

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
 Data File : PD073874.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 01:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/08/2023
 Supervised By : Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 03:50:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 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...	3.554	2.776	112.9E6	58507715	48.290	45.958
28)	SA Decachlor...	9.099	7.931	115.3E6	50526080	40.911	43.427
Target Compounds							
2)	A alpha-BHC	4.011	3.279	204.2E6	90043610	51.410	52.847
3)	MA gamma-BHC...	4.344	3.610	186.8E6	82628199	50.879	54.932
4)	MA Heptachlor	4.937	3.952	189.1E6	76723473	50.932	57.296
5)	MB Aldrin	5.280	4.233	183.4E6	81838420	50.878	50.666
6)	B beta-BHC	4.537	3.905	76794340	35354029	49.502	53.347
7)	B delta-BHC	4.787	4.136	185.7E6	82889038	55.199	54.228
8)	B Heptachlo...	5.707	4.736	162.1E6	72869825	50.789	54.156
9)	A Endosulfan I	6.094	5.107	151.5E6	67599929	49.344	50.277
10)	B gamma-Chl...	5.962	4.987	164.1E6	75061708	49.853m	50.718
11)	B alpha-Chl...	6.043	5.051	164.1E6	73889300	49.731	49.677
12)	B 4,4'-DDE	6.215	5.242	148.8E6	68793998	49.255	51.557
13)	MA Dieldrin	6.370	5.372	157.2E6	71931930	49.313	54.876
14)	MA Endrin	6.600	5.648	131.1E6	60350191	48.374	54.271
15)	B Endosulfa...	6.818	5.941	126.7E6	57967115	47.856	49.773
16)	A 4,4'-DDD	6.732	5.796	122.5E6	57229000	49.679	55.542
17)	MA 4,4'-DDT	7.048	6.048	124.6E6	54483651	44.768	52.894
18)	B Endrin al...	6.948	6.121	95624931	45119099	44.081	51.155
19)	B Endosulfa...	7.184	6.344	124.0E6	57593050	46.317	51.164
20)	A Methoxychlor	7.523	6.625	65633058	28785632	42.368	54.997 #
21)	B Endrin ke...	7.670	6.851	140.7E6	67350935	46.532	52.566
22)	Mirex	8.147	7.036	99590074	48927191	43.341	46.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020823\
Data File : PD073874.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2023 01:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

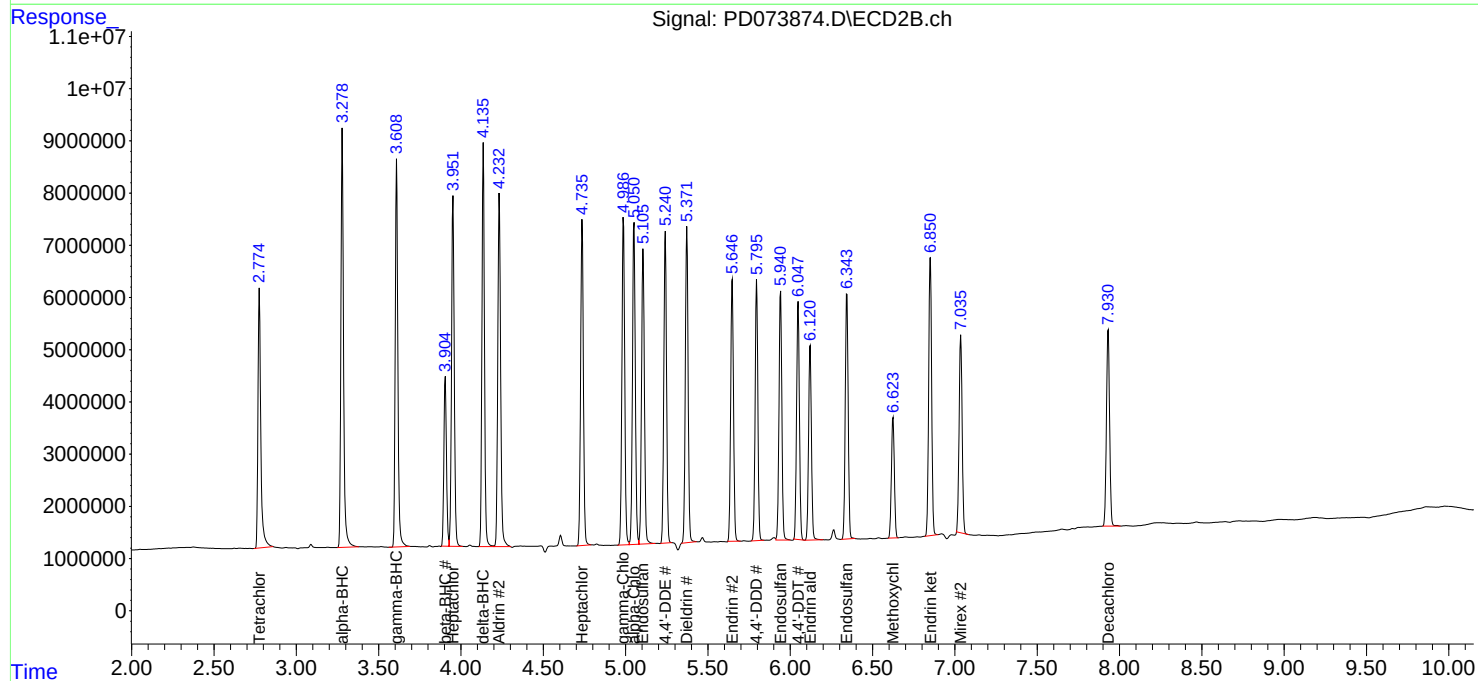
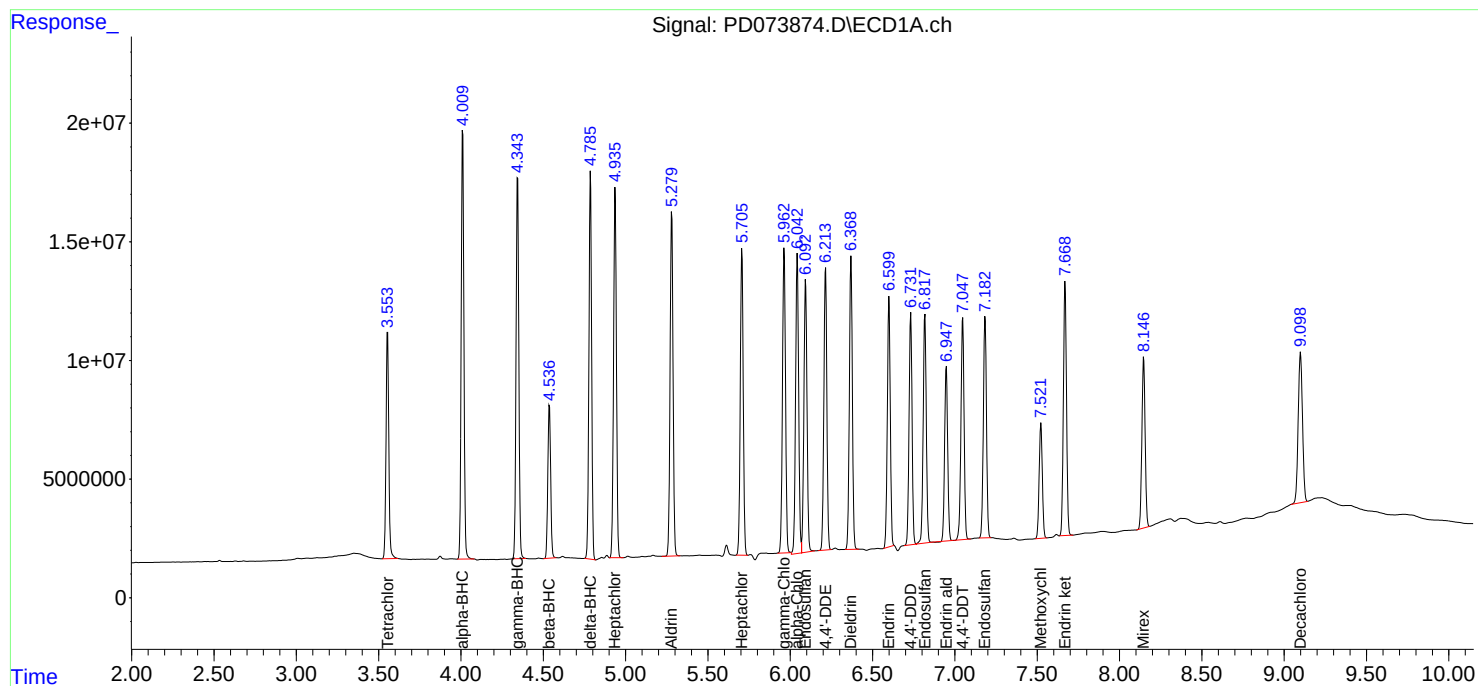
APPROVED

