

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 19:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 13:21:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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...	2.693	3.456	96666653	4642.4E6	46.124	47.204
28)	SA Decachlor...	7.825	8.908	110.4E6	952.4E6	45.613	54.031
Target Compounds							
2)	A alpha-BHC	3.196	3.920	167.9E6	6651.1E6	48.544	49.762
3)	MA gamma-BHC...	3.526	4.254	142.1E6	4880.6E6	51.678	49.464
4)	MA Heptachlor	3.858	4.820	154.5E6	3272.3E6	49.394	51.351
5)	MB Aldrin	4.137	5.158	151.0E6	2915.4E6	48.724	52.911
6)	B beta-BHC	3.828	4.469	61521782	1706.3E6	48.447	50.354
7)	B delta-BHC	4.057	4.713	155.4E6	3659.5E6	49.374	55.152
8)	B Heptachlo...	4.642	5.591	135.2E6	2569.7E6	48.790	57.644
9)	A Endosulfan I	5.011	5.976	127.4E6	2251.0E6	48.146	54.219
10)	B gamma-Chl...	4.891	5.843	137.6E6	2386.2E6	48.238	53.382m
11)	B alpha-Chl...	4.954	5.920	137.1E6	2361.7E6	48.672	53.966
12)	B 4,4'-DDE	5.142	6.094	135.6E6	2333.5E6	50.088	55.216
13)	MA Dieldrin	5.277	6.253	134.4E6	2361.4E6	47.631	56.212
14)	MA Endrin	5.554	6.485	122.7E6	1341.9E6	47.795	40.846
15)	B Endosulfa...	5.851	6.714	111.4E6	1707.0E6	47.166m	53.736
16)	A 4,4'-DDD	5.701	6.618	110.1E6	1743.1E6	48.805	55.790
17)	MA 4,4'-DDT	5.950	6.927	105.2E6	1661.8E6	47.477	54.990
18)	B Endrin al...	6.035	6.846	87187102	1288.0E6	46.319	54.941
19)	B Endosulfa...	6.258	7.078	112.4E6	1521.1E6	47.309	55.596
20)	A Methoxychlor	6.534	7.406	62769373	731.5E6	47.096	54.047
21)	B Endrin ke...	6.769	7.568	131.7E6	1486.1E6	48.460	54.127
22)	Mirex	6.933	8.016	97089618	896.9E6	46.708	51.278

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2022 19:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

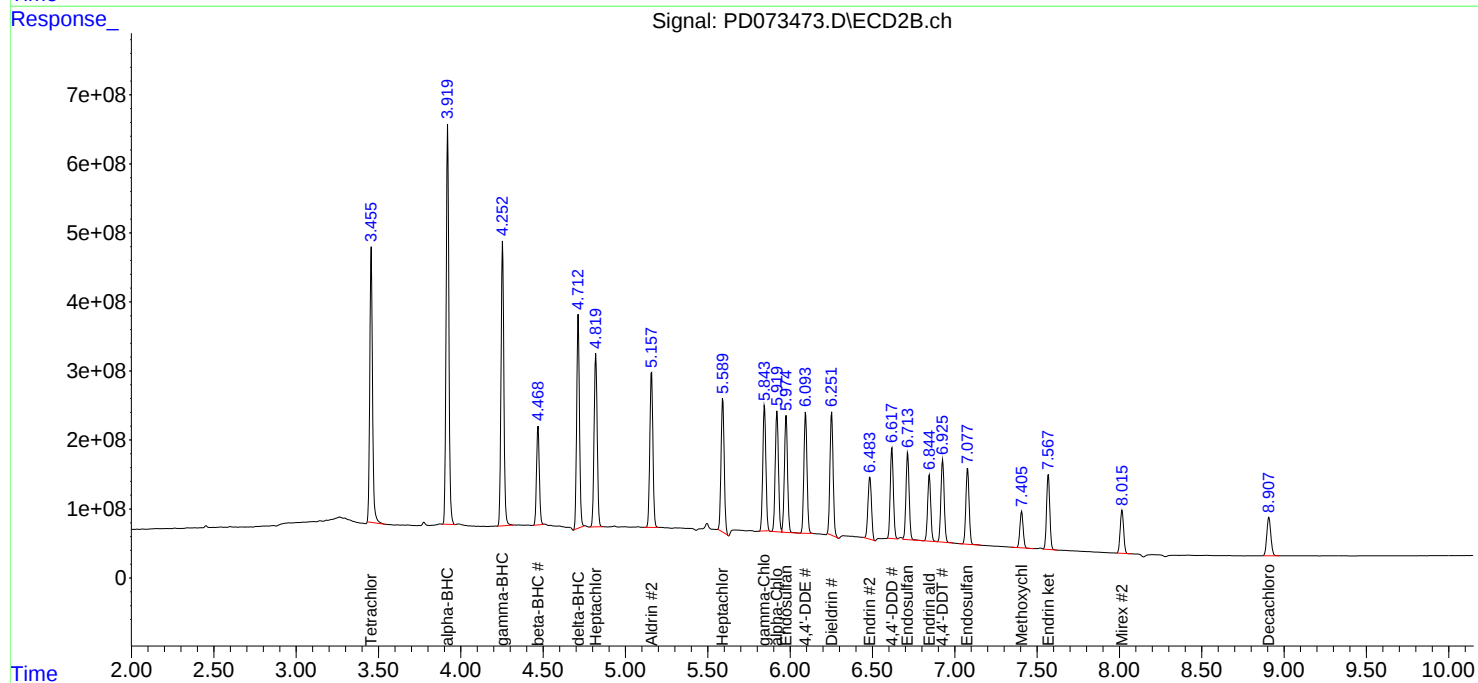
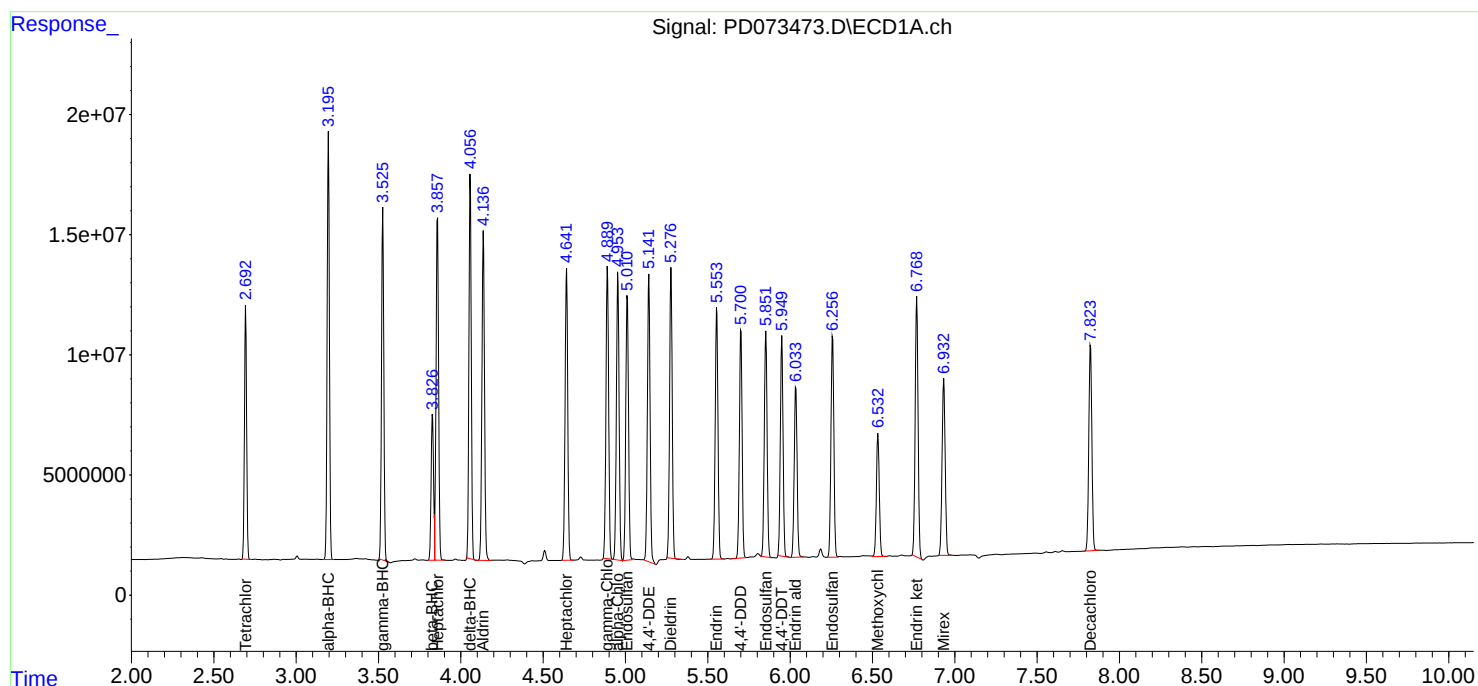
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

