

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 17:56
 Operator : AR\AJ
 Sample : PB154032BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB154032BS

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 22:34:56 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...	3.550	2.764	62207206	32522068	18.987	20.473
28)	SA Decachlor...	9.095	7.911	73727577	33104005	20.736	26.304 #
Target Compounds							
2)	A alpha-BHC	4.007	3.266	237.1E6	103.5E6	40.936	42.957
3)	MA gamma-BHC...	4.341	3.596	216.4E6	96752137	41.337	43.459
4)	MA Heptachlor	4.932	3.936	224.9E6	97458751	40.891	42.906
5)	MB Aldrin	5.275	4.217	218.7E6	94947725	40.913	42.840
6)	B beta-BHC	4.538	3.894	84727881	38985533	40.423	43.838
7)	B delta-BHC	4.787	4.124	207.3E6	93925834	40.339	44.670
8)	B Heptachlo...	5.703	4.720	190.5E6	86829605	39.528	43.431
9)	A Endosulfan I	6.090	5.090	180.3E6	82417319	40.416	44.011
10)	B gamma-Chl...	5.960	4.970	195.1E6	86807694	40.121	43.596
11)	B alpha-Chl...	6.039	5.034	192.4E6	86417387	40.049	43.487
12)	B 4,4'-DDE	6.211	5.224	176.9E6	75976683	41.670	49.430
13)	MA Dieldrin	6.365	5.355	190.5E6	87177437	40.721	44.260
14)	MA Endrin	6.596	5.631	158.6E6	78301512	39.834	44.361
15)	B Endosulfa...	6.815	5.925	153.4E6	71041898	41.321	45.783
16)	A 4,4'-DDD	6.730	5.779	144.1E6	62148266	42.888	51.422
17)	MA 4,4'-DDT	7.045	6.030	149.8E6	65114457	42.597	53.801 #
18)	B Endrin al...	6.945	6.105	121.9E6	57607991	44.485m	50.408
19)	B Endosulfa...	7.181	6.328	151.2E6	72261908	40.910	47.559
20)	A Methoxychlor	7.521	6.606	79548199	34707841	41.621	54.349 #
21)	B Endrin ke...	7.667	6.835	170.9E6	84014988	40.943	48.067
22)	Mirex	8.142	7.017	136.8E6	72873087	43.285	49.163

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
Data File : PD076460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2023 17:56
Operator : AR\AJ
Sample : PB154032BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

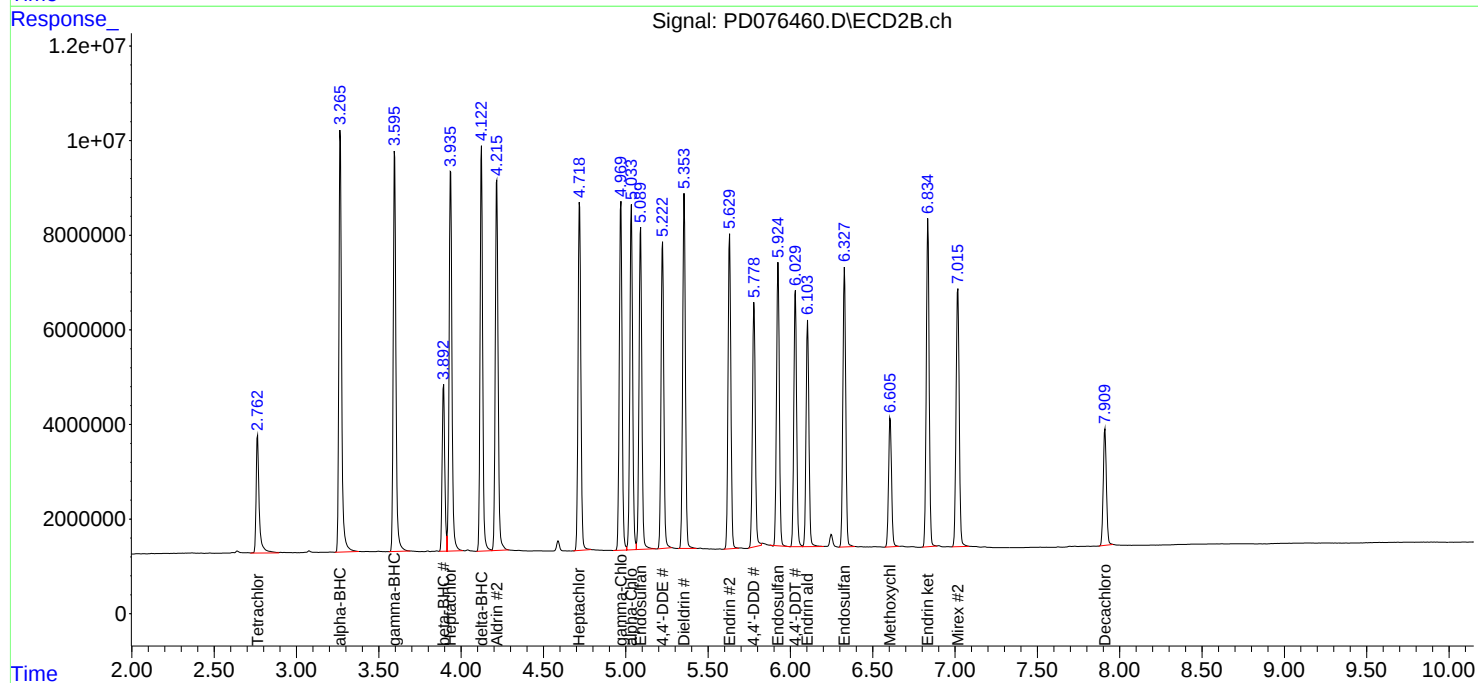
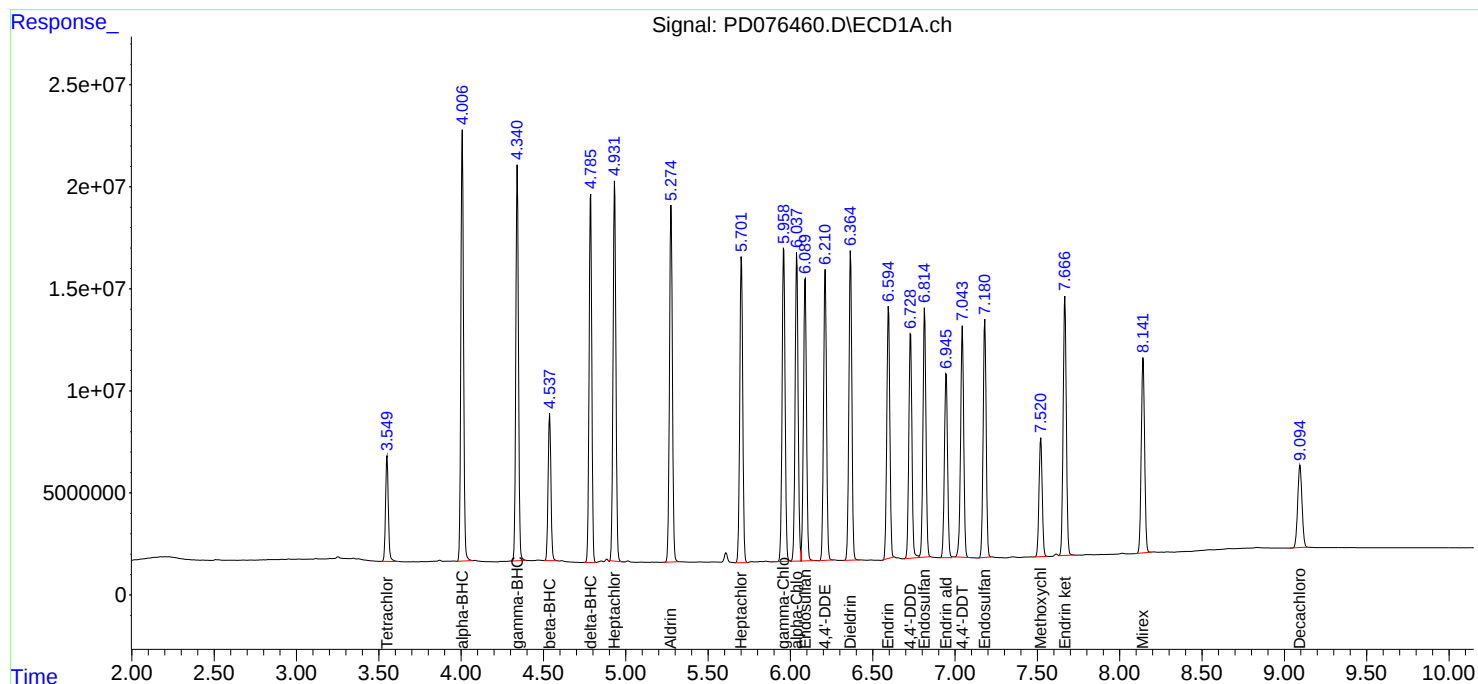
Instrument :
ECD_D
ClientSampleId :
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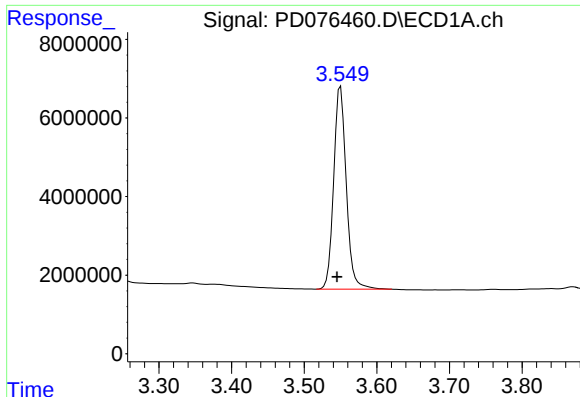
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:34:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 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





