

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
 Data File : PD076177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2023 23:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/26/2023
 Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 05:36:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 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...	3.546	2.767	102.9E6	52038519	48.293	47.965
28)	SA Decachlor...	9.086	7.911	109.2E6	46297316	43.098	47.349
Target Compounds							
2)	A alpha-BHC	4.002	3.269	180.4E6	78850835	48.851	49.289
3)	MA gamma-BHC...	4.336	3.599	164.9E6	72841850	48.998	49.437
4)	MA Heptachlor	4.927	3.939	165.2E6	72200501	46.072	47.536
5)	MB Aldrin	5.270	4.219	164.8E6	74759336	47.034	50.134
6)	B beta-BHC	4.532	3.896	68384680	31689885	47.565	49.717
7)	B delta-BHC	4.780	4.126	165.3E6	75246004	49.728	51.930
8)	B Heptachlo...	5.696	4.721	153.0E6	66085849	47.496	48.110
9)	A Endosulfan I	6.084	5.091	138.5E6	58525582	46.179	45.787
10)	B gamma-Chl...	5.954	4.971	154.3E6	67088731	47.891	48.894
11)	B alpha-Chl...	6.033	5.036	150.2E6	66171274	46.447	48.238
12)	B 4,4'-DDE	6.205	5.225	136.4E6	60925302	47.725	54.585
13)	MA Dieldrin	6.359	5.356	144.3E6	66390727	46.167	49.209
14)	MA Endrin	6.590	5.632	115.6E6	55608704	43.214	45.694
15)	B Endosulfa...	6.809	5.926	116.3E6	53368817	45.014	49.468
16)	A 4,4'-DDD	6.724	5.780	116.6E6	53728081	51.223	60.967
17)	MA 4,4'-DDT	7.039	6.031	100.9E6	44198414	44.449	54.412
18)	B Endrin al...	6.937	6.106	90078600	42158089	44.891m	48.710
19)	B Endosulfa...	7.174	6.328	115.1E6	54189001	45.701	50.147
20)	A Methoxychlor	7.513	6.606	53870401	24942234	41.618	53.889 #
21)	B Endrin ke...	7.660	6.835	133.3E6	62706060	47.840	51.612
22)	Mirex	8.136	7.018	93116461	49117382	43.461	46.858

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
Data File : PD076177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2023 23:34
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

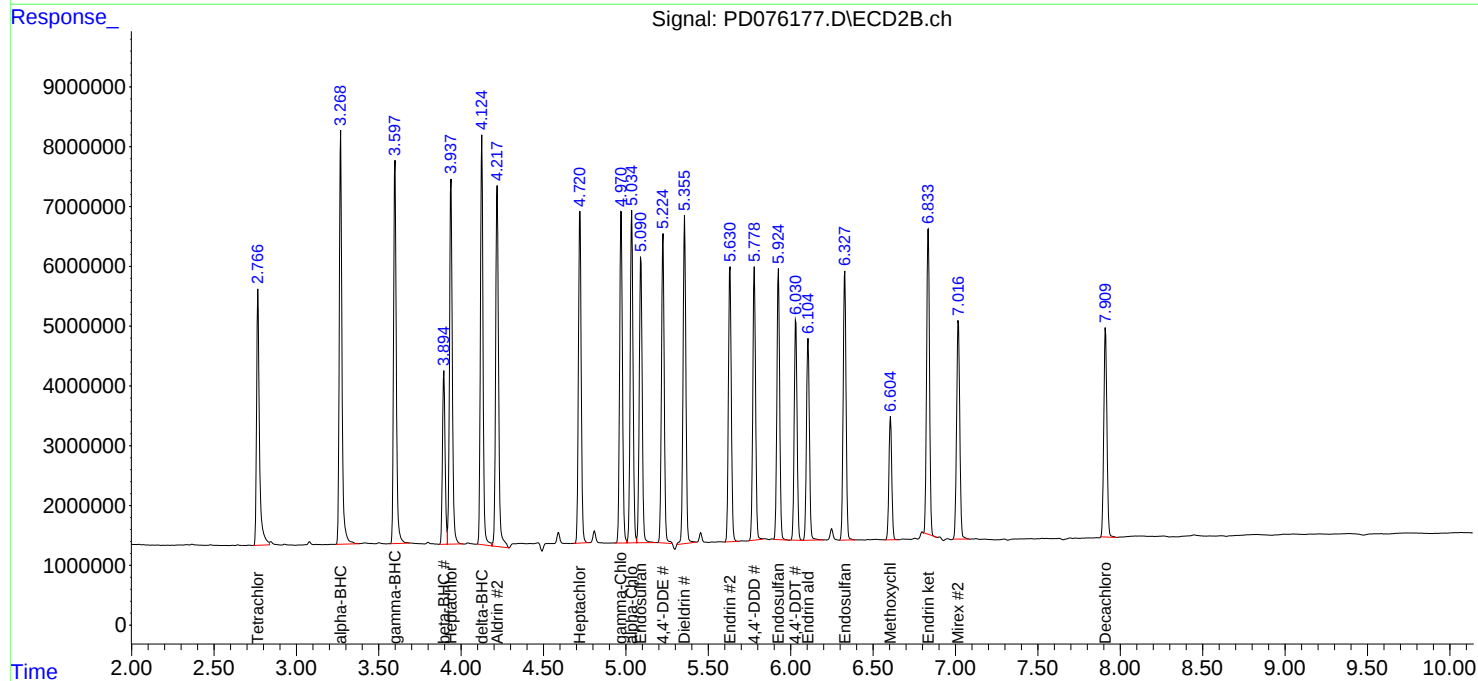
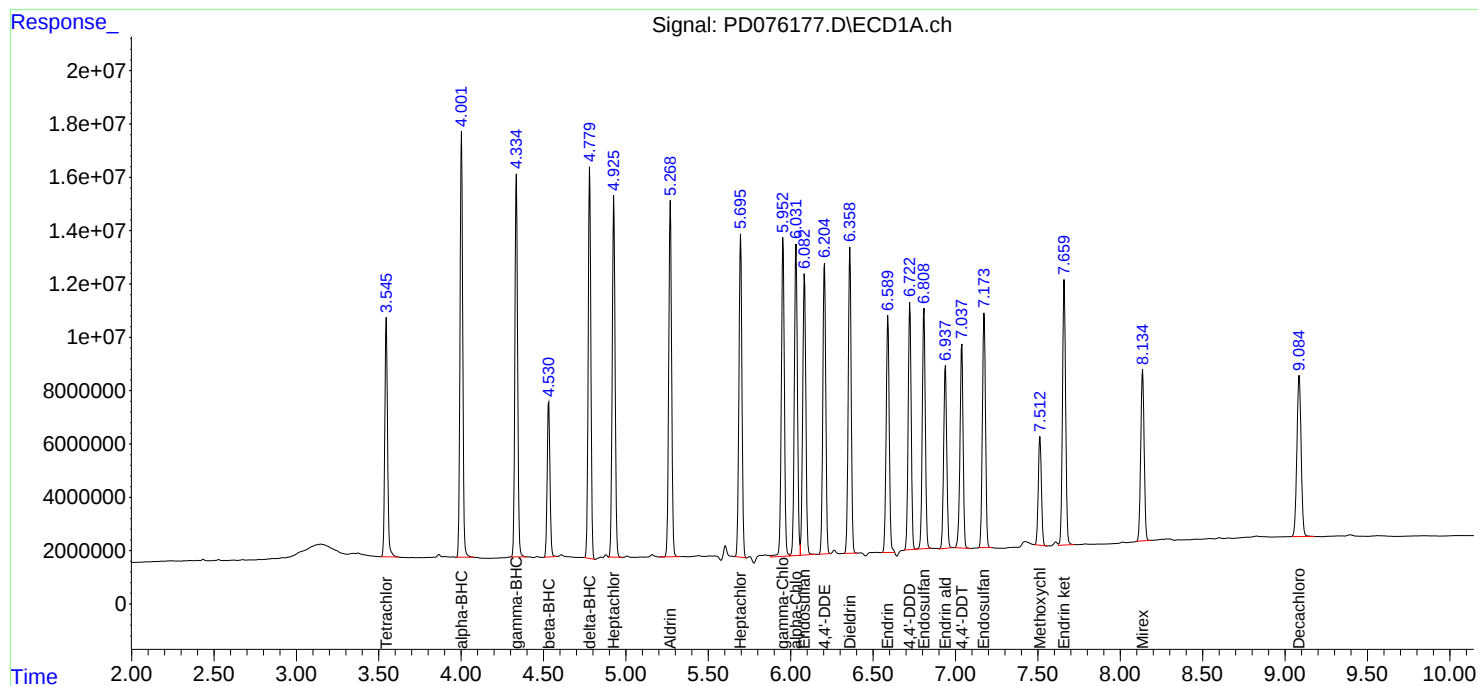
APPROVED