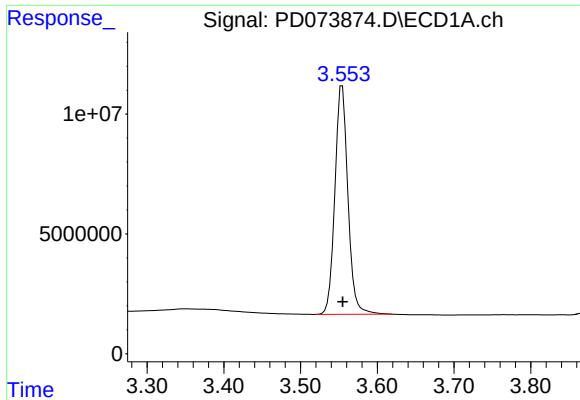
Reviewed By :Abdul Mirza 02/08/2023

Supervised By :Ankita Jodhani 02/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 03:50:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
Quant Title : GC Extractables
QLast Update : Thu Jan 19 02:45:26 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





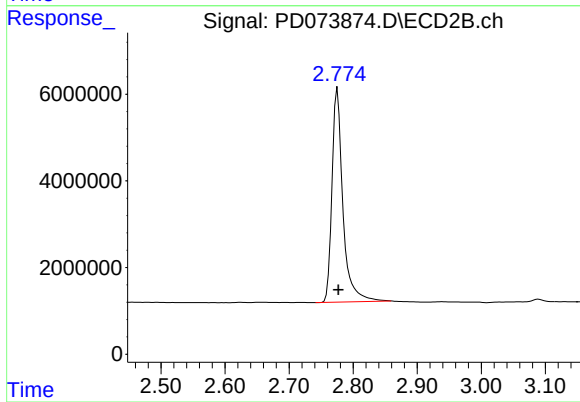
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 112878751
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

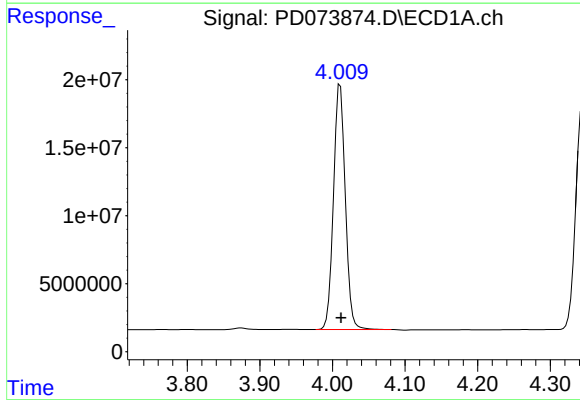
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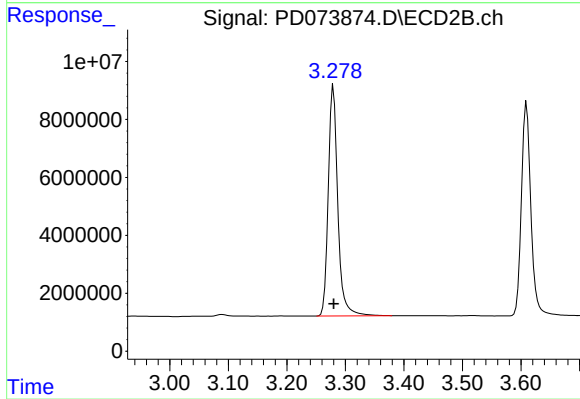
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 58507715
Conc: 45.96 ng/ml



