

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2022 00:15
 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 22 04:49:34 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...	3.473	4.125	157.7E6	1344.8E6	54.422	46.514
28)	SA Decachlor...	8.241	9.321	149.3E6	550.9E6	48.879	48.299
Target Compounds							
2)	A alpha-BHC	3.913	4.530	228.7E6	1756.8E6	52.122m	46.350
3)	MA gamma-BHC...	4.198	4.823	218.2E6	1418.1E6	50.253	47.481
4)	MA Heptachlor	4.497	5.339	221.3E6	1069.5E6	53.145m	48.417
5)	MB Aldrin	4.746	5.651	223.0E6	900.1E6	53.354	48.621
6)	B beta-BHC	4.448	4.999	86017945	589.8E6	51.465	43.970
7)	B delta-BHC	4.653	5.224	212.8E6	1150.7E6	53.754	48.669
8)	B Heptachlo...	5.191	6.047	196.5E6	732.0E6	52.471	48.413
9)	A Endosulfan I	5.531	6.412	191.0E6	721.1E6	54.700	49.675
10)	B gamma-Chl...	5.418	6.284	204.8E6	783.2E6	52.664	49.662
11)	B alpha-Chl...	5.477	6.356	201.6E6	761.0E6	52.732	49.461
12)	B 4,4'-DDE	5.643	6.511	192.2E6	751.7E6	54.574	50.078
13)	MA Dieldrin	5.775	6.673	206.5E6	768.4E6	54.983	50.288
14)	MA Endrin	6.033	6.896	177.4E6	586.5E6	56.825	56.543
15)	B Endosulfa...	6.307	7.110	159.3E6	624.9E6	52.967	49.919
16)	A 4,4'-DDD	6.160	7.012	159.4E6	635.4E6	54.318	51.083
17)	MA 4,4'-DDT	6.401	7.313	166.3E6	683.8E6	54.334	51.053
18)	B Endrin al...	6.477	7.236	121.7E6	500.6E6	50.722	49.646
19)	B Endosulfa...	6.688	7.459	157.4E6	612.6E6	52.828m	50.701
20)	A Methoxychlor	6.950	7.772	87635247	345.0E6	53.012m	50.201
21)	B Endrin ke...	7.183	7.941	189.6E6	670.4E6	54.745	48.436
22)	Mirex	7.368	8.395	137.9E6	452.8E6	49.731m	49.278

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

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Data File : PD071115.D
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Acq On : 22 Jul 2022 00:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

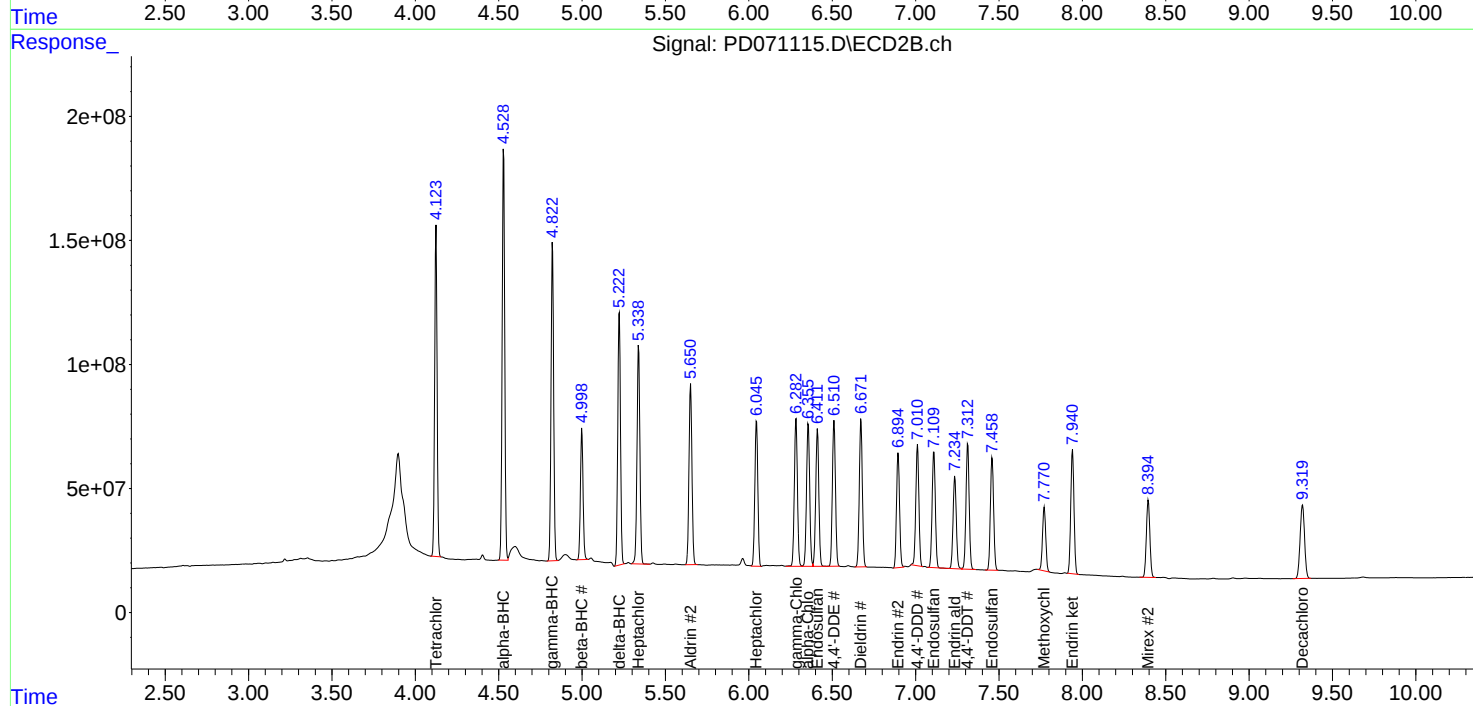
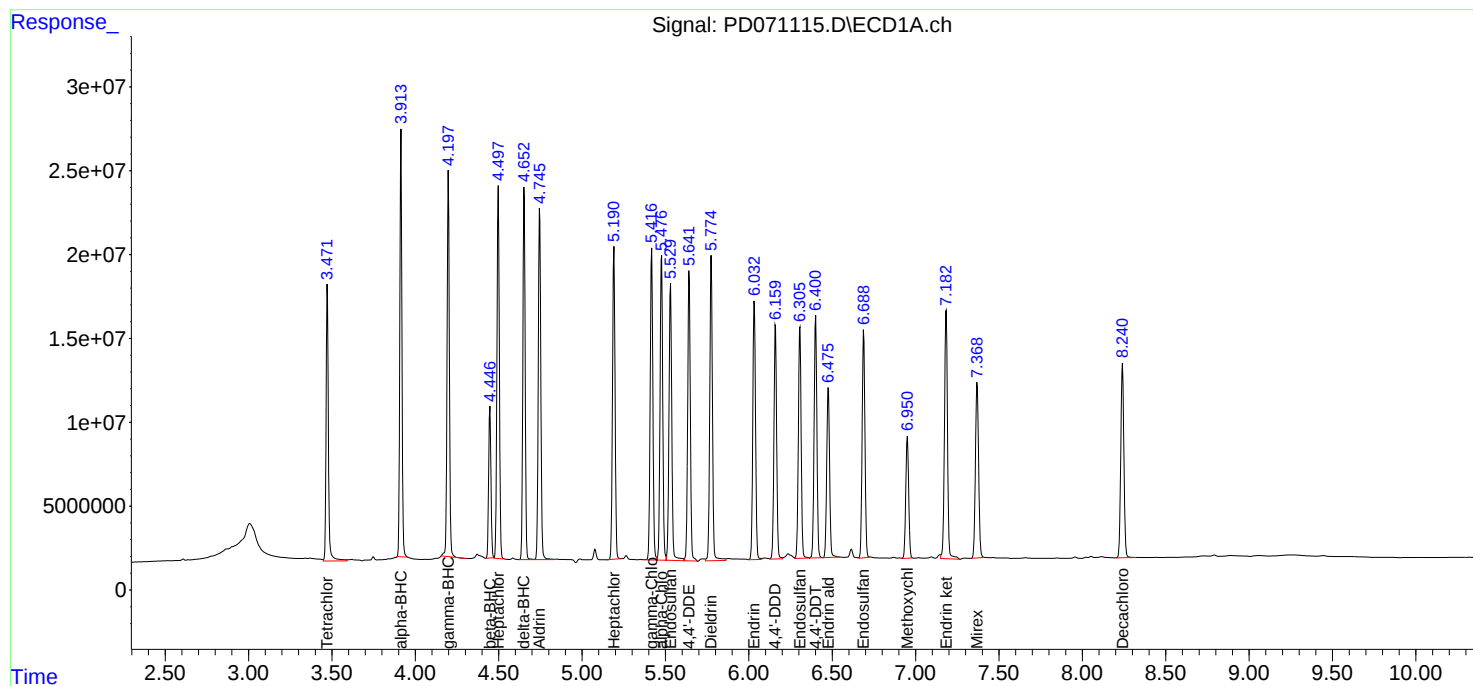
Manual Integrations

