

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051622\
 Data File : PD069643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 10:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2022
 Supervised By : mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:49:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 18 13:40:55 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...	3.444	4.172	60349720	564.1E6	54.365	52.616
28)	SA Decachlor...	8.200	9.369	61672779	346.5E6	49.392	52.946
Target Compounds							
2)	A alpha-BHC	3.884	4.568	93472318	841.5E6	57.282	54.573
3)	MA gamma-BHC...	4.167	4.859	88422829	755.7E6	51.691	53.518
4)	MA Heptachlor	4.464	5.386	81824302	717.7E6	55.175	52.537
5)	MB Aldrin	4.712	5.699	82559627	708.0E6	56.692	53.578
6)	B beta-BHC	4.417	5.023	37387887	327.3E6	53.778	53.282
7)	B delta-BHC	4.621	5.248	84850008	711.7E6	57.199	53.067
8)	B Heptachlo...	5.154	6.086	76352419	678.6E6	55.700m	57.346m
9)	A Endosulfan I	5.494	6.449	72007826	569.8E6	55.799	52.755m
10)	B gamma-Chl...	5.380	6.323	76574668	624.4E6	55.087m	53.619m
11)	B alpha-Chl...	5.440	6.398	76838811	620.0E6	55.871	54.206m
12)	B 4,4'-DDE	5.605	6.549	71525999	593.0E6	56.528m	54.895
13)	MA Dieldrin	5.738	6.708	74890136	598.7E6	55.501	53.705
14)	MA Endrin	5.996	6.927	65907808	366.9E6	54.511	40.452 #
15)	B Endosulfa...	6.270	7.134	63052343	502.9E6	54.487	58.120
16)	A 4,4'-DDD	6.123	7.039	62025294	477.8E6	56.906	55.467m
17)	MA 4,4'-DDT	6.364	7.343	57173737	462.1E6	53.177	53.275
18)	B Endrin al...	6.440	7.258	49379633	381.3E6	53.499	55.154
19)	B Endosulfa...	6.652	7.483	64987013	459.4E6	53.725	53.820
20)	A Methoxychlor	6.915	7.797	32046568	218.6E6	50.447	50.700
21)	B Endrin ke...	7.146	7.958	75639564	488.5E6	53.721	54.028
22)	Mirex	7.329	8.424	58232214	337.7E6	51.188	52.383

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051622\
Data File : PD069643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2022 10:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

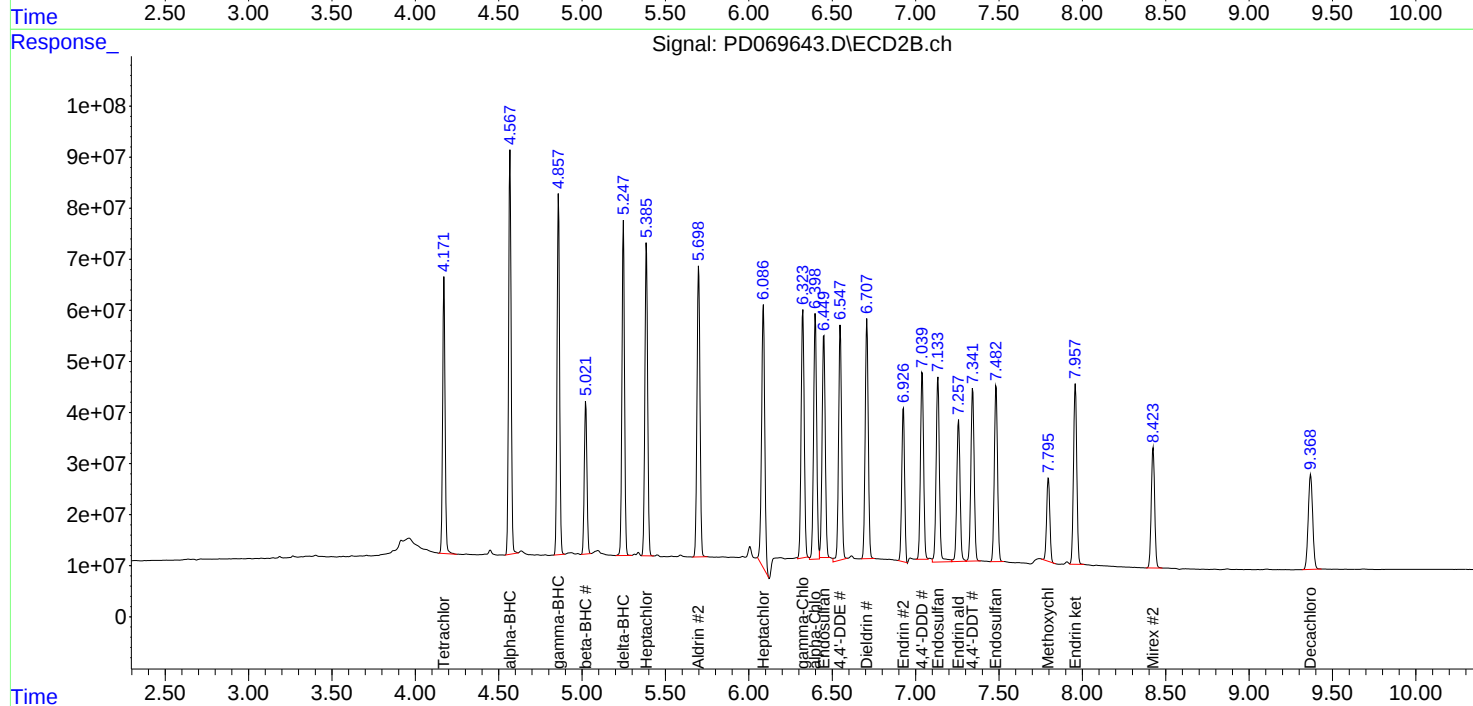
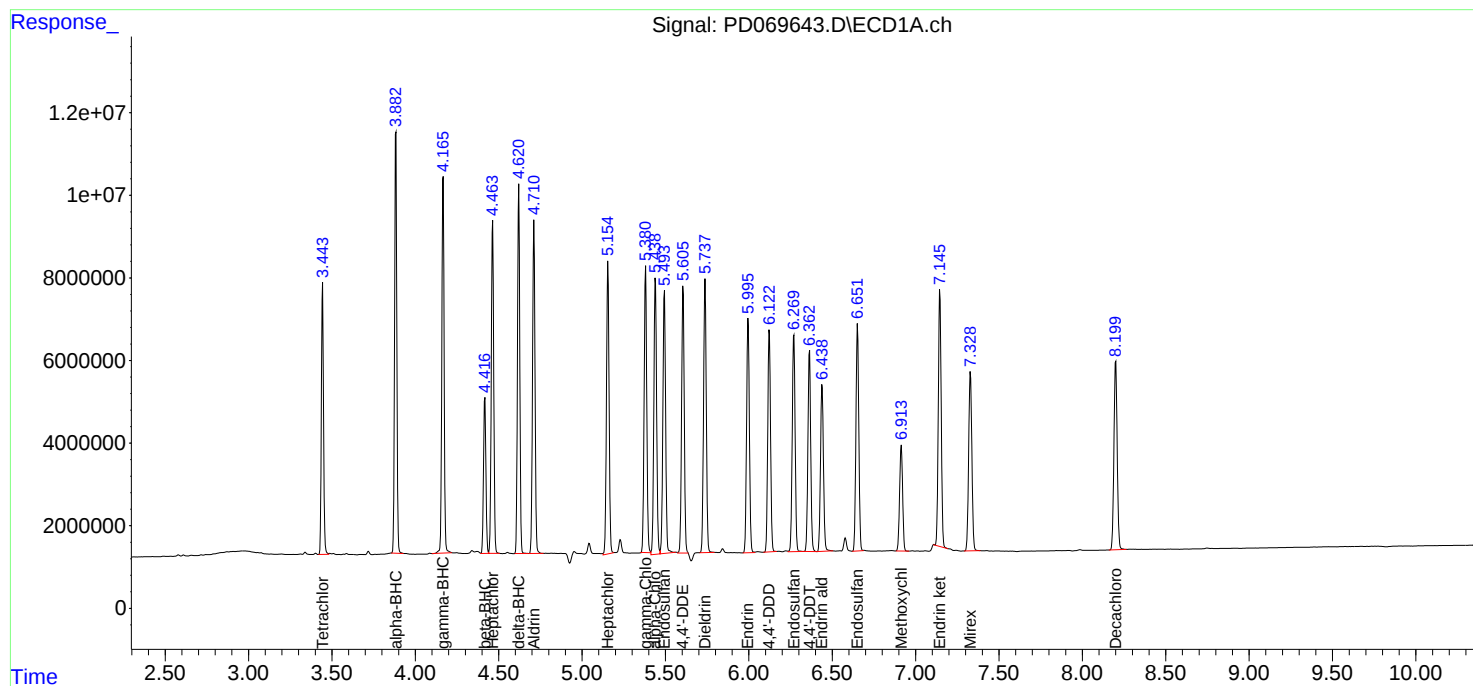
APPROVED