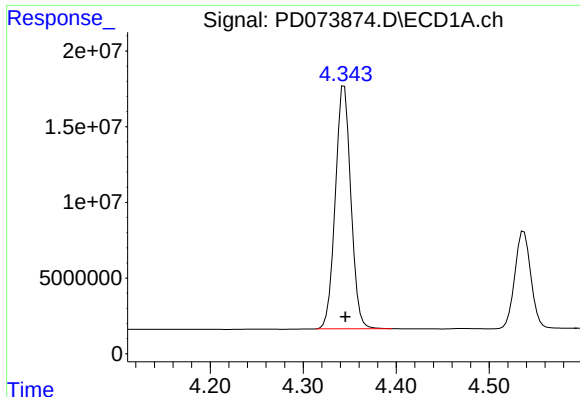
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 204189565
Conc: 51.41 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 90043610
Conc: 52.85 ng/ml



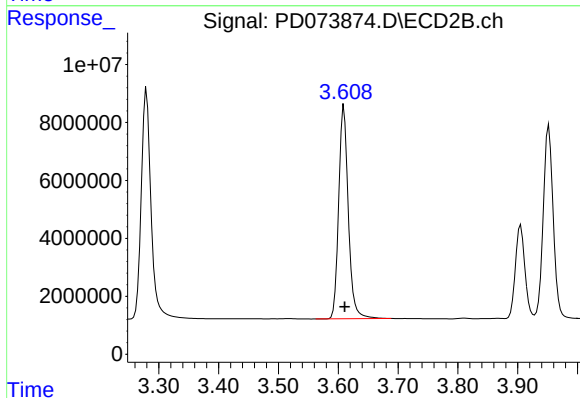
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 186805676
Conc: 50.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

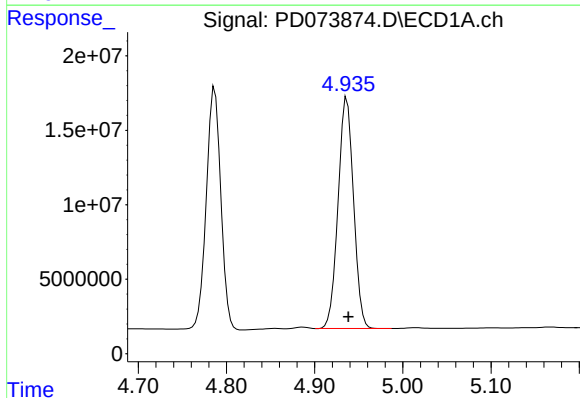
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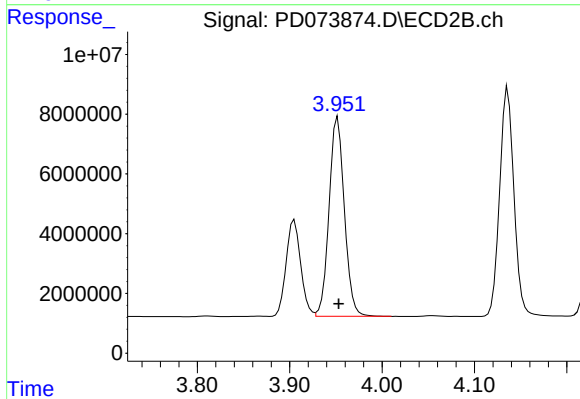
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: -0.001 min
Response: 82628199
Conc: 54.93 ng/ml



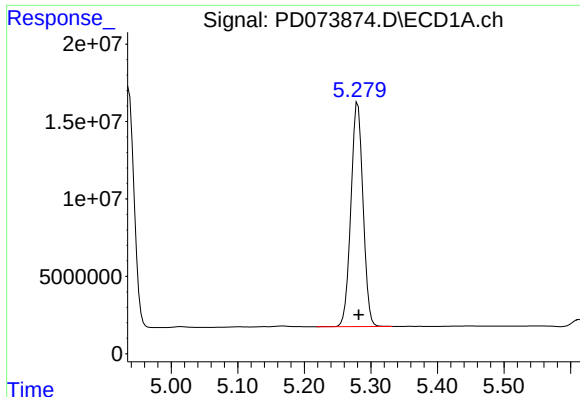
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: -0.001 min
Response: 189130960
Conc: 50.93 ng/ml



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 76723473
Conc: 57.30 ng/ml



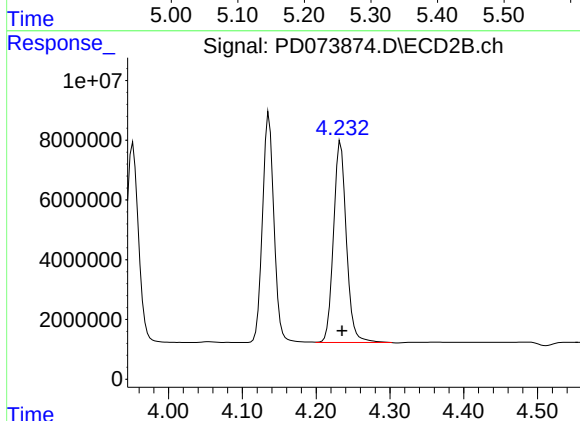
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: -0.001 min
Response: 183402460
Conc: 50.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

