

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070723\
 Data File : PD076370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 14:55
 Operator : AR\AJ
 Sample : PB153985BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153985BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/07/2023
 Supervised By : Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 21:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 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...	3.552	2.766	71491857	35170351	21.820	22.140
28)	SA Decachlor...	9.095	7.912	84816115	33680973	23.855	26.762
Target Compounds							
2)	A alpha-BHC	4.008	3.268	252.5E6	102.8E6	43.593	42.646
3)	MA gamma-BHC...	4.342	3.598	240.2E6	98768337	45.878	44.364
4)	MA Heptachlor	4.933	3.938	238.4E6	95704855	43.354	42.133
5)	MB Aldrin	5.276	4.218	243.2E6	95847265	45.489	43.246
6)	B beta-BHC	4.538	3.895	93875710	39340915	44.787	44.238
7)	B delta-BHC	4.787	4.125	237.7E6	95850021	46.241	45.585
8)	B Heptachlo...	5.703	4.721	214.4E6	87314130	44.493	43.673
9)	A Endosulfan I	6.090	5.091	200.5E6	81109169	44.947	43.312
10)	B gamma-Chl...	5.960	4.971	218.3E6	86608178	44.884	43.496
11)	B alpha-Chl...	6.039	5.036	216.4E6	86392925	45.044	43.475
12)	B 4,4'-DDE	6.212	5.224	199.6E6	75235346	47.030	48.948
13)	MA Dieldrin	6.366	5.356	218.0E6	88327779	46.604	44.844
14)	MA Endrin	6.596	5.632	174.8E6	76374816	43.899	43.270
15)	B Endosulfa...	6.816	5.926	177.8E6	73414924	47.873	47.313
16)	A 4,4'-DDD	6.730	5.780	164.3E6	63246126	48.910	52.330
17)	MA 4,4'-DDT	7.045	6.031	162.1E6	61949619	46.095	51.186
18)	B Endrin al...	6.944	6.106	141.4E6	60086386	51.588m	52.577
19)	B Endosulfa...	7.181	6.329	168.8E6	71738419	45.673	47.214
20)	A Methoxychlor	7.521	6.607	86741074	33419967	45.384	52.333
21)	B Endrin ke...	7.668	6.836	200.0E6	85982184	47.913	49.193
22)	Mirex	8.142	7.018	138.5E6	64367196	43.820	43.425

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

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Data File : PD076370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 14:55
Operator : AR\AJ
Sample : PB153985BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

