

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
 Data File : PD071073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 21:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2022
 Supervised By : Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 08:32:57 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 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...	3.474	4.126	151.7E6	1402.0E6	52.338	48.490
28)	SA Decachlor...	8.244	9.323	123.1E6	505.1E6	40.306	44.290
Target Compounds							
2)	A alpha-BHC	3.916	4.531	235.3E6	1836.8E6	53.624	48.460
3)	MA gamma-BHC...	4.200	4.824	217.2E6	1445.4E6	50.012	48.393
4)	MA Heptachlor	4.498	5.340	207.7E6	1022.6E6	49.874m	46.294
5)	MB Aldrin	4.748	5.653	210.2E6	874.9E6	50.290	47.262
6)	B beta-BHC	4.449	5.000	82205311	592.8E6	49.184	44.194
7)	B delta-BHC	4.654	5.224	202.3E6	1132.0E6	51.102	47.879
8)	B Heptachlo...	5.193	6.047	177.9E6	695.3E6	47.494	45.990
9)	A Endosulfan I	5.533	6.413	168.9E6	694.3E6	48.376	47.831
10)	B gamma-Chl...	5.419	6.285	178.3E6	777.6E6	45.844	49.306
11)	B alpha-Chl...	5.478	6.358	174.6E6	737.5E6	45.679	47.928
12)	B 4,4'-DDE	5.644	6.513	172.0E6	696.8E6	48.835	46.424
13)	MA Dieldrin	5.777	6.674	196.3E6	705.4E6	52.255	46.163
14)	MA Endrin	6.035	6.898	161.3E6	498.4E6	51.663	48.053
15)	B Endosulfa...	6.308	7.111	146.9E6	556.7E6	48.839	44.475
16)	A 4,4'-DDD	6.162	7.012	154.1E6	572.3E6	52.516	46.015
17)	MA 4,4'-DDT	6.403	7.314	142.6E6	583.6E6	46.574	43.573
18)	B Endrin al...	6.478	7.236	109.6E6	450.6E6	45.714	44.683
19)	B Endosulfa...	6.690	7.461	132.7E6	539.2E6	44.555m	44.627
20)	A Methoxychlor	6.952	7.773	68473780	295.0E6	41.421m	42.935
21)	B Endrin ke...	7.186	7.942	156.3E6	609.8E6	45.117	44.063
22)	Mirex	7.370	8.397	113.0E6	388.8E6	40.746m	42.306

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

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Data File : PD071073.D
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Acq On : 20 Jul 2022 21:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

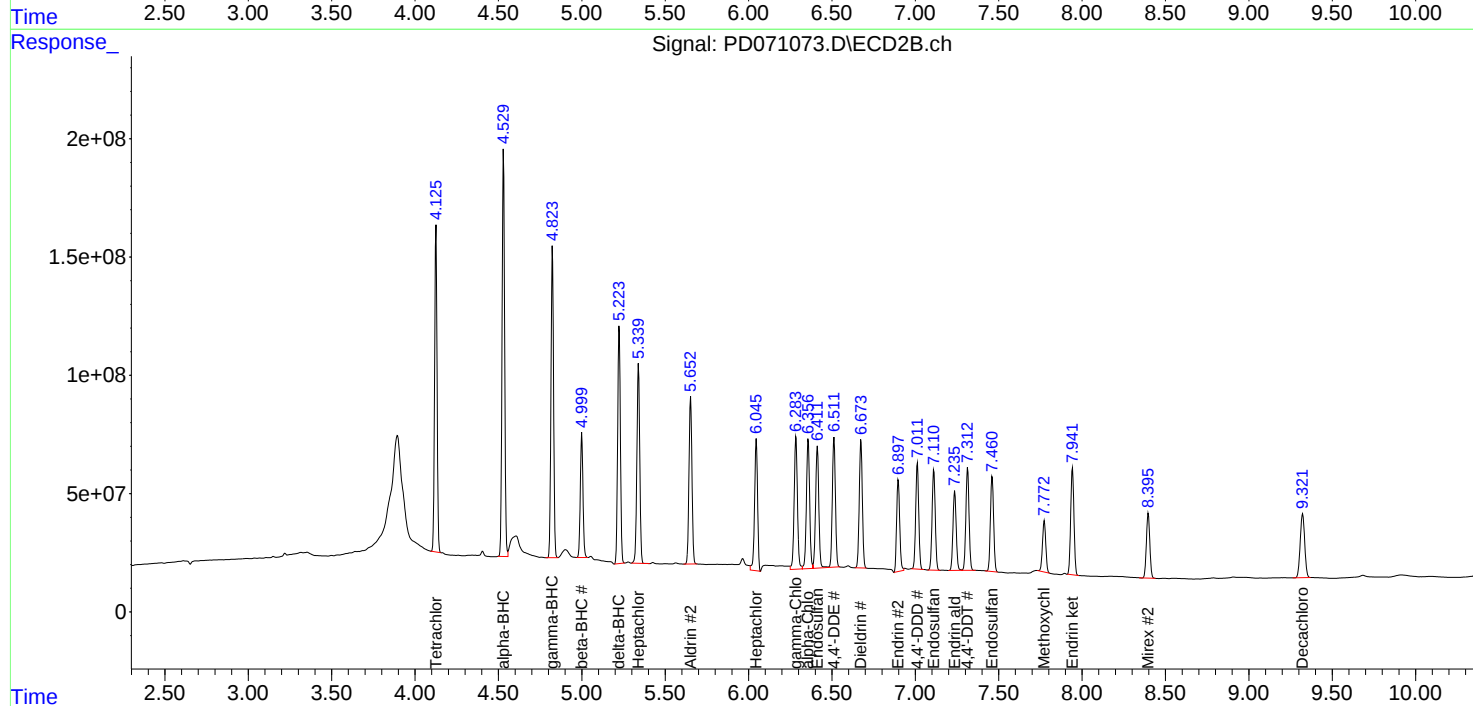
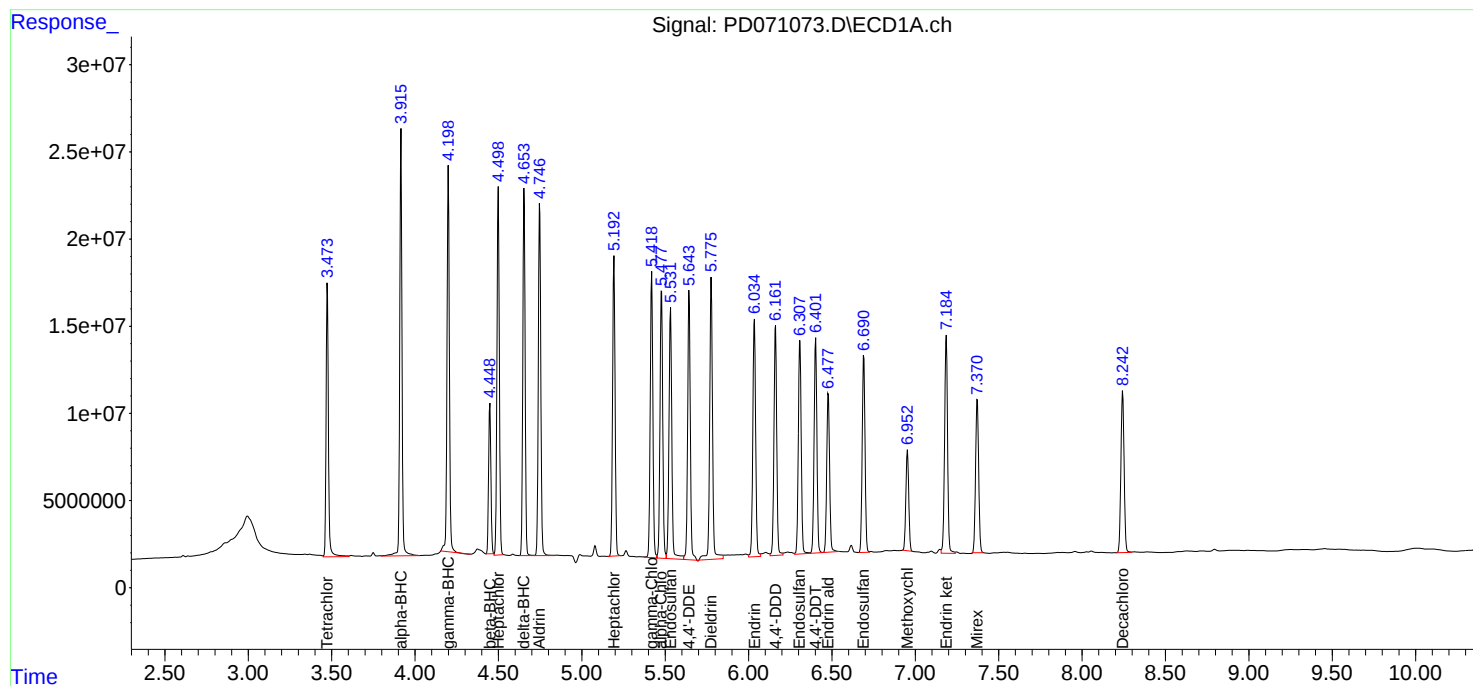
APPROVED

