

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2023 01:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2023
 Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:57:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.540	2.758	152.1E6	108.2E6	52.684	52.956
28)	SA Decachlor...	9.077	7.892	180.3E6	107.2E6	48.612	47.223
Target Compounds							
2)	A alpha-BHC	3.997	3.258	261.7E6	162.5E6	53.891	54.221
3)	MA gamma-BHC...	4.330	3.588	251.6E6	156.9E6	53.783	54.156
4)	MA Heptachlor	4.920	3.926	241.0E6	152.4E6	51.259	51.644
5)	MB Aldrin	5.262	4.205	253.6E6	159.5E6	52.497	53.750
6)	B beta-BHC	4.527	3.885	96310760	62143110	51.855	53.769
7)	B delta-BHC	4.776	4.114	248.2E6	158.1E6	55.110	55.247
8)	B Heptachlo...	5.690	4.708	216.6E6	141.9E6	51.576	52.489
9)	A Endosulfan I	6.077	5.078	198.5E6	125.7E6	50.814	49.976
10)	B gamma-Chl...	5.946	4.958	216.3E6	140.6E6	51.521	52.316
11)	B alpha-Chl...	6.025	5.022	214.5E6	138.6E6	50.917	51.628
12)	B 4,4'-DDE	6.198	5.210	204.2E6	136.2E6	51.027	53.539
13)	MA Dieldrin	6.352	5.342	211.3E6	142.3E6	50.365	50.974
14)	MA Endrin	6.583	5.618	162.0E6	122.6E6	48.240	49.557
15)	B Endosulfa...	6.803	5.912	174.2E6	121.3E6	48.386	50.952
16)	A 4,4'-DDD	6.717	5.765	156.9E6	111.6E6	52.722	56.422
17)	MA 4,4'-DDT	7.031	6.015	146.7E6	103.6E6	49.556	50.898
18)	B Endrin al...	6.932	6.092	133.5E6	93941101	49.964m	50.673
19)	B Endosulfa...	7.168	6.314	158.0E6	111.9E6	49.187	50.454
20)	A Methoxychlor	7.508	6.590	80037027	54135737	47.957	49.619
21)	B Endrin ke...	7.655	6.821	184.0E6	135.1E6	51.209	51.476
22)	Mirex	8.129	7.001	132.3E6	98515256	49.540	48.344

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

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Data File : PD078646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2023 01:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