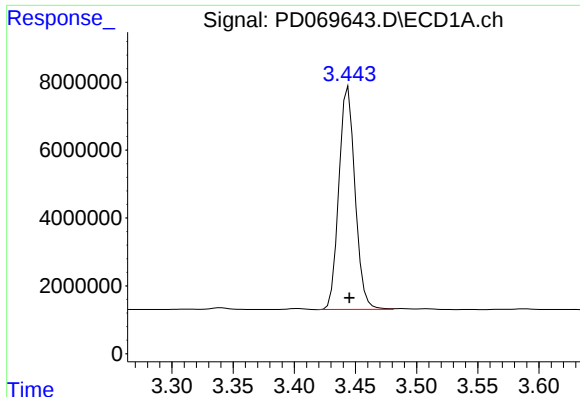
Reviewed By :Abdul Mirza 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 00:49:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 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





#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 60349720
Conc: 54.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

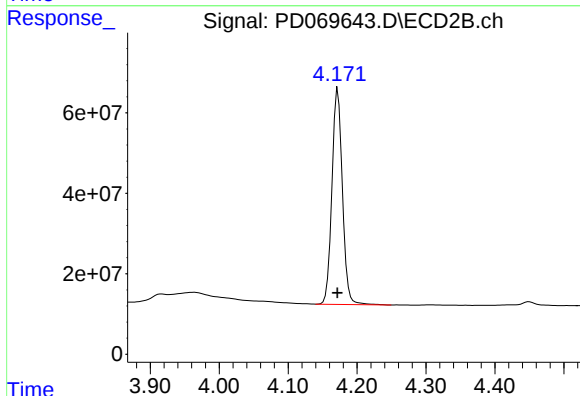
PSTDCCC050

Manual Integrations

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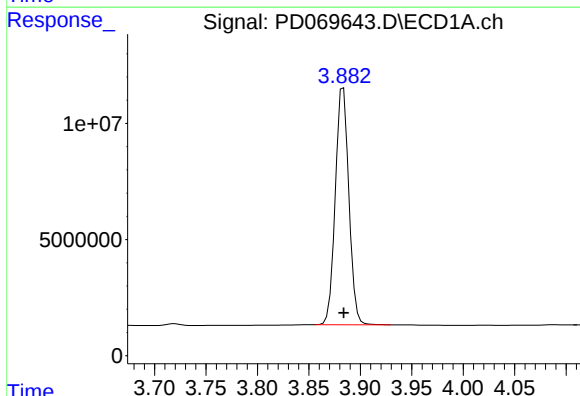
Reviewed By :Abdul Mirza 05/17/2022

Supervised By :mohammad ahmed 05/17/2022



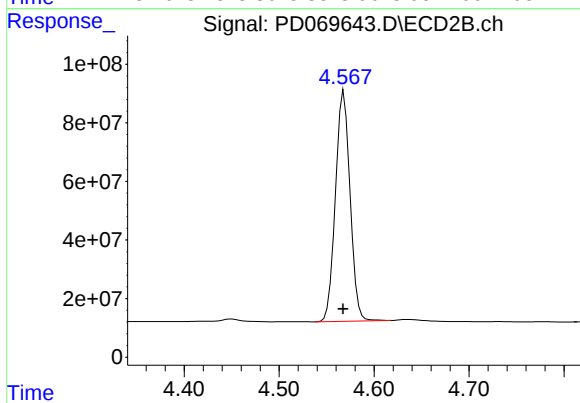
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 564135529
Conc: 52.62 ng/ml



