

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 12:43
 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 10 22:23:55 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...	3.549	2.765	151.7E6	79949048	46.294	50.329
28)	SA Decachlor...	9.094	7.911	155.8E6	69446656	43.818	55.181 #
Target Compounds							
2)	A alpha-BHC	4.006	3.267	273.7E6	121.8E6	47.250	50.533
3)	MA gamma-BHC...	4.339	3.597	246.8E6	111.2E6	47.138	49.943
4)	MA Heptachlor	4.931	3.938	254.8E6	113.5E6	46.325	49.965
5)	MB Aldrin	5.274	4.218	246.0E6	109.5E6	46.005	49.408
6)	B beta-BHC	4.536	3.894	97109283	44692942	46.330	50.256
7)	B delta-BHC	4.785	4.125	227.3E6	108.8E6	44.221	51.749
8)	B Heptachlo...	5.701	4.720	208.6E6	99069876	43.298	49.554
9)	A Endosulfan I	6.089	5.091	202.8E6	92892842	45.459	49.605
10)	B gamma-Chl...	5.959	4.971	220.1E6	98975709	45.260	49.707
11)	B alpha-Chl...	6.038	5.035	216.9E6	98212205	45.139	49.423
12)	B 4,4'-DDE	6.210	5.224	197.6E6	83537864	46.541	54.349
13)	MA Dieldrin	6.364	5.356	213.8E6	98620776	45.700	50.069
14)	MA Endrin	6.595	5.632	178.5E6	88954250	44.837	50.396
15)	B Endosulfa...	6.815	5.926	171.7E6	78641373	46.231	50.681
16)	A 4,4'-DDD	6.728	5.779	156.9E6	66027353	46.711	54.632
17)	MA 4,4'-DDT	7.044	6.031	166.1E6	69772009	47.255	57.649
18)	B Endrin al...	6.943	6.106	130.7E6	62008305	47.681m	54.259
19)	B Endosulfa...	7.180	6.329	167.7E6	79612386	45.385	52.396
20)	A Methoxychlor	7.519	6.607	86506213	36058915	45.261	56.465
21)	B Endrin ke...	7.667	6.836	186.2E6	91413761	44.606	52.301
22)	Mirex	8.142	7.018	135.5E6	72598574	42.884	48.978

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 12:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

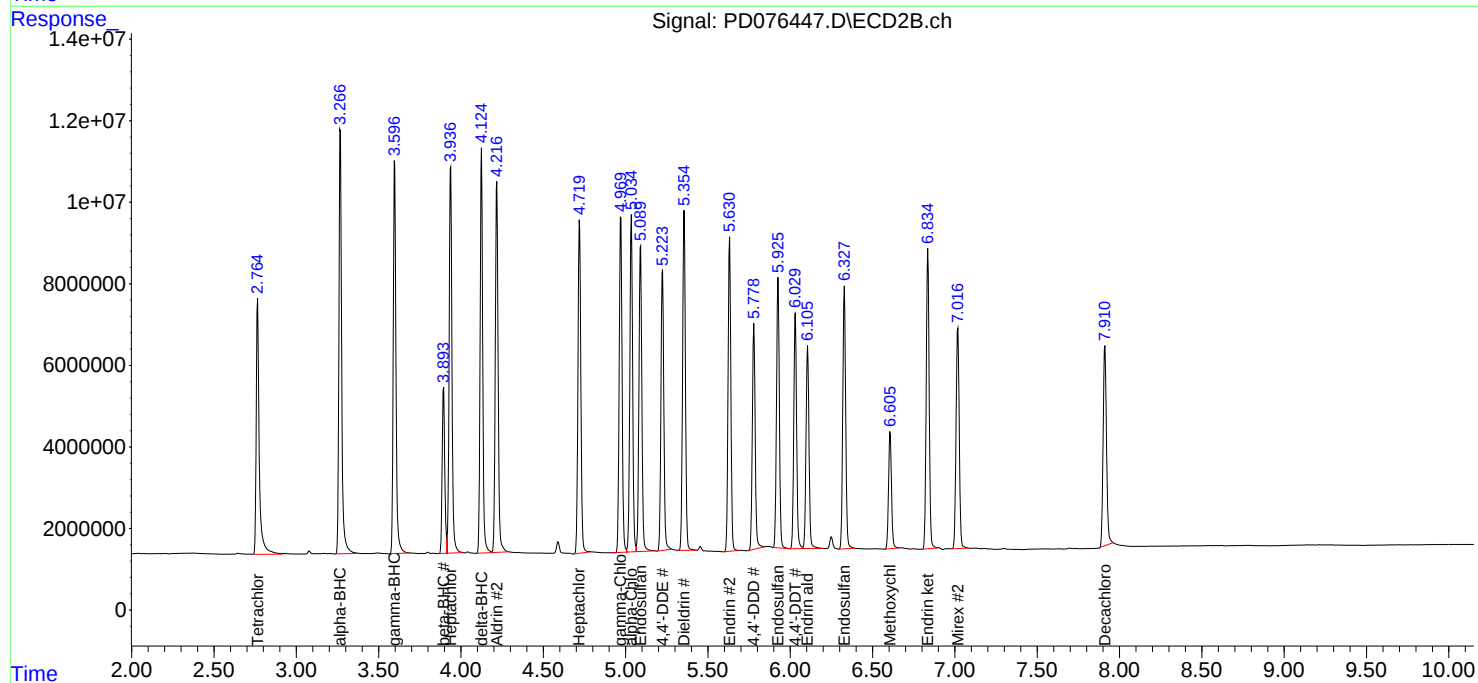
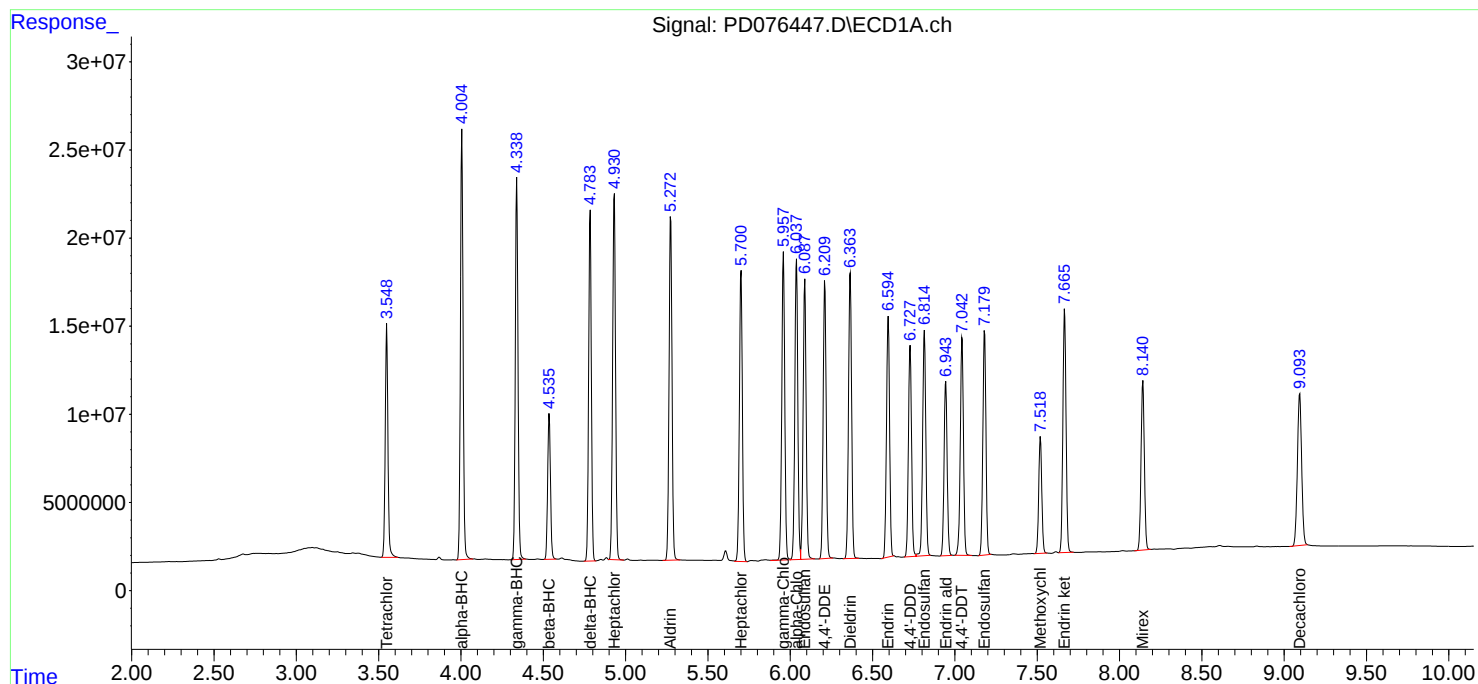
APPROVED

