

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087027.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 11:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2024
 Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:58:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 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...	3.559	2.885	105.5E6	611.3E6	52.733	53.406
28)	SA Decachlor...	9.094	8.090	153.8E6	706.3E6	48.334	50.696
Target Compounds							
2)	A alpha-BHC	4.009	3.399	222.5E6	959.2E6	55.294	54.435
3)	MA gamma-BHC...	4.340	3.736	218.9E6	906.7E6	54.892	53.986
4)	MA Heptachlor	4.941	4.091	212.8E6	862.2E6	54.192	53.039
5)	MB Aldrin	5.283	4.378	220.6E6	901.9E6	54.126	53.950
6)	B beta-BHC	4.523	4.031	82792539	381.6E6	52.493	53.277
7)	B delta-BHC	4.773	4.268	223.9E6	915.0E6	54.932	53.814
8)	B Heptachlo...	5.703	4.882	193.7E6	803.8E6	53.609	52.937
9)	A Endosulfan I	6.087	5.257	177.9E6	751.2E6	53.014	52.911
10)	B gamma-Chl...	5.958	5.136	188.7E6	829.0E6	53.418	53.296
11)	B alpha-Chl...	6.040	5.200	189.7E6	808.7E6	53.102	52.916
12)	B 4,4'-DDE	6.208	5.386	173.4E6	815.2E6	53.282	54.080
13)	MA Dieldrin	6.360	5.523	192.8E6	826.5E6	53.376	53.078
14)	MA Endrin	6.588	5.800	158.0E6	720.0E6	52.210	51.473
15)	B Endosulfa...	6.799	6.092	158.8E6	718.8E6	53.139	52.224
16)	A 4,4'-DDD	6.718	5.941	139.9E6	677.3E6	53.822	53.882
17)	MA 4,4'-DDT	7.033	6.196	141.7E6	681.9E6	50.168m	51.142
18)	B Endrin al...	6.928	6.270	126.0E6	574.9E6	51.537	51.820
19)	B Endosulfa...	7.162	6.494	150.3E6	699.3E6	51.636	51.689
20)	A Methoxychlor	7.507	6.768	78142159	359.6E6	48.861	50.132
21)	B Endrin ke...	7.644	7.004	167.7E6	779.5E6	51.690	51.718
22)	Mirex	8.130	7.200	123.5E6	624.3E6	49.508	50.630

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
Data File : PD087027.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2024 11:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

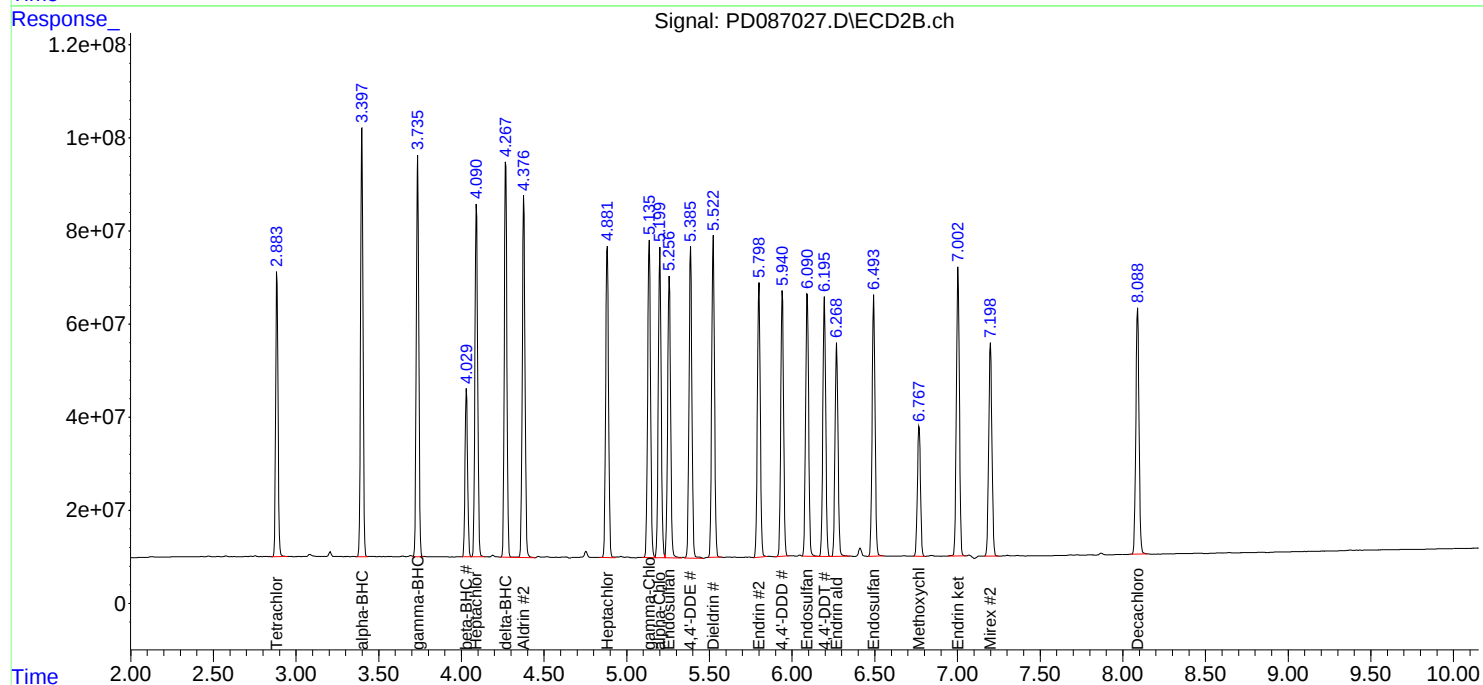
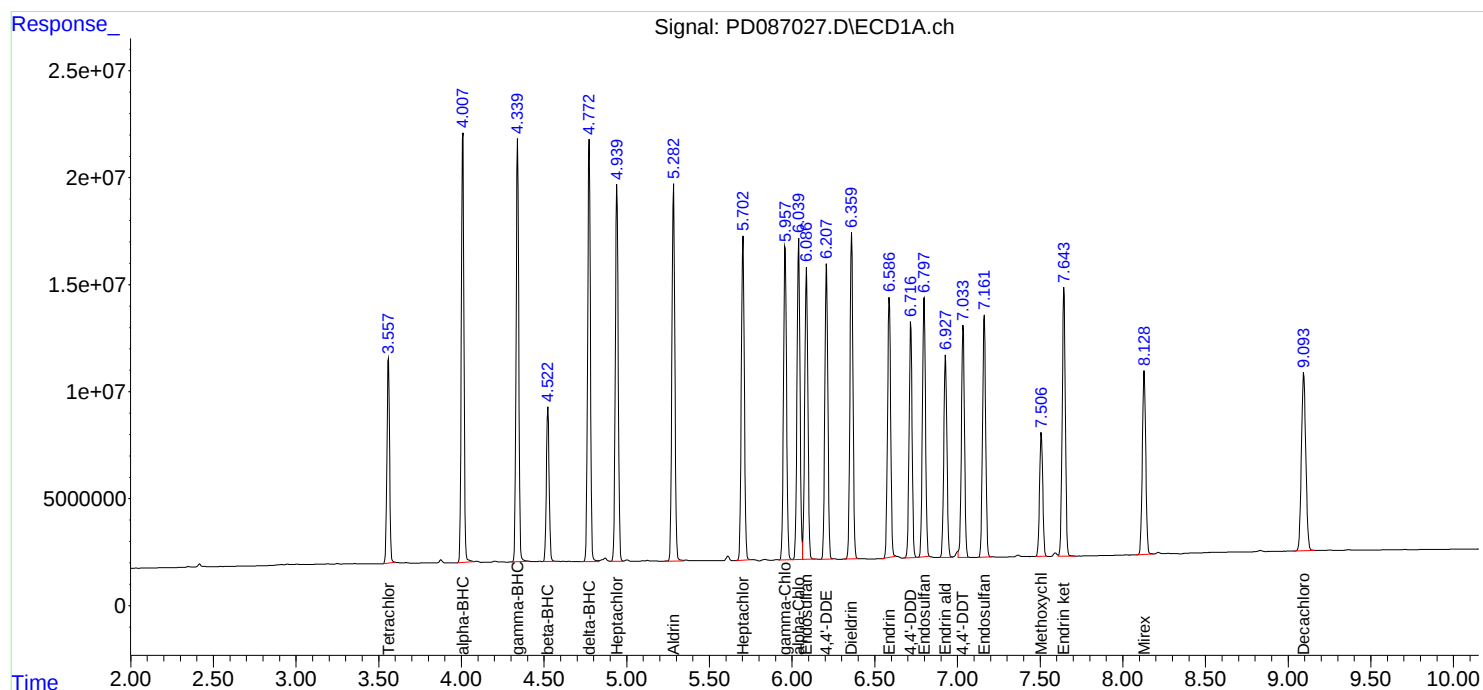
APPROVED