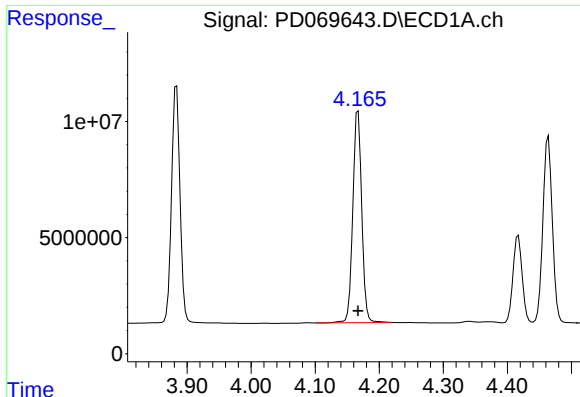
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 93472318
Conc: 57.28 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 841513881
Conc: 54.57 ng/ml



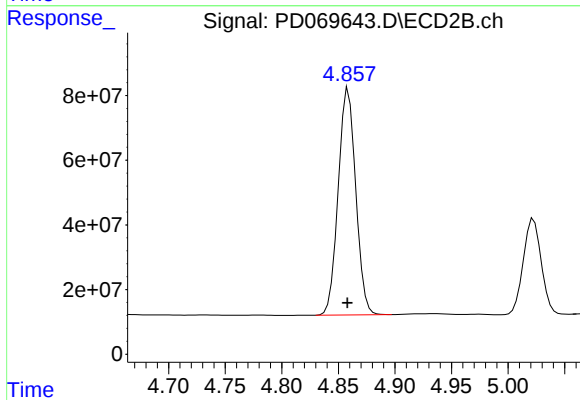
#3 gamma-BHC (Lindane)

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 88422829
Conc: 51.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

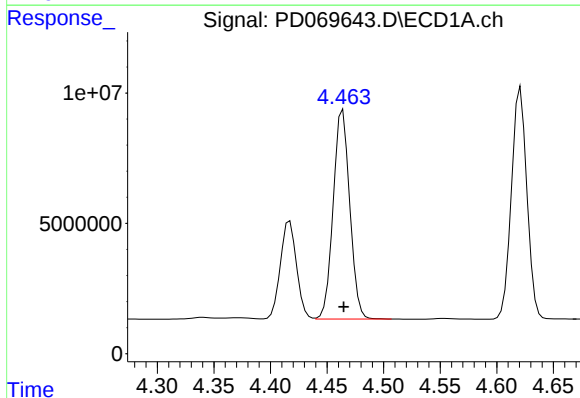
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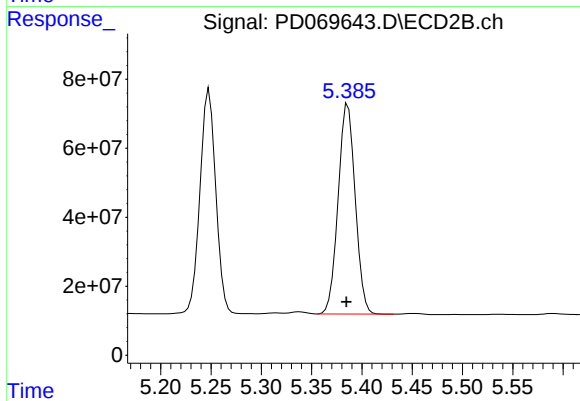
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 755708674
Conc: 53.52 ng/ml



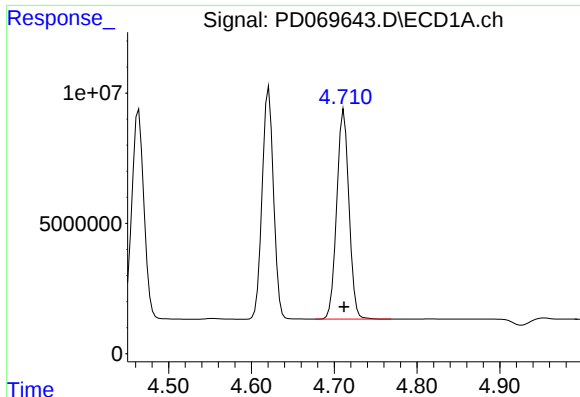
#4 Heptachlor

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 81824302
Conc: 55.17 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.001 min
Response: 717745140
Conc: 52.54 ng/ml



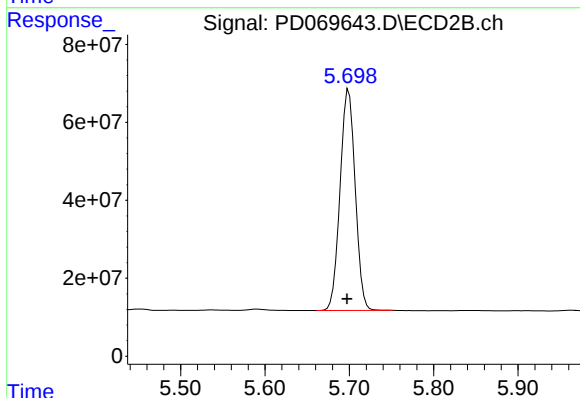
#5 Aldrin

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 82559627
Conc: 56.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

