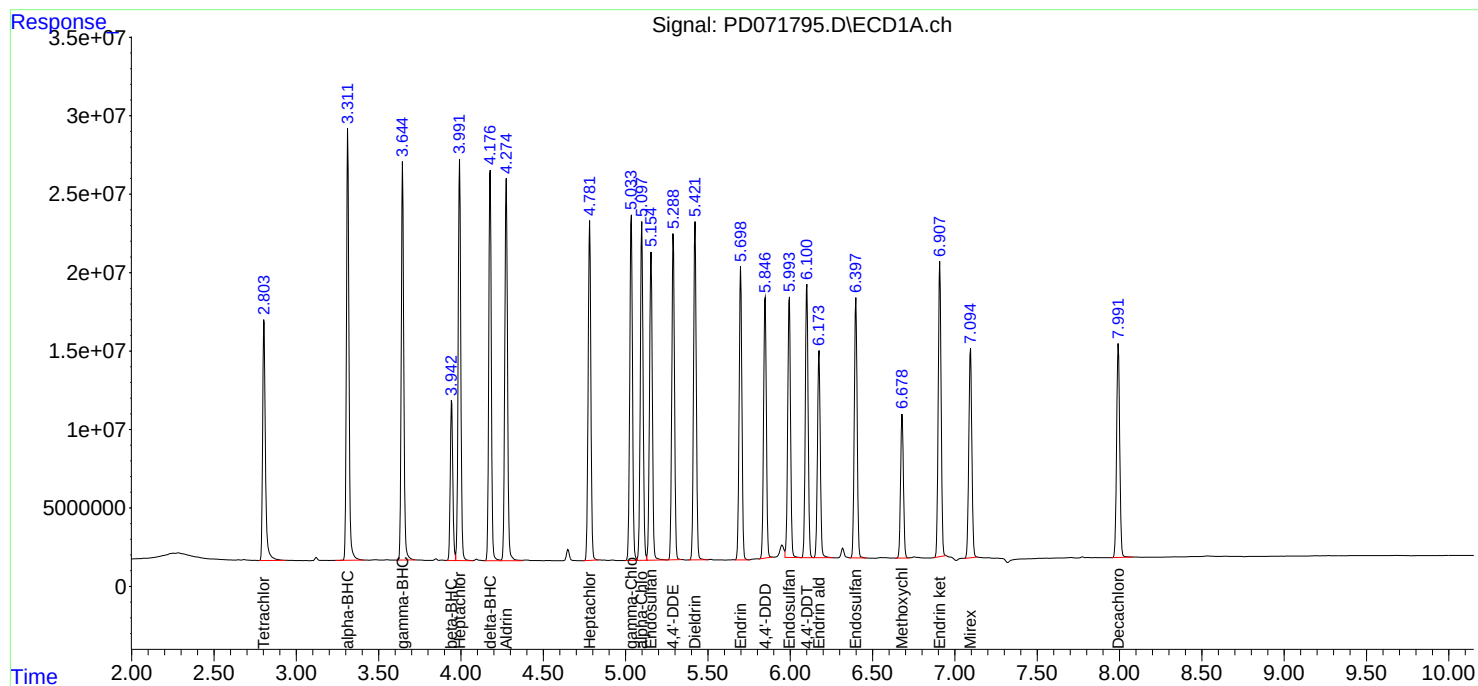
Instrument :
ECD_D
ClientSampleId :
PSTDICC075

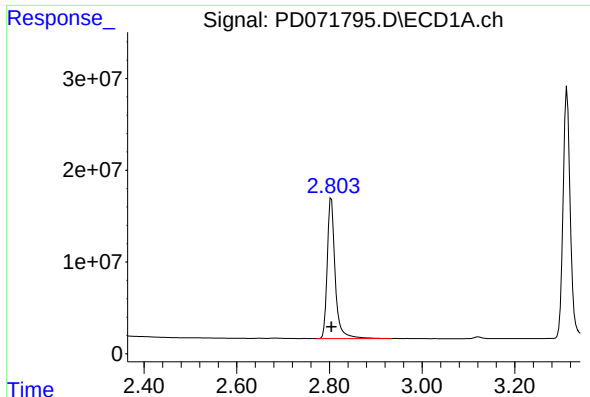
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2022
Supervised By :Ankita Jodhani 09/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 21:55:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 21:49:45 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.: 2.804 min
Delta R.T.: 0.000 min
Response: 182361942
Conc: 74.26 ng/ml

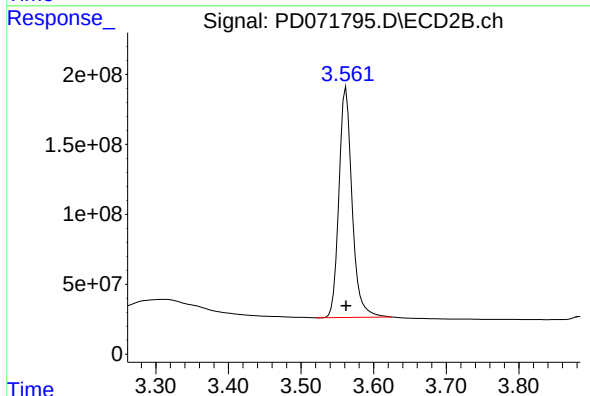
Instrument :