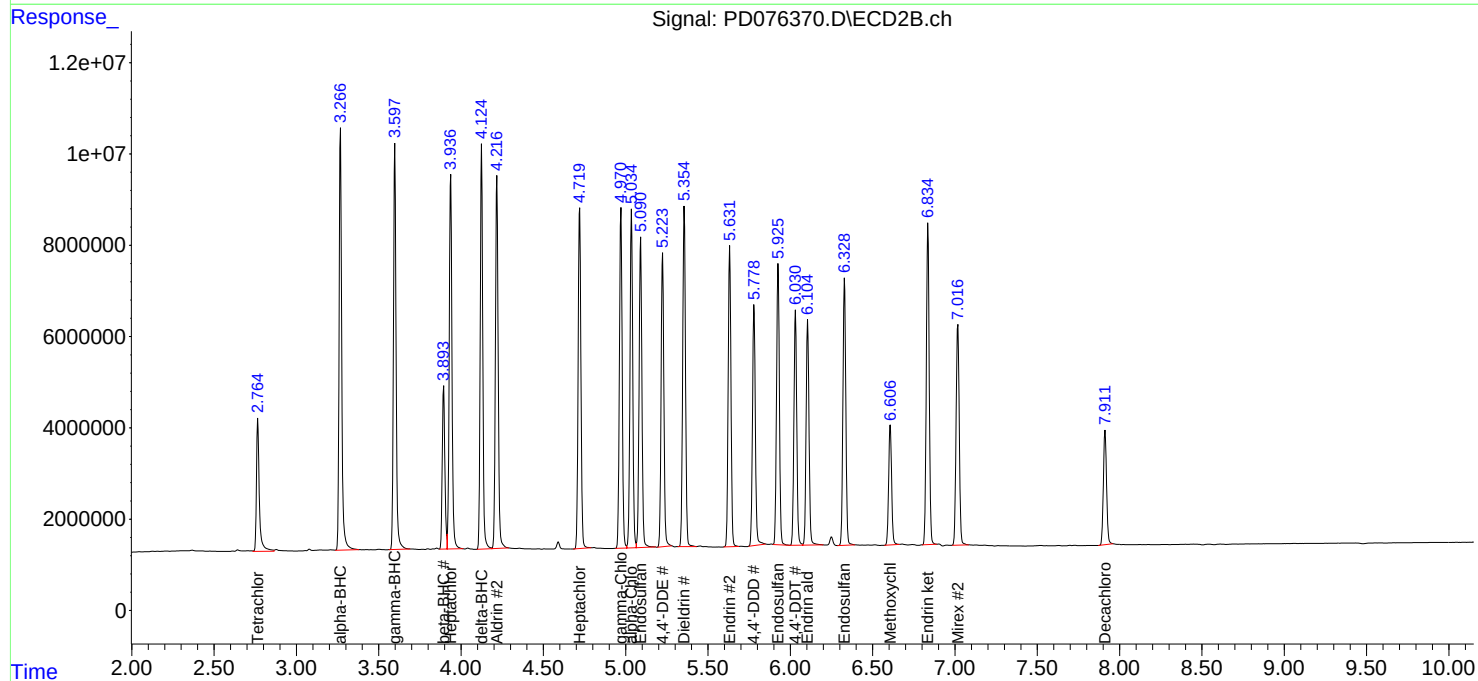
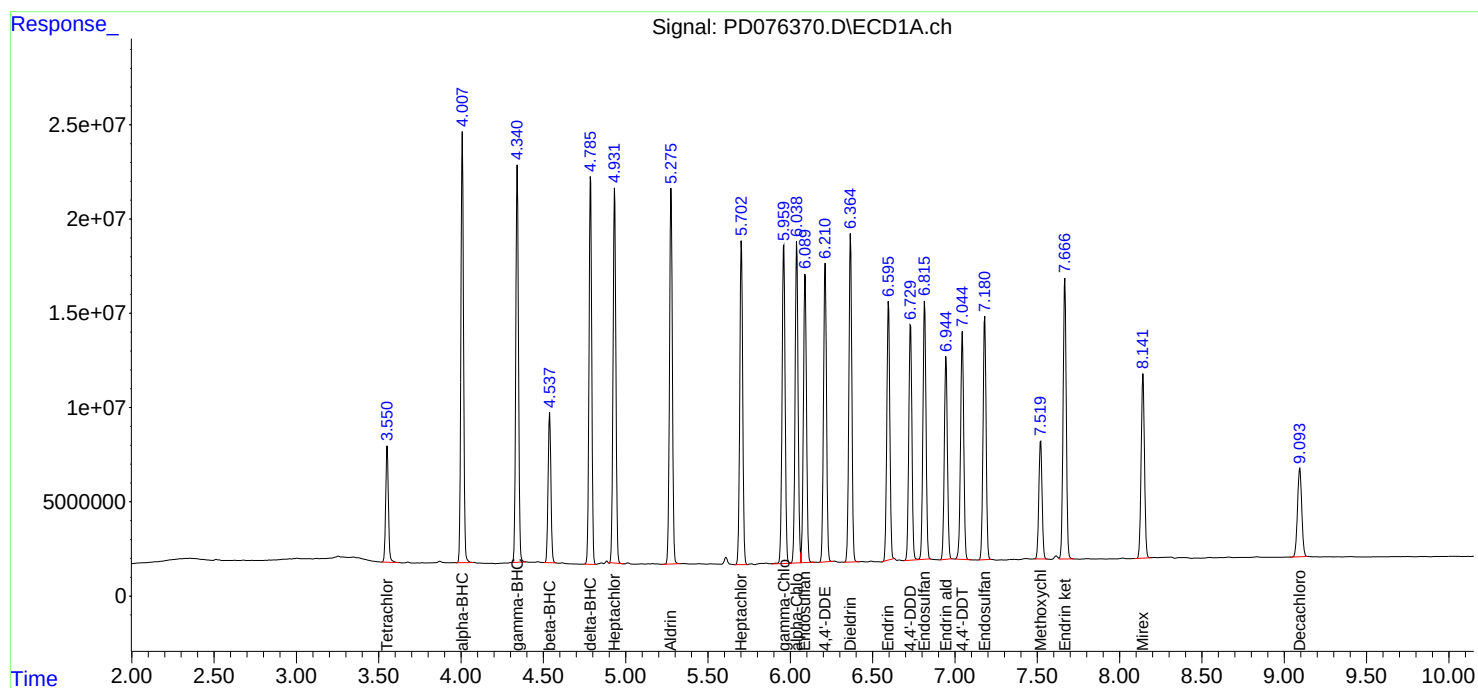
Instrument :
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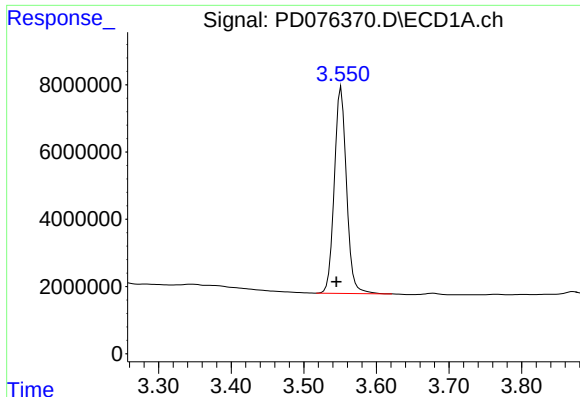
Manual Integrations
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Reviewed By :Abdul Mirza 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:33:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 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.: 3.552 min
Delta R.T.: 0.007 min
Response: 71491857
Conc: 21.82 ng/ml

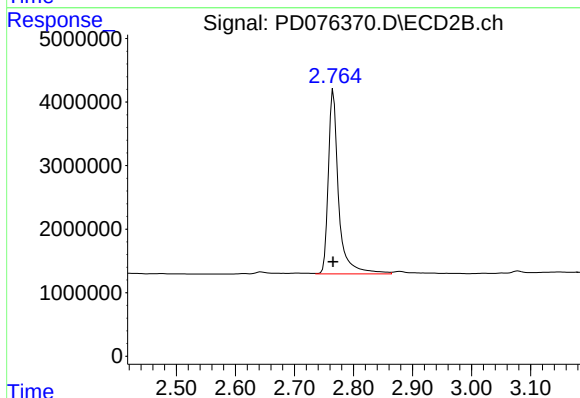
Instrument :

ECD_D

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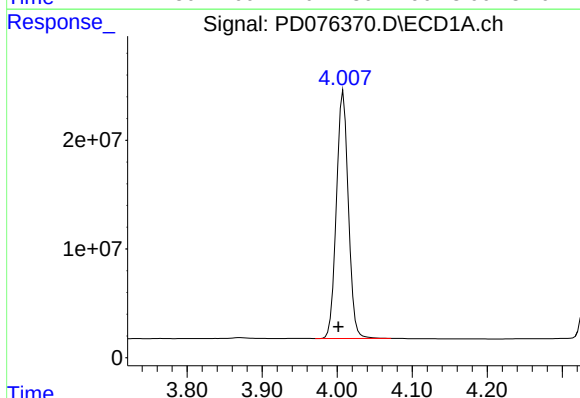
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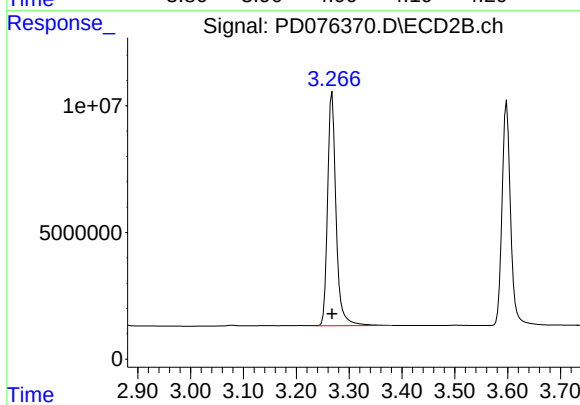
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 35170351
Conc: 22.14 ng/ml



