

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 19:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2022
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:55:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.473	4.124	159.4E6	1459.0E6	55.016	50.464
28)	SA Decachlor...	8.242	9.322	153.0E6	581.7E6	50.061	51.004
Target Compounds							
2)	A alpha-BHC	3.913	4.529	233.1E6	1880.3E6	53.123m	49.608
3)	MA gamma-BHC...	4.198	4.823	220.7E6	1530.0E6	50.820	51.226
4)	MA Heptachlor	4.497	5.340	226.4E6	1137.5E6	54.387m	51.495
5)	MB Aldrin	4.746	5.652	225.1E6	955.3E6	53.858	51.599
6)	B beta-BHC	4.448	4.999	86908653	635.1E6	51.998	47.344
7)	B delta-BHC	4.653	5.224	215.6E6	1225.0E6	54.467	51.811
8)	B Heptachlo...	5.192	6.047	199.6E6	778.2E6	53.290	51.470
9)	A Endosulfan I	5.531	6.412	190.0E6	755.5E6	54.409	52.044
10)	B gamma-Chl...	5.418	6.284	207.3E6	820.3E6	53.304	52.010
11)	B alpha-Chl...	5.477	6.357	204.1E6	796.7E6	53.384	51.780
12)	B 4,4'-DDE	5.643	6.512	192.3E6	791.6E6	54.601	52.737
13)	MA Dieldrin	5.775	6.674	205.5E6	807.3E6	54.705	52.835
14)	MA Endrin	6.034	6.896	181.4E6	635.8E6	58.076	61.298
15)	B Endosulfa...	6.308	7.110	162.2E6	654.1E6	53.916	52.249
16)	A 4,4'-DDD	6.160	7.012	161.6E6	665.3E6	55.060	53.486
17)	MA 4,4'-DDT	6.401	7.313	170.7E6	725.7E6	55.766	54.183
18)	B Endrin al...	6.477	7.236	124.1E6	526.0E6	51.753	52.158
19)	B Endosulfa...	6.689	7.461	160.5E6	642.1E6	53.880m	53.138
20)	A Methoxychlor	6.951	7.773	90628453	361.7E6	54.822m	52.634
21)	B Endrin ke...	7.184	7.942	192.9E6	694.5E6	55.691	50.179
22)	Mirex	7.369	8.396	140.6E6	466.0E6	50.700m	50.713

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2022 19:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

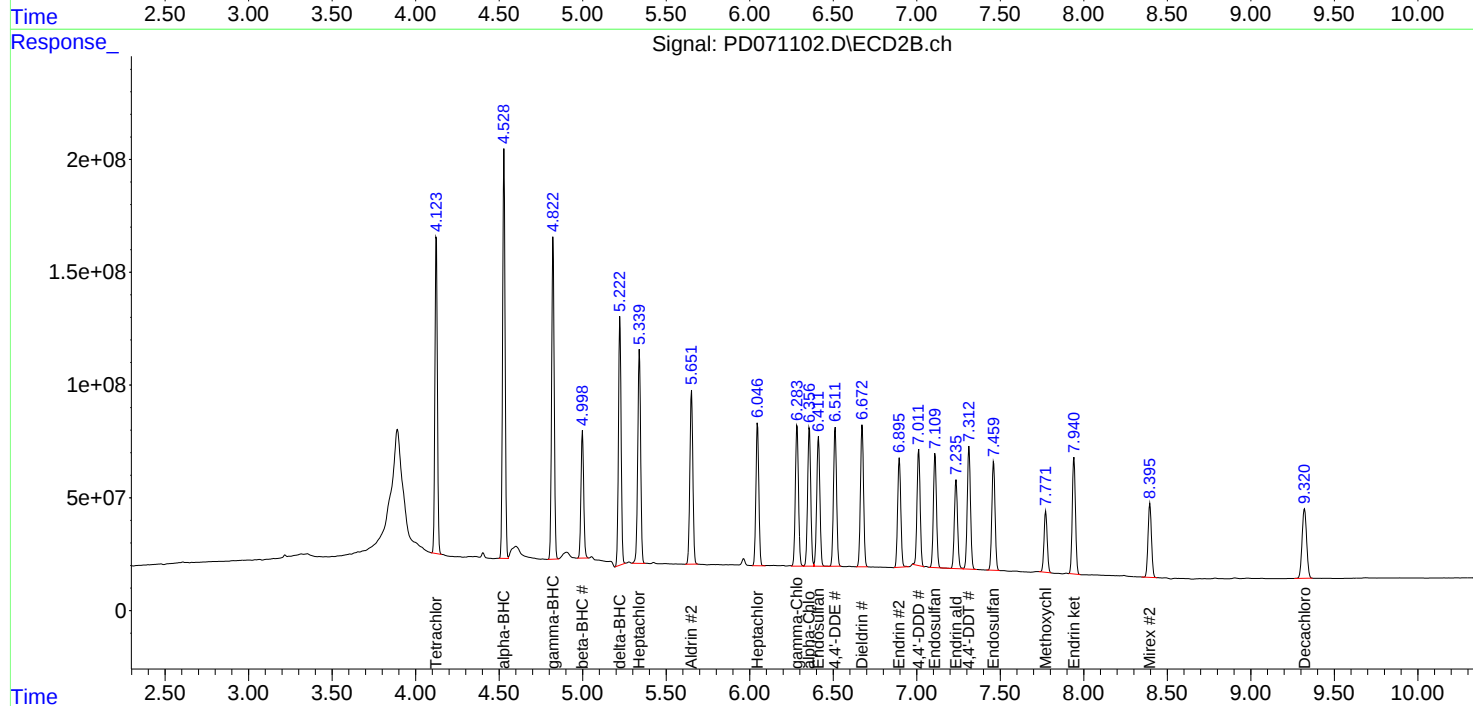
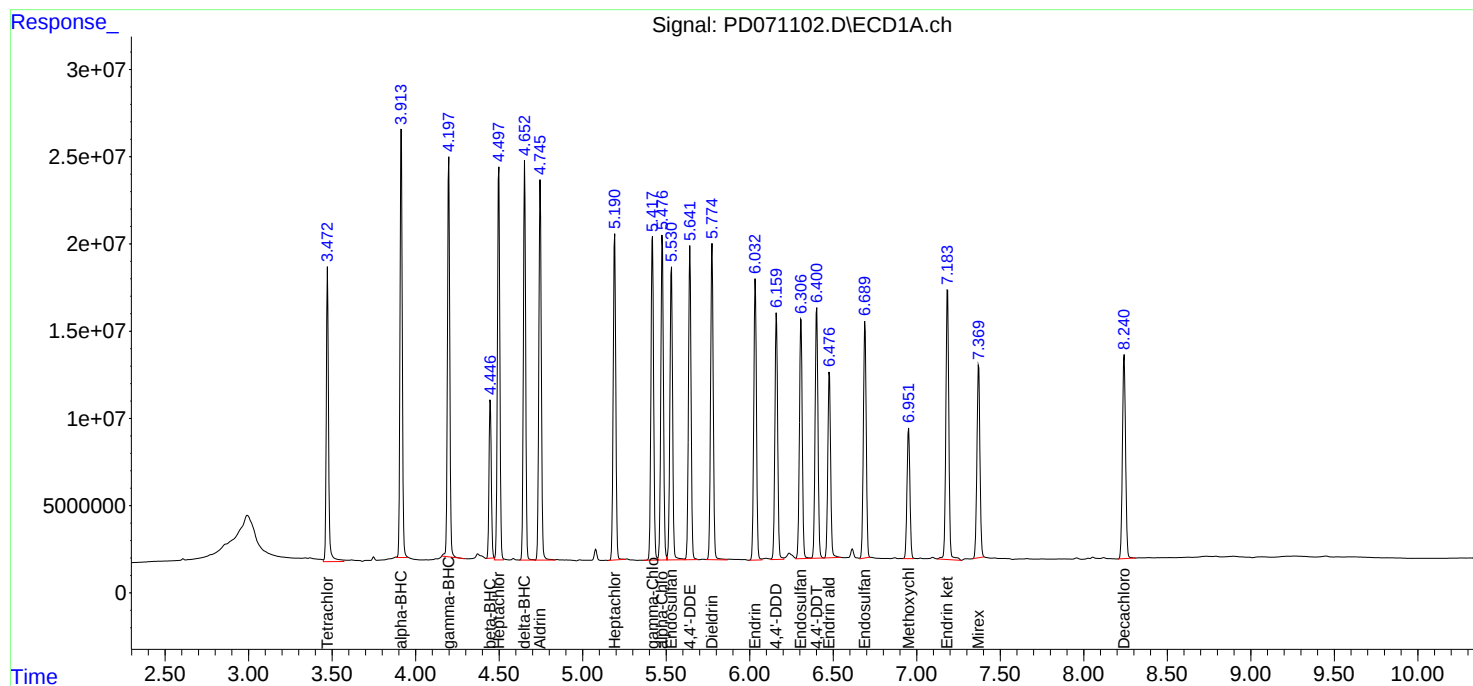
Manual Integrations