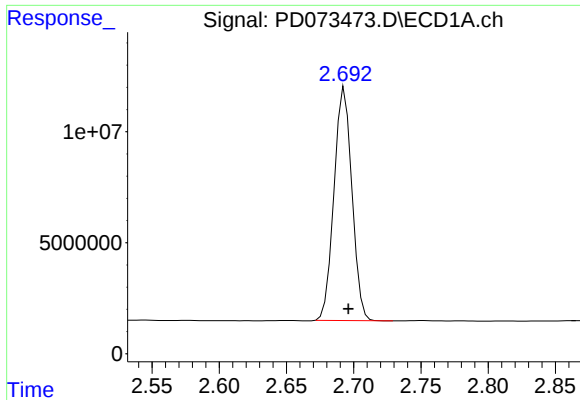
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 13:21:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
Quant Title : GC Extractables
QLast Update : Fri Dec 16 15:46:21 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





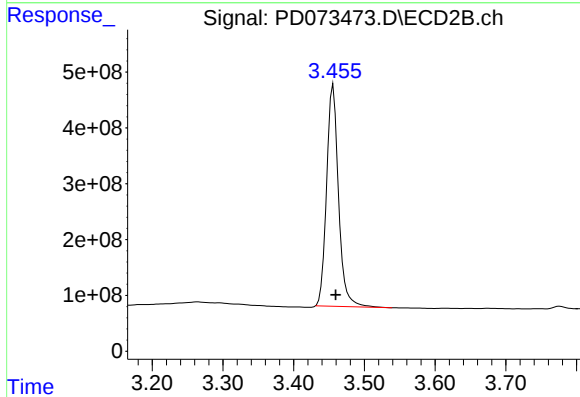
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: -0.003 min
Response: 96666653
Conc: 46.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

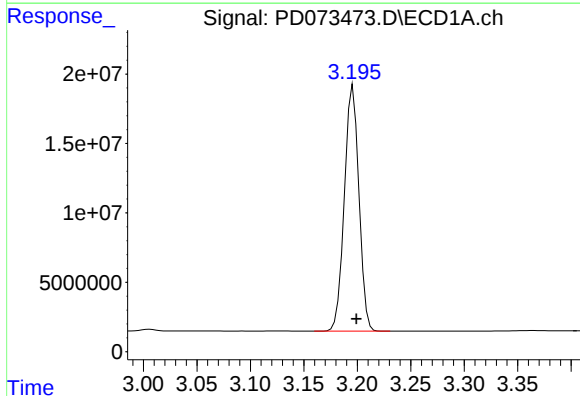
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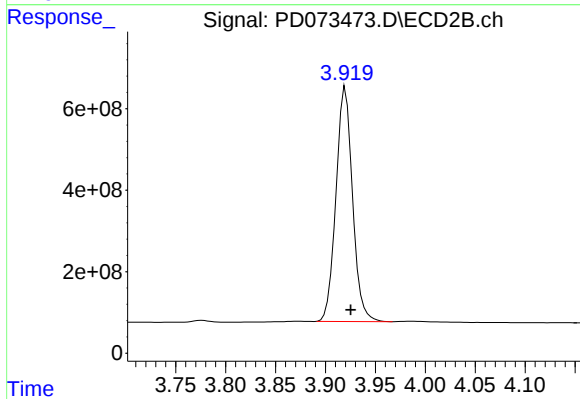
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.003 min
Response: 4642361778
Conc: 47.20 ng/ml