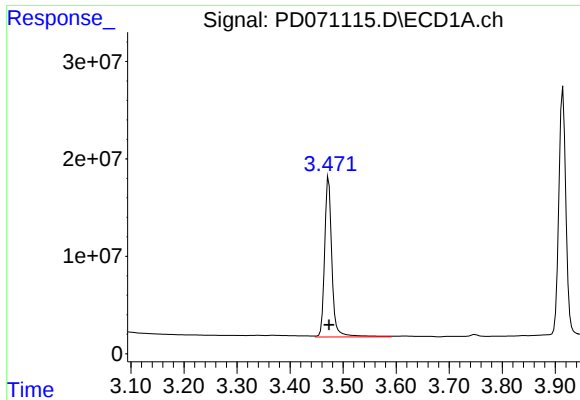
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Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:49:34 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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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





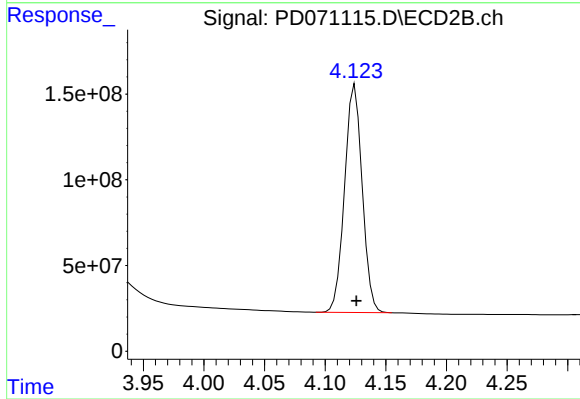
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.001 min
Response: 157708218
Conc: 54.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

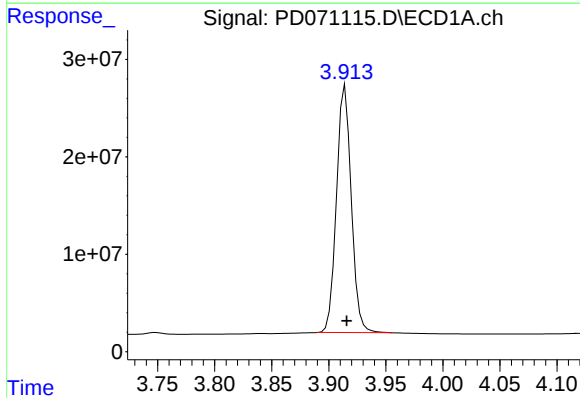
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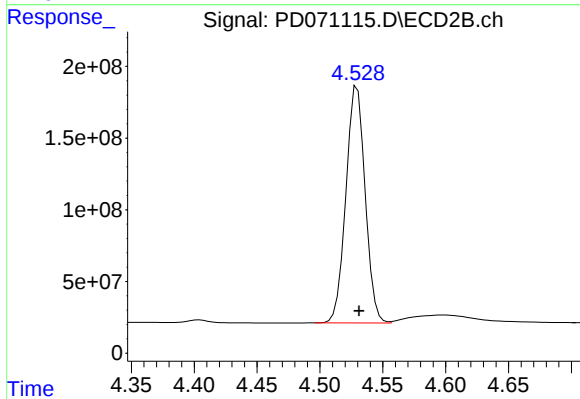
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 1344839255
Conc: 46.51 ng/ml



