

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2023 06:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2023
 Supervised By : Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 07:22:48 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. : 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...	3.545	2.765	136.9E6	71294003	41.774	44.880
28)	SA Decachlor...	9.086	7.906	144.9E6	62600380	40.763	49.741
Target Compounds							
2)	A alpha-BHC	4.001	3.266	246.7E6	108.0E6	42.585	44.825
3)	MA gamma-BHC...	4.334	3.596	223.9E6	99413906	42.760	44.654
4)	MA Heptachlor	4.925	3.936	231.1E6	100.8E6	42.014	44.360
5)	MB Aldrin	5.268	4.216	222.5E6	97337266	41.617	43.918
6)	B beta-BHC	4.531	3.893	90430564	41752117	43.144	46.949
7)	B delta-BHC	4.780	4.123	222.3E6	100.3E6	43.247	47.720
8)	B Heptachlo...	5.696	4.718	197.4E6	88556459	40.961	44.295
9)	A Endosulfan I	6.083	5.088	182.5E6	81551620	40.918	43.548
10)	B gamma-Chl...	5.952	4.968	199.8E6	89122919	41.083	44.758
11)	B alpha-Chl...	6.032	5.032	195.4E6	87935154	40.663	44.251
12)	B 4,4'-DDE	6.204	5.221	180.6E6	80838233	42.543	52.593
13)	MA Dieldrin	6.358	5.353	192.8E6	87716839	41.215	44.533
14)	MA Endrin	6.589	5.629	163.0E6	79467444	40.944	45.022
15)	B Endosulfa...	6.809	5.923	153.7E6	70643099	41.393	45.526
16)	A 4,4'-DDD	6.723	5.776	148.8E6	66585853	44.293	55.094
17)	MA 4,4'-DDT	7.038	6.027	149.8E6	65762782	42.594	54.337 #
18)	B Endrin al...	6.937	6.102	116.4E6	54914114	42.452m	48.051
19)	B Endosulfa...	7.174	6.325	151.6E6	71787861	41.037	47.247
20)	A Methoxychlor	7.514	6.602	79446661	35029388	41.568	54.853 #
21)	B Endrin ke...	7.661	6.832	170.4E6	81662251	40.819	46.721
22)	Mirex	8.135	7.013	122.2E6	63307228	38.667	42.710

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2023 06:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

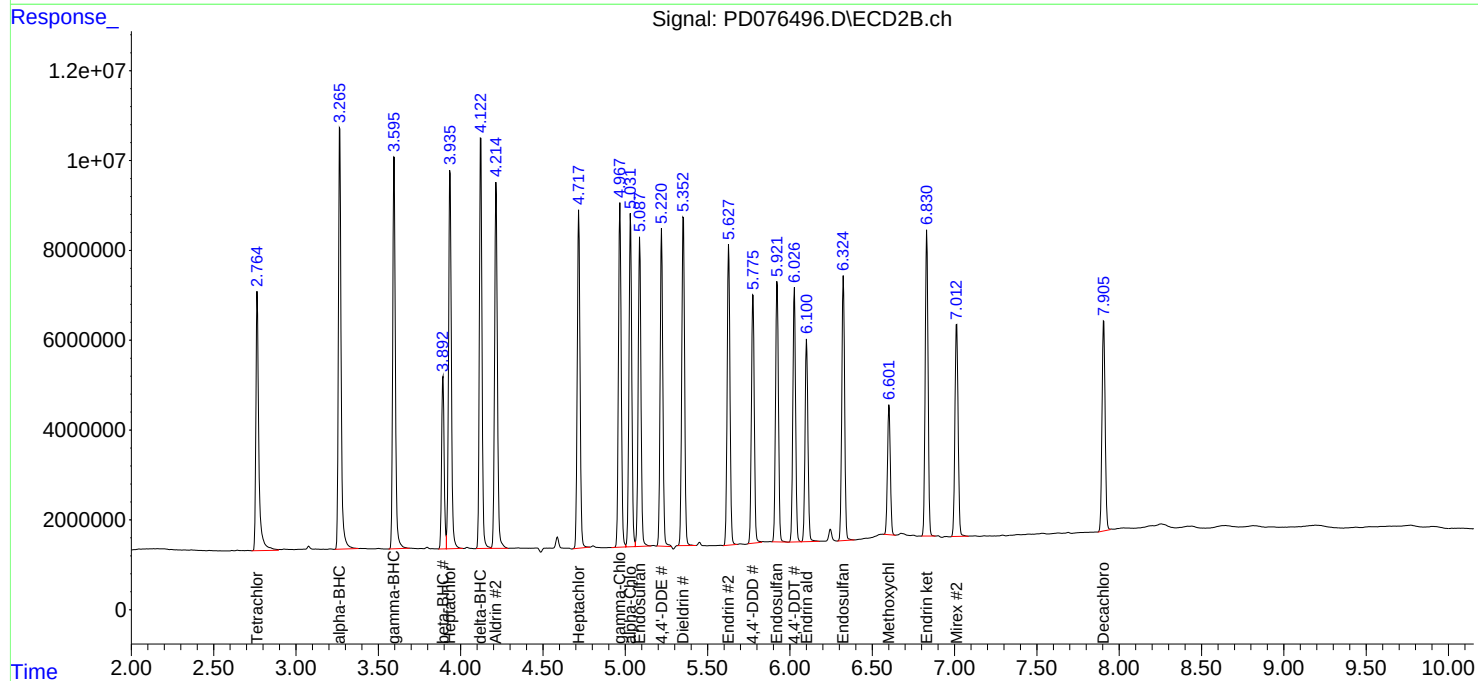
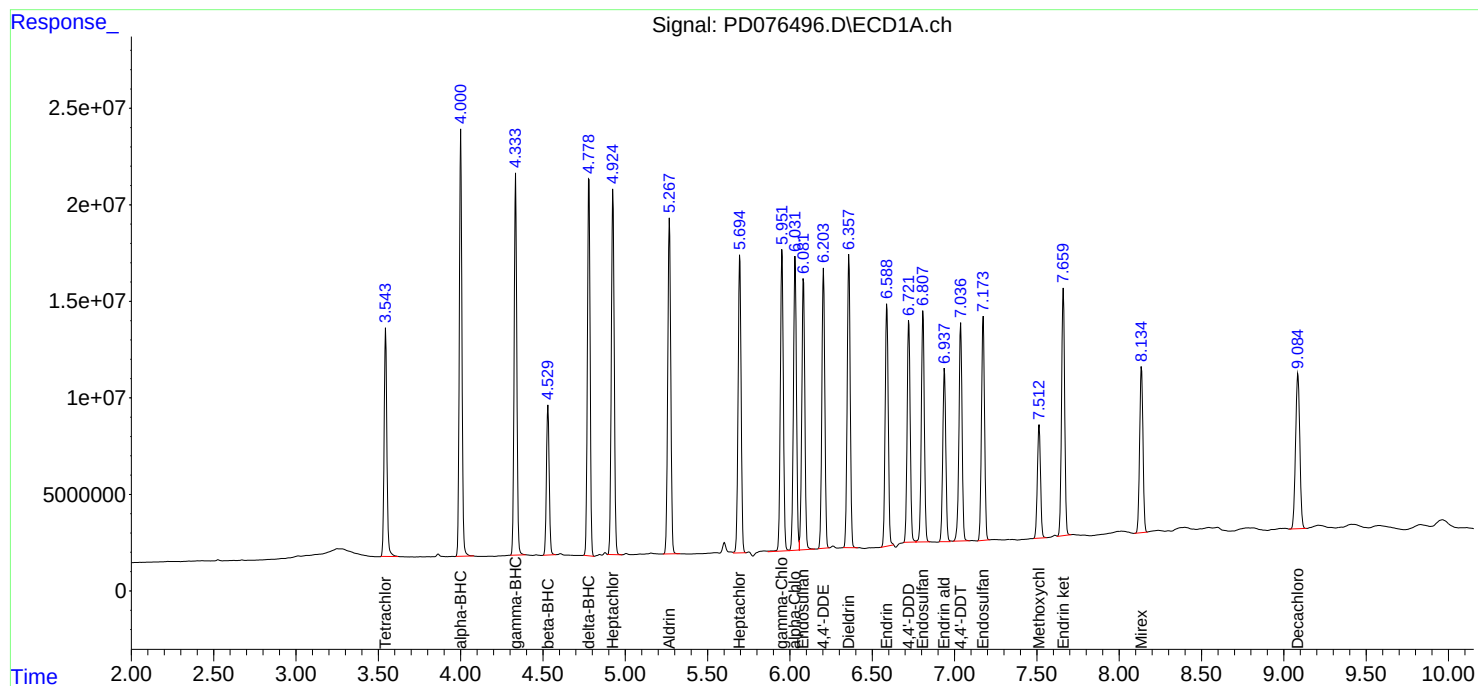
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