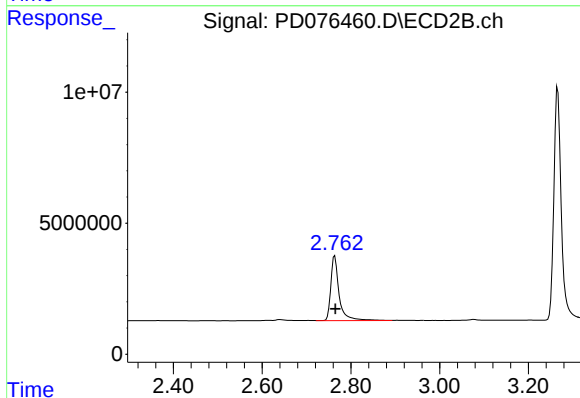
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.005 min
Response: 62207206
Conc: 18.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

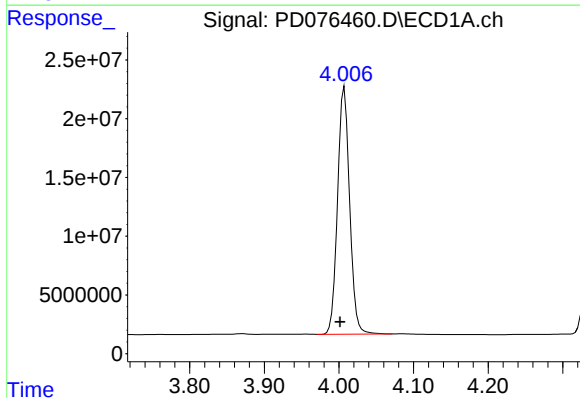
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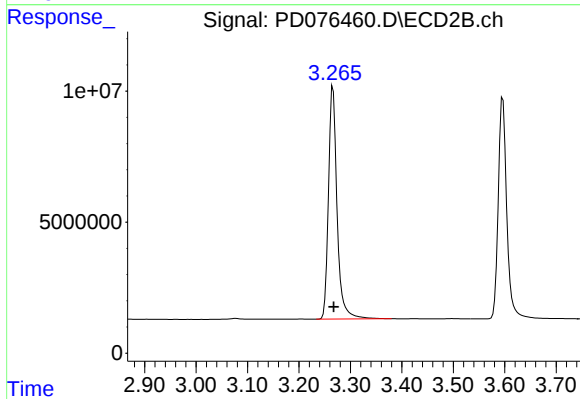
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.002 min
Response: 32522068
Conc: 20.47 ng/ml