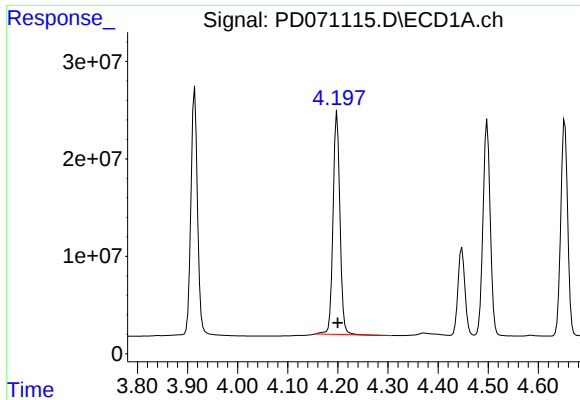
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 228668741
Conc: 52.12 ng/ml m



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 1756809135
Conc: 46.35 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.198 min
Delta R.T.: -0.001 min
Response: 218201435
Conc: 50.25 ng/ml

Instrument :

ECD_D

ClientSampleId :

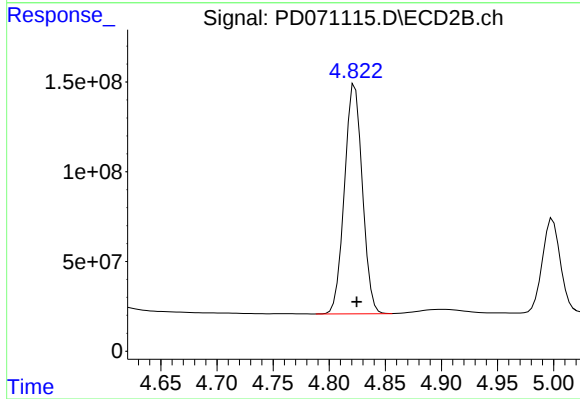
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Manual Integrations

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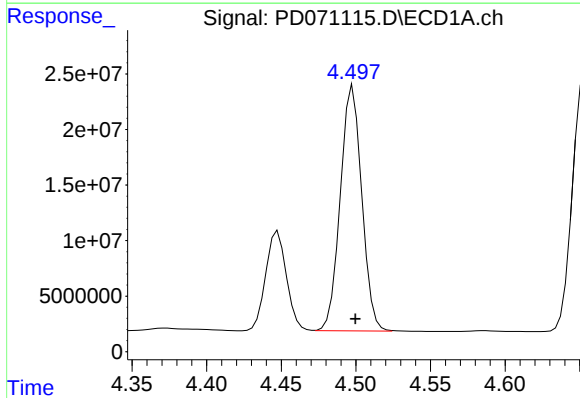
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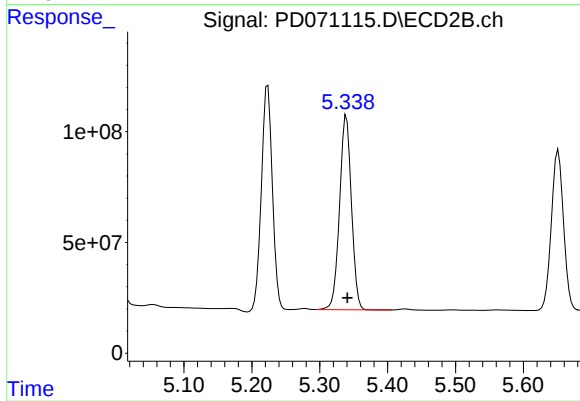
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 1418123235
Conc: 47.48 ng/ml



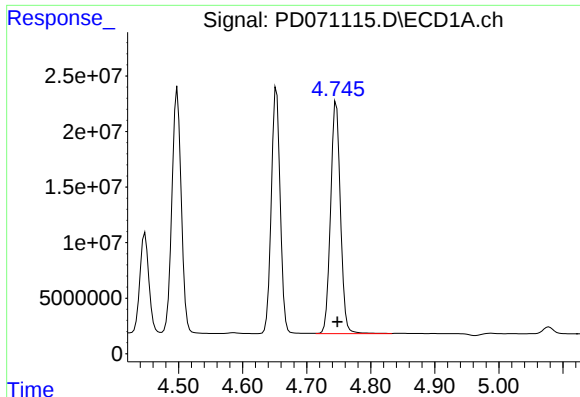
#4 Heptachlor

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 221271602
Conc: 53.14 ng/ml m



#4 Heptachlor

R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 1069512771
Conc: 48.42 ng/ml



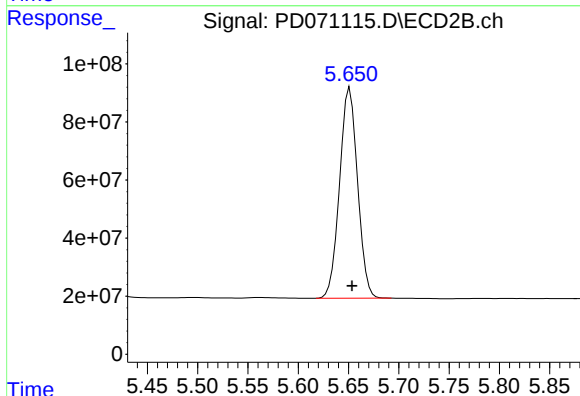
#5 Aldrin

R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 222965672
Conc: 53.35 ng/ml

Instrument :
ECD_D
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PSTDCCC050

