

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
 Data File : PD076359.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 21:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/06/2023
 Supervised By :Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:37:12 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...	3.545	2.765	157.8E6	78668321	48.175	49.523
28)	SA Decachlor...	9.083	7.906	167.4E6	68452838	47.089	54.391
Target Compounds							
2)	A alpha-BHC	4.001	3.267	286.4E6	121.4E6	49.452	50.391
3)	MA gamma-BHC...	4.334	3.597	259.1E6	111.7E6	49.486	50.168
4)	MA Heptachlor	4.925	3.936	260.2E6	109.5E6	47.310	48.219
5)	MB Aldrin	5.268	4.216	258.5E6	108.2E6	48.354	48.802
6)	B beta-BHC	4.530	3.893	103.1E6	45721862	49.176	51.413
7)	B delta-BHC	4.779	4.123	258.5E6	110.5E6	50.286	52.541
8)	B Heptachlo...	5.695	4.719	227.0E6	97635827	47.102	48.836
9)	A Endosulfan I	6.082	5.089	211.4E6	91134049	47.392	48.665
10)	B gamma-Chl...	5.952	4.969	231.9E6	98130764	47.681	49.282
11)	B alpha-Chl...	6.031	5.033	227.3E6	96618032	47.307	48.620
12)	B 4,4'-DDE	6.203	5.222	210.5E6	86602910	49.585	56.343
13)	MA Dieldrin	6.357	5.354	223.2E6	96757854	47.713	49.123
14)	MA Endrin	6.588	5.630	185.3E6	85218715	46.544	48.280
15)	B Endosulfa...	6.807	5.924	177.9E6	77664346	47.908	50.051
16)	A 4,4'-DDD	6.721	5.777	171.8E6	72780124	51.133	60.219
17)	MA 4,4'-DDT	7.036	6.028	167.6E6	68538399	47.654	56.630
18)	B Endrin al...	6.936	6.102	134.3E6	59702610	48.989m	52.241
19)	B Endosulfa...	7.172	6.325	176.6E6	78503155	47.793	51.666
20)	A Methoxychlor	7.512	6.603	86538813	36569308	45.278	57.264 #
21)	B Endrin ke...	7.659	6.832	202.8E6	91197316	48.575	52.177
22)	Mirex	8.133	7.013	144.4E6	69528369	45.689	46.907

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
Data File : PD076359.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jul 2023 21:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

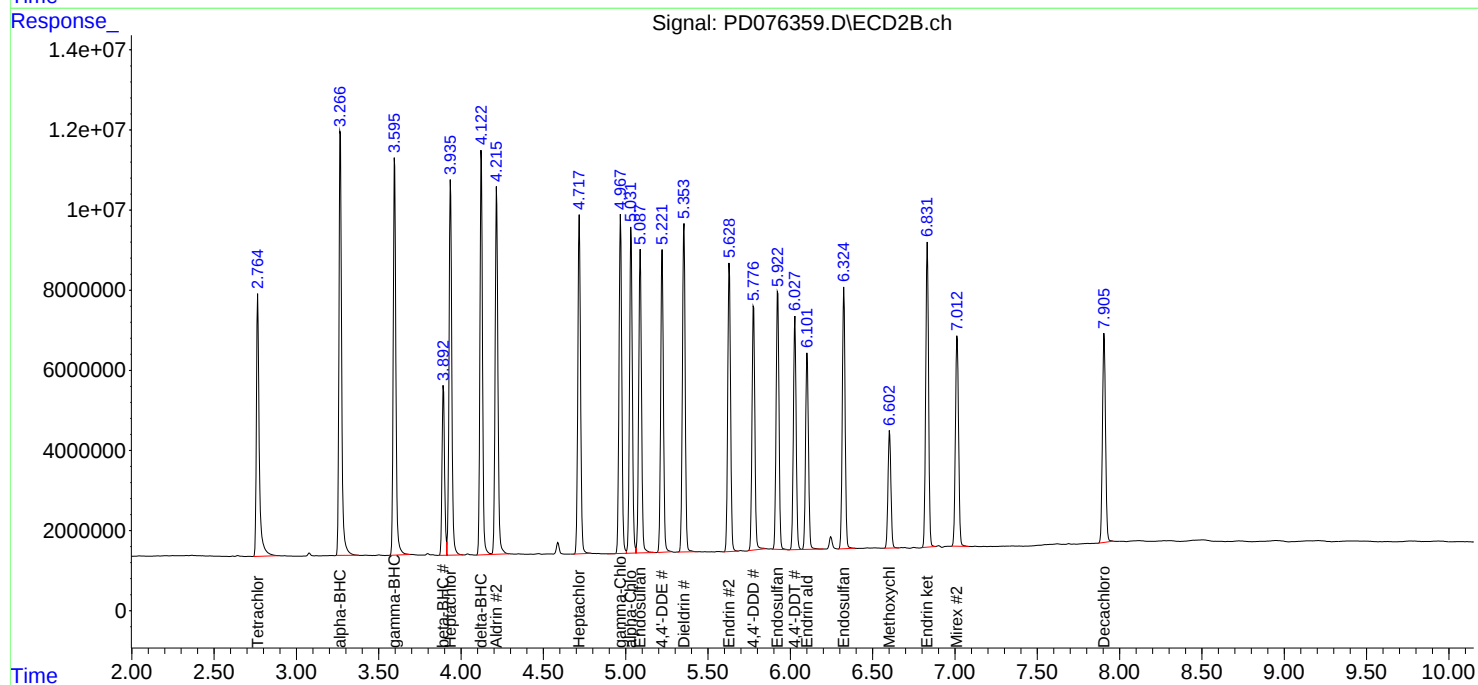
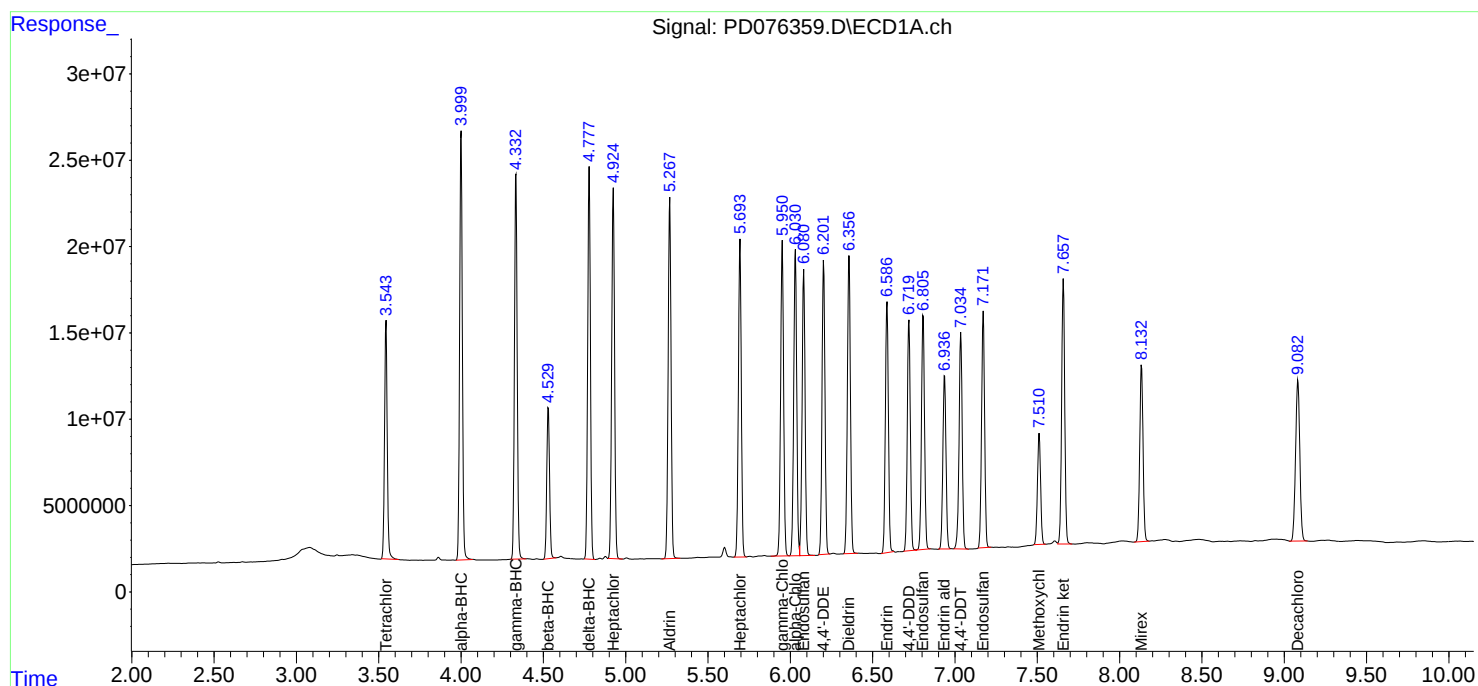
APPROVED

