

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
 Data File : PD074288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 12:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 21:19:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.771	117.8E6	65102413	50.522	53.494
2) SA Decachlor...	9.095	7.923	139.7E6	62847495	52.240	51.224
Target Compounds						
2) A alpha-BHC	4.008	3.274	200.8E6	103.6E6	51.748	55.740
3) MA gamma-BHC...	4.341	3.605	185.1E6	93434958	52.751	54.539
4) MA Heptachlor	4.933	3.946	170.9E6	92730367	49.872	54.359
5) MB Aldrin	5.277	4.227	171.5E6	90844733	50.922	53.847
6) B beta-BHC	4.535	3.900	74977421	40029058	50.733	53.012
7) B delta-BHC	4.785	4.131	137.7E6	93272207	50.164	54.797
8) B Heptachlo...	5.704	4.730	133.4E6	81159740	47.433	52.869
9) A Endosulfan I	6.091	5.100	147.8E6	76365004	51.972	53.063
10) B gamma-Chl...	5.960	4.980	153.3E6	82100310	51.089	52.876
11) B alpha-Chl...	6.040	5.045	155.7E6	81290393	51.632	52.786
12) B 4,4'-DDE	6.212	5.234	146.6E6	75989853	53.186	53.850
13) MA Dieldrin	6.366	5.365	158.1E6	80211928	53.596	53.345
14) MA Endrin	6.597	5.641	135.7E6	68278199	54.589	52.242
15) B Endosulfa...	6.814	5.935	136.8E6	66146329	53.095m	52.569
16) A 4,4'-DDD	6.729	5.789	121.5E6	61884984	54.154	53.015
17) MA 4,4'-DDT	7.045	6.041	139.3E6	66159956	54.643	53.875
18) B Endrin al...	6.946	6.114	105.0E6	52378618	52.551	51.578
19) B Endosulfa...	7.181	6.337	133.9E6	65028681	54.217	53.265
20) A Methoxychlor	7.520	6.617	75703522	35848185	54.105	52.981
21) B Endrin ke...	7.667	6.844	153.8E6	77177650	55.267	52.321
22) Mirex	8.144	7.028	113.6E6	60007181	53.476	52.829

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032023\
Data File : PD074288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2023 12:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

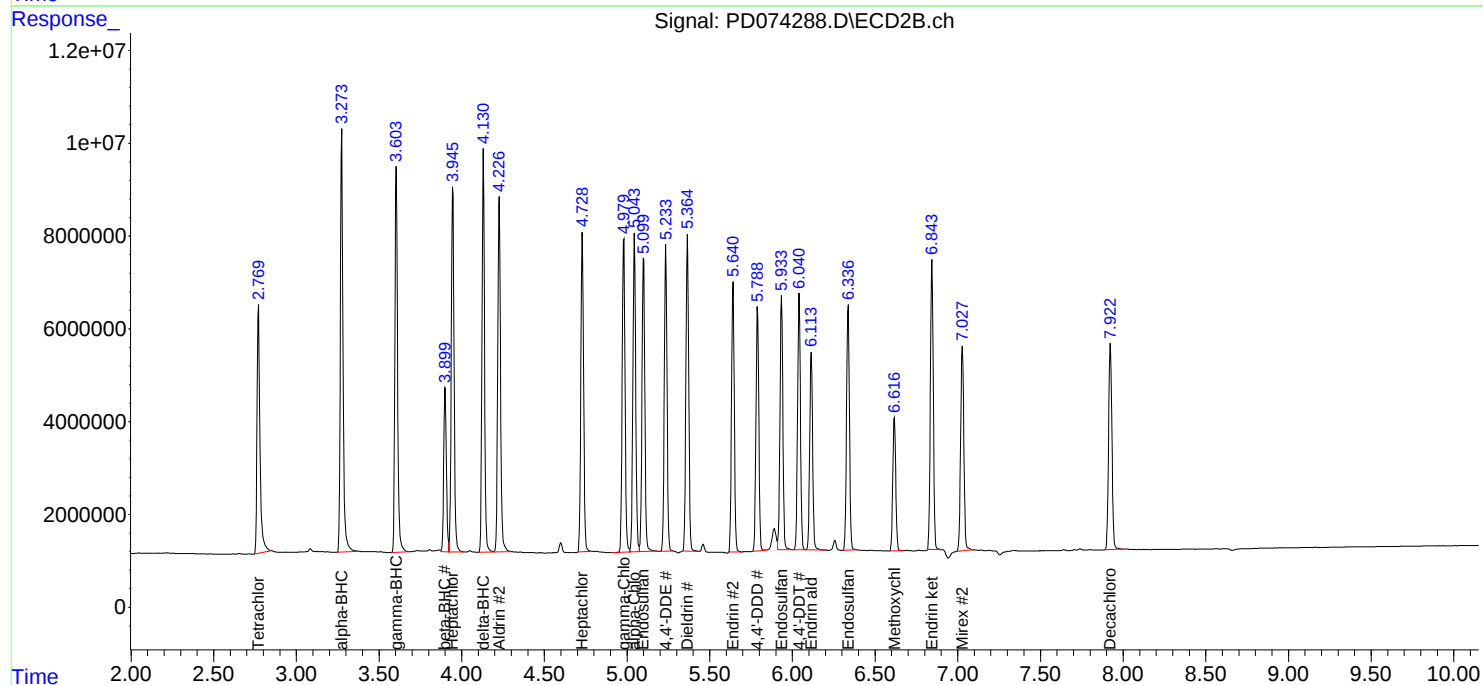
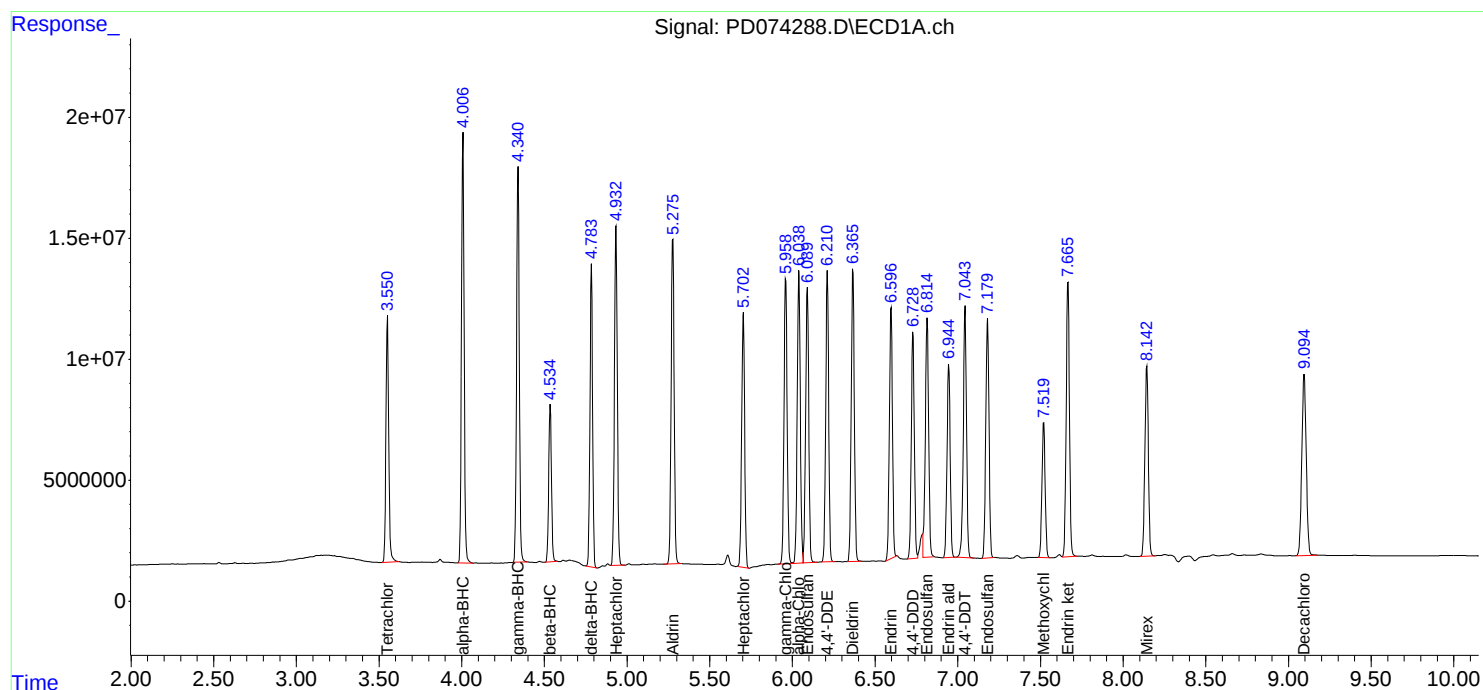
APPROVED

