

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121922\
 Data File : PD073356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 15:12
 Operator : AR\AJ
 Sample : PB149727BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149727BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2022
 Supervised By : Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:20:30 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.697	3.457	44228156	1840.1E6	21.103	18.711
28)	SA Decachlor...	7.823	8.906	52808708	415.2E6	21.811	23.556
Target Compounds							
2)	A alpha-BHC	3.200	3.921	192.7E6	6018.0E6	55.702	45.026
3)	MA gamma-BHC...	3.530	4.255	172.3E6	4430.8E6	62.665	44.905 #
4)	MA Heptachlor	3.862	4.820	168.7E6	3046.6E6	53.926	47.809
5)	MB Aldrin	4.140	5.158	175.4E6	2760.2E6	56.607	50.095
6)	B beta-BHC	3.831	4.470	67279727	1542.3E6	52.981	45.515
7)	B delta-BHC	4.061	4.714	177.9E6	3457.7E6	56.512	52.110
8)	B Heptachlo...	4.645	5.590	152.1E6	2284.4E6	54.890	51.244
9)	A Endosulfan I	5.014	5.975	141.2E6	2084.2E6	53.334	50.201
10)	B gamma-Chl...	4.893	5.844	155.2E6	2168.8E6	54.381	48.519
11)	B alpha-Chl...	4.957	5.919	152.5E6	2212.0E6	54.130	50.546
12)	B 4,4'-DDE	5.145	6.093	148.7E6	2206.4E6	54.924	52.209
13)	MA Dieldrin	5.280	6.250	157.4E6	2296.7E6	55.770	54.671m
14)	MA Endrin	5.556	6.483	142.4E6	1954.4E6	55.469	59.488
15)	B Endosulfa...	5.854	6.713	132.3E6	1785.4E6	55.995m	56.203
16)	A 4,4'-DDD	5.703	6.617	121.5E6	1645.1E6	53.889	52.656
17)	MA 4,4'-DDT	5.952	6.925	118.7E6	1648.8E6	53.590	54.561
18)	B Endrin al...	6.036	6.844	106.5E6	1388.8E6	56.592	59.239
19)	B Endosulfa...	6.259	7.077	126.3E6	1528.6E6	53.118	55.870
20)	A Methoxychlor	6.534	7.404	67936250	752.5E6	50.972	55.597
21)	B Endrin ke...	6.769	7.567	147.0E6	1539.0E6	54.077	56.052
22)	Mirex	6.933	8.014	112.2E6	991.6E6	53.965	56.696

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121922\
 Data File : PD073356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 15:12
 Operator : AR\AJ
 Sample : PB149727BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

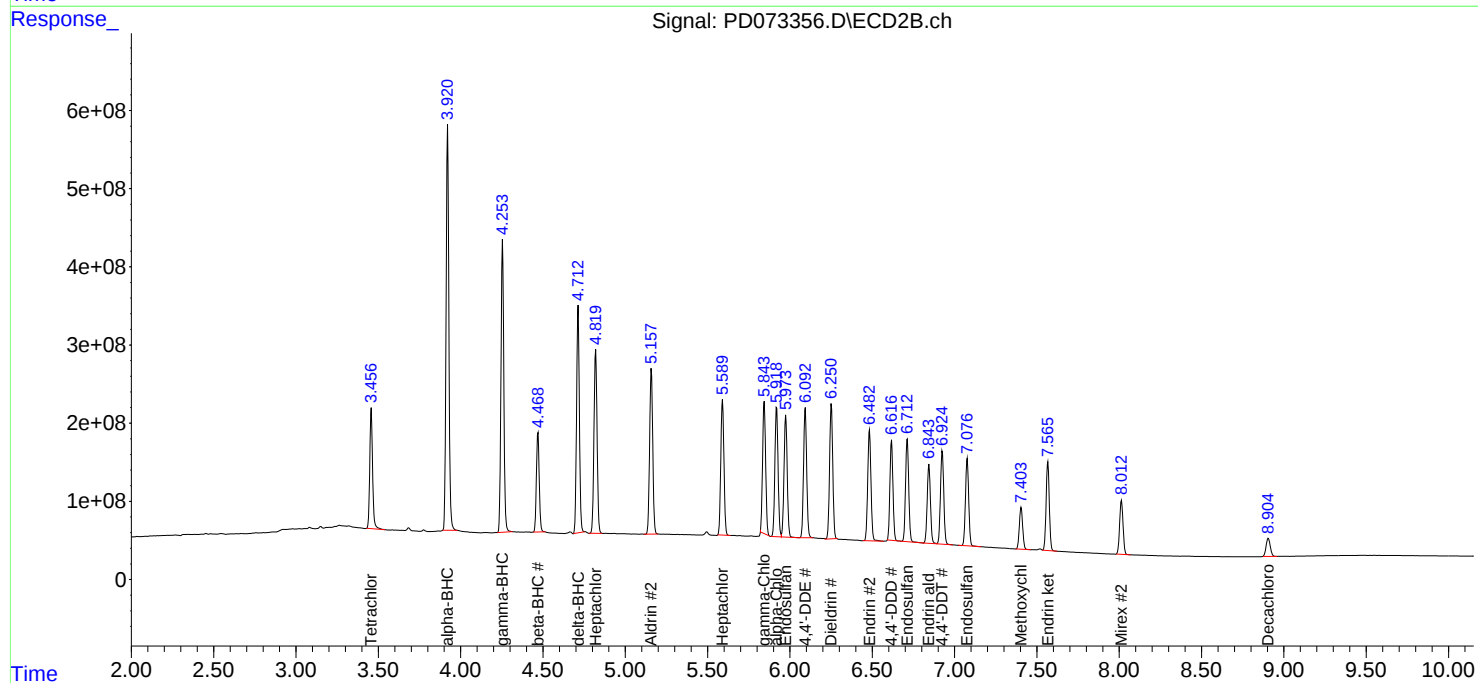
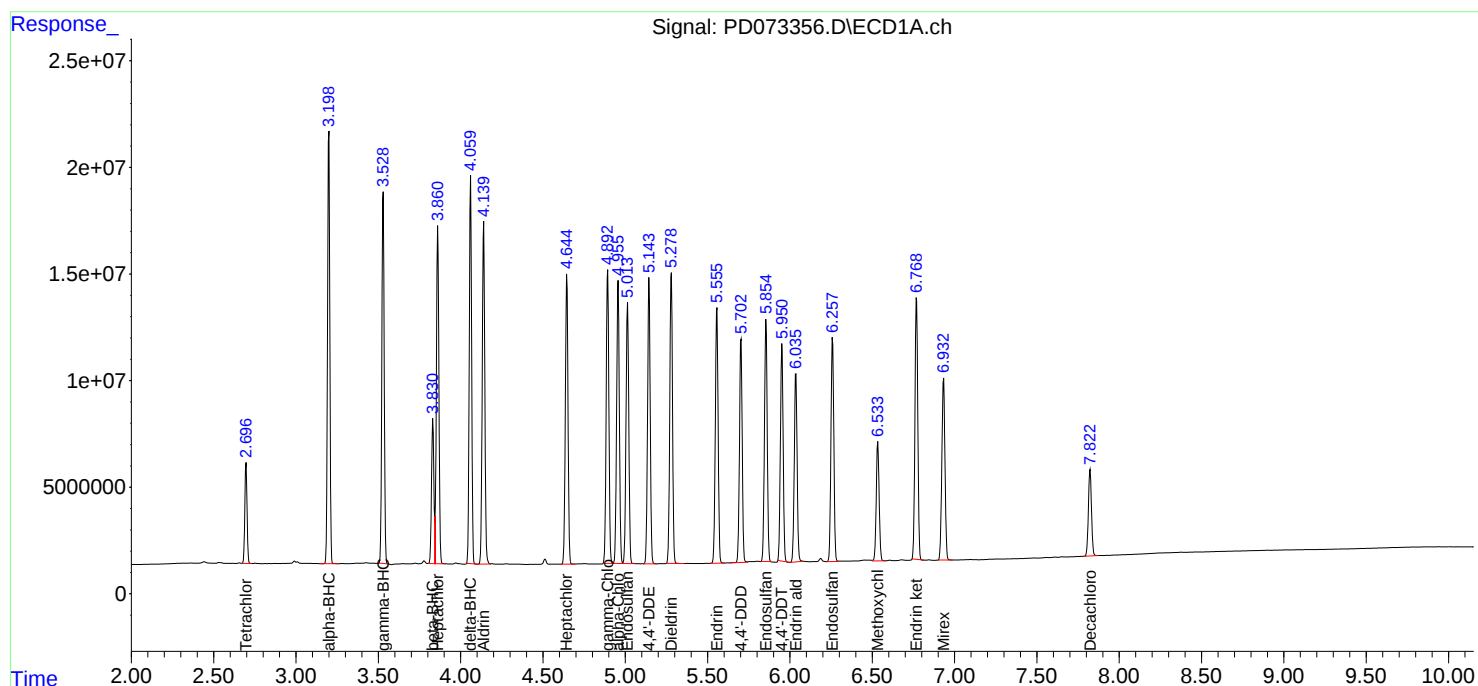
Instrument :
 ECD_D
 ClientSampleId :
 PB149727BS