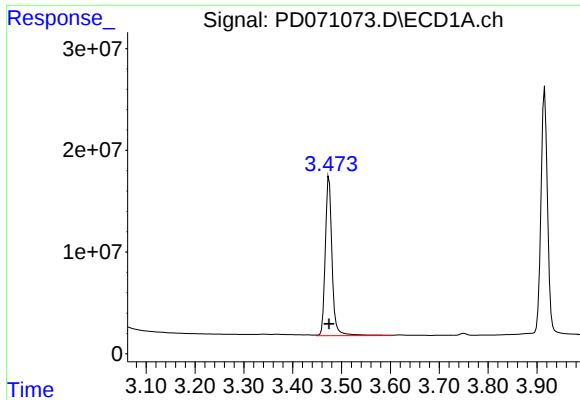
Reviewed By :Abdul Mirza 07/21/2022

Supervised By :Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 08:32:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
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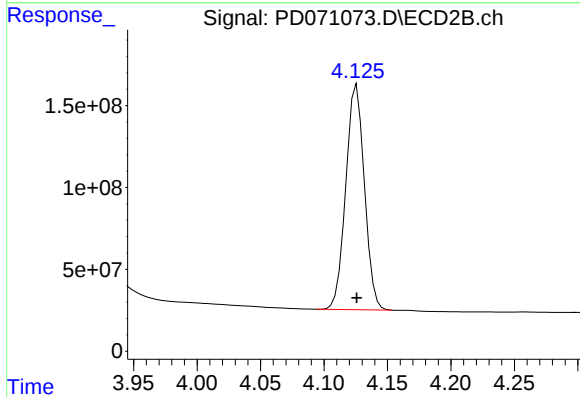
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 151670931
Conc: 52.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

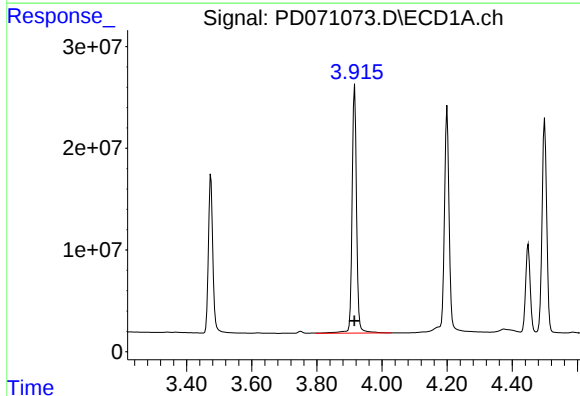
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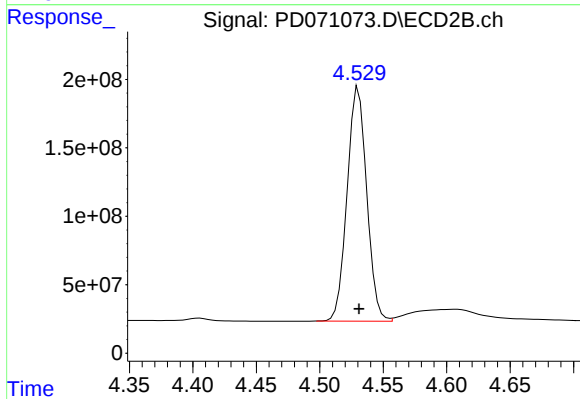
#1 Tetrachloro-m-xylene