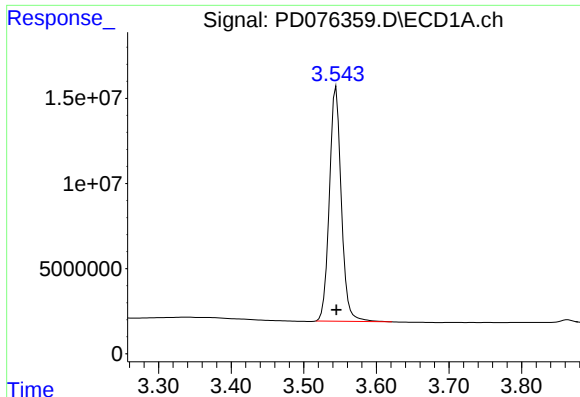
Reviewed By :Abdul Mirza 07/06/2023

Supervised By :Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 05 22:37:12 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
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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.: 3.545 min
Delta R.T.: 0.000 min
Response: 157840125
Conc: 48.18 ng/ml

Instrument :

ECD_D

ClientSampleId :

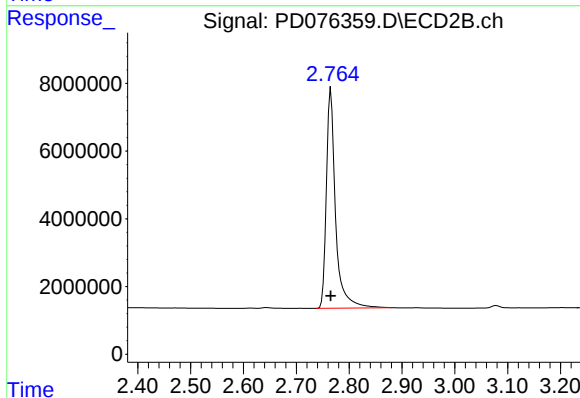
PSTDCCC050

Manual Integrations

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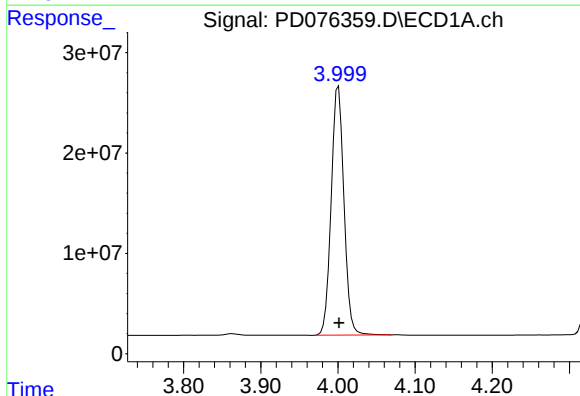
Reviewed By :Abdul Mirza 07/06/2023