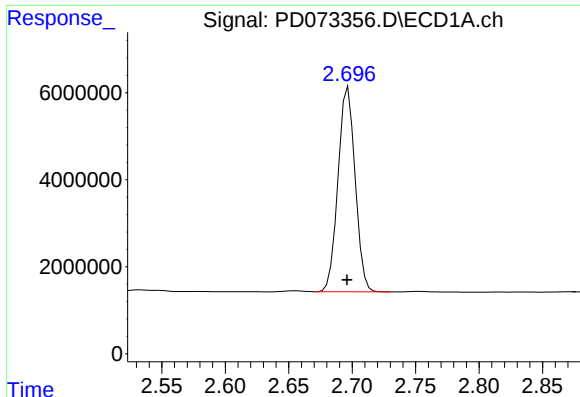
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:20:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





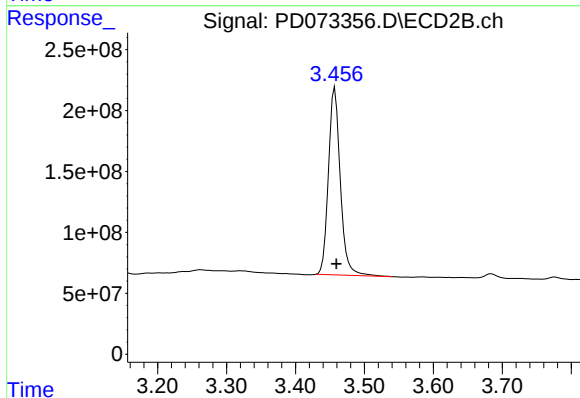
#1 Tetrachloro-m-xylene

R.T.: 2.697 min
Delta R.T.: 0.001 min
Response: 44228156
Conc: 21.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
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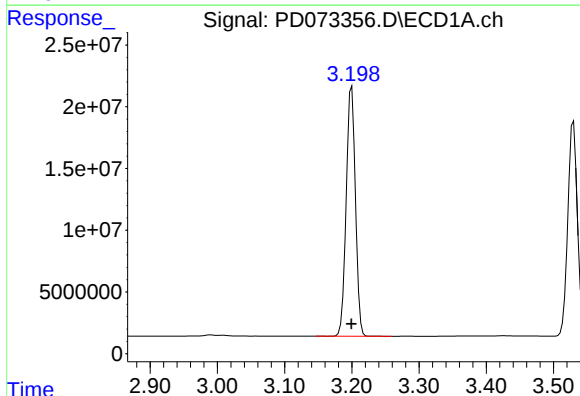
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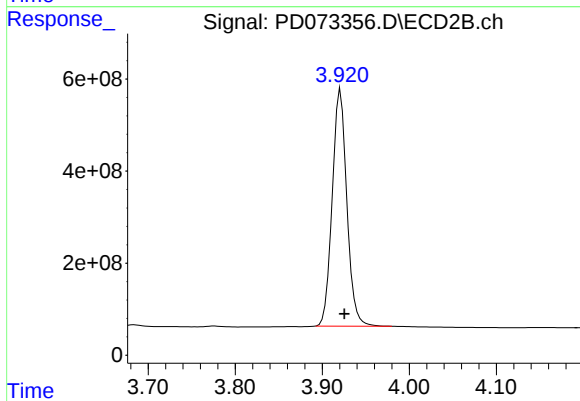
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.002 min
Response: 1840147506
Conc: 18.71 ng/ml