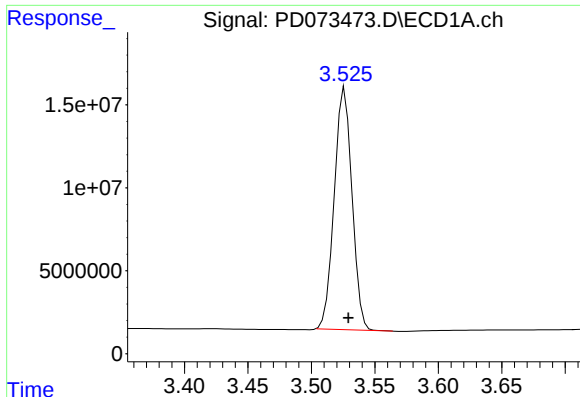
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 167908258
Conc: 48.54 ng/ml



#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 6651093655
Conc: 49.76 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: -0.003 min
Response: 142098699
Conc: 51.68 ng/ml

Instrument :

ECD_D

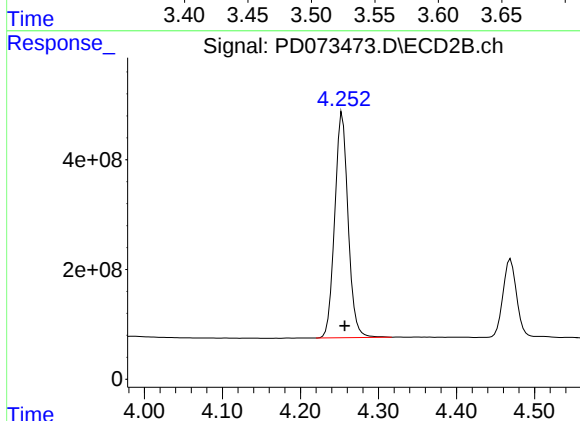
ClientSampleId :

PSTDCCC050

Manual Integrations

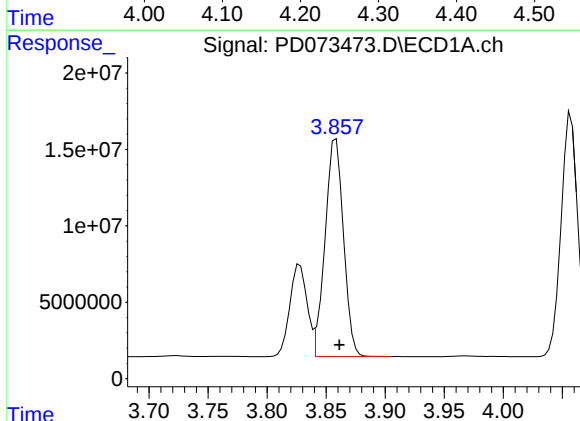
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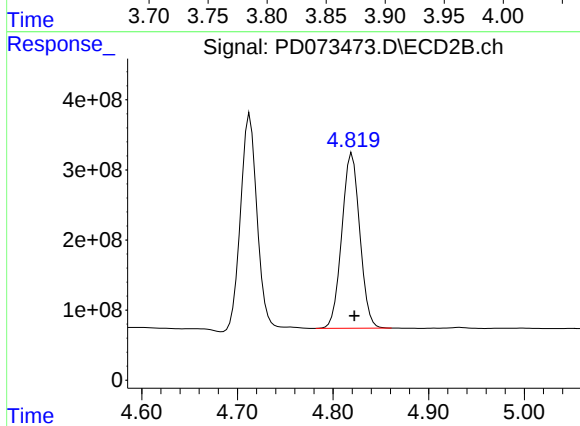
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 4880624621
Conc: 49.46 ng/ml



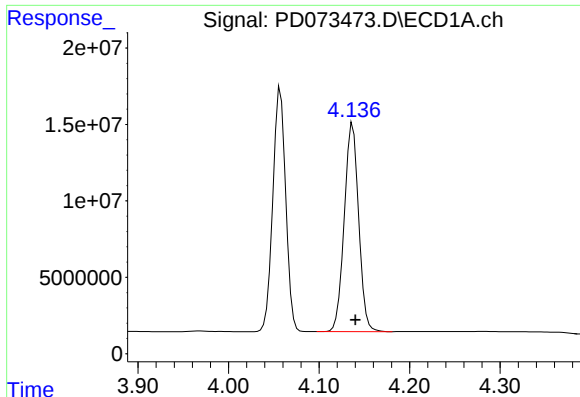
#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 154517223
Conc: 49.39 ng/ml



#4 Heptachlor

R.T.: 4.820 min
Delta R.T.: -0.002 min
Response: 3272340180
Conc: 51.35 ng/ml



#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 150954134
Conc: 48.72 ng/ml

Instrument :

ECD_D

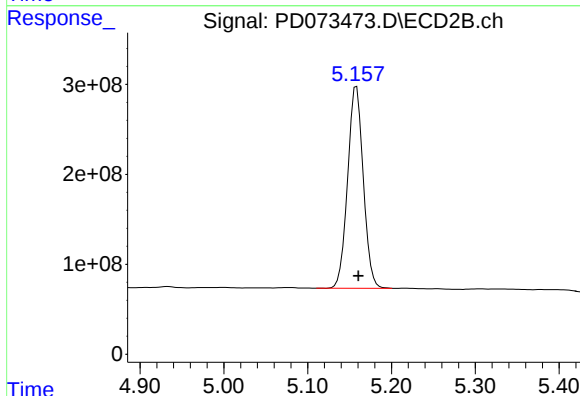
ClientSampleId :