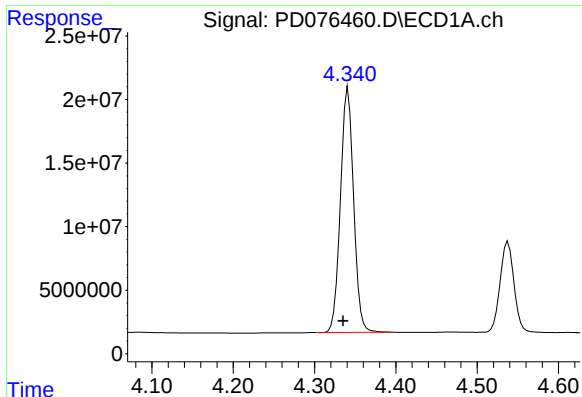
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.006 min
Response: 237097843
Conc: 40.94 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 103503130
Conc: 42.96 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.006 min
Response: 216418397
Conc: 41.34 ng/ml

Instrument :

ECD_D

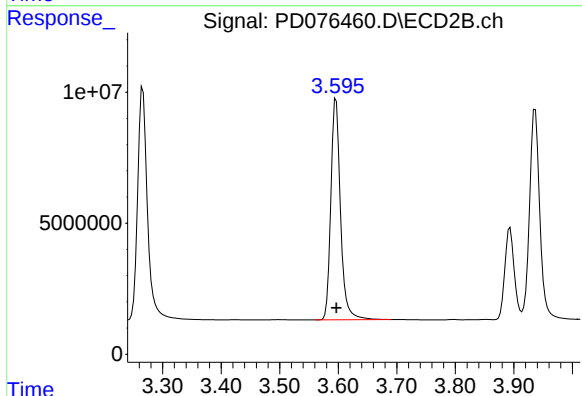
ClientSampleId :

PB154032BS

Manual Integrations

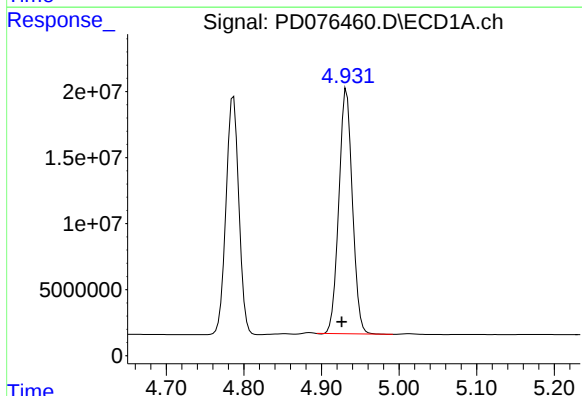
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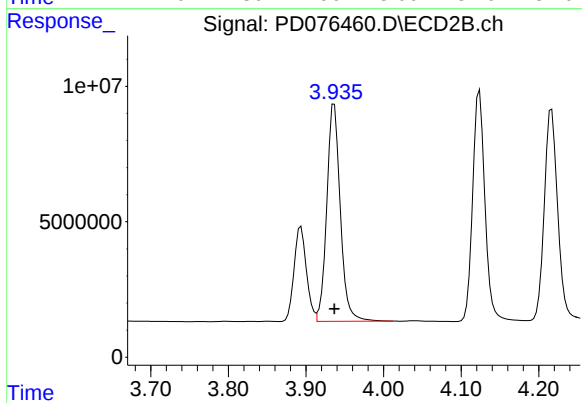
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 96752137
Conc: 43.46 ng/ml



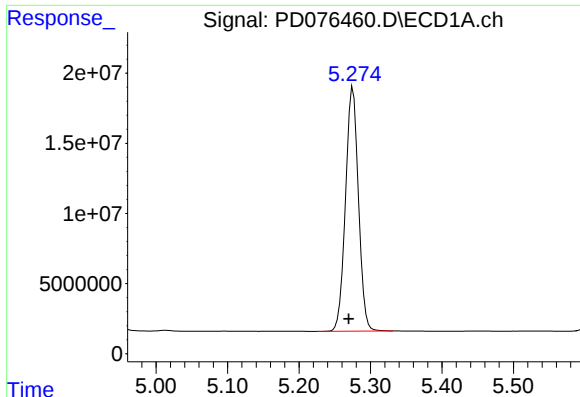
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.006 min
Response: 224903063
Conc: 40.89 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 97458751
Conc: 42.91 ng/ml



#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.006 min
Response: 218735404
Conc: 40.91 ng/ml

Instrument :

ECD_D

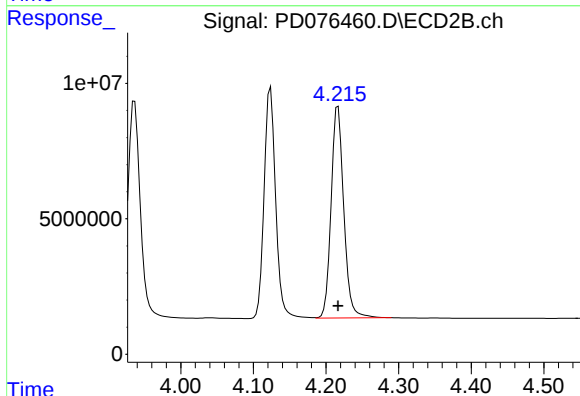
ClientSampleId :