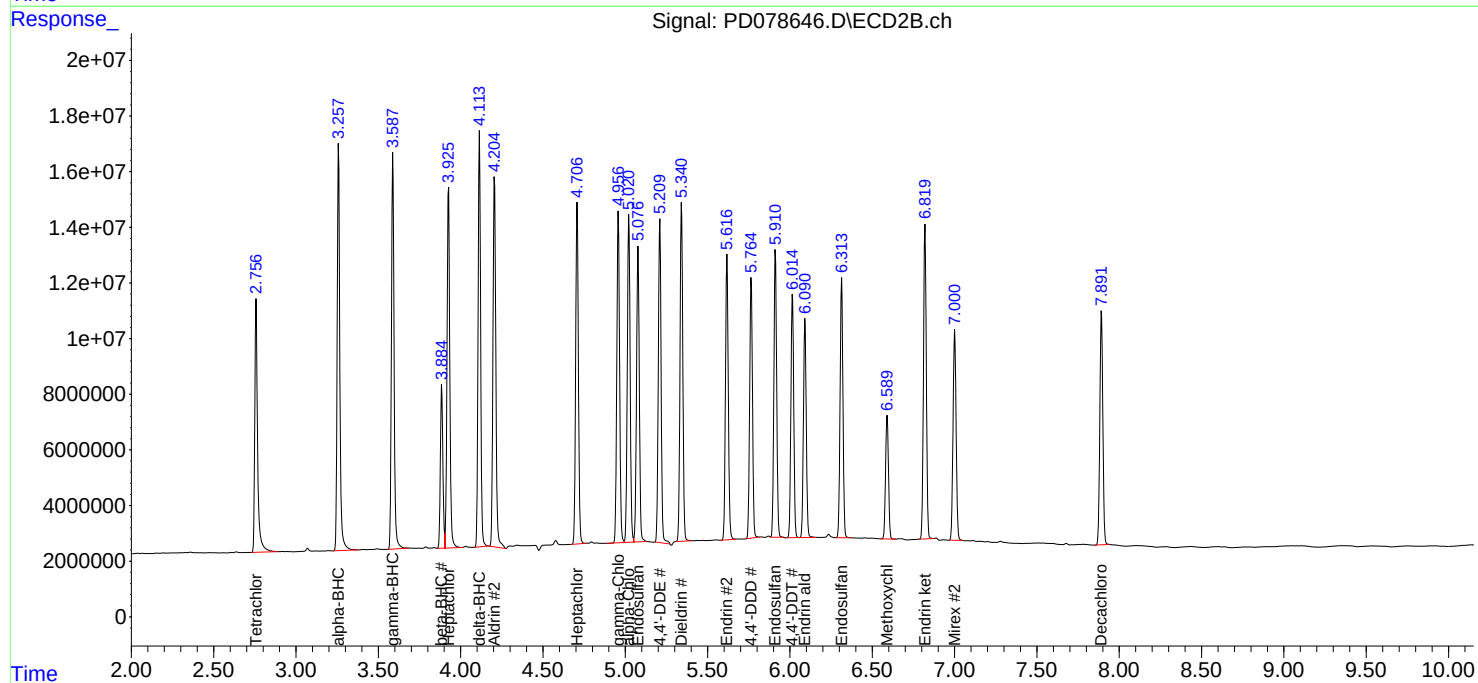
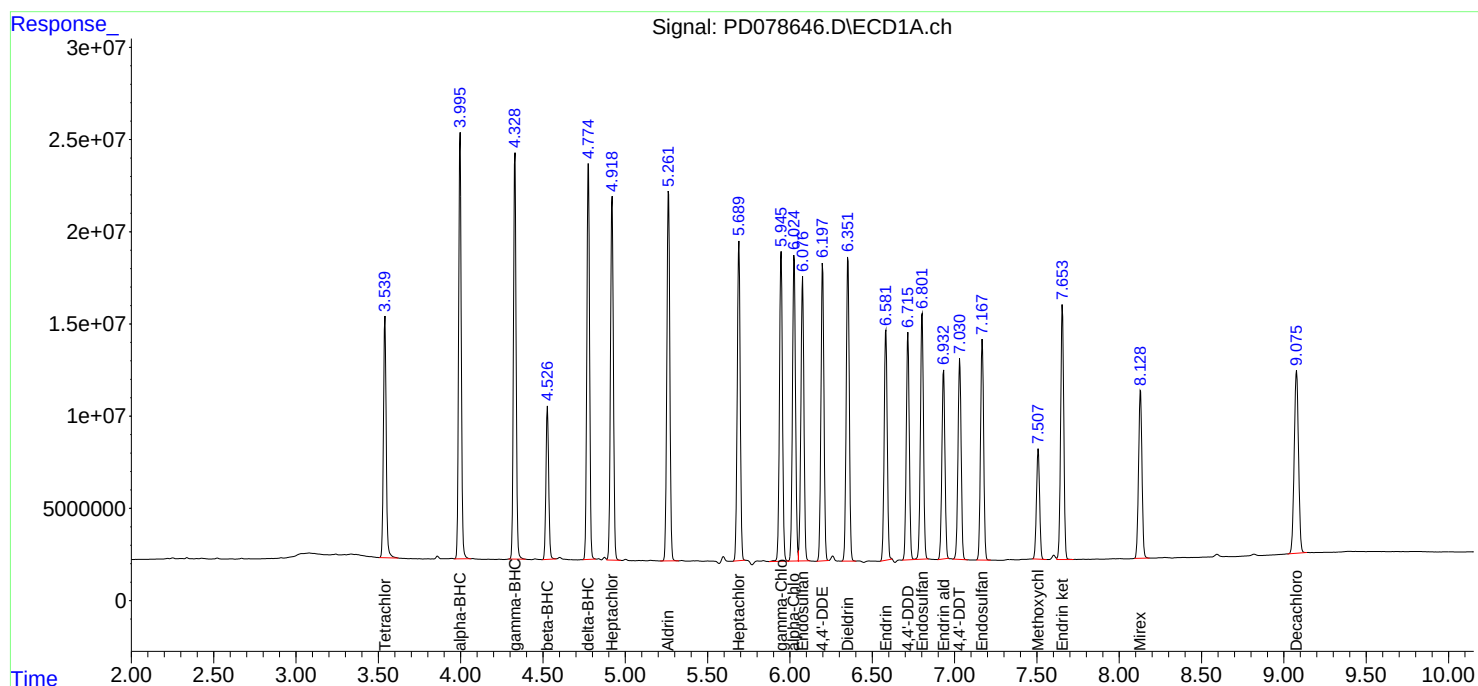
Instrument :
ECD_D
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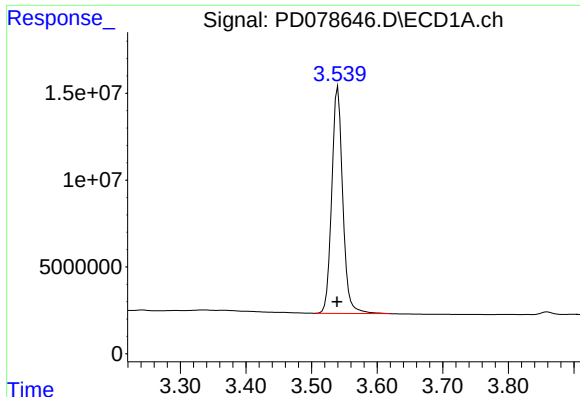
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Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:57:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





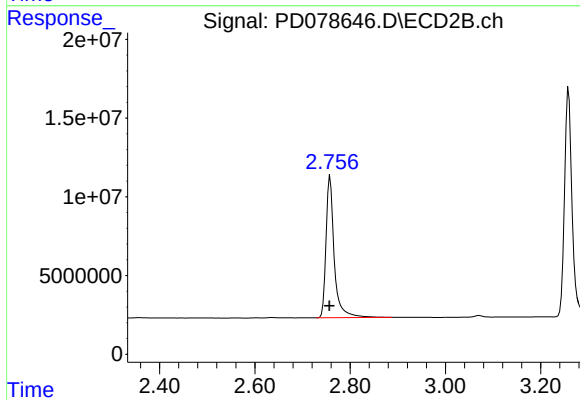
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.001 min
Response: 152086557
Conc: 52.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

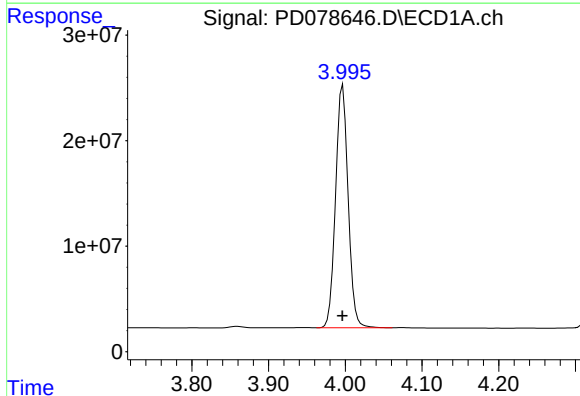
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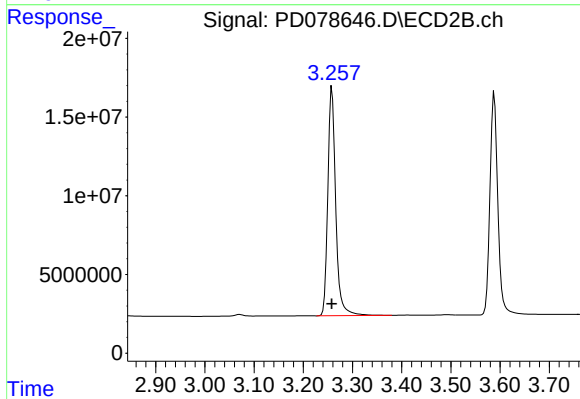
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 108155730
Conc: 52.96 ng/ml