PSTDCCC050

Manual Integrations

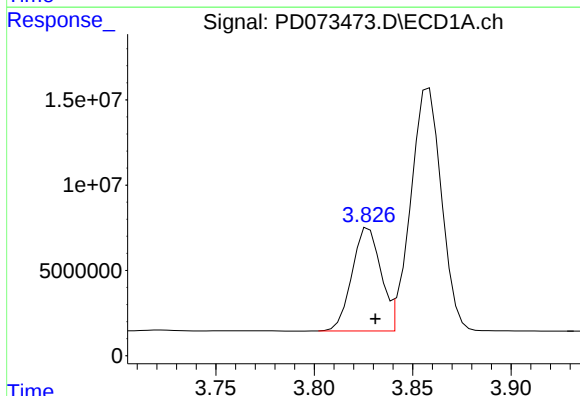
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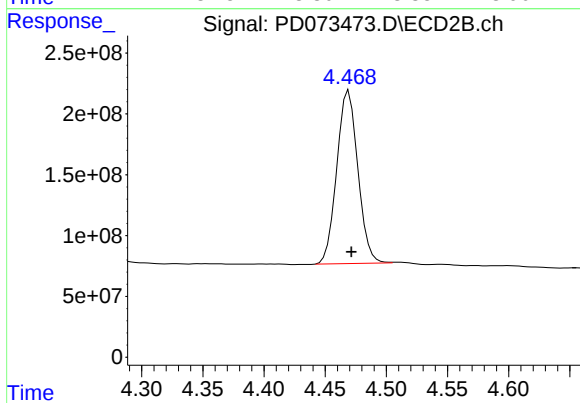
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 2915362962
Conc: 52.91 ng/ml



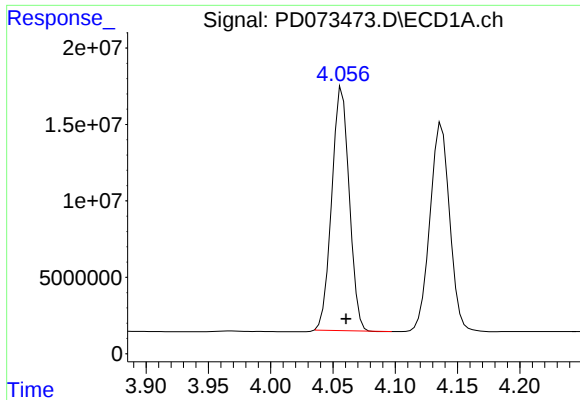
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 61521782
Conc: 48.45 ng/ml



#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 1706255864
Conc: 50.35 ng/ml



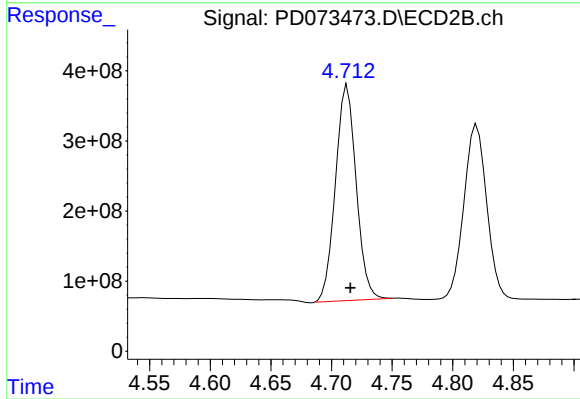
#7 delta-BHC

R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 155449273
Conc: 49.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

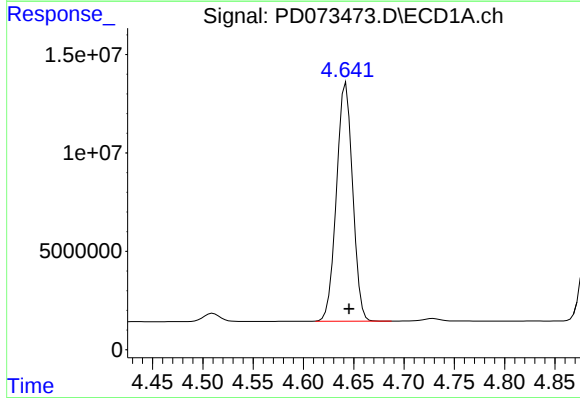
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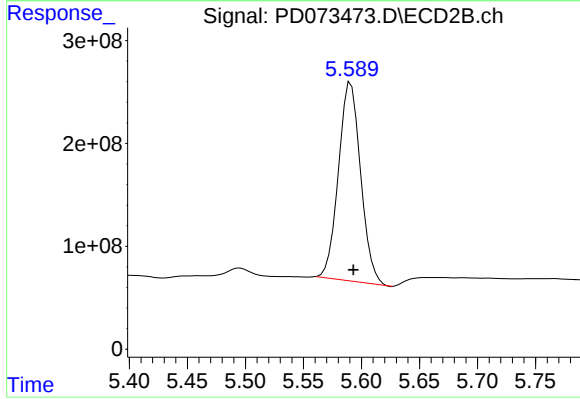
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 3659490195
Conc: 55.15 ng/ml



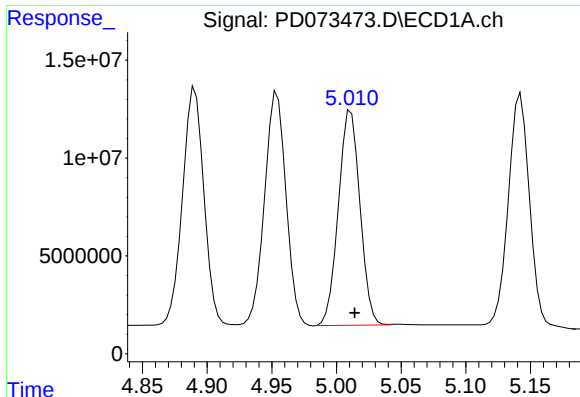
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 135226863
Conc: 48.79 ng/ml



#8 Heptachlor epoxide

R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 2569695558
Conc: 57.64 ng/ml