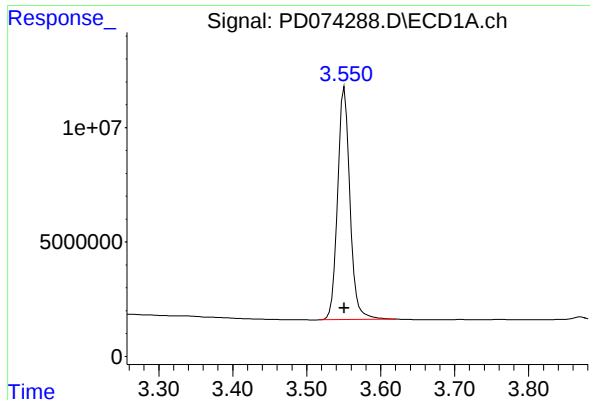
Reviewed By :Abdul Mirza 03/21/2023

Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 21:19:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
Quant Title : GC Extractables
QLast Update : Wed Mar 15 12:23:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 117848180
Conc: 50.52 ng/ml

Instrument :

ECD_D

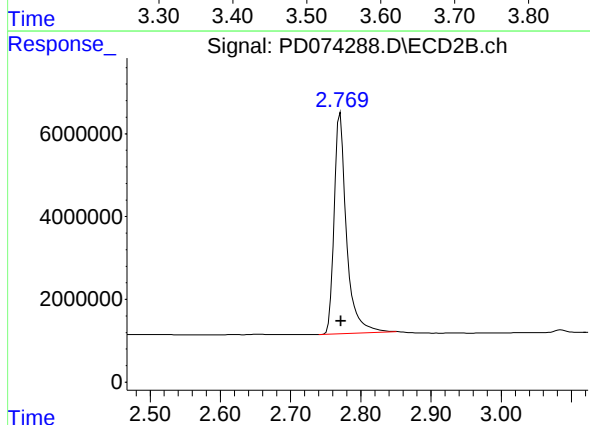
ClientSampleId :

PSTDCCC050

Manual Integrations

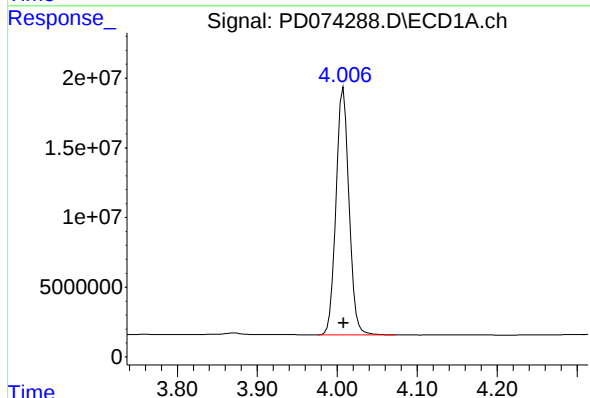
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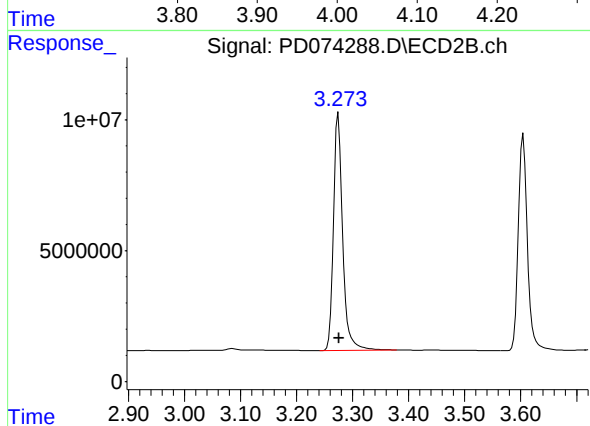
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 65102413
Conc: 53.49 ng/ml