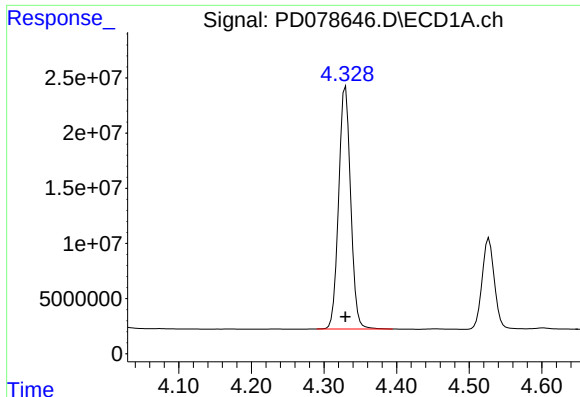
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 261712117
Conc: 53.89 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 162528509
Conc: 54.22 ng/ml



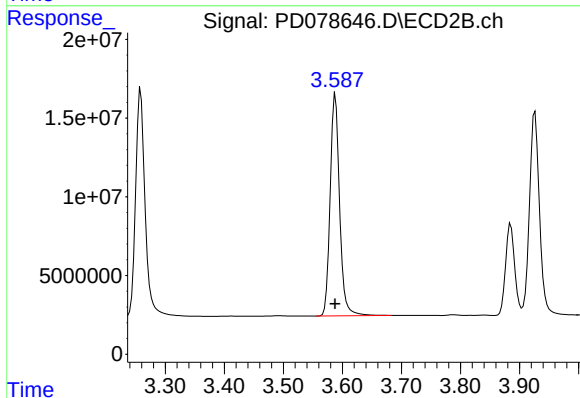
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 251602880
Conc: 53.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

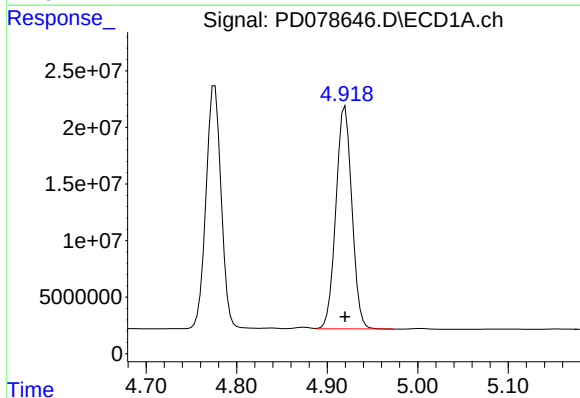
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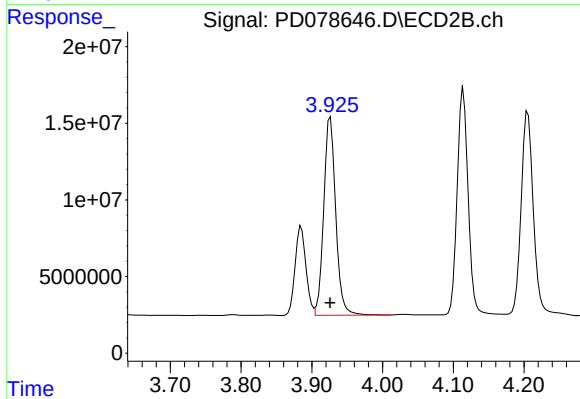
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 156900298
Conc: 54.16 ng/ml



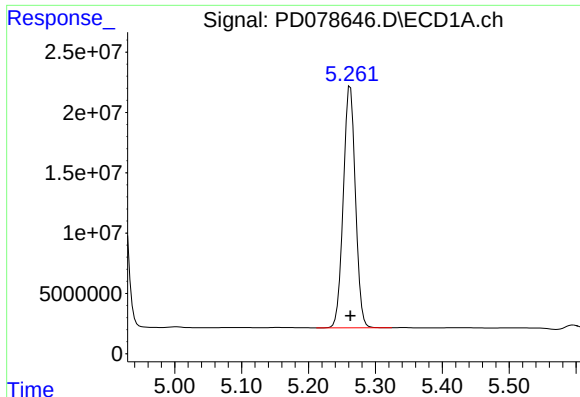
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 240991670
Conc: 51.26 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 152374285
Conc: 51.64 ng/ml



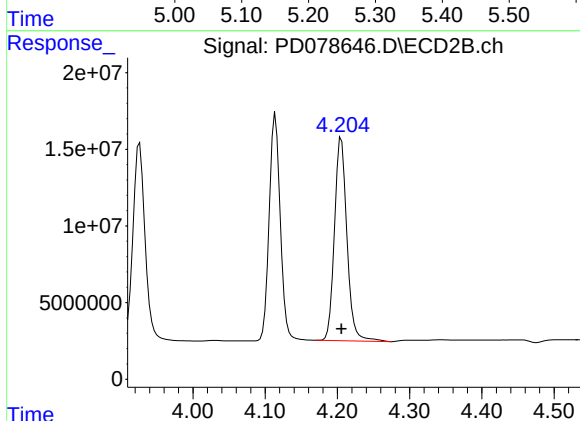
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 253617086
Conc: 52.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