PB154032BS

Manual Integrations

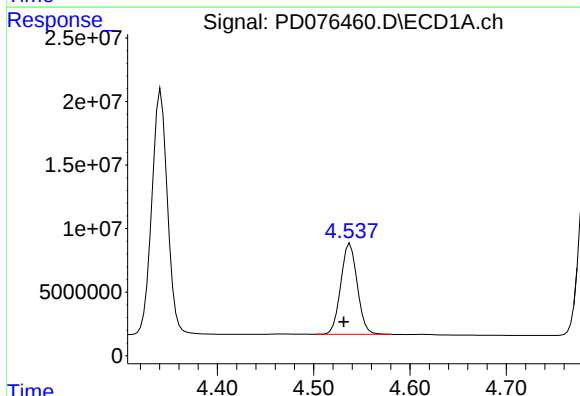
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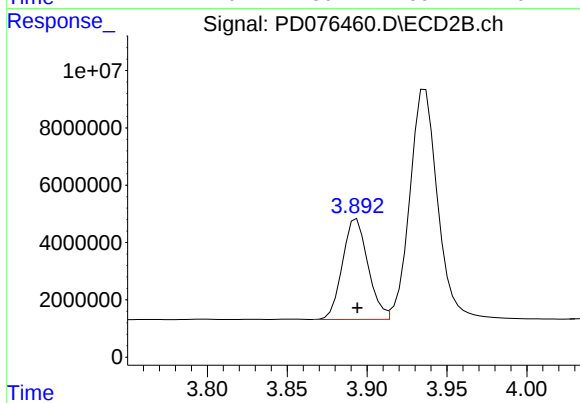
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 94947725
Conc: 42.84 ng/ml



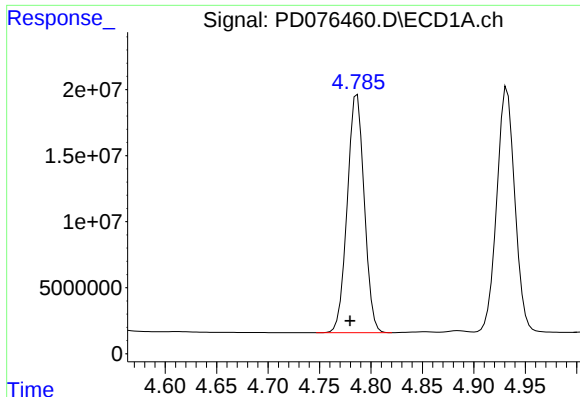
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.007 min
Response: 84727881
Conc: 40.42 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 38985533
Conc: 43.84 ng/ml



#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.007 min
Response: 207332191
Conc: 40.34 ng/ml

Instrument :

ECD_D

ClientSampleId :

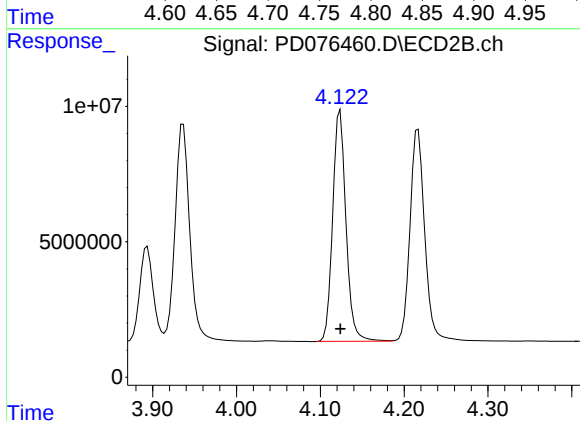
PB154032BS

Manual Integrations

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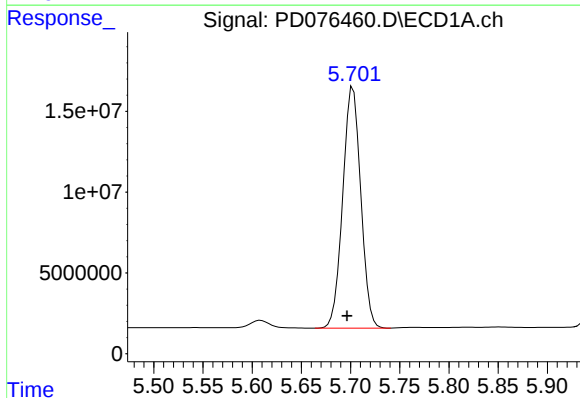
Reviewed By :Abdul Mirza 07/11/2023

Supervised By :Ankita Jodhani 07/11/2023



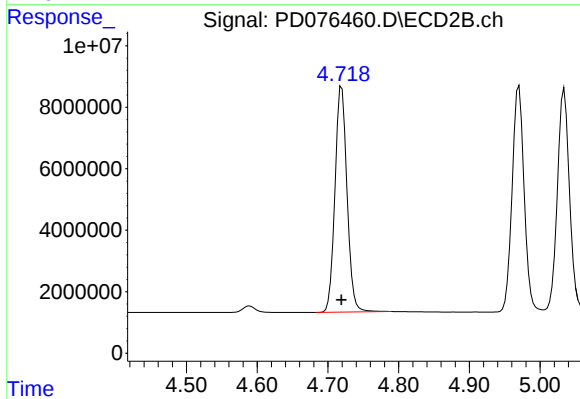
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 93925834
Conc: 44.67 ng/ml



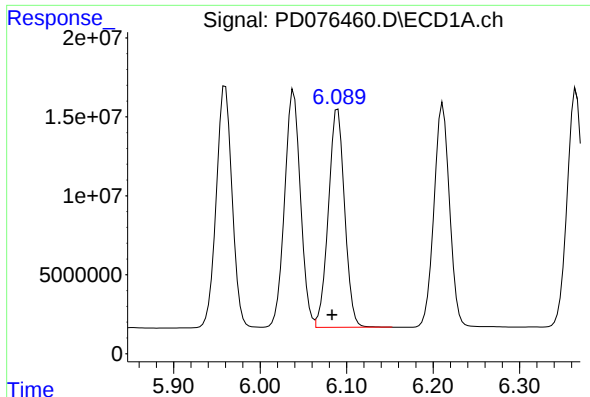
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.006 min
Response: 190458728
Conc: 39.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 86829605
Conc: 43.43 ng/ml



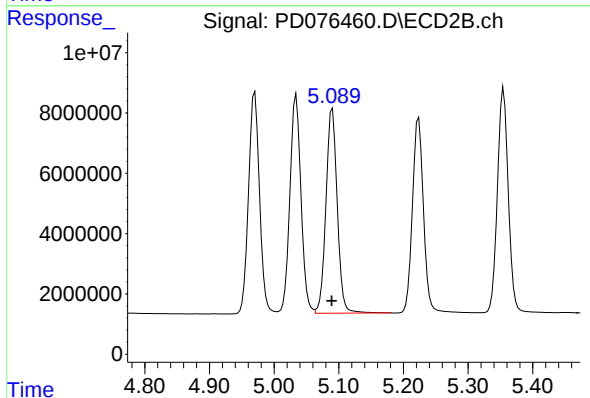
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 180293327
Conc: 40.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