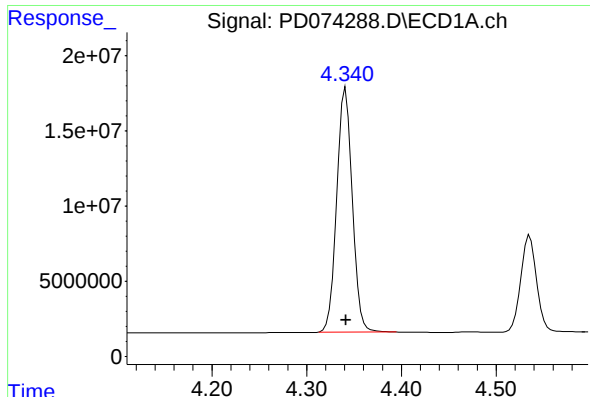
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 200817802
Conc: 51.75 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.001 min
Response: 103587592
Conc: 55.74 ng/ml



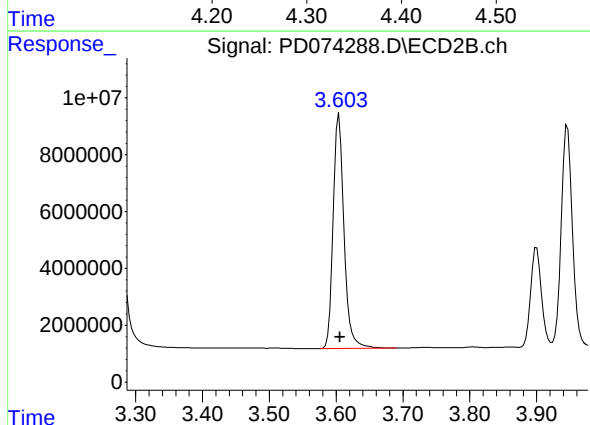
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 185066800
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

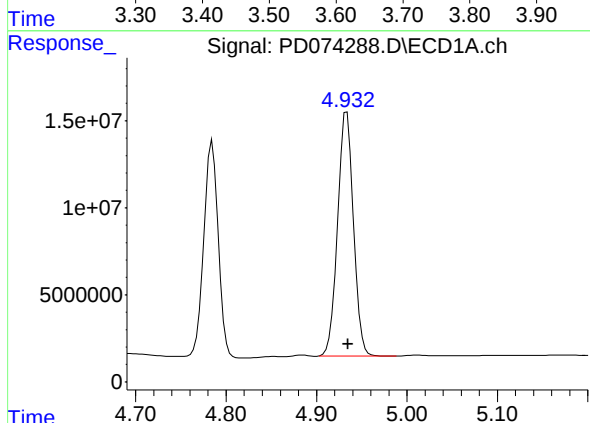
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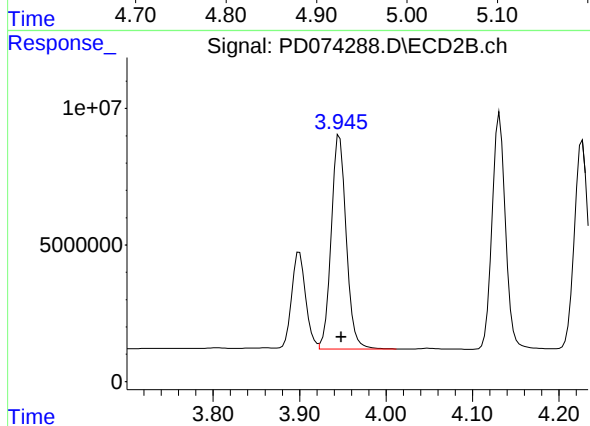
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.001 min
Response: 93434958
Conc: 54.54 ng/ml



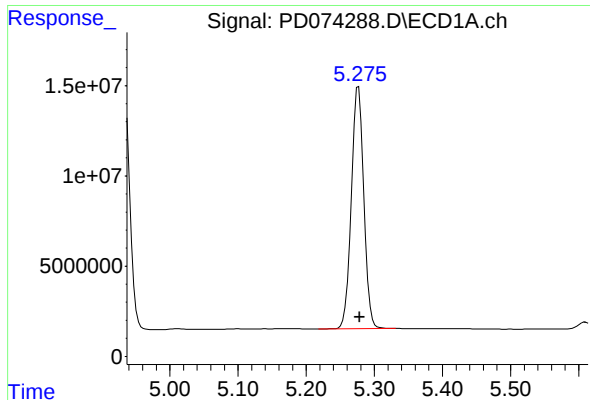
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 170881488
Conc: 49.87 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 92730367
Conc: 54.36 ng/ml



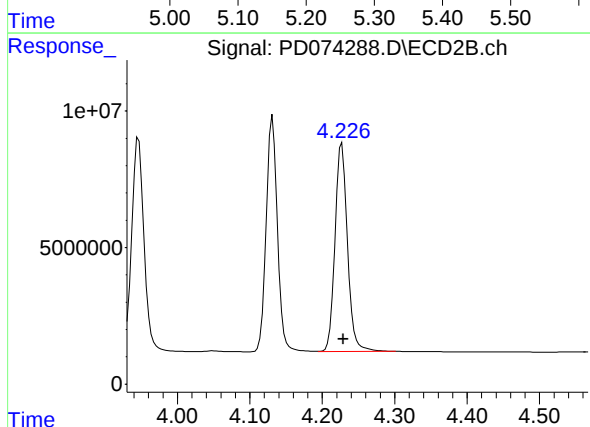
#5 Aldrin

R.T.: 5.277 min
Delta R.T.: -0.002 min
Response: 171482873
Conc: 50.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

