

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
 Data File : PD069003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 17:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/08/2022
 Supervised By :mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:12:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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 x0.2 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...	3.455	4.173	54592215	519.4E6	44.962	54.328
28)	SA Decachlor...	8.218	9.375	57021362	308.3E6	45.134	54.399
Target Compounds							
2)	A alpha-BHC	3.896	4.570	84847357	763.0E6	46.862	55.441
3)	MA gamma-BHC...	4.180	4.861	78311660	678.8E6	46.900	54.288
4)	MA Heptachlor	4.479	5.388	75535813	650.4E6	45.849	54.731
5)	MB Aldrin	4.726	5.702	75383358	637.7E6	47.170	55.554
6)	B beta-BHC	4.431	5.024	34052332	299.0E6	45.735	54.468
7)	B delta-BHC	4.635	5.250	77603274	657.0E6	47.486	54.630
8)	B Heptachlo...	5.171	6.088	69408886	613.1E6	46.412	58.709m#
9)	A Endosulfan I	5.510	6.452	65259081	512.9E6	46.639	54.696m
10)	B gamma-Chl...	5.397	6.325	70583472	562.7E6	46.530	54.595m
11)	B alpha-Chl...	5.456	6.402	69391970	566.8E6	46.427	56.932
12)	B 4,4'-DDE	5.621	6.552	64411576	518.5E6	47.083m	55.948
13)	MA Dieldrin	5.754	6.712	68536119	536.8E6	46.938	55.264
14)	MA Endrin	6.012	6.932	59539103	362.3E6	45.197	46.827
15)	B Endosulfa...	6.287	7.138	57475226	414.0E6	46.115	54.774
16)	A 4,4'-DDD	6.141	7.044	56494944	420.2E6	47.908	56.901
17)	MA 4,4'-DDT	6.380	7.346	53354398	411.7E6	44.389	56.038 #
18)	B Endrin al...	6.456	7.262	45046206	330.5E6	45.375	54.620
19)	B Endosulfa...	6.669	7.486	59509263	412.2E6	46.534	56.047
20)	A Methoxychlor	6.932	7.800	30072929	198.1E6	43.394	54.333 #
21)	B Endrin ke...	7.162	7.962	70864550	441.0E6	48.136	56.915
22)	Mirex	7.346	8.429	53432062	301.3E6	45.084	54.963

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
 Data File : PD069003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 17:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

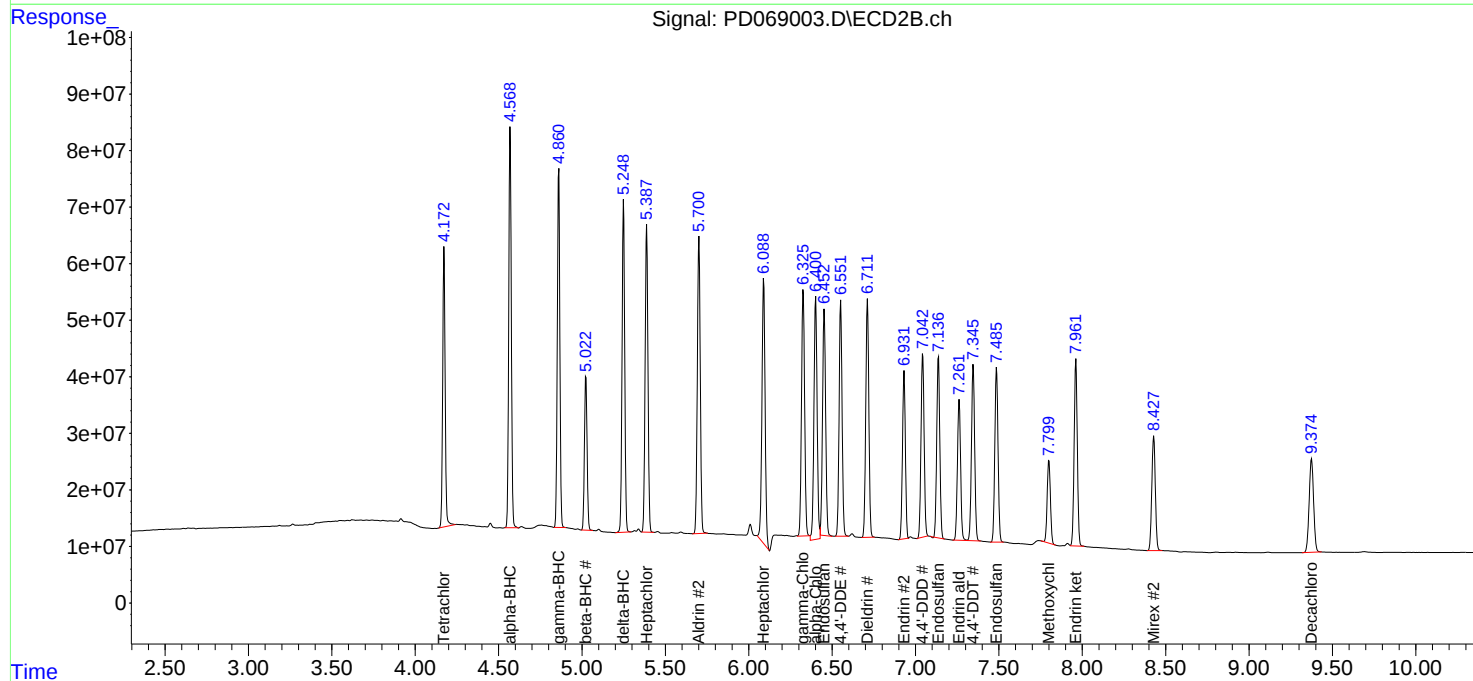
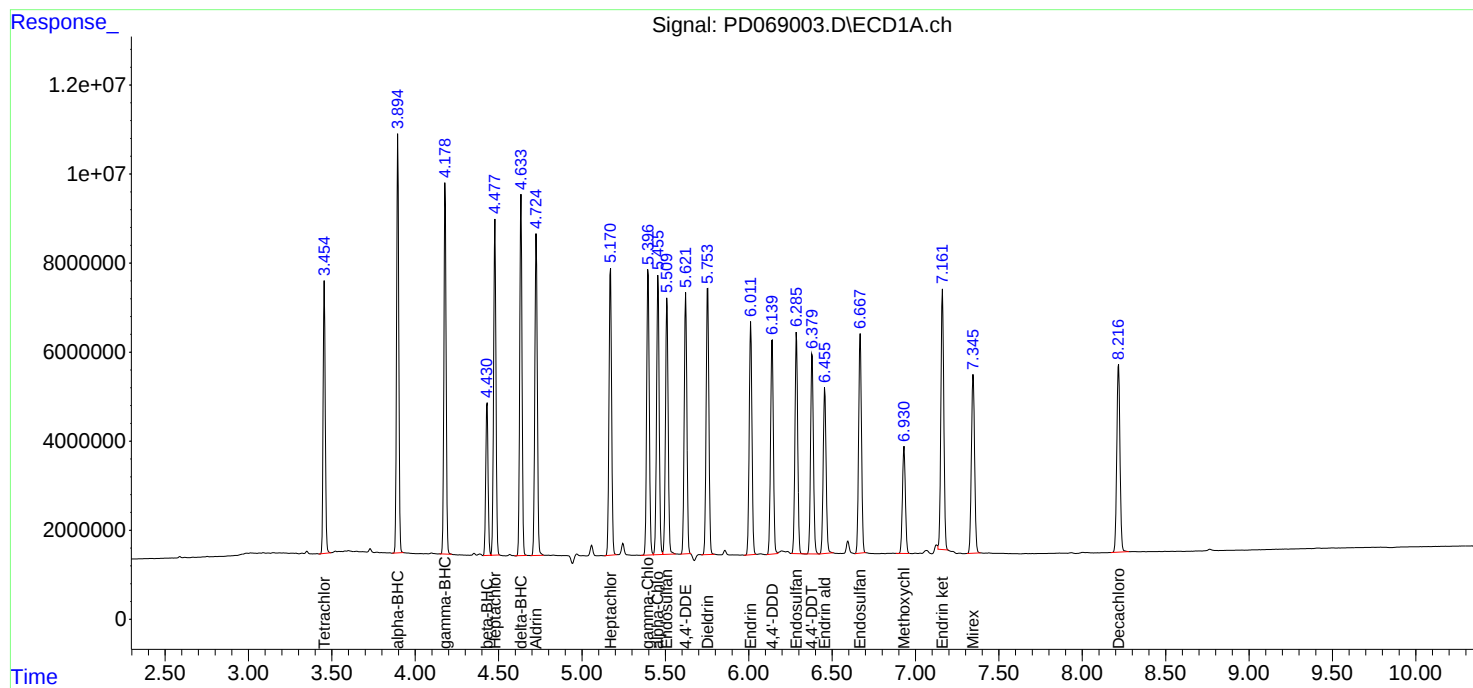
APPROVED