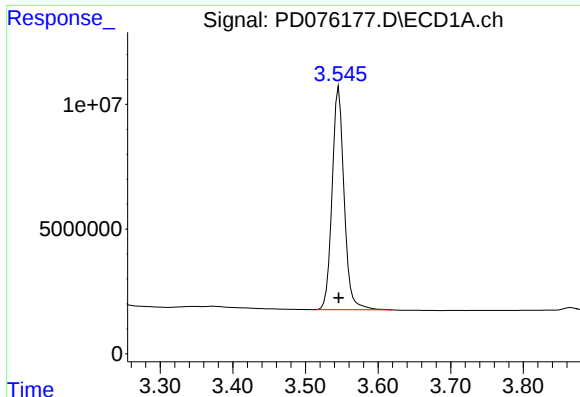
Reviewed By :Abdul Mirza 06/26/2023

Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 05:36:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





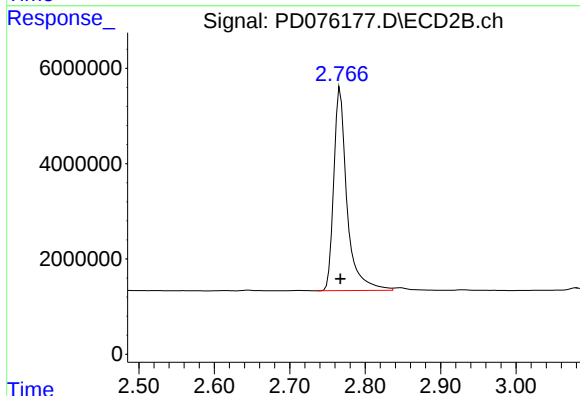
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 102871332
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

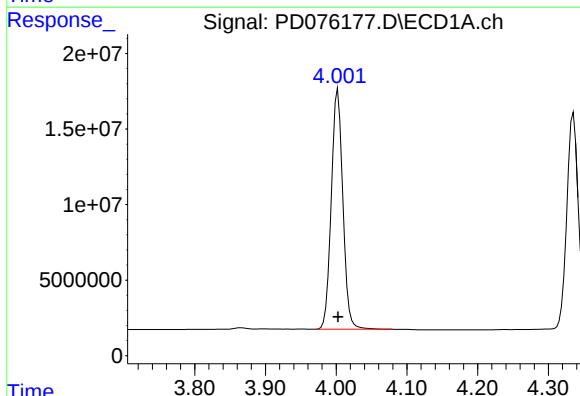
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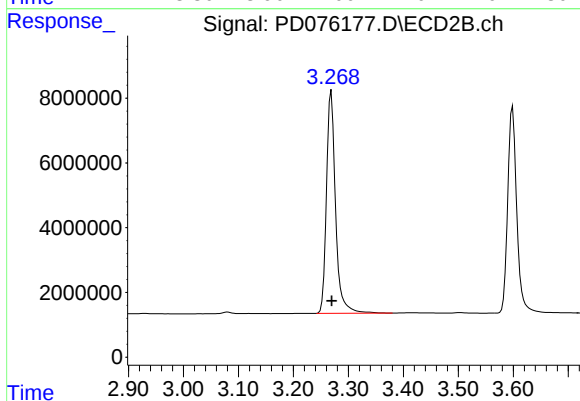
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 52038519
Conc: 47.96 ng/ml