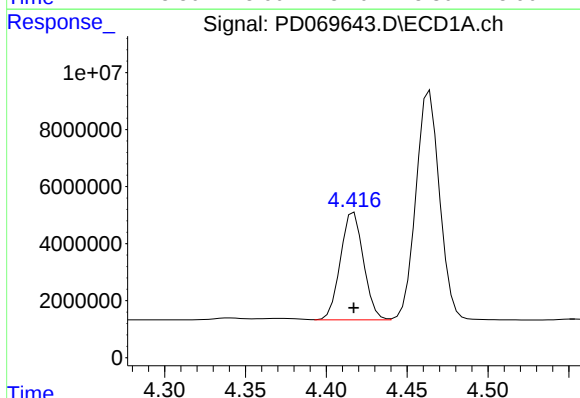
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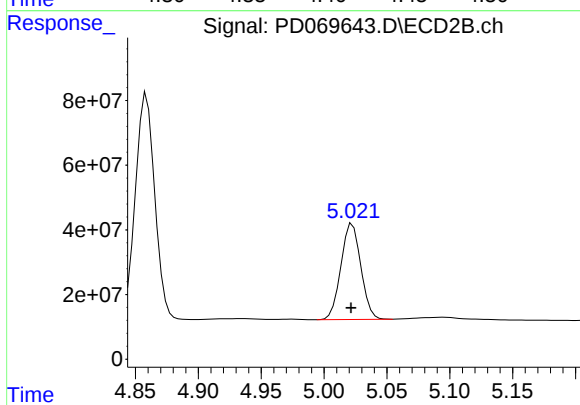
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 708038429
Conc: 53.58 ng/ml



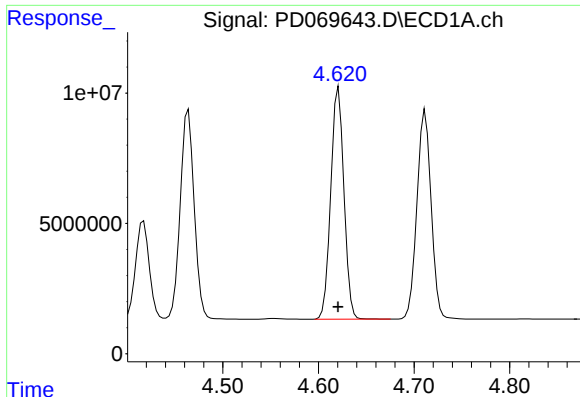
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 37387887
Conc: 53.78 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 327343869
Conc: 53.28 ng/ml



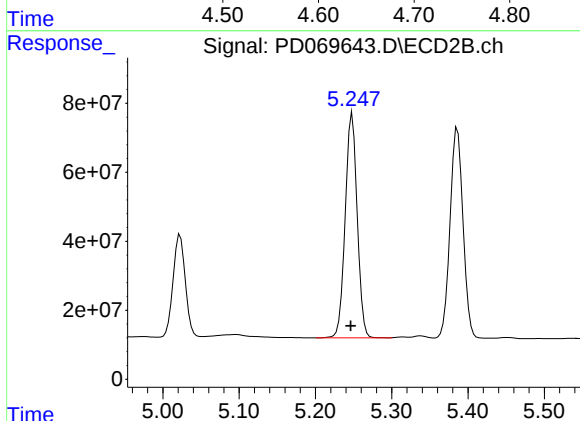
#7 delta-BHC

R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 84850008
Conc: 57.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

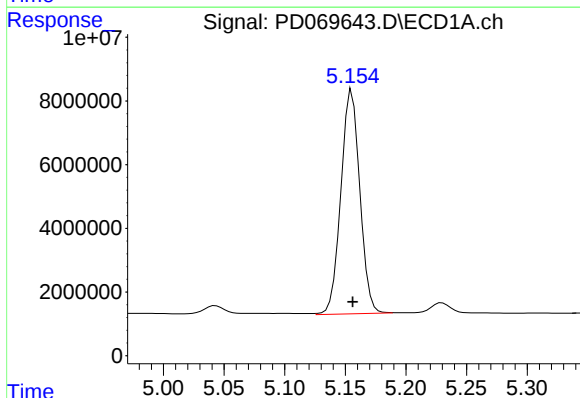
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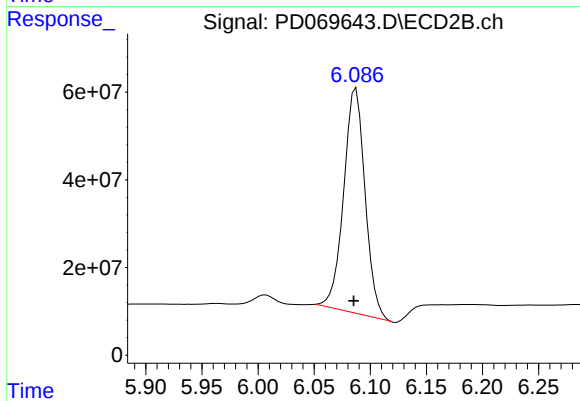
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: 0.002 min
Response: 711665259
Conc: 53.07 ng/ml



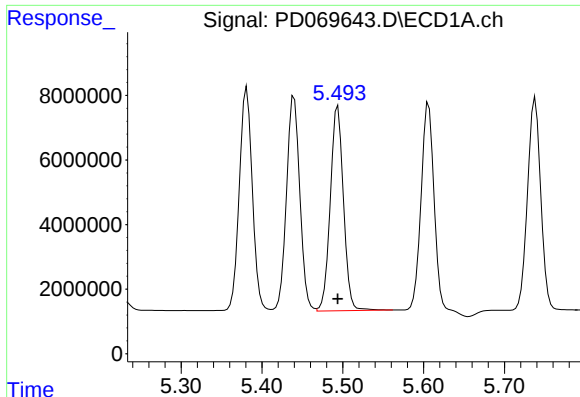
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: -0.002 min
Response: 76352419
Conc: 55.70 ng/ml m



#8 Heptachlor epoxide

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 678634892
Conc: 57.35 ng/ml m



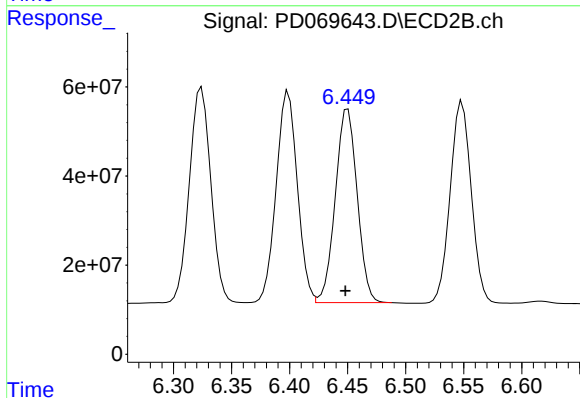
#9 Endosulfan I

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 72007826
Conc: 55.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