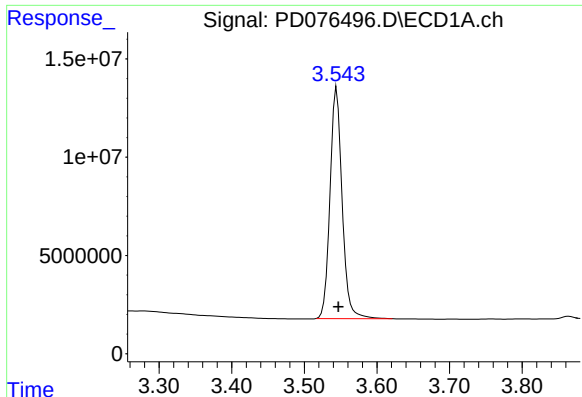
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 07:22:48 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. : 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





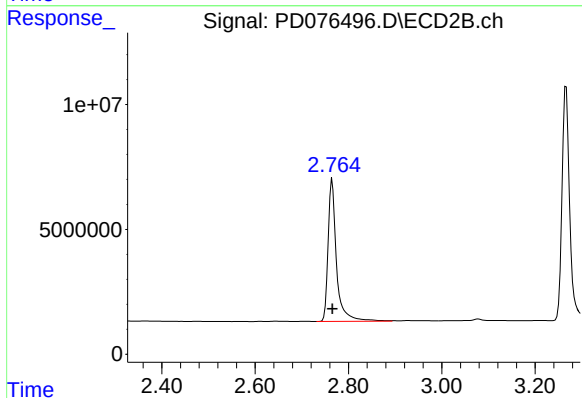
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 136867073
Conc: 41.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

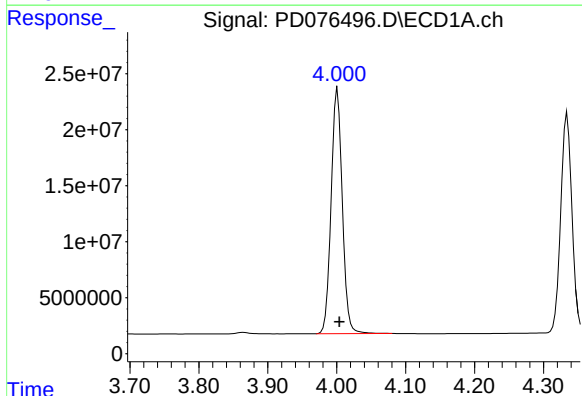
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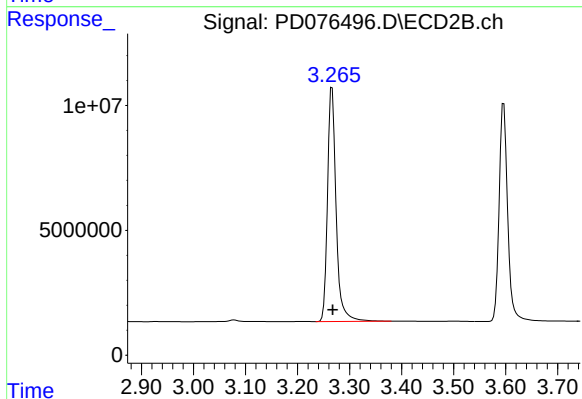
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 71294003
Conc: 44.88 ng/ml