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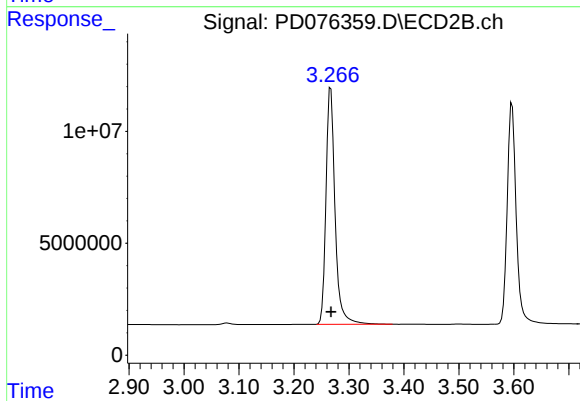
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 78668321
Conc: 49.52 ng/ml



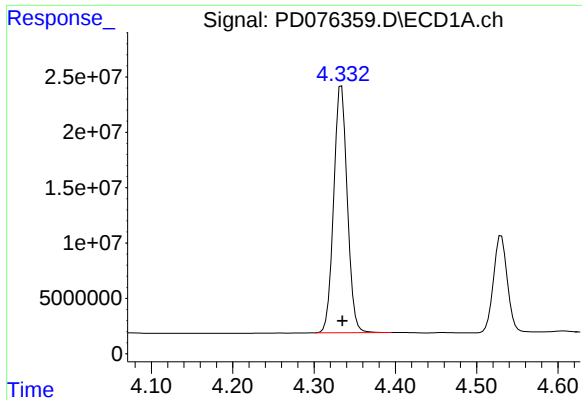
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 286427290
Conc: 49.45 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 121413812
Conc: 50.39 ng/ml



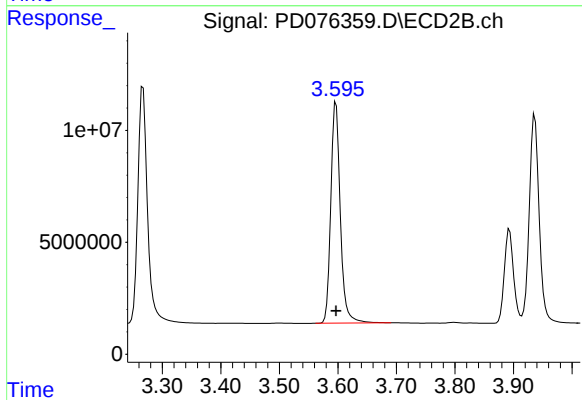
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 259085687
Conc: 49.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

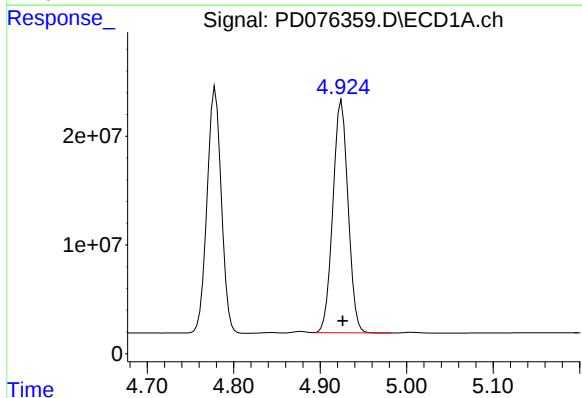
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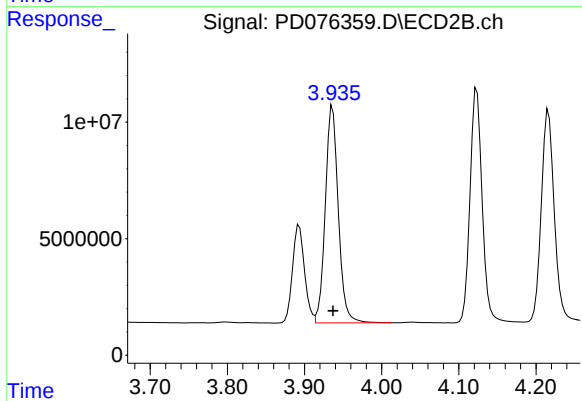
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 111688779
Conc: 50.17 ng/ml



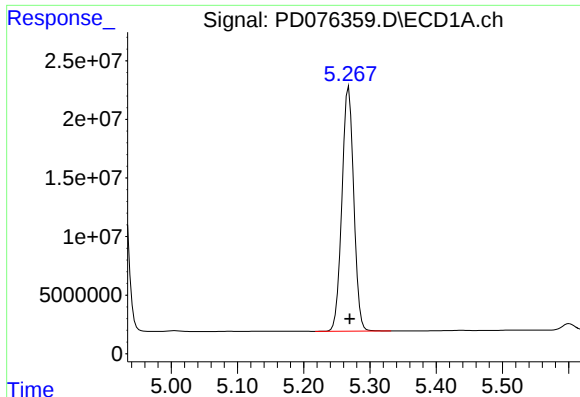
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 260210688
Conc: 47.31 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 109528859
Conc: 48.22 ng/ml



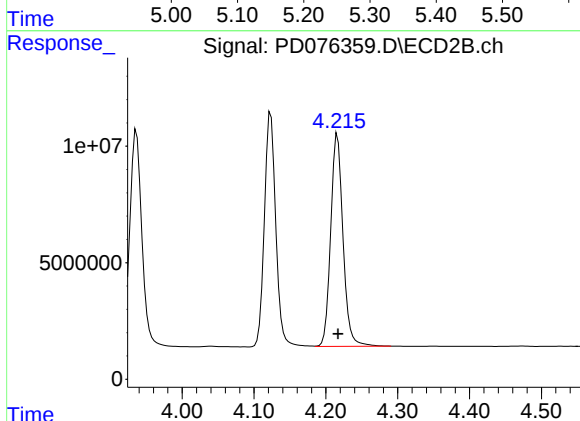
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: -0.001 min
Response: 258518228
Conc: 48.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