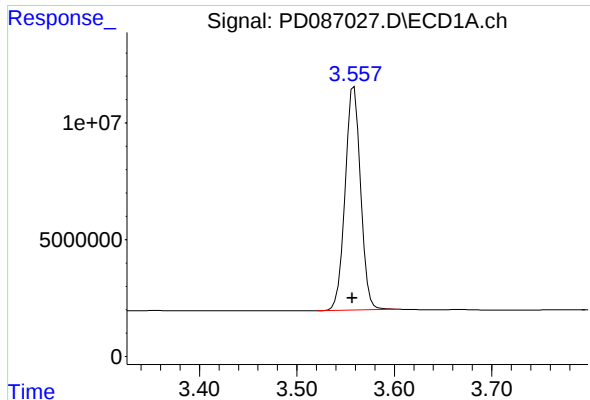
Reviewed By :Abdul Mirza 12/06/2024

Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:58:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 2024
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





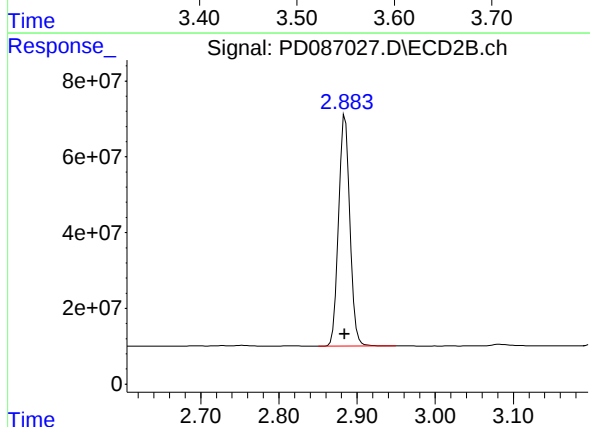
#1 Tetrachloro-m-xylene

R.T.: 3.559 min
Delta R.T.: 0.002 min
Response: 105453456
Conc: 52.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

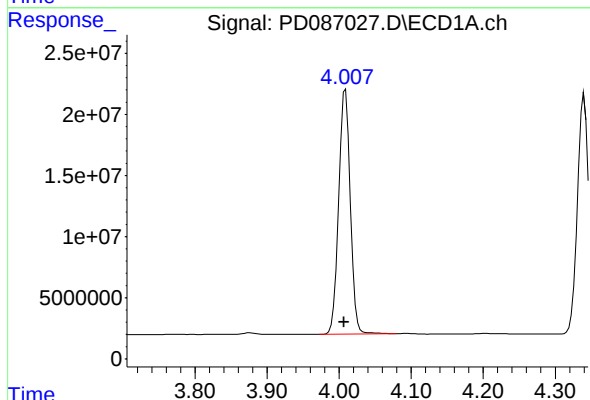
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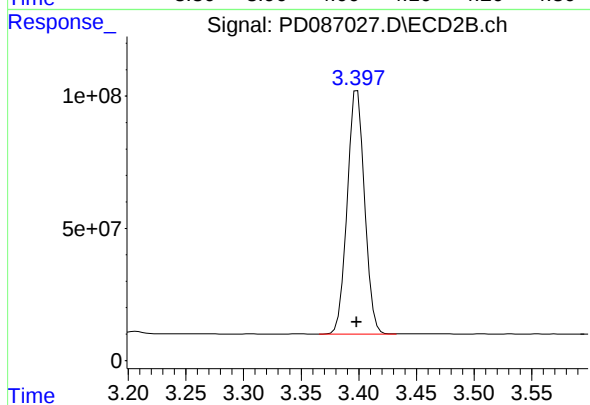
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 611310155
Conc: 53.41 ng/ml