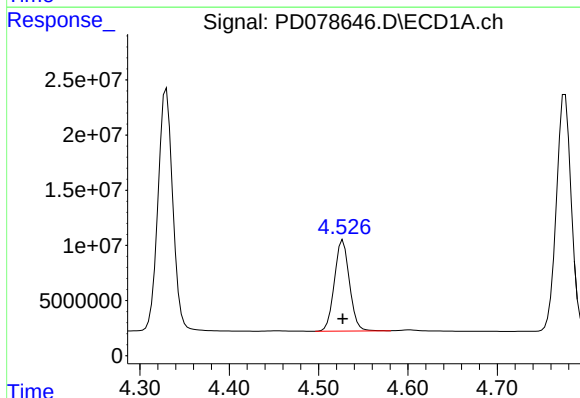
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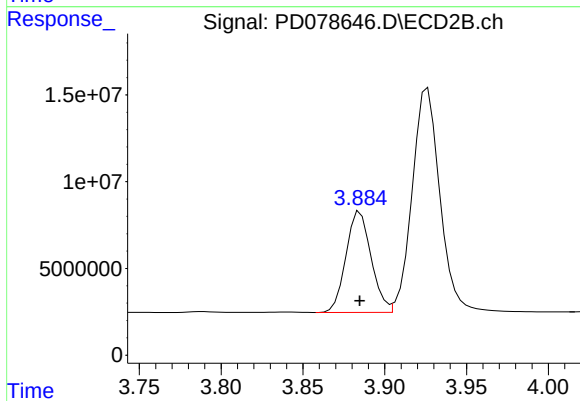
#5 Aldrin

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 159471657
Conc: 53.75 ng/ml



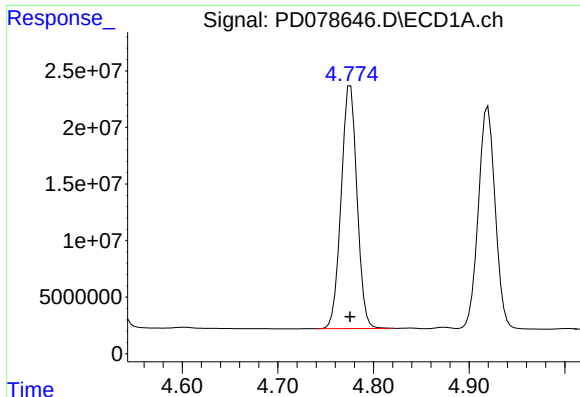
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 96310760
Conc: 51.85 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 62143110
Conc: 53.77 ng/ml



#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 248219797
Conc: 55.11 ng/ml

Instrument :

ECD_D

ClientSampleId :

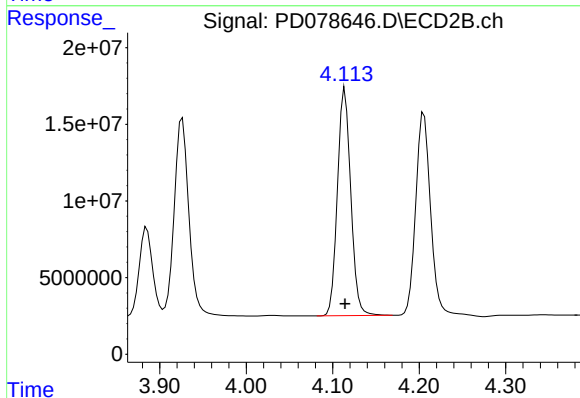
PSTDCCC050

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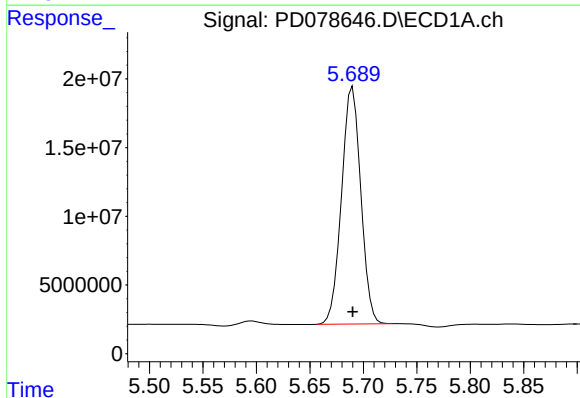
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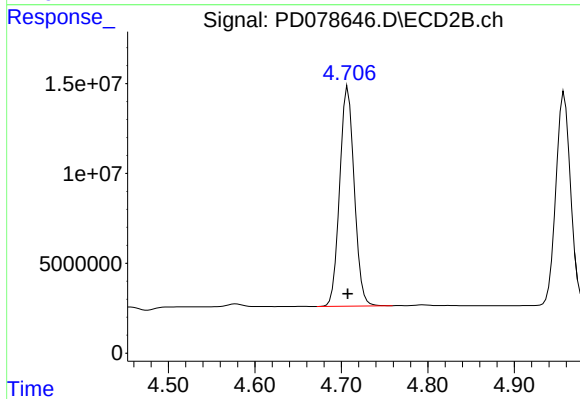
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 158073499
Conc: 55.25 ng/ml



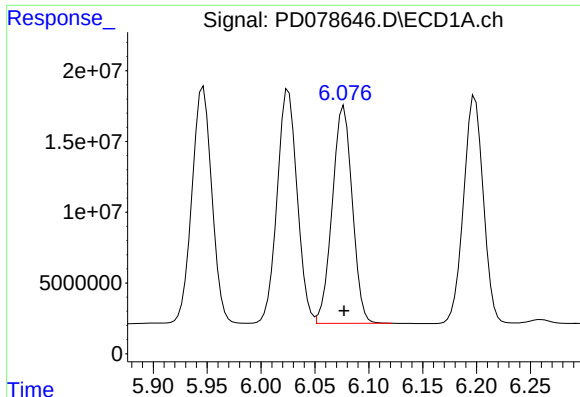
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 216621497
Conc: 51.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 141863931
Conc: 52.49 ng/ml



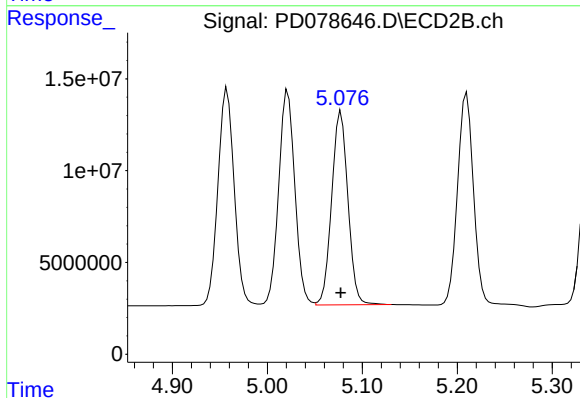
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 198522852
Conc: 50.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