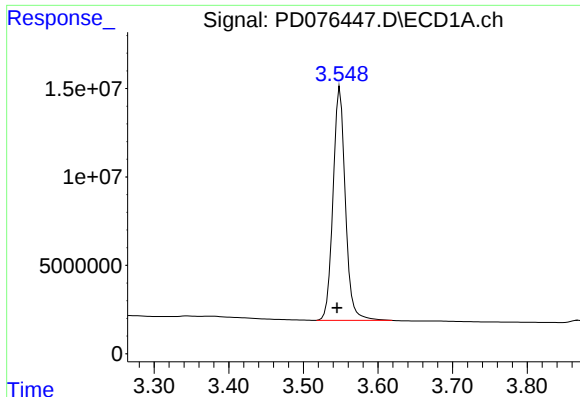
Reviewed By :Abdul Mirza 07/11/2023

Supervised By :Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:23:55 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.: 3.549 min
Delta R.T.: 0.004 min
Response: 151676790
Conc: 46.29 ng/ml

Instrument :

ECD_D

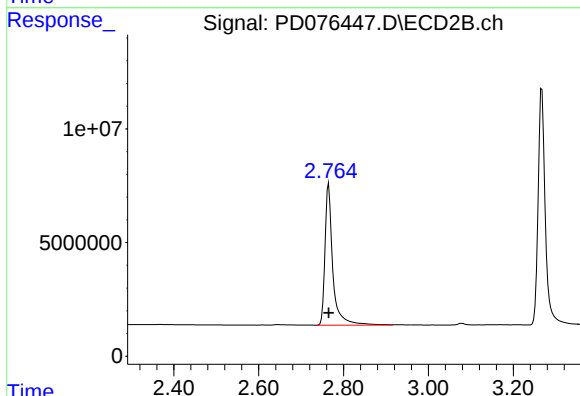
ClientSampleId :

PSTDCCC050

Manual Integrations

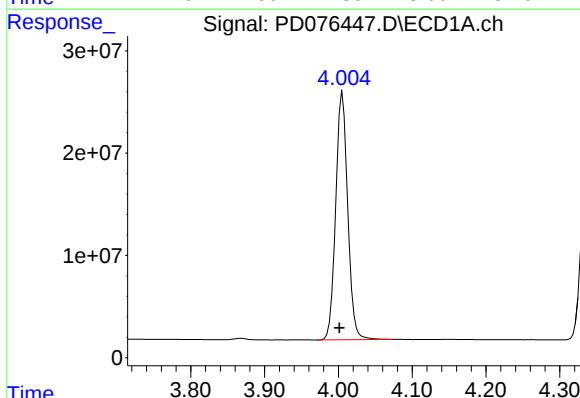
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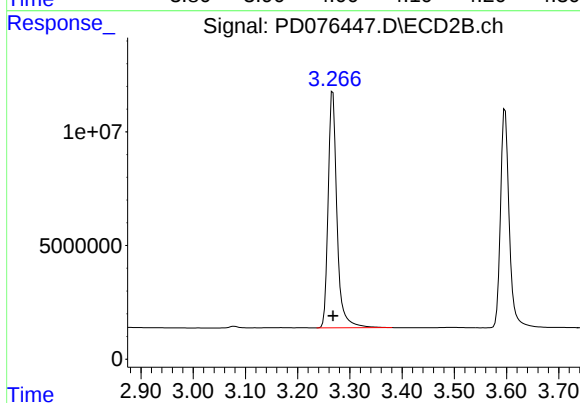
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 79949048
Conc: 50.33 ng/ml