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 1401951334
Conc: 48.49 ng/ml



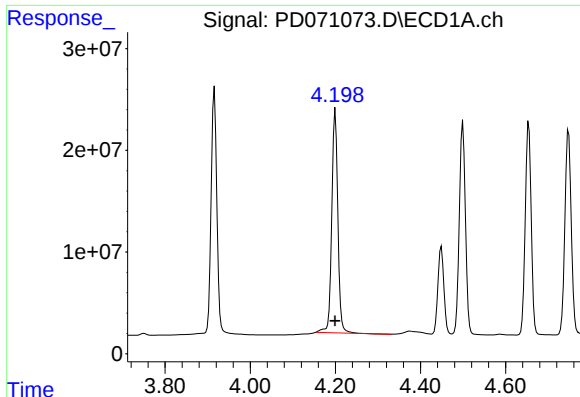
#2 alpha-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 235260707
Conc: 53.62 ng/ml



#2 alpha-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 1836803183
Conc: 48.46 ng/ml



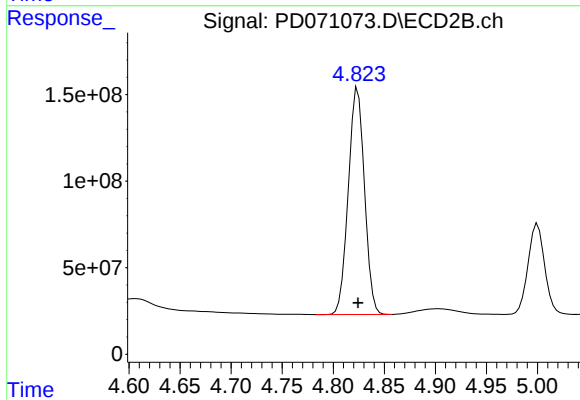
#3 gamma-BHC (Lindane)

R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 217154707
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

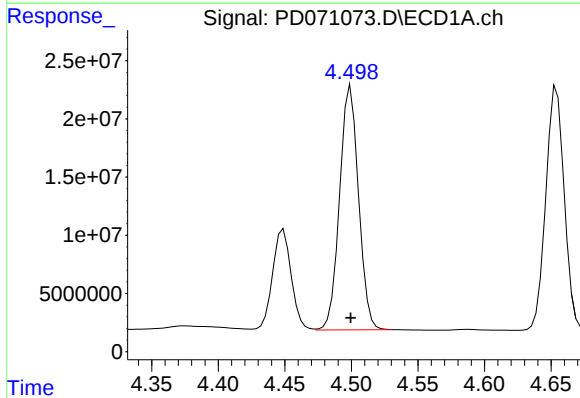
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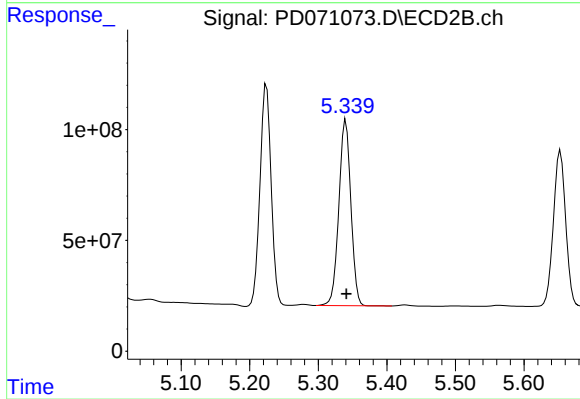
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1445359524
Conc: 48.39 ng/ml



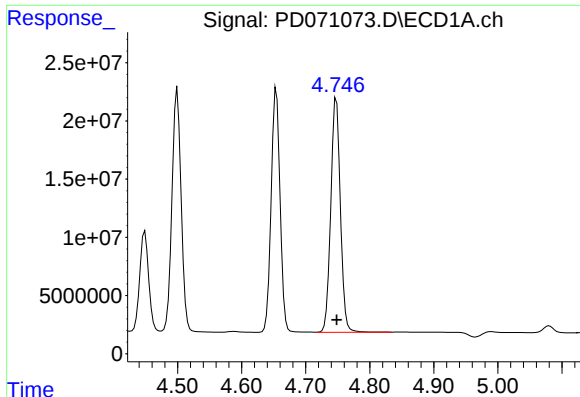
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 207651494
Conc: 49.87 ng/ml m



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 1022608033
Conc: 46.29 ng/ml



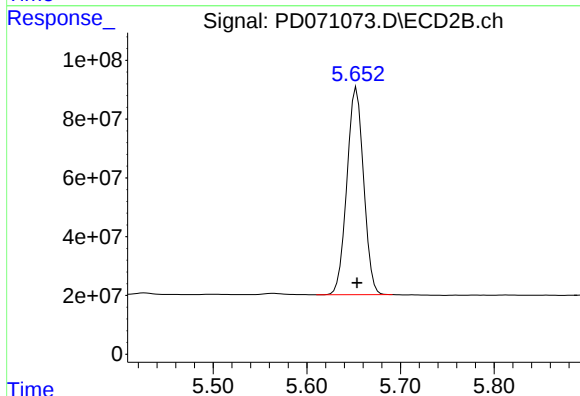
#5 Aldrin

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 210162942
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