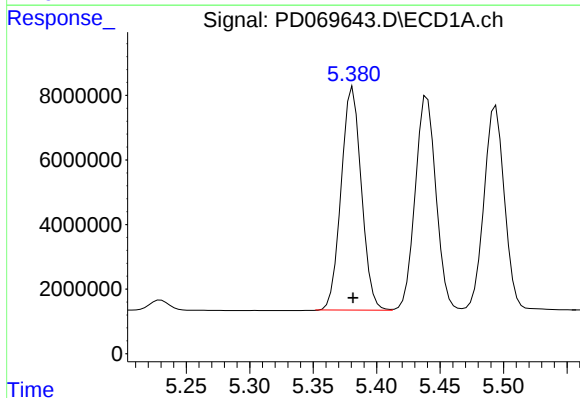
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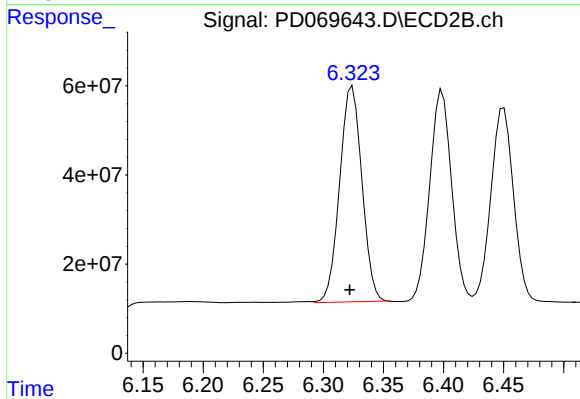
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 569763799
Conc: 52.76 ng/ml m



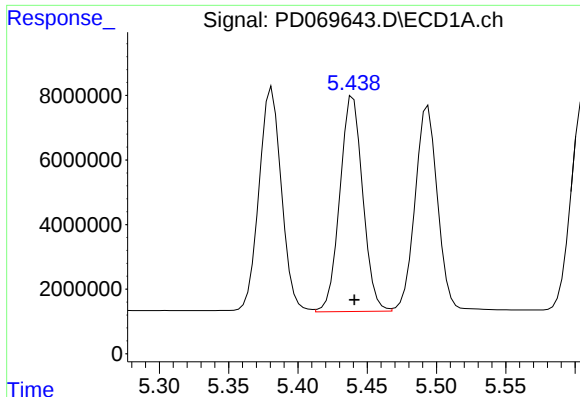
#10 gamma-Chlordane

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 76574668
Conc: 55.09 ng/ml m



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 624354486
Conc: 53.62 ng/ml m



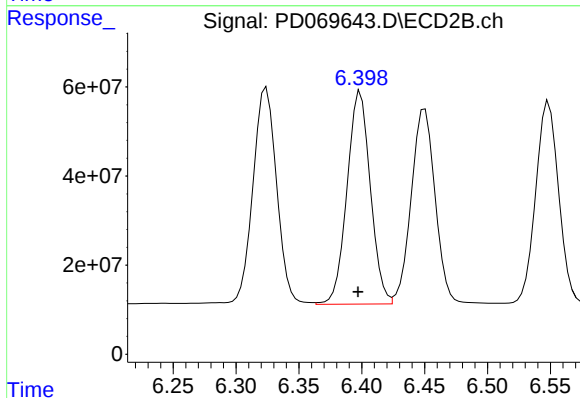
#11 alpha-Chlordane

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 76838811
Conc: 55.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

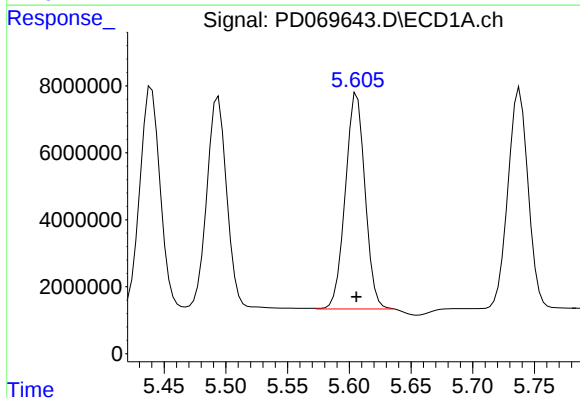
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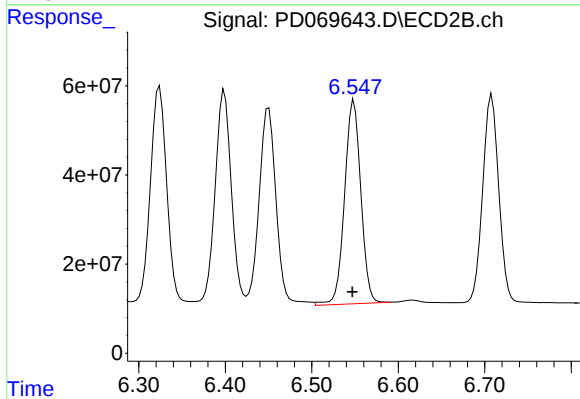
#11 alpha-Chlordane

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 619978998
Conc: 54.21 ng/ml m



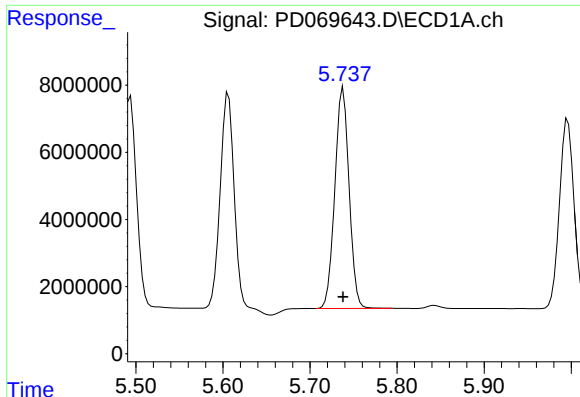
#12 4,4'-DDE

R.T.: 5.605 min
Delta R.T.: -0.001 min
Response: 71525999
Conc: 56.53 ng/ml m



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 592991609
Conc: 54.89 ng/ml