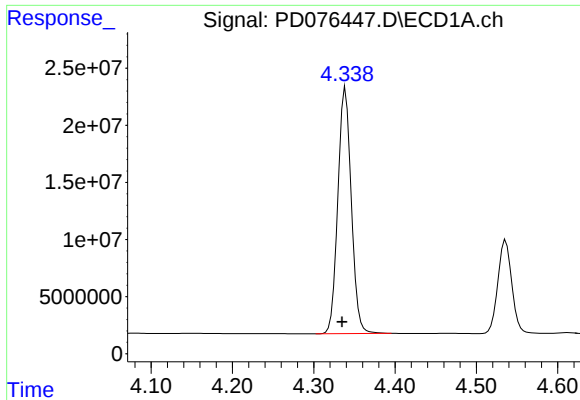
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.004 min
Response: 273669079
Conc: 47.25 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 121756067
Conc: 50.53 ng/ml



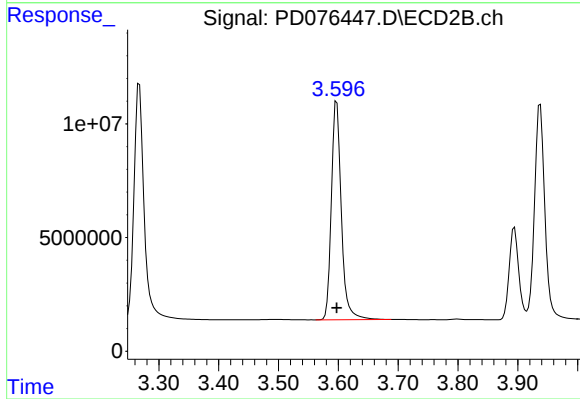
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.004 min
Response: 246790547
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

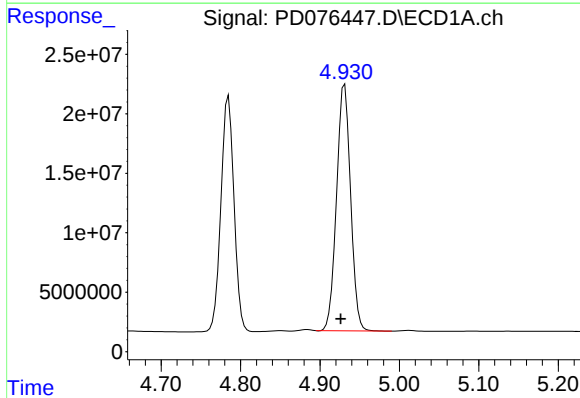
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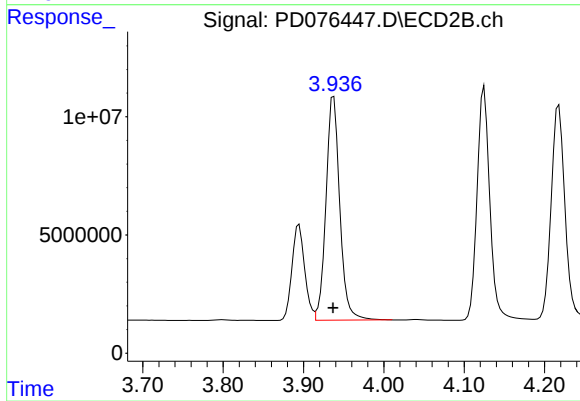
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 111187341
Conc: 49.94 ng/ml



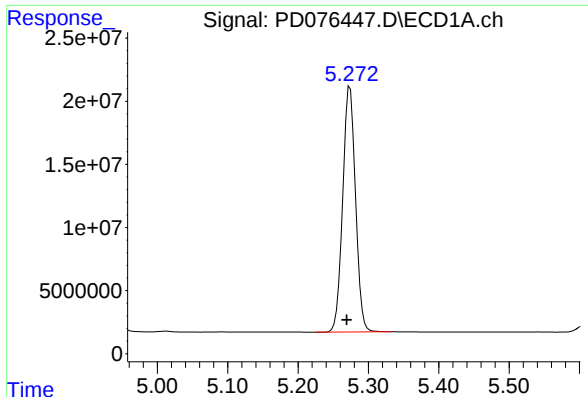
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.005 min
Response: 254792834
Conc: 46.33 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 113494057
Conc: 49.96 ng/ml



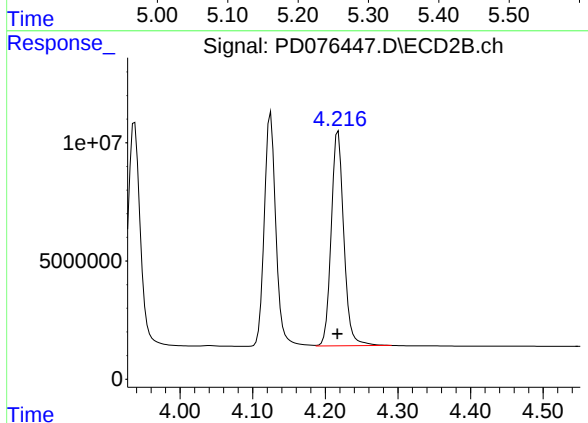
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.005 min
Response: 245959501
Conc: 46.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