ECD_D

ClientSampleId :
PSTDICC075

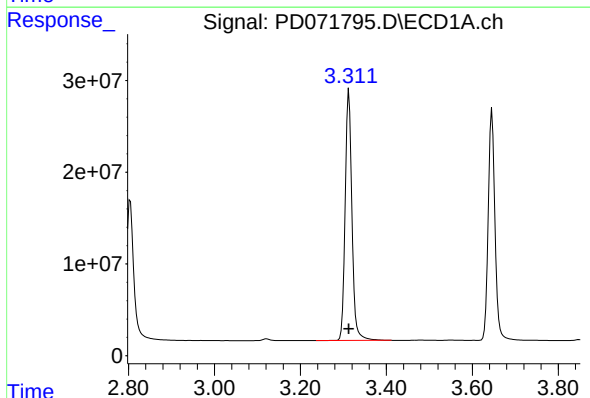
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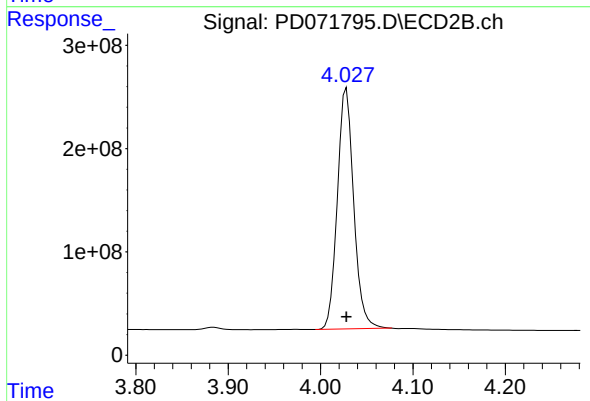
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 2067472424
Conc: 74.14 ng/ml



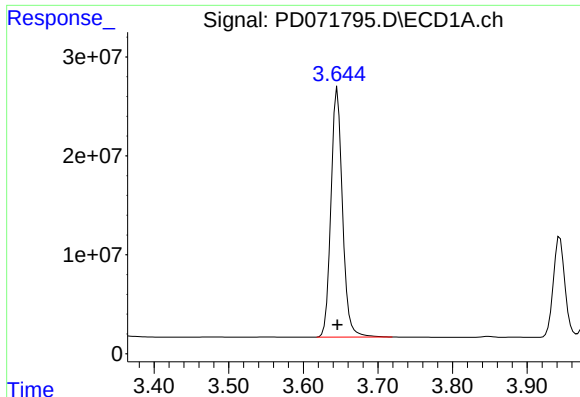
#2 alpha-BHC

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 297489067
Conc: 74.36 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 2873780352
Conc: 74.17 ng/ml



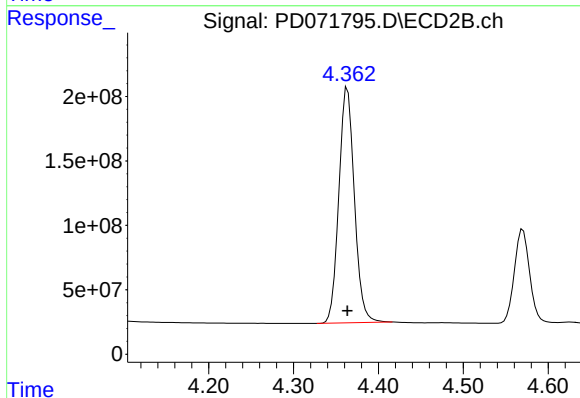
#3 gamma-BHC (Lindane)

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 270664048
Conc: 74.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

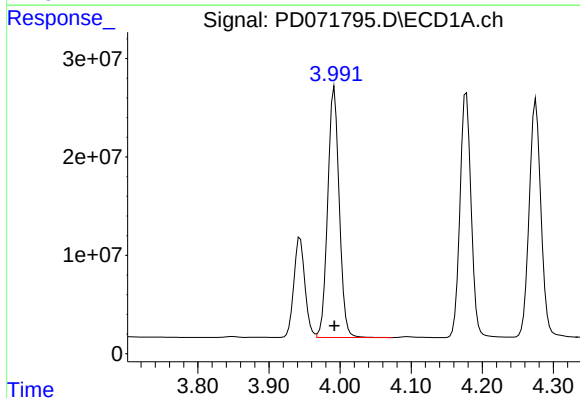
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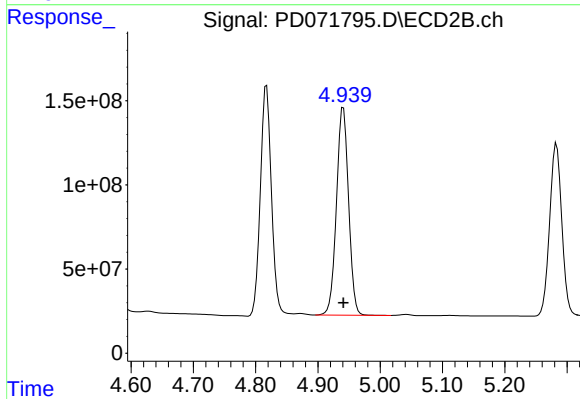
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2316909890
Conc: 73.96 ng/ml