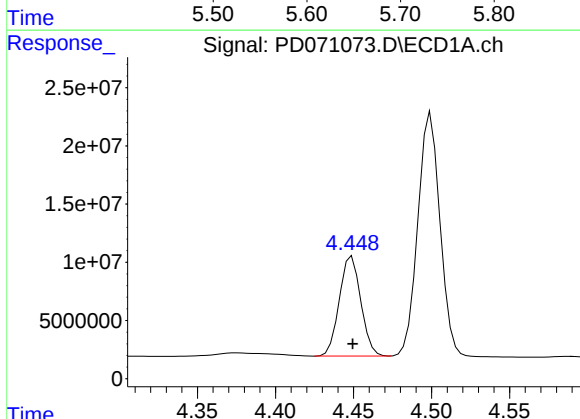
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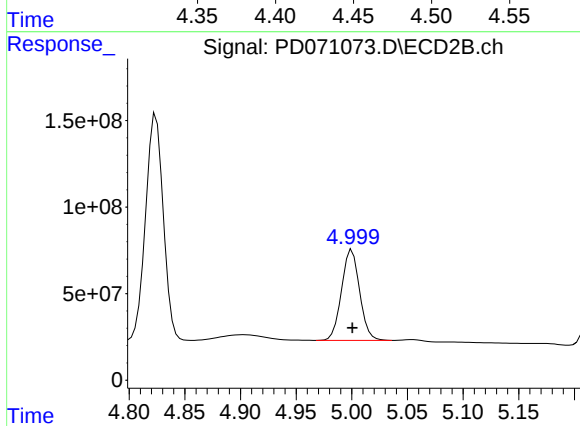
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 874947207
Conc: 47.26 ng/ml



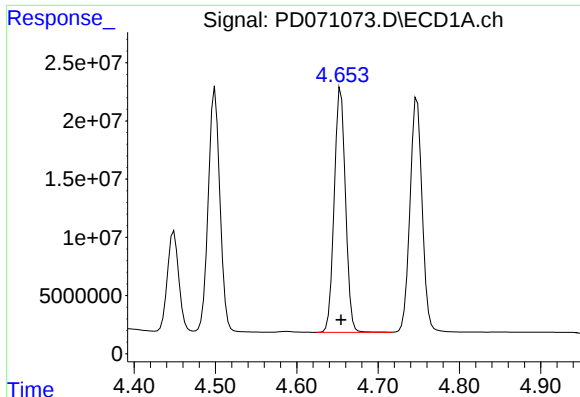
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 82205311
Conc: 49.18 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 592789872
Conc: 44.19 ng/ml



#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 202259473
Conc: 51.10 ng/ml

Instrument :

ECD_D

ClientSampleId :

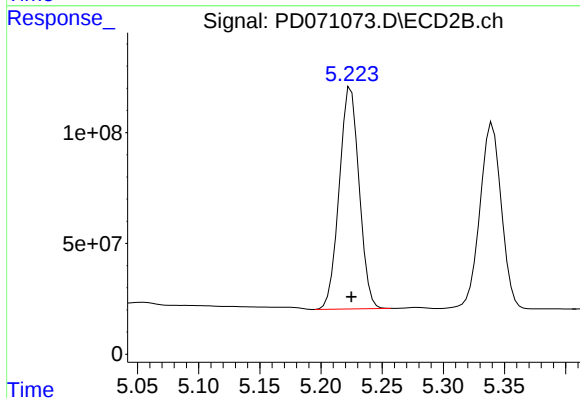
PSTDCCC050

Manual Integrations

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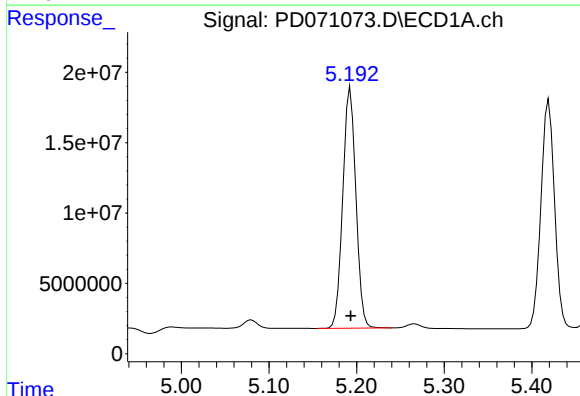
Reviewed By :Abdul Mirza 07/21/2022

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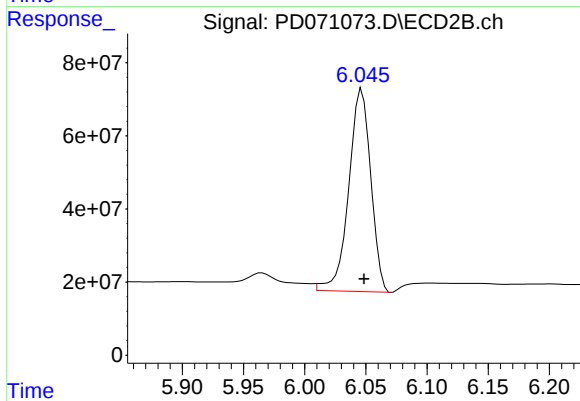
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 1132045415
Conc: 47.88 ng/ml



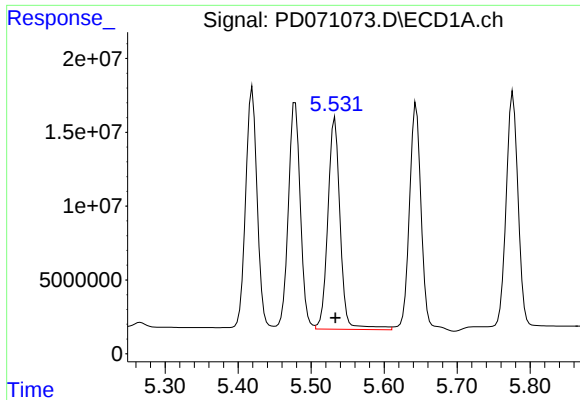
#8 Heptachlor epoxide

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 177903423
Conc: 47.49 ng/ml



#8 Heptachlor epoxide

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 695327545
Conc: 45.99 ng/ml



#9 Endosulfan I

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 168911929
Conc: 48.38 ng/ml

Instrument :

ECD_D

ClientSampleId :