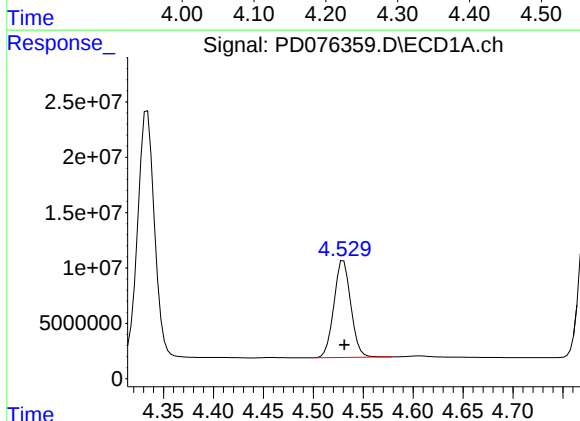
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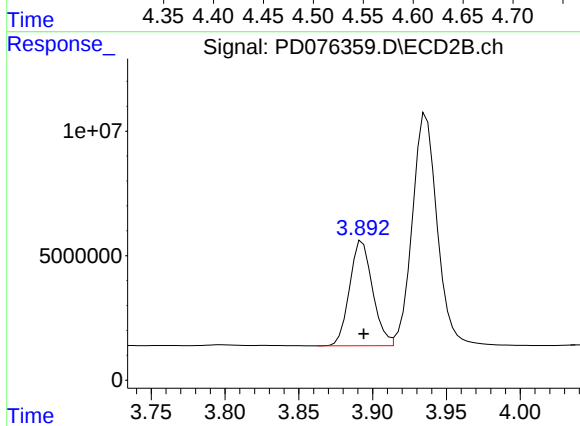
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 108160954
Conc: 48.80 ng/ml



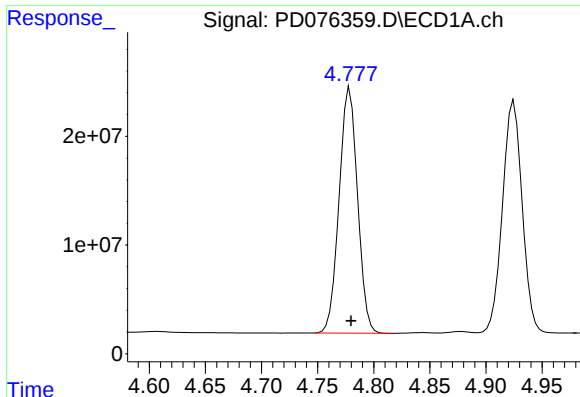
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 103074501
Conc: 49.18 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 45721862
Conc: 51.41 ng/ml



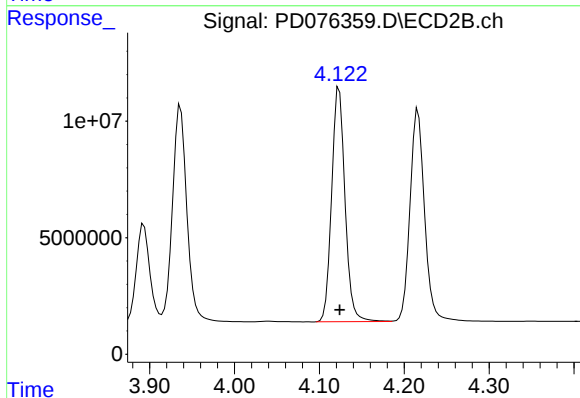
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 258459344
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

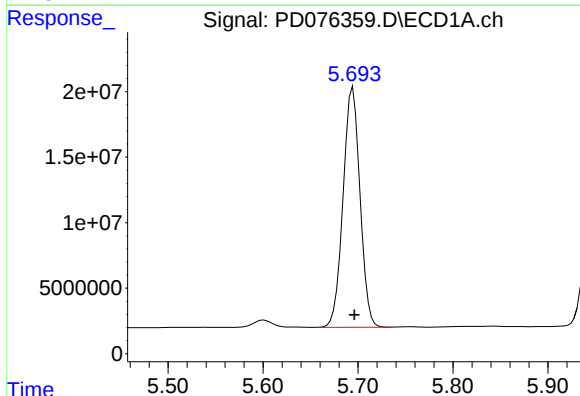
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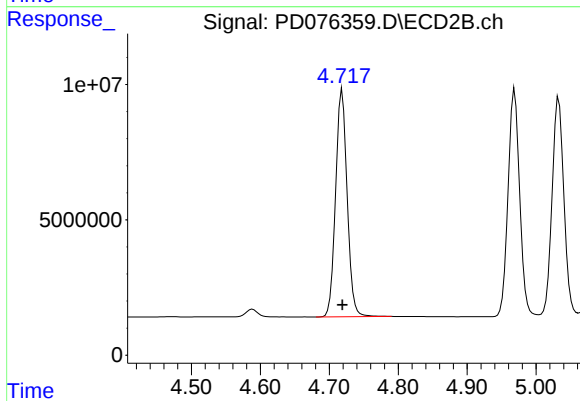
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 110474730
Conc: 52.54 ng/ml



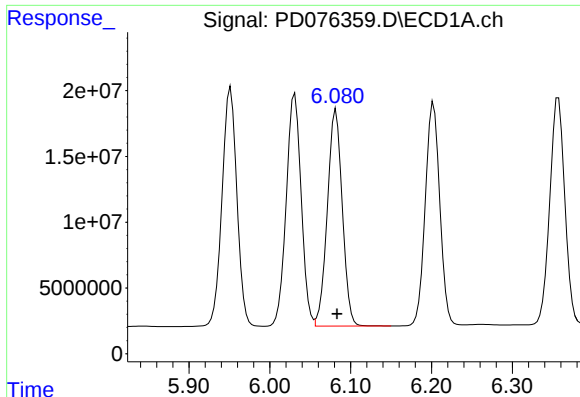
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 226950970
Conc: 47.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 97635827
Conc: 48.84 ng/ml



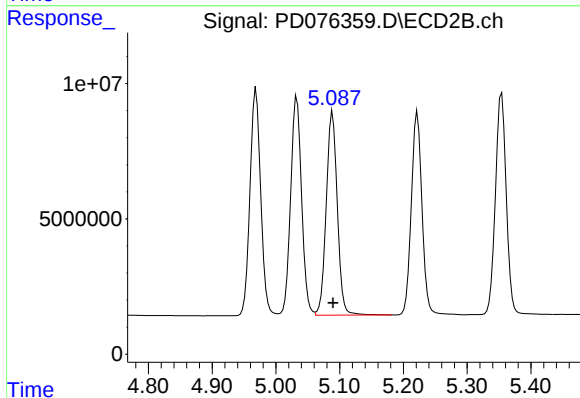
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 211414588
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