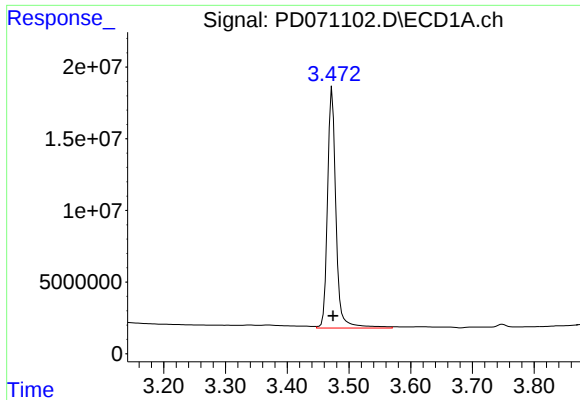
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Supervised By :Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 23:55:43 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





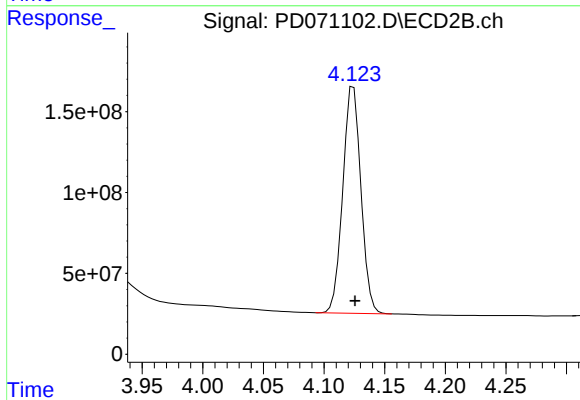
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.001 min
Response: 159429926
Conc: 55.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

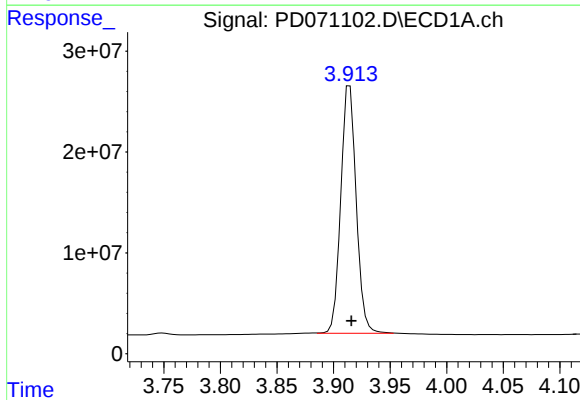
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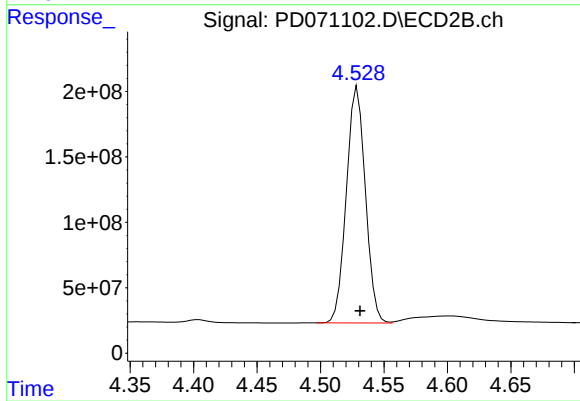
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 1459018182
Conc: 50.46 ng/ml