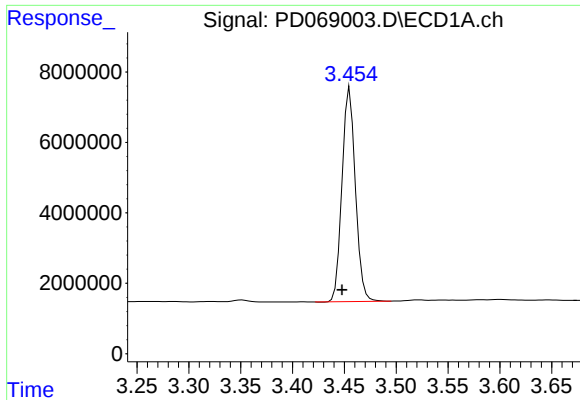
Reviewed By :Abdul Mirza 04/08/2022

Supervised By :mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:12:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
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 Integrator: ChemStation

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





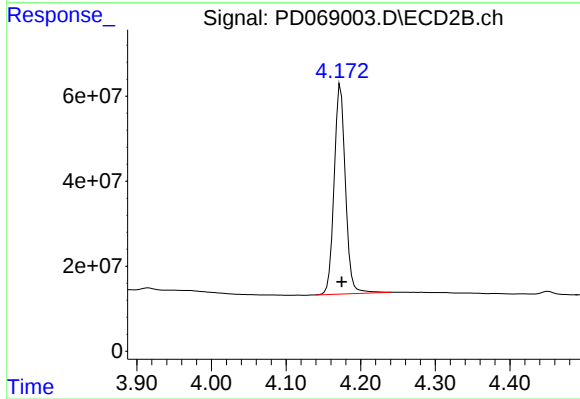
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: 0.007 min
Response: 54592215
Conc: 44.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

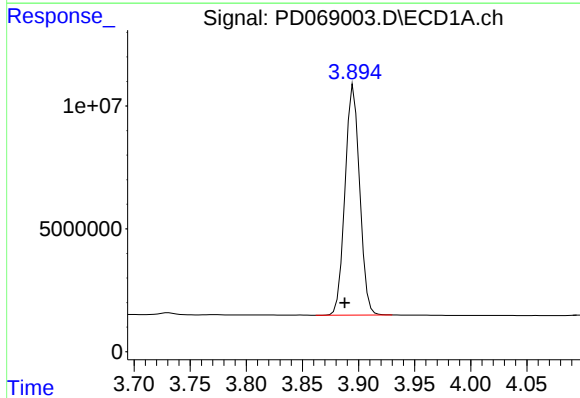
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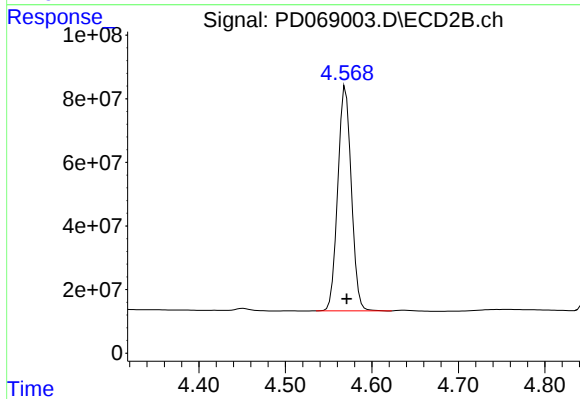
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 519420658
Conc: 54.33 ng/ml