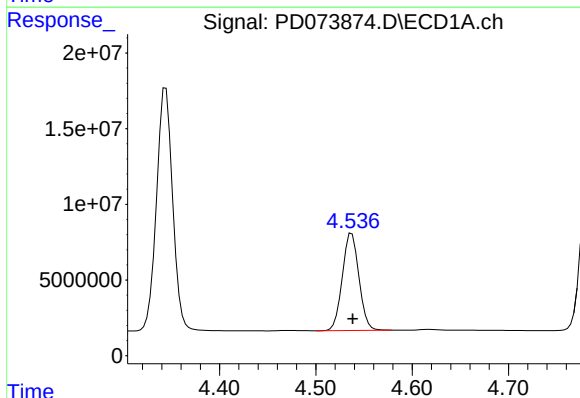
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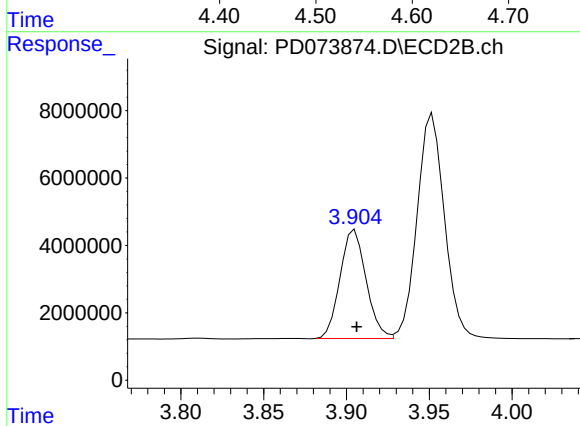
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 81838420
Conc: 50.67 ng/ml



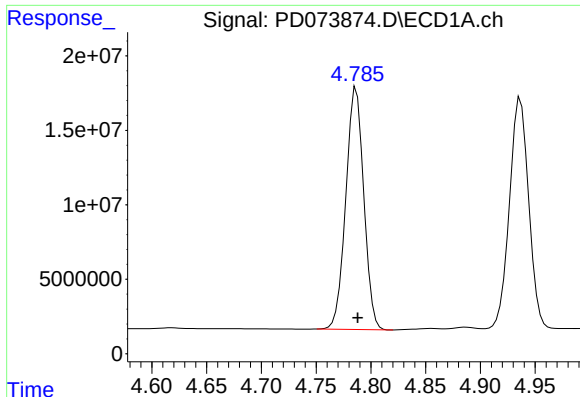
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 76794340
Conc: 49.50 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.001 min
Response: 35354029
Conc: 53.35 ng/ml



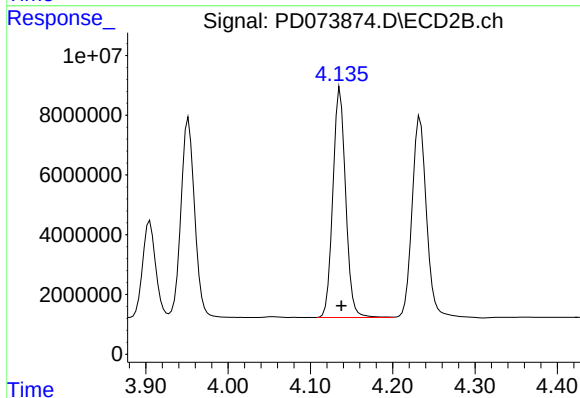
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 185749929
Conc: 55.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

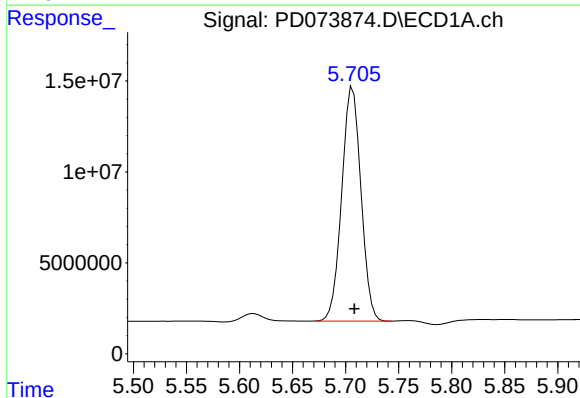
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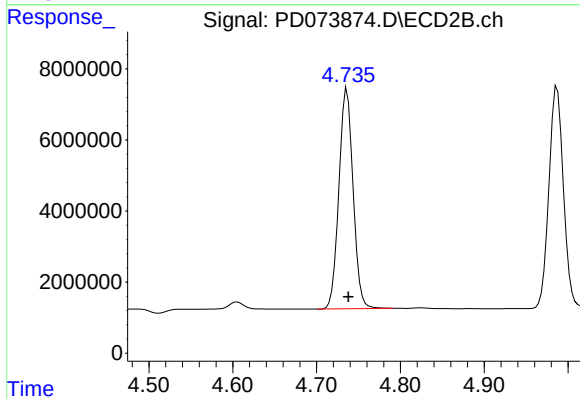
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.001 min
Response: 82889038
Conc: 54.23 ng/ml



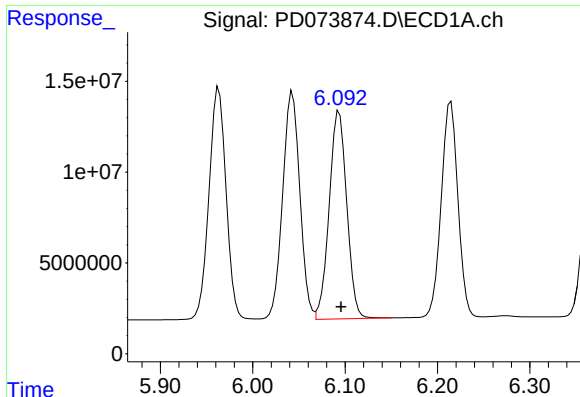
#8 Heptachlor epoxide

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 162086193
Conc: 50.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 72869825
Conc: 54.16 ng/ml