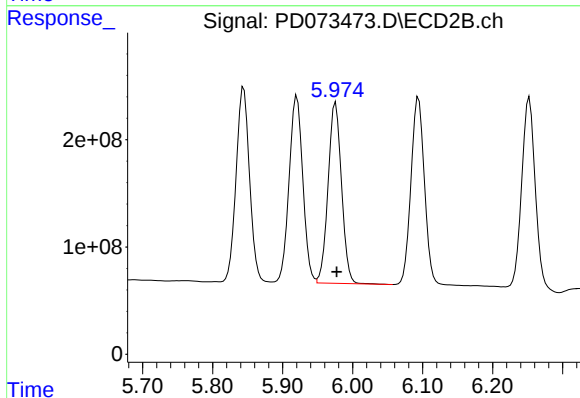
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 127420988
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

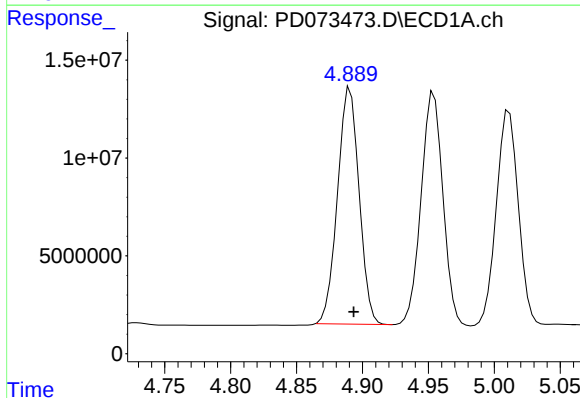
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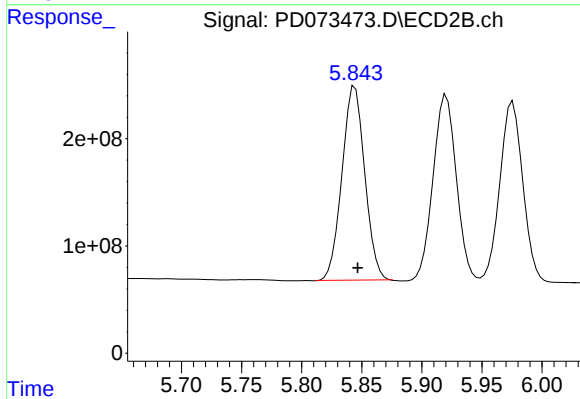
#9 Endosulfan I

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 2250977114
Conc: 54.22 ng/ml



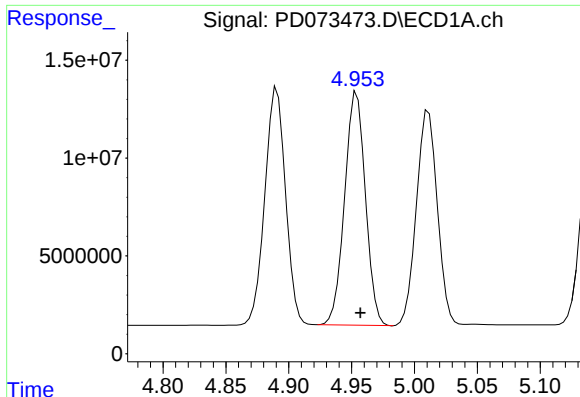
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 137640939
Conc: 48.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 2386171168
Conc: 53.38 ng/ml m



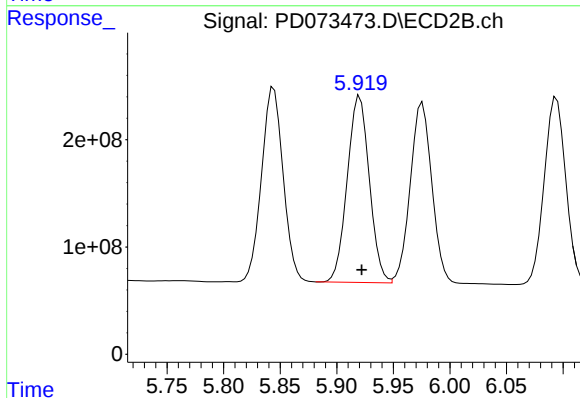
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 137119241
Conc: 48.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

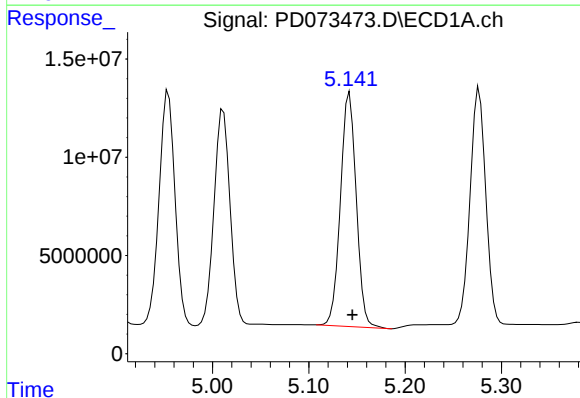
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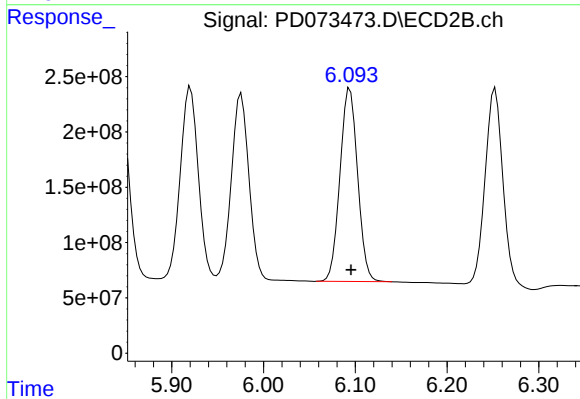
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2361652672
Conc: 53.97 ng/ml



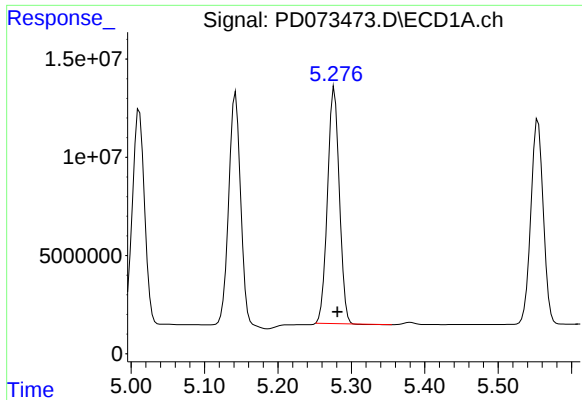
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 135628585
Conc: 50.09 ng/ml