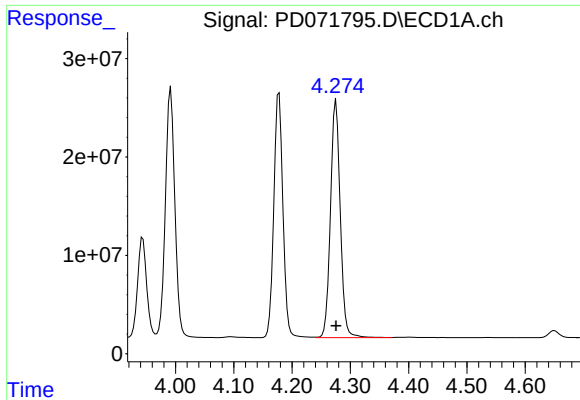
#4 Heptachlor

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 287011972
Conc: 74.38 ng/ml



#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1668016599
Conc: 73.95 ng/ml



#5 Aldrin

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 281773050
Conc: 74.39 ng/ml

Instrument :

ECD_D

ClientSampleId :

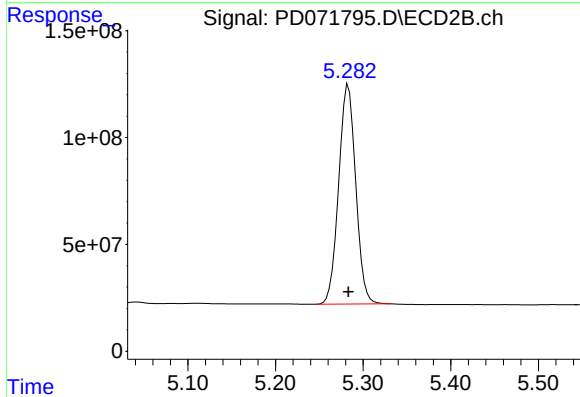
PSTDICC075

Manual Integrations

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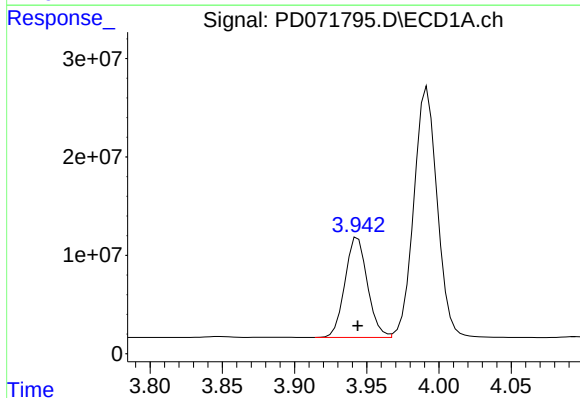
Reviewed By :Abdul Mirza 09/12/2022

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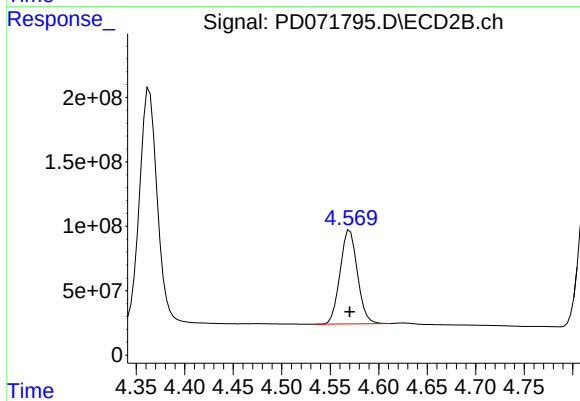
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 1390827297
Conc: 73.87 ng/ml



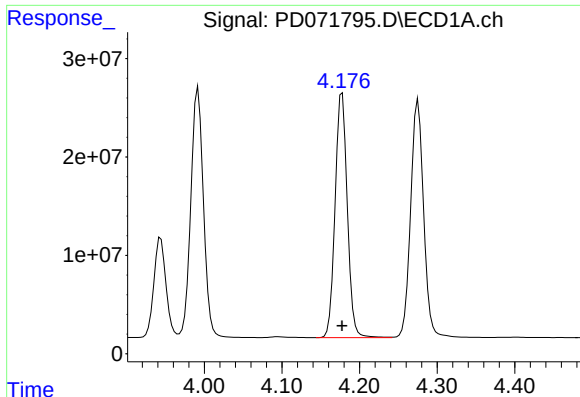
#6 beta-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 110055908
Conc: 74.13 ng/ml



#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 902410567
Conc: 73.75 ng/ml



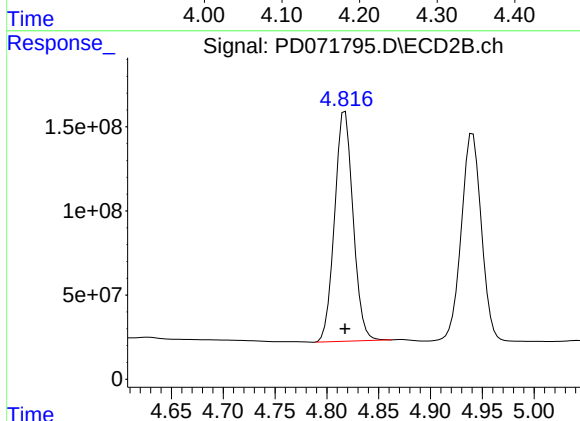
#7 delta-BHC

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 271430135
Conc: 74.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