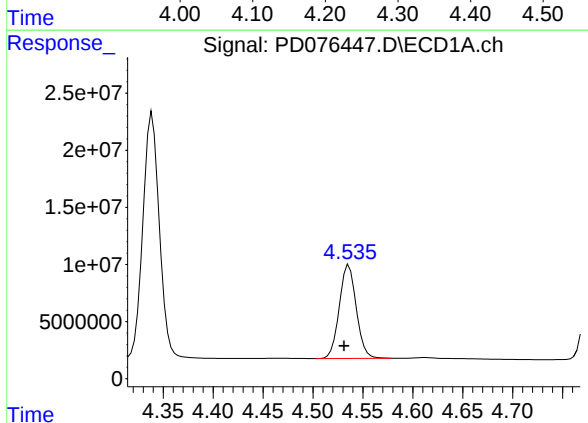
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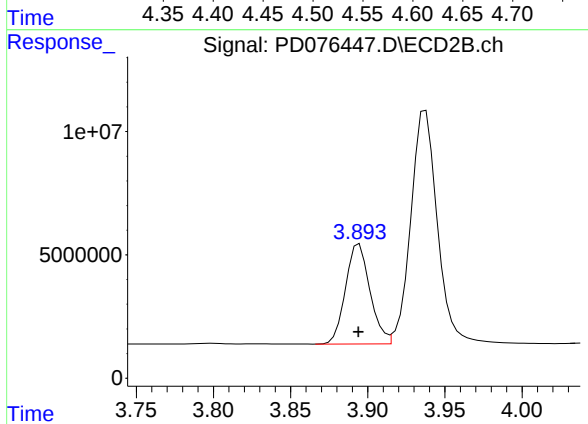
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 109504449
Conc: 49.41 ng/ml



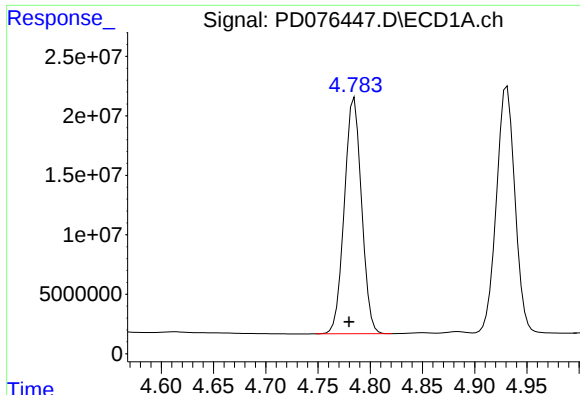
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.005 min
Response: 97109283
Conc: 46.33 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 44692942
Conc: 50.26 ng/ml



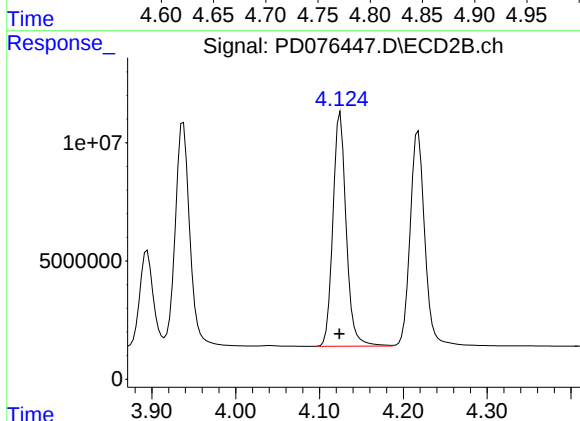
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.005 min
Response: 227285500
Conc: 44.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

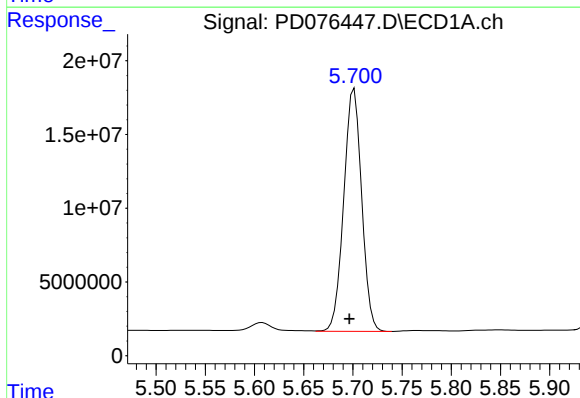
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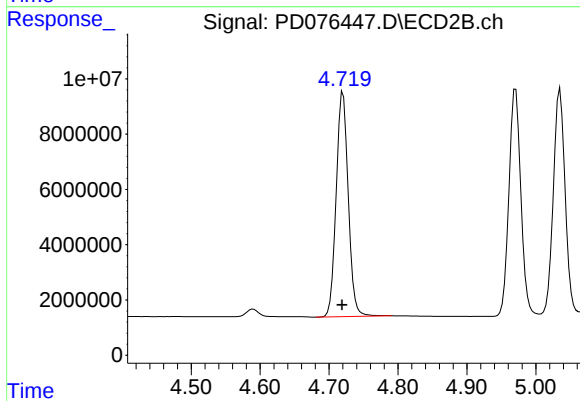
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: 0.001 min
Response: 108809229
Conc: 51.75 ng/ml



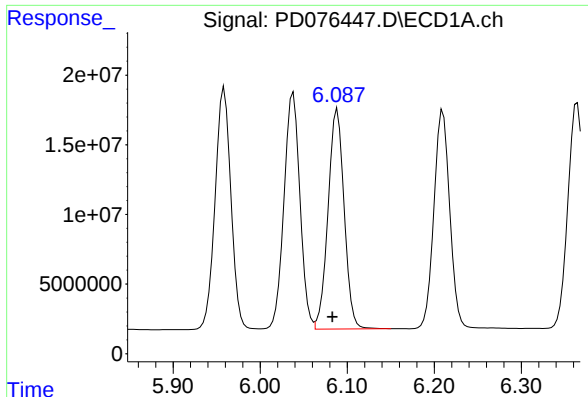
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.005 min
Response: 208623516
Conc: 43.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: 0.001 min
Response: 99069876
Conc: 49.55 ng/ml



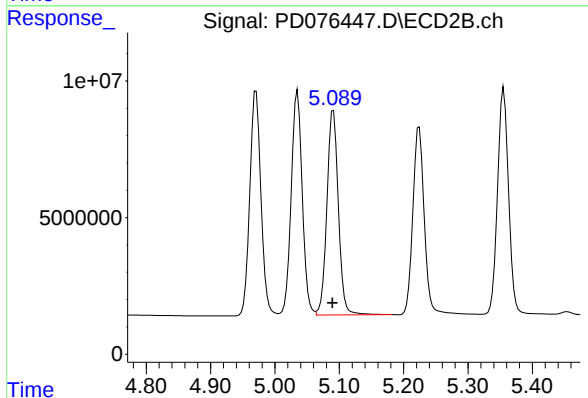
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.006 min
Response: 202792734
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