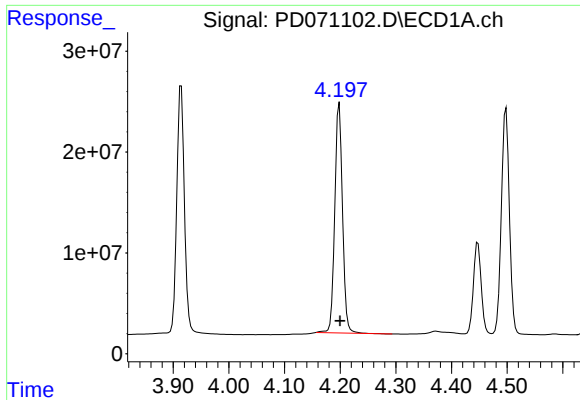
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 233064133
Conc: 53.12 ng/ml m



#2 alpha-BHC

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 1880320220
Conc: 49.61 ng/ml



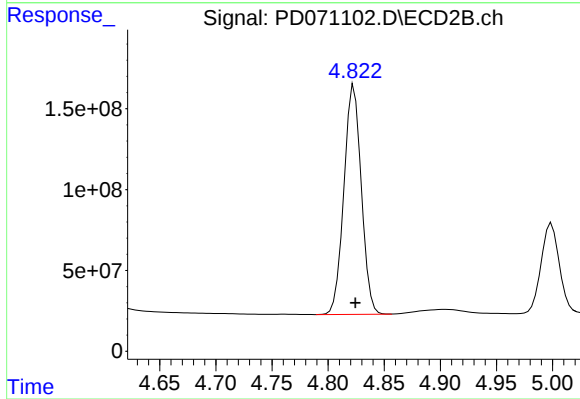
#3 gamma-BHC (Lindane)

R.T.: 4.198 min
Delta R.T.: -0.001 min
Response: 220662030
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

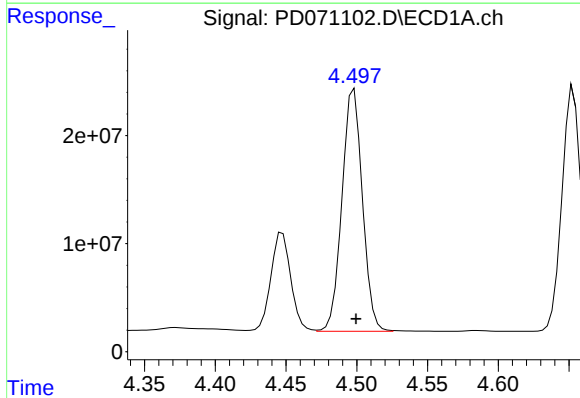
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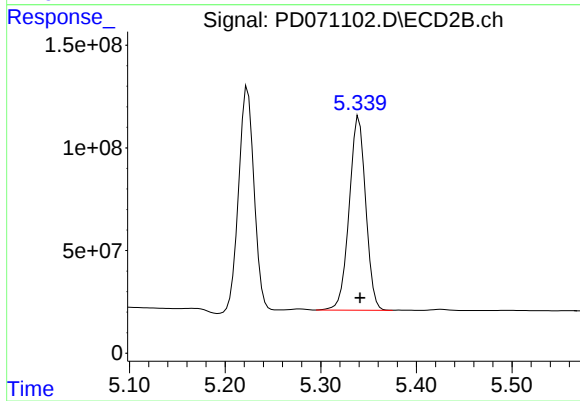
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 1529985875
Conc: 51.23 ng/ml



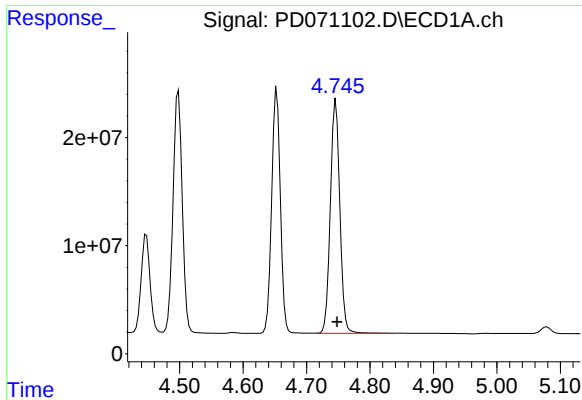
#4 Heptachlor

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 226442131
Conc: 54.39 ng/ml m



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: -0.001 min
Response: 1137499008
Conc: 51.49 ng/ml



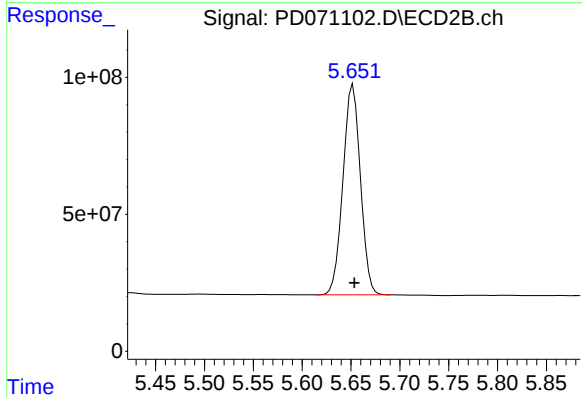
#5 Aldrin

R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 225073129
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