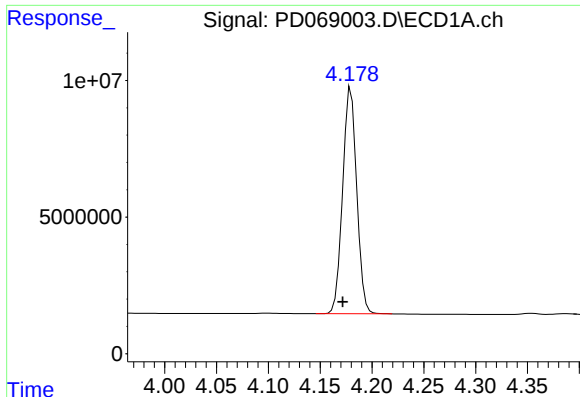
#2 alpha-BHC

R.T.: 3.896 min
Delta R.T.: 0.008 min
Response: 84847357
Conc: 46.86 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 763023158
Conc: 55.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.180 min
Delta R.T.: 0.008 min
Response: 78311660
Conc: 46.90 ng/ml

Instrument :

ECD_D

ClientSampleId :

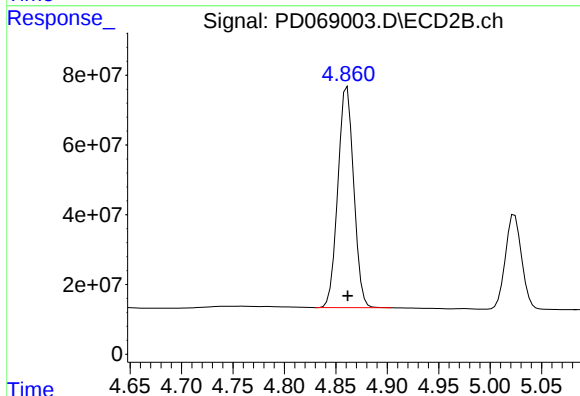
PSTDCCC050

Manual Integrations

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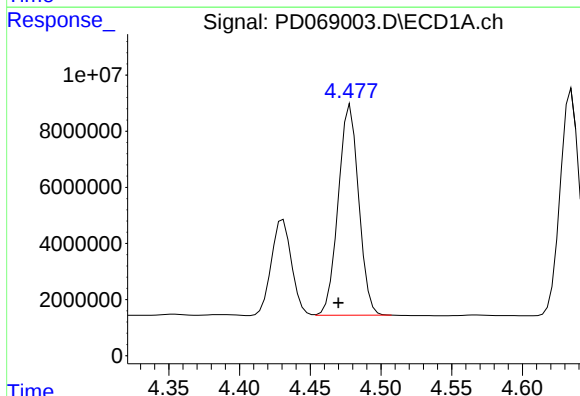
Reviewed By :Abdul Mirza 04/08/2022

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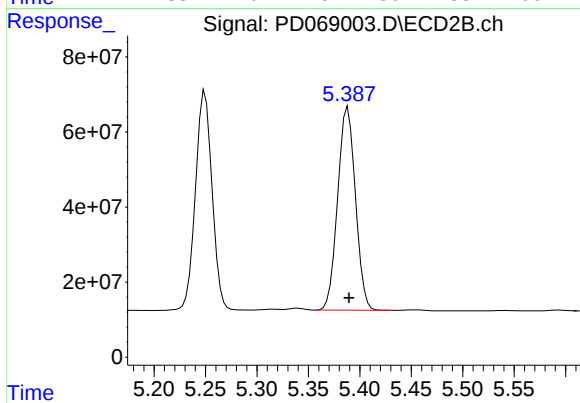
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 678774062
Conc: 54.29 ng/ml



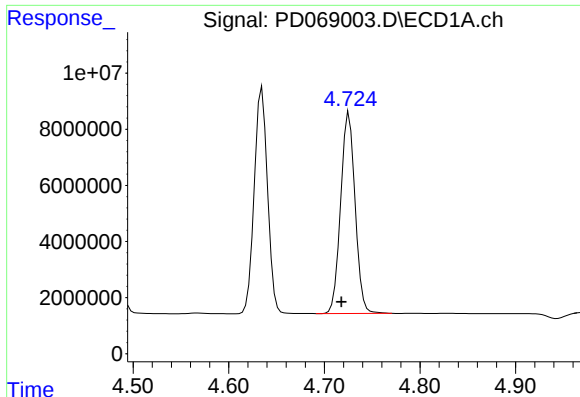
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.009 min
Response: 75535813
Conc: 45.85 ng/ml



#4 Heptachlor

R.T.: 5.388 min
Delta R.T.: -0.001 min
Response: 650433324
Conc: 54.73 ng/ml



#5 Aldrin

R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 75383358
Conc: 47.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

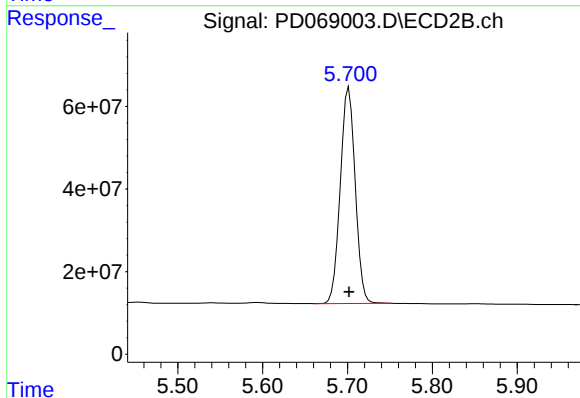
PSTDCCC050

Manual Integrations

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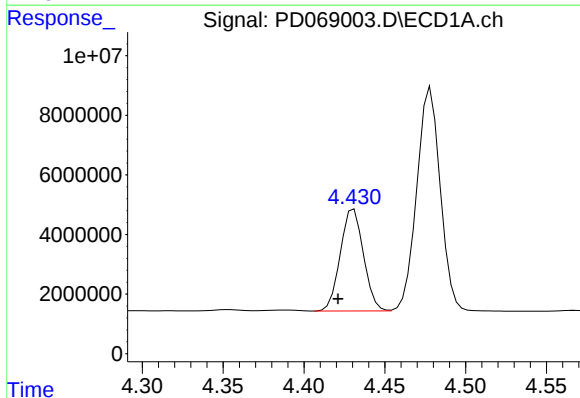
Reviewed By :Abdul Mirza 04/08/2022