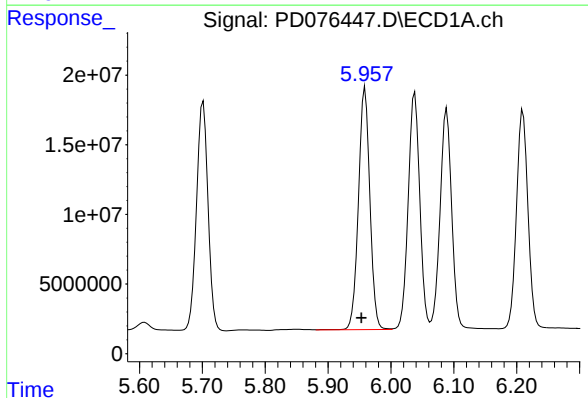
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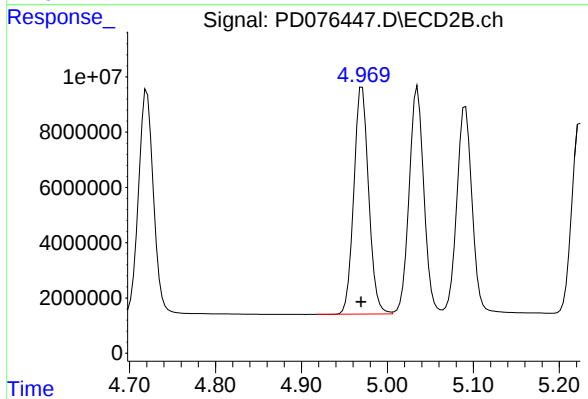
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: 0.002 min
Response: 92892842
Conc: 49.60 ng/ml



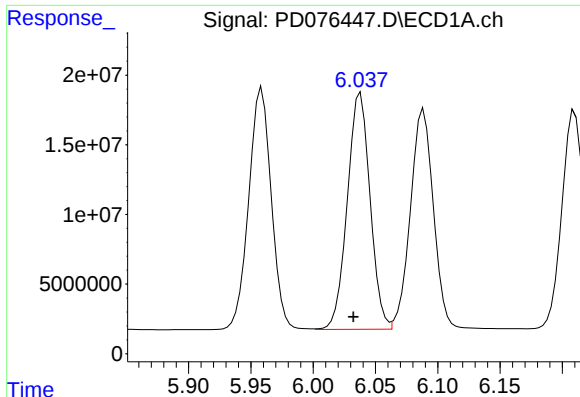
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.006 min
Response: 220101772
Conc: 45.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: 0.001 min
Response: 98975709
Conc: 49.71 ng/ml



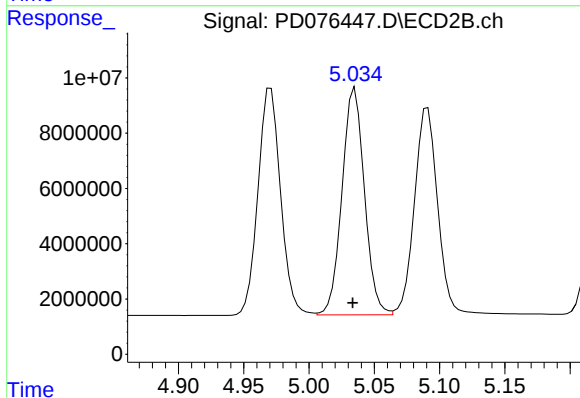
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.006 min
Response: 216858988
Conc: 45.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

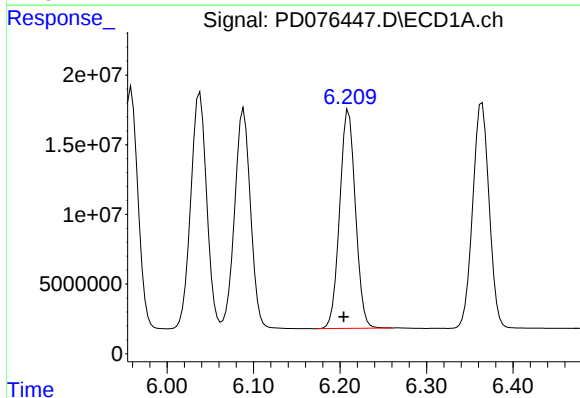
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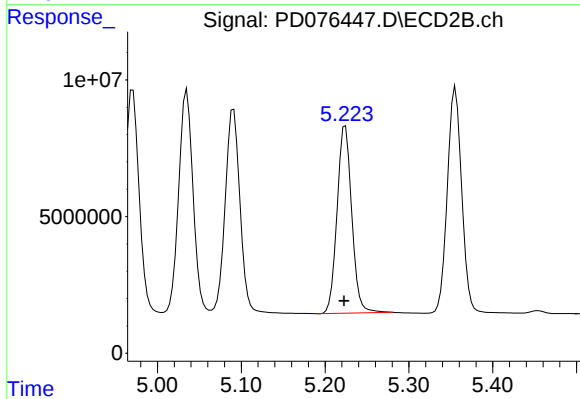
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.002 min
Response: 98212205
Conc: 49.42 ng/ml



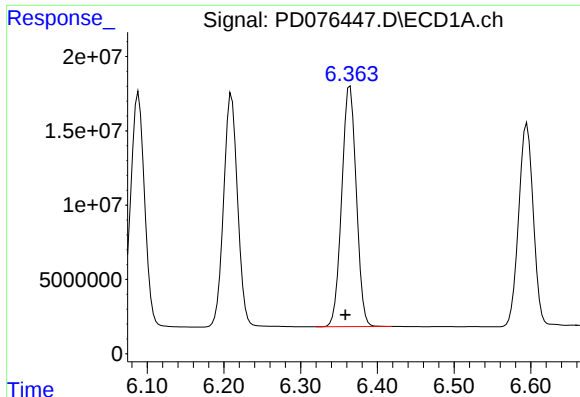
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.006 min
Response: 197558928
Conc: 46.54 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.002 min
Response: 83537864
Conc: 54.35 ng/ml