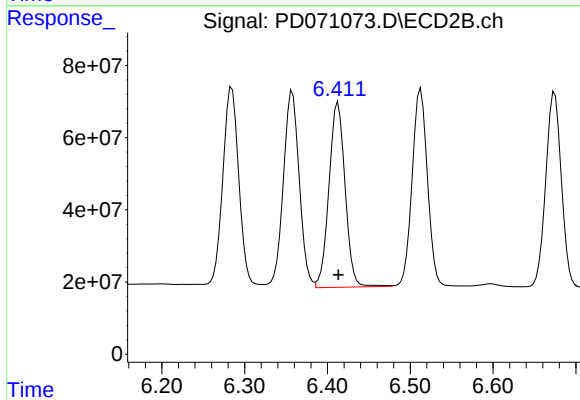
PSTDCCC050

Manual Integrations

APPROVED

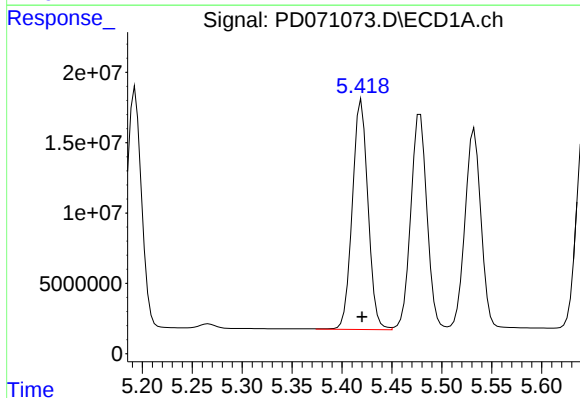
Reviewed By :Abdul Mirza 07/21/2022

Supervised By :Ankita Jodhani 07/21/2022



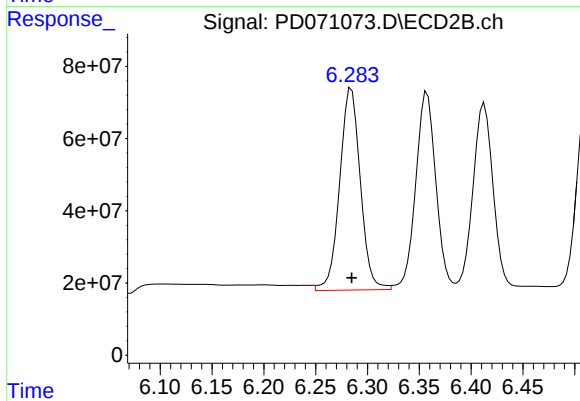
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 694334764
Conc: 47.83 ng/ml



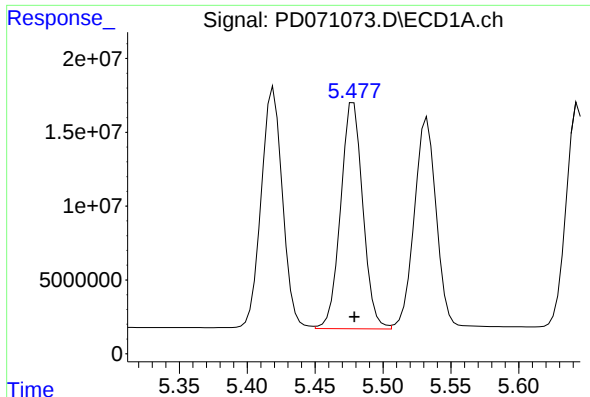
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 178258569
Conc: 45.84 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 777629929
Conc: 49.31 ng/ml



#11 alpha-Chlordane

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 174647844
Conc: 45.68 ng/ml

Instrument :

ECD_D

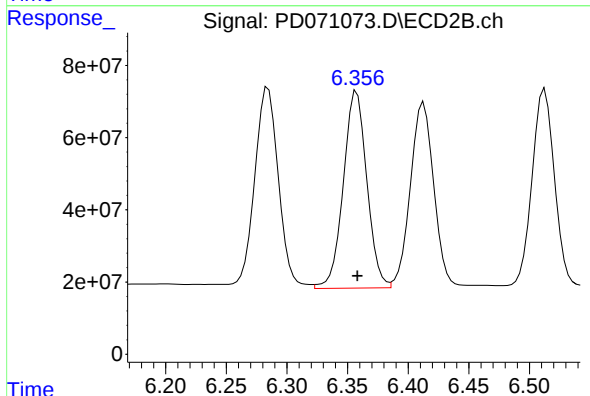
ClientSampleId :

PSTDCCC050

Manual Integrations

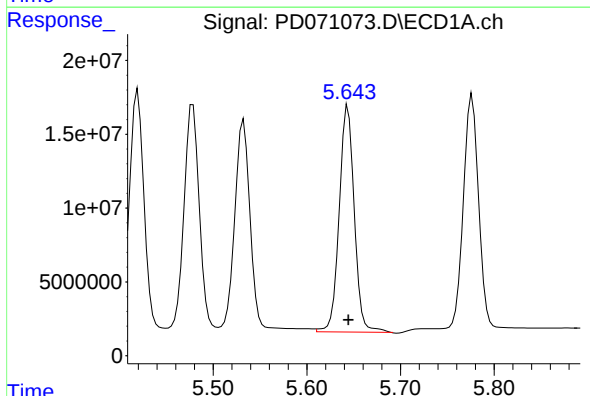
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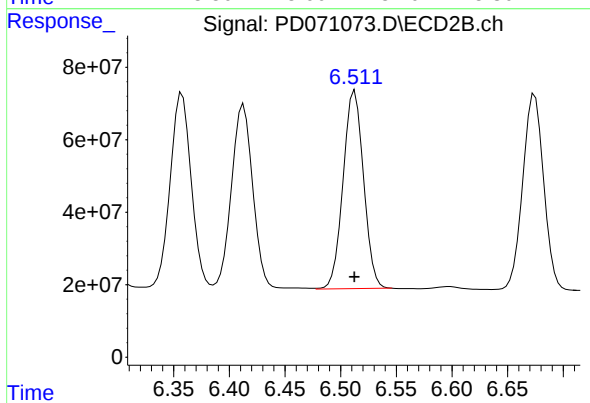
#11 alpha-Chlordane

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 737461707
Conc: 47.93 ng/ml