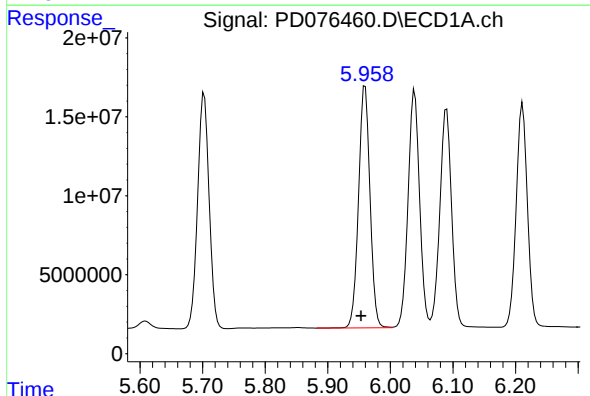
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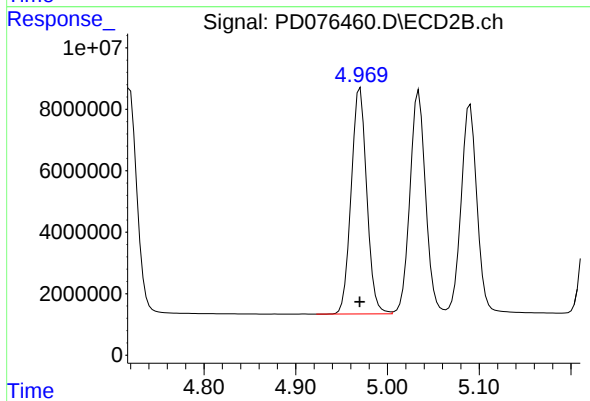
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 82417319
Conc: 44.01 ng/ml



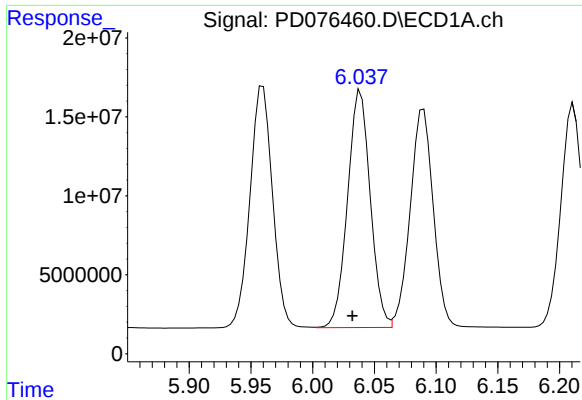
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.007 min
Response: 195109486
Conc: 40.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 86807694
Conc: 43.60 ng/ml



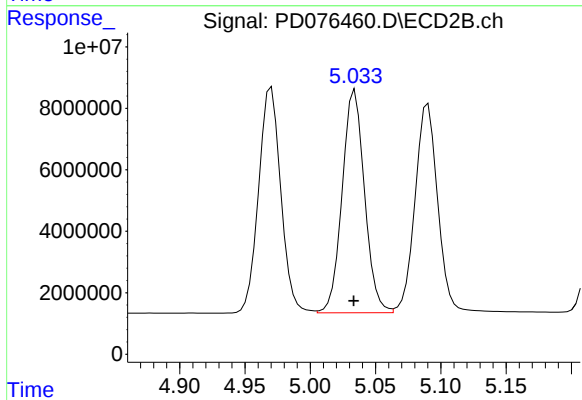
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 192405714
Conc: 40.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

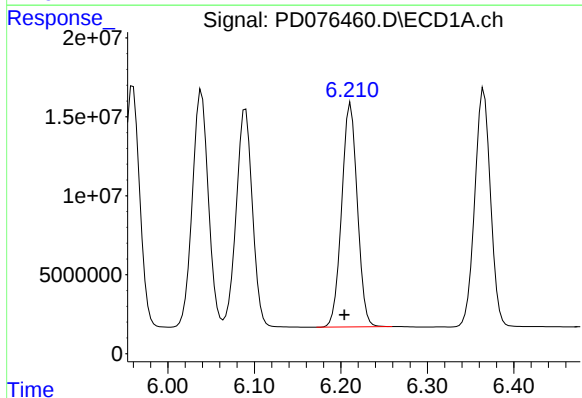
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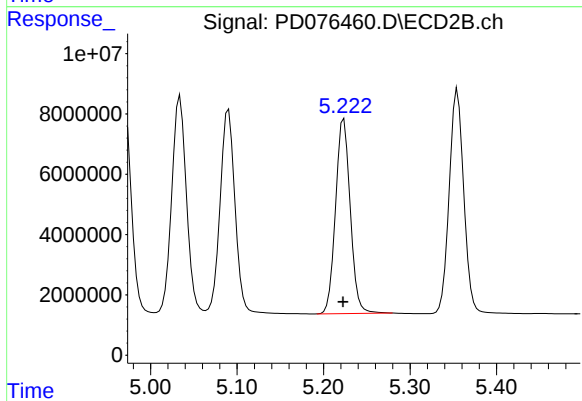
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 86417387
Conc: 43.49 ng/ml



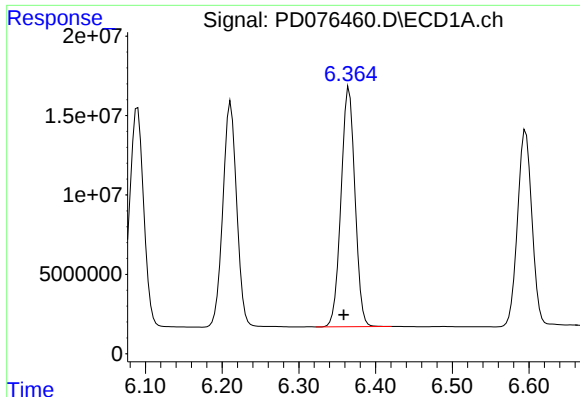
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.007 min
Response: 176881944
Conc: 41.67 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.001 min
Response: 75976683
Conc: 49.43 ng/ml