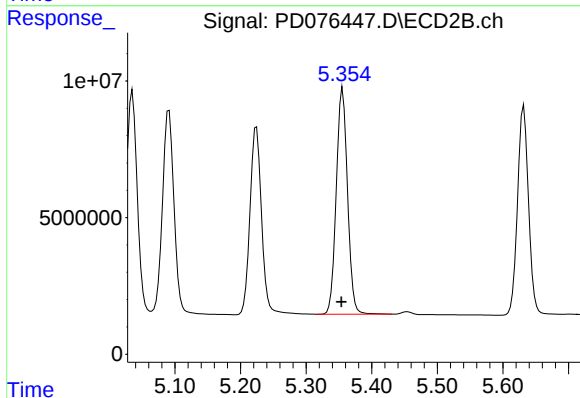
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.006 min
Response: 213789944
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

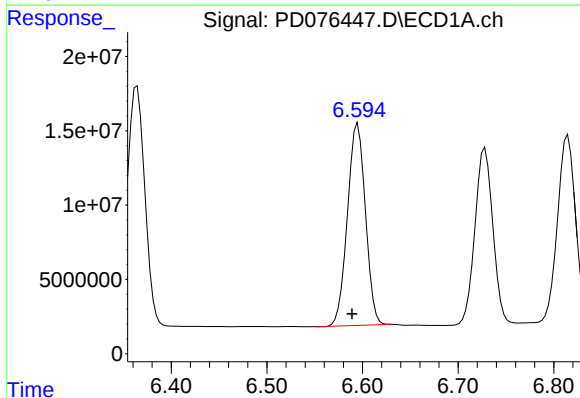
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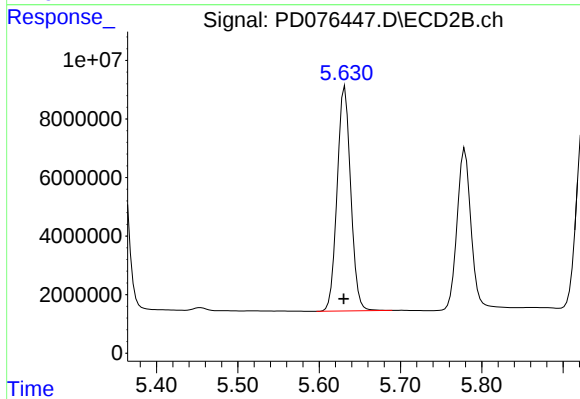
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 98620776
Conc: 50.07 ng/ml



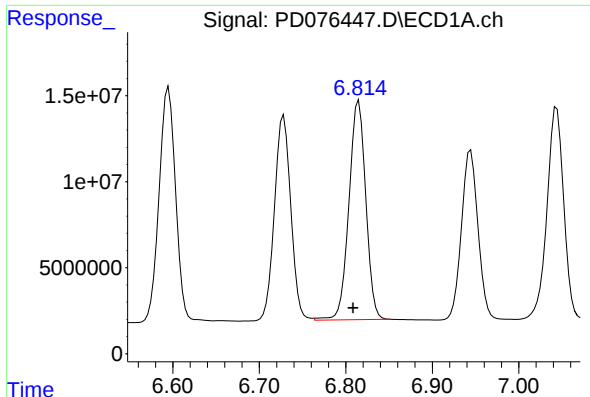
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.006 min
Response: 178512235
Conc: 44.84 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.002 min
Response: 88954250
Conc: 50.40 ng/ml



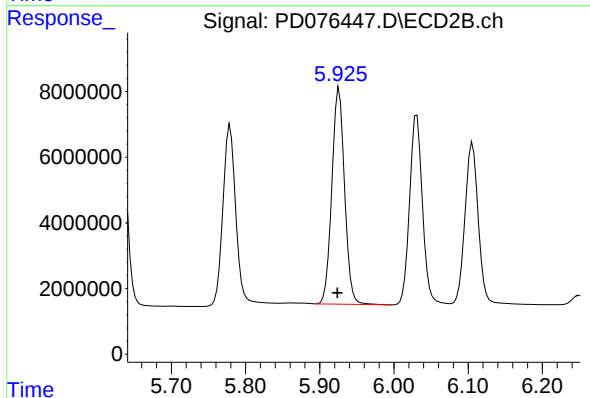
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.006 min
Response: 171680940
Conc: 46.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

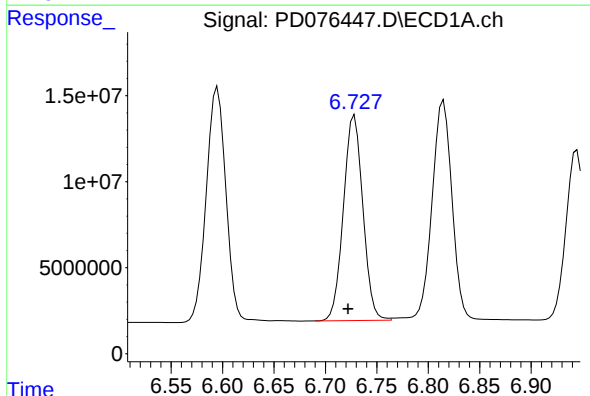
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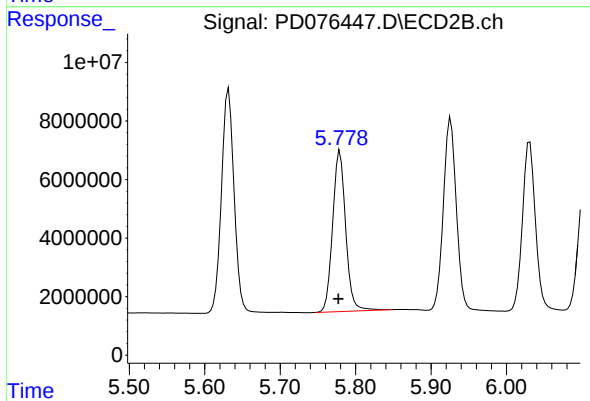
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.002 min
Response: 78641373
Conc: 50.68 ng/ml