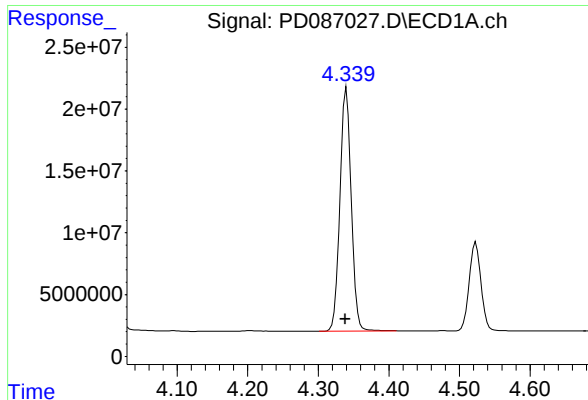
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.002 min
Response: 222506434
Conc: 55.29 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 959186262
Conc: 54.43 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 218932957
Conc: 54.89 ng/ml

Instrument :

ECD_D

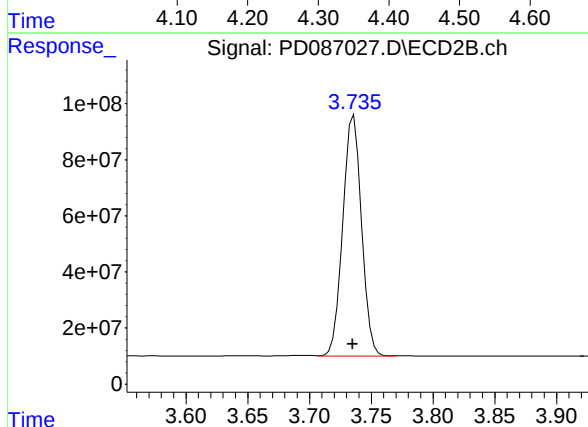
ClientSampleId :

PSTDCCC050

Manual Integrations

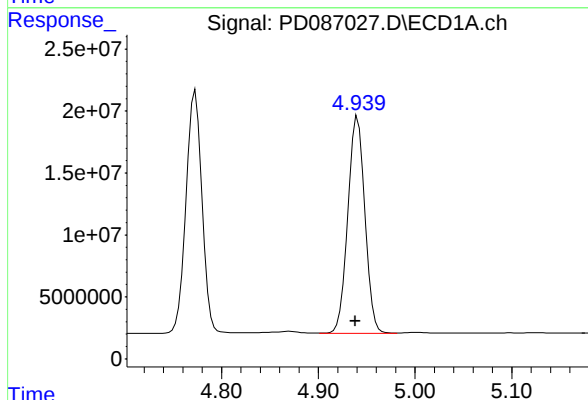
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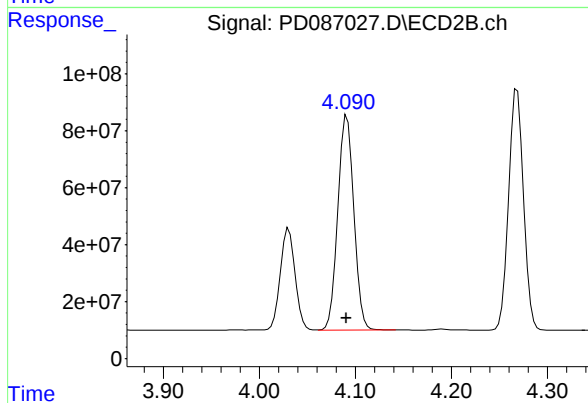
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 906694845
Conc: 53.99 ng/ml



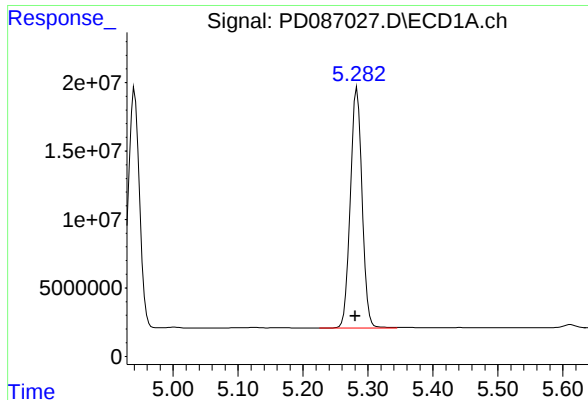
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 212769830
Conc: 54.19 ng/ml



#4 Heptachlor

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 862188372
Conc: 53.04 ng/ml



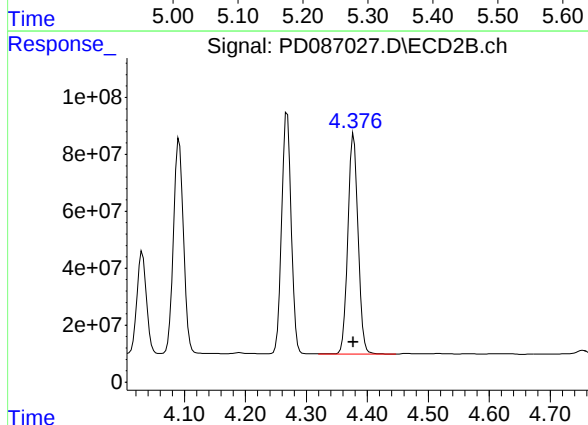
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.003 min
Response: 220610859
Conc: 54.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

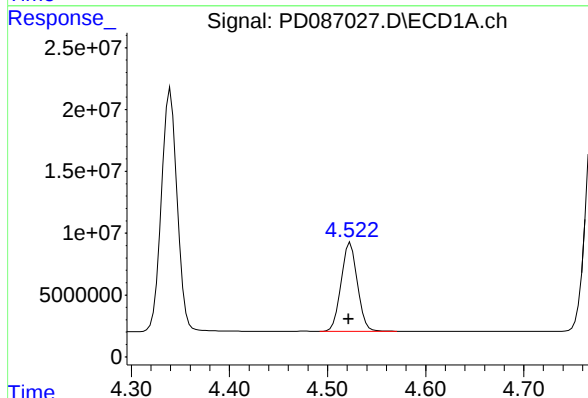
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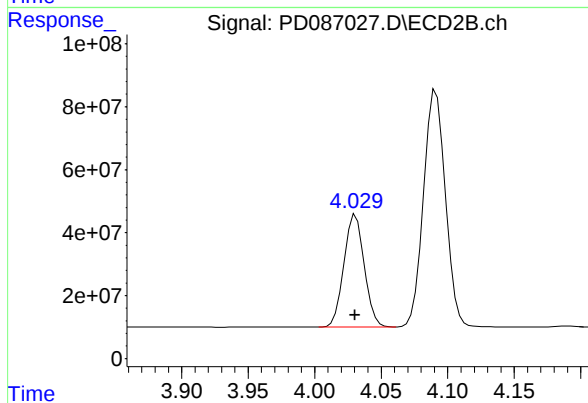
#5 Aldrin