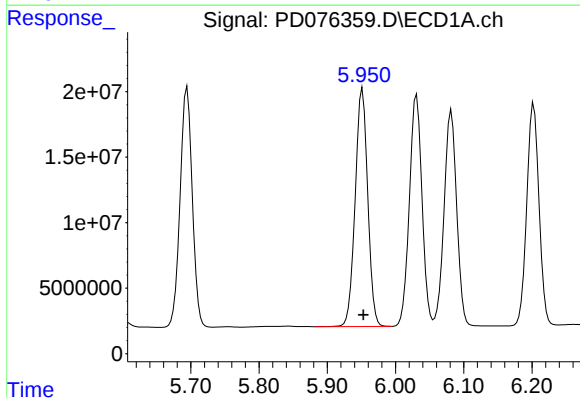
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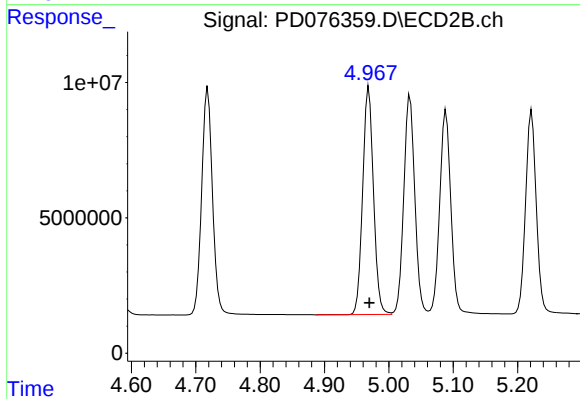
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 91134049
Conc: 48.67 ng/ml



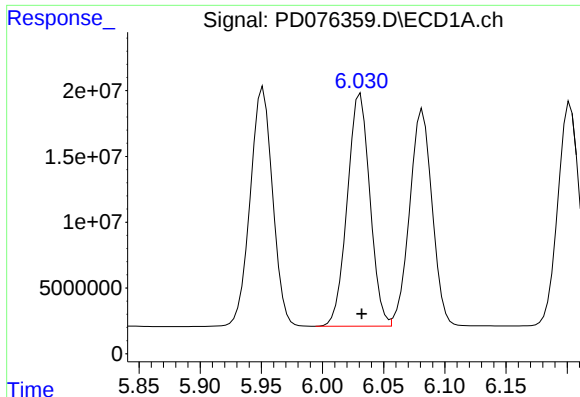
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 231877723
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 98130764
Conc: 49.28 ng/ml



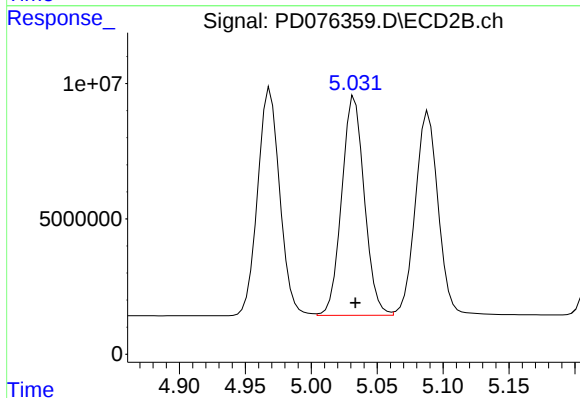
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: -0.001 min
Response: 227271686
Conc: 47.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

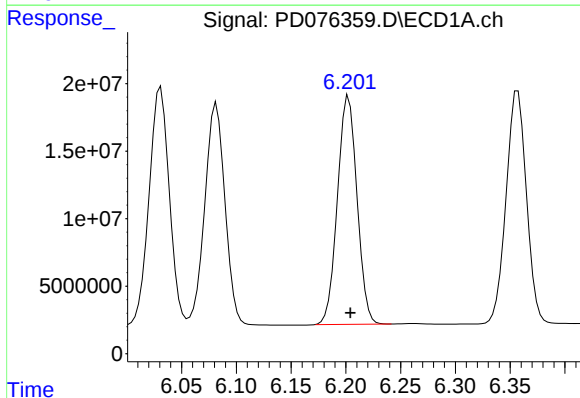
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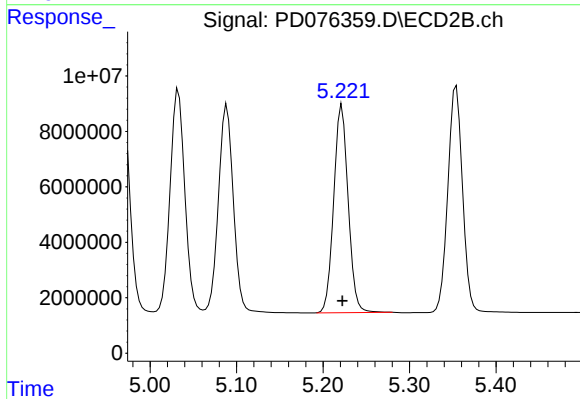
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 96618032
Conc: 48.62 ng/ml



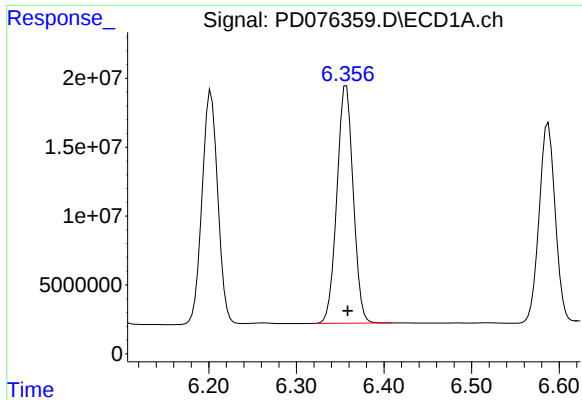
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 210480482
Conc: 49.59 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 86602910
Conc: 56.34 ng/ml