#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.001 min
Response: 2333497824
Conc: 55.22 ng/ml



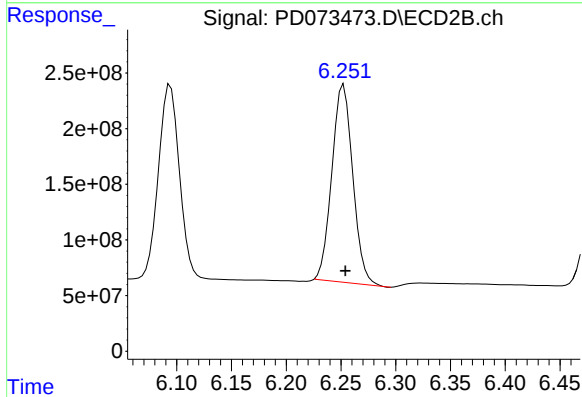
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 134415588
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

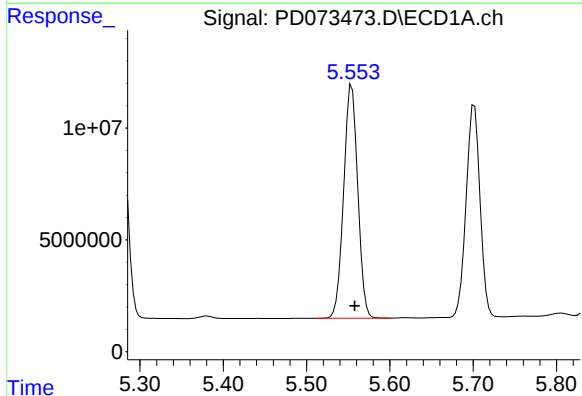
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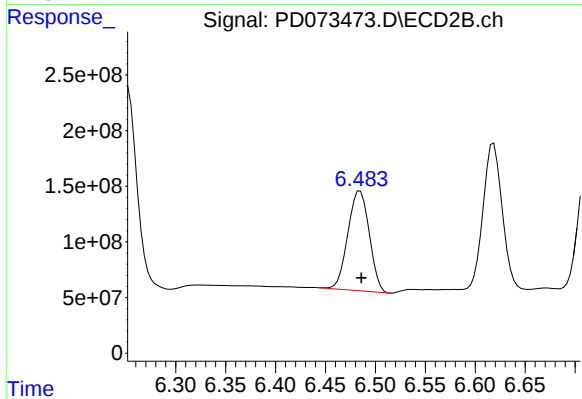
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 2361447035
Conc: 56.21 ng/ml



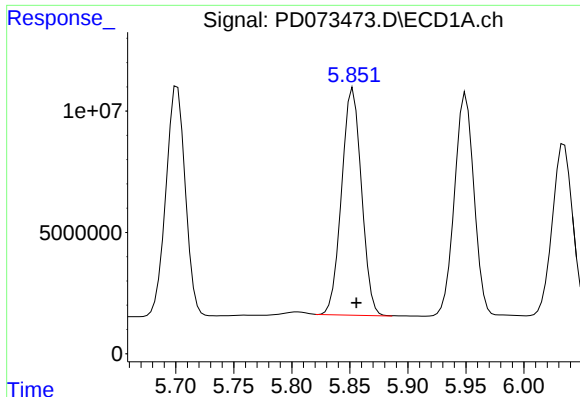
#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.003 min
Response: 122721686
Conc: 47.79 ng/ml



#14 Endrin

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 1341948662
Conc: 40.85 ng/ml



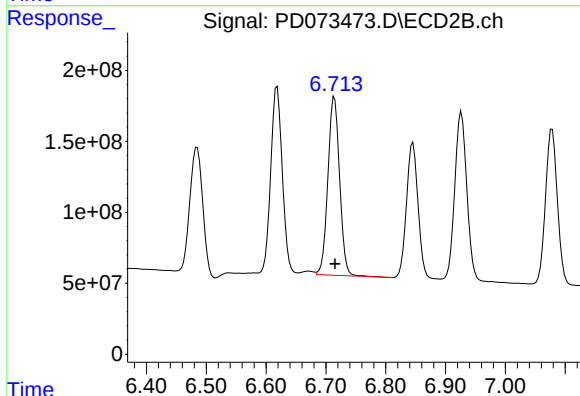
#15 Endosulfan II

R.T.: 5.851 min
Delta R.T.: -0.004 min
Response: 111435630
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

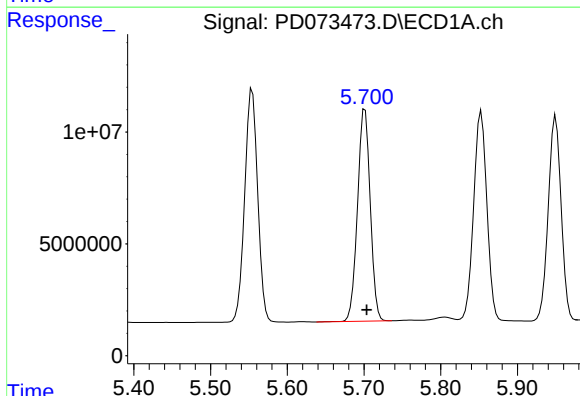
Manual Integrations
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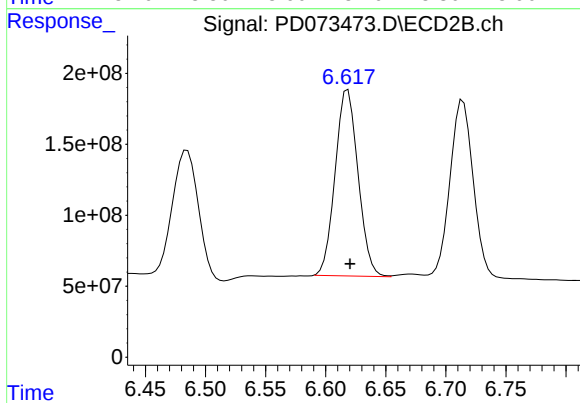
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 1707025454
Conc: 53.74 ng/ml