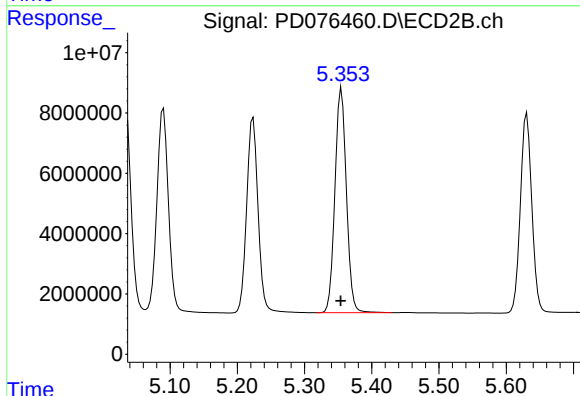
#13 Dieldrin

R.T.: 6.365 min
Delta R.T.: 0.007 min
Response: 190495059
Conc: 40.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

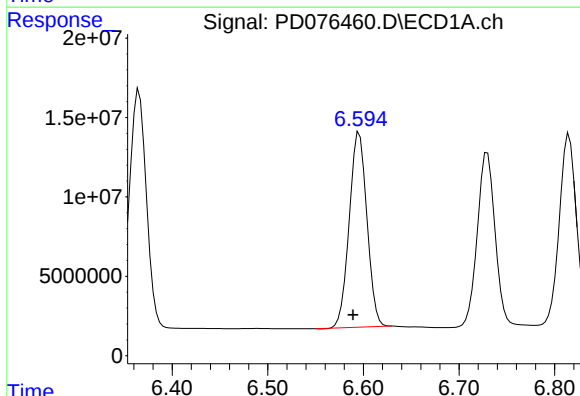
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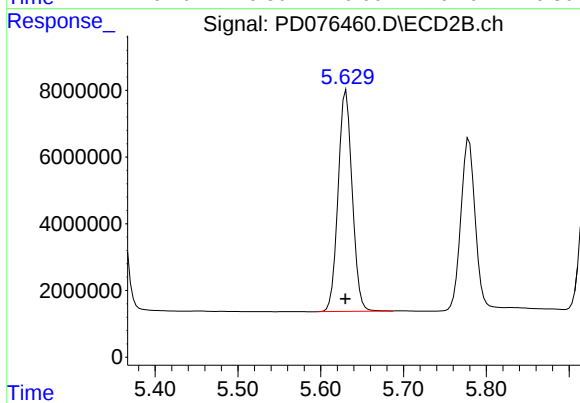
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 87177437
Conc: 44.26 ng/ml



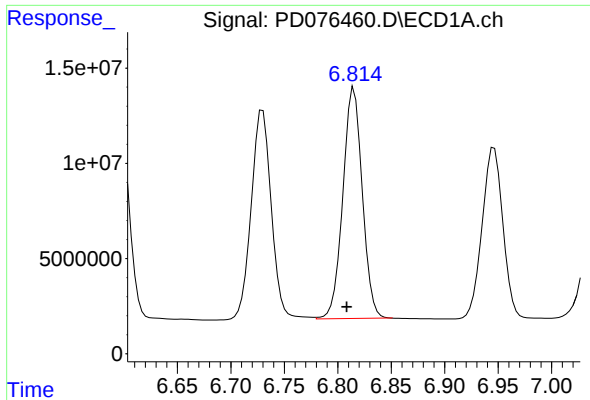
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 158594207
Conc: 39.83 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 78301512
Conc: 44.36 ng/ml



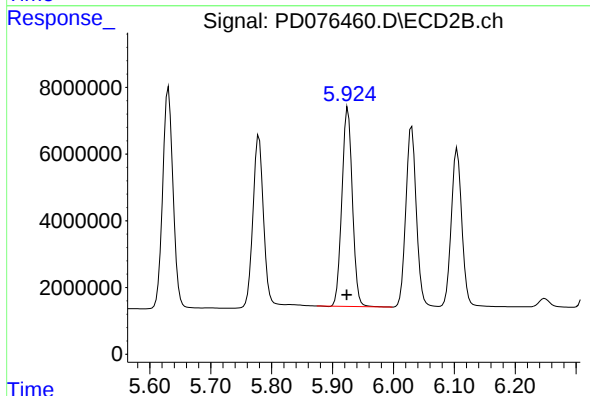
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.007 min
Response: 153449584
Conc: 41.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

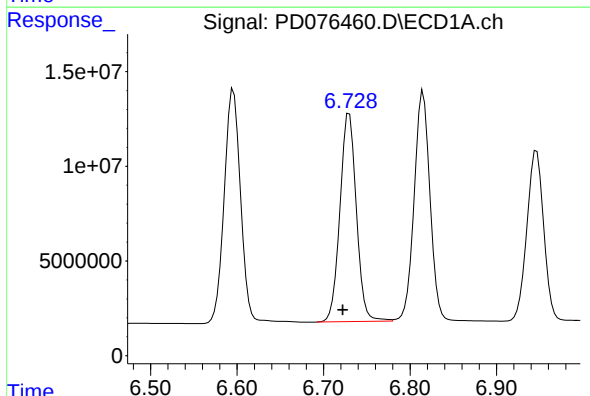
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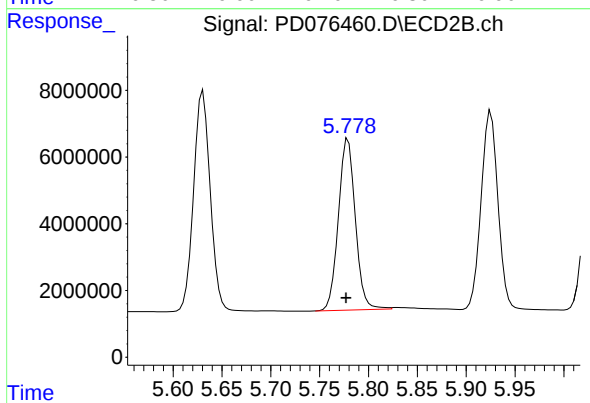
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.002 min
Response: 71041898
Conc: 45.78 ng/ml