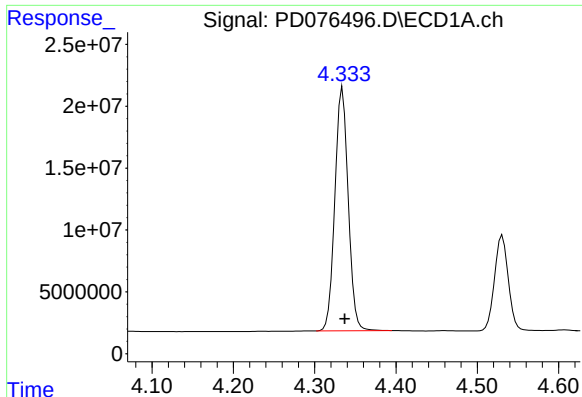
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.003 min
Response: 246652844
Conc: 42.59 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 108003629
Conc: 44.83 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.003 min
Response: 223867912
Conc: 42.76 ng/ml

Instrument :

ECD_D

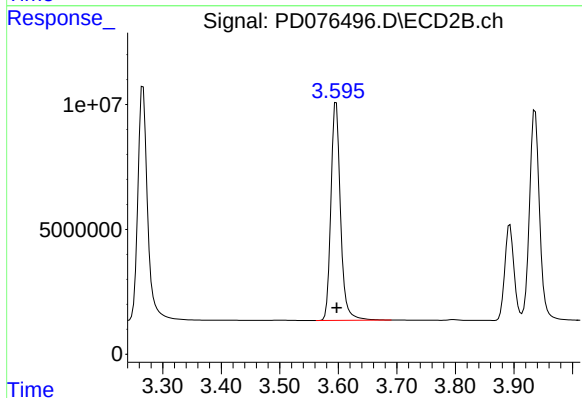
ClientSampleId :

PSTDCCC050

Manual Integrations

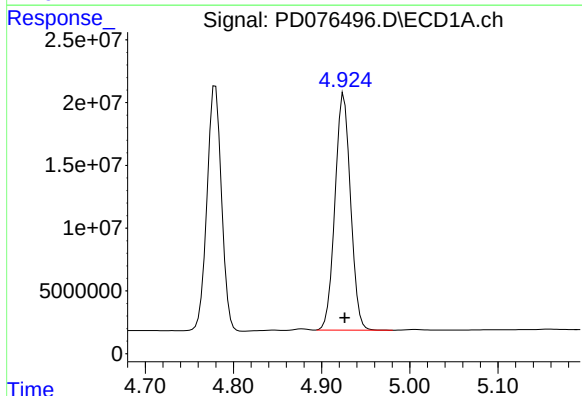
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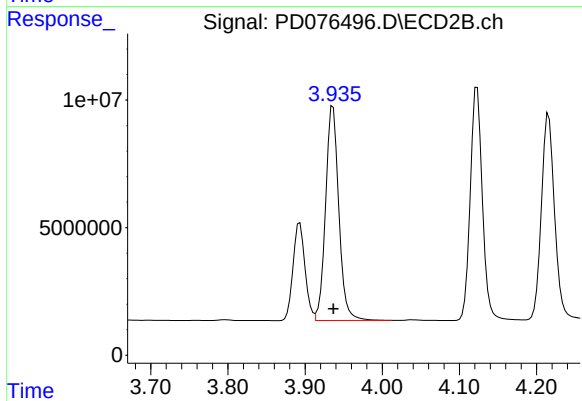
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 99413906
Conc: 44.65 ng/ml



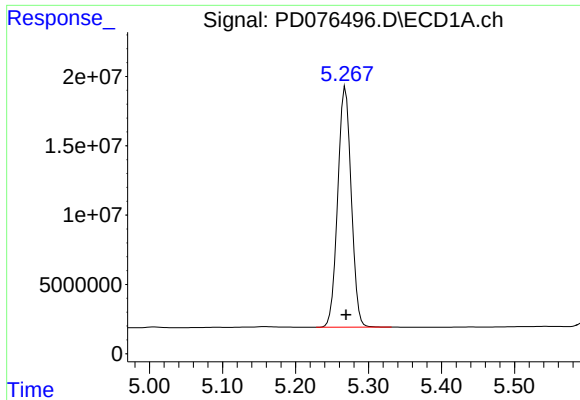
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 231083095
Conc: 42.01 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 100763228
Conc: 44.36 ng/ml



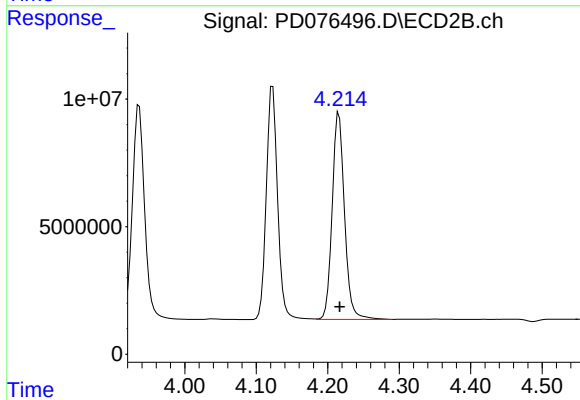
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 222497254
Conc: 41.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

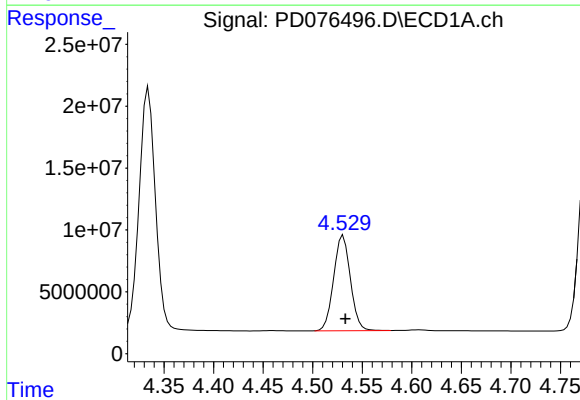
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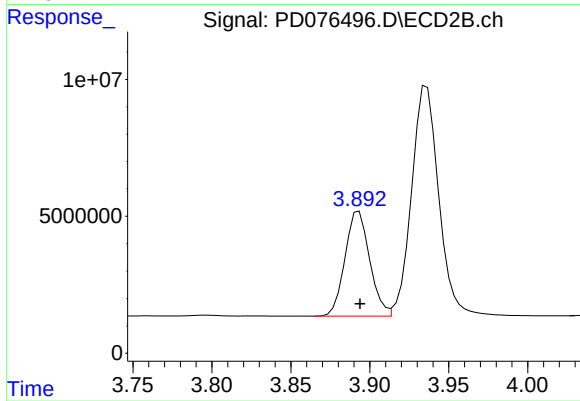
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.001 min
Response: 97337266
Conc: 43.92 ng/ml