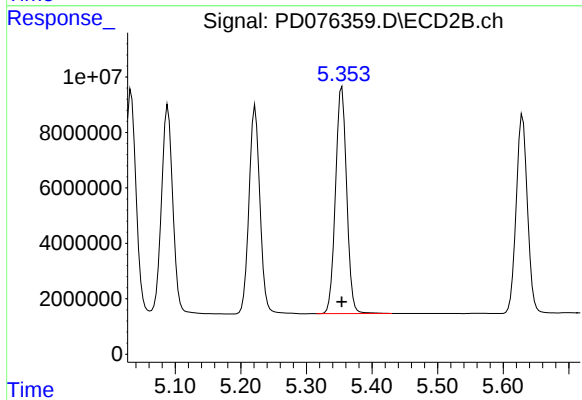
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 223203388
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

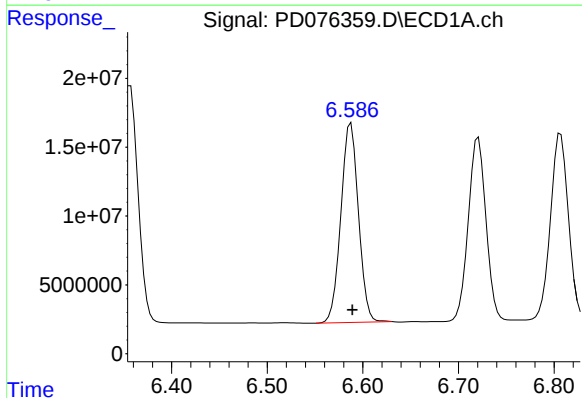
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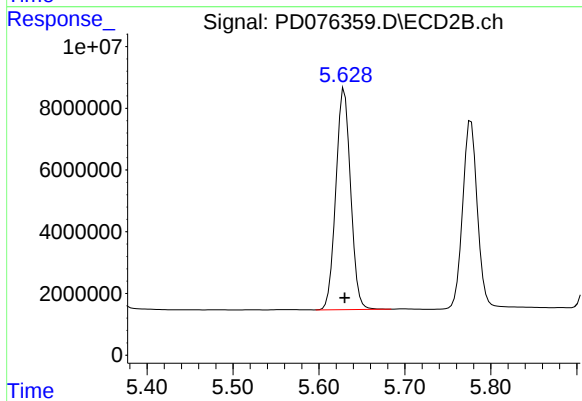
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 96757854
Conc: 49.12 ng/ml



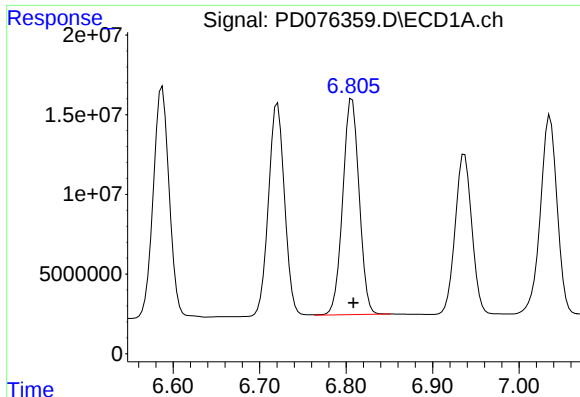
#14 Endrin

R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 185305705
Conc: 46.54 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 85218715
Conc: 48.28 ng/ml



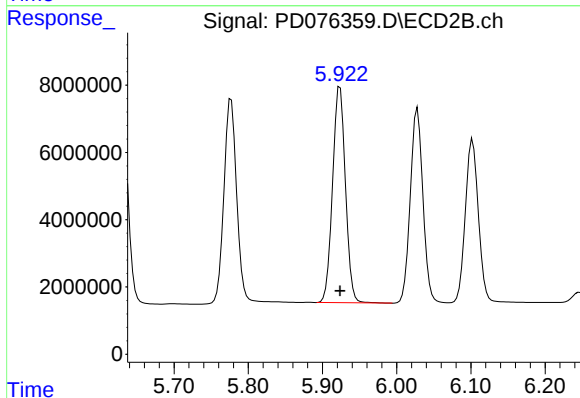
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 177908789
Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

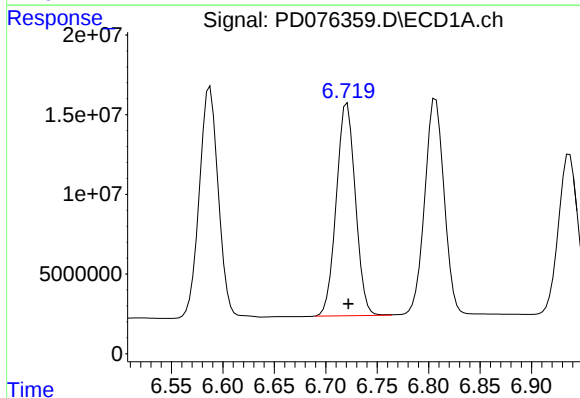
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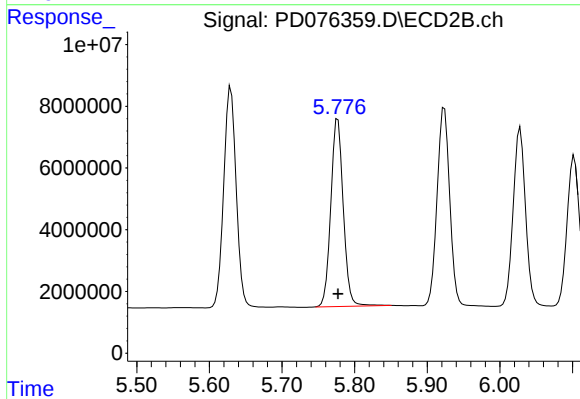
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 77664346
Conc: 50.05 ng/ml