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 901903259
Conc: 53.95 ng/ml



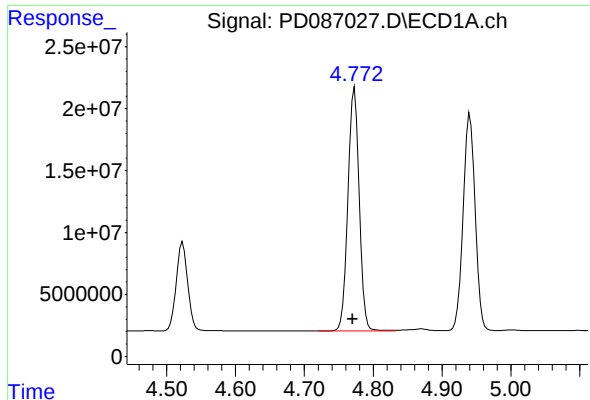
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.002 min
Response: 82792539
Conc: 52.49 ng/ml



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 381563550
Conc: 53.28 ng/ml



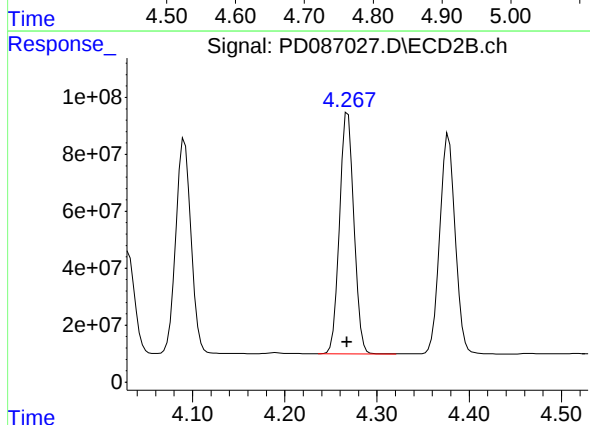
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 223908619
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

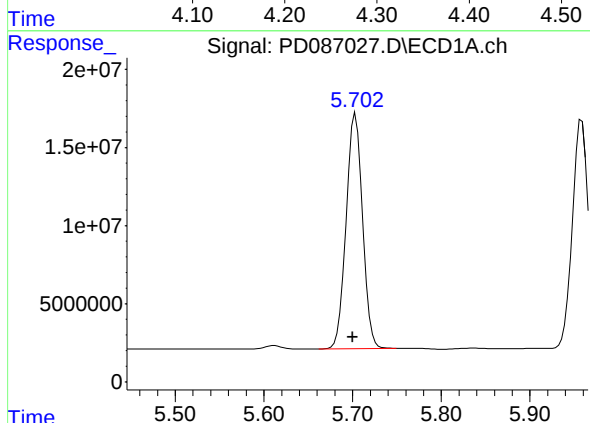
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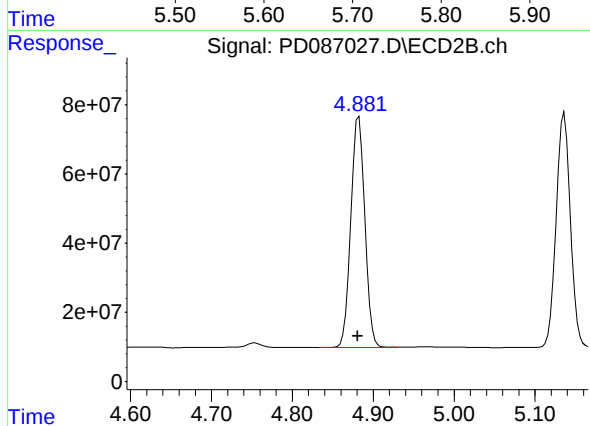
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 914968665
Conc: 53.81 ng/ml



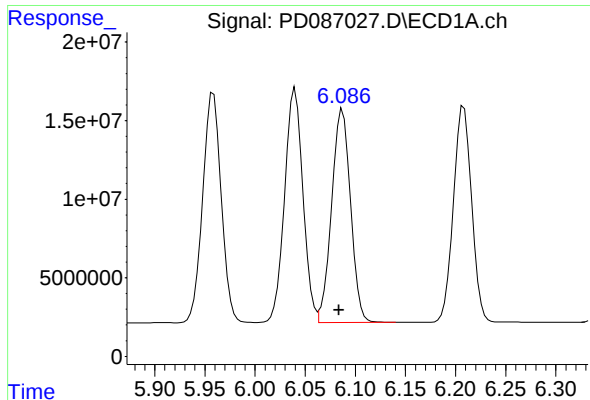
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.003 min
Response: 193720772
Conc: 53.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.882 min
Delta R.T.: 0.001 min
Response: 803794966
Conc: 52.94 ng/ml



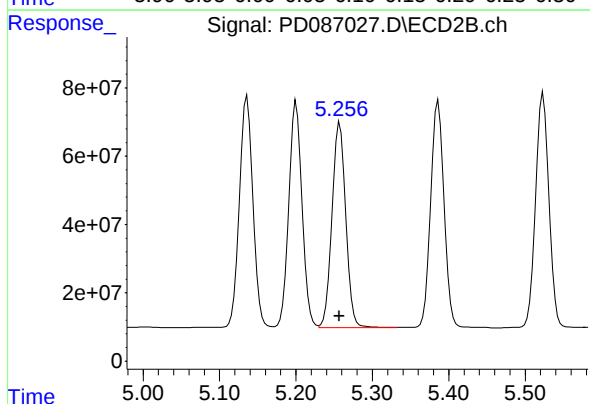
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 177903306
Conc: 53.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