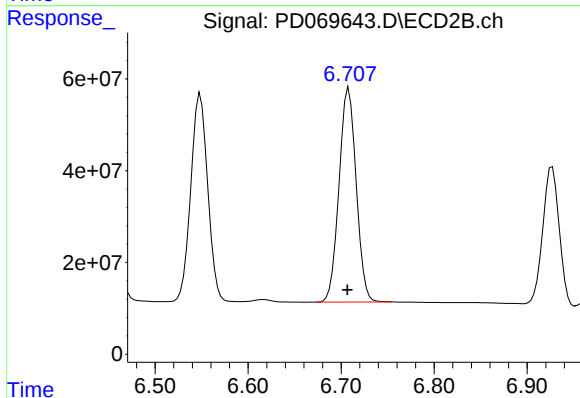
#13 Dieldrin

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 74890136
Conc: 55.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

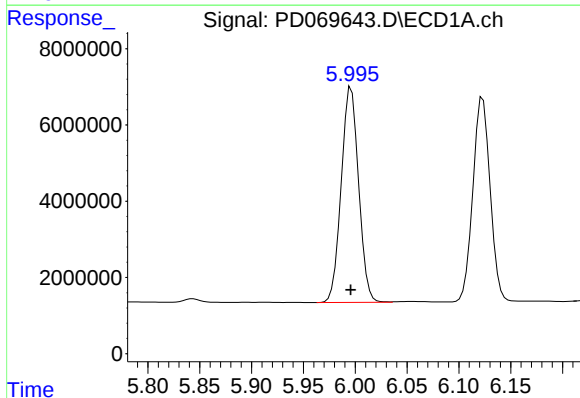
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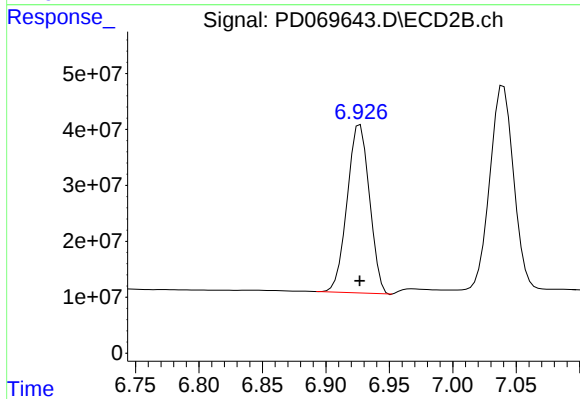
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 598702629
Conc: 53.70 ng/ml



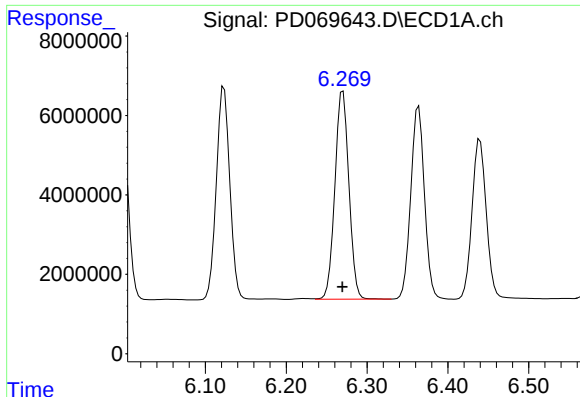
#14 Endrin

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 65907808
Conc: 54.51 ng/ml



#14 Endrin

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 366905120
Conc: 40.45 ng/ml



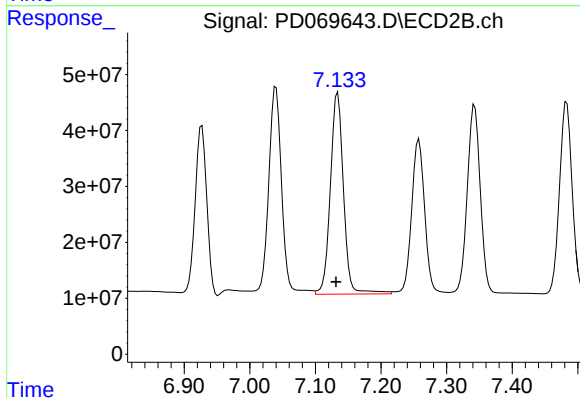
#15 Endosulfan II

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 63052343
Conc: 54.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

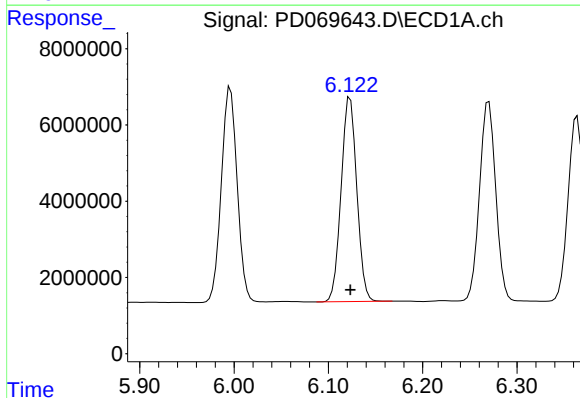
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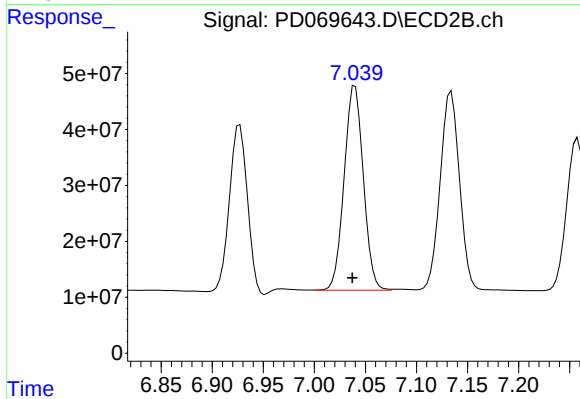
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: 0.003 min
Response: 502850534
Conc: 58.12 ng/ml