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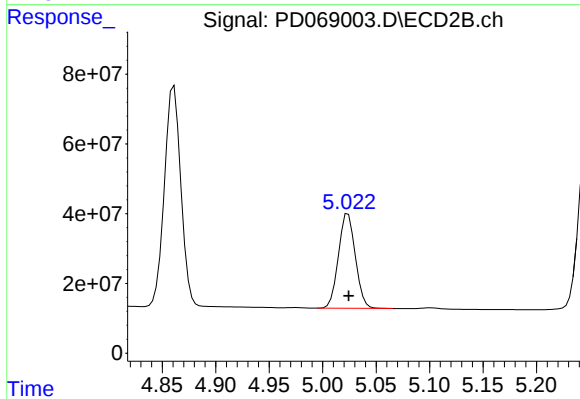
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 637689299
Conc: 55.55 ng/ml



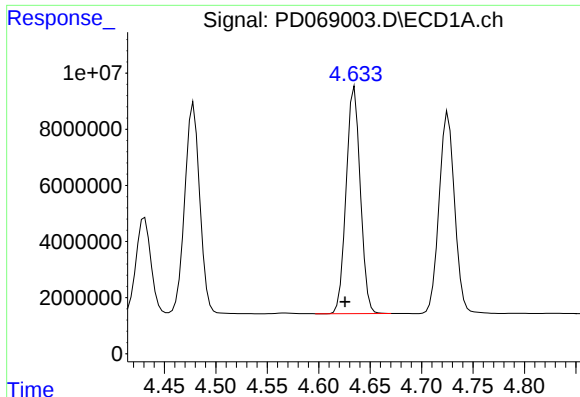
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.010 min
Response: 34052332
Conc: 45.73 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 299024824
Conc: 54.47 ng/ml



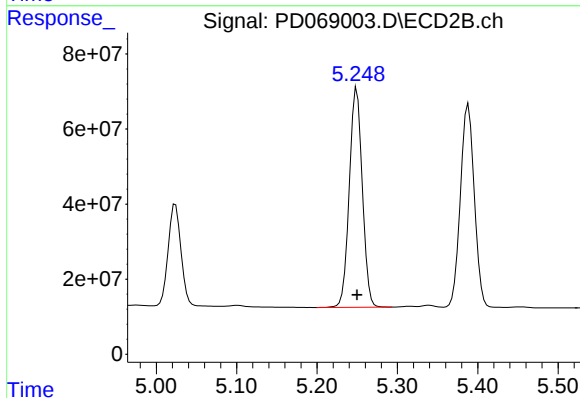
#7 delta-BHC

R.T.: 4.635 min
Delta R.T.: 0.009 min
Response: 77603274
Conc: 47.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

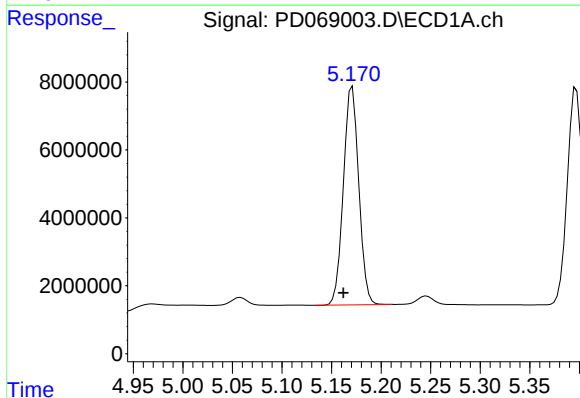
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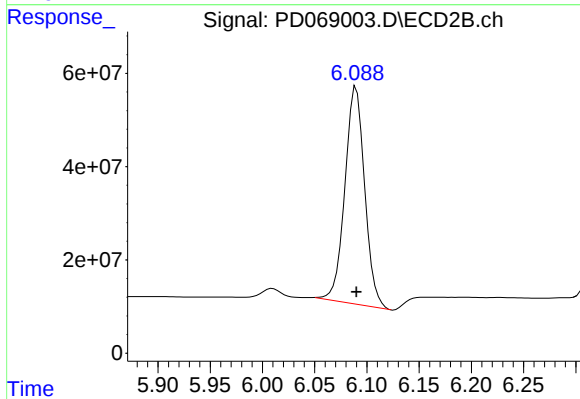
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 656966895
Conc: 54.63 ng/ml



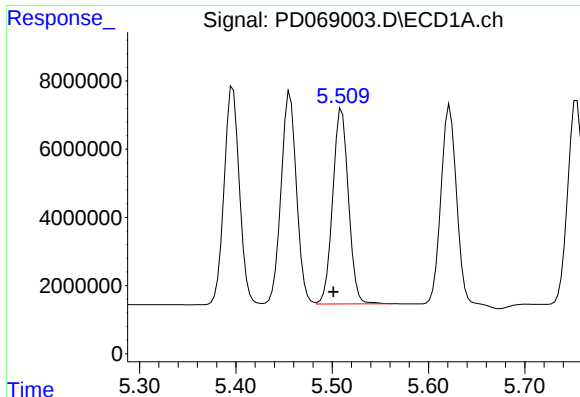
#8 Heptachlor epoxide

R.T.: 5.171 min
Delta R.T.: 0.009 min
Response: 69408886
Conc: 46.41 ng/ml



#8 Heptachlor epoxide

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 613088909
Conc: 58.71 ng/ml m



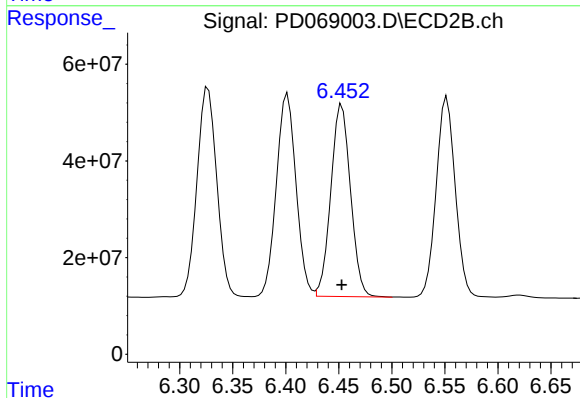
#9 Endosulfan I

R.T.: 5.510 min
Delta R.T.: 0.009 min
Response: 65259081
Conc: 46.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