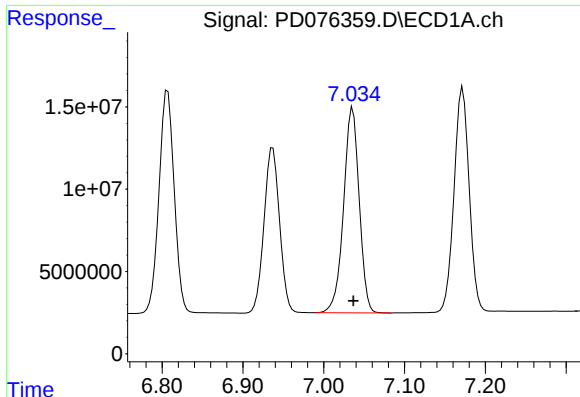
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 171788118
Conc: 51.13 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 72780124
Conc: 60.22 ng/ml



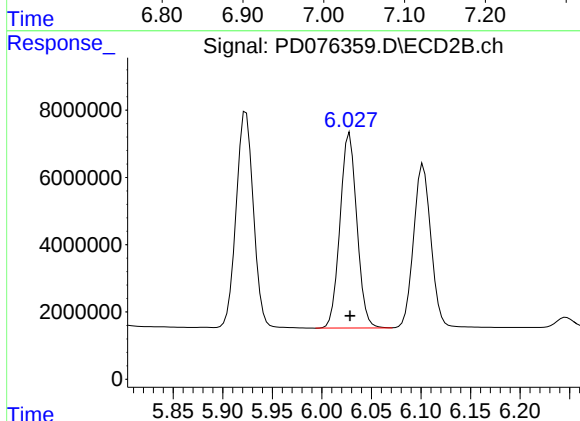
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 167550062
Conc: 47.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

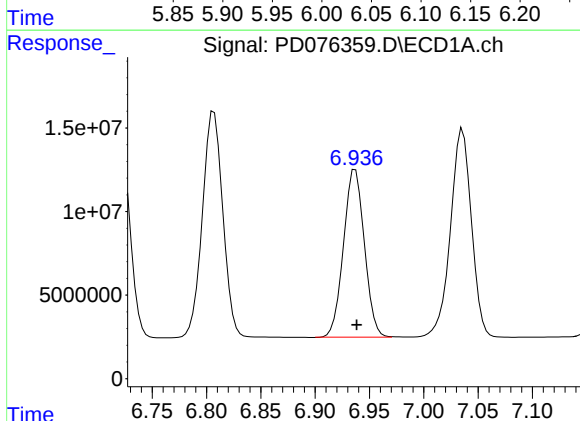
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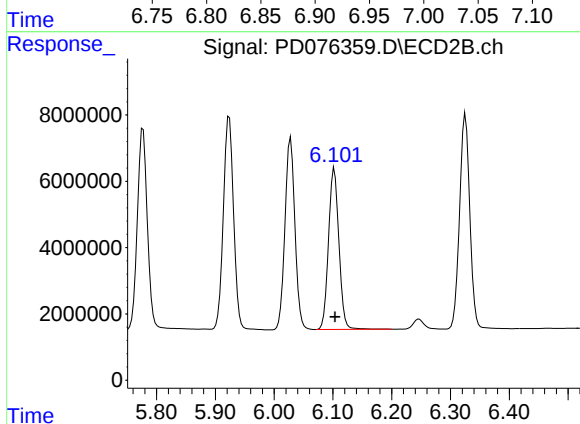
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 68538399
Conc: 56.63 ng/ml



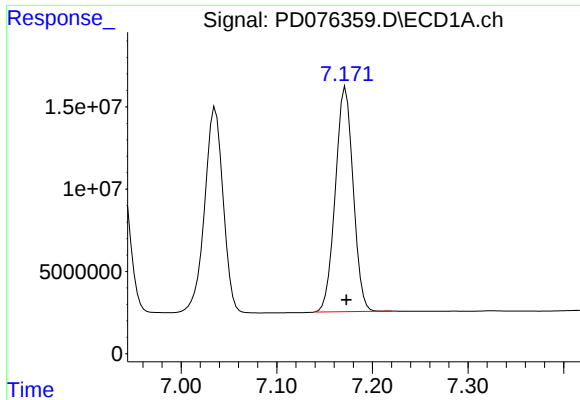
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.003 min
Response: 134273464
Conc: 48.99 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 59702610
Conc: 52.24 ng/ml



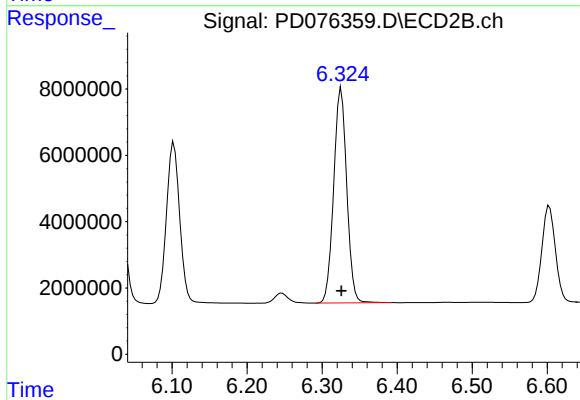
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 176589294
Conc: 47.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

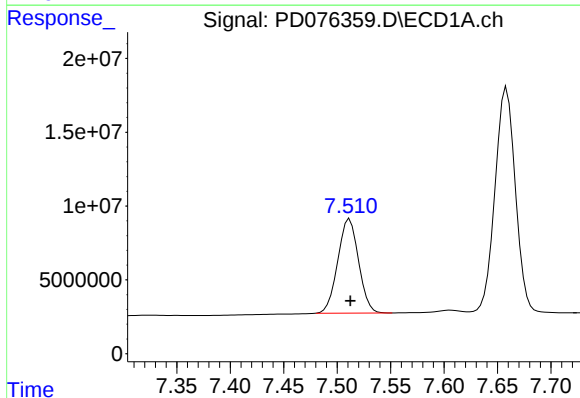
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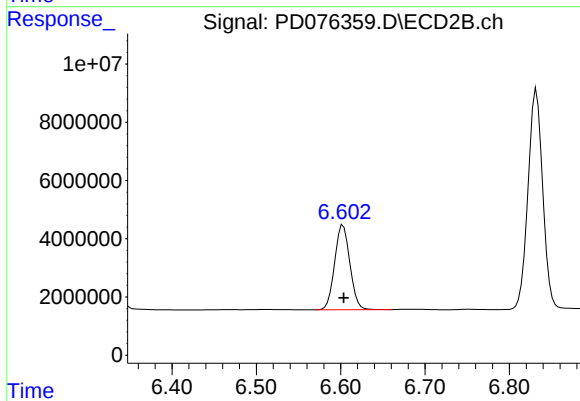
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 78503155
Conc: 51.67 ng/ml