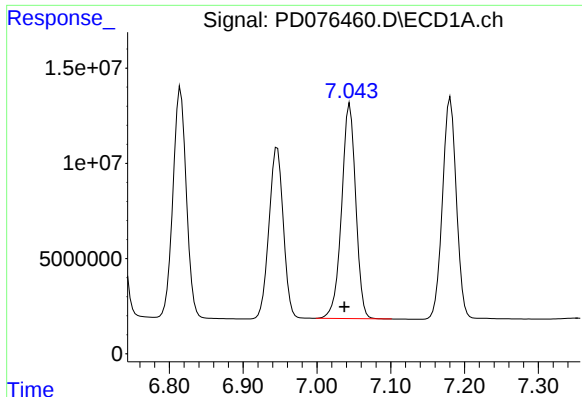
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 144088570
Conc: 42.89 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 62148266
Conc: 51.42 ng/ml



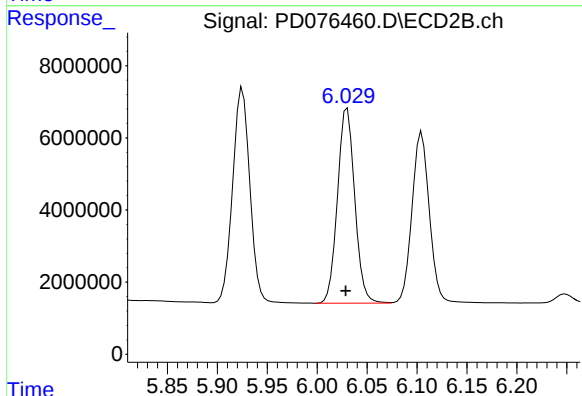
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 149772165
Conc: 42.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

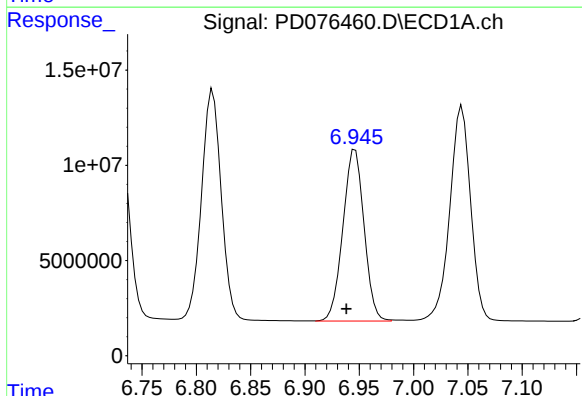
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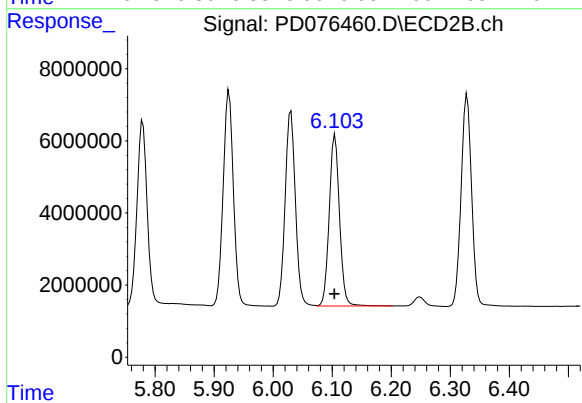
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 65114457
Conc: 53.80 ng/ml



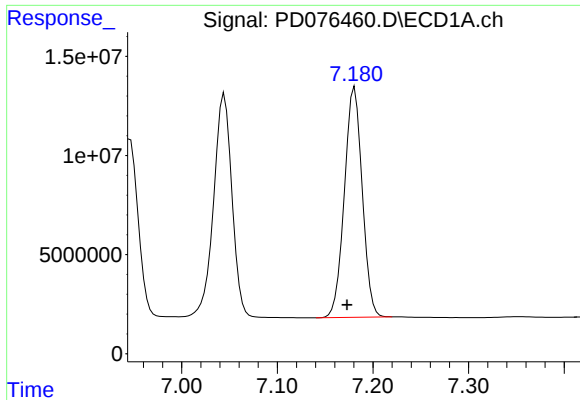
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.007 min
Response: 121929788
Conc: 44.49 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 57607991
Conc: 50.41 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.008 min
Response: 151158139
Conc: 40.91 ng/ml

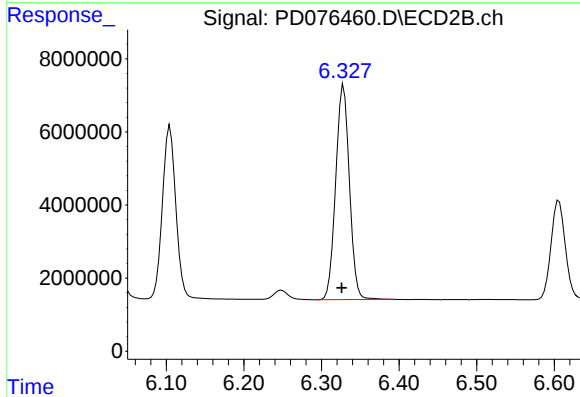
Instrument :

ECD_D

ClientSampleId :
PB154032BS

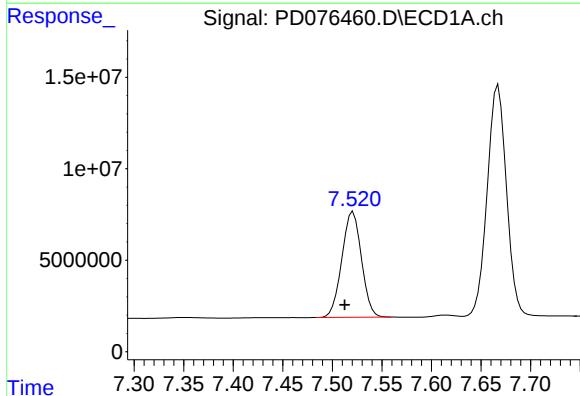
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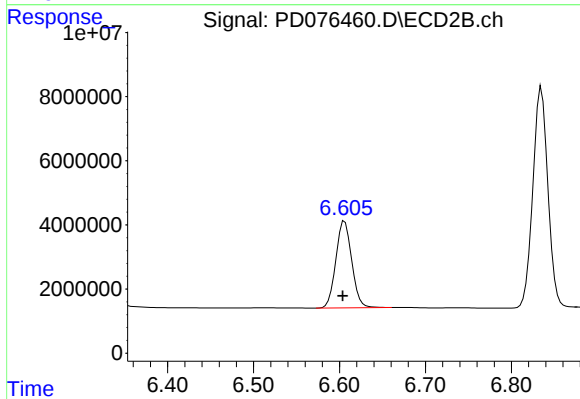
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.002 min
Response: 72261908
Conc: 47.56 ng/ml