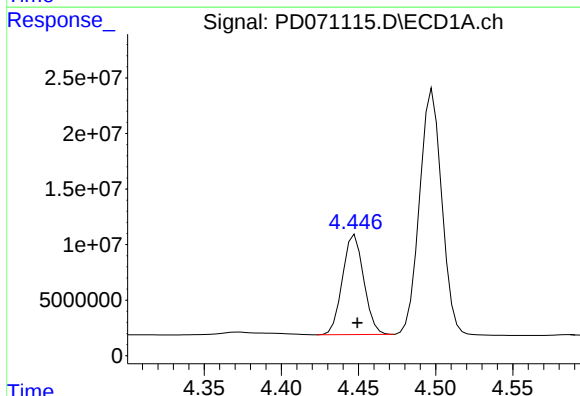
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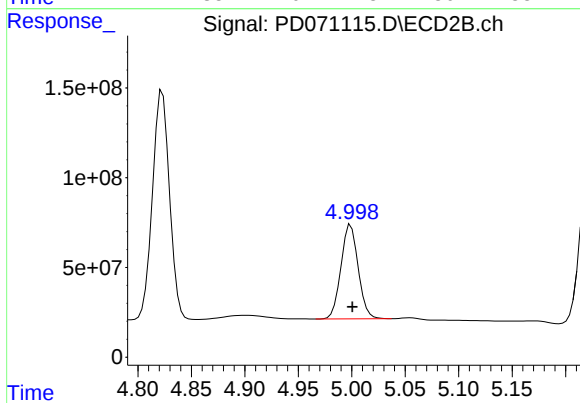
#5 Aldrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 900117689
Conc: 48.62 ng/ml



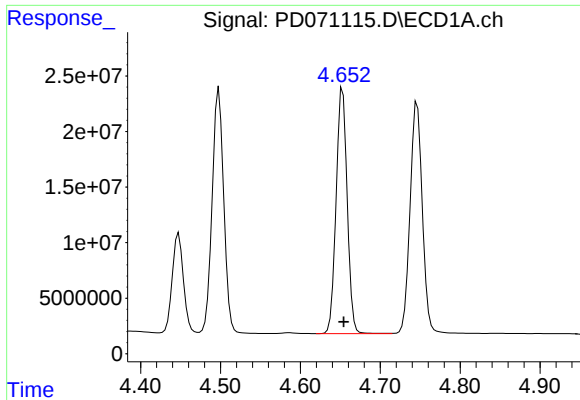
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.002 min
Response: 86017945
Conc: 51.46 ng/ml



#6 beta-BHC

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 589789196
Conc: 43.97 ng/ml



#7 delta-BHC

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 212757562
Conc: 53.75 ng/ml

Instrument :

ECD_D

ClientSampleId :

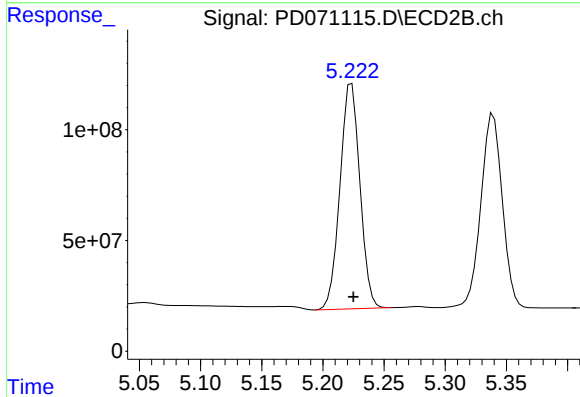
PSTDCCC050

Manual Integrations

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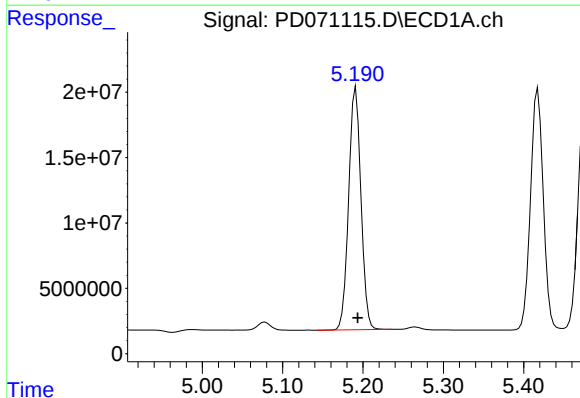
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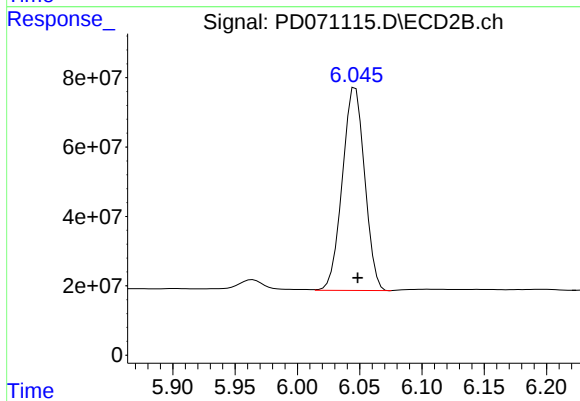
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 1150724760
Conc: 48.67 ng/ml



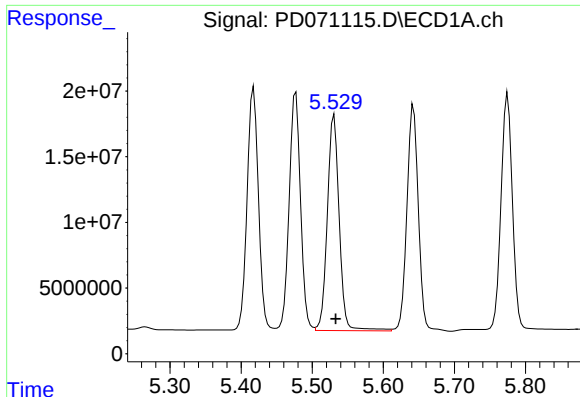
#8 Heptachlor epoxide

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 196545427
Conc: 52.47 ng/ml



#8 Heptachlor epoxide

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 731963905
Conc: 48.41 ng/ml



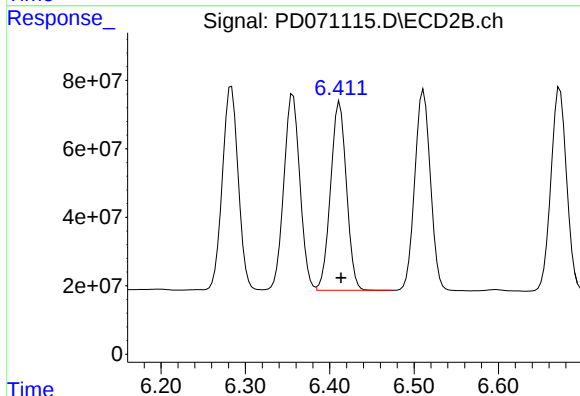
#9 Endosulfan I

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 190992573
Conc: 54.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