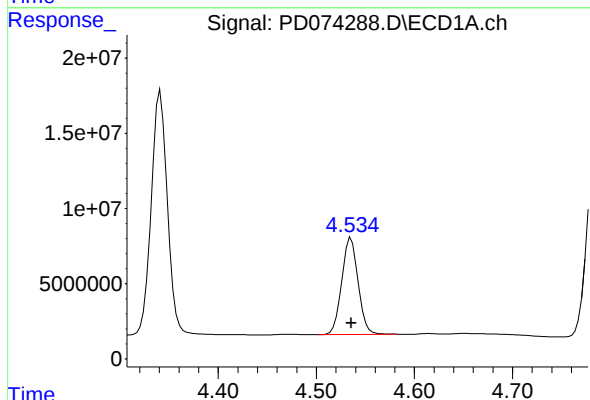
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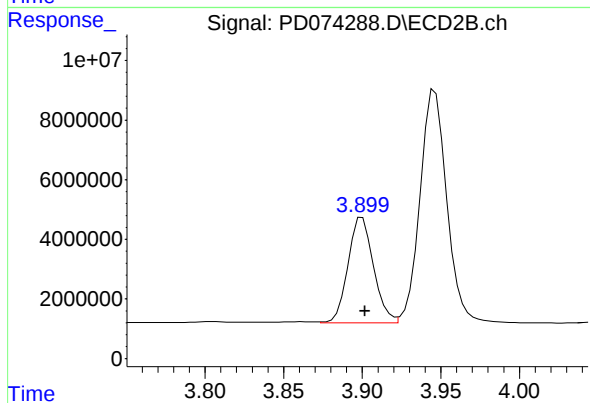
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 90844733
Conc: 53.85 ng/ml



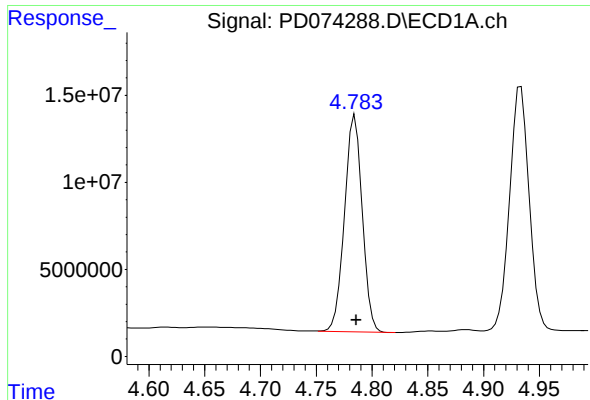
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 74977421
Conc: 50.73 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 40029058
Conc: 53.01 ng/ml



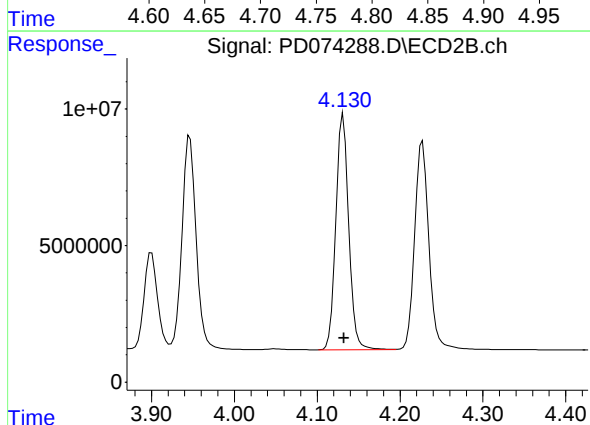
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 137662138
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

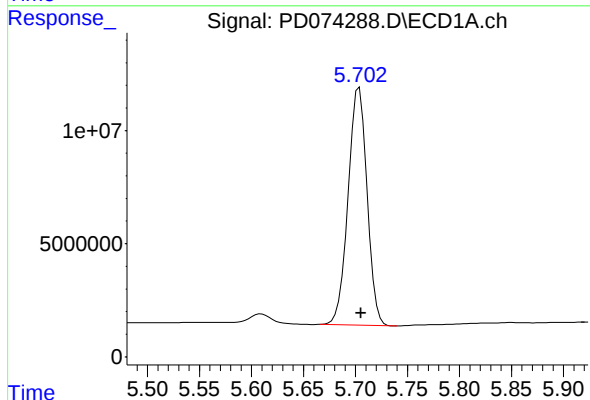
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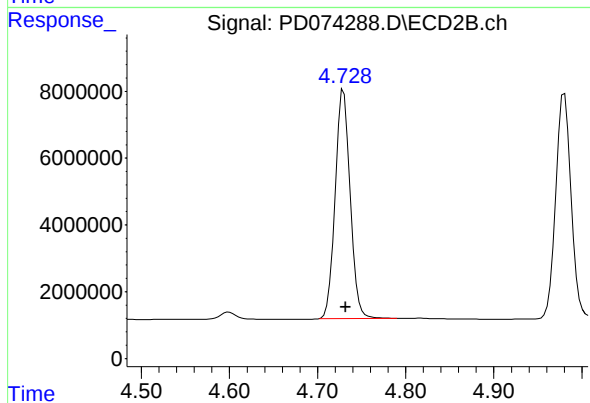
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.001 min
Response: 93272207
Conc: 54.80 ng/ml



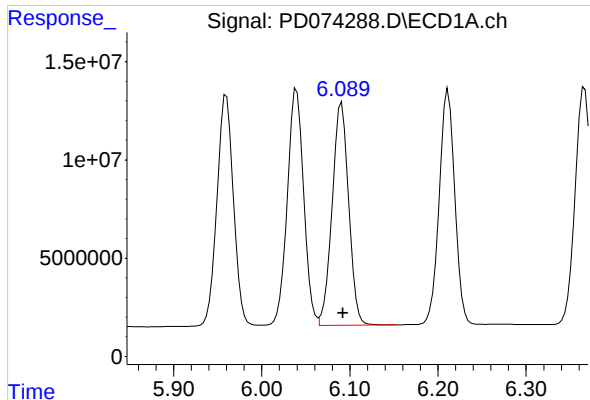
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: -0.002 min
Response: 133410160
Conc: 47.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 81159740
Conc: 52.87 ng/ml



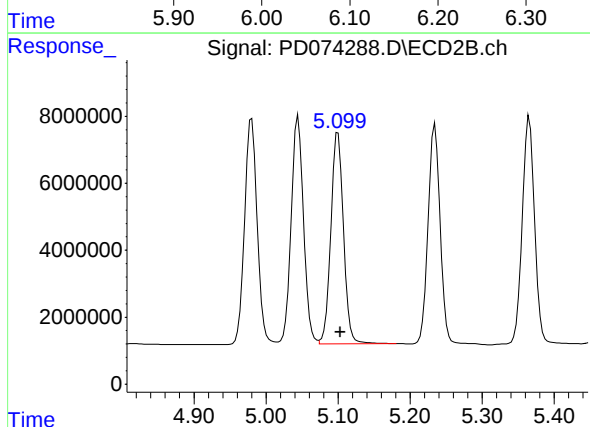
#9 Endosulfan I

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 147762125
Conc: 51.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