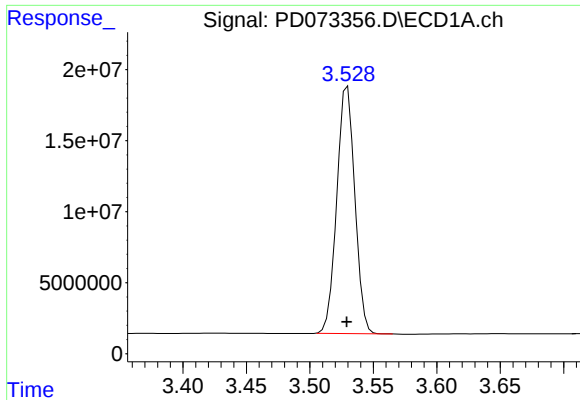
#2 alpha-BHC

R.T.: 3.200 min
Delta R.T.: 0.000 min
Response: 192665528
Conc: 55.70 ng/ml



#2 alpha-BHC

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 6018020210
Conc: 45.03 ng/ml



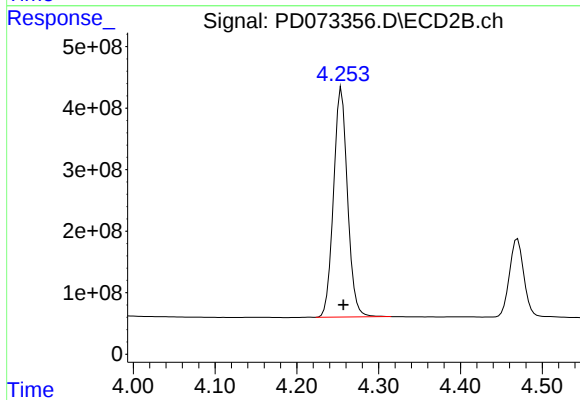
#3 gamma-BHC (Lindane)

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 172310583
Conc: 62.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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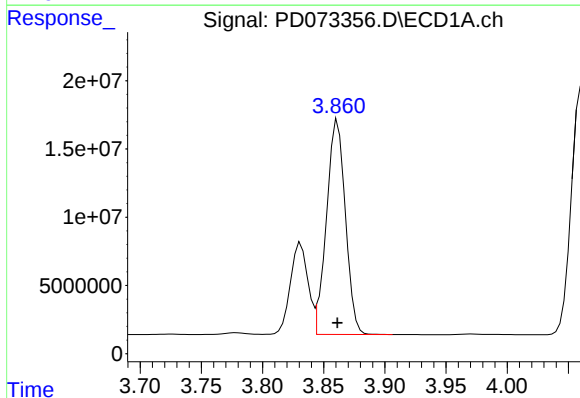
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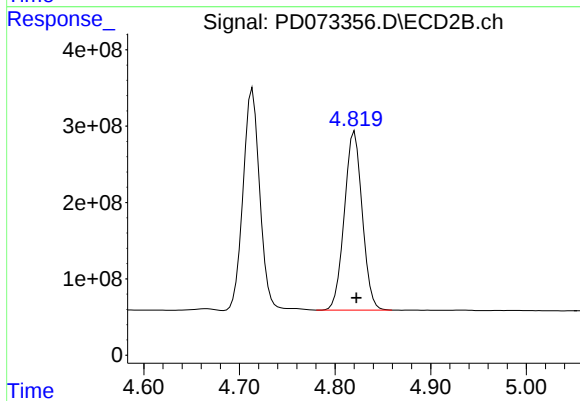
#3 gamma-BHC (Lindane)

R.T.: 4.255 min
Delta R.T.: -0.002 min
Response: 4430790116
Conc: 44.91 ng/ml



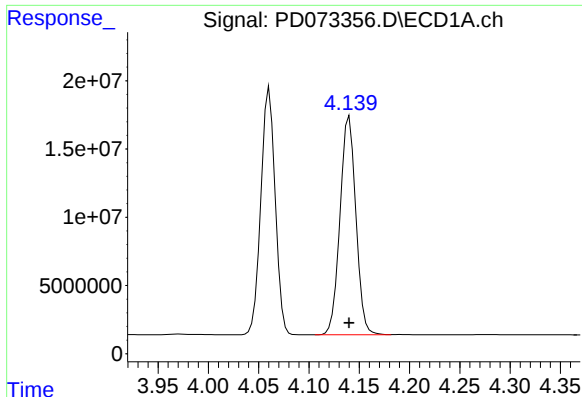
#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: 0.000 min
Response: 168693806
Conc: 53.93 ng/ml



#4 Heptachlor

R.T.: 4.820 min
Delta R.T.: -0.002 min
Response: 3046630148
Conc: 47.81 ng/ml



#5 Aldrin

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 175377396
Conc: 56.61 ng/ml

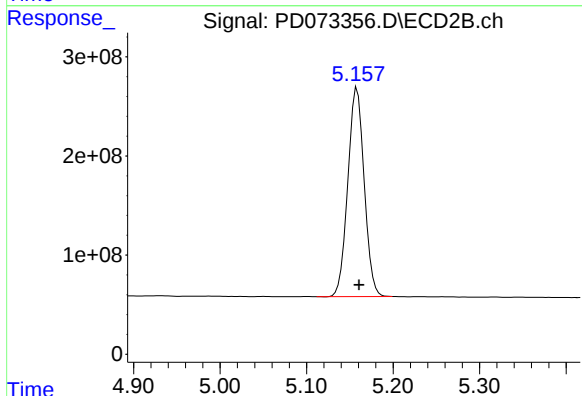
Instrument :