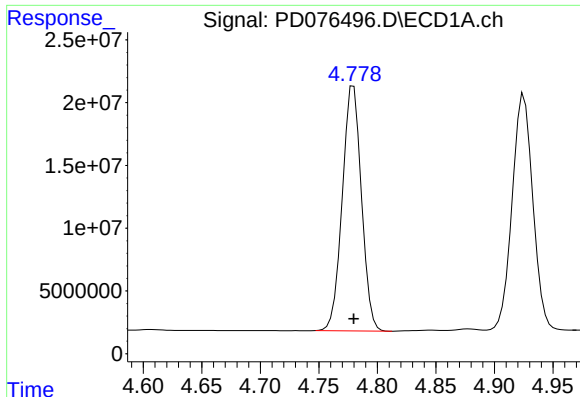
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 90430564
Conc: 43.14 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 41752117
Conc: 46.95 ng/ml



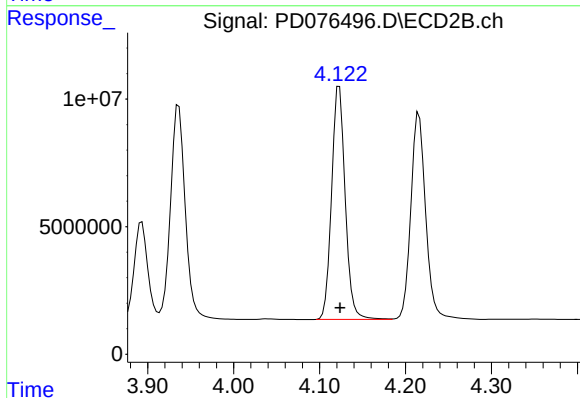
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 222276259
Conc: 43.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

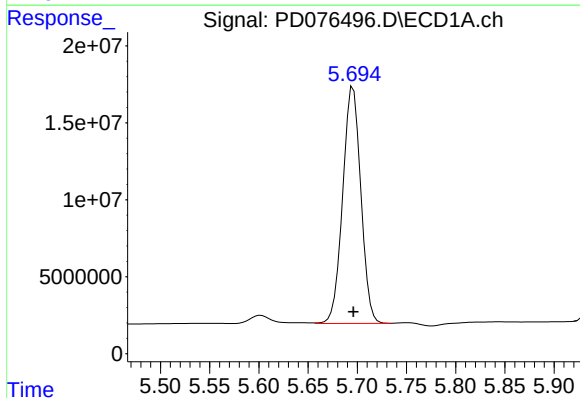
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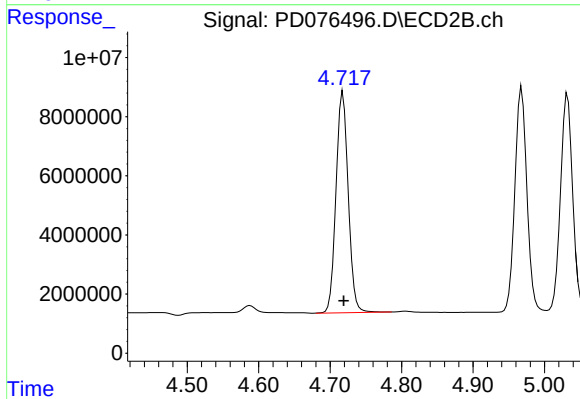
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 100337312
Conc: 47.72 ng/ml



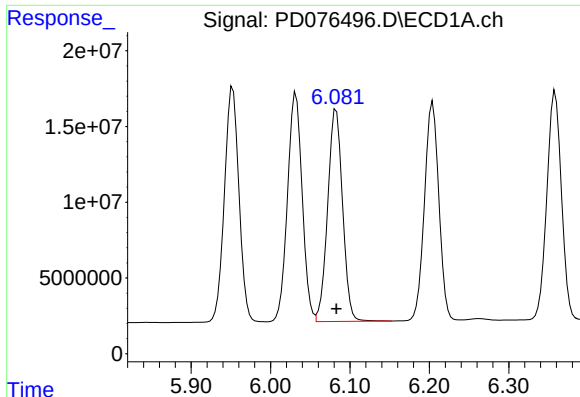
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 197361021
Conc: 40.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: -0.001 min
Response: 88556459
Conc: 44.29 ng/ml



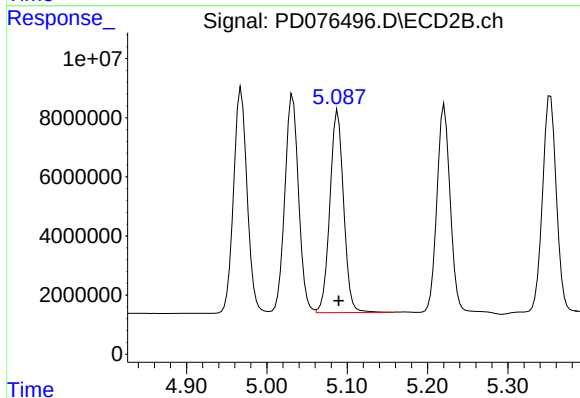
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 182533929
Conc: 40.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