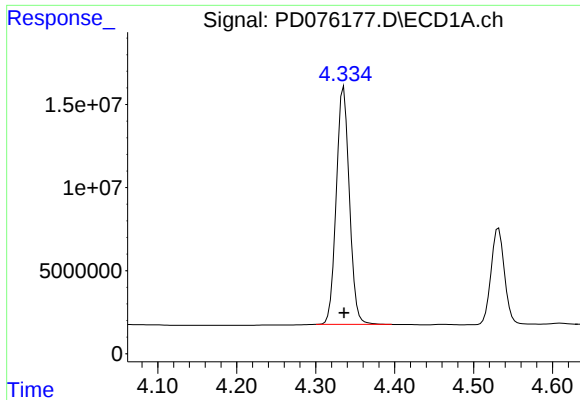
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 180364383
Conc: 48.85 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 78850835
Conc: 49.29 ng/ml



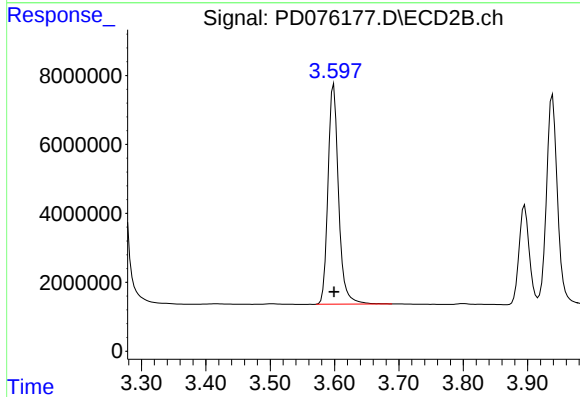
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 164874081
Conc: 49.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

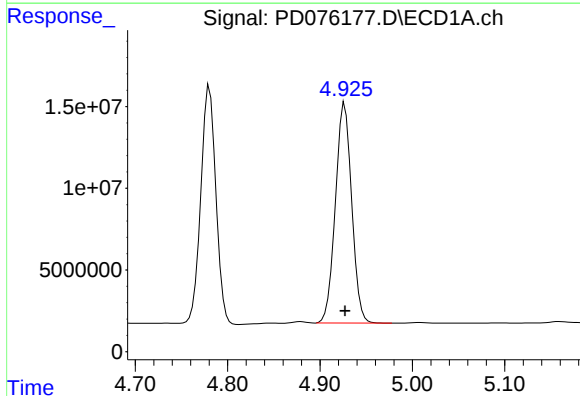
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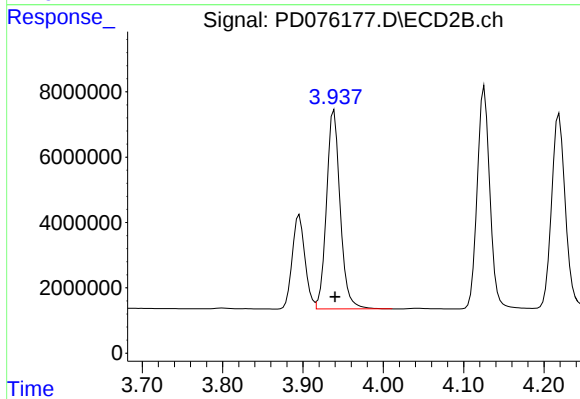
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 72841850
Conc: 49.44 ng/ml



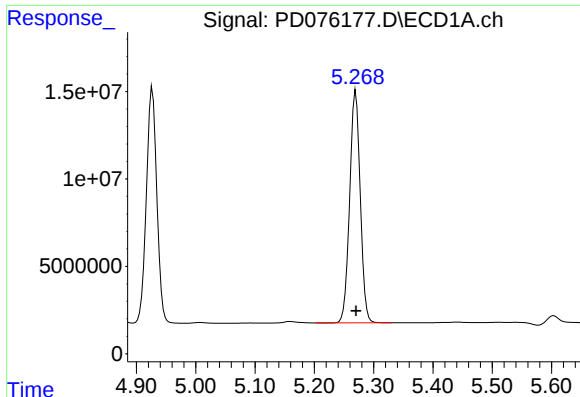
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 165241284
Conc: 46.07 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 72200501
Conc: 47.54 ng/ml



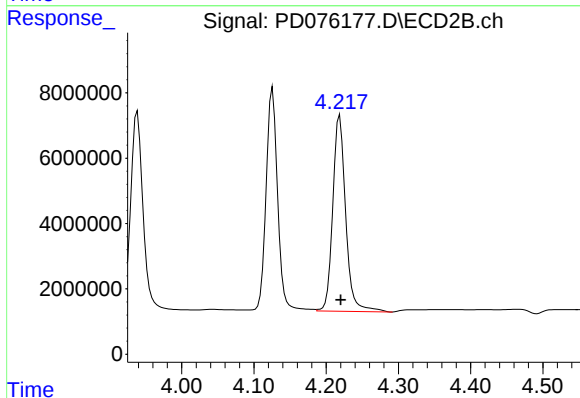
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 164818250
Conc: 47.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

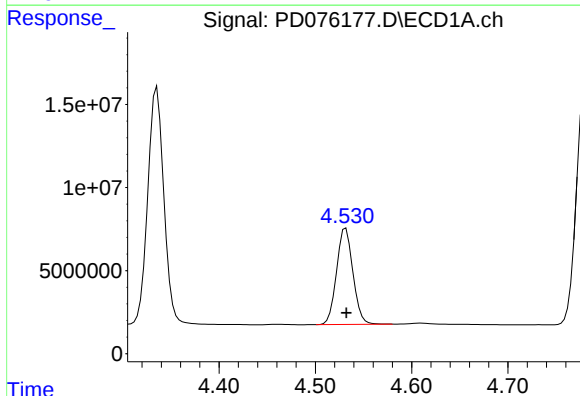
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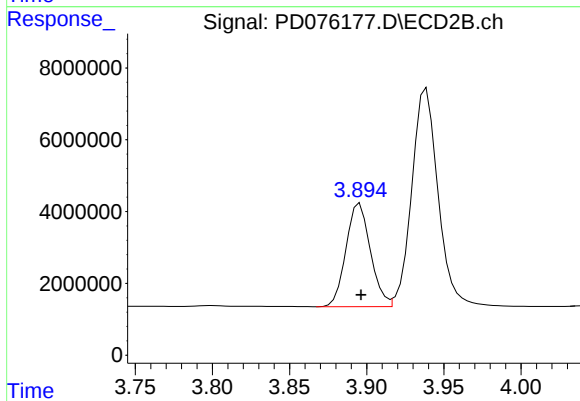
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.001 min
Response: 74759336
Conc: 50.13 ng/ml