ECD_D

ClientSampleId :
PB149727BS

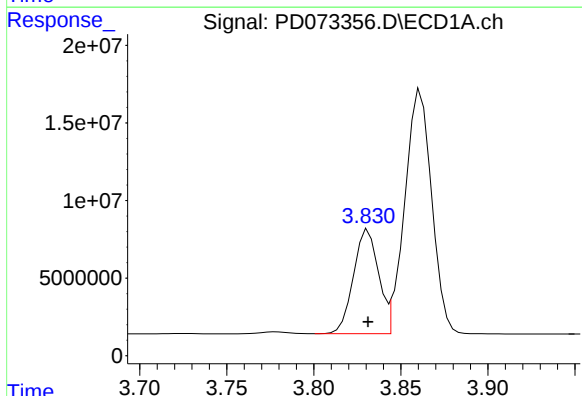
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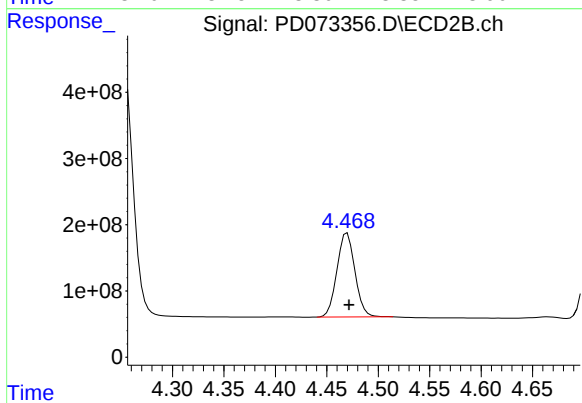
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 2760192149
Conc: 50.09 ng/ml



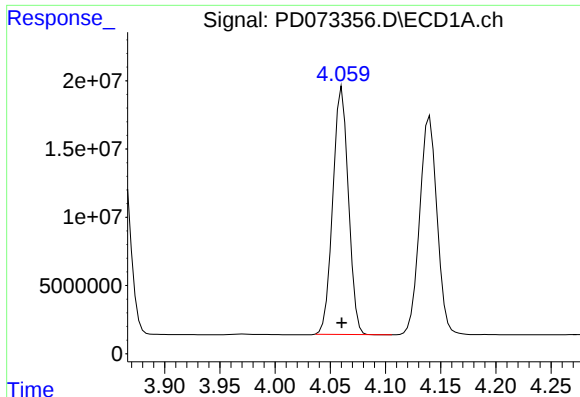
#6 beta-BHC

R.T.: 3.831 min
Delta R.T.: 0.000 min
Response: 67279727
Conc: 52.98 ng/ml



#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 1542278436
Conc: 45.51 ng/ml



#7 delta-BHC

R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 177924447
Conc: 56.51 ng/ml

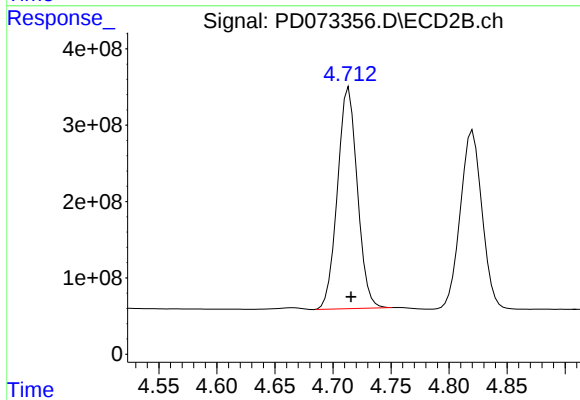
Instrument :

ECD_D

ClientSampleId :
PB149727BS

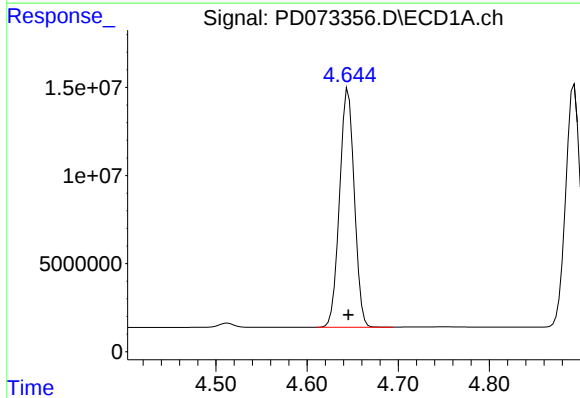
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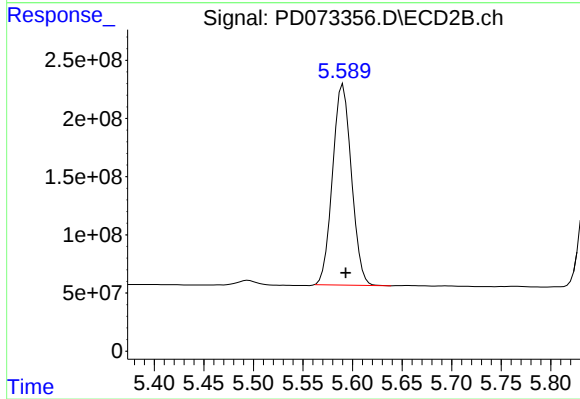
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 3457669306
Conc: 52.11 ng/ml



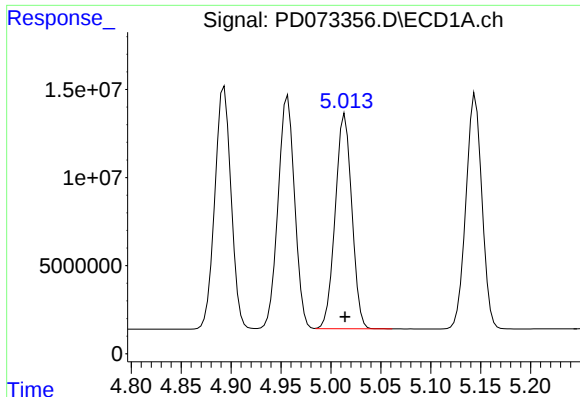
#8 Heptachlor epoxide

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 152133019
Conc: 54.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 2284412566
Conc: 51.24 ng/ml



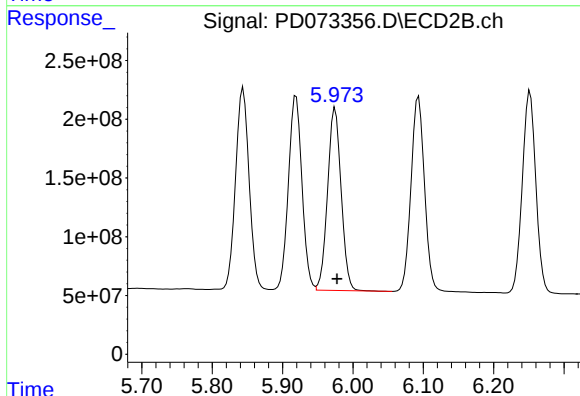
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 141152045
Conc: 53.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149727BS