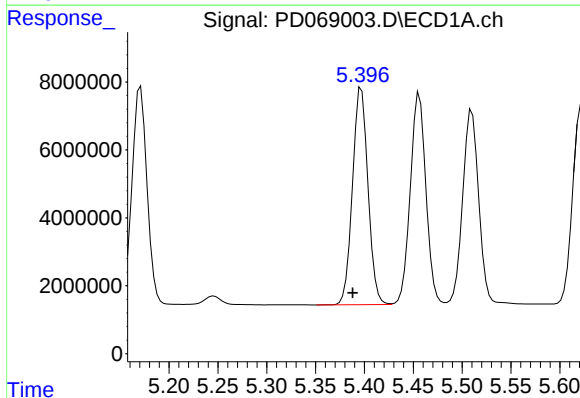
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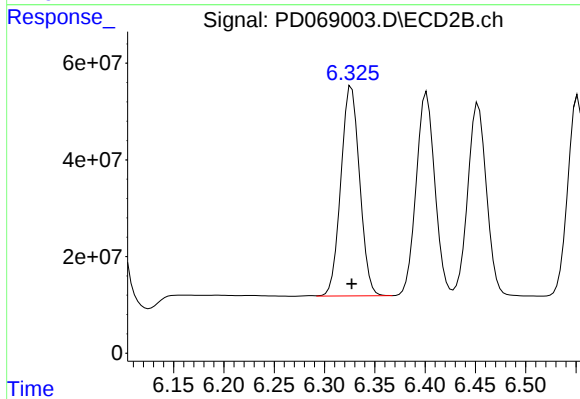
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 512947637
Conc: 54.70 ng/ml m



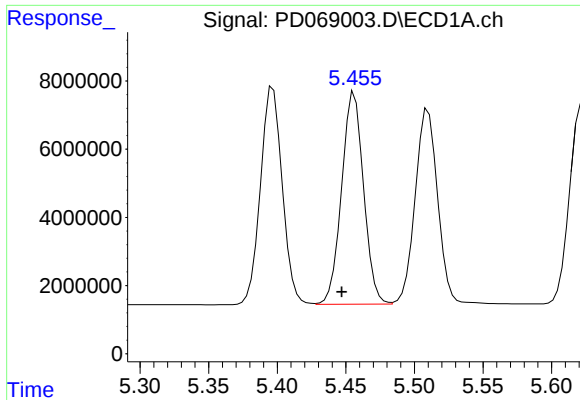
#10 gamma-Chlordane

R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 70583472
Conc: 46.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 562721382
Conc: 54.60 ng/ml m



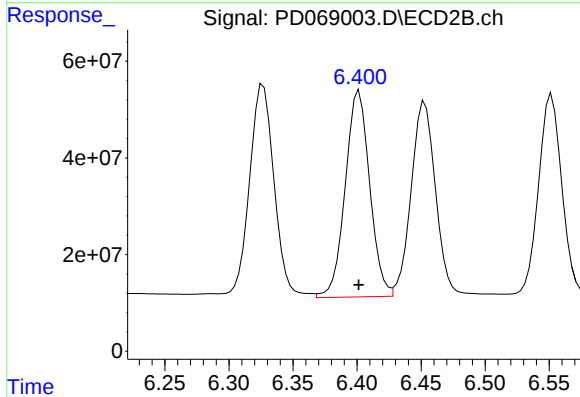
#11 alpha-Chlordane

R.T.: 5.456 min
Delta R.T.: 0.009 min
Response: 69391970
Conc: 46.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

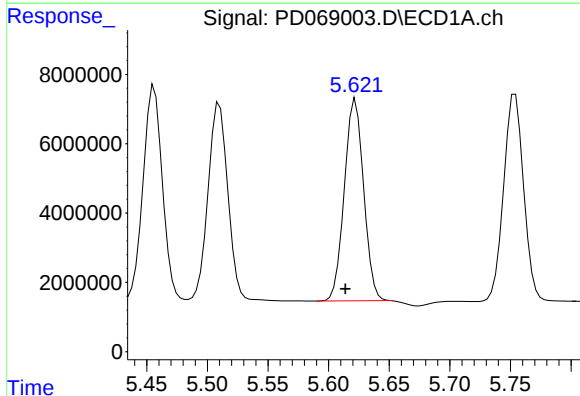
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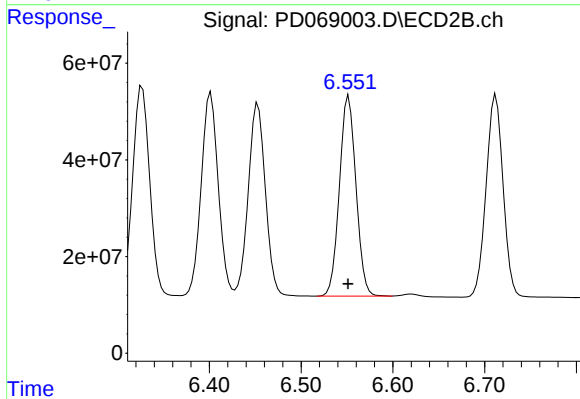
#11 alpha-Chlordane

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 566830711
Conc: 56.93 ng/ml



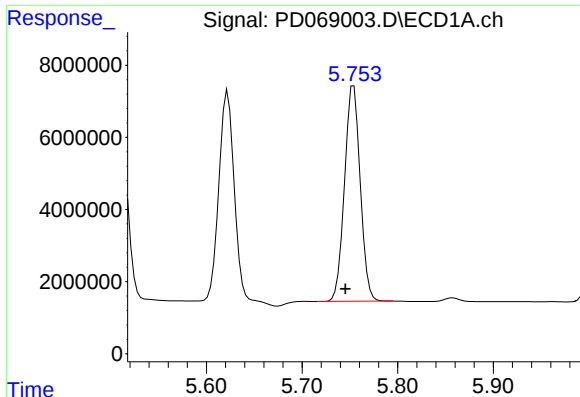
#12 4,4'-DDE

R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 64411576
Conc: 47.08 ng/ml m



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 518465475
Conc: 55.95 ng/ml