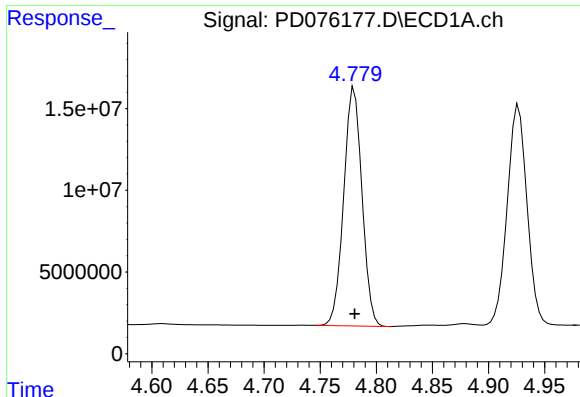
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 68384680
Conc: 47.56 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 31689885
Conc: 49.72 ng/ml



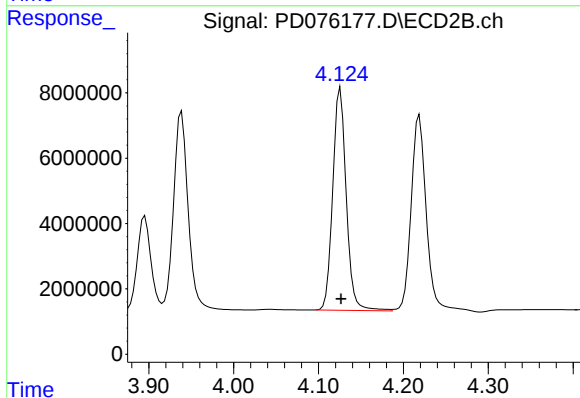
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 165280205
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

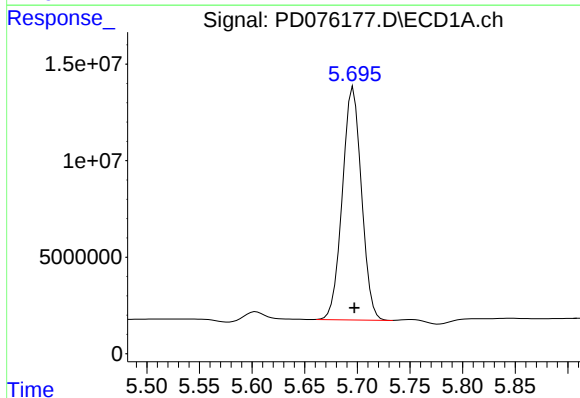
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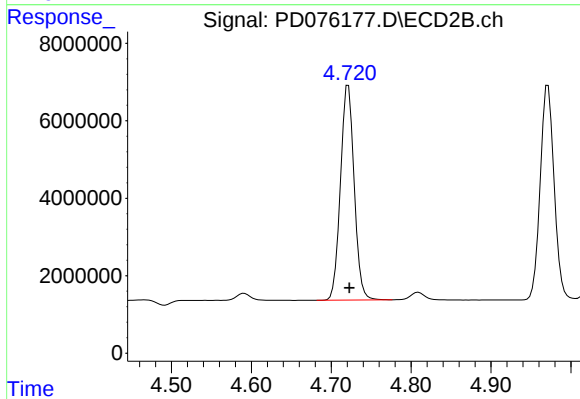
#7 delta-BHC

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 75246004
Conc: 51.93 ng/ml



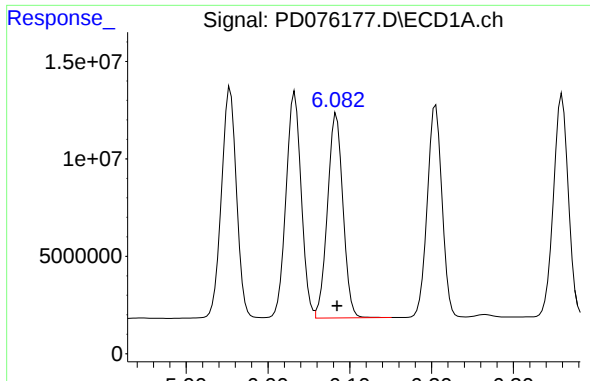
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 153045600
Conc: 47.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 66085849
Conc: 48.11 ng/ml



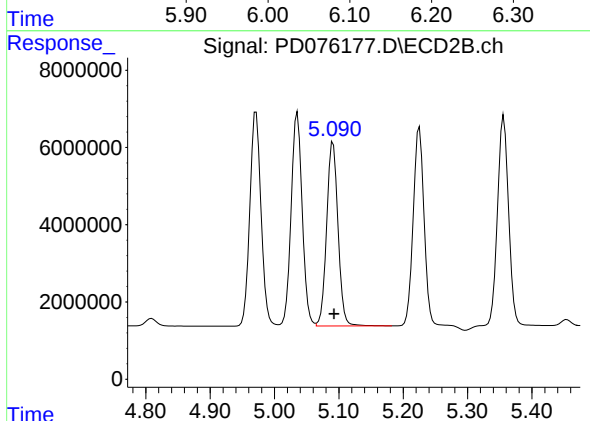
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: -0.001 min
Response: 138513812
Conc: 46.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