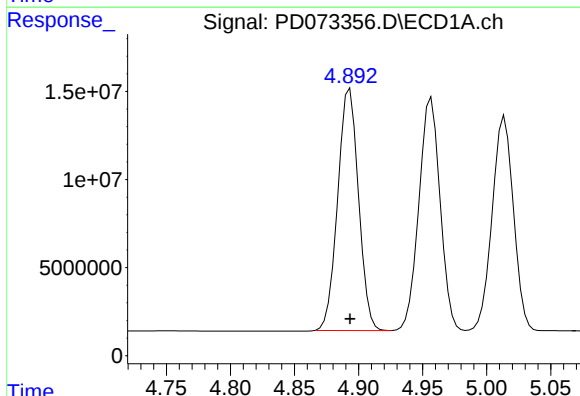
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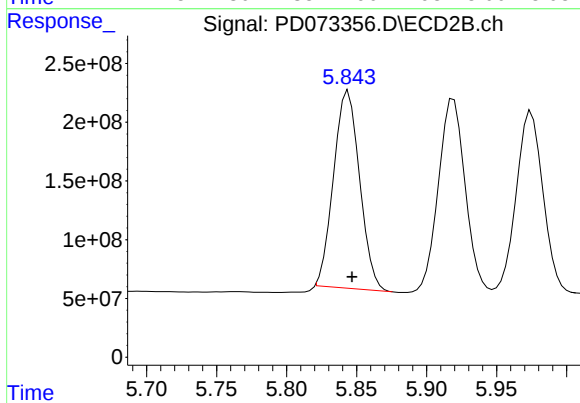
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 2084181659
Conc: 50.20 ng/ml



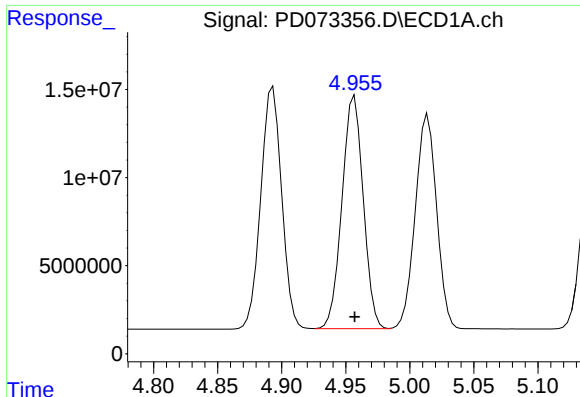
#10 gamma-Chlordane

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 155170302
Conc: 54.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 2168770691
Conc: 48.52 ng/ml



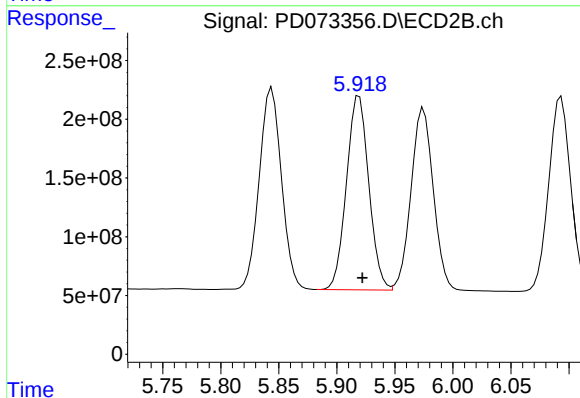
#11 alpha-Chlordane

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 152496638
Conc: 54.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149727BS

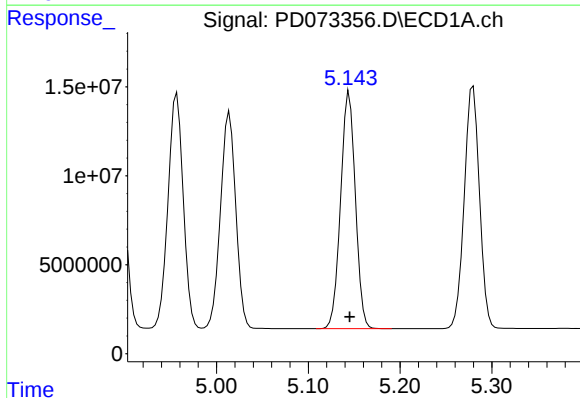
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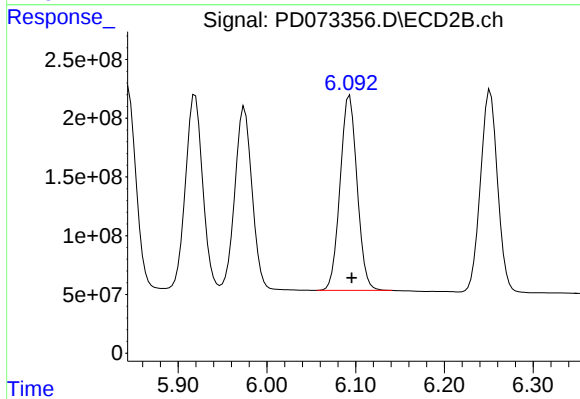
#11 alpha-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 2211980825
Conc: 50.55 ng/ml



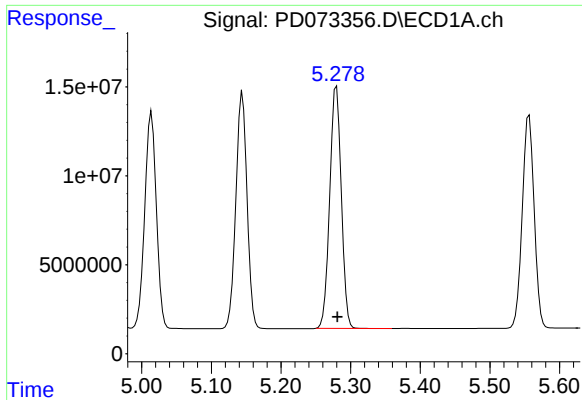
#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 148724894
Conc: 54.92 ng/ml