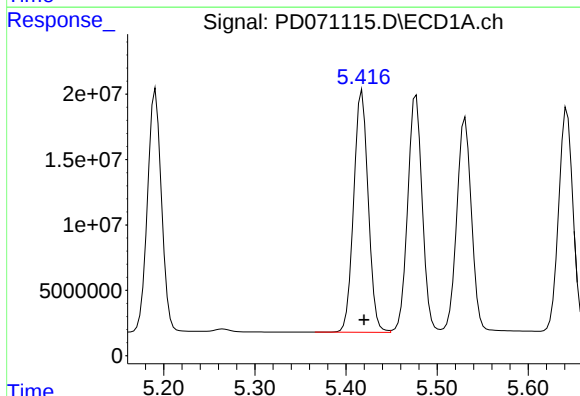
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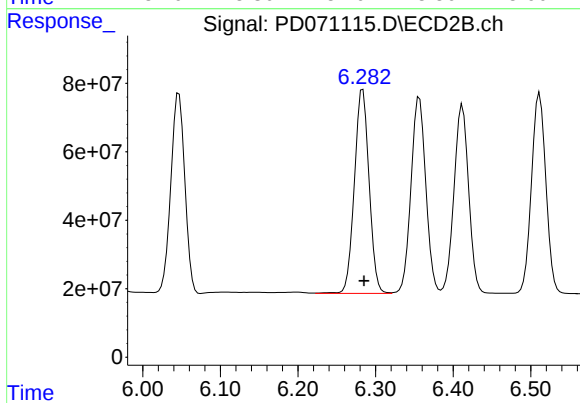
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 721105366
Conc: 49.67 ng/ml



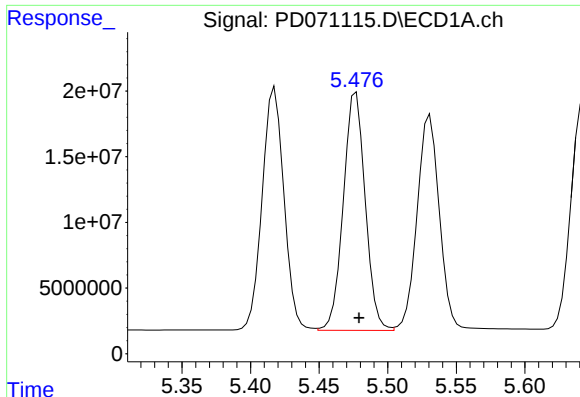
#10 gamma-Chlordane

R.T.: 5.418 min
Delta R.T.: -0.002 min
Response: 204777316
Conc: 52.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 783247551
Conc: 49.66 ng/ml



#11 alpha-Chlordane

R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 201613759
Conc: 52.73 ng/ml

Instrument :

ECD_D

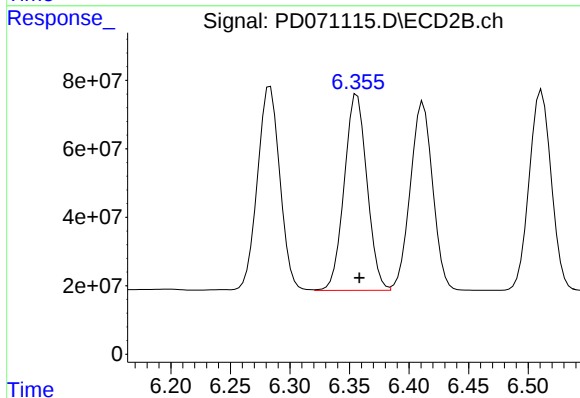
ClientSampleId :

PSTDCCC050

Manual Integrations

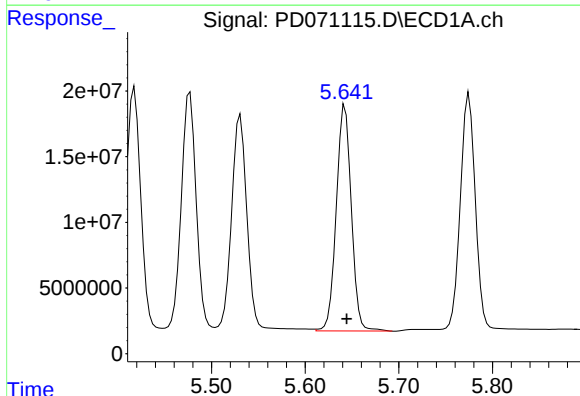
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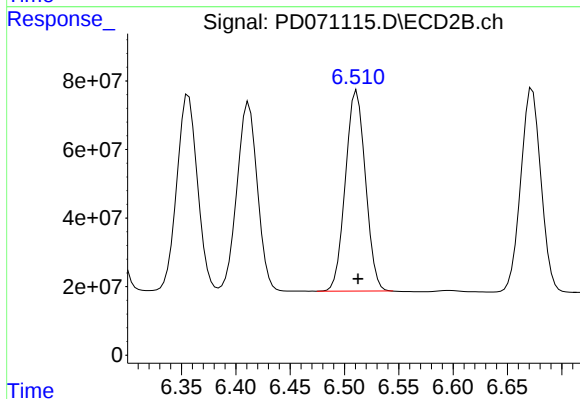
#11 alpha-Chlordane

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 761046723
Conc: 49.46 ng/ml



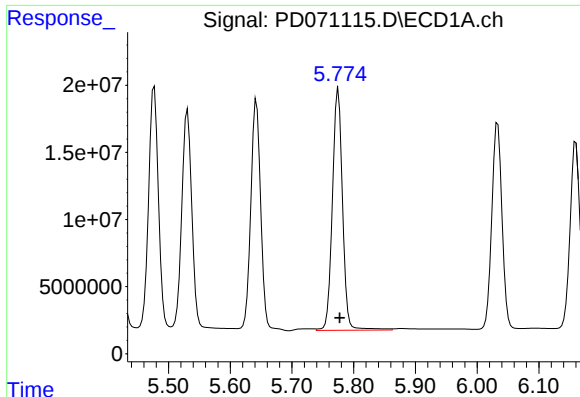
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 192191252
Conc: 54.57 ng/ml



#12 4,4'-DDE

R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 751686668
Conc: 50.08 ng/ml