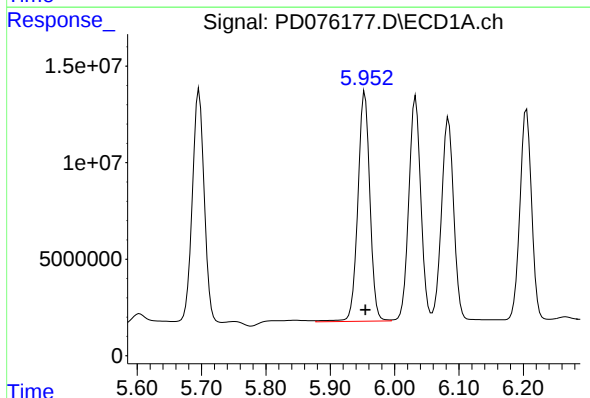
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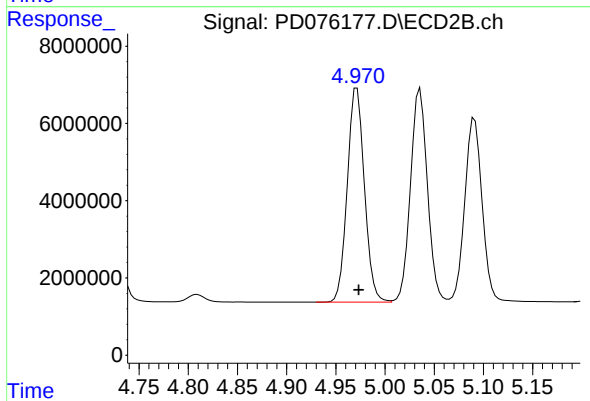
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 58525582
Conc: 45.79 ng/ml



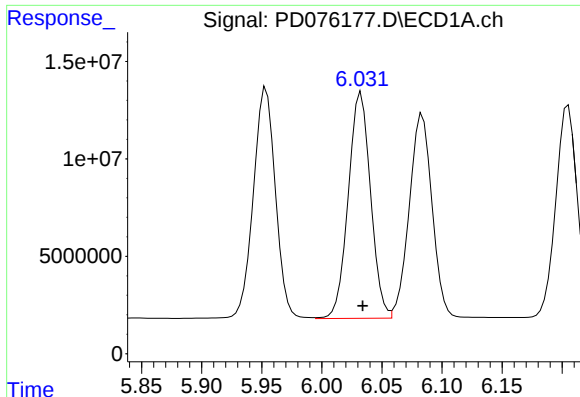
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 154274181
Conc: 47.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 67088731
Conc: 48.89 ng/ml



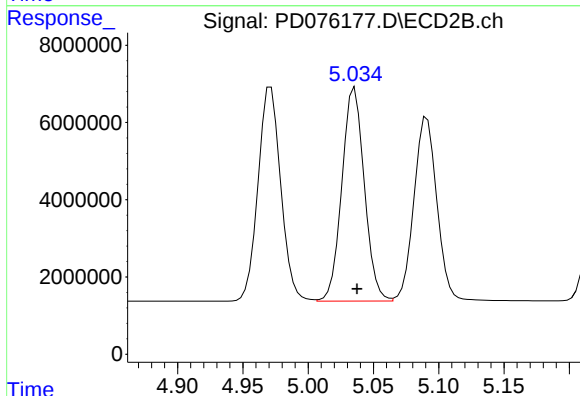
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 150156491
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

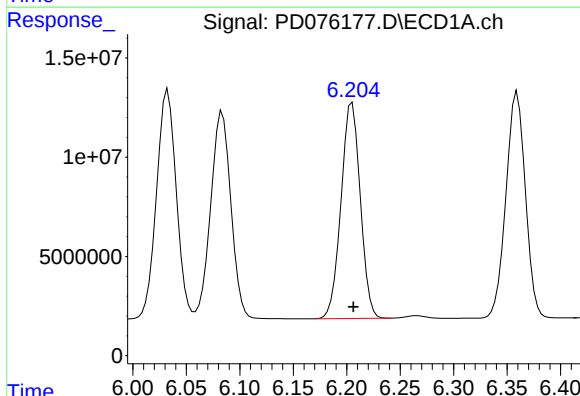
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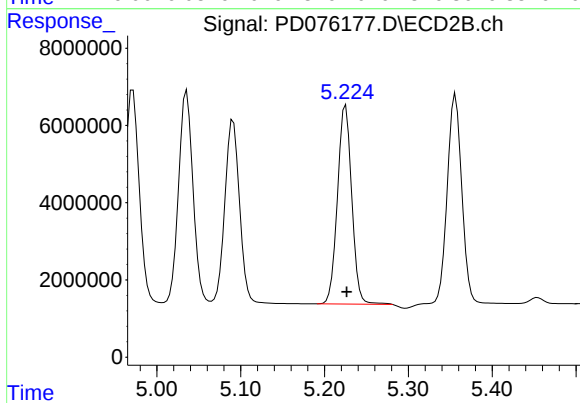
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 66171274
Conc: 48.24 ng/ml



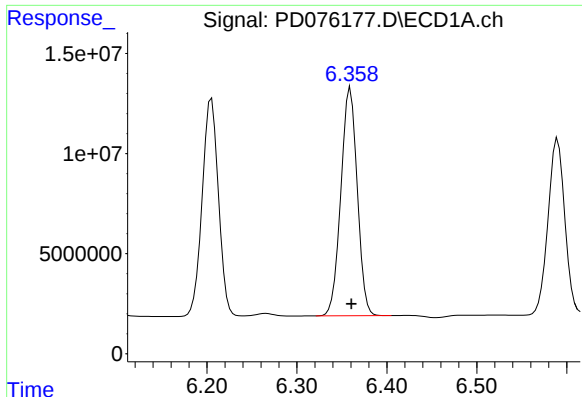
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 136404146
Conc: 47.72 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 60925302
Conc: 54.58 ng/ml