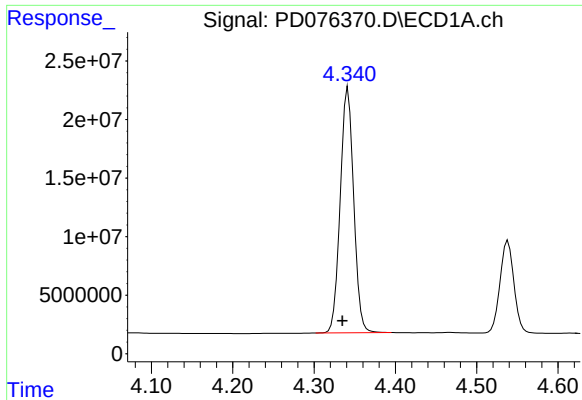
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.007 min
Response: 252492361
Conc: 43.59 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 102752172
Conc: 42.65 ng/ml



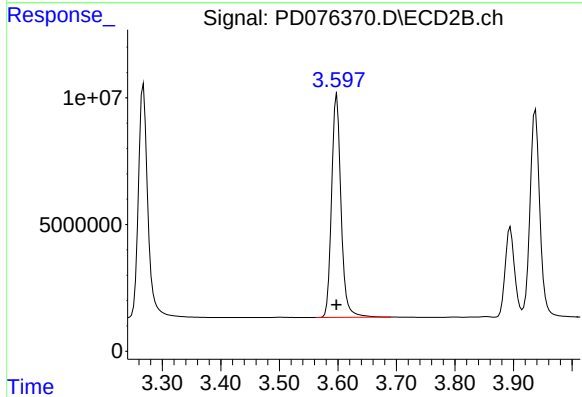
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.007 min
Response: 240195394
Conc: 45.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

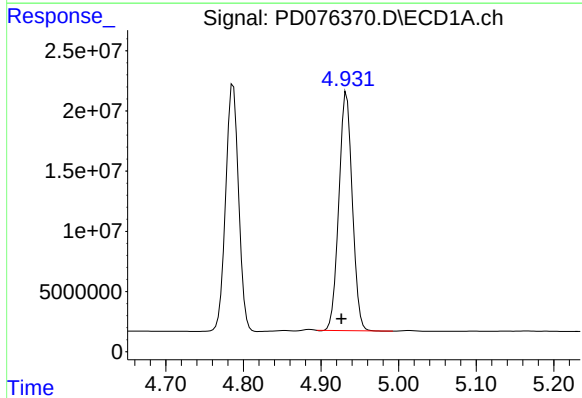
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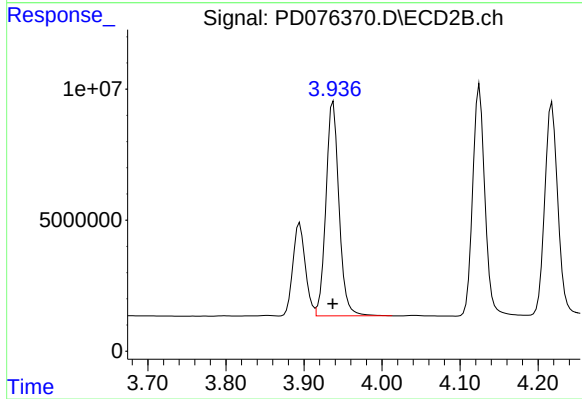
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: 0.000 min
Response: 98768337
Conc: 44.36 ng/ml



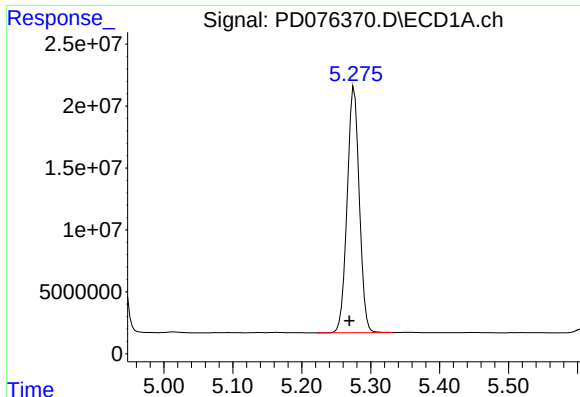
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.007 min
Response: 238449305
Conc: 43.35 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 95704855
Conc: 42.13 ng/ml



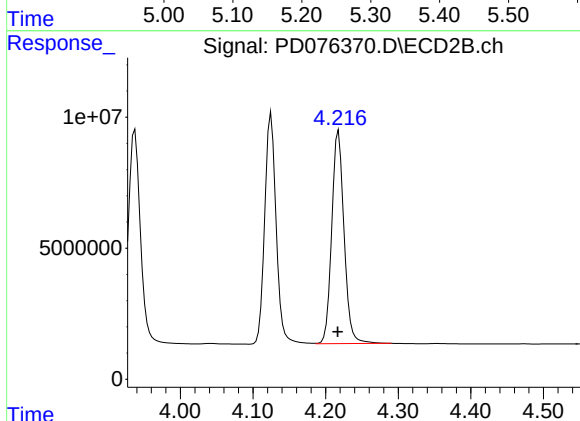
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.007 min
Response: 243200978
Conc: 45.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