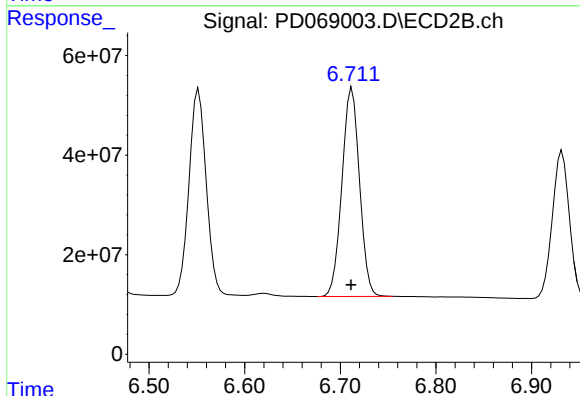
#13 Dieldrin

R.T.: 5.754 min
Delta R.T.: 0.008 min
Response: 68536119
Conc: 46.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

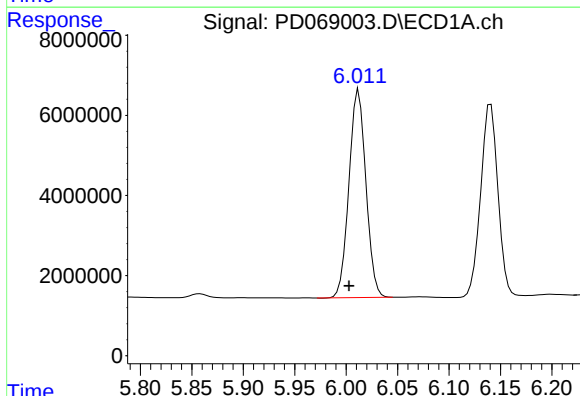
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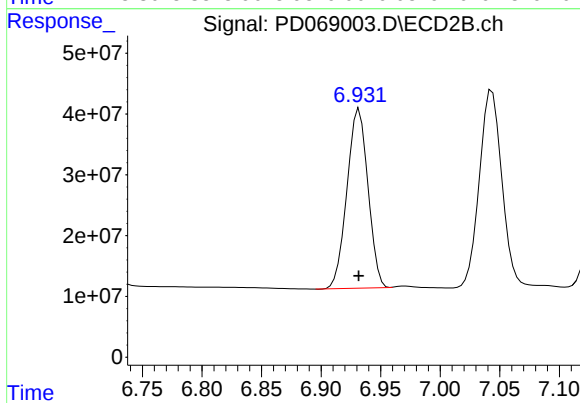
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 536781784
Conc: 55.26 ng/ml



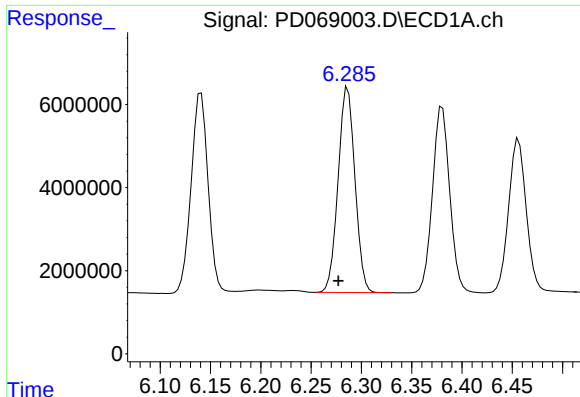
#14 Endrin

R.T.: 6.012 min
Delta R.T.: 0.009 min
Response: 59539103
Conc: 45.20 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 362322974
Conc: 46.83 ng/ml



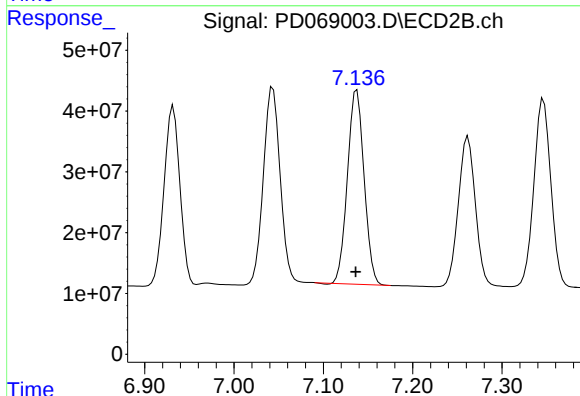
#15 Endosulfan II

R.T.: 6.287 min
Delta R.T.: 0.010 min
Response: 57475226
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

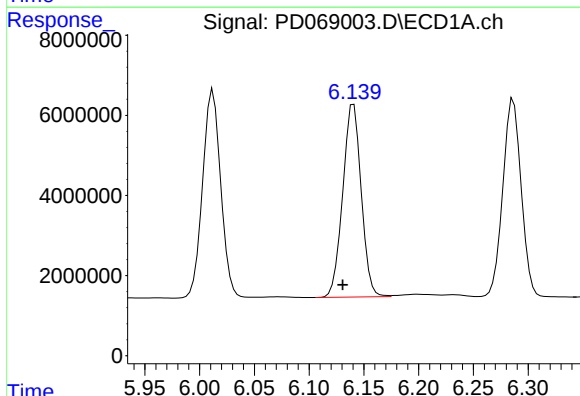
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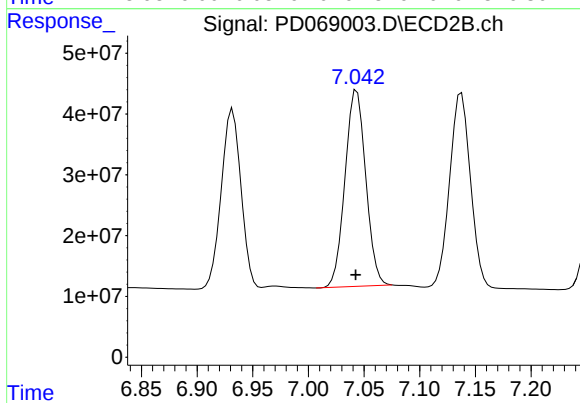
#15 Endosulfan II

R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 414017460
Conc: 54.77 ng/ml