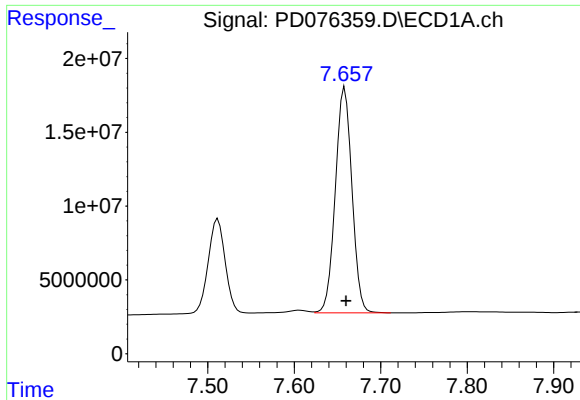
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 86538813
Conc: 45.28 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 36569308
Conc: 57.26 ng/ml



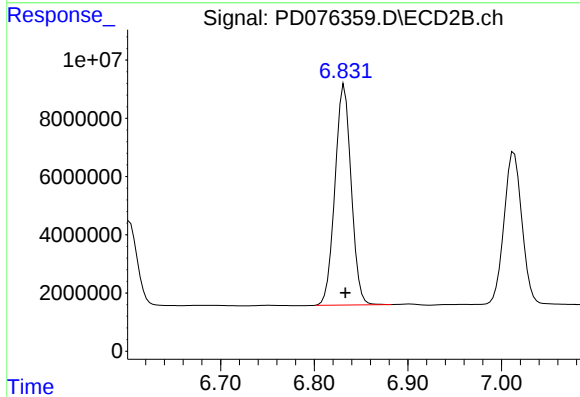
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.001 min
Response: 202785588
Conc: 48.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

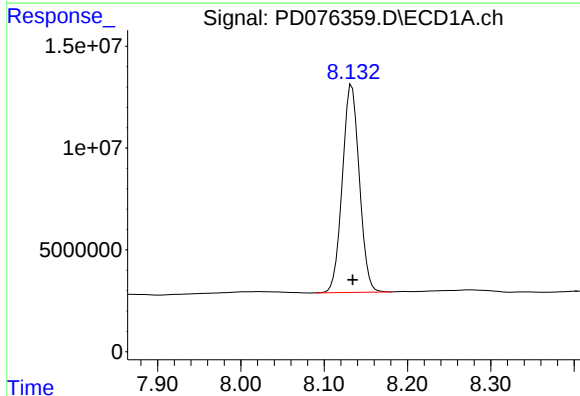
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/06/2023
Supervised By :Ankita Jodhani 07/06/2023



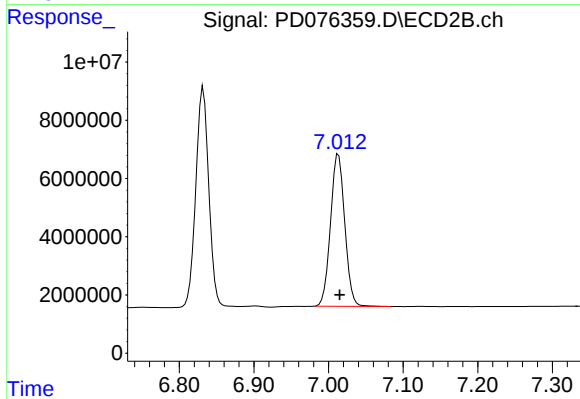
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 91197316
Conc: 52.18 ng/ml



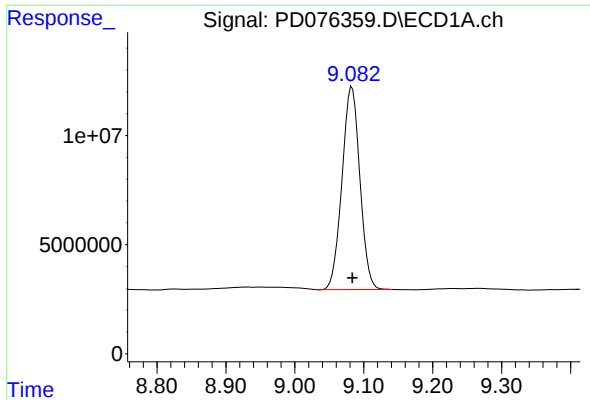
#22 Mirex

R.T.: 8.133 min
Delta R.T.: -0.001 min
Response: 144366763
Conc: 45.69 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 69528369
Conc: 46.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 167426697
Conc: 47.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

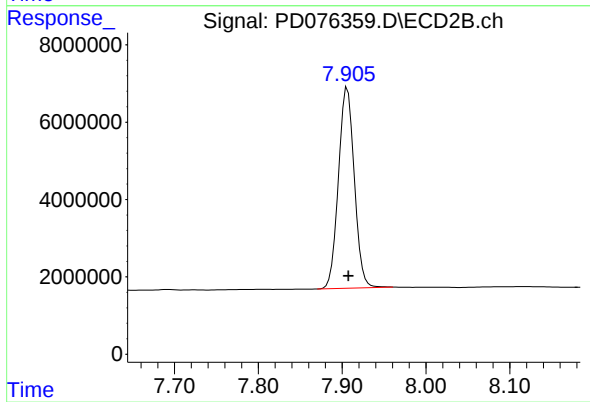
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 68452838
Conc: 54.39 ng/ml