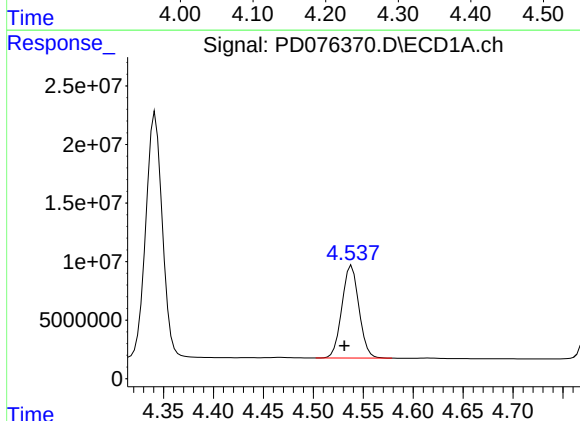
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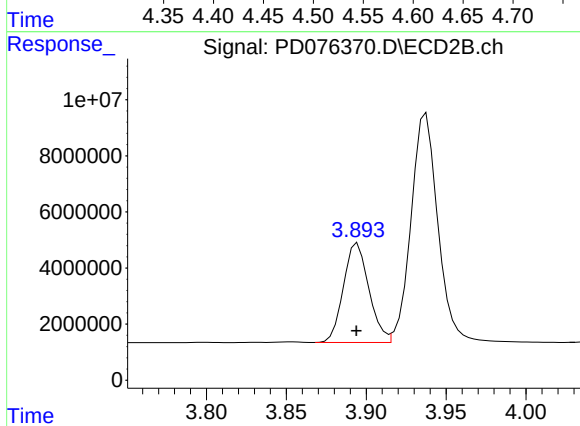
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 95847265
Conc: 43.25 ng/ml



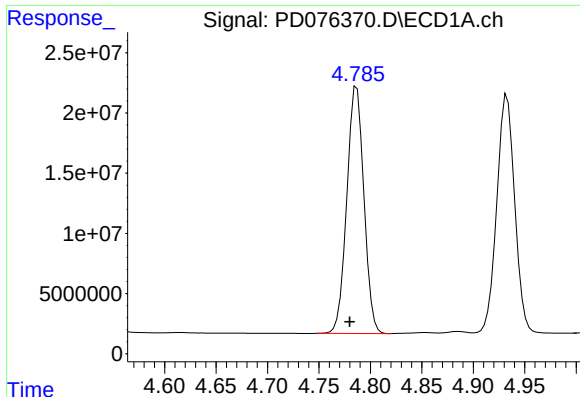
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.007 min
Response: 93875710
Conc: 44.79 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 39340915
Conc: 44.24 ng/ml



#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.007 min
Response: 237667149
Conc: 46.24 ng/ml

Instrument :

ECD_D

ClientSampleId :

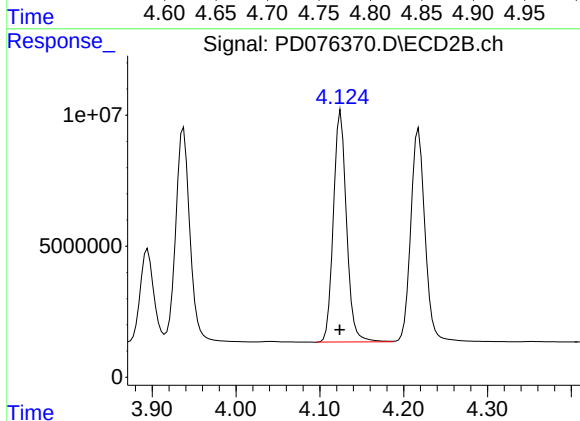
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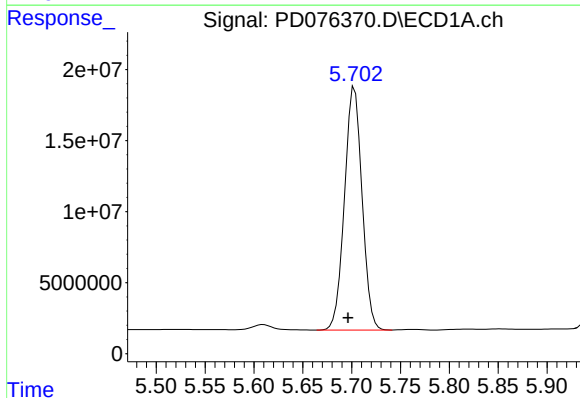
Reviewed By :Abdul Mirza 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023



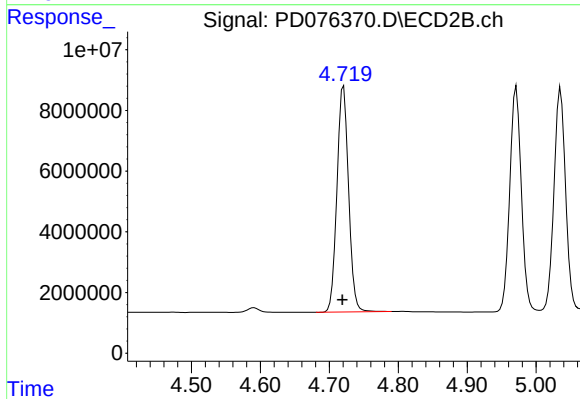
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: 0.001 min
Response: 95850021
Conc: 45.59 ng/ml



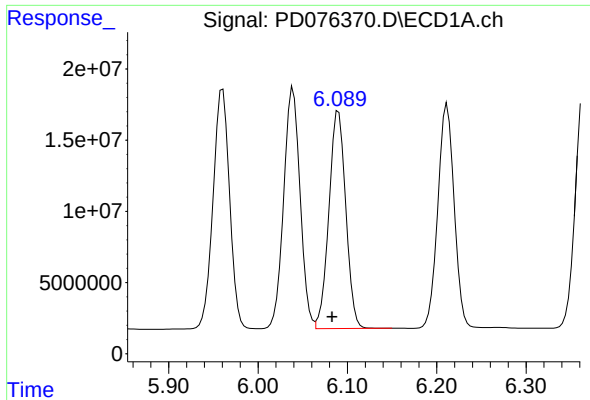
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 214379118
Conc: 44.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 87314130
Conc: 43.67 ng/ml



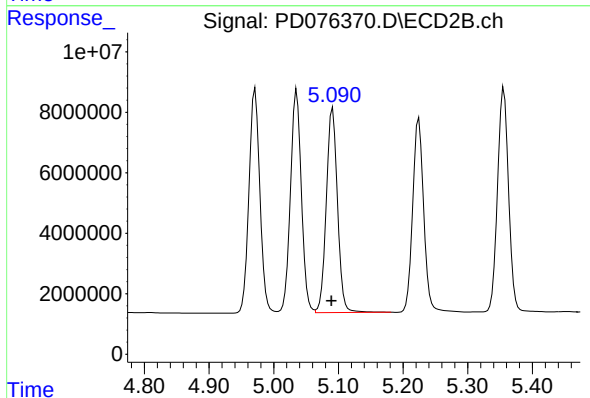
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 200510498
Conc: 44.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