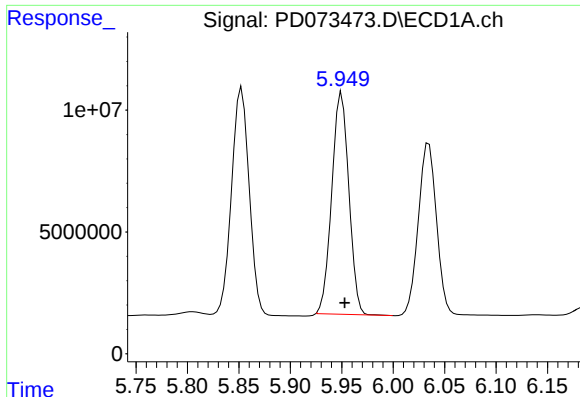
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 110076866
Conc: 48.80 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 1743055873
Conc: 55.79 ng/ml



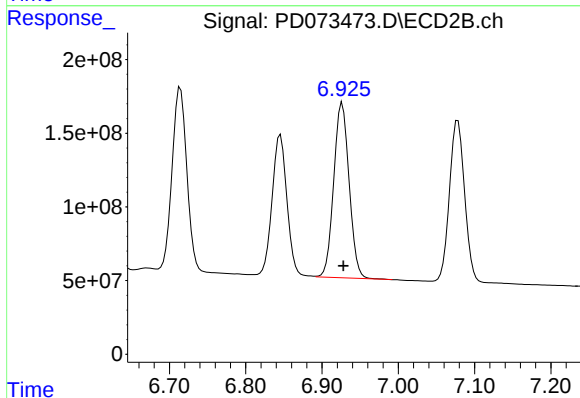
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 105169531
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

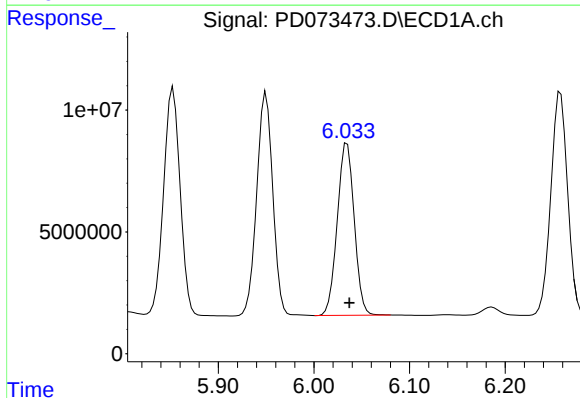
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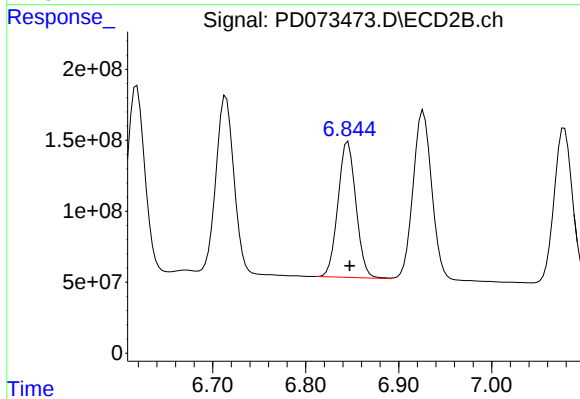
#17 4,4'-DDT

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 1661759628
Conc: 54.99 ng/ml



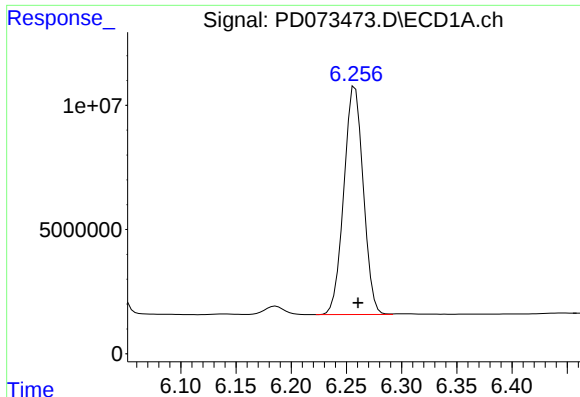
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 87187102
Conc: 46.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 1287995179
Conc: 54.94 ng/ml



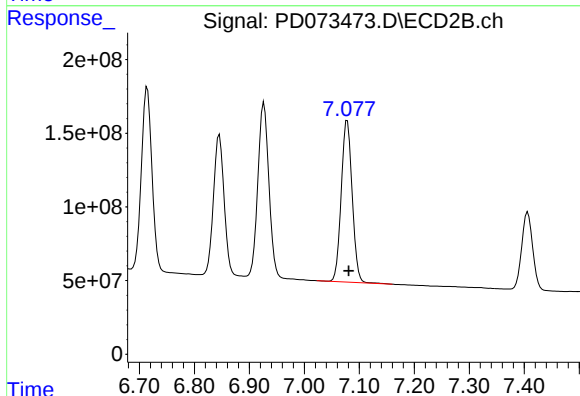
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 112447038
Conc: 47.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

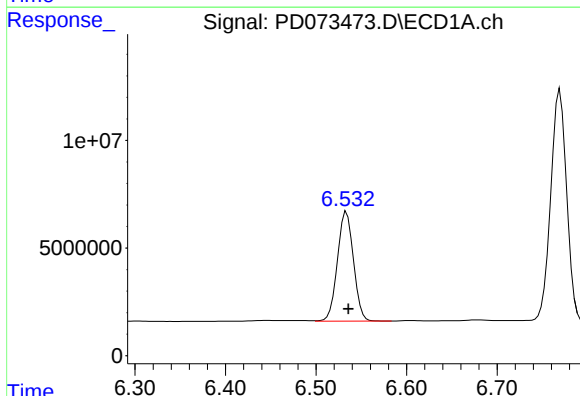
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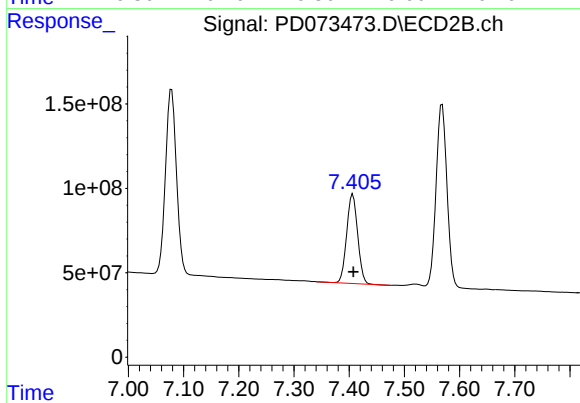
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 1521119664
Conc: 55.60 ng/ml