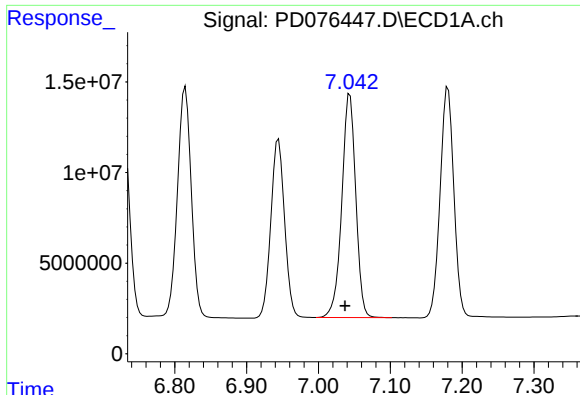
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.006 min
Response: 156930038
Conc: 46.71 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 66027353
Conc: 54.63 ng/ml



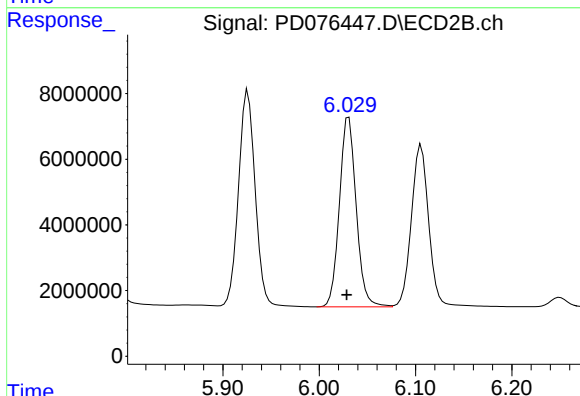
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: 0.007 min
Response: 166149497
Conc: 47.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

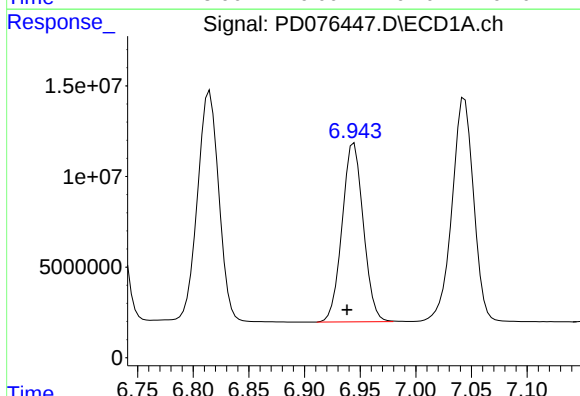
Manual Integrations
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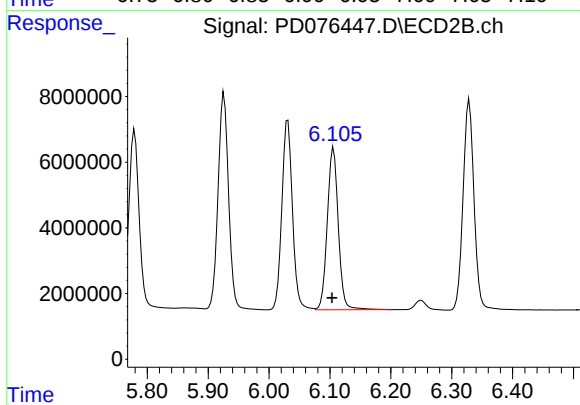
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 69772009
Conc: 57.65 ng/ml



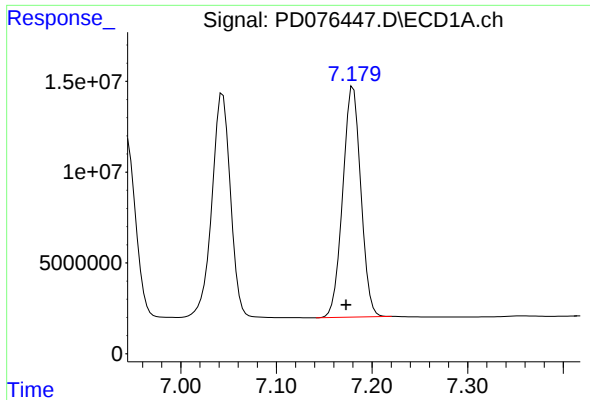
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.005 min
Response: 130688363
Conc: 47.68 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 62008305
Conc: 54.26 ng/ml



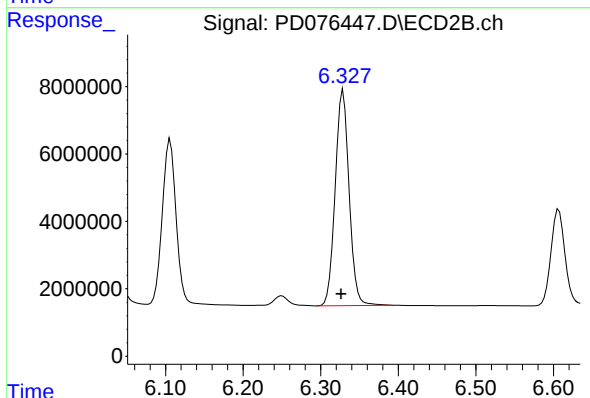
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.007 min
Response: 167689298
Conc: 45.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

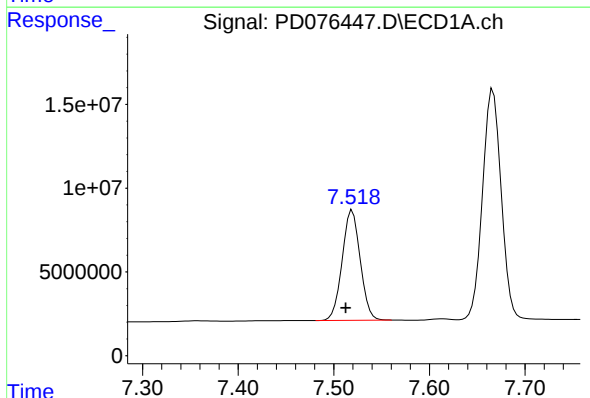
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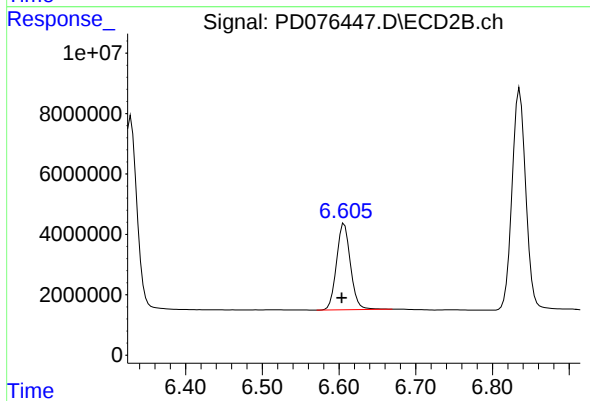
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.003 min
Response: 79612386
Conc: 52.40 ng/ml