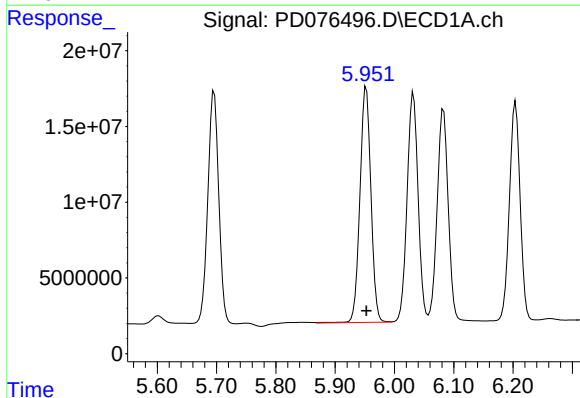
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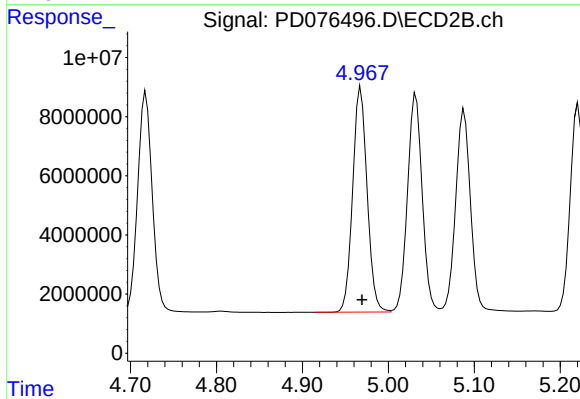
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.001 min
Response: 81551620
Conc: 43.55 ng/ml



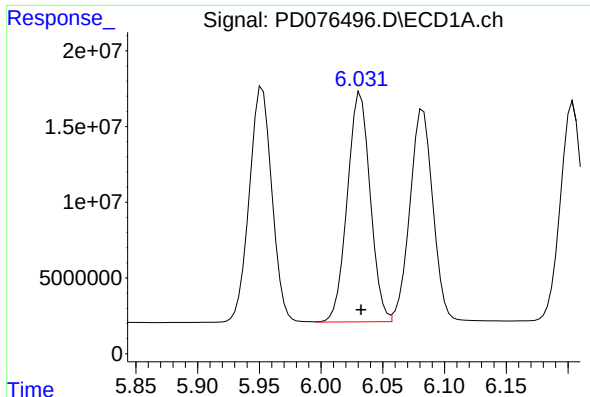
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 199792140
Conc: 41.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.002 min
Response: 89122919
Conc: 44.76 ng/ml



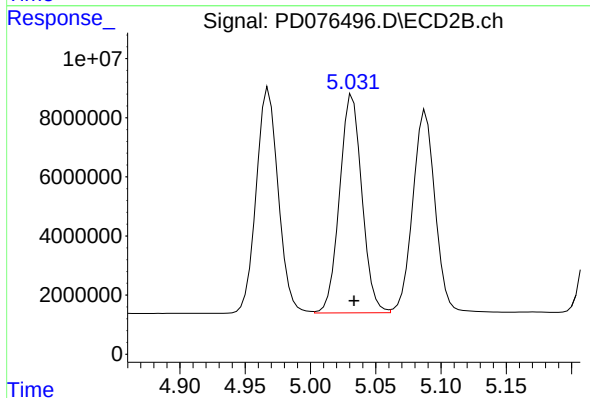
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 195354524
Conc: 40.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

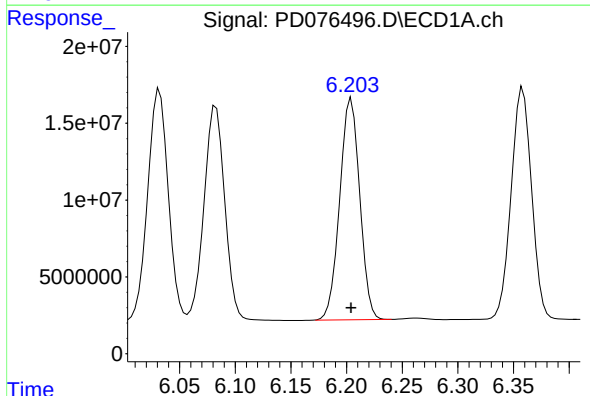
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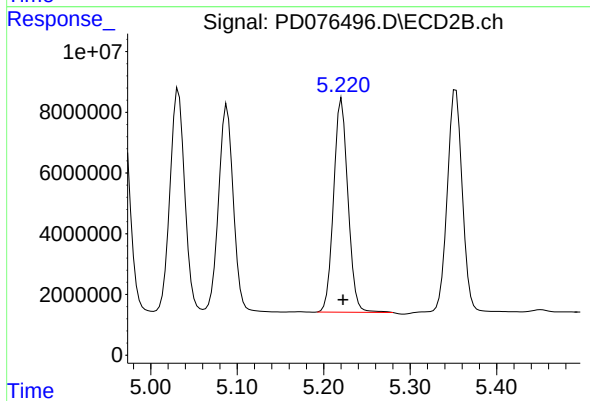
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.001 min
Response: 87935154
Conc: 44.25 ng/ml



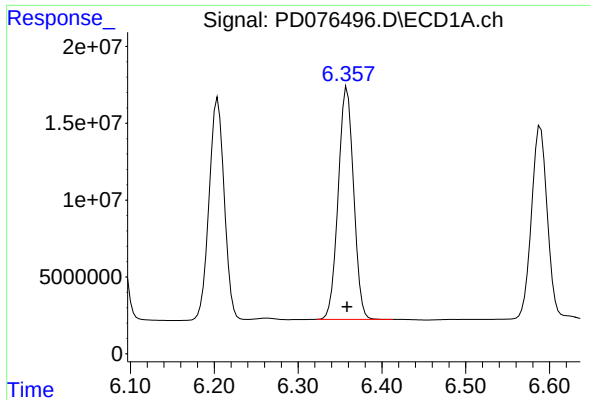
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 180588531
Conc: 42.54 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 80838233
Conc: 52.59 ng/ml