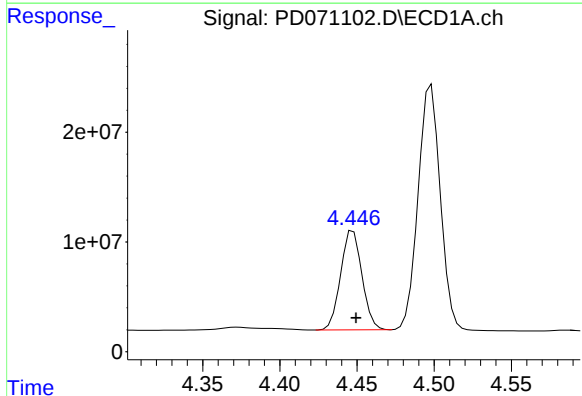
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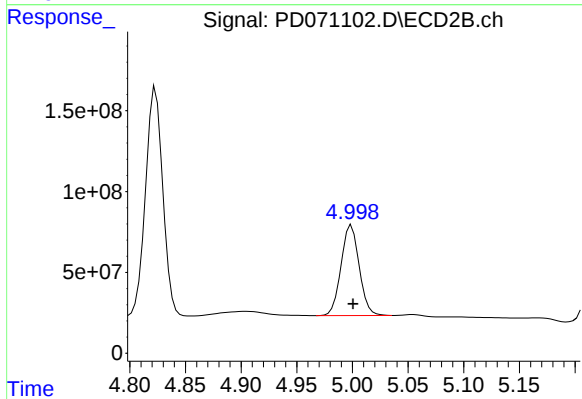
#5 Aldrin

R.T.: 5.652 min
Delta R.T.: -0.001 min
Response: 955251655
Conc: 51.60 ng/ml



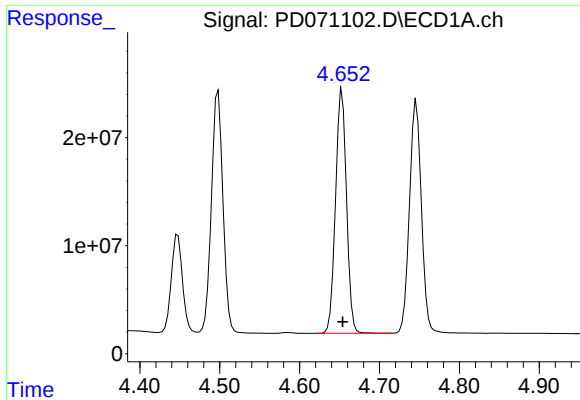
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.002 min
Response: 86908653
Conc: 52.00 ng/ml



#6 beta-BHC

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 635055178
Conc: 47.34 ng/ml



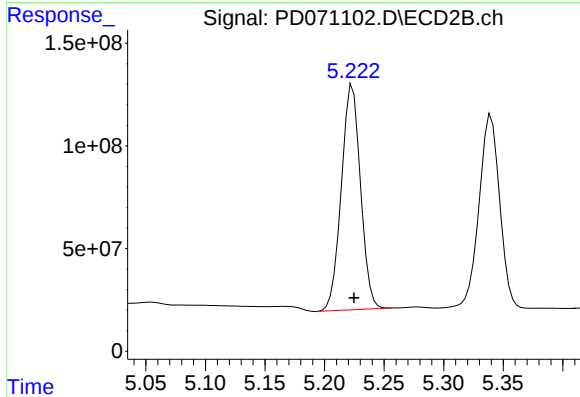
#7 delta-BHC

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 215578964
Conc: 54.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

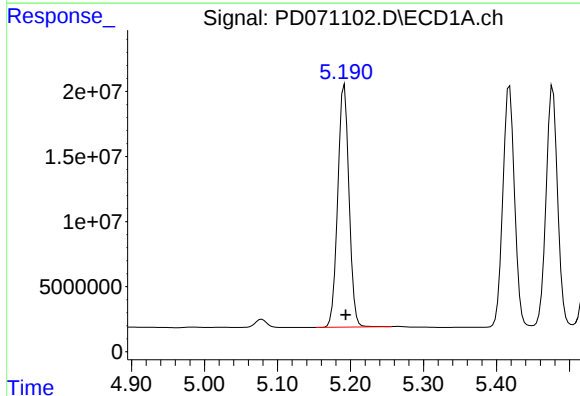
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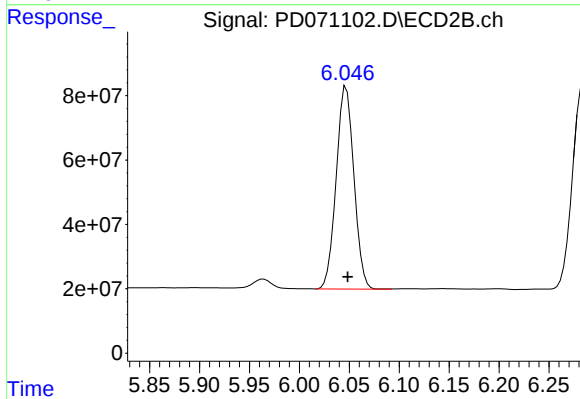
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 1225013625
Conc: 51.81 ng/ml



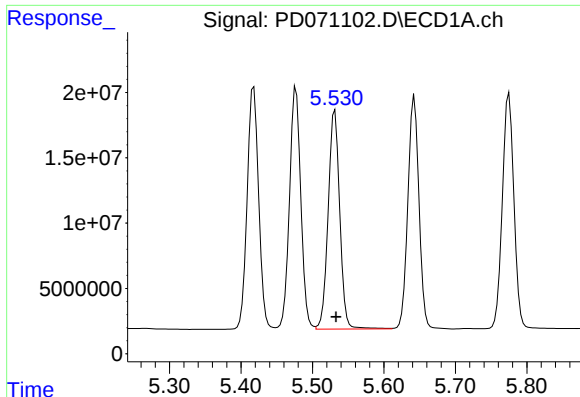
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 199613836
Conc: 53.29 ng/ml



#8 Heptachlor epoxide

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 778180558
Conc: 51.47 ng/ml



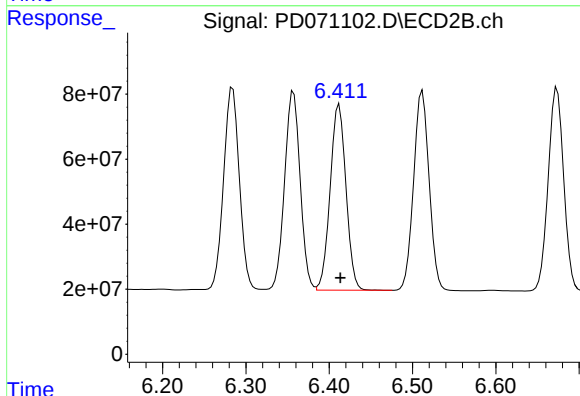
#9 Endosulfan I

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 189975947
Conc: 54.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