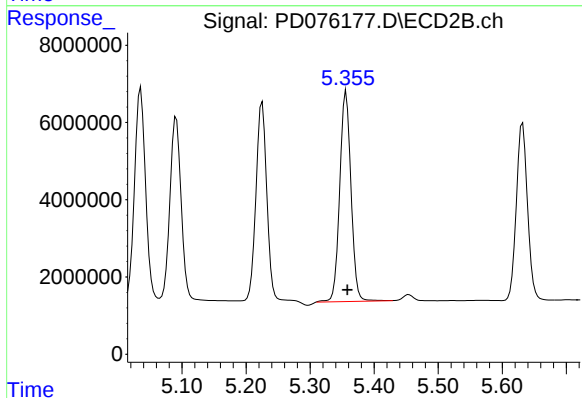
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: -0.001 min
Response: 144270350
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

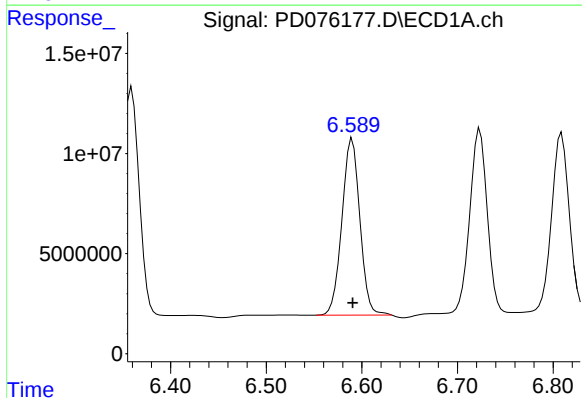
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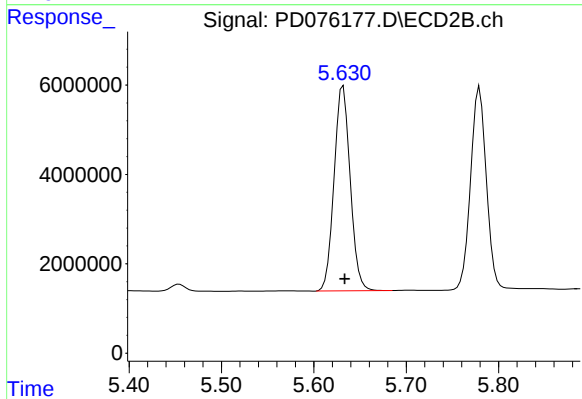
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 66390727
Conc: 49.21 ng/ml



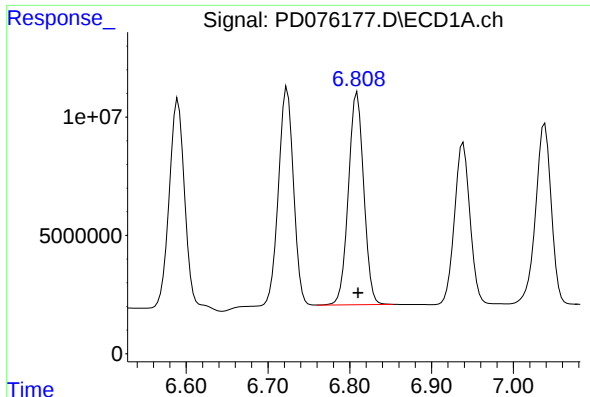
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 115569793
Conc: 43.21 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 55608704
Conc: 45.69 ng/ml



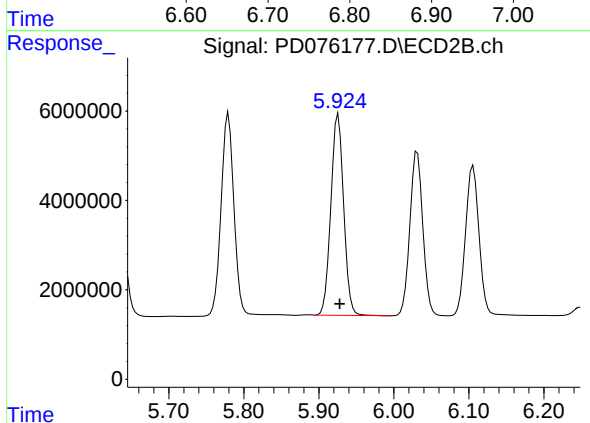
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: -0.001 min
Response: 116299621
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

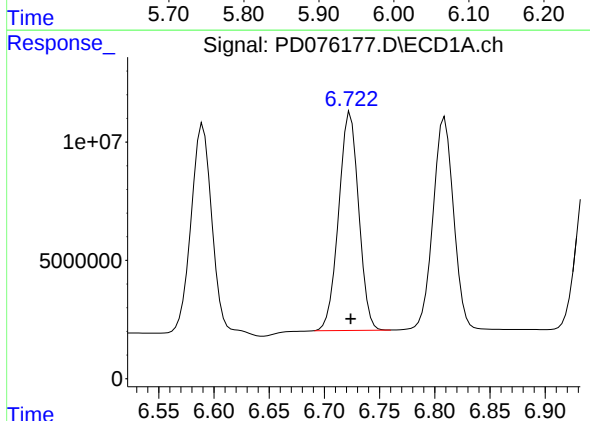
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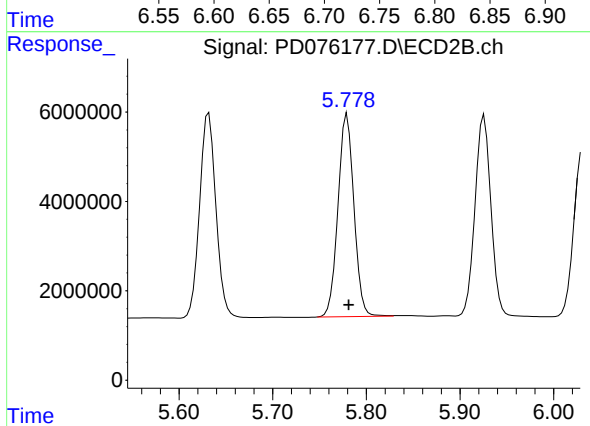
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 53368817
Conc: 49.47 ng/ml