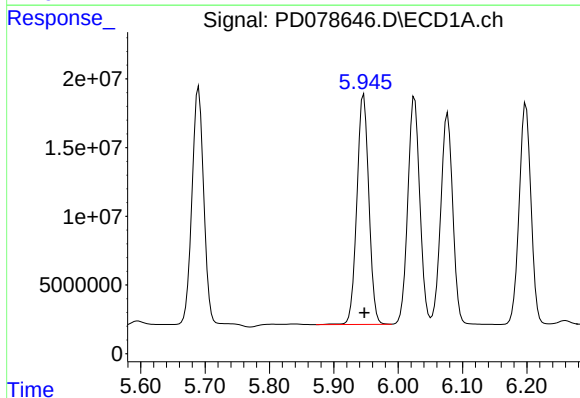
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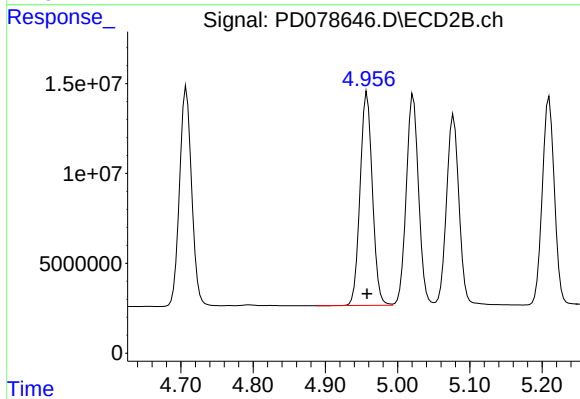
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 125673321
Conc: 49.98 ng/ml



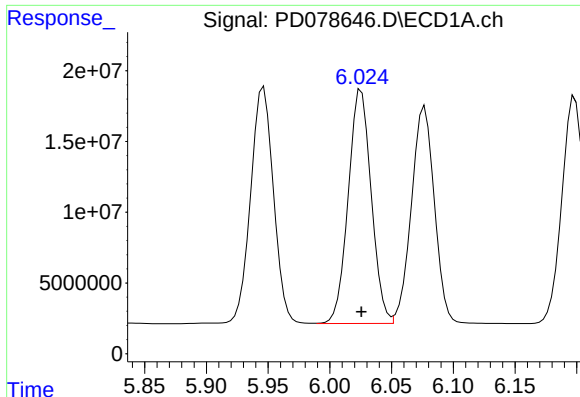
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 216344828
Conc: 51.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 140591955
Conc: 52.32 ng/ml



#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 214522667
Conc: 50.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

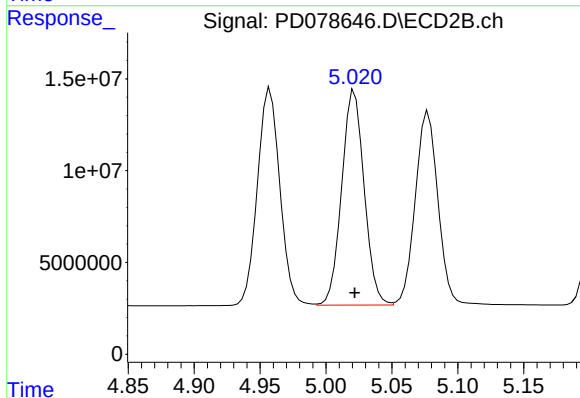
PSTDCCC050

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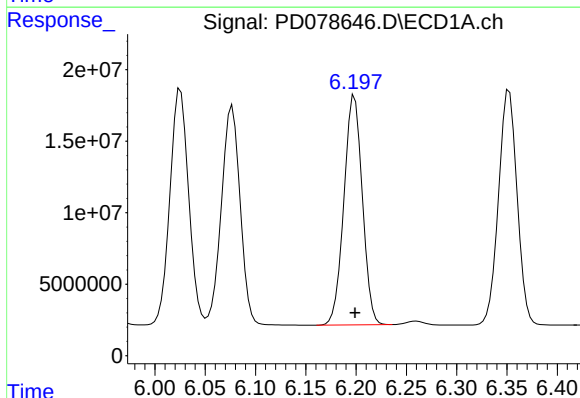
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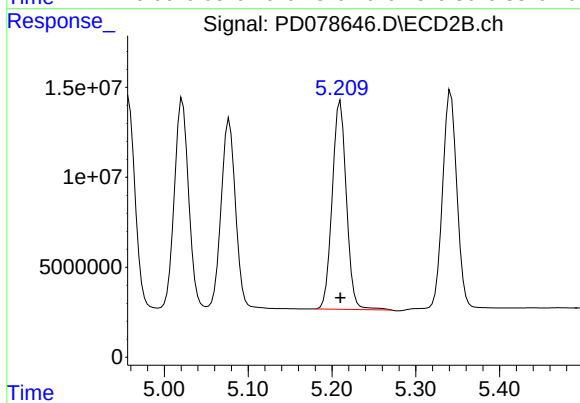
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 138630881
Conc: 51.63 ng/ml



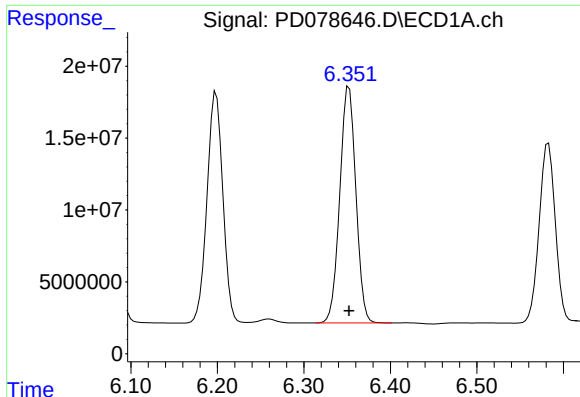
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 204239173
Conc: 51.03 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 136223489
Conc: 53.54 ng/ml