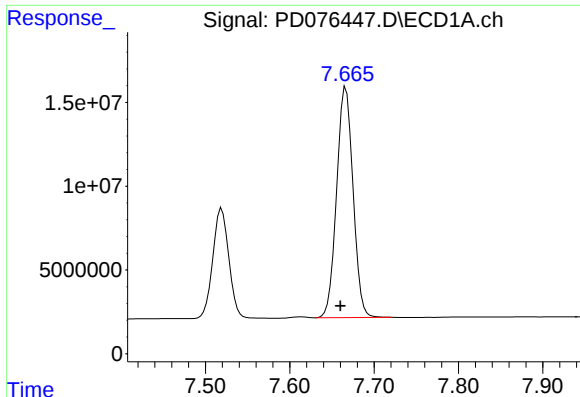
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: 0.007 min
Response: 86506213
Conc: 45.26 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 36058915
Conc: 56.46 ng/ml



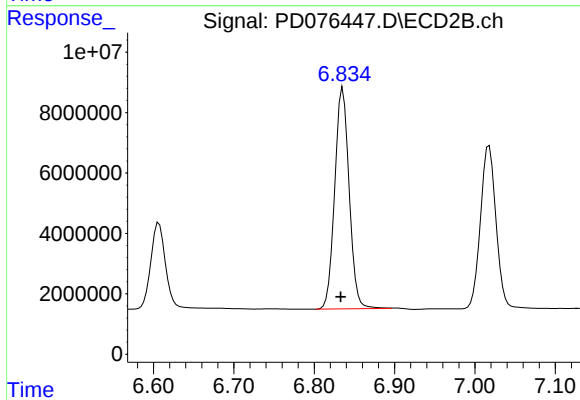
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.007 min
Response: 186219725
Conc: 44.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

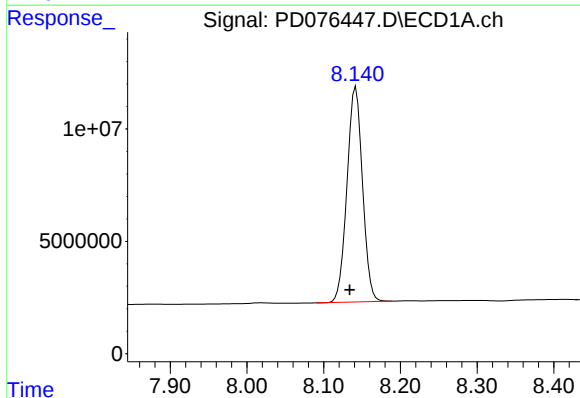
Manual Integrations
APPROVED

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



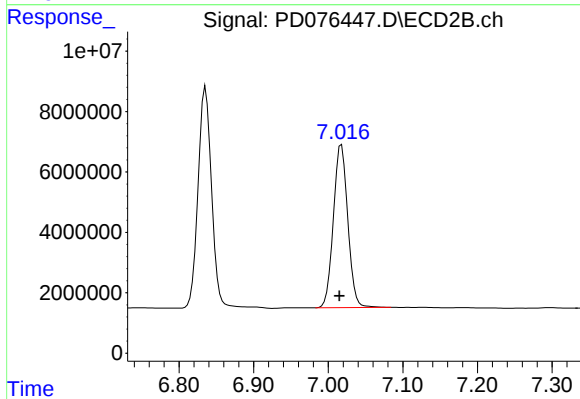
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 91413761
Conc: 52.30 ng/ml



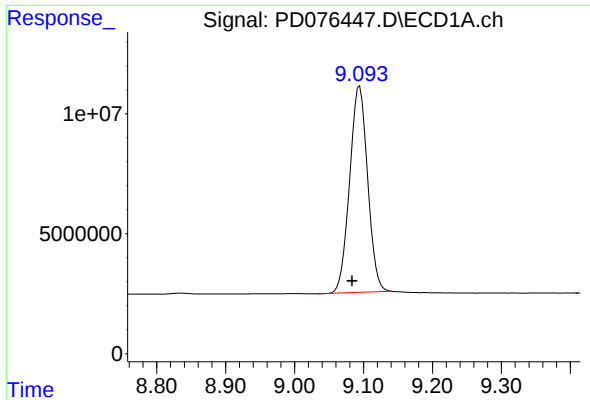
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.008 min
Response: 135502643
Conc: 42.88 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.003 min
Response: 72598574
Conc: 48.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.011 min
Response: 155796024
Conc: 43.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

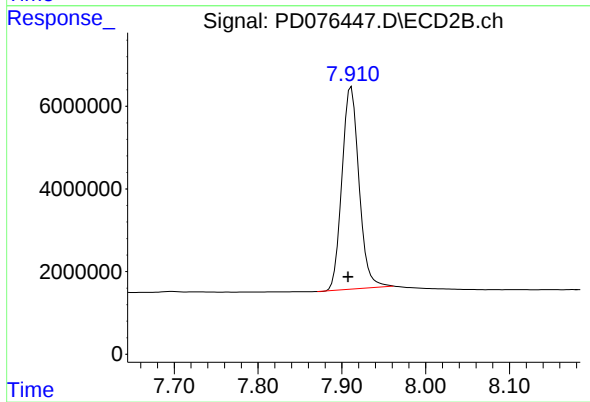
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.004 min
Response: 69446656
Conc: 55.18 ng/ml