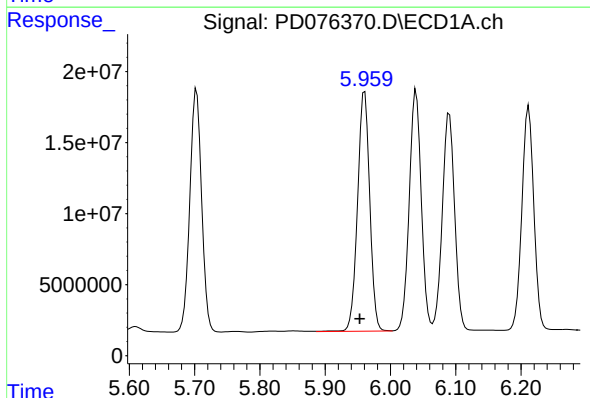
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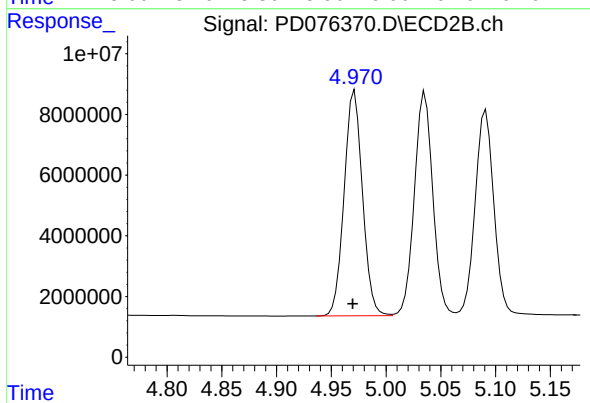
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: 0.002 min
Response: 81109169
Conc: 43.31 ng/ml



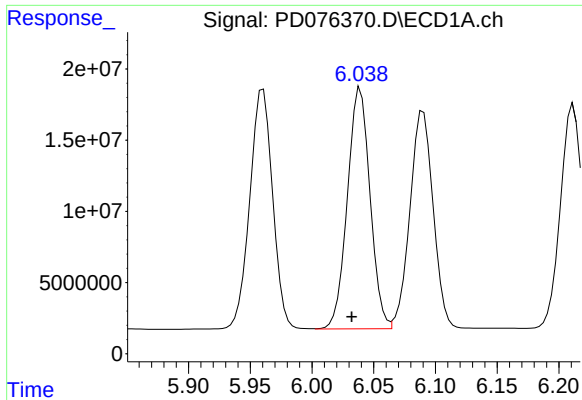
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.007 min
Response: 218273825
Conc: 44.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: 0.002 min
Response: 86608178
Conc: 43.50 ng/ml



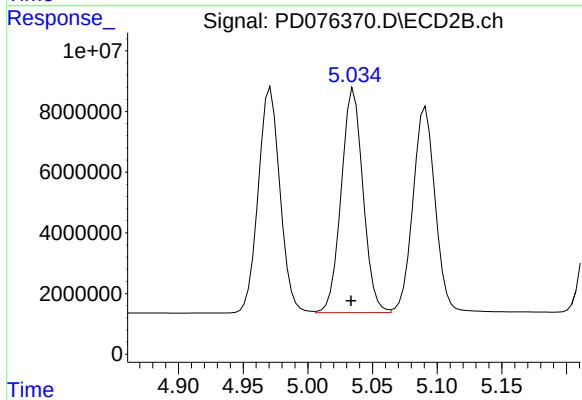
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 216400445
Conc: 45.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

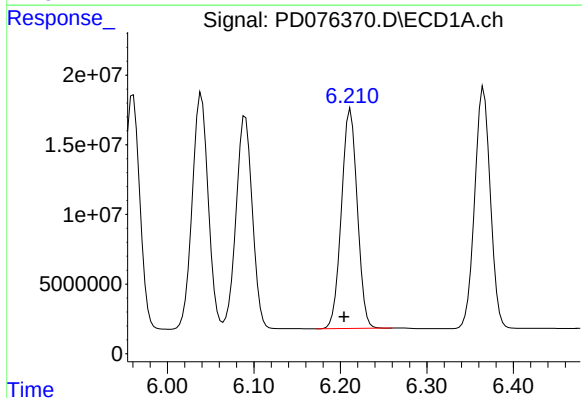
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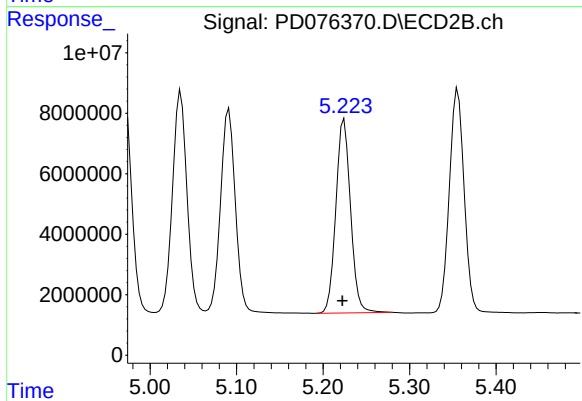
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.002 min
Response: 86392925
Conc: 43.47 ng/ml



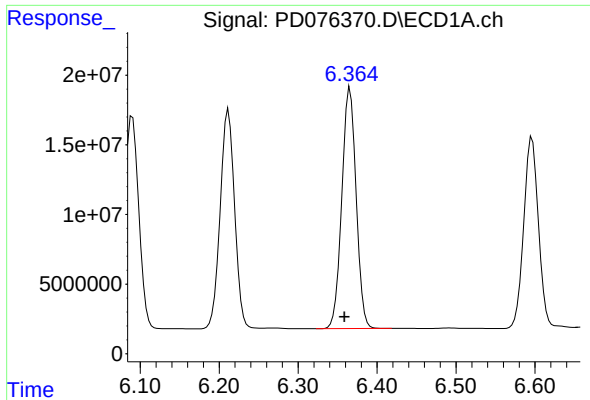
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.008 min
Response: 199632775
Conc: 47.03 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.002 min
Response: 75235346
Conc: 48.95 ng/ml