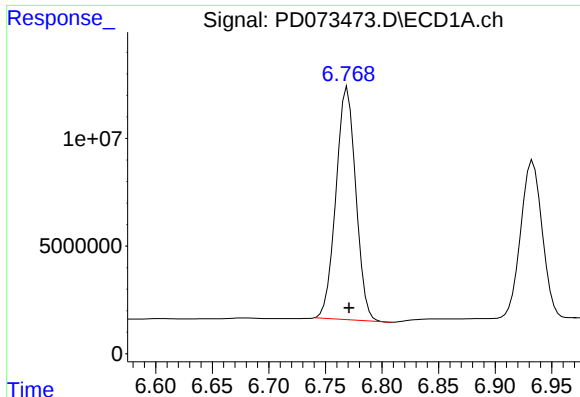
#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 62769373
Conc: 47.10 ng/ml



#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: -0.001 min
Response: 731544213
Conc: 54.05 ng/ml



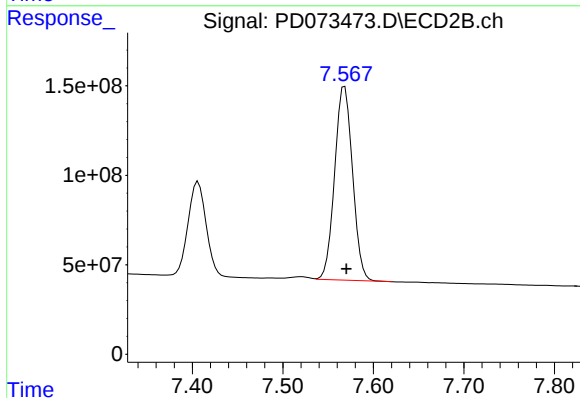
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 131687541
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

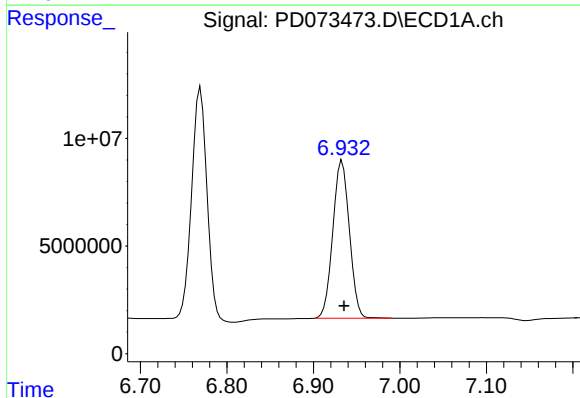
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



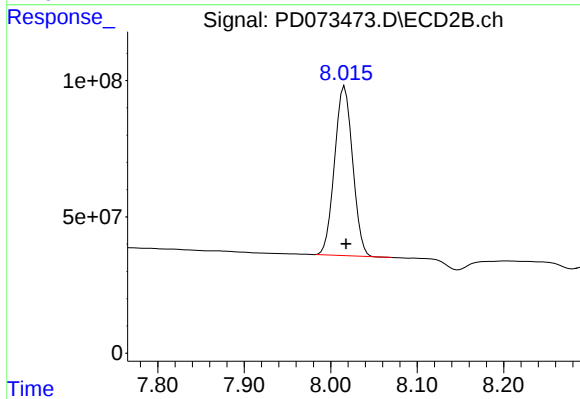
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: -0.002 min
Response: 1486143645
Conc: 54.13 ng/ml



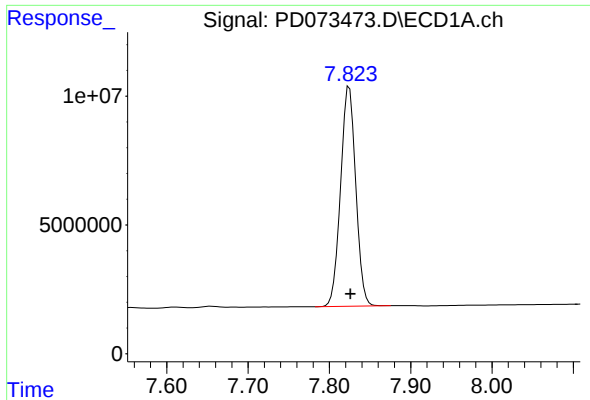
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 97089618
Conc: 46.71 ng/ml



#22 Mirex

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 896876734
Conc: 51.28 ng/ml



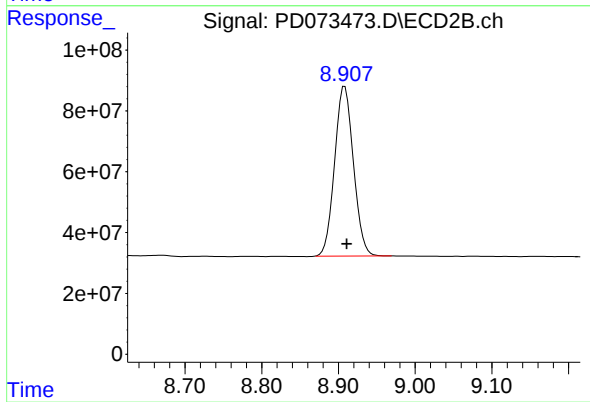
#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: -0.001 min
Response: 110438842
Conc: 45.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 952447700
Conc: 54.03 ng/ml