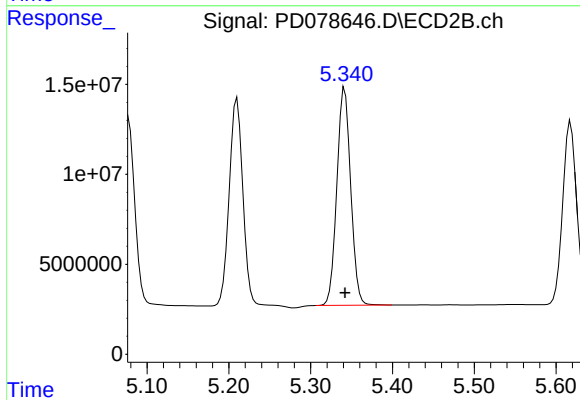
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 211294522
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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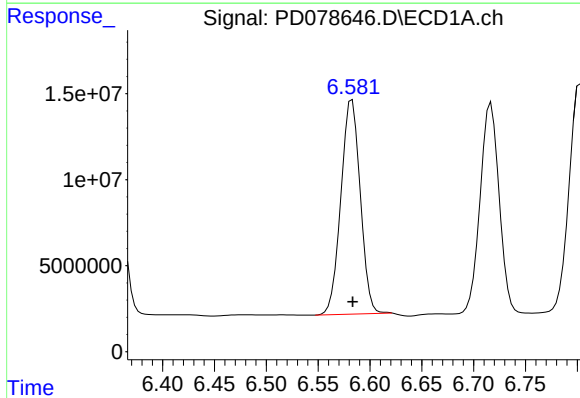
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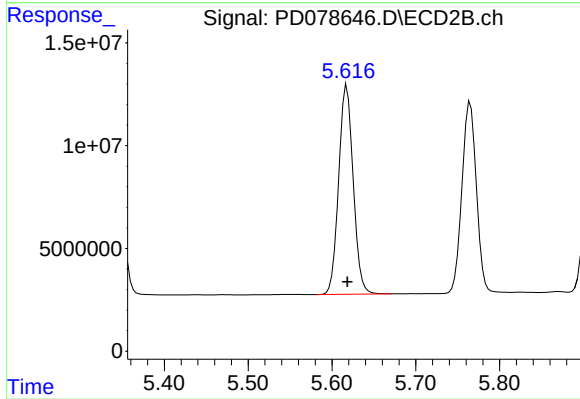
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 142302867
Conc: 50.97 ng/ml



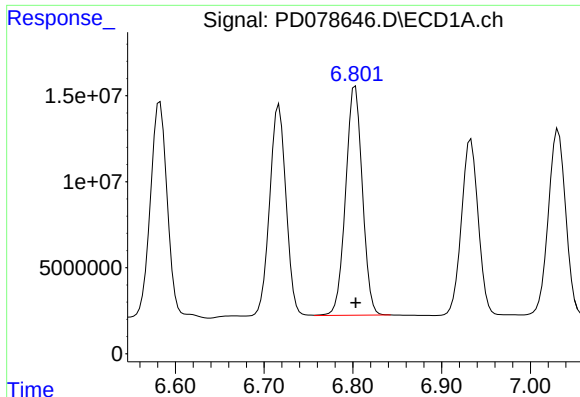
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 162006823
Conc: 48.24 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 122614965
Conc: 49.56 ng/ml



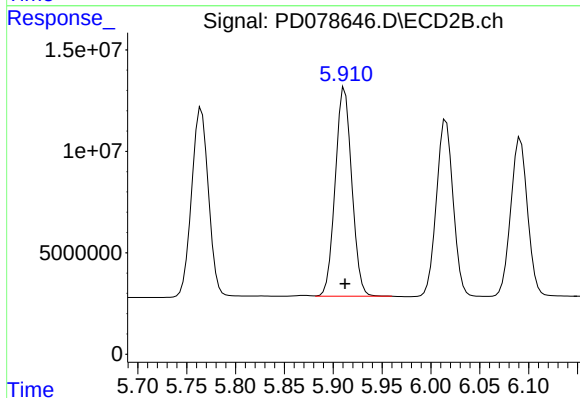
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 174159731
Conc: 48.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

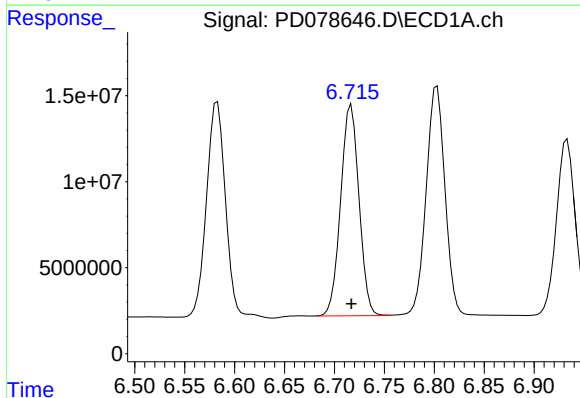
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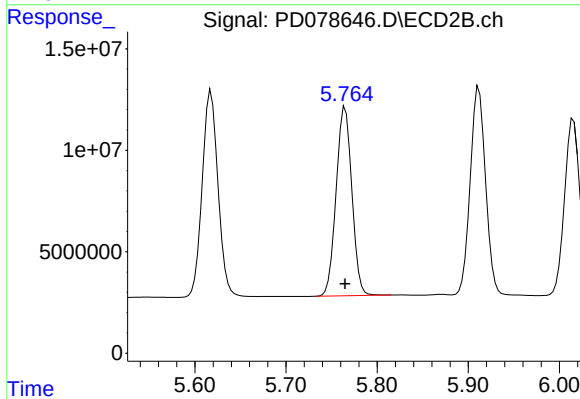
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 121296633
Conc: 50.95 ng/ml