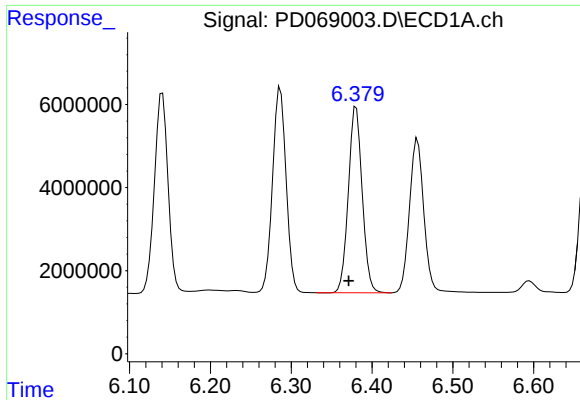
#16 4,4'-DDD

R.T.: 6.141 min
Delta R.T.: 0.010 min
Response: 56494944
Conc: 47.91 ng/ml



#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.001 min
Response: 420230074
Conc: 56.90 ng/ml



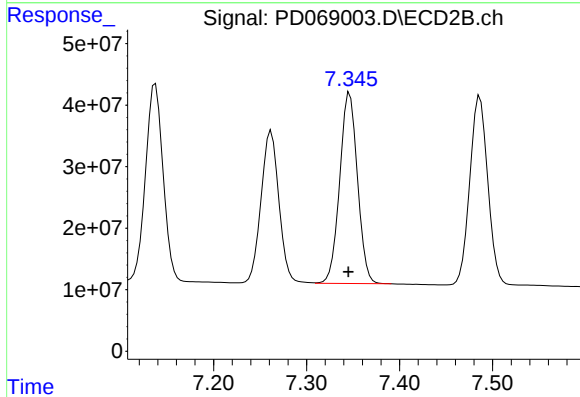
#17 4,4'-DDT

R.T.: 6.380 min
Delta R.T.: 0.009 min
Response: 53354398
Conc: 44.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

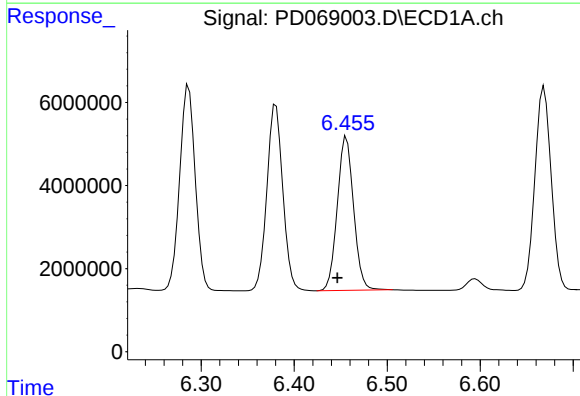
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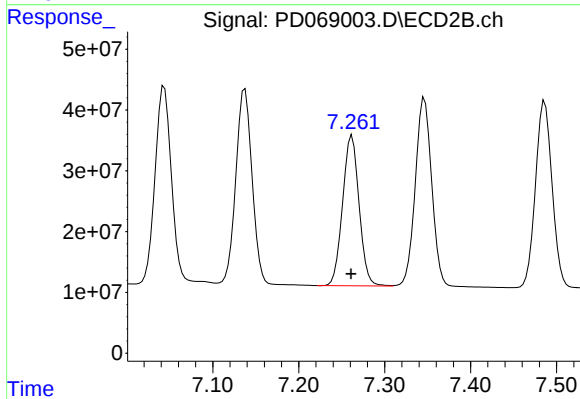
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.002 min
Response: 411699986
Conc: 56.04 ng/ml



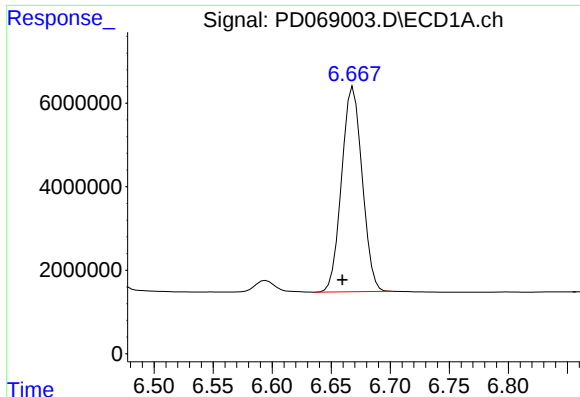
#18 Endrin aldehyde

R.T.: 6.456 min
Delta R.T.: 0.010 min
Response: 45046206
Conc: 45.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.262 min
Delta R.T.: 0.001 min
Response: 330548542
Conc: 54.62 ng/ml



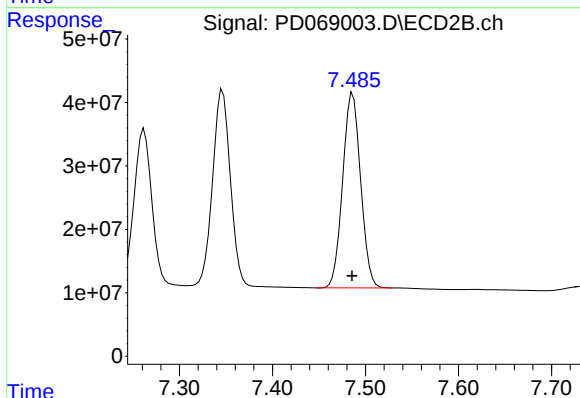
#19 Endosulfan Sulfate

R.T.: 6.669 min
Delta R.T.: 0.009 min
Response: 59509263
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

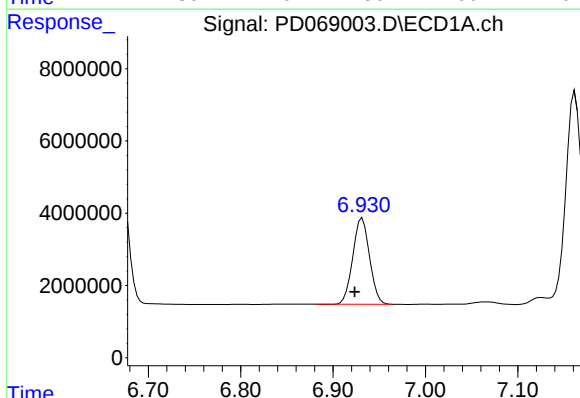
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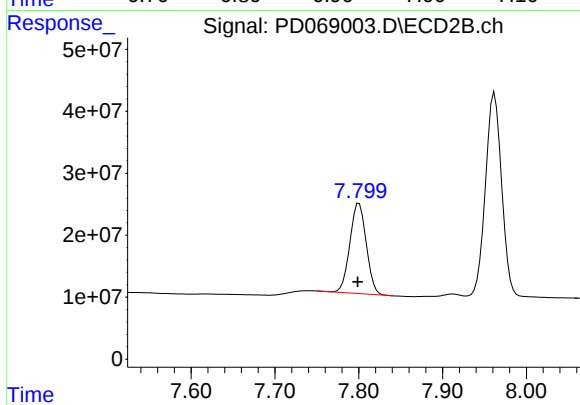
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 412231416
Conc: 56.05 ng/ml