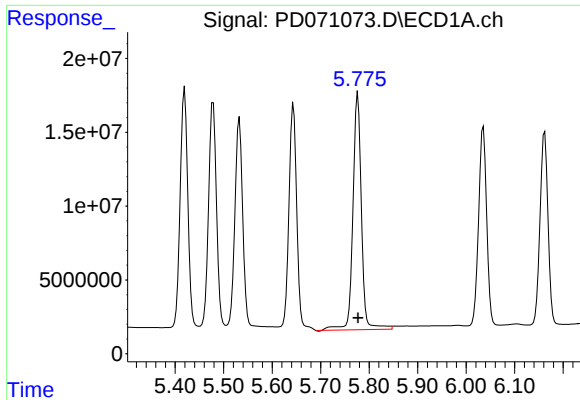
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 171980305
Conc: 48.83 ng/ml



#12 4,4'-DDE

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 696841001
Conc: 46.42 ng/ml



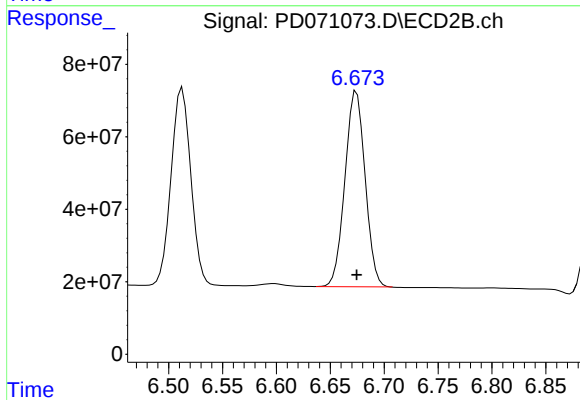
#13 Dieldrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 196295090
Conc: 52.25 ng/ml

Instrument :
ECD_D
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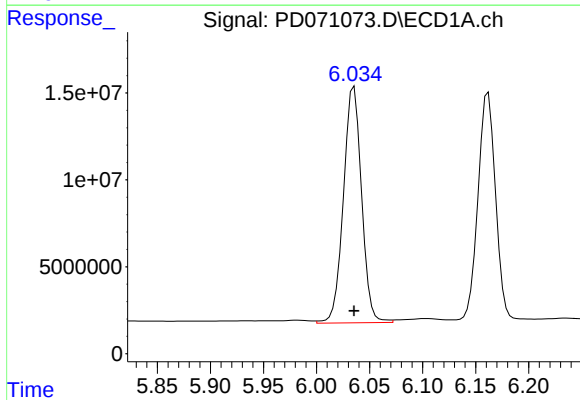
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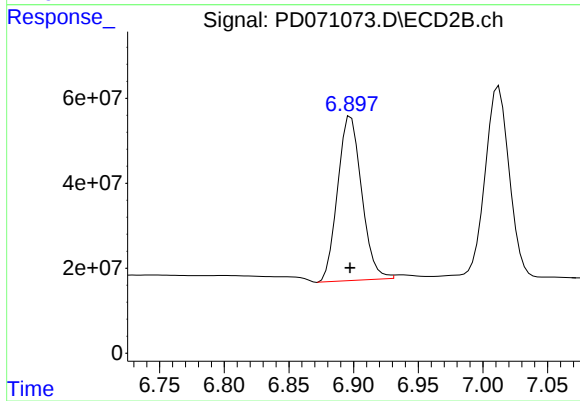
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 705379502
Conc: 46.16 ng/ml



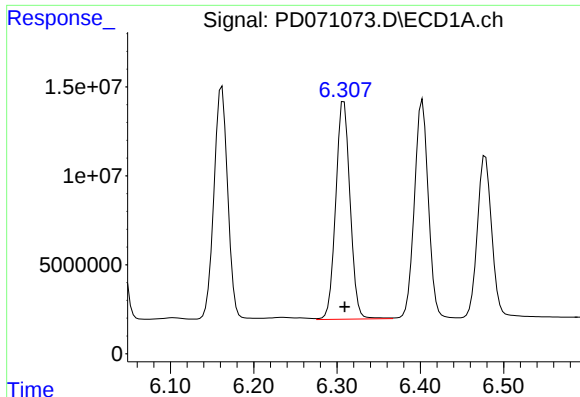
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 161329367
Conc: 51.66 ng/ml



#14 Endrin

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 498410616
Conc: 48.05 ng/ml



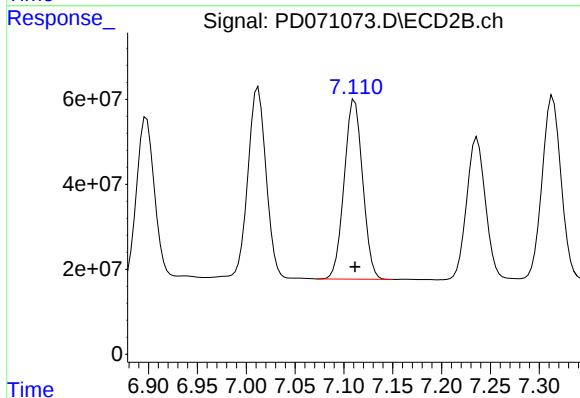
#15 Endosulfan II

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 146911641
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

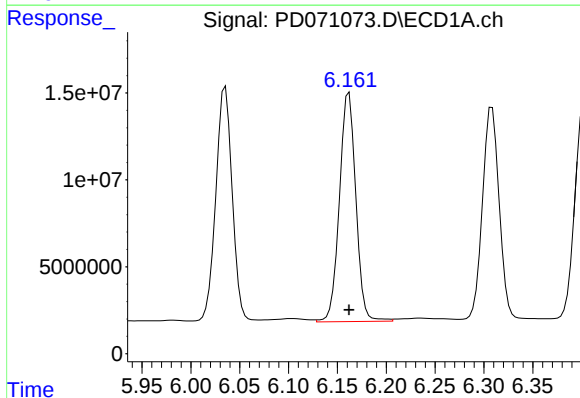
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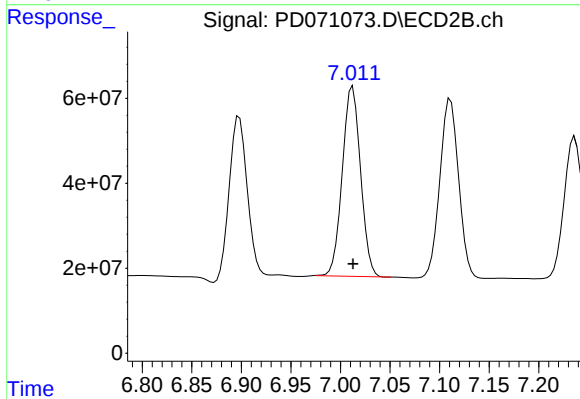
#15 Endosulfan II