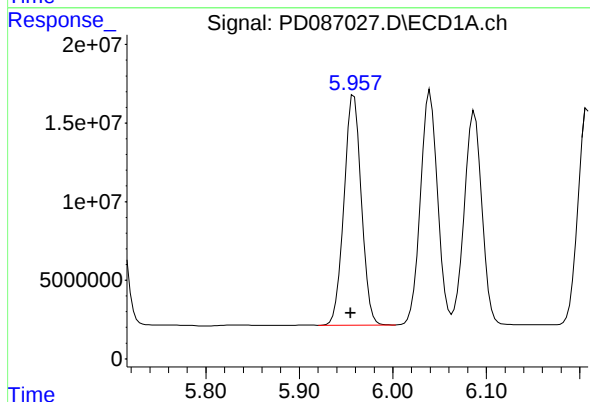
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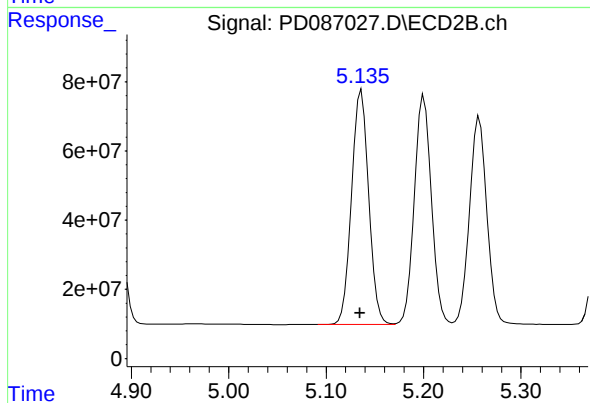
#9 Endosulfan I

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 751158177
Conc: 52.91 ng/ml



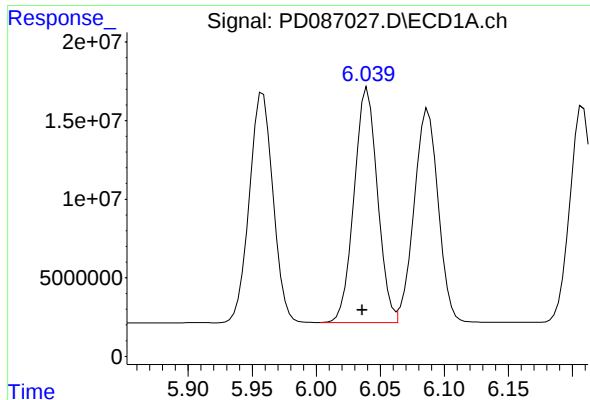
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 188725638
Conc: 53.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.136 min
Delta R.T.: 0.001 min
Response: 829048089
Conc: 53.30 ng/ml



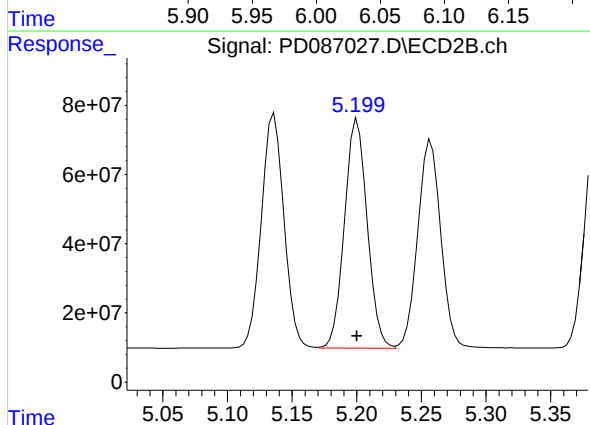
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.004 min
Response: 189723913
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

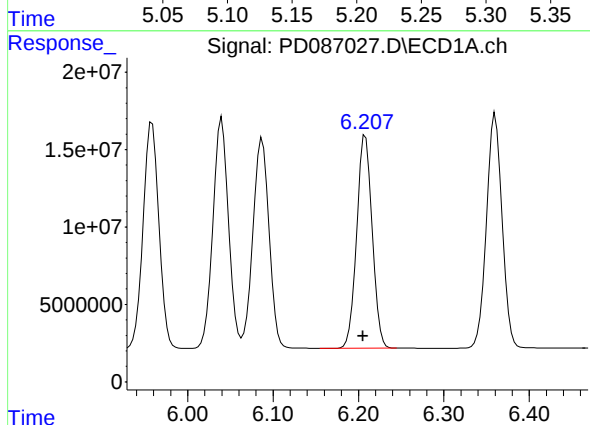
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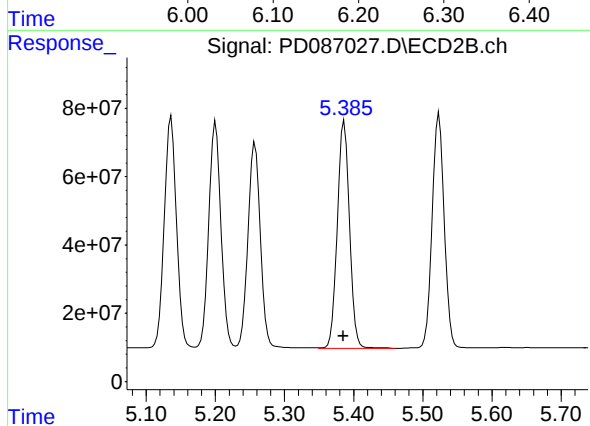
#11 alpha-Chlordane

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 808661890
Conc: 52.92 ng/ml



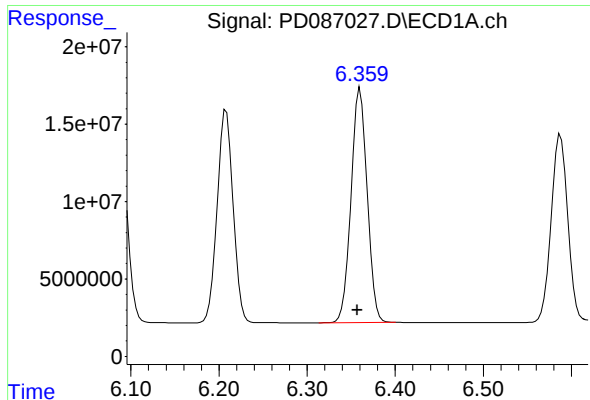
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 173361536
Conc: 53.28 ng/ml