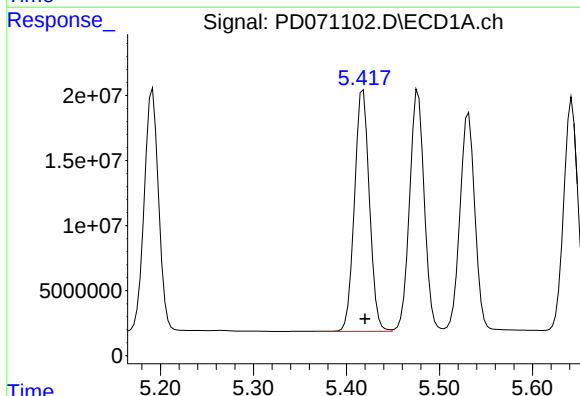
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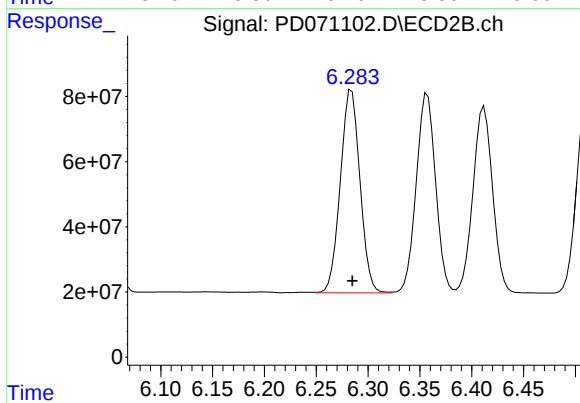
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 755504580
Conc: 52.04 ng/ml



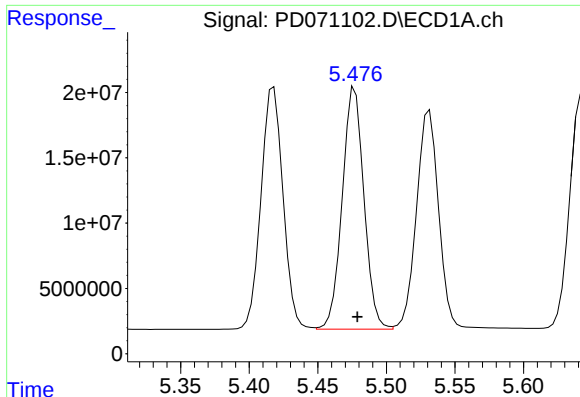
#10 gamma-Chlordane

R.T.: 5.418 min
Delta R.T.: -0.002 min
Response: 207268237
Conc: 53.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 820283793
Conc: 52.01 ng/ml



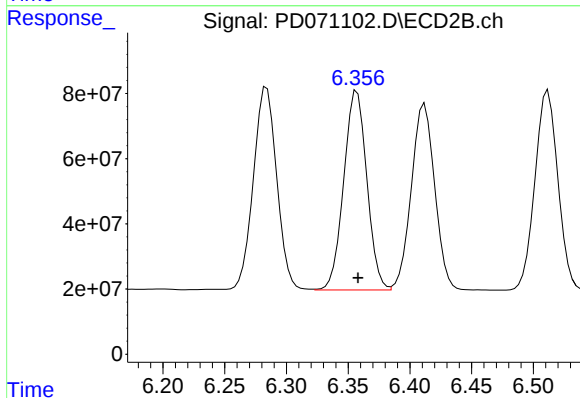
#11 alpha-Chlordane

R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 204104884
Conc: 53.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

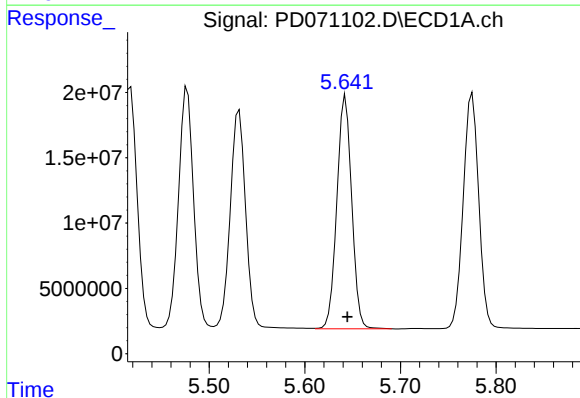
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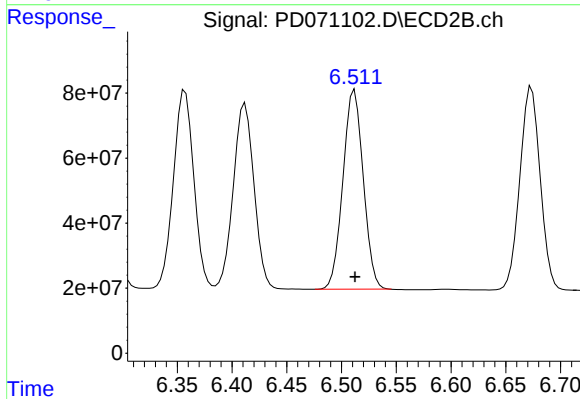
#11 alpha-Chlordane

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 796730297
Conc: 51.78 ng/ml



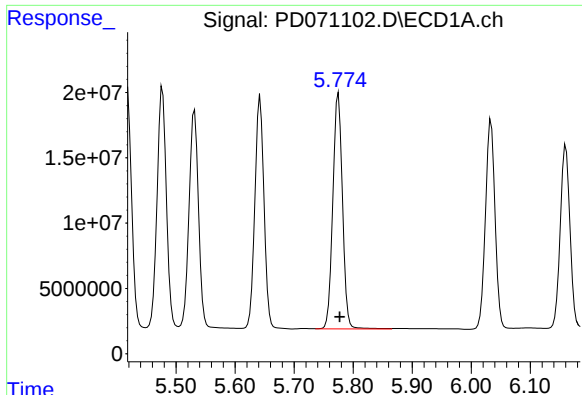
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.002 min
Response: 192287517
Conc: 54.60 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 791590210
Conc: 52.74 ng/ml