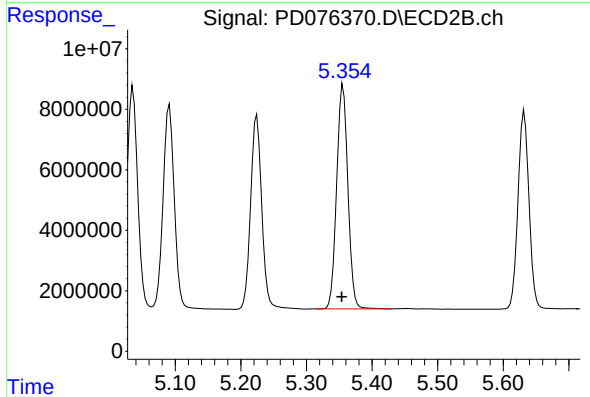
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.007 min
Response: 218016425
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

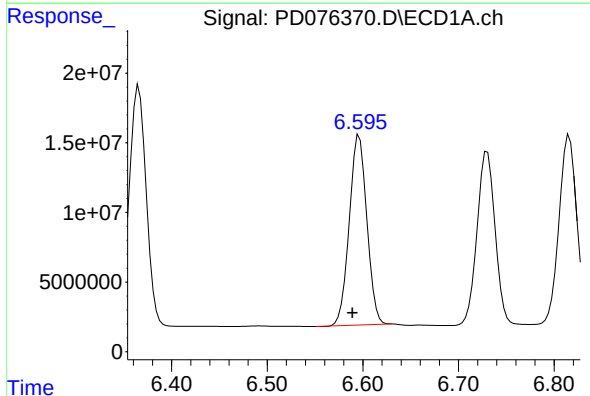
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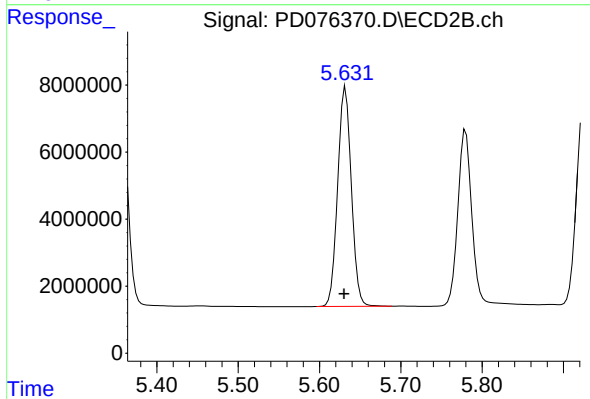
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 88327779
Conc: 44.84 ng/ml



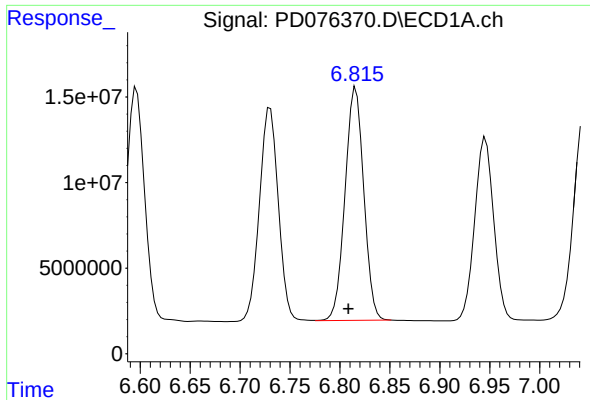
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 174775328
Conc: 43.90 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 76374816
Conc: 43.27 ng/ml



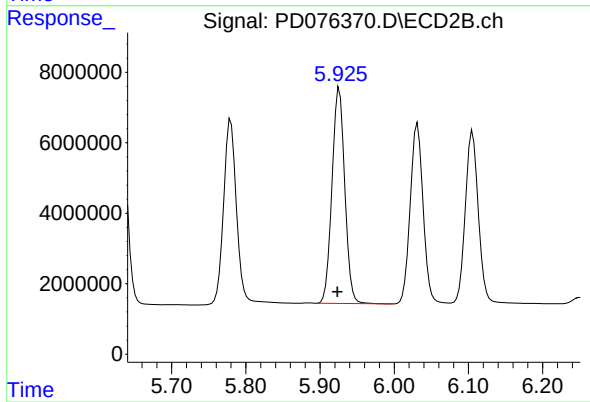
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: 0.007 min
Response: 177781658
Conc: 47.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

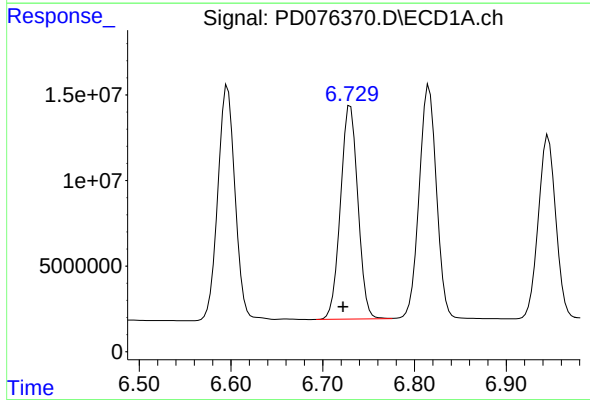
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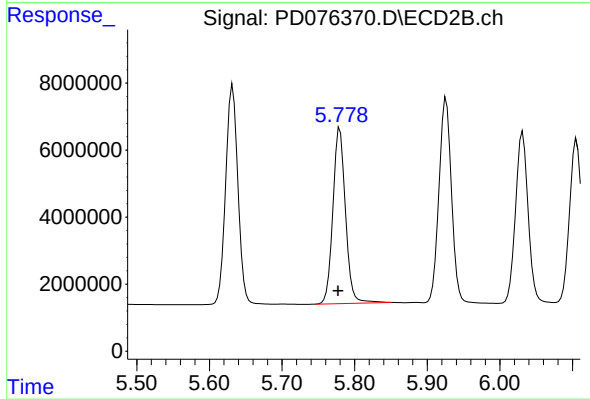
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.002 min
Response: 73414924
Conc: 47.31 ng/ml