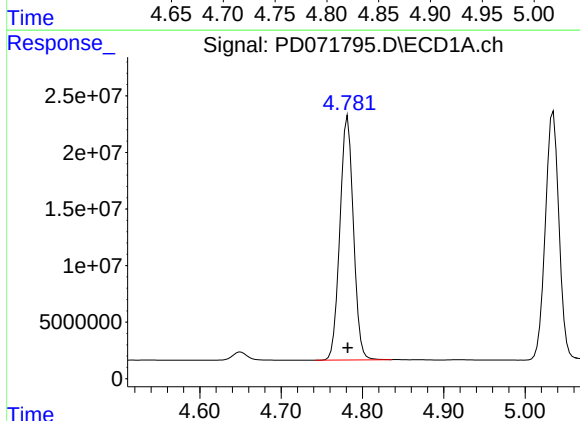
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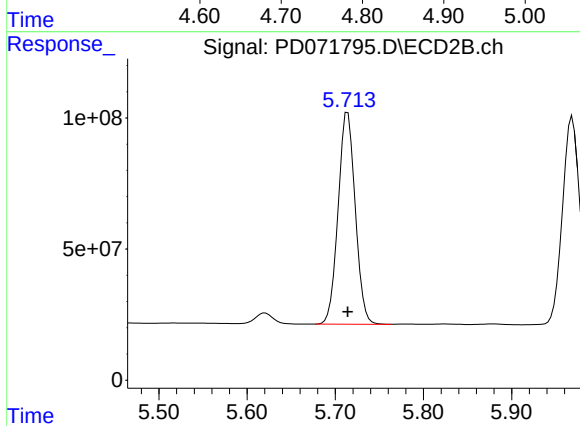
#7 delta-BHC

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 1695063200
Conc: 74.70 ng/ml



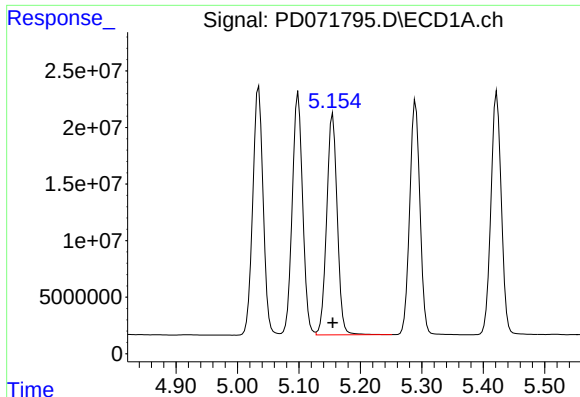
#8 Heptachlor epoxide

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 248000937
Conc: 74.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1090600441
Conc: 74.41 ng/ml



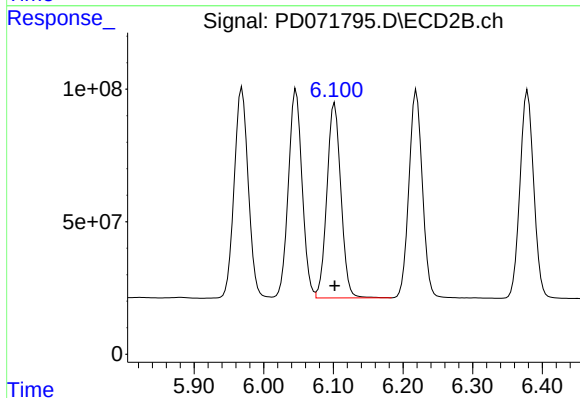
#9 Endosulfan I

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 233792838
Conc: 74.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

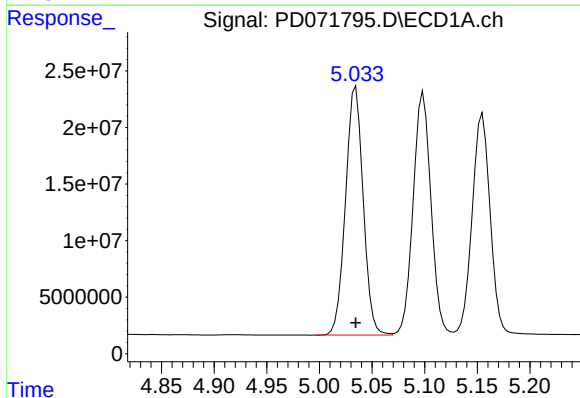
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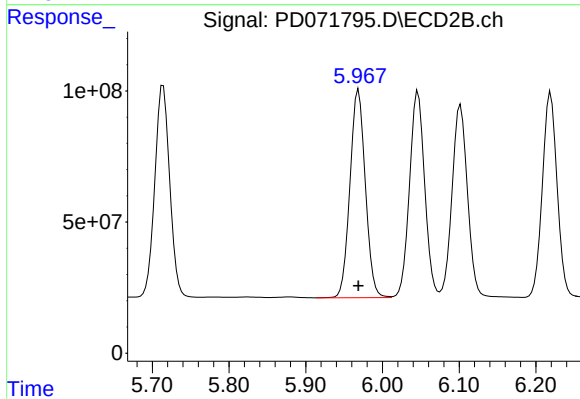
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 1028695736
Conc: 74.04 ng/ml



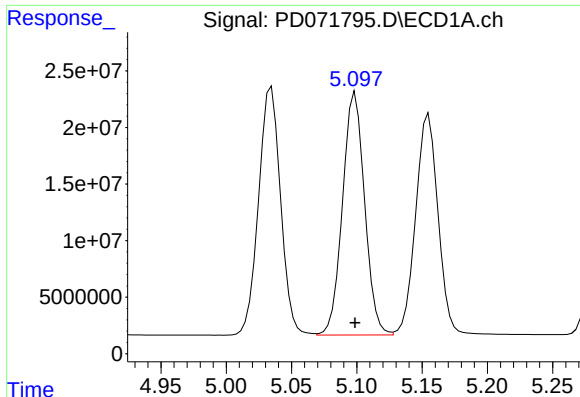
#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 257297663
Conc: 74.26 ng/ml