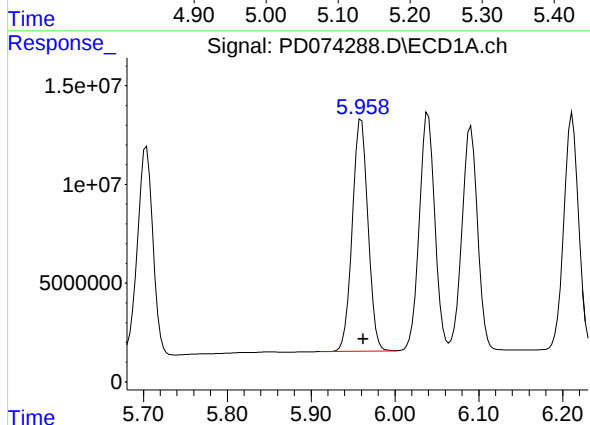
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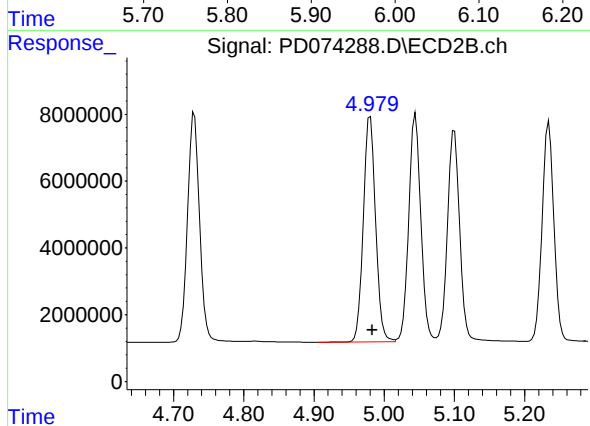
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 76365004
Conc: 53.06 ng/ml



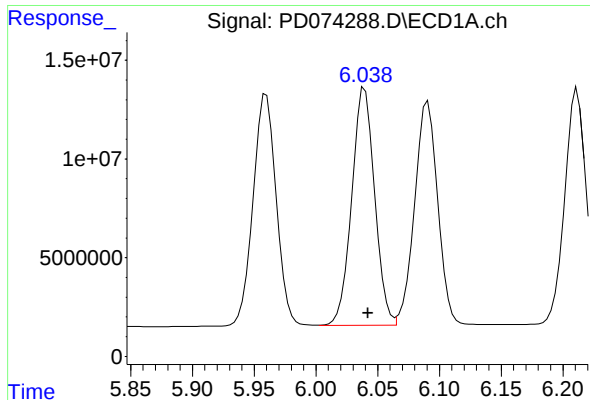
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 153333645
Conc: 51.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.003 min
Response: 82100310
Conc: 52.88 ng/ml



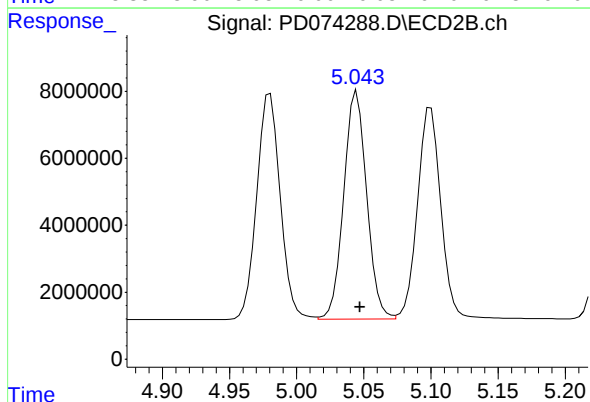
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 155720155
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

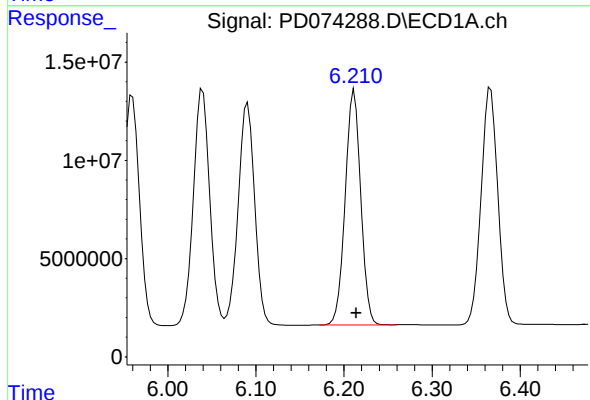
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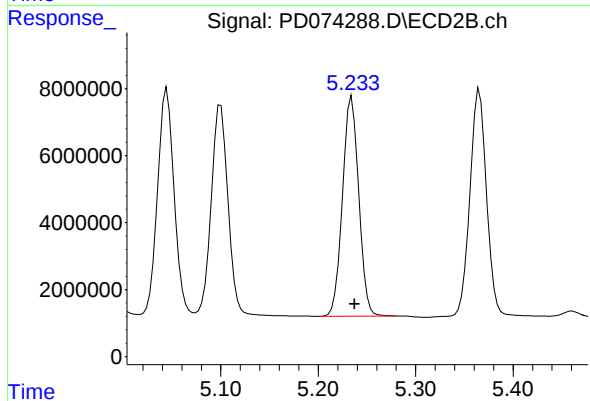
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 81290393
Conc: 52.79 ng/ml



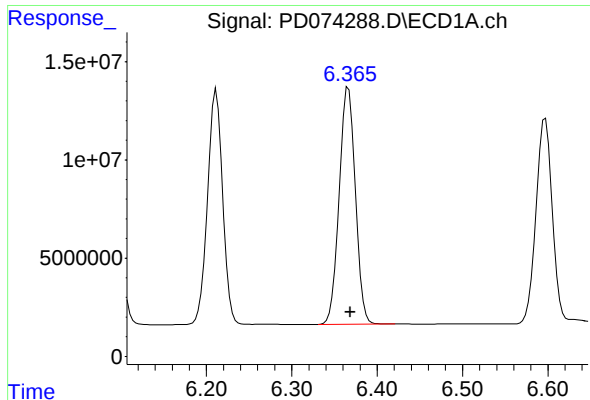
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 146643451
Conc: 53.19 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 75989853
Conc: 53.85 ng/ml