#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2206413238
Conc: 52.21 ng/ml



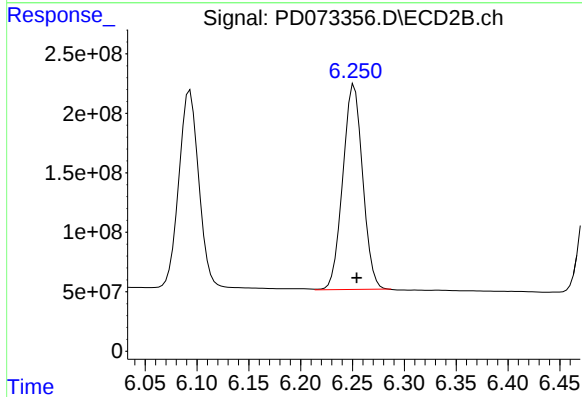
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.001 min
Response: 157384314
Conc: 55.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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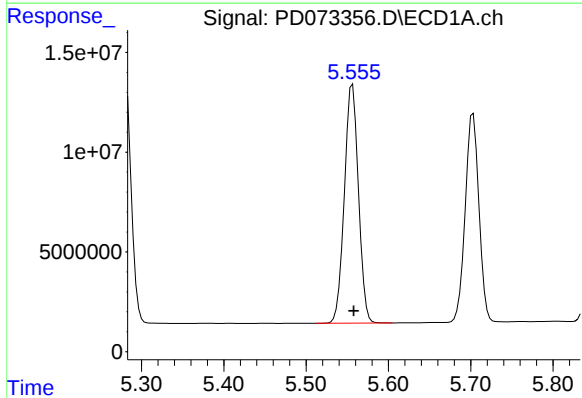
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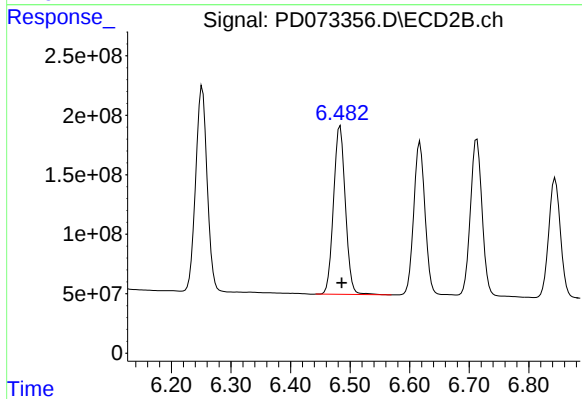
#13 Dieldrin

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 2296707481
Conc: 54.67 ng/ml m



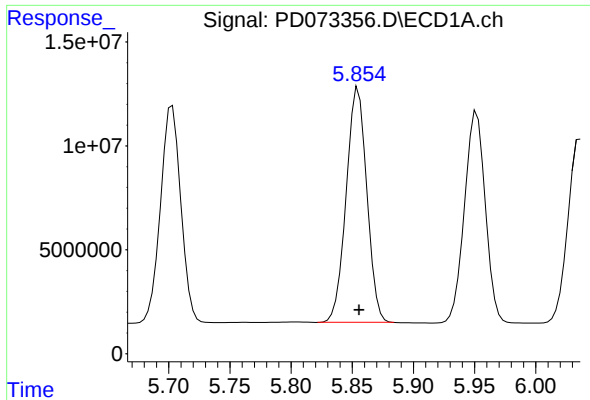
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.001 min
Response: 142425866
Conc: 55.47 ng/ml



#14 Endrin

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 1954394679
Conc: 59.49 ng/ml



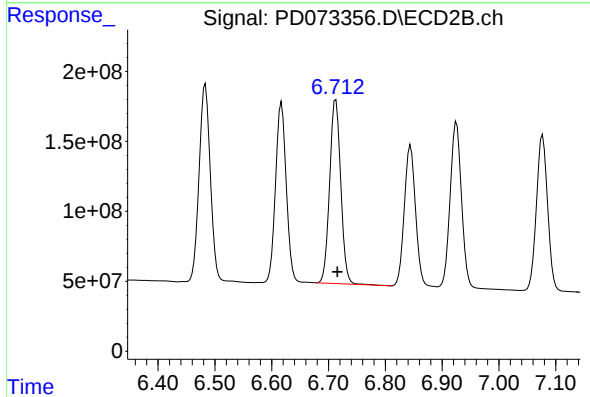
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 132294728
Conc: 55.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149727BS

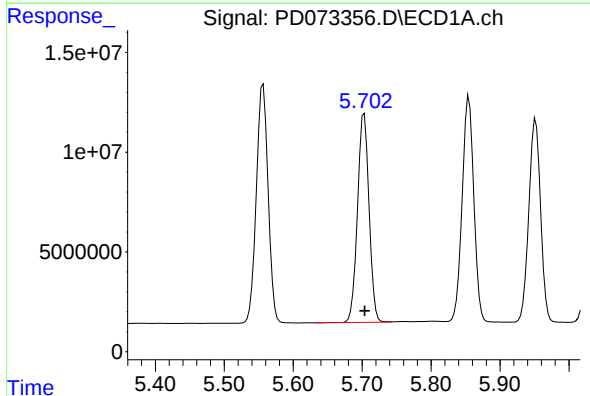
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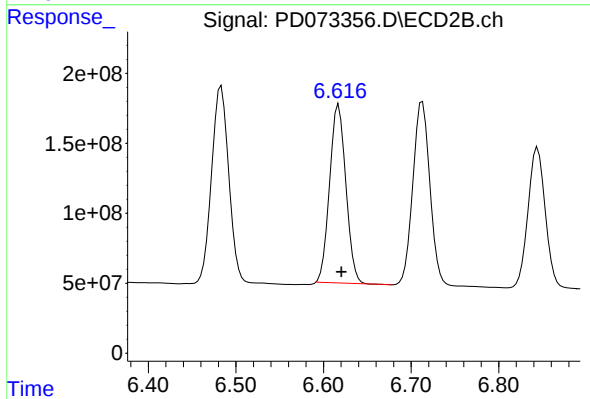
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 1785393797
Conc: 56.20 ng/ml