#12 4,4'-DDE

R.T.: 5.386 min
Delta R.T.: 0.001 min
Response: 815233935
Conc: 54.08 ng/ml



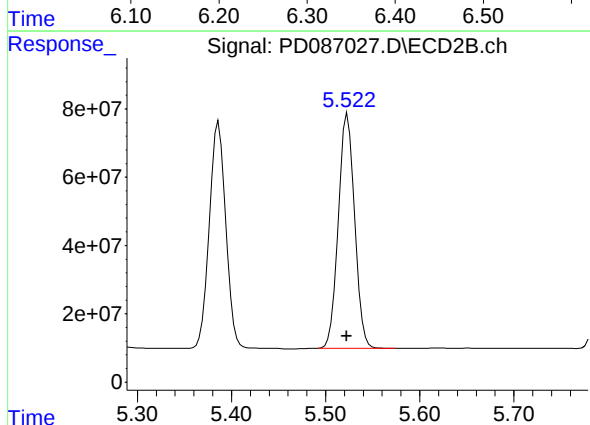
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 192826935
Conc: 53.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

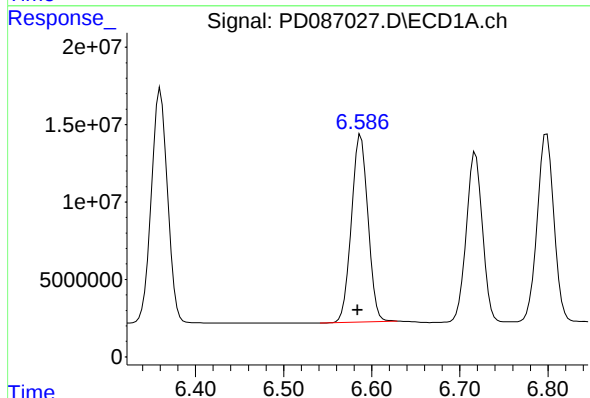
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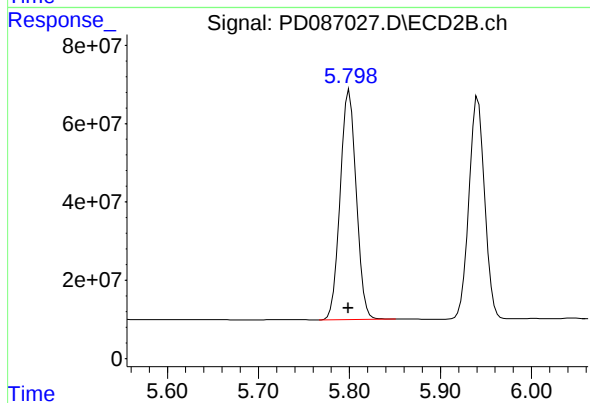
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 826516396
Conc: 53.08 ng/ml



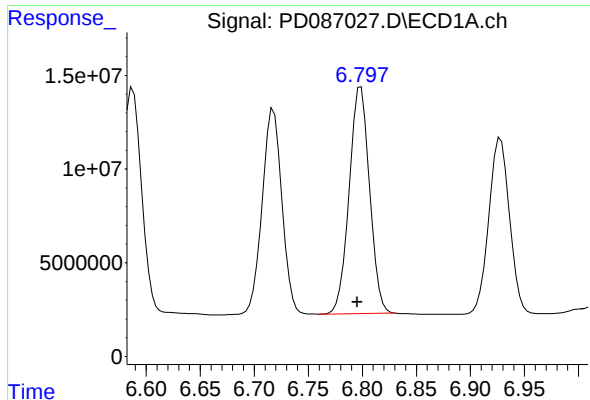
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.004 min
Response: 157984112
Conc: 52.21 ng/ml



#14 Endrin

R.T.: 5.800 min
Delta R.T.: 0.001 min
Response: 720041705
Conc: 51.47 ng/ml



#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 158834847
Conc: 53.14 ng/ml

Instrument :

ECD_D

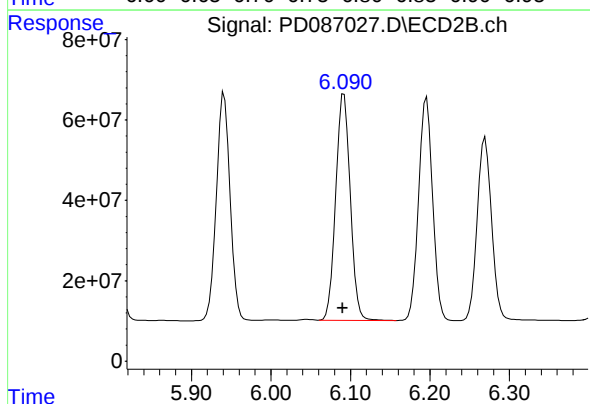
ClientSampleId :

PSTDCCC050

Manual Integrations

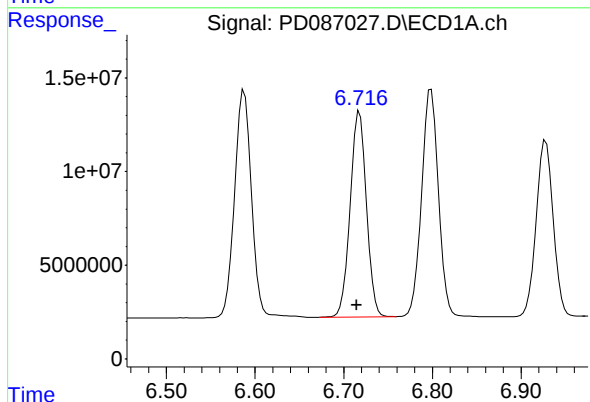
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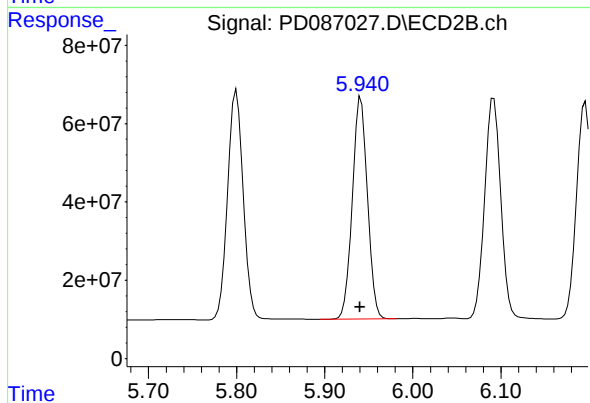
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: 0.002 min
Response: 718819412
Conc: 52.22 ng/ml