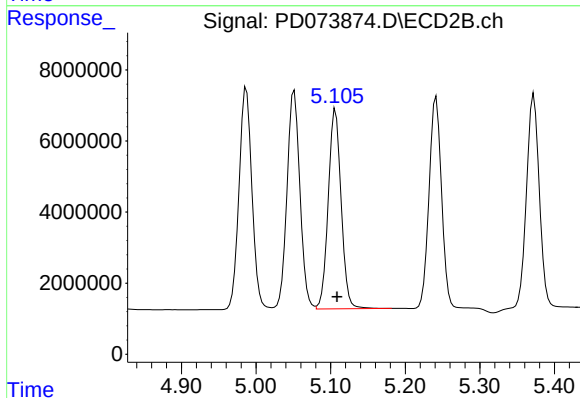
#9 Endosulfan I

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 151517396
Conc: 49.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

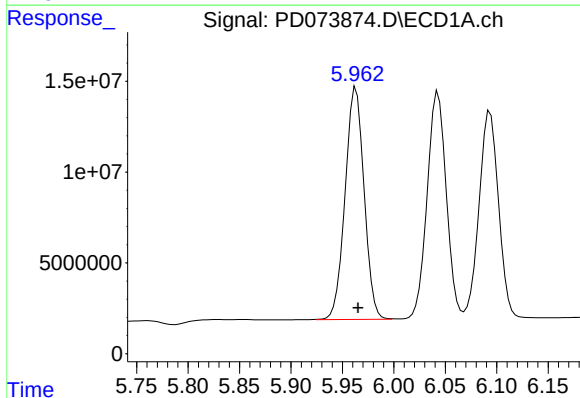
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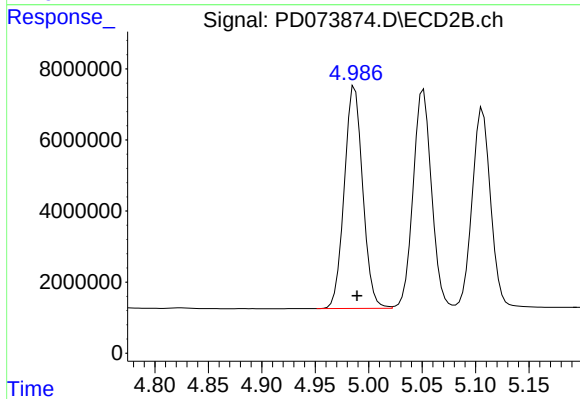
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 67599929
Conc: 50.28 ng/ml



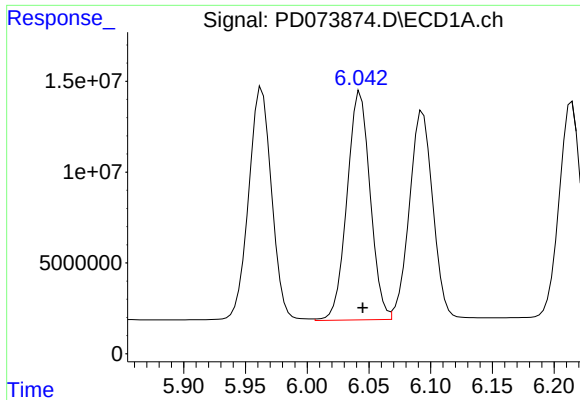
#10 gamma-Chlordane

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 164136156
Conc: 49.85 ng/ml m



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 75061708
Conc: 50.72 ng/ml



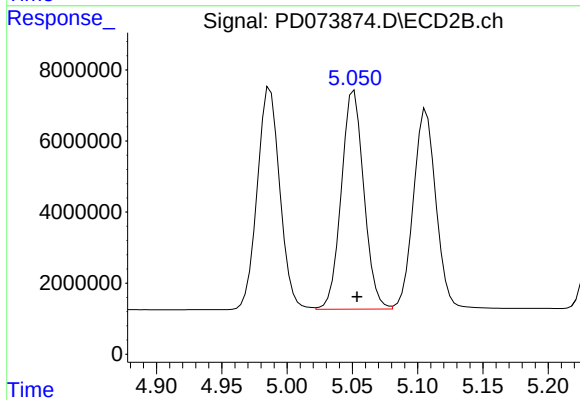
#11 alpha-Chlordane

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 164054164
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

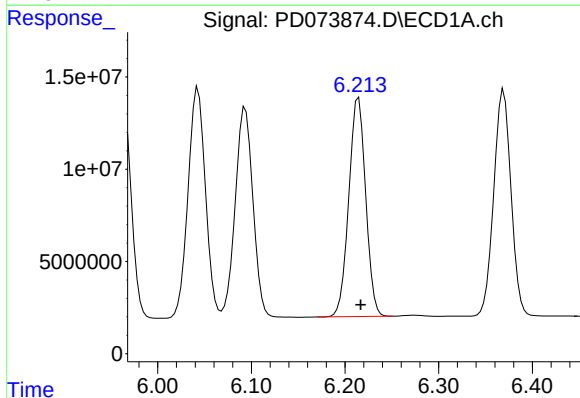
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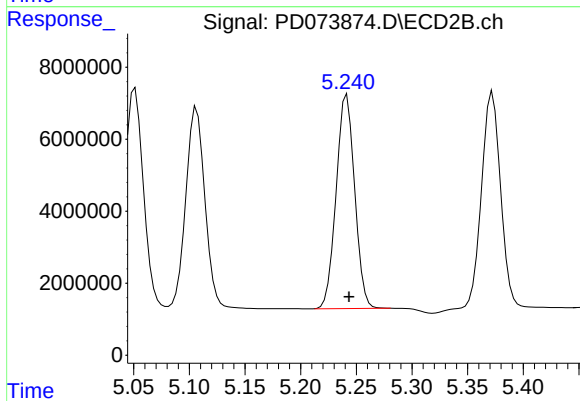
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 73889300
Conc: 49.68 ng/ml