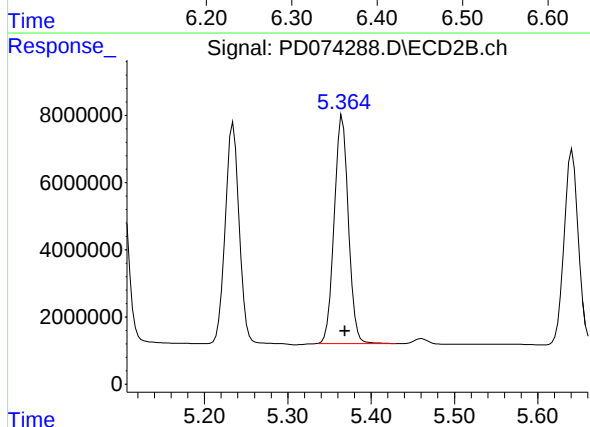
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 158101949
Conc: 53.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

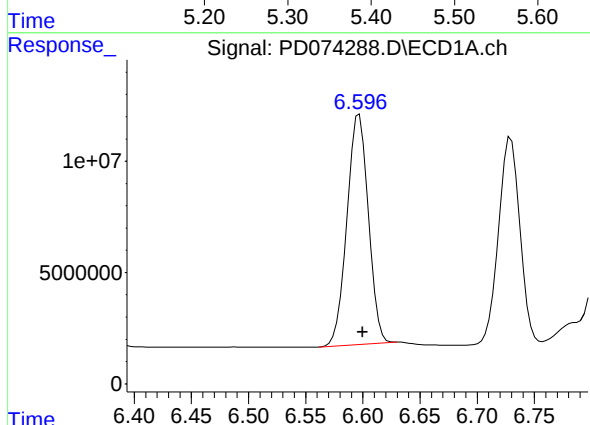
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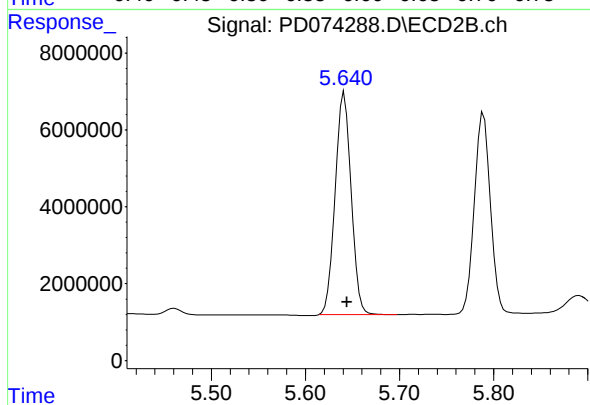
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 80211928
Conc: 53.34 ng/ml



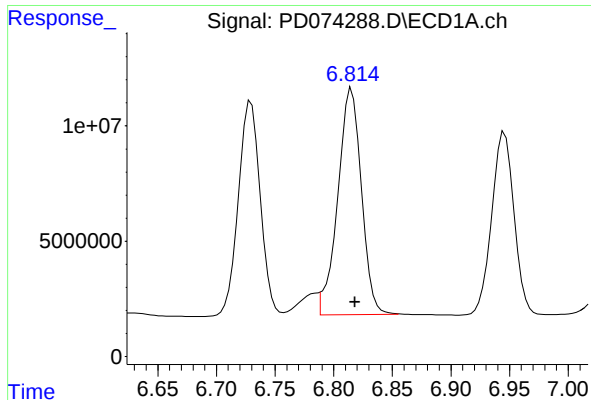
#14 Endrin

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 135658808
Conc: 54.59 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: -0.003 min
Response: 68278199
Conc: 52.24 ng/ml



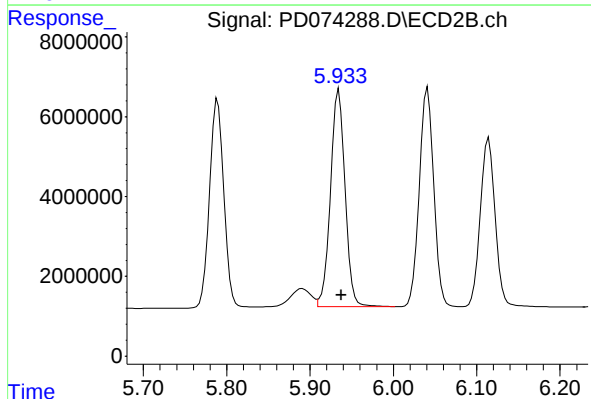
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 136765811
Conc: 53.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

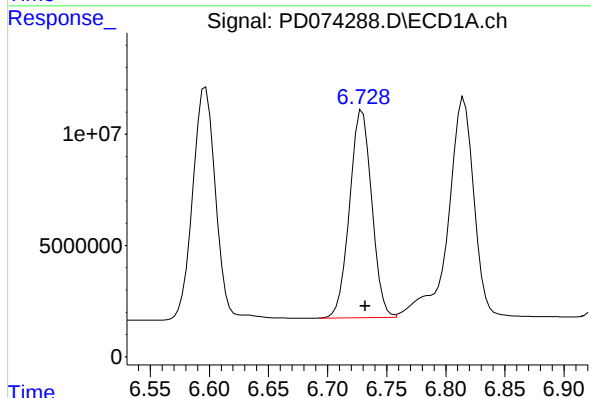
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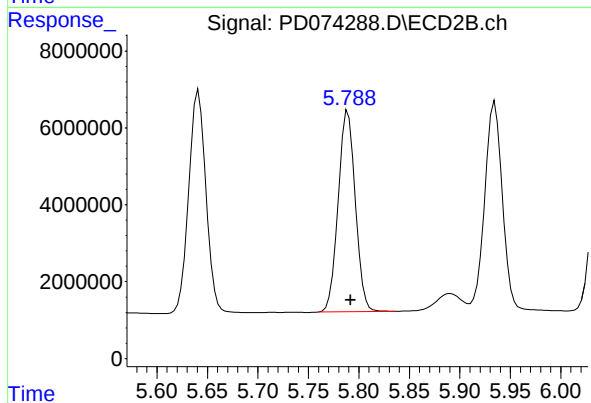
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 66146329
Conc: 52.57 ng/ml