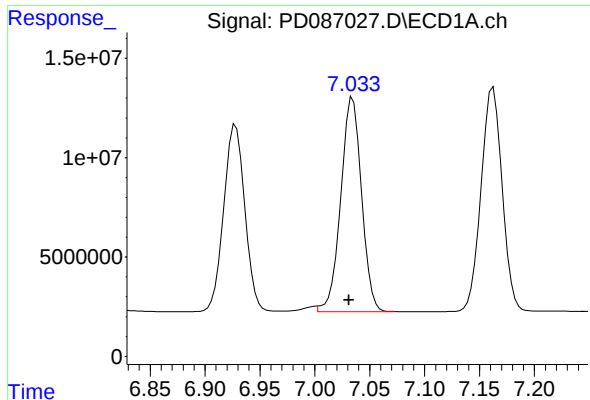
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.003 min
Response: 139916427
Conc: 53.82 ng/ml



#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 677269655
Conc: 53.88 ng/ml



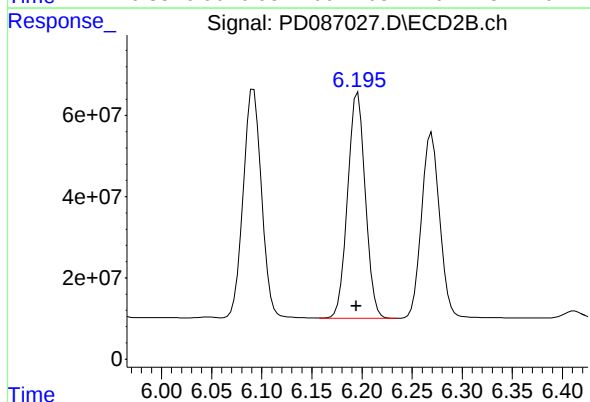
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 141718565
Conc: 50.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

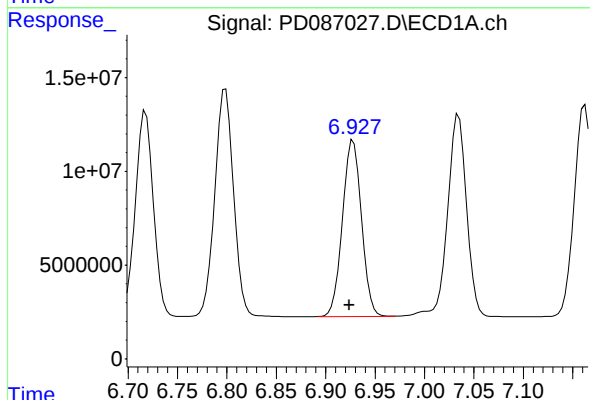
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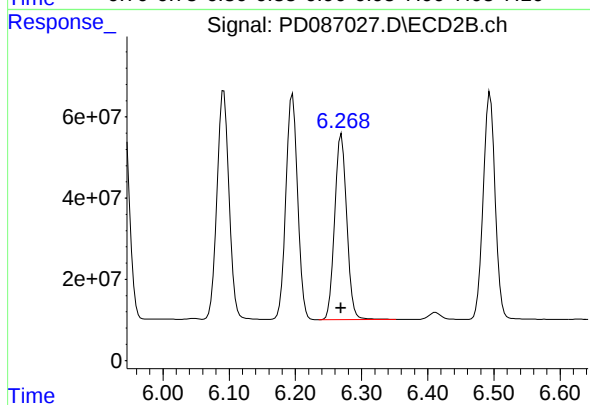
#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 681921677
Conc: 51.14 ng/ml



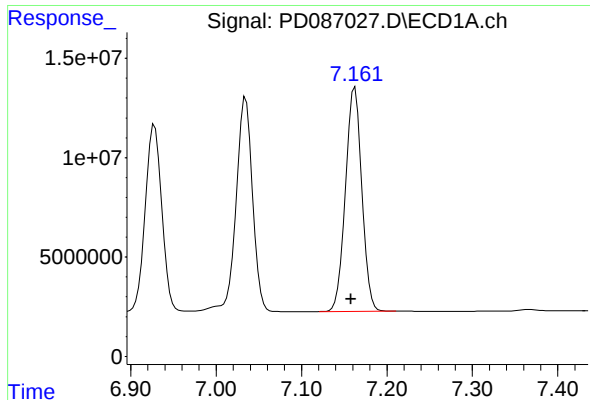
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 125990713
Conc: 51.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 574887138
Conc: 51.82 ng/ml



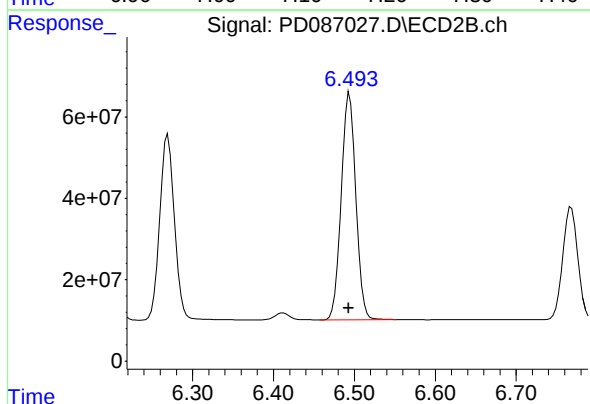
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 150264942
Conc: 51.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