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 556745382
Conc: 44.47 ng/ml



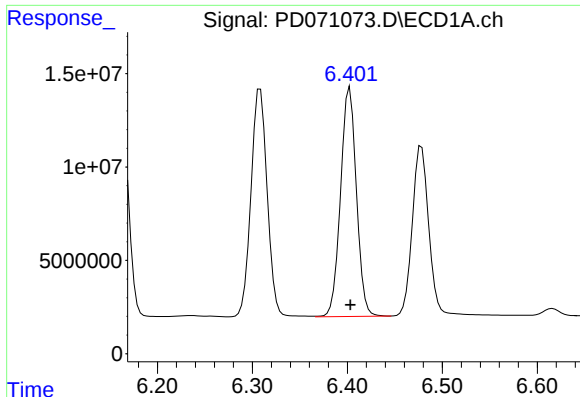
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 154131027
Conc: 52.52 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 572344878
Conc: 46.02 ng/ml



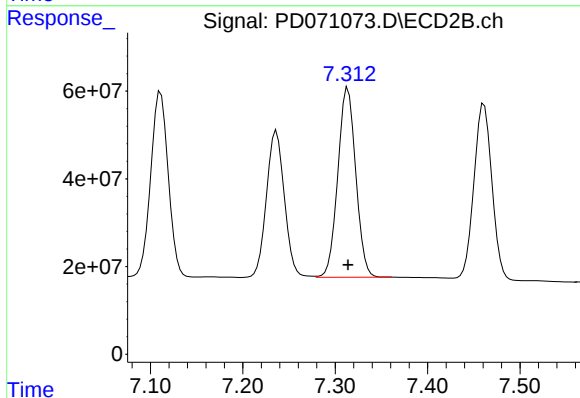
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 142570684
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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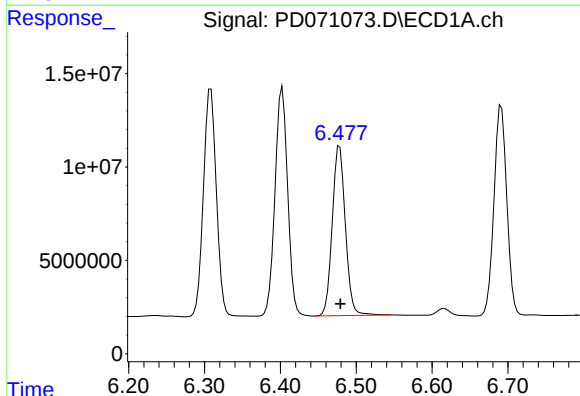
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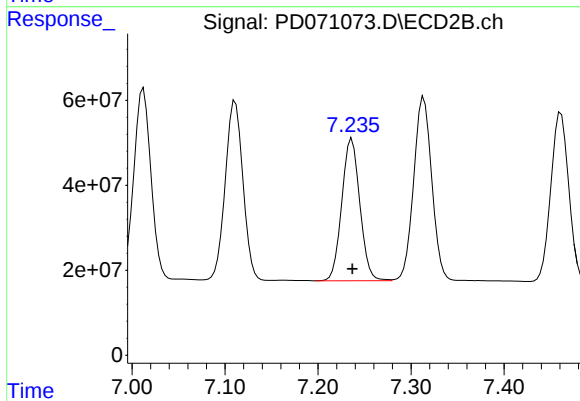
#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 583590610
Conc: 43.57 ng/ml



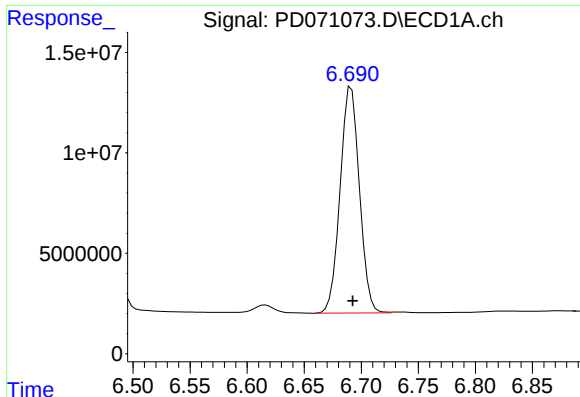
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 109644689
Conc: 45.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 450596425
Conc: 44.68 ng/ml



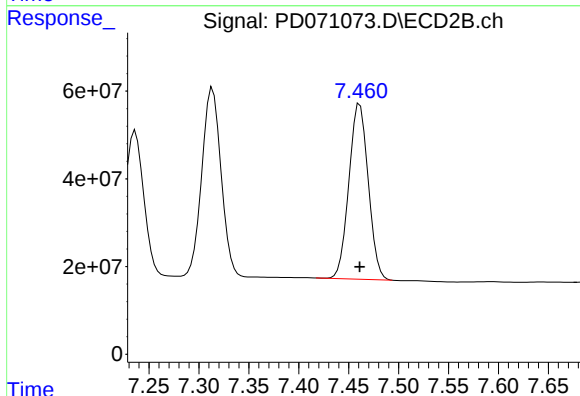
#19 Endosulfan Sulfate

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 132725172
Conc: 44.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