#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 1114140449
Conc: 74.05 ng/ml



#11 alpha-Chlordane

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 252416159
Conc: 74.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

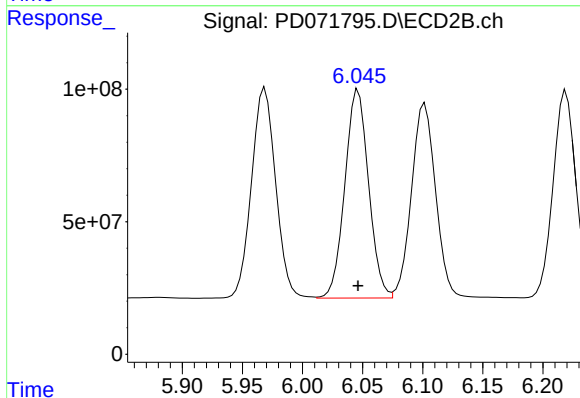
PSTDICC075

Manual Integrations

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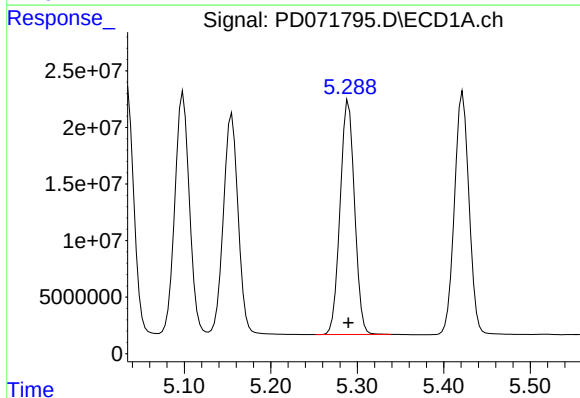
Reviewed By :Abdul Mirza 09/12/2022

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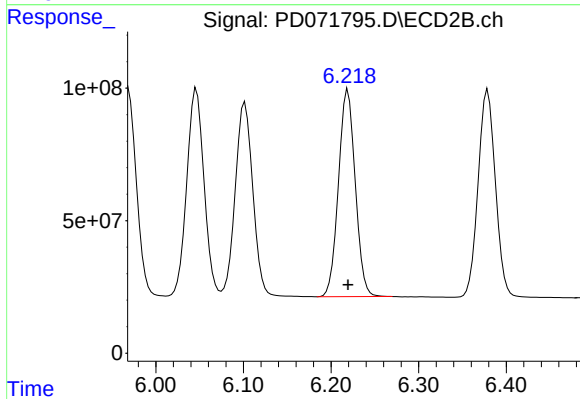
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 1082670218
Conc: 74.02 ng/ml



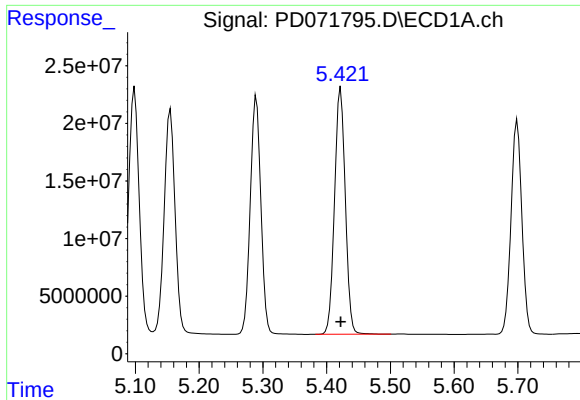
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 238458076
Conc: 74.42 ng/ml



#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 1041495726
Conc: 74.05 ng/ml



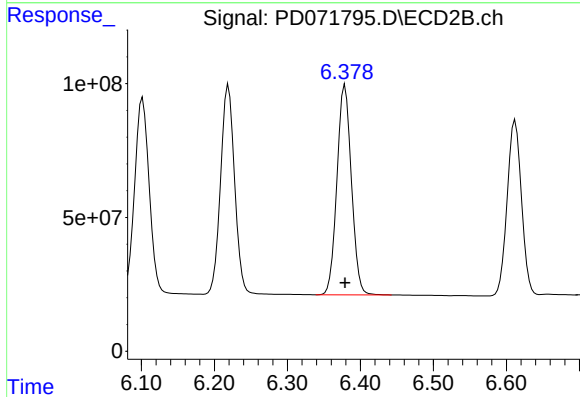
#13 Dieldrin

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 251426050
Conc: 74.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

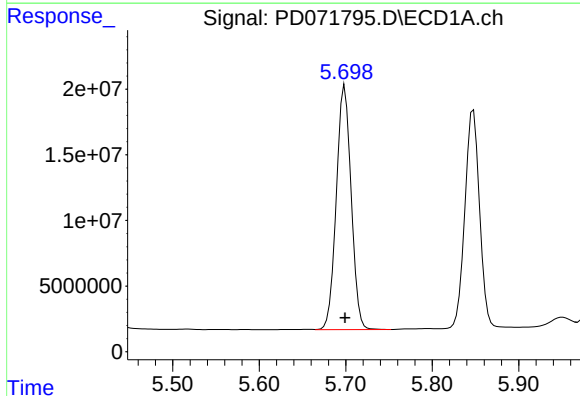
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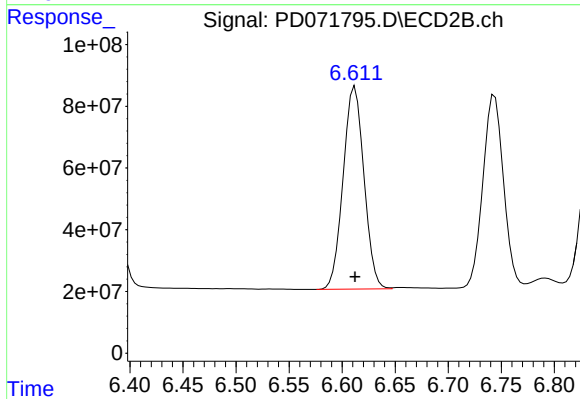
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 1077523470
Conc: 74.12 ng/ml