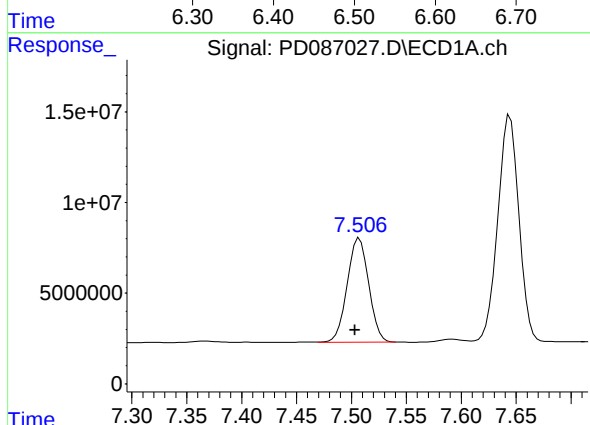
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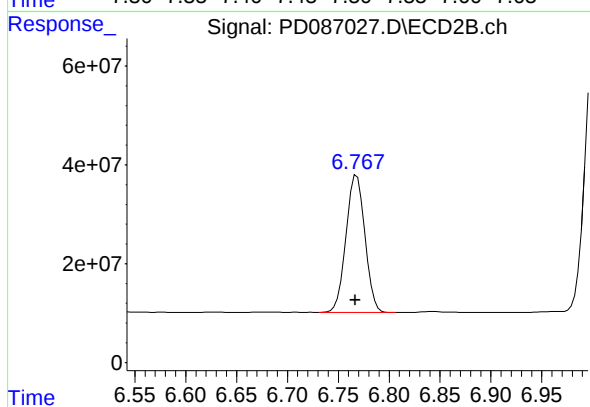
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 699338993
Conc: 51.69 ng/ml



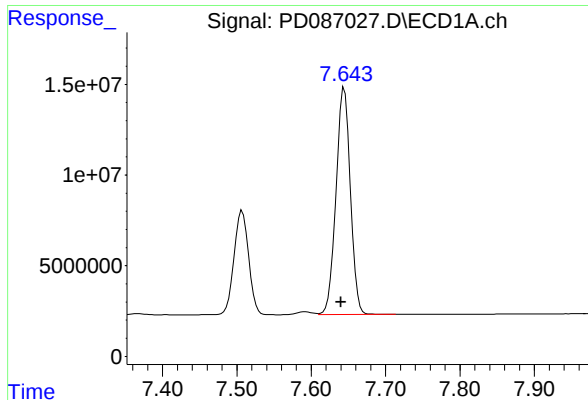
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.004 min
Response: 78142159
Conc: 48.86 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 359607649
Conc: 50.13 ng/ml



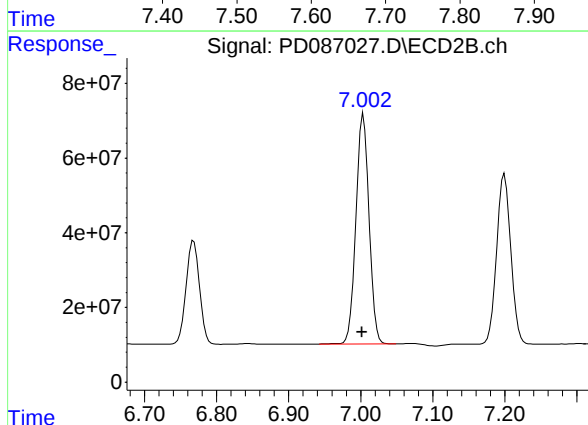
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.005 min
Response: 167746946
Conc: 51.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

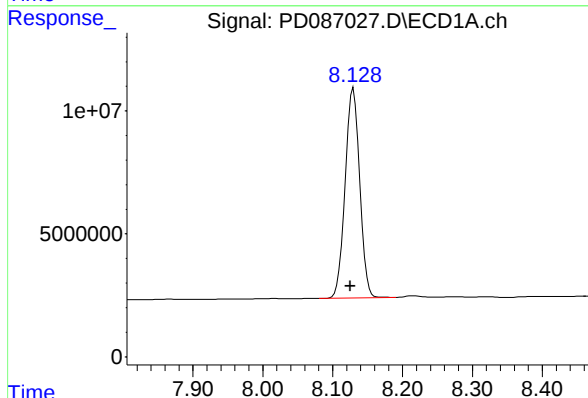
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2024
Supervised By :Ankita Jodhani 12/06/2024



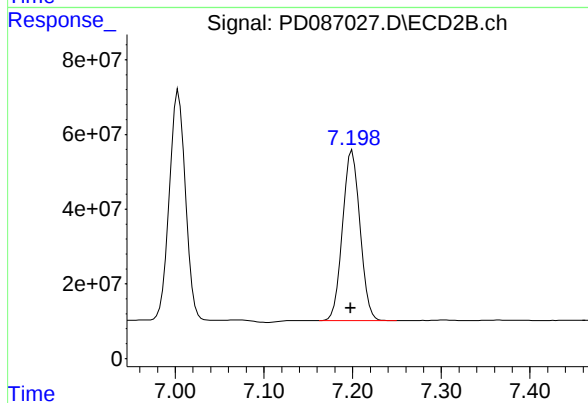
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 779477354
Conc: 51.72 ng/ml



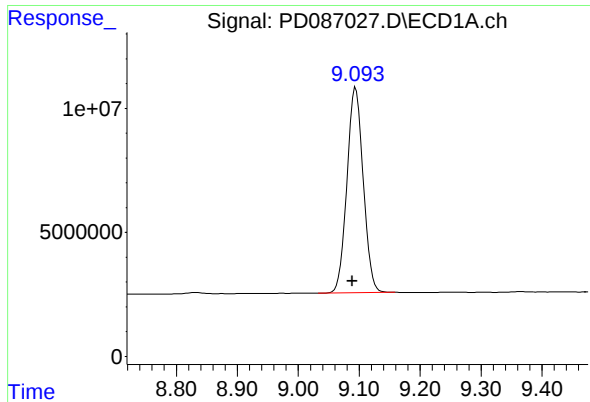
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.004 min
Response: 123523546
Conc: 49.51 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 624300771
Conc: 50.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.006 min
Response: 153750538
Conc: 48.33 ng/ml

Instrument :

ECD_D

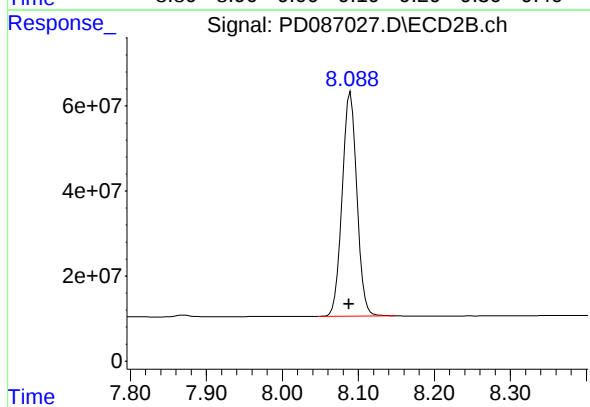
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 706341506
Conc: 50.70 ng/ml