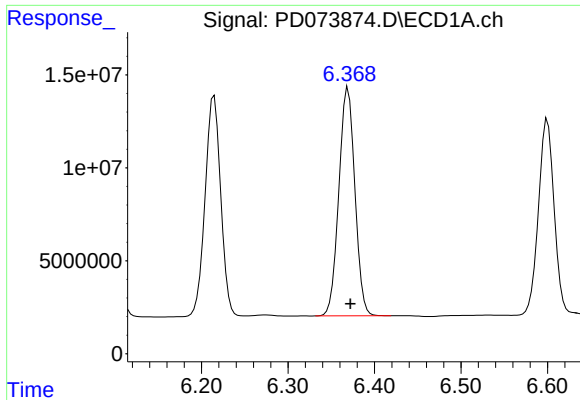
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: -0.002 min
Response: 148767011
Conc: 49.26 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 68793998
Conc: 51.56 ng/ml



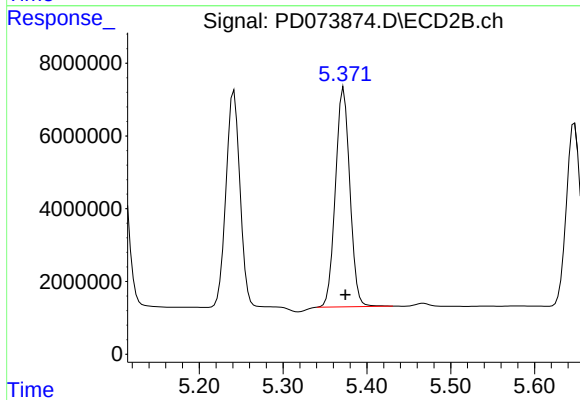
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: -0.003 min
Response: 157235118
Conc: 49.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

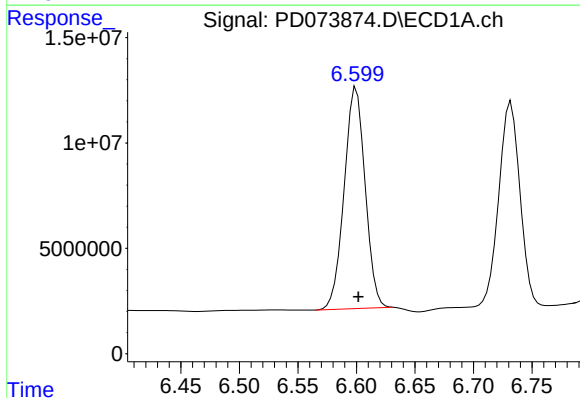
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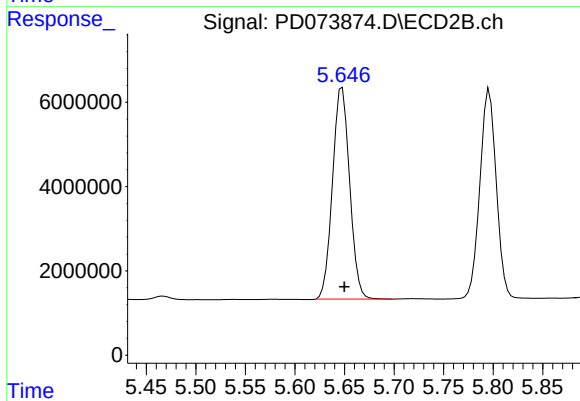
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 71931930
Conc: 54.88 ng/ml



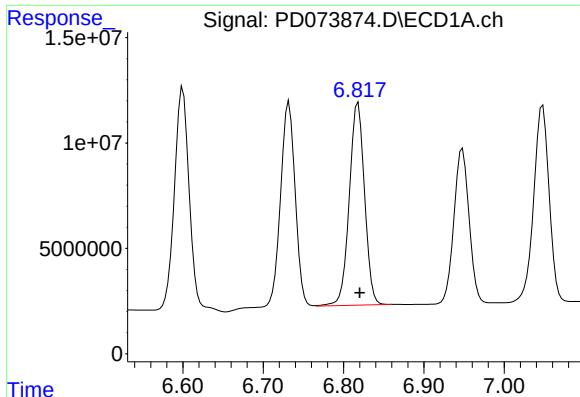
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 131143518
Conc: 48.37 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 60350191
Conc: 54.27 ng/ml



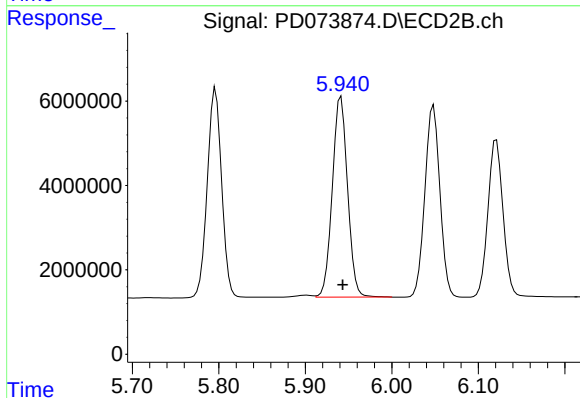
#15 Endosulfan II

R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 126727700
Conc: 47.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