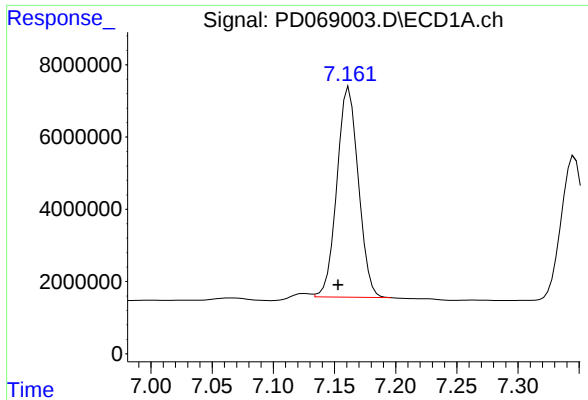
#20 Methoxychlor

R.T.: 6.932 min
Delta R.T.: 0.008 min
Response: 30072929
Conc: 43.39 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 198059820
Conc: 54.33 ng/ml



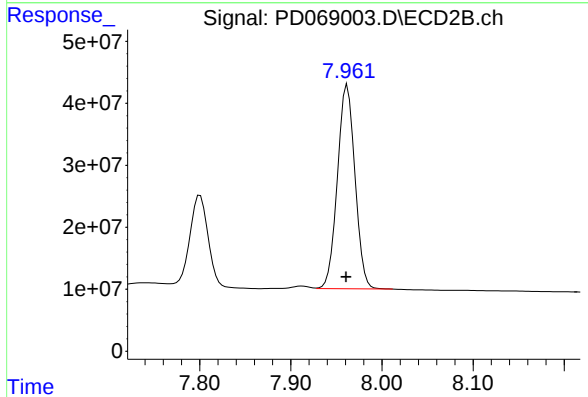
#21 Endrin ketone

R.T.: 7.162 min
Delta R.T.: 0.009 min
Response: 70864550
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

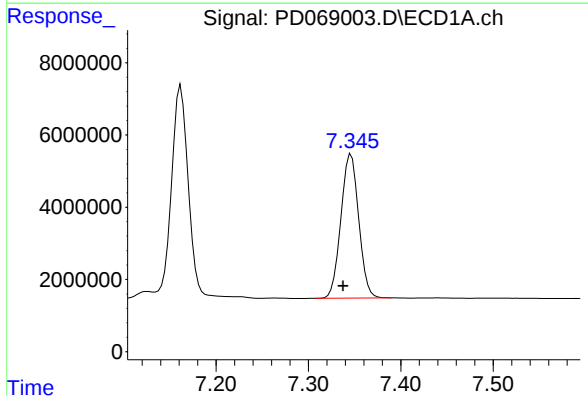
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2022
Supervised By :mohammad ahmed 04/08/2022



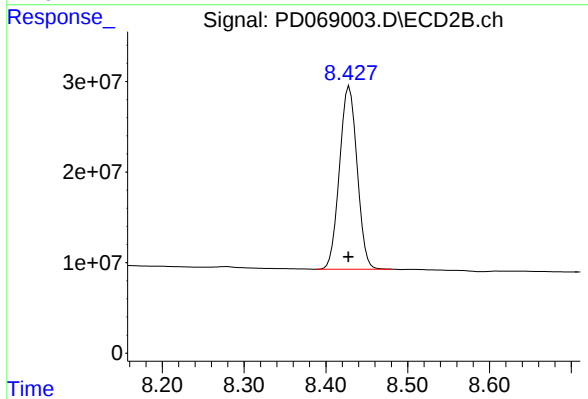
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.001 min
Response: 441015747
Conc: 56.91 ng/ml



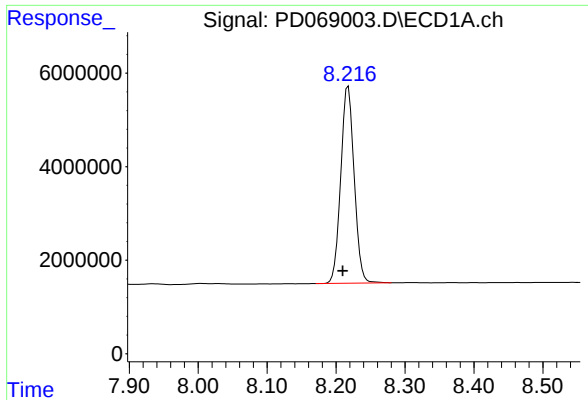
#22 Mirex

R.T.: 7.346 min
Delta R.T.: 0.009 min
Response: 53432062
Conc: 45.08 ng/ml



#22 Mirex

R.T.: 8.429 min
Delta R.T.: 0.001 min
Response: 301272931
Conc: 54.96 ng/ml



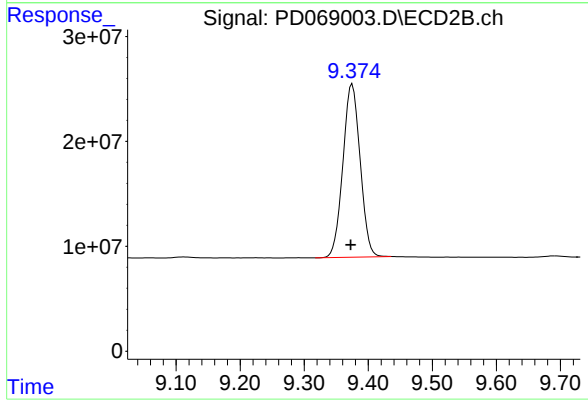
#28 Decachlorobiphenyl

R.T.: 8.218 min
Delta R.T.: 0.008 min
Response: 57021362
Conc: 45.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.375 min
Delta R.T.: 0.002 min
Response: 308266183
Conc: 54.40 ng/ml