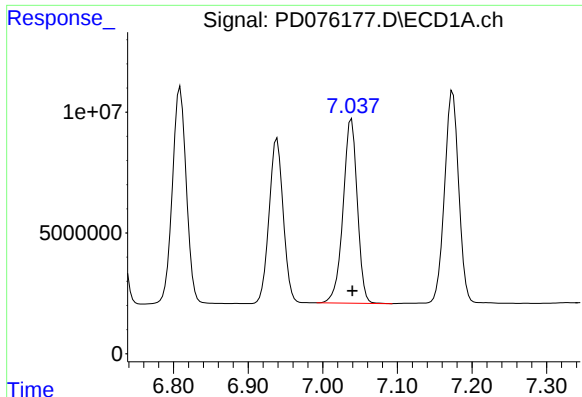
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 116565828
Conc: 51.22 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 53728081
Conc: 60.97 ng/ml



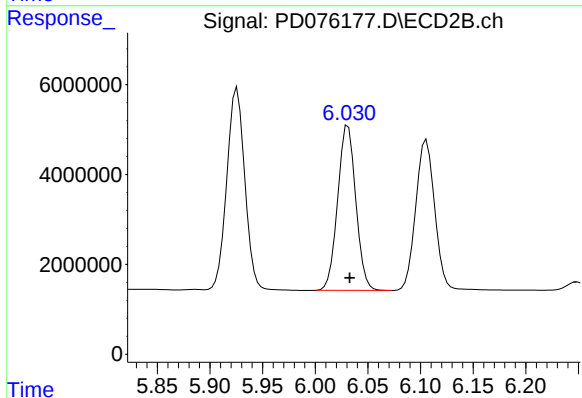
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.001 min
Response: 100866627
Conc: 44.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

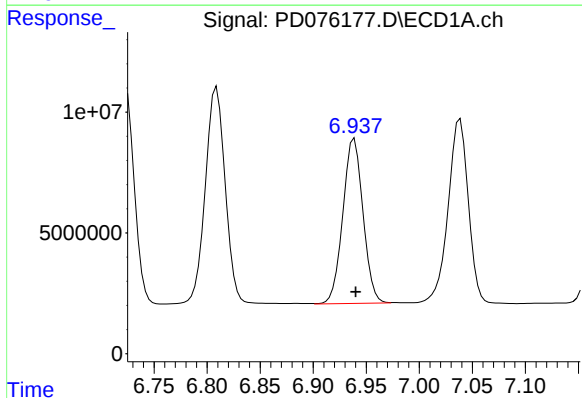
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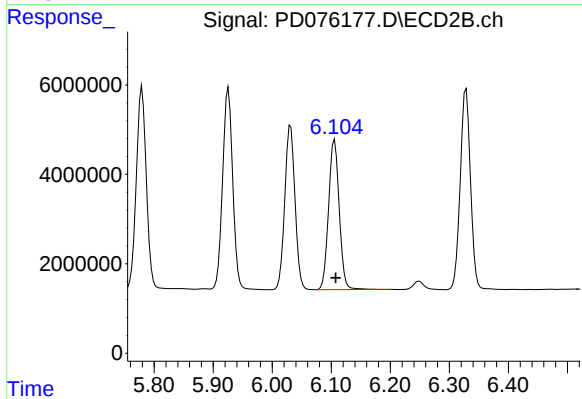
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 44198414
Conc: 54.41 ng/ml



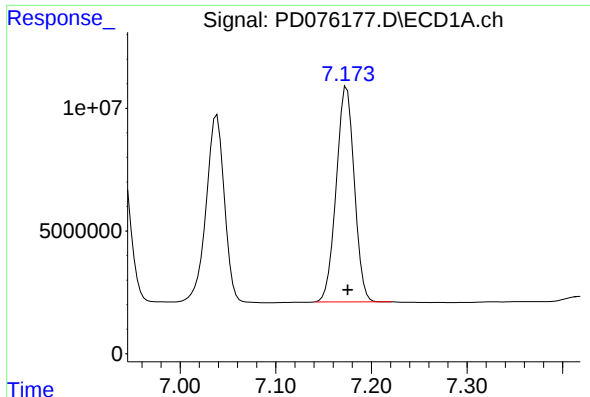
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 90078600
Conc: 44.89 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 42158089
Conc: 48.71 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 115135735
Conc: 45.70 ng/ml

Instrument :

ECD_D

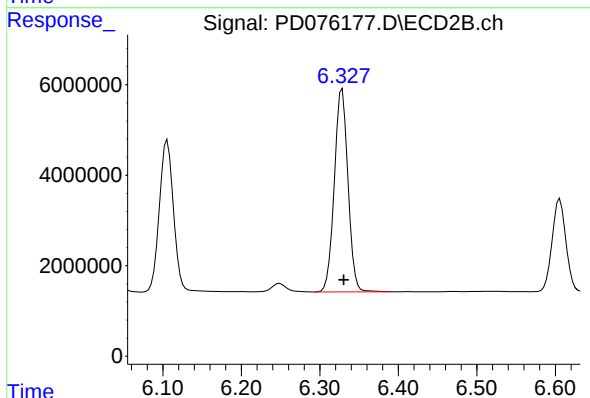
ClientSampleId :

PSTDCCC050

Manual Integrations

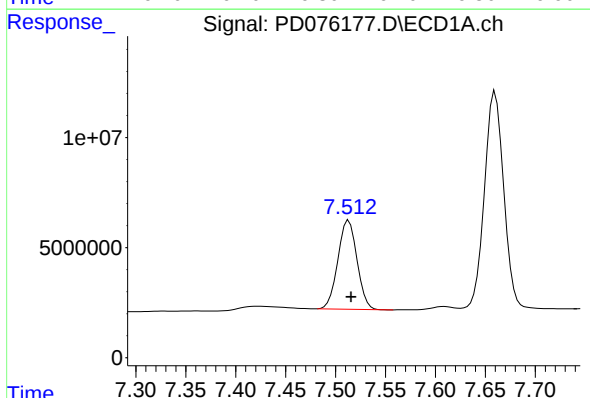
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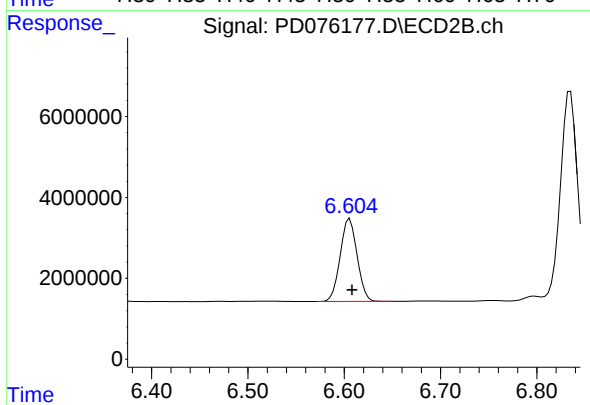
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 54189001
Conc: 50.15 ng/ml