#13 Dieldrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 206543371
Conc: 54.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

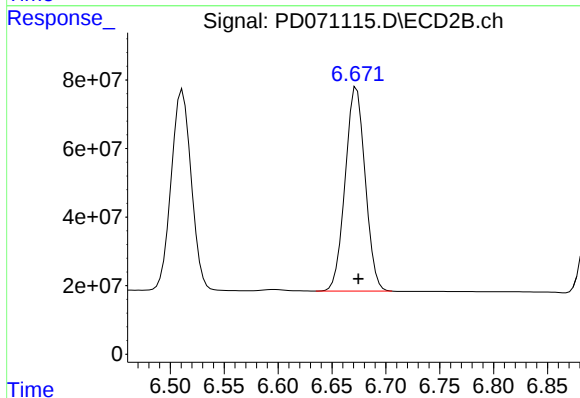
PSTDCCC050

Manual Integrations

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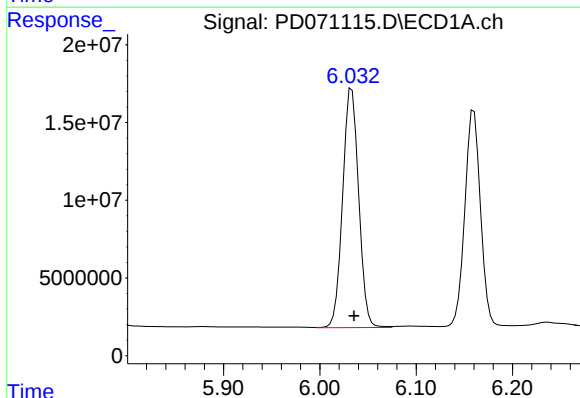
Reviewed By :Abdul Mirza 07/22/2022

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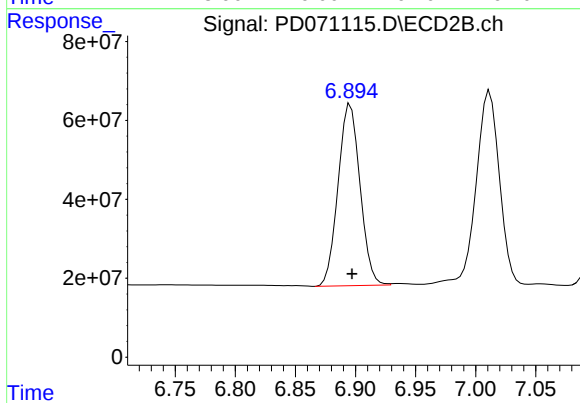
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: -0.002 min
Response: 768396221
Conc: 50.29 ng/ml



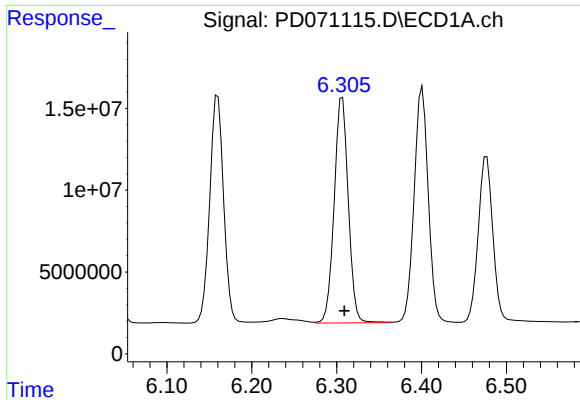
#14 Endrin

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 177449474
Conc: 56.82 ng/ml



#14 Endrin

R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 586477579
Conc: 56.54 ng/ml



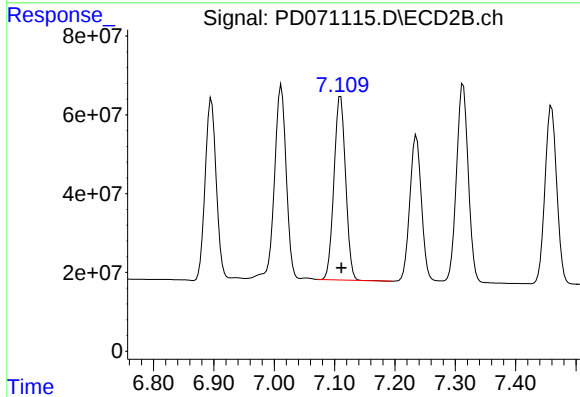
#15 Endosulfan II

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 159331596
Conc: 52.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

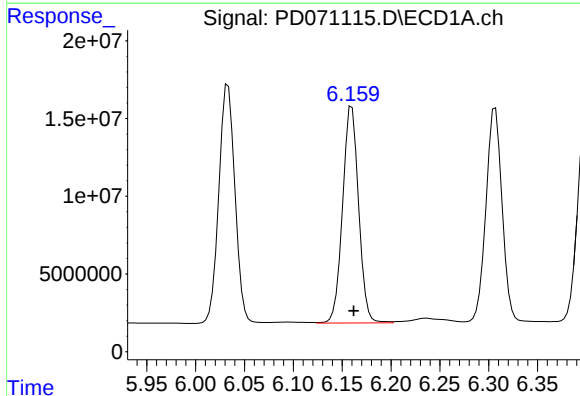
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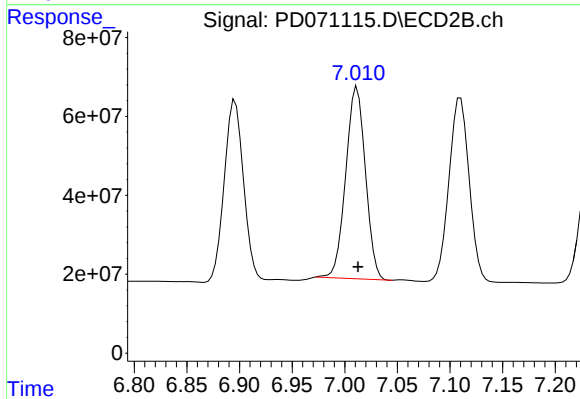
#15 Endosulfan II