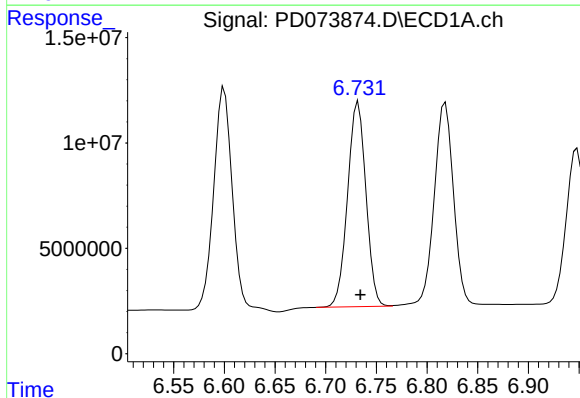
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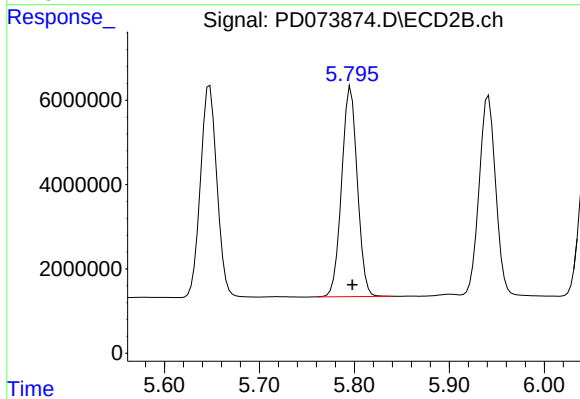
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 57967115
Conc: 49.77 ng/ml



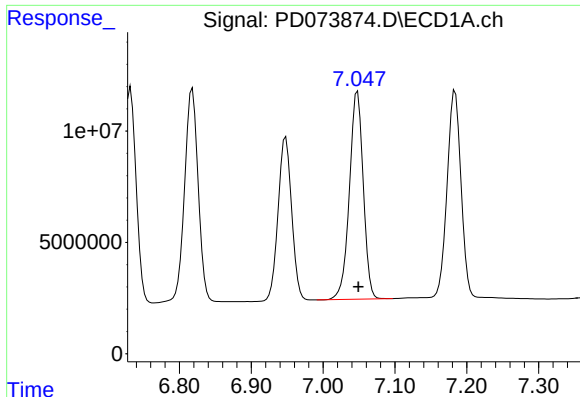
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 122522575
Conc: 49.68 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 57229000
Conc: 55.54 ng/ml



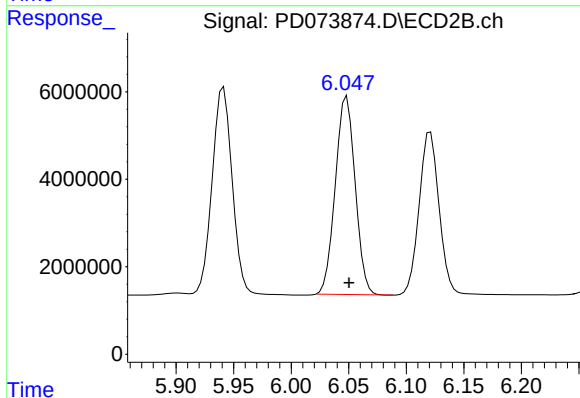
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.001 min
Response: 124639515
Conc: 44.77 ng/ml

Instrument :
ECD_D
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#17 4,4'-DDT

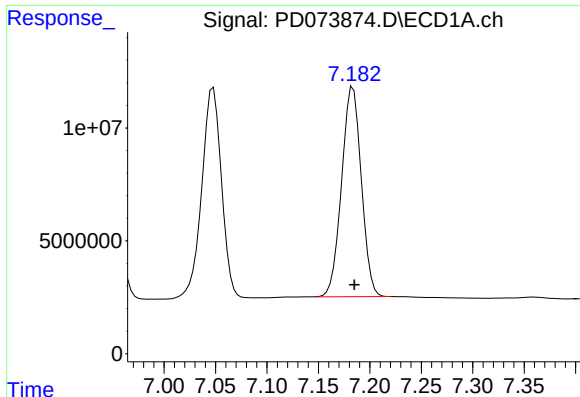
R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 54483651
Conc: 52.89 ng/ml

#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 95624931
Conc: 44.08 ng/ml

#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 45119099
Conc: 51.16 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 124017283
Conc: 46.32 ng/ml

Instrument :

ECD_D

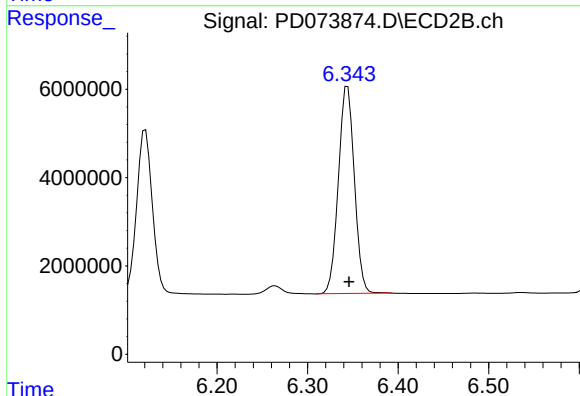
ClientSampleId :

PSTDCCC050

Manual Integrations

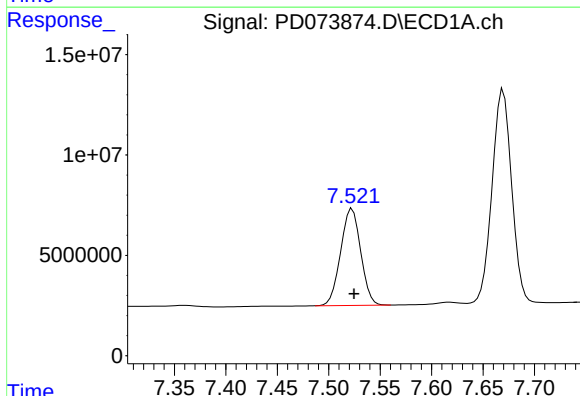
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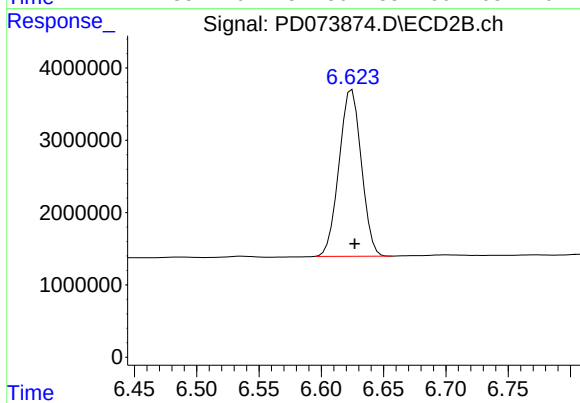
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 57593050
Conc: 51.16 ng/ml