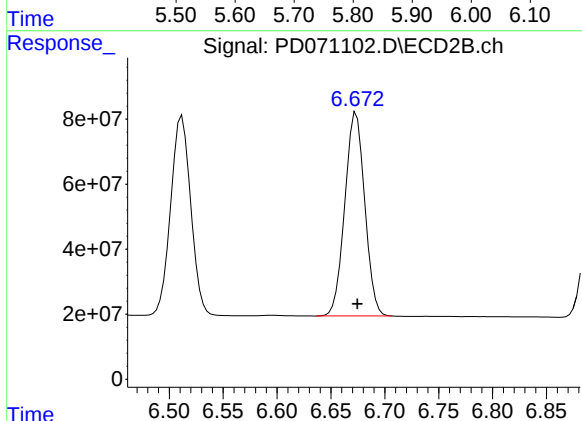
#13 Dieldrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 205498872
Conc: 54.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

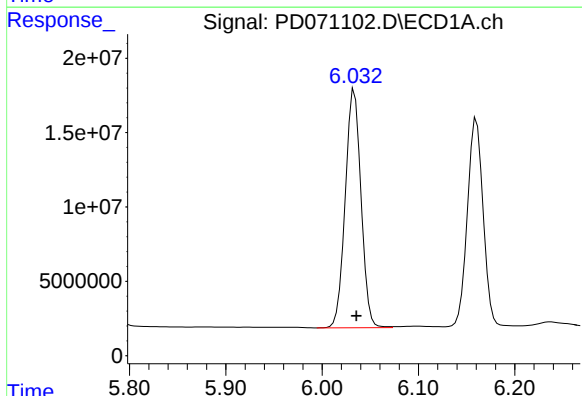
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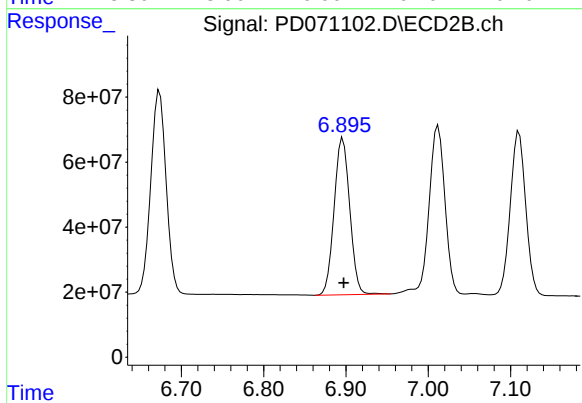
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 807319208
Conc: 52.83 ng/ml



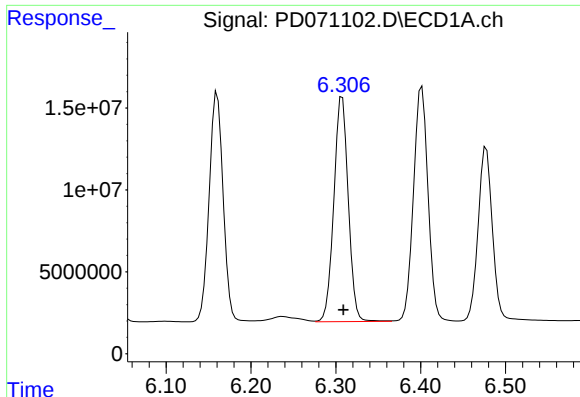
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 181358300
Conc: 58.08 ng/ml



#14 Endrin

R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 635788873
Conc: 61.30 ng/ml



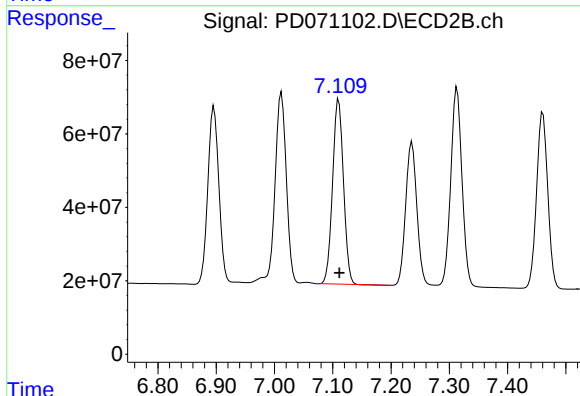
#15 Endosulfan II

R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 162184343
Conc: 53.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

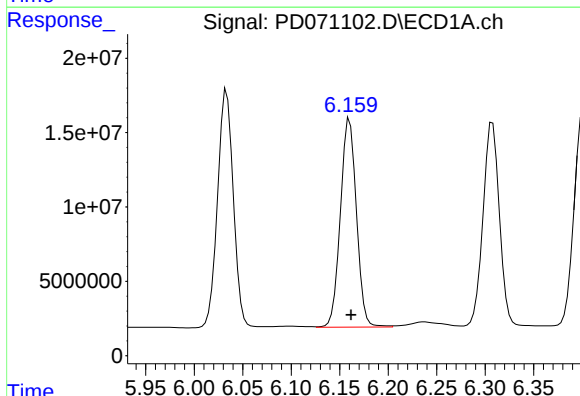
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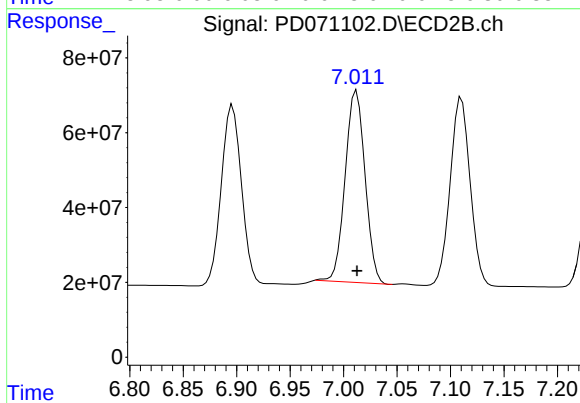
#15 Endosulfan II