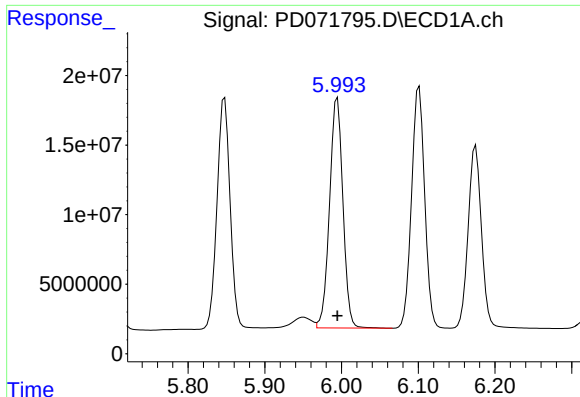
#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 220349798
Conc: 74.31 ng/ml



#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 895792250
Conc: 74.14 ng/ml



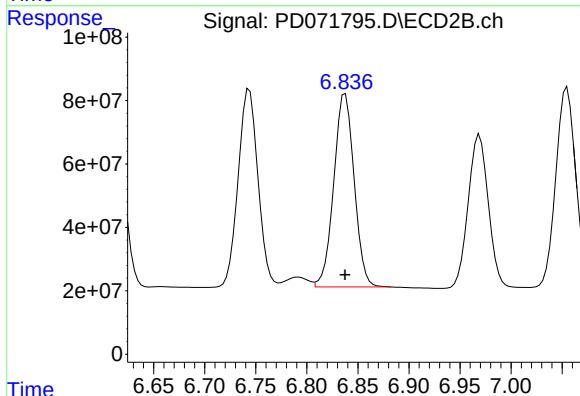
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 200395527
Conc: 74.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

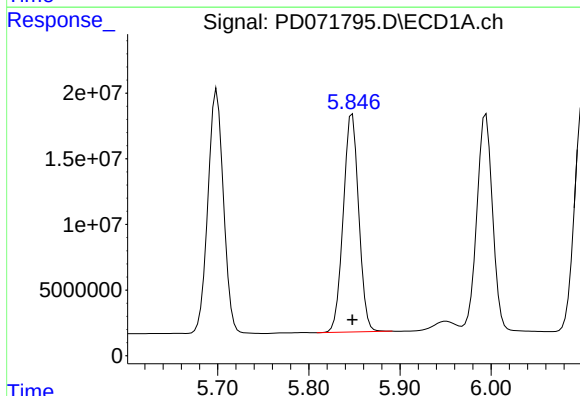
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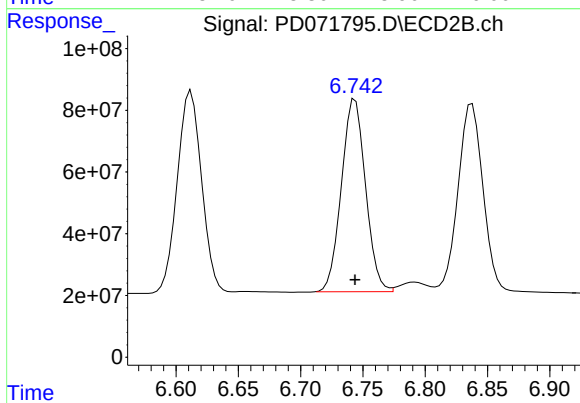
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 846759339
Conc: 74.03 ng/ml



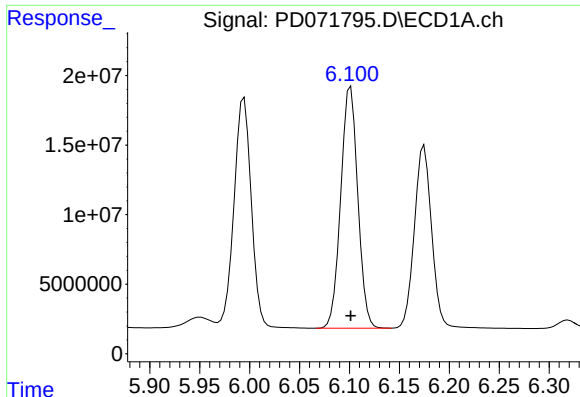
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 195857013
Conc: 74.28 ng/ml



#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 844098407
Conc: 73.75 ng/ml



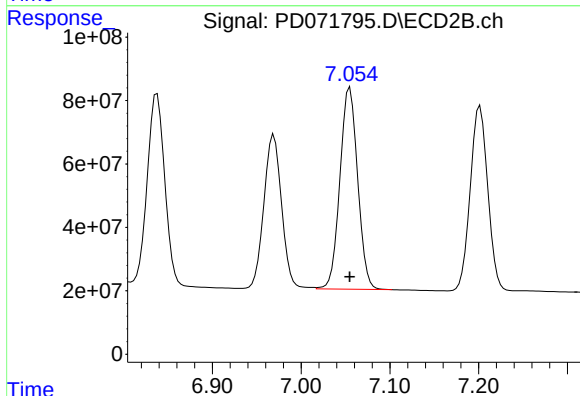
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 206695297
Conc: 74.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