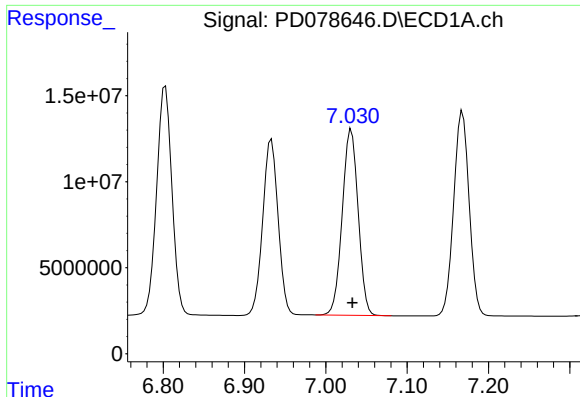
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 156879115
Conc: 52.72 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 111648341
Conc: 56.42 ng/ml



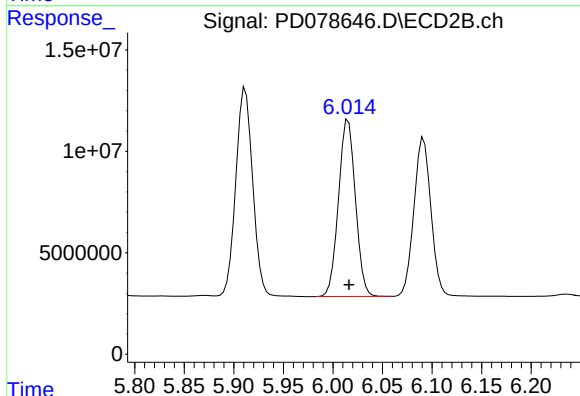
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 146652313
Conc: 49.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

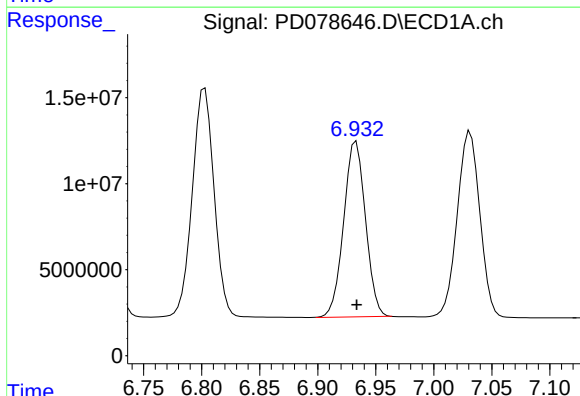
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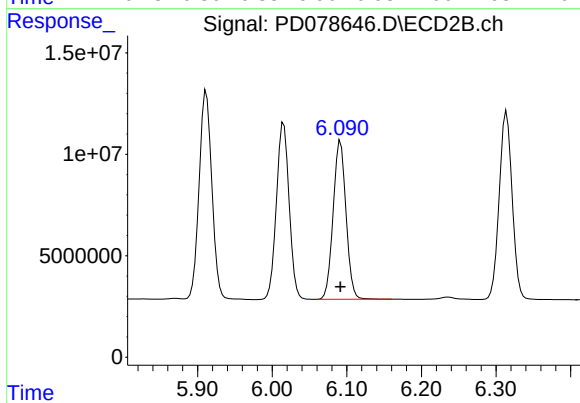
#17 4,4'-DDT

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 103602638
Conc: 50.90 ng/ml



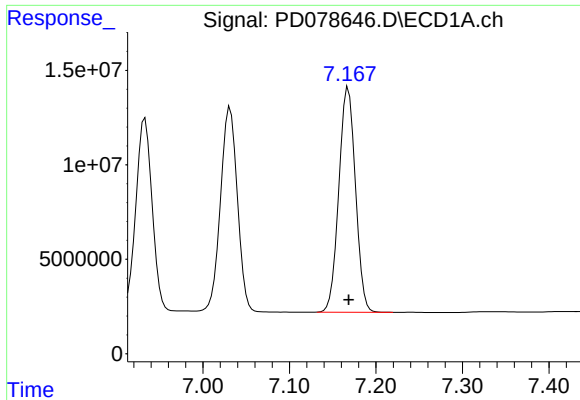
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 133482413
Conc: 49.96 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 93941101
Conc: 50.67 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 158034245
Conc: 49.19 ng/ml

Instrument :

ECD_D

ClientSampleId :

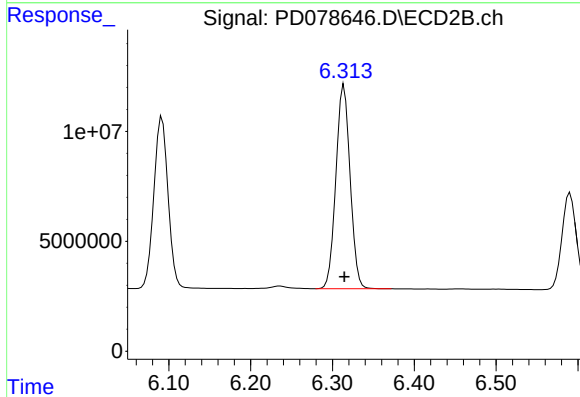
PSTDCCC050

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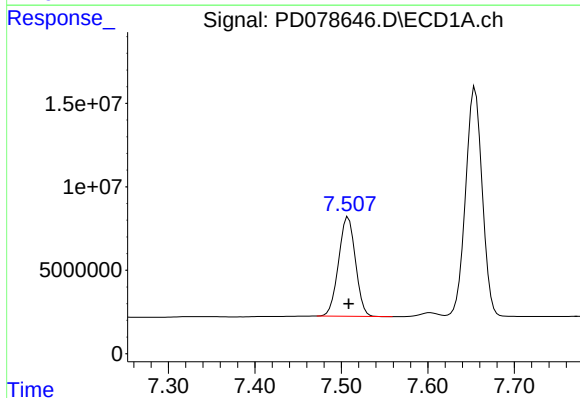
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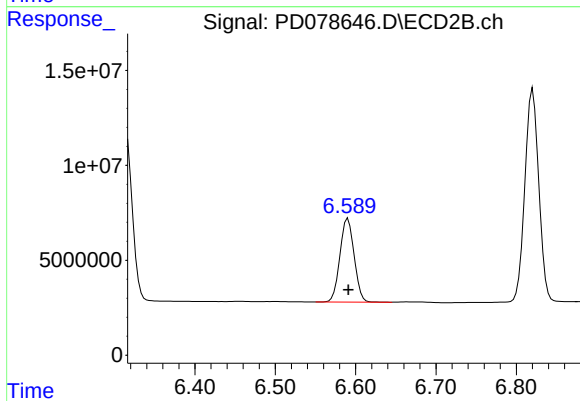
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 111934946
Conc: 50.45 ng/ml