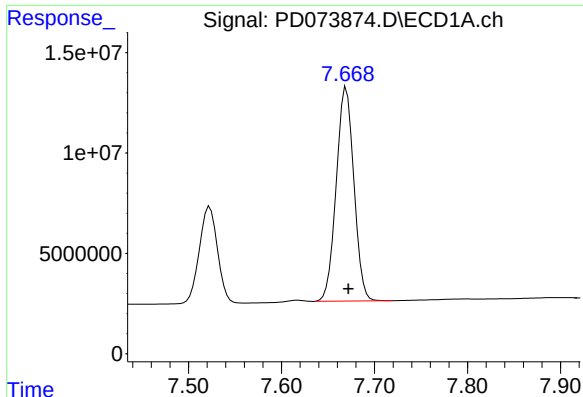
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 65633058
Conc: 42.37 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 28785632
Conc: 55.00 ng/ml



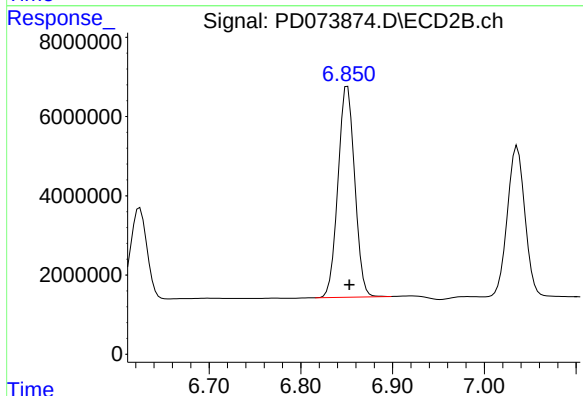
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: -0.002 min
Response: 140709681
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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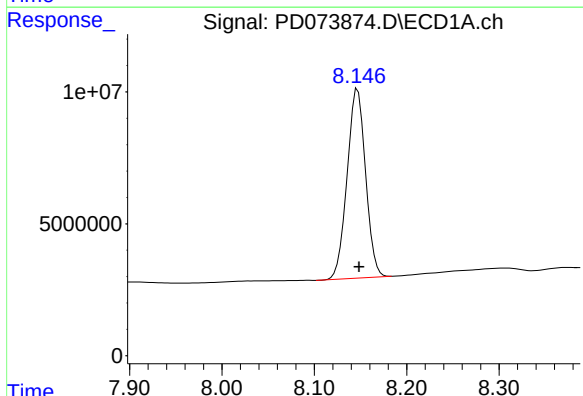
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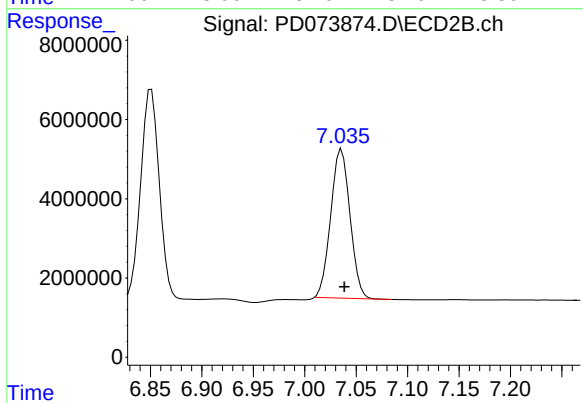
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 67350935
Conc: 52.57 ng/ml



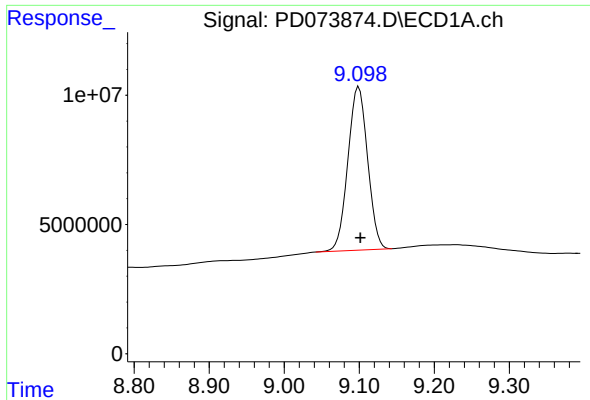
#22 Mirex

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 99590074
Conc: 43.34 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 48927191
Conc: 46.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: -0.002 min
Response: 115287924
Conc: 40.91 ng/ml

Instrument :

ECD_D

ClientSampleId :

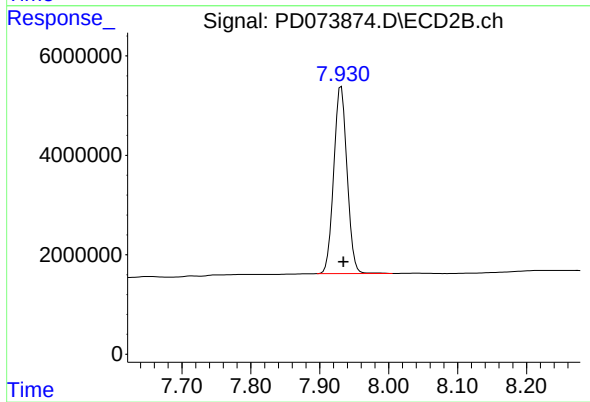
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/08/2023

Supervised By :Ankita Jodhani 02/08/2023



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 50526080
Conc: 43.43 ng/ml