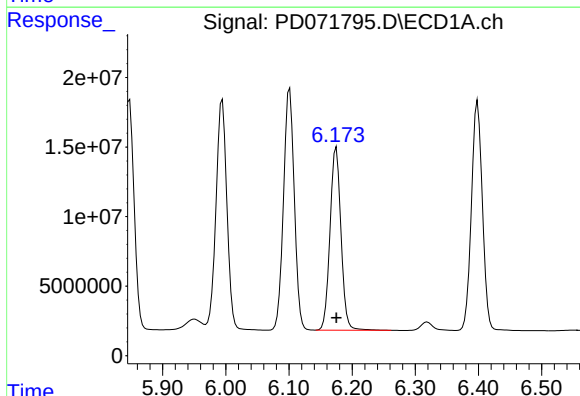
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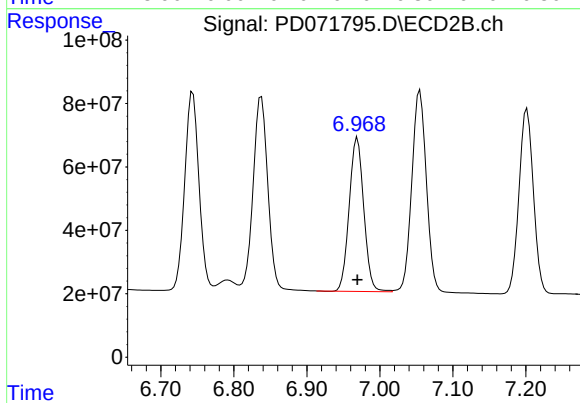
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 883608871
Conc: 74.04 ng/ml



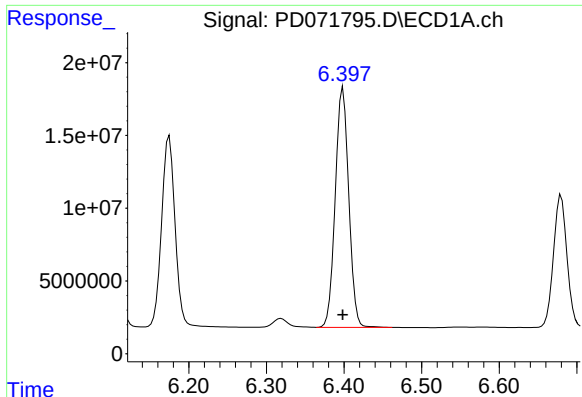
#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 158660775
Conc: 74.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 672552270
Conc: 73.89 ng/ml



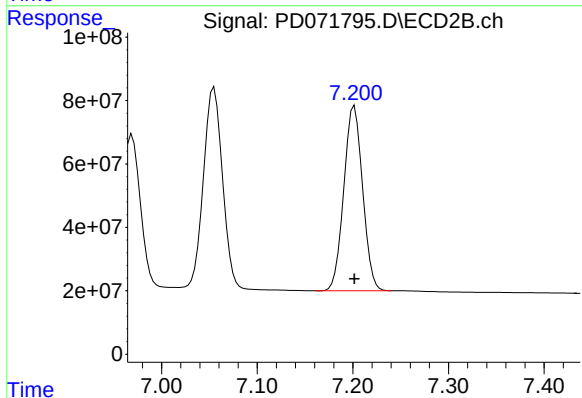
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 198901574
Conc: 74.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

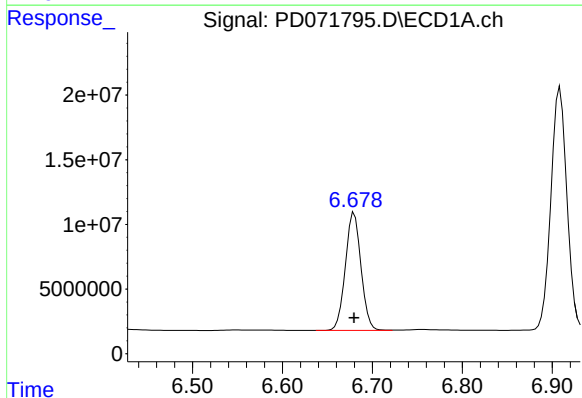
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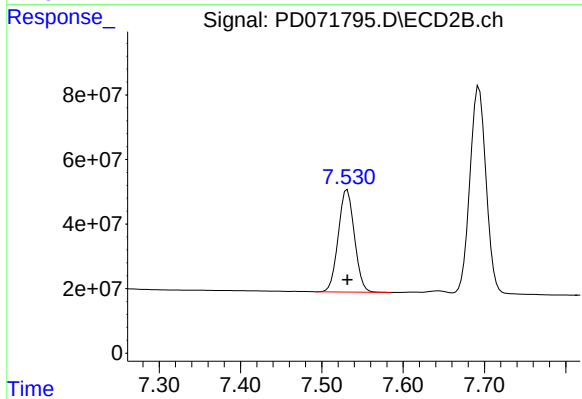
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 799631622
Conc: 73.91 ng/ml