R.T.: 7.110 min
Delta R.T.: -0.001 min
Response: 624898992
Conc: 49.92 ng/ml



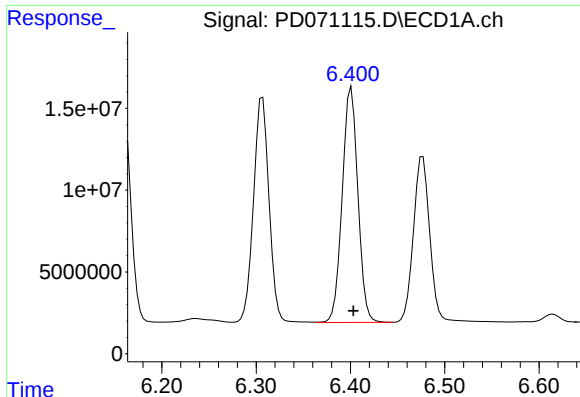
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 159421932
Conc: 54.32 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 635374575
Conc: 51.08 ng/ml



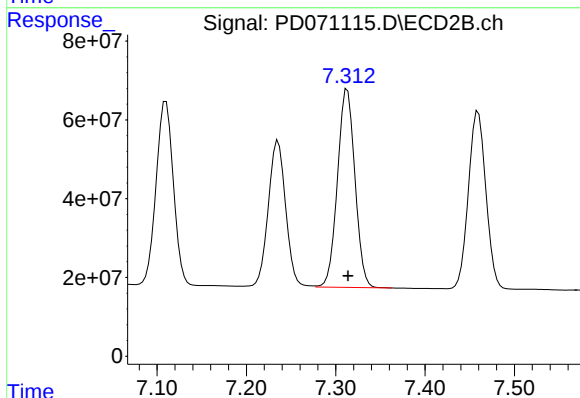
#17 4,4'-DDT

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 166324642
Conc: 54.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

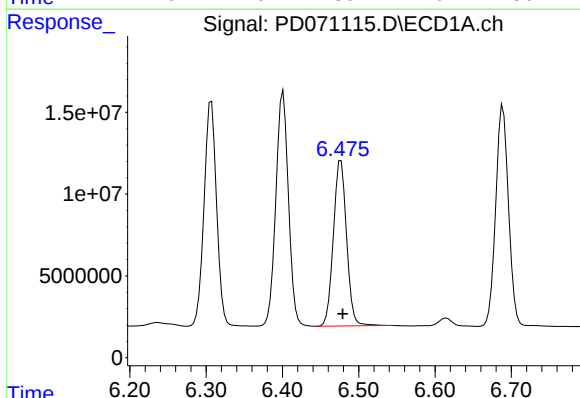
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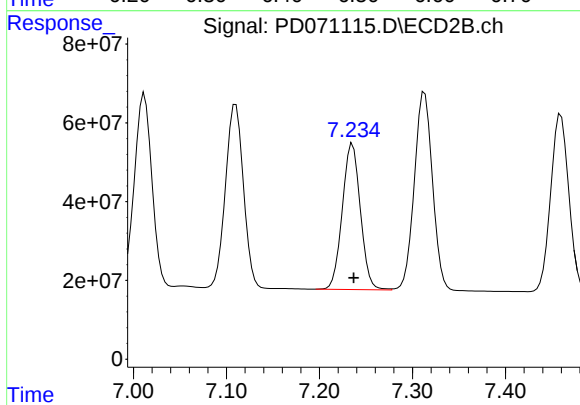
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 683776071
Conc: 51.05 ng/ml



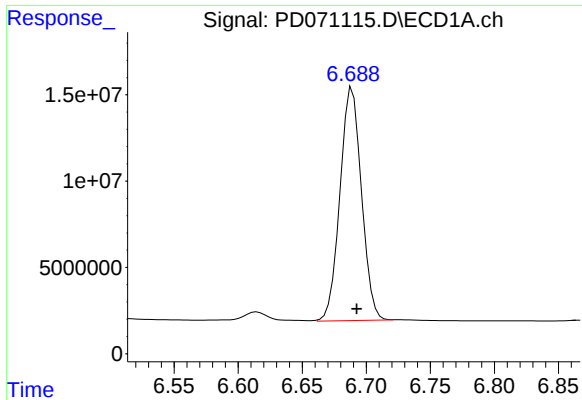
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 121657650
Conc: 50.72 ng/ml



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: -0.001 min
Response: 500646500
Conc: 49.65 ng/ml



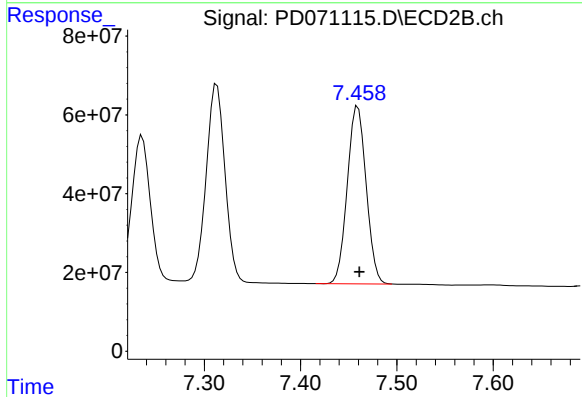
#19 Endosulfan Sulfate

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 157370571
Conc: 52.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

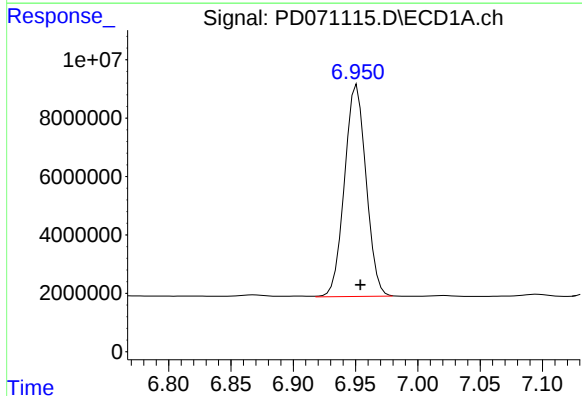
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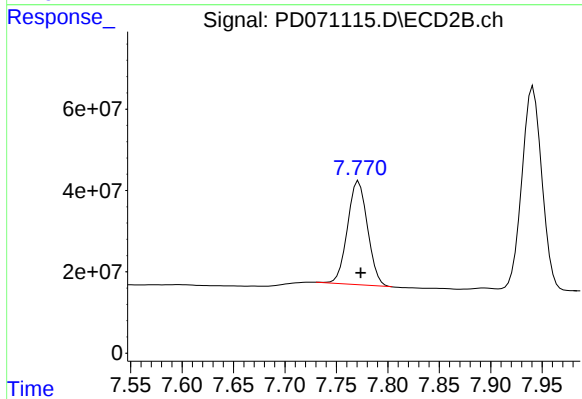
#19 Endosulfan Sulfate