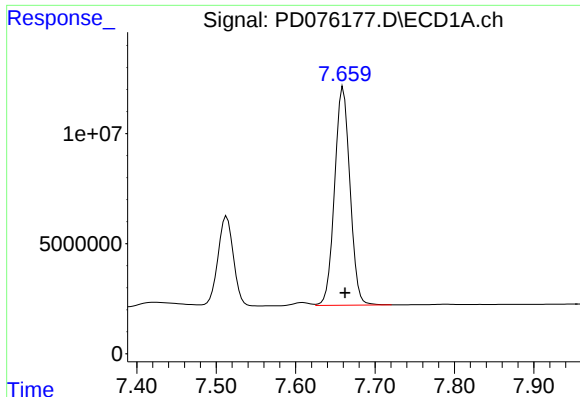
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.002 min
Response: 53870401
Conc: 41.62 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 24942234
Conc: 53.89 ng/ml



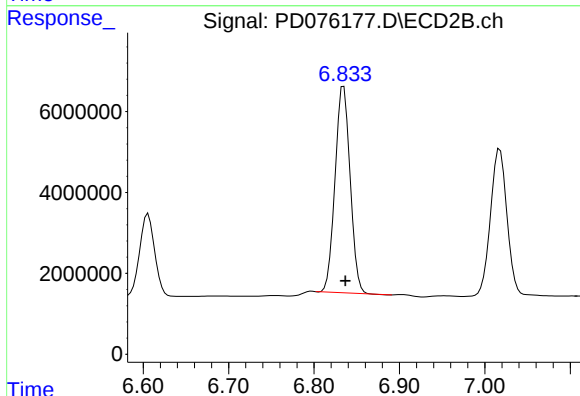
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 133278575
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

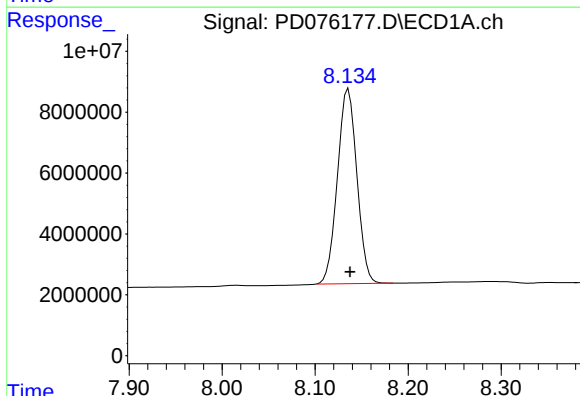
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2023
Supervised By :Ankita Jodhani 06/27/2023



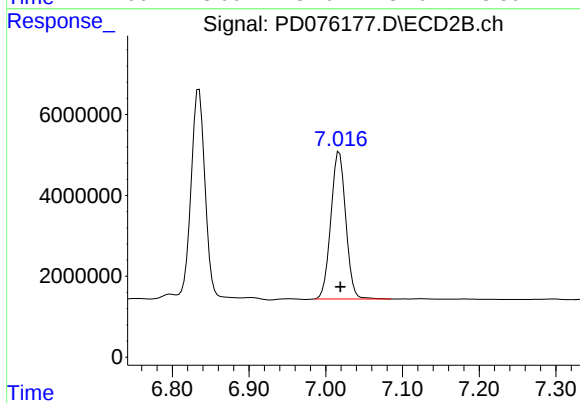
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 62706060
Conc: 51.61 ng/ml



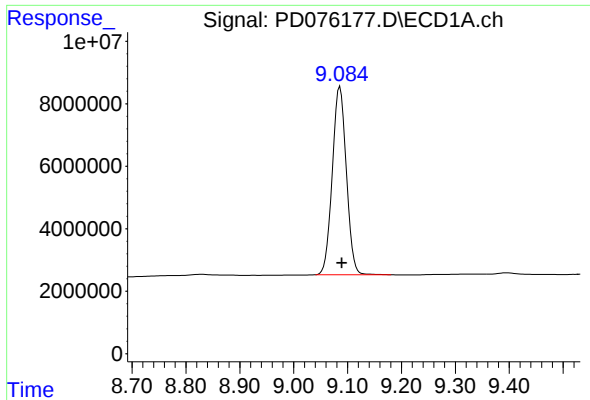
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 93116461
Conc: 43.46 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 49117382
Conc: 46.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.003 min
Response: 109183957
Conc: 43.10 ng/ml

Instrument :

ECD_D

ClientSampleId :

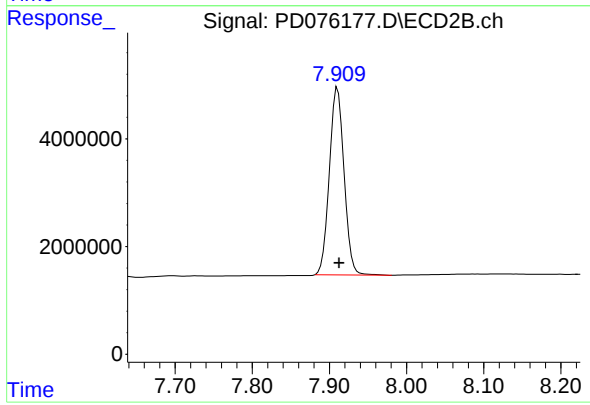
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 46297316
Conc: 47.35 ng/ml