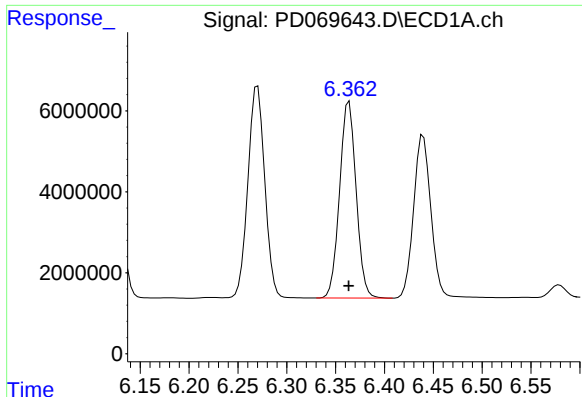
#16 4,4'-DDD

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 62025294
Conc: 56.91 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: 0.001 min
Response: 477755319
Conc: 55.47 ng/ml m



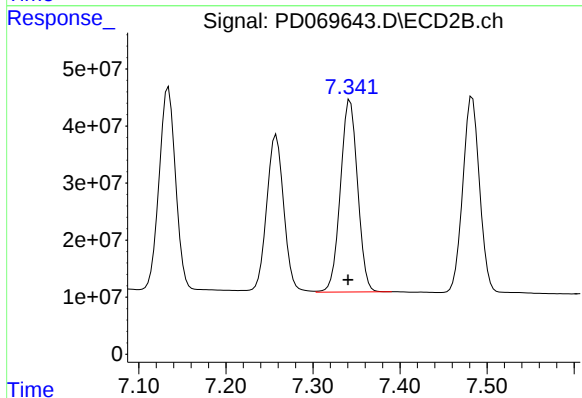
#17 4,4'-DDT

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 57173737
Conc: 53.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

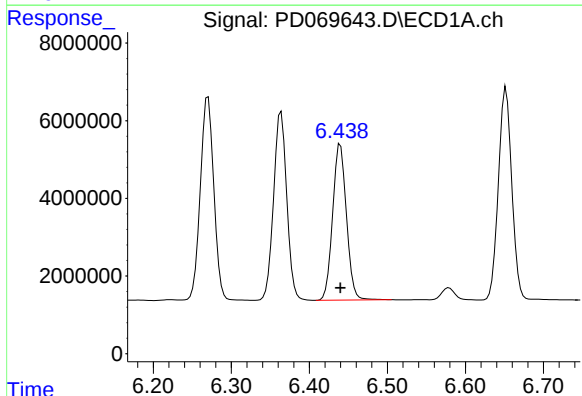
Manual Integrations
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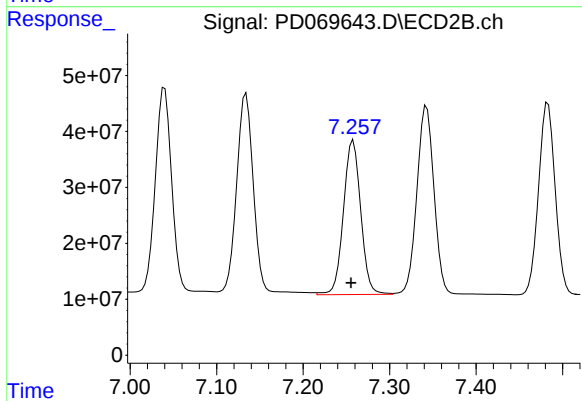
#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 462098696
Conc: 53.28 ng/ml



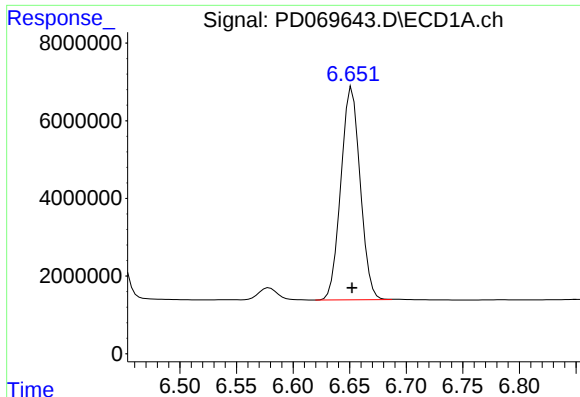
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 49379633
Conc: 53.50 ng/ml



#18 Endrin aldehyde

R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 381286435
Conc: 55.15 ng/ml



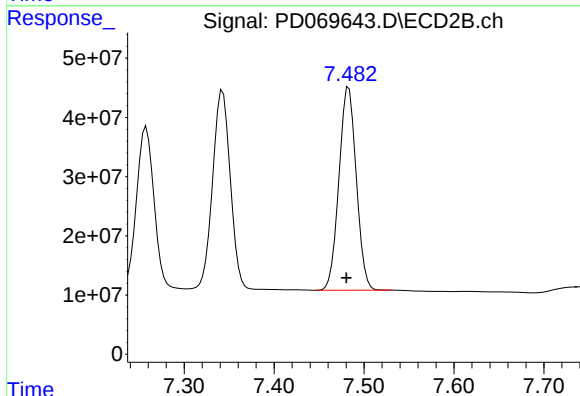
#19 Endosulfan Sulfate

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 64987013
Conc: 53.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

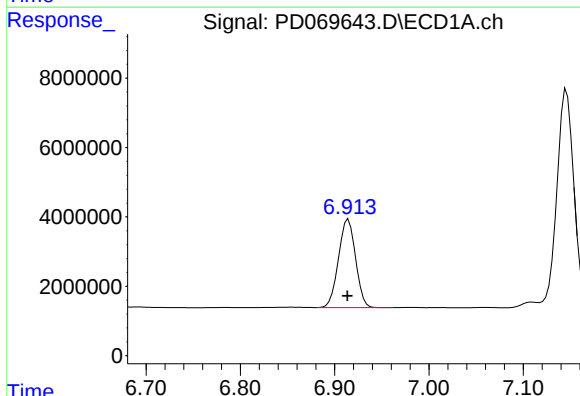
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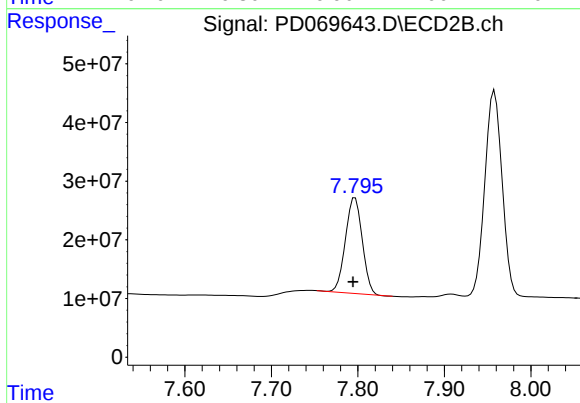
#19 Endosulfan Sulfate