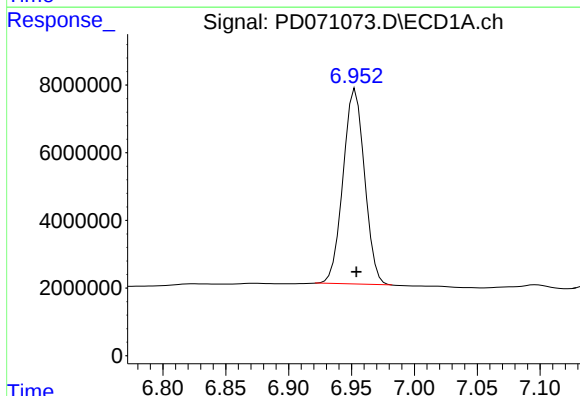
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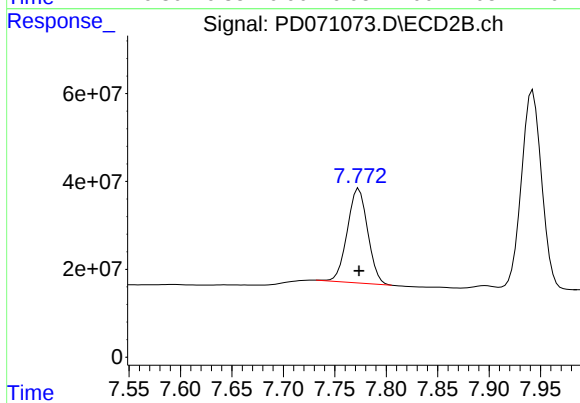
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 539238307
Conc: 44.63 ng/ml



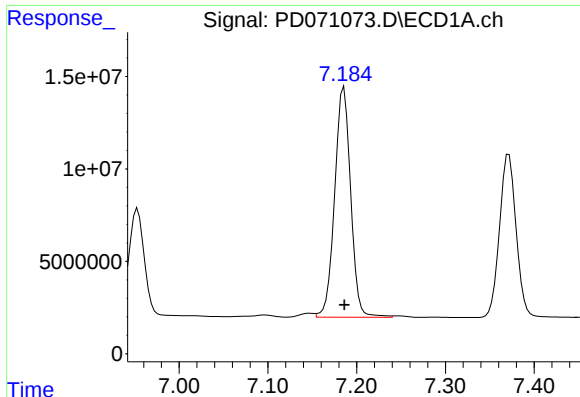
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 68473780
Conc: 41.42 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 295025474
Conc: 42.93 ng/ml



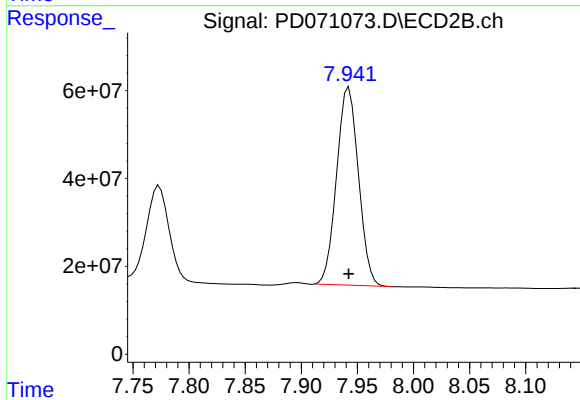
#21 Endrin ketone

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 156279608
Conc: 45.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

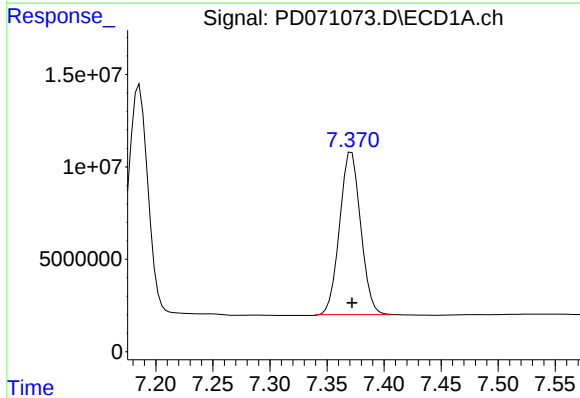
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



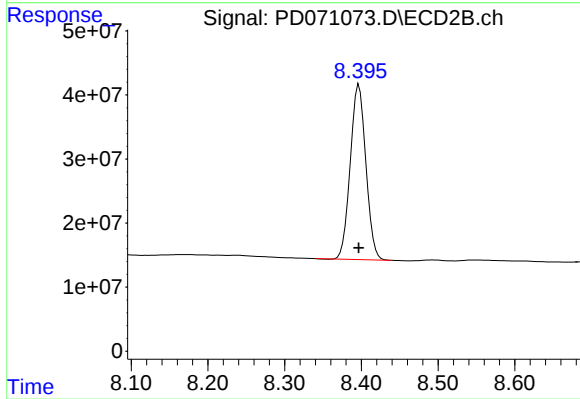
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 609834429
Conc: 44.06 ng/ml



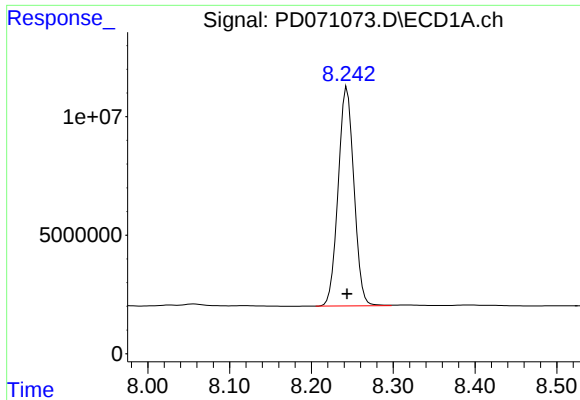
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 112966831
Conc: 40.75 ng/ml m



#22 Mirex

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 388773365
Conc: 42.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 123146010
Conc: 40.31 ng/ml

Instrument :

ECD_D

ClientSampleId :

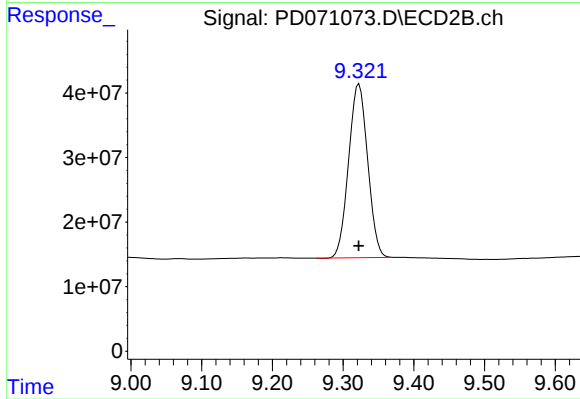
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.323 min
Delta R.T.: 0.000 min
Response: 505130137
Conc: 44.29 ng/ml