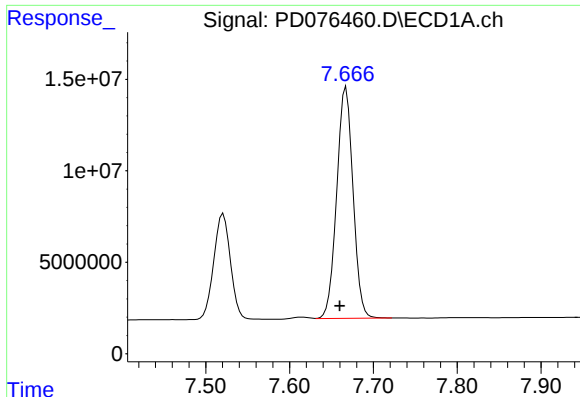
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.009 min
Response: 79548199
Conc: 41.62 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 34707841
Conc: 54.35 ng/ml



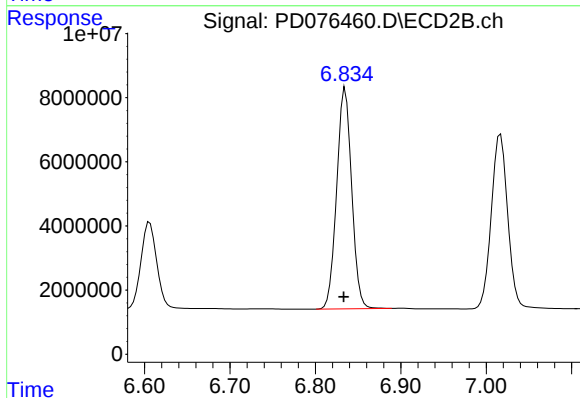
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.008 min
Response: 170926697
Conc: 40.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB154032BS

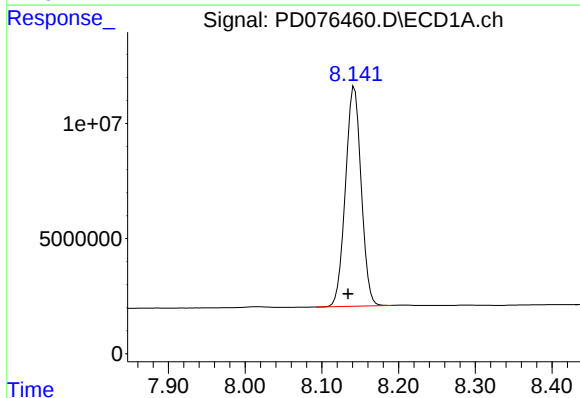
Manual Integrations
APPROVED

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



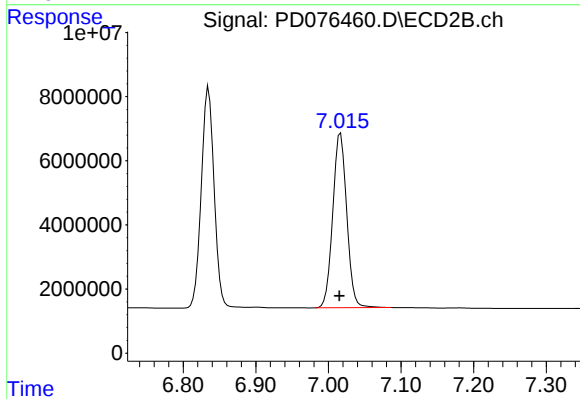
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 84014988
Conc: 48.07 ng/ml



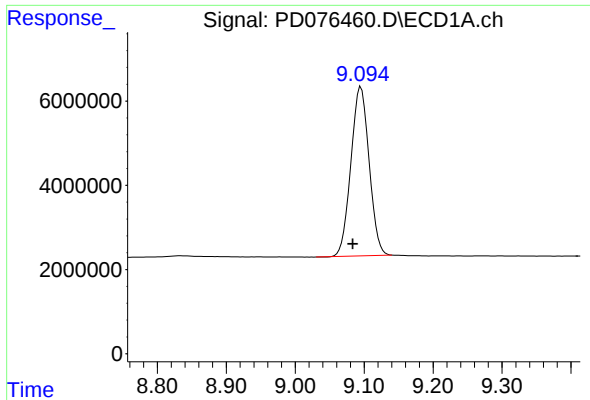
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.008 min
Response: 136772161
Conc: 43.29 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 72873087
Conc: 49.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.012 min
Response: 73727577
Conc: 20.74 ng/ml

Instrument :

ECD_D

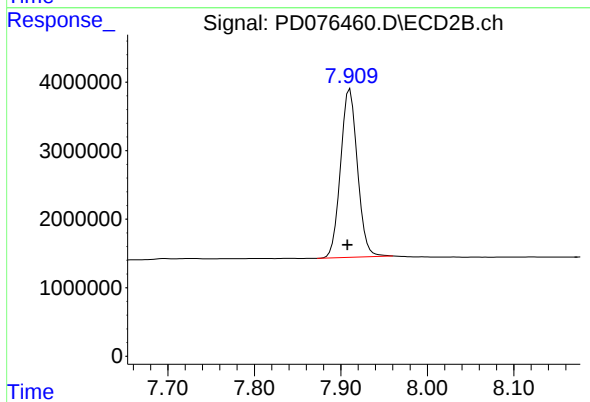
ClientSampleId :

PB154032BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.003 min
Response: 33104005
Conc: 26.30 ng/ml