R.T.: 7.483 min
Delta R.T.: 0.003 min
Response: 459440466
Conc: 53.82 ng/ml



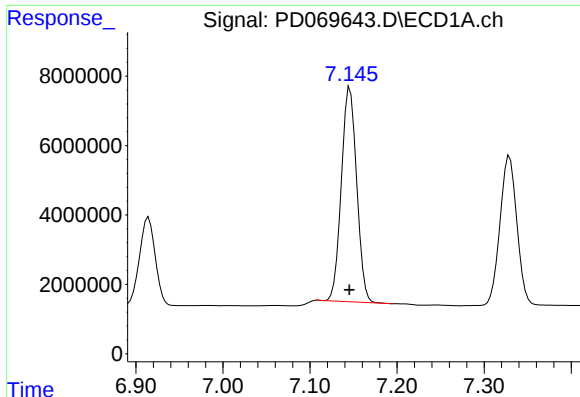
#20 Methoxychlor

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 32046568
Conc: 50.45 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: 0.002 min
Response: 218571312
Conc: 50.70 ng/ml



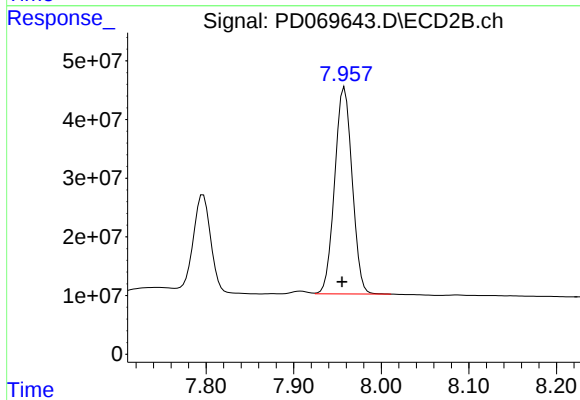
#21 Endrin ketone

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 75639564
Conc: 53.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

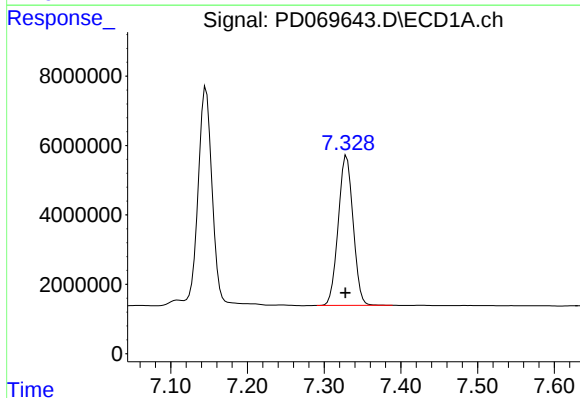
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



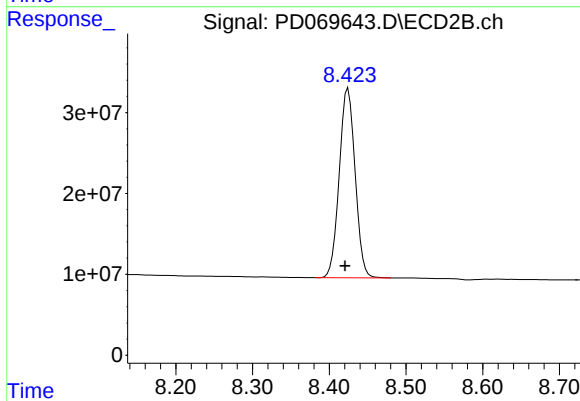
#21 Endrin ketone

R.T.: 7.958 min
Delta R.T.: 0.003 min
Response: 488497119
Conc: 54.03 ng/ml



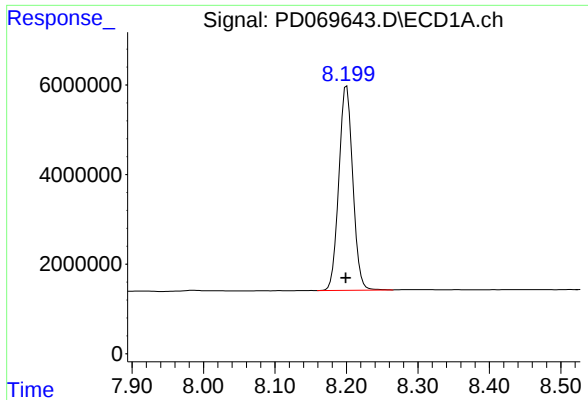
#22 Mirex

R.T.: 7.329 min
Delta R.T.: 0.001 min
Response: 58232214
Conc: 51.19 ng/ml



#22 Mirex

R.T.: 8.424 min
Delta R.T.: 0.004 min
Response: 337683182
Conc: 52.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 61672779
Conc: 49.39 ng/ml

Instrument :

ECD_D

ClientSampleId :

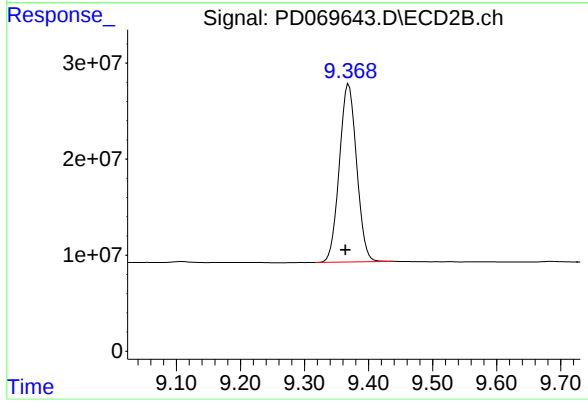
PSTDCCC050

Manual Integrations

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Supervised By :mohammad ahmed 05/17/2022



#28 Decachlorobiphenyl

R.T.: 9.369 min
Delta R.T.: 0.005 min
Response: 346477392
Conc: 52.95 ng/ml