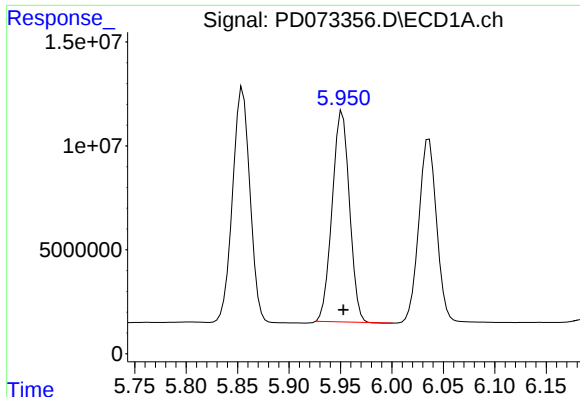
#16 4,4'-DDD

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 121543056
Conc: 53.89 ng/ml



#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.003 min
Response: 1645127857
Conc: 52.66 ng/ml



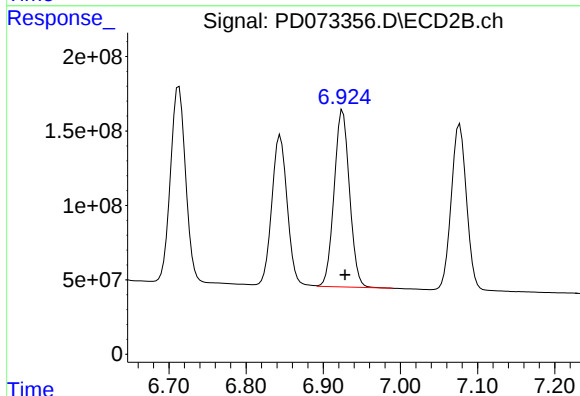
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 118710076
Conc: 53.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
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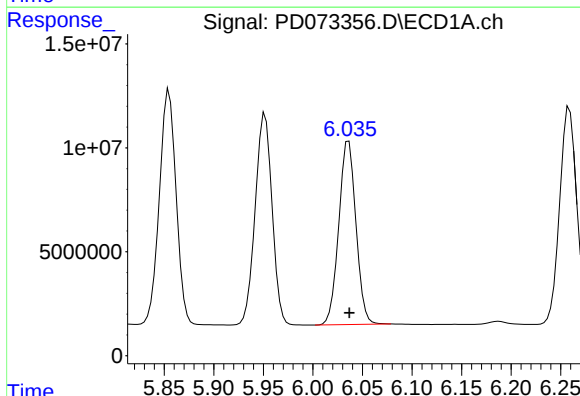
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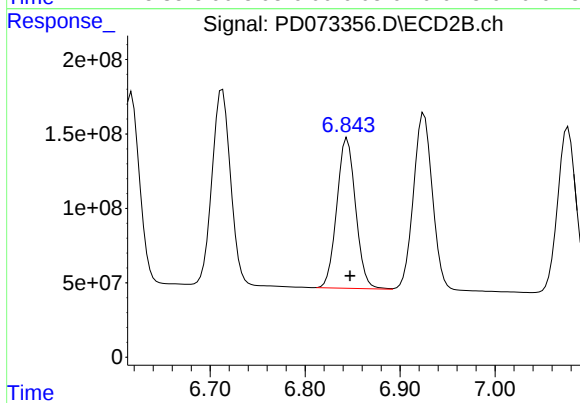
#17 4,4'-DDT

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 1648785830
Conc: 54.56 ng/ml



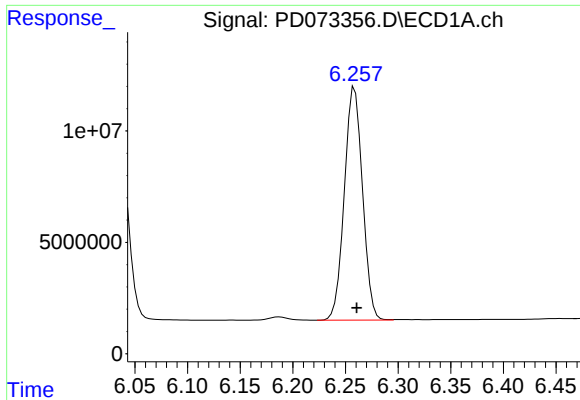
#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 106524031
Conc: 56.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.844 min
Delta R.T.: -0.003 min
Response: 1388758902
Conc: 59.24 ng/ml



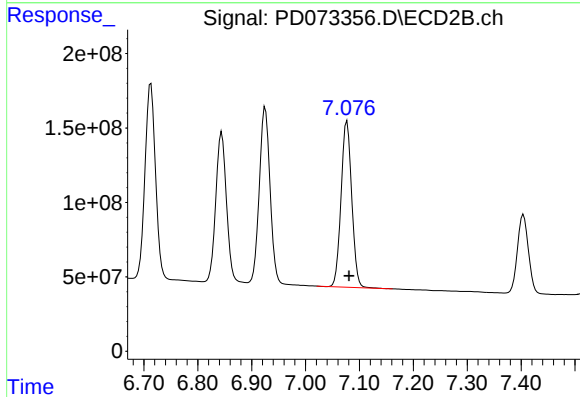
#19 Endosulfan Sulfate

R.T.: 6.259 min
Delta R.T.: -0.002 min
Response: 126254020
Conc: 53.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149727BS

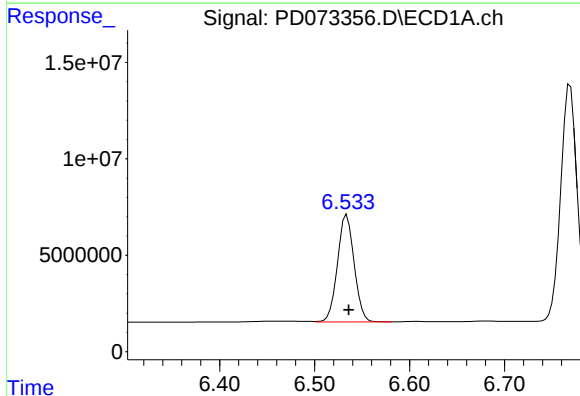
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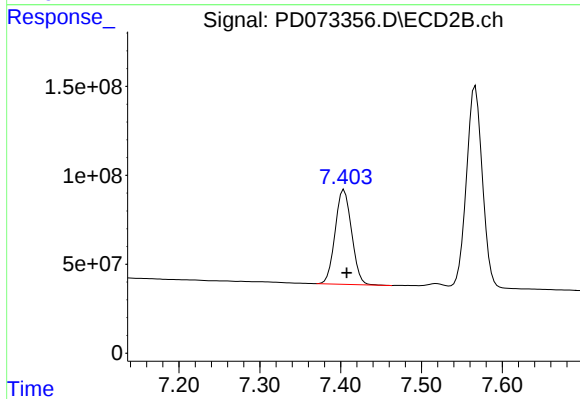
#19 Endosulfan Sulfate