R.T.: 7.110 min
Delta R.T.: -0.001 min
Response: 654062101
Conc: 52.25 ng/ml



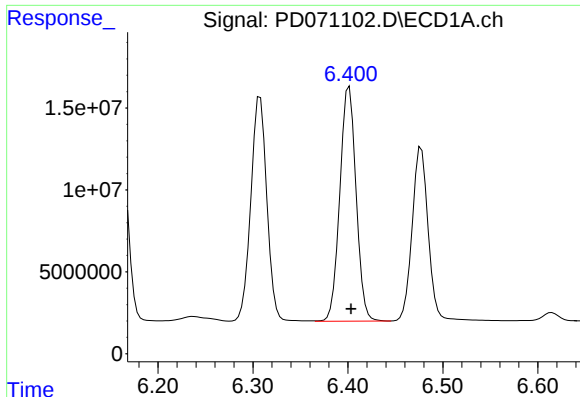
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 161598764
Conc: 55.06 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 665272225
Conc: 53.49 ng/ml



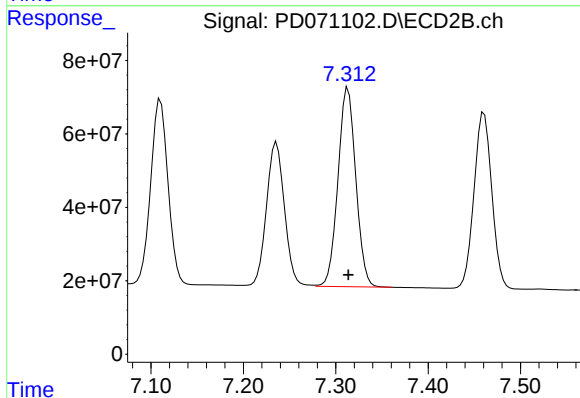
#17 4,4'-DDT

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 170708474
Conc: 55.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

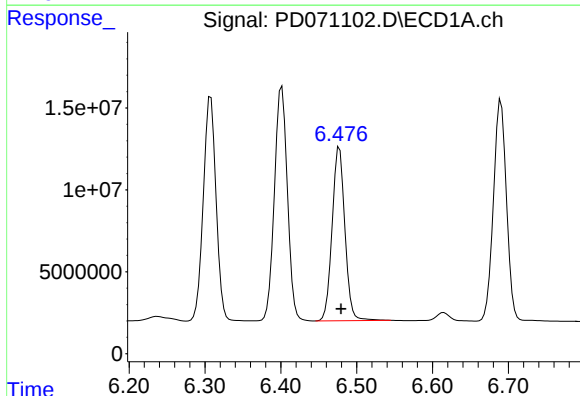
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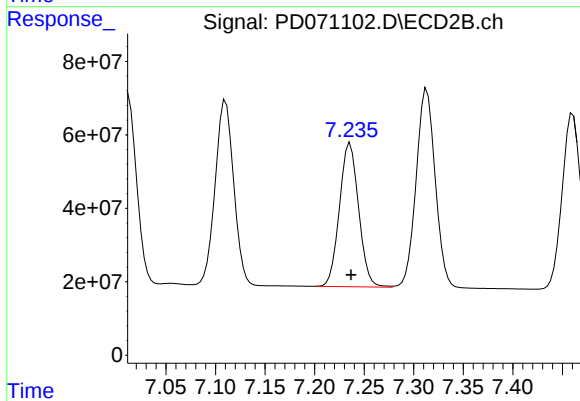
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 725700719
Conc: 54.18 ng/ml



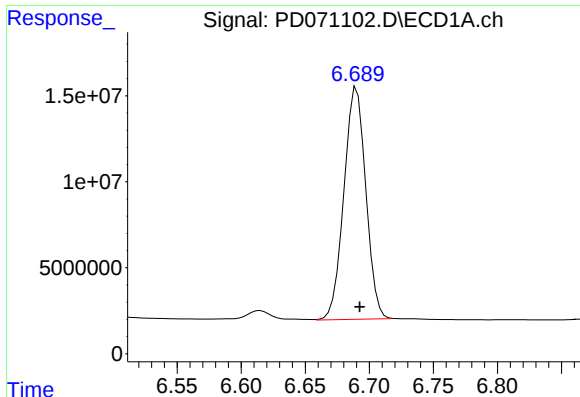
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 124130240
Conc: 51.75 ng/ml



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 525973427
Conc: 52.16 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 160503978
Conc: 53.88 ng/ml

Instrument :

ECD_D

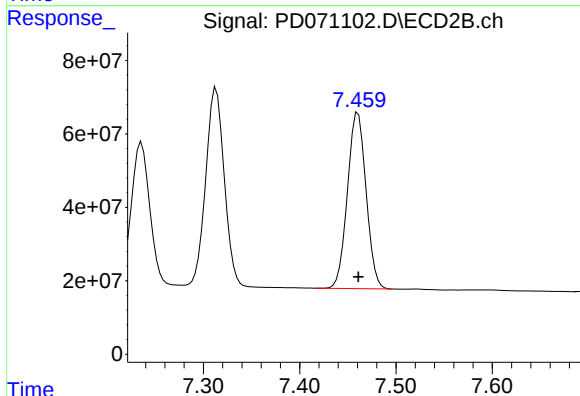
ClientSampleId :

PSTDCCC050

Manual Integrations

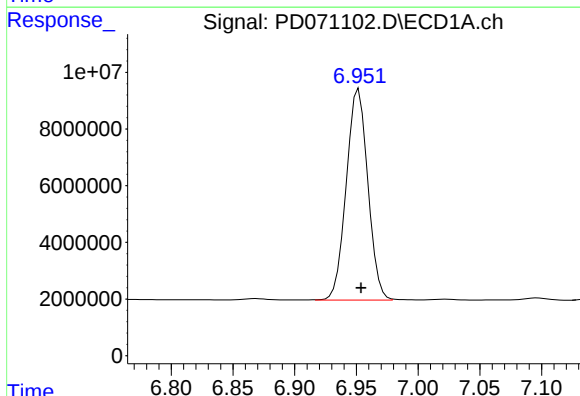
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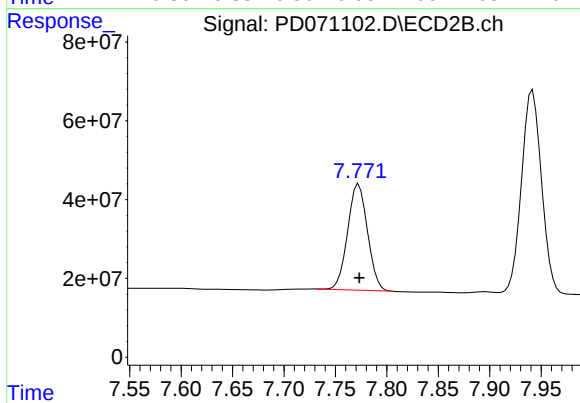
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 642076646
Conc: 53.14 ng/ml