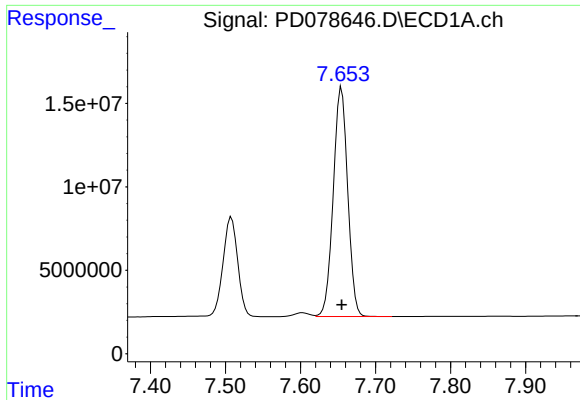
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 80037027
Conc: 47.96 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 54135737
Conc: 49.62 ng/ml



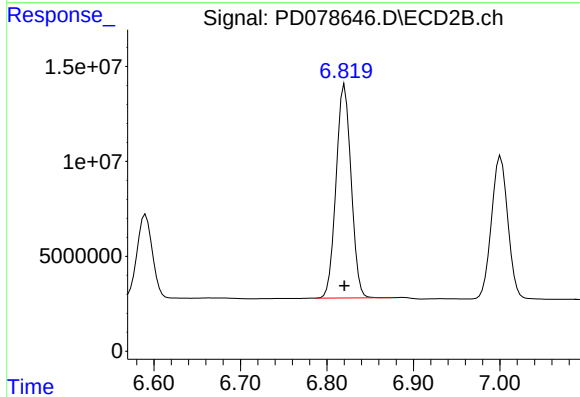
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 183988567
Conc: 51.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

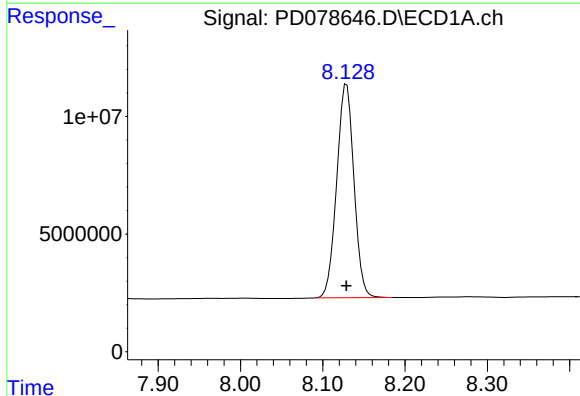
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Reviewed By :Abdul Mirza 10/04/2023
Supervised By :Ankita Jodhani 10/04/2023



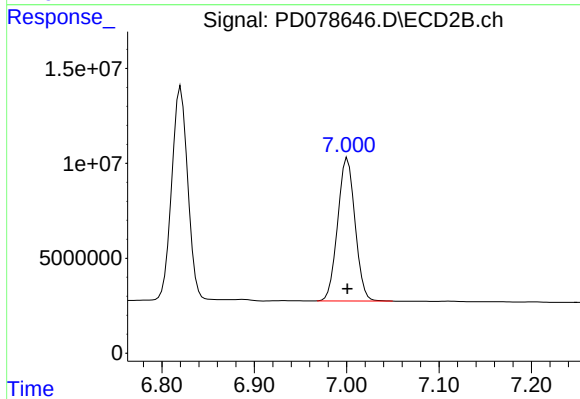
#21 Endrin ketone

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 135102587
Conc: 51.48 ng/ml



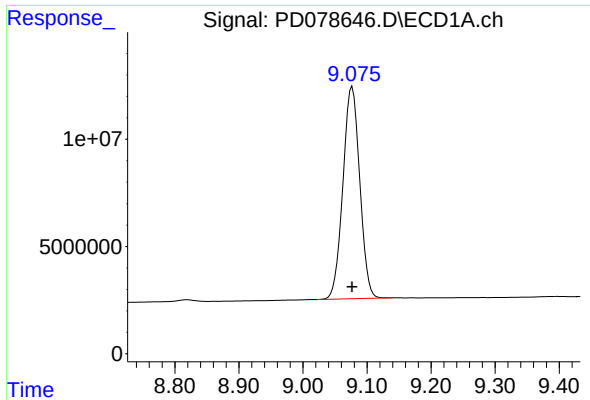
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 132321116
Conc: 49.54 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 98515256
Conc: 48.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 180280667
Conc: 48.61 ng/ml

Instrument :

ECD_D

ClientSampleId :

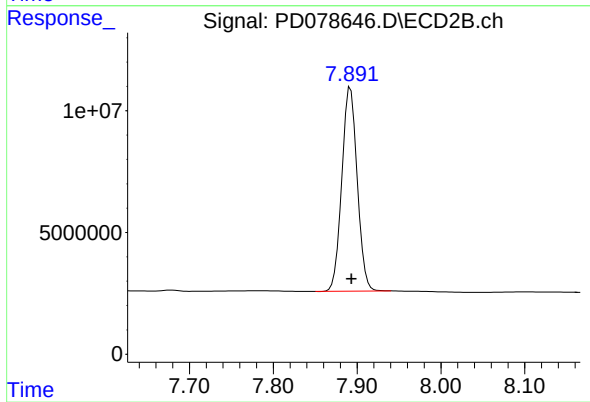
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/04/2023

Supervised By :Ankita Jodhani 10/04/2023



#28 Decachlorobiphenyl

R.T.: 7.892 min
Delta R.T.: -0.001 min
Response: 107155811
Conc: 47.22 ng/ml