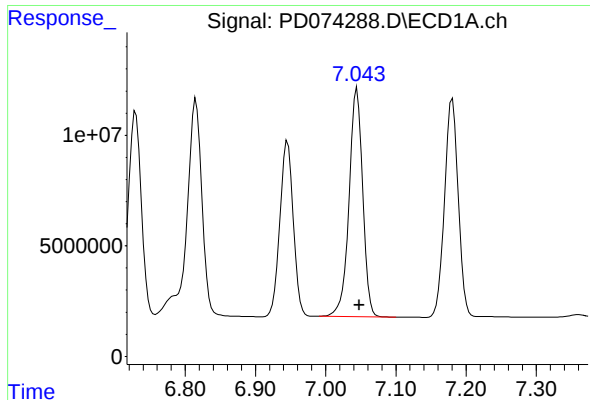
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 121476029
Conc: 54.15 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 61884984
Conc: 53.02 ng/ml



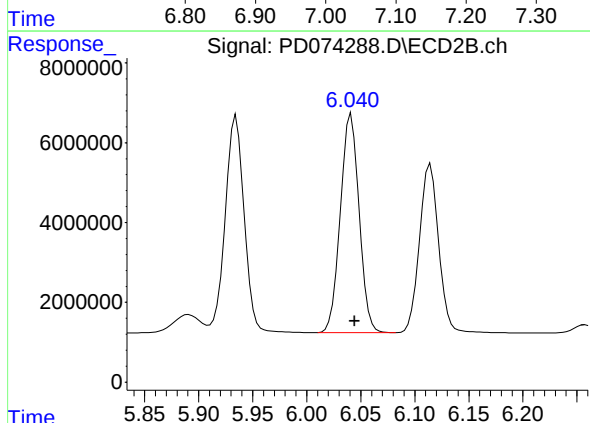
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: -0.003 min
Response: 139289117
Conc: 54.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

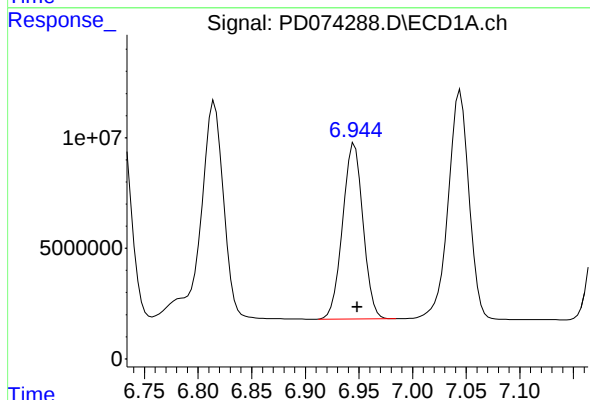
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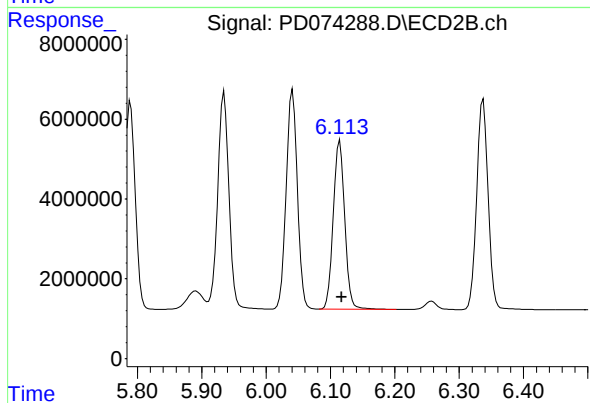
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 66159956
Conc: 53.88 ng/ml



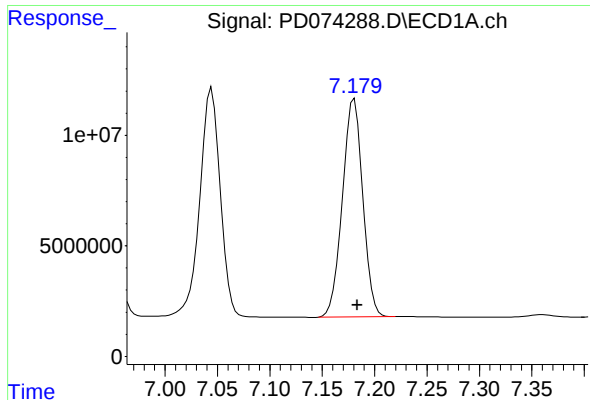
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 105047646
Conc: 52.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 52378618
Conc: 51.58 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: -0.003 min
Response: 133860564
Conc: 54.22 ng/ml

Instrument :

ECD_D

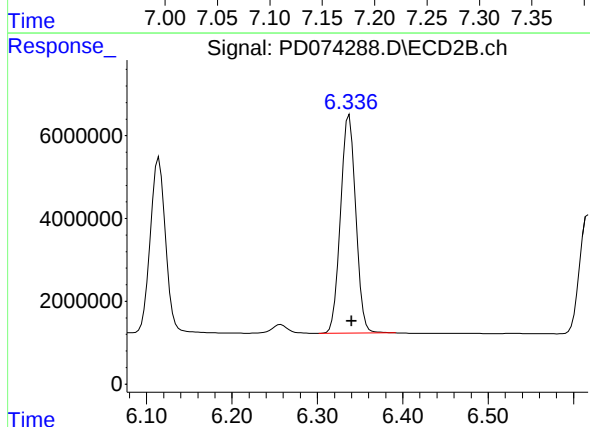
ClientSampleId :

PSTDCCC050

Manual Integrations

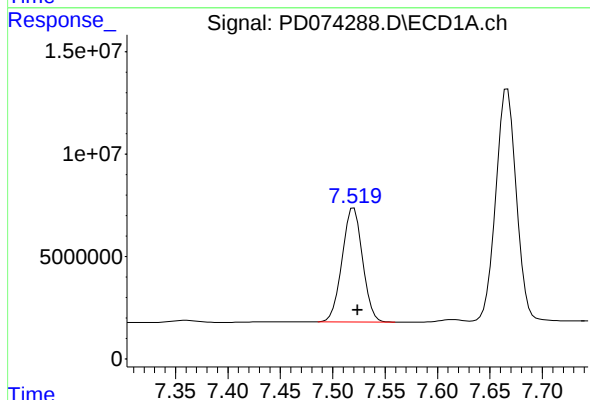
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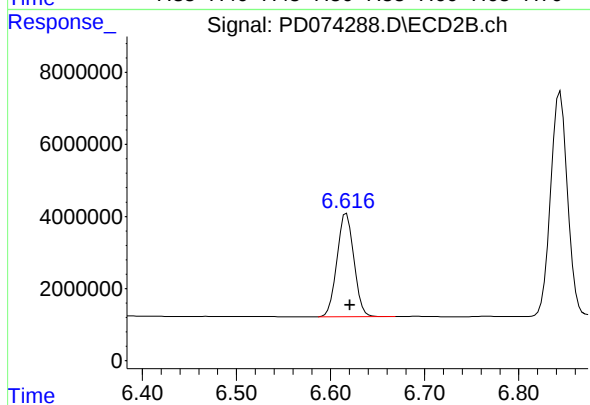
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: -0.003 min
Response: 65028681
Conc: 53.27 ng/ml