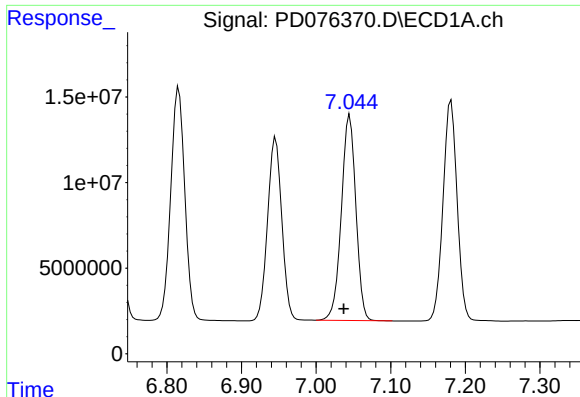
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 164320060
Conc: 48.91 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 63246126
Conc: 52.33 ng/ml



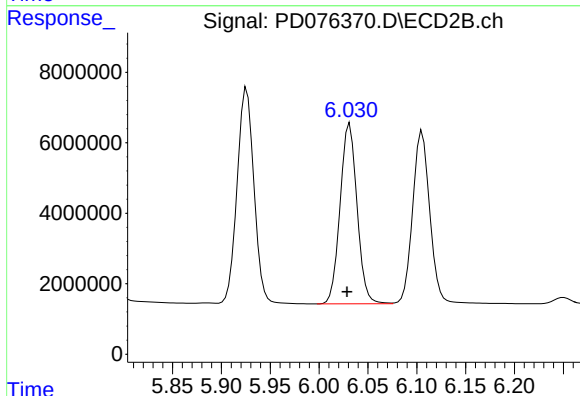
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 162071318
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

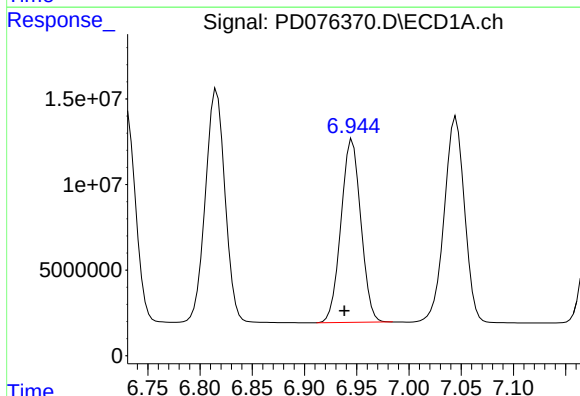
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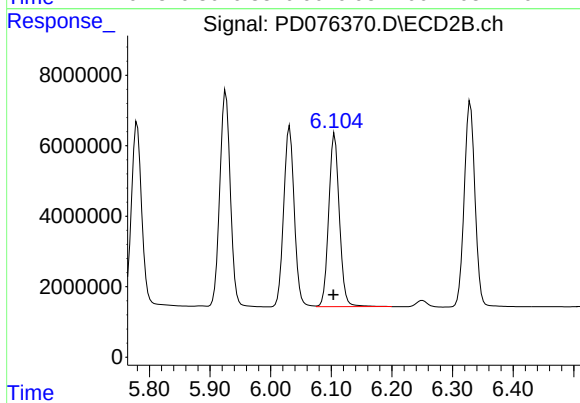
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 61949619
Conc: 51.19 ng/ml



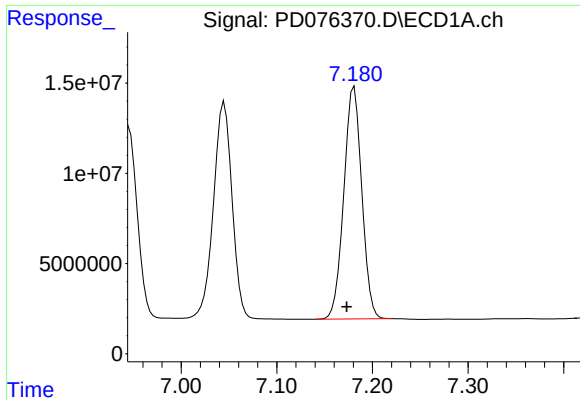
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.006 min
Response: 141399333
Conc: 51.59 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 60086386
Conc: 52.58 ng/ml



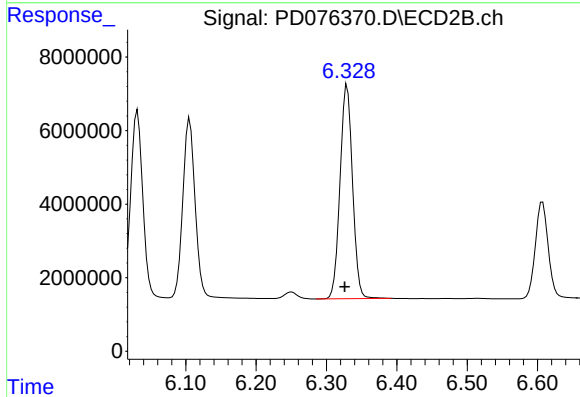
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.008 min
Response: 168755153
Conc: 45.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

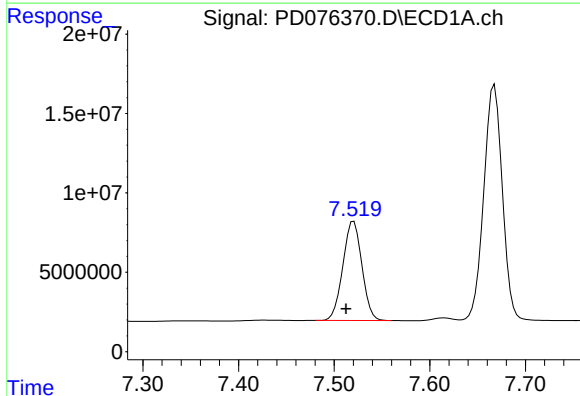
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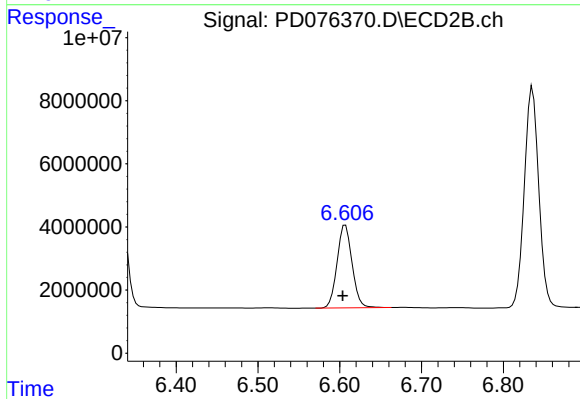
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.003 min
Response: 71738419
Conc: 47.21 ng/ml