R.T.: 7.077 min
Delta R.T.: -0.004 min
Response: 1528605525
Conc: 55.87 ng/ml



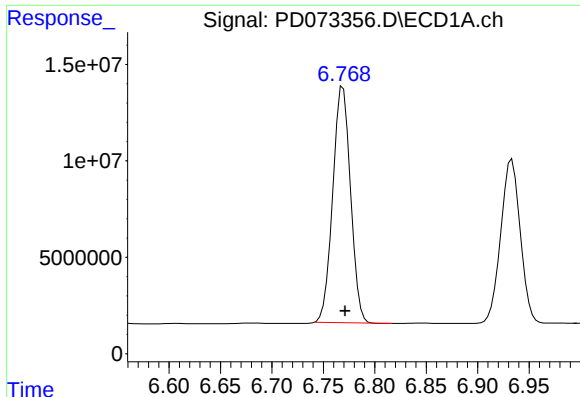
#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 67936250
Conc: 50.97 ng/ml



#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: -0.003 min
Response: 752524268
Conc: 55.60 ng/ml



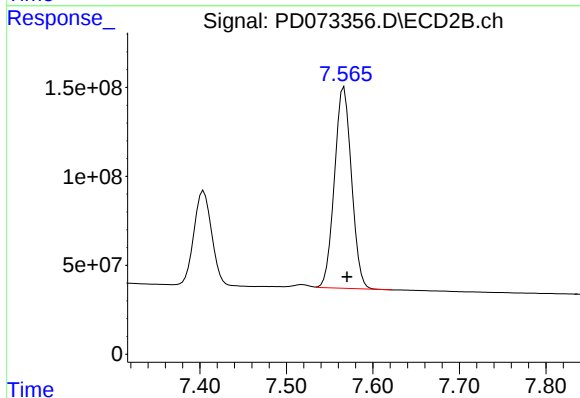
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 146952469
Conc: 54.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149727BS

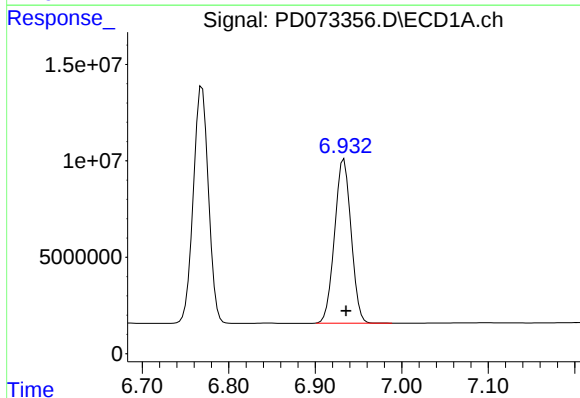
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2022
Supervised By :Ankita Jodhani 12/20/2022



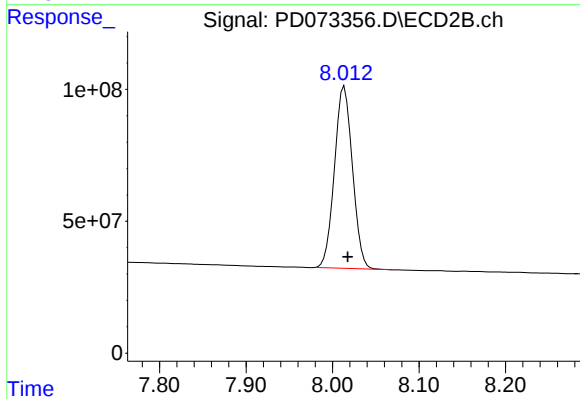
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.004 min
Response: 1539002958
Conc: 56.05 ng/ml



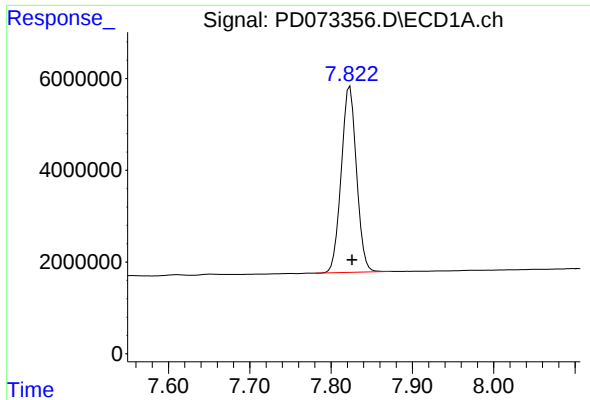
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 112173413
Conc: 53.96 ng/ml



#22 Mirex

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 991634520
Conc: 56.70 ng/ml



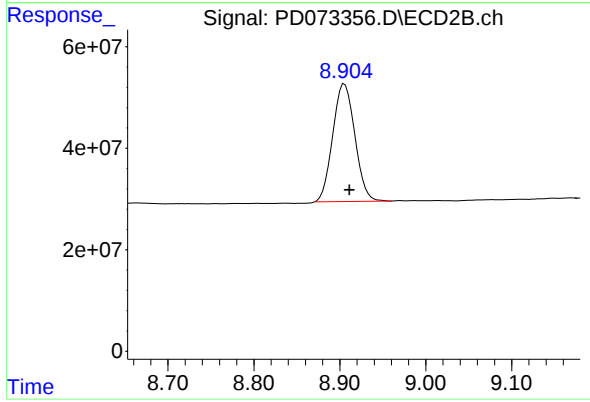
#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 52808708
Conc: 21.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149727BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 415229636
Conc: 23.56 ng/ml