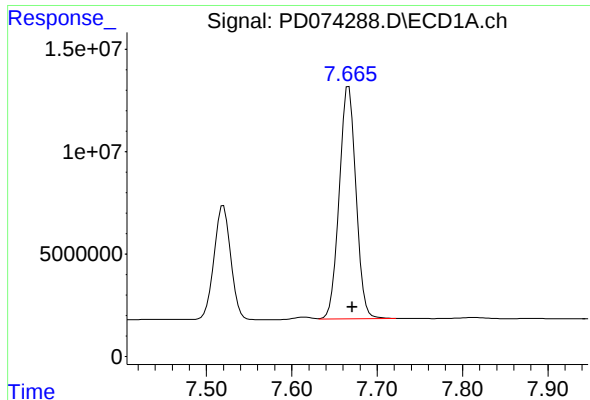
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.004 min
Response: 75703522
Conc: 54.11 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 35848185
Conc: 52.98 ng/ml



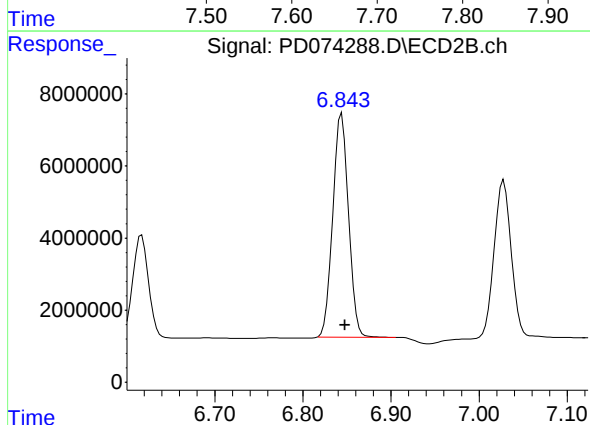
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: -0.004 min
Response: 153847484
Conc: 55.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

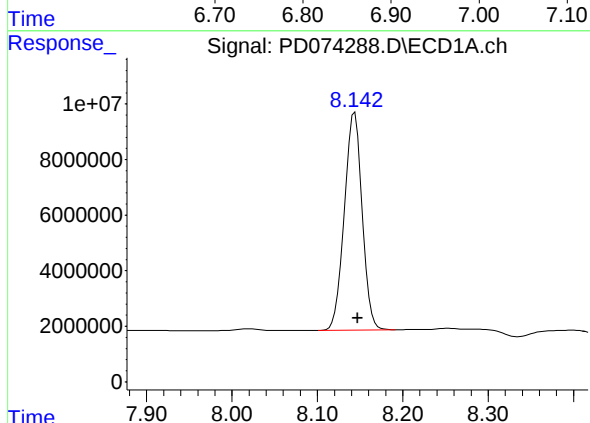
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023



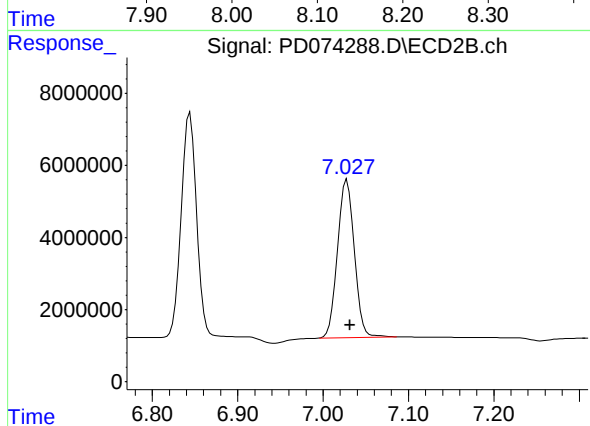
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 77177650
Conc: 52.32 ng/ml



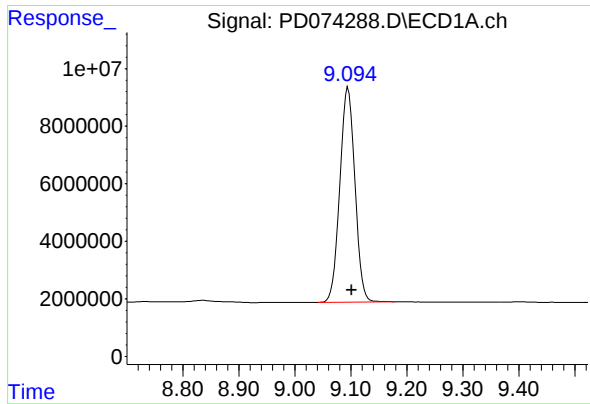
#22 Mirex

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 113553170
Conc: 53.48 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.004 min
Response: 60007181
Conc: 52.83 ng/ml



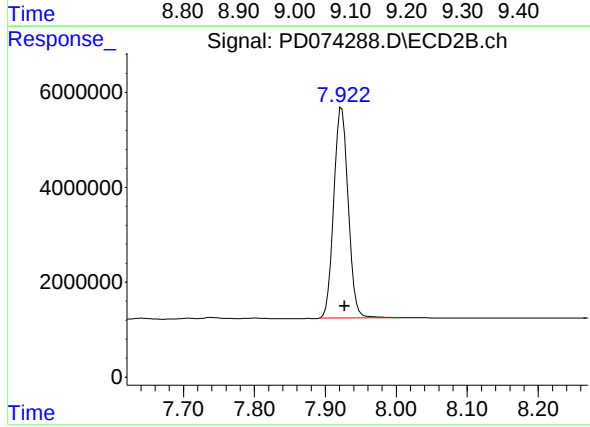
#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 139720970
Conc: 52.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 03/21/2023



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.004 min
Response: 62847495
Conc: 51.22 ng/ml