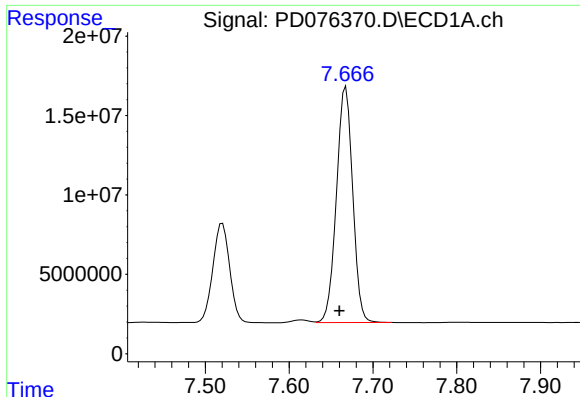
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.008 min
Response: 86741074
Conc: 45.38 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 33419967
Conc: 52.33 ng/ml



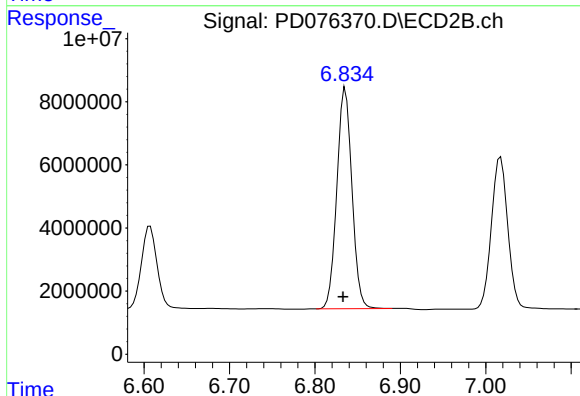
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: 0.008 min
Response: 200022272
Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

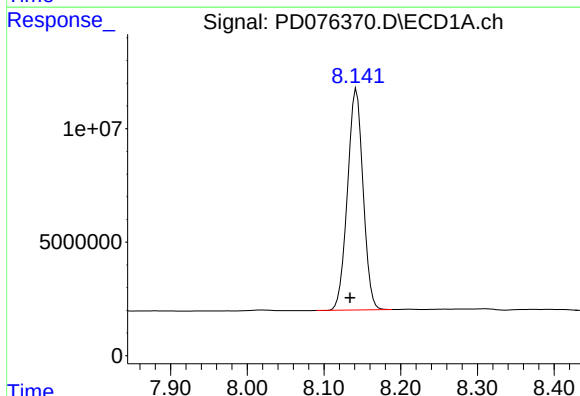
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Supervised By :Ankita Jodhani 07/07/2023



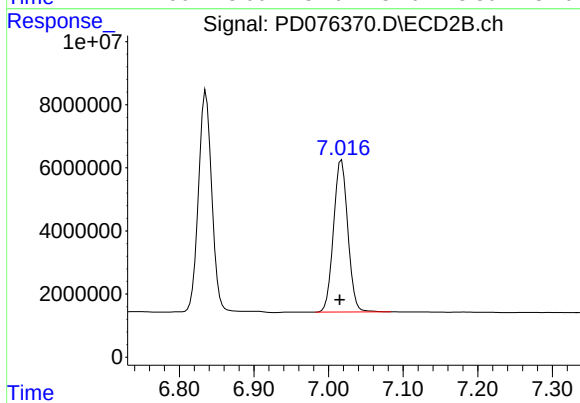
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 85982184
Conc: 49.19 ng/ml



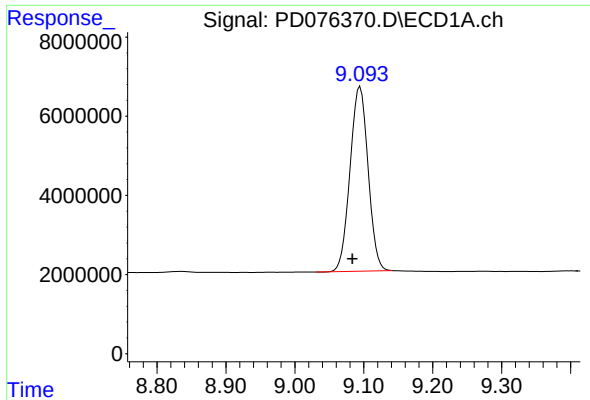
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.008 min
Response: 138460894
Conc: 43.82 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.003 min
Response: 64367196
Conc: 43.42 ng/ml



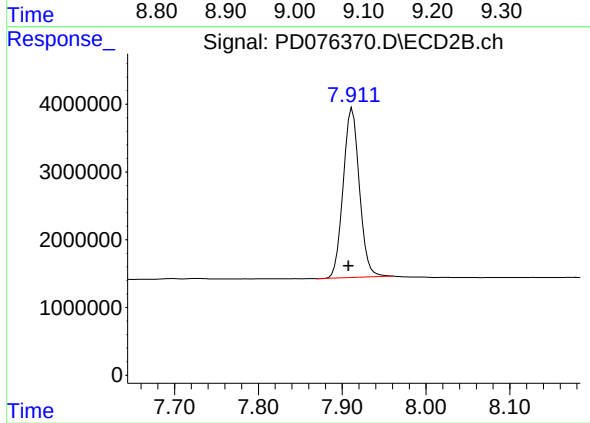
#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.011 min
Response: 84816115
Conc: 23.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.005 min
Response: 33680973
Conc: 26.76 ng/ml