R.T.: 7.459 min
Delta R.T.: -0.002 min
Response: 612621420
Conc: 50.70 ng/ml



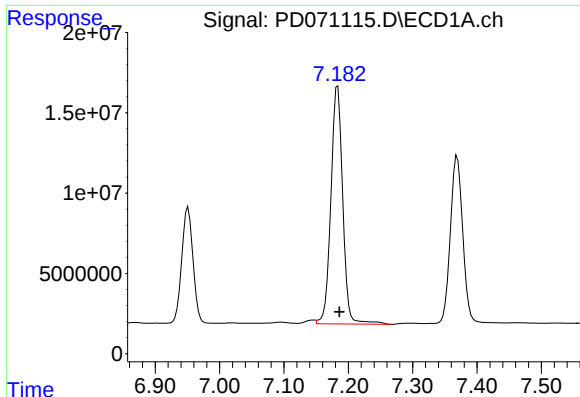
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: -0.004 min
Response: 87635247
Conc: 53.01 ng/ml m



#20 Methoxychlor

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 344957116
Conc: 50.20 ng/ml



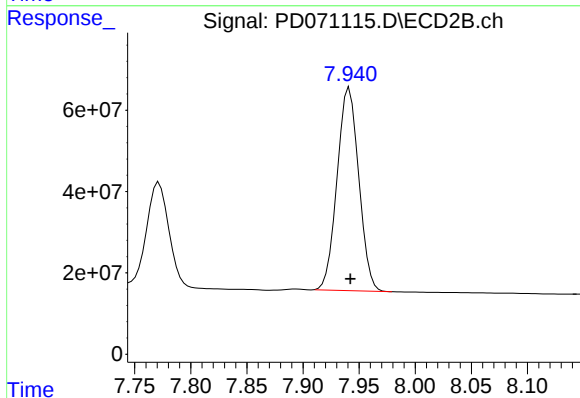
#21 Endrin ketone

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 189629276
Conc: 54.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

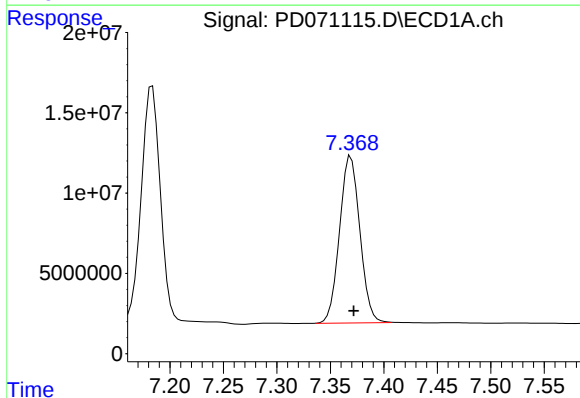
Manual Integrations
APPROVED

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



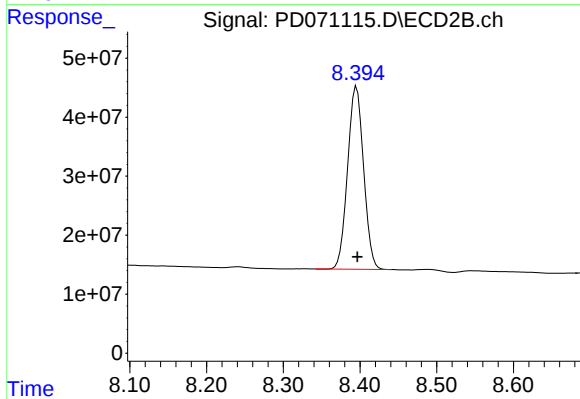
#21 Endrin ketone

R.T.: 7.941 min
Delta R.T.: -0.001 min
Response: 670351732
Conc: 48.44 ng/ml



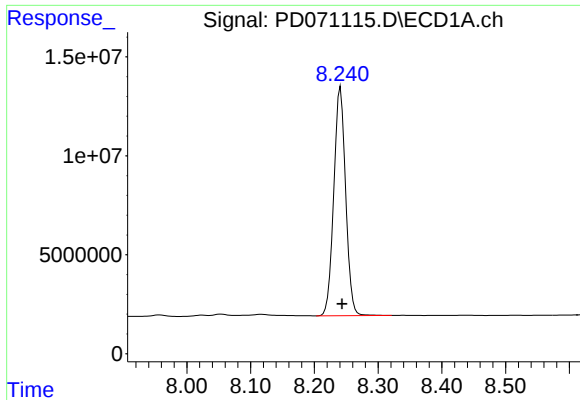
#22 Mirex

R.T.: 7.368 min
Delta R.T.: -0.004 min
Response: 137878483
Conc: 49.73 ng/ml m



#22 Mirex

R.T.: 8.395 min
Delta R.T.: -0.001 min
Response: 452837348
Conc: 49.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 149341387
Conc: 48.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

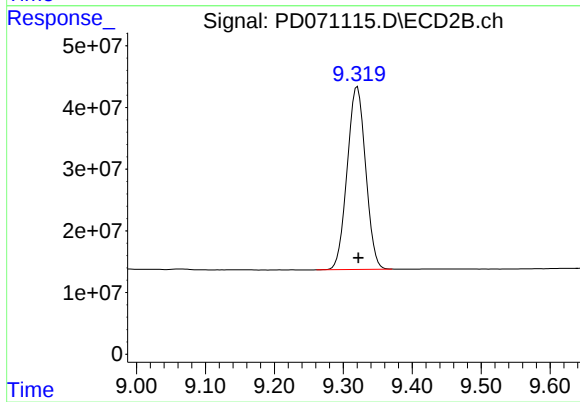
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: -0.002 min
Response: 550853047
Conc: 48.30 ng/ml