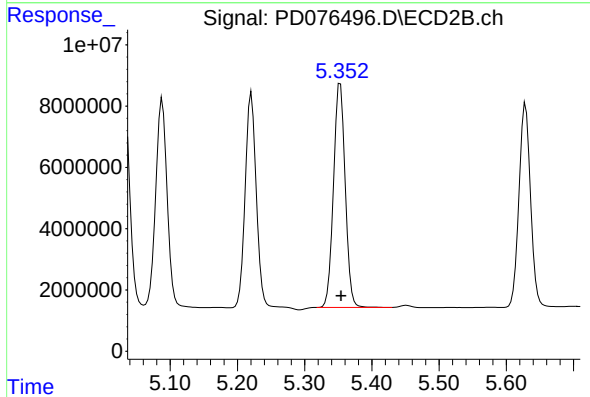
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 192807549
Conc: 41.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

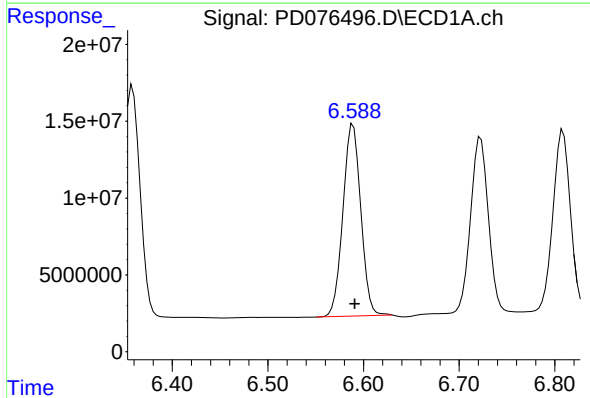
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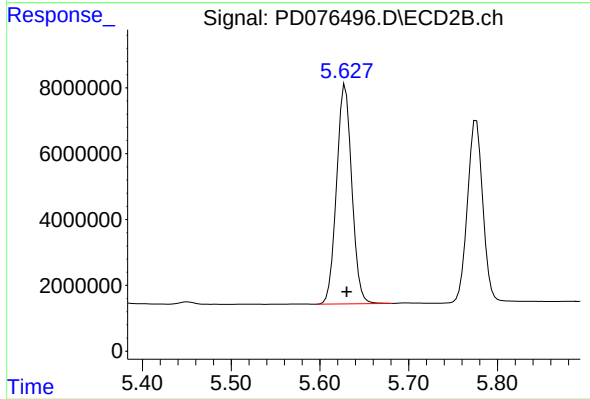
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.001 min
Response: 87716839
Conc: 44.53 ng/ml



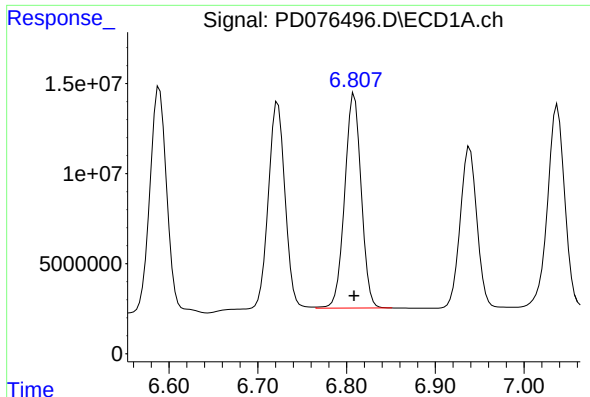
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 163010278
Conc: 40.94 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.001 min
Response: 79467444
Conc: 45.02 ng/ml



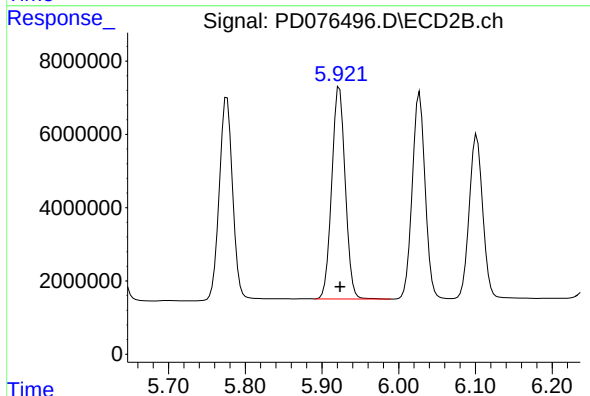
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 153714774
Conc: 41.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

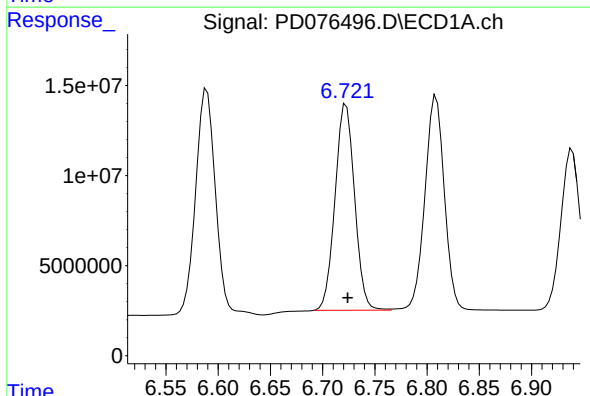
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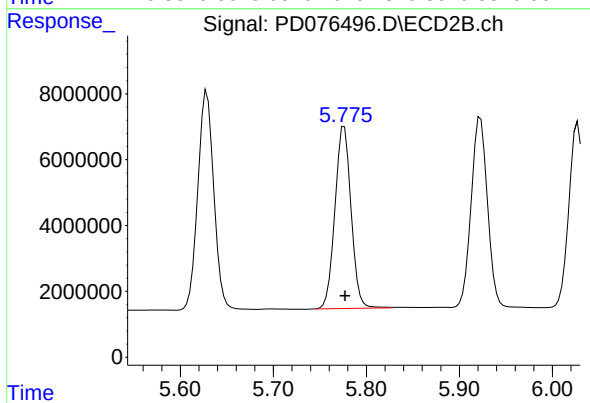
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 70643099
Conc: 45.53 ng/ml