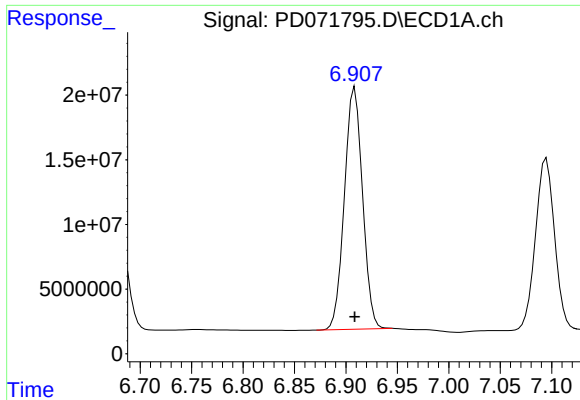
#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 109915740
Conc: 73.96 ng/ml



#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 435326691
Conc: 73.78 ng/ml



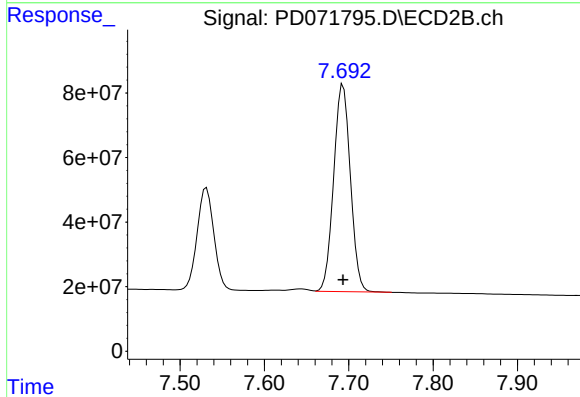
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 229758311
Conc: 74.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

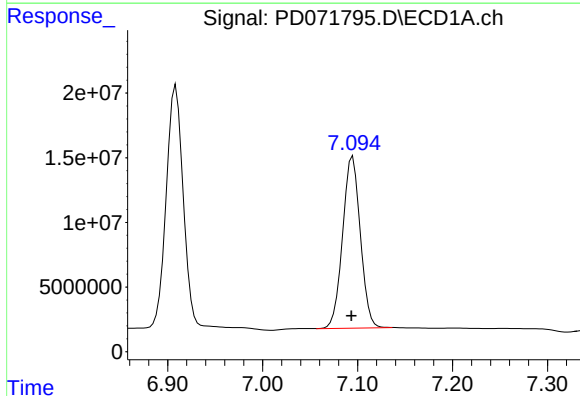
Manual Integrations
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Reviewed By :Abdul Mirza 09/12/2022
Supervised By :Ankita Jodhani 09/13/2022



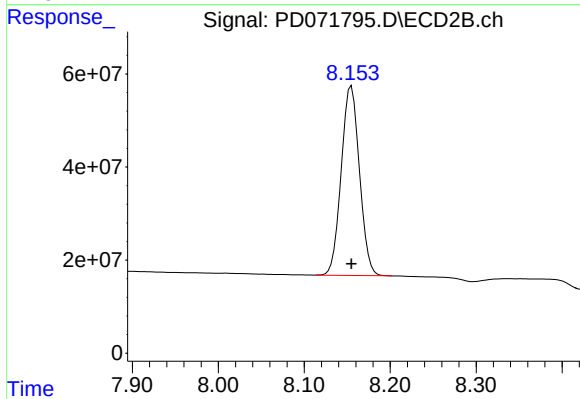
#21 Endrin ketone

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 884203795
Conc: 74.00 ng/ml



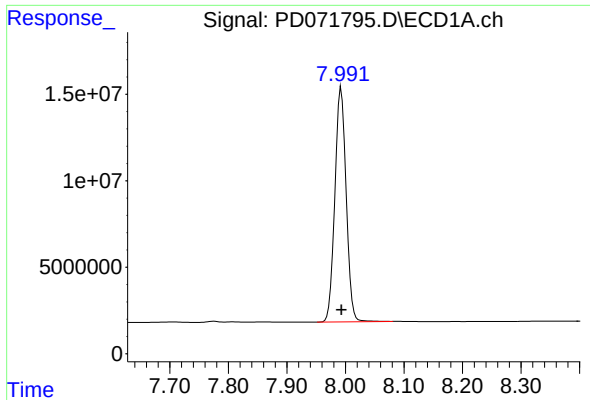
#22 Mirex

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 172281869
Conc: 73.97 ng/ml m



#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 600502052
Conc: 74.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 181520658
Conc: 74.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

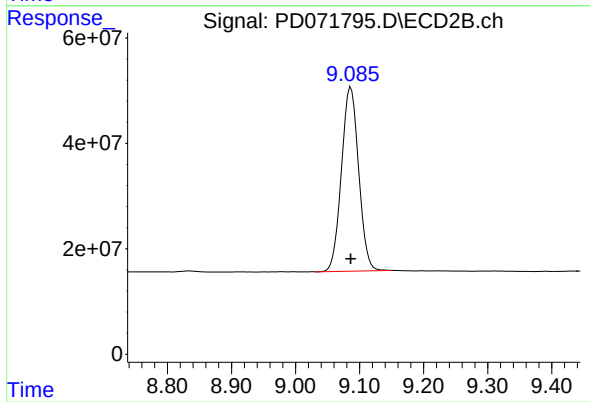
PSTDICC075

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/12/2022

Supervised By :Ankita Jodhani 09/13/2022



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 649679257
Conc: 73.97 ng/ml