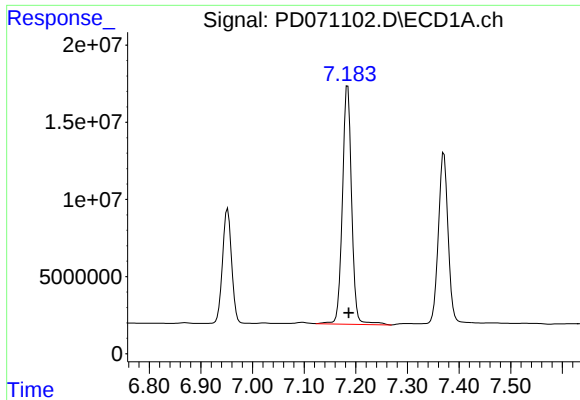
#20 Methoxychlor

R.T.: 6.951 min
Delta R.T.: -0.003 min
Response: 90628453
Conc: 54.82 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 361672760
Conc: 52.63 ng/ml



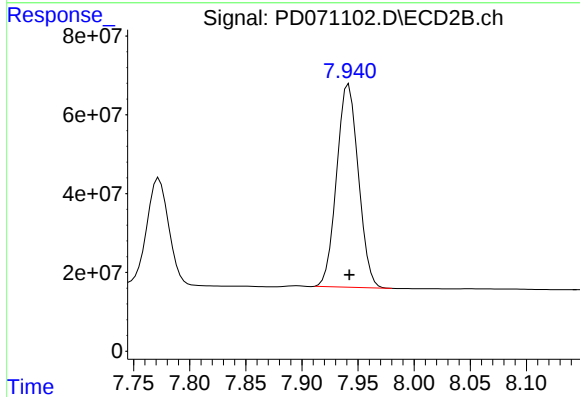
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 192906278
Conc: 55.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

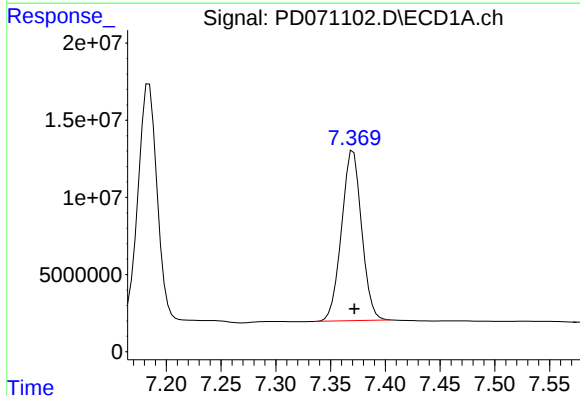
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2022
Supervised By :Ankita Jodhani 07/22/2022



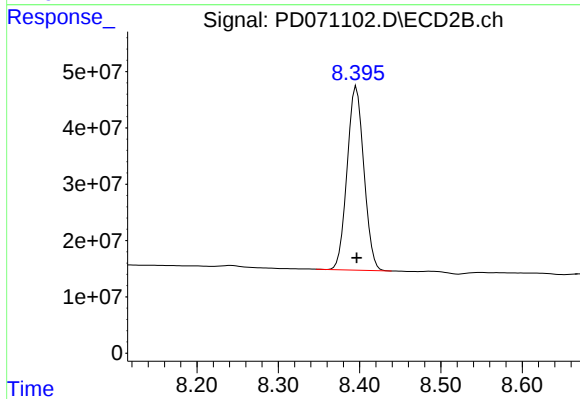
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 694467943
Conc: 50.18 ng/ml



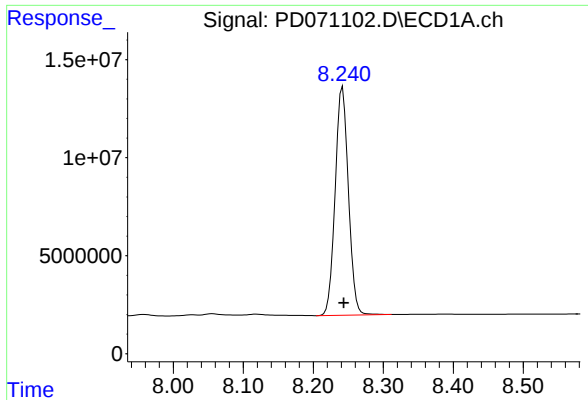
#22 Mirex

R.T.: 7.369 min
Delta R.T.: -0.002 min
Response: 140566618
Conc: 50.70 ng/ml m



#22 Mirex

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 466023747
Conc: 50.71 ng/ml



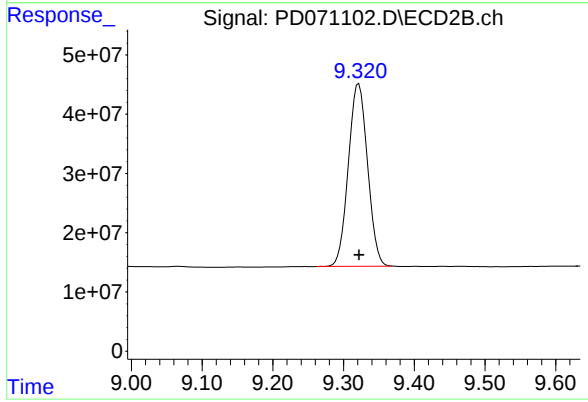
#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.002 min
Response: 152952716
Conc: 50.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2022
Supervised By :Ankita Jodhani 07/22/2022



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 581699280
Conc: 51.00 ng/ml