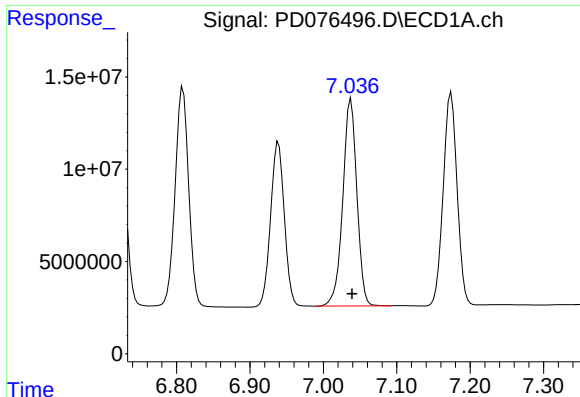
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 148806504
Conc: 44.29 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 66585853
Conc: 55.09 ng/ml



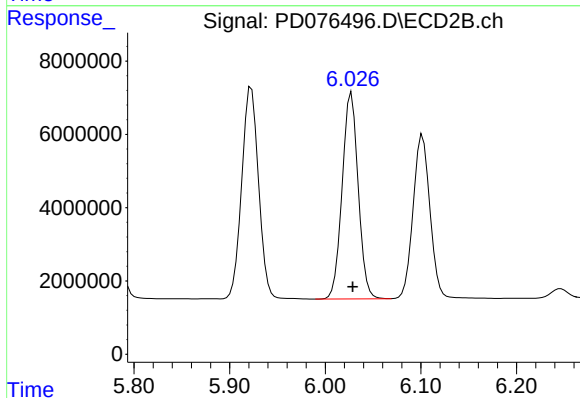
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: -0.001 min
Response: 149760561
Conc: 42.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

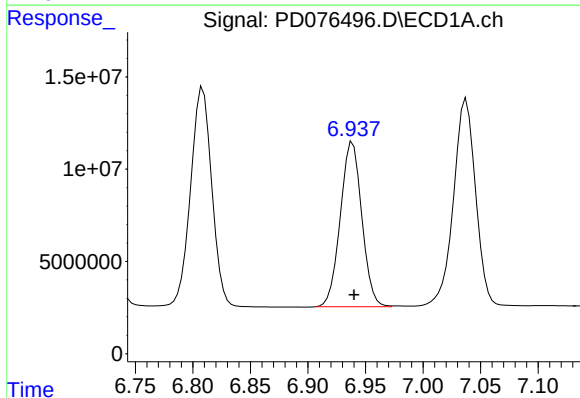
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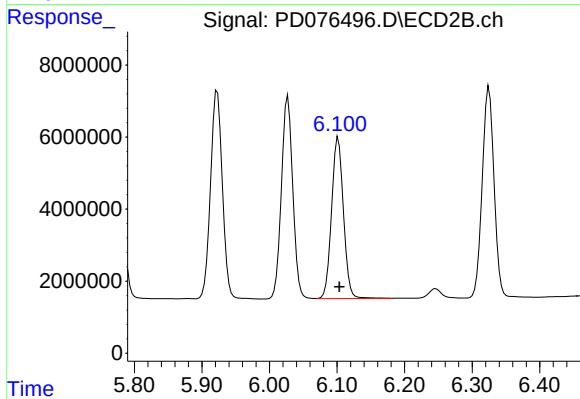
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 65762782
Conc: 54.34 ng/ml



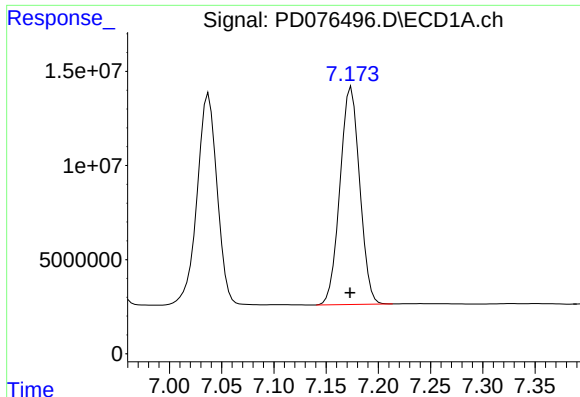
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 116356028
Conc: 42.45 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 54914114
Conc: 48.05 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.001 min
Response: 151626271
Conc: 41.04 ng/ml

Instrument :

ECD_D

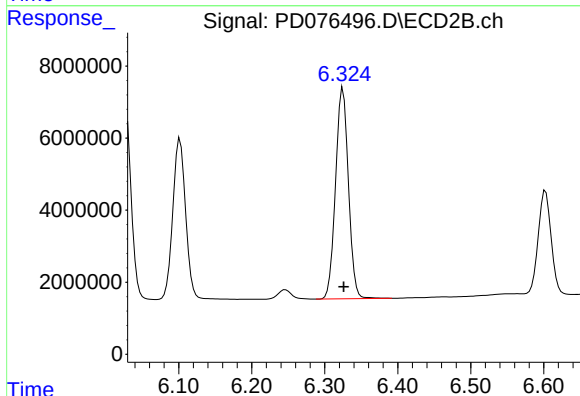
ClientSampleId :

PSTDCCC050

Manual Integrations

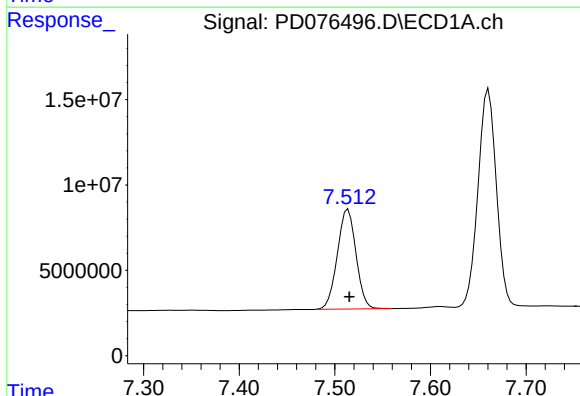
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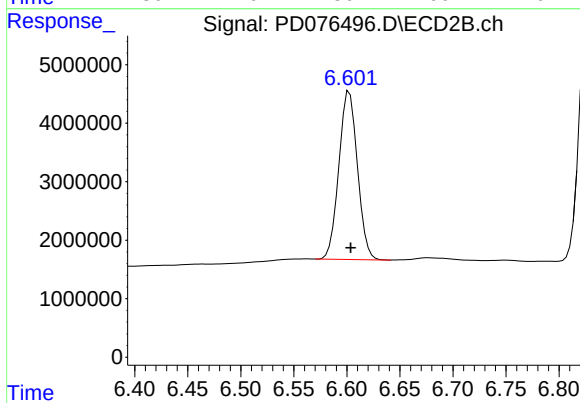
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 71787861
Conc: 47.25 ng/ml



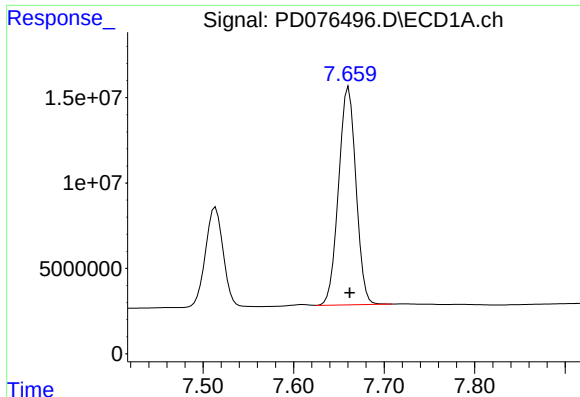
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 79446661
Conc: 41.57 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 35029388
Conc: 54.85 ng/ml



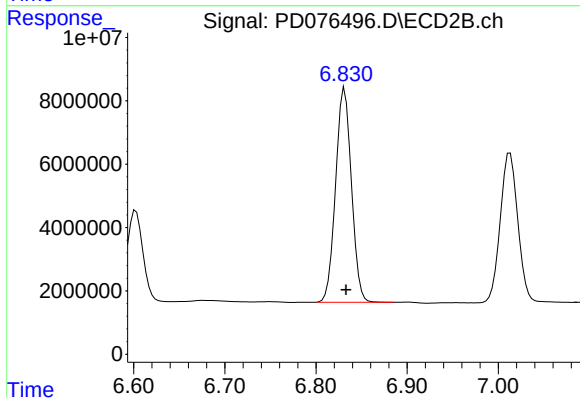
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 170409222
Conc: 40.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

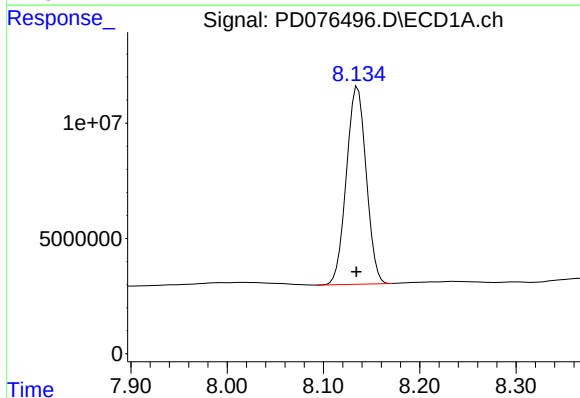
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Reviewed By :Abdul Mirza 07/11/2023
Supervised By :Ankita Jodhani 07/11/2023



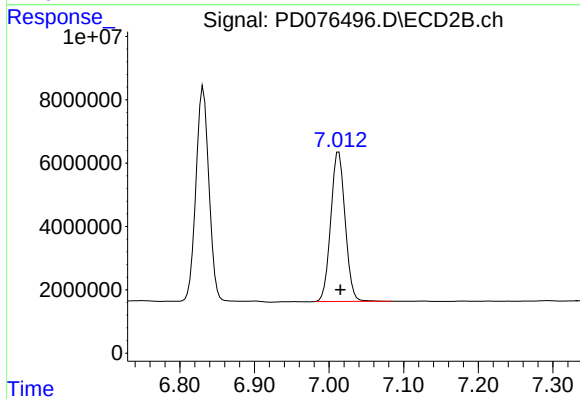
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 81662251
Conc: 46.72 ng/ml



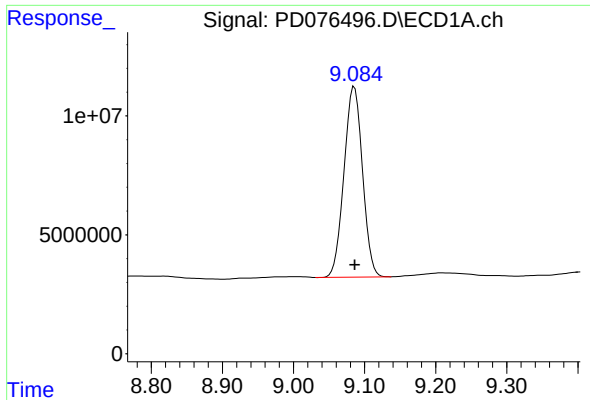
#22 Mirex

R.T.: 8.135 min
Delta R.T.: 0.001 min
Response: 122177961
Conc: 38.67 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 63307228
Conc: 42.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 144932940
Conc: 40.76 ng/ml

Instrument :

ECD_D

ClientSampleId :

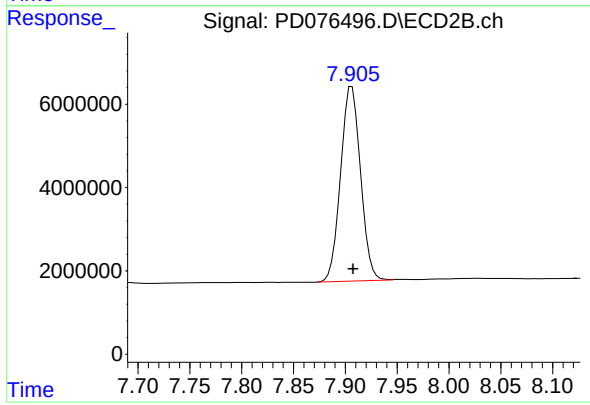
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/11/2023

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 62600380
Conc: 49.74 ng/ml