

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069781.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2022 04:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/23/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 07:51:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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...	3.444	4.172	45812397	450.4E6	45.717	47.140
28)	SA Decachlor...	8.197	9.367	44655096	262.2E6	41.399	43.760
Target Compounds							
2)	A alpha-BHC	3.883	4.568	70847829	653.3E6	47.439	46.840
3)	MA gamma-BHC...	4.166	4.859	69359296	585.2E6	46.977	45.695
4)	MA Heptachlor	4.463	5.386	61177488	547.2E6	43.681	44.052
5)	MB Aldrin	4.710	5.699	61064759	542.4E6	45.327	45.020
6)	B beta-BHC	4.416	5.022	29034332	271.4E6	44.575	48.334
7)	B delta-BHC	4.620	5.248	64621555	504.6E6	46.269	55.940
8)	B Heptachlo...	5.154	6.087	55904397	509.1E6	44.154	57.057 #
9)	A Endosulfan I	5.493	6.449	52548491	464.8E6	44.305	46.900
10)	B gamma-Chl...	5.380	6.323	56266549	568.2E6	43.990	53.090
11)	B alpha-Chl...	5.438	6.398	55574455	493.2E6	43.918	46.996
12)	B 4,4'-DDE	5.604	6.548	53030786	441.6E6	45.819	44.492
13)	MA Dieldrin	5.736	6.708	57831988	455.7E6	46.780	44.508
14)	MA Endrin	5.994	6.926	47603625	326.3E6	42.843	40.141m
15)	B Endosulfa...	6.268	7.133	45836825	376.6E6	43.821	45.784
16)	A 4,4'-DDD	6.121	7.040	45037724	376.2E6	45.238	46.426
17)	MA 4,4'-DDT	6.361	7.342	40047653	366.6E6	41.714	44.582
18)	B Endrin al...	6.436	7.257	34729321	281.4E6	40.386m	44.106
19)	B Endosulfa...	6.650	7.482	47612336	363.6E6	43.286	45.509
20)	A Methoxychlor	6.912	7.796	24199683	181.4E6	41.985	43.998
21)	B Endrin ke...	7.144	7.957	58001855	380.7E6	46.300	45.577
22)	Mirex	7.326	8.423	42478669	273.5E6	42.437	46.574

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
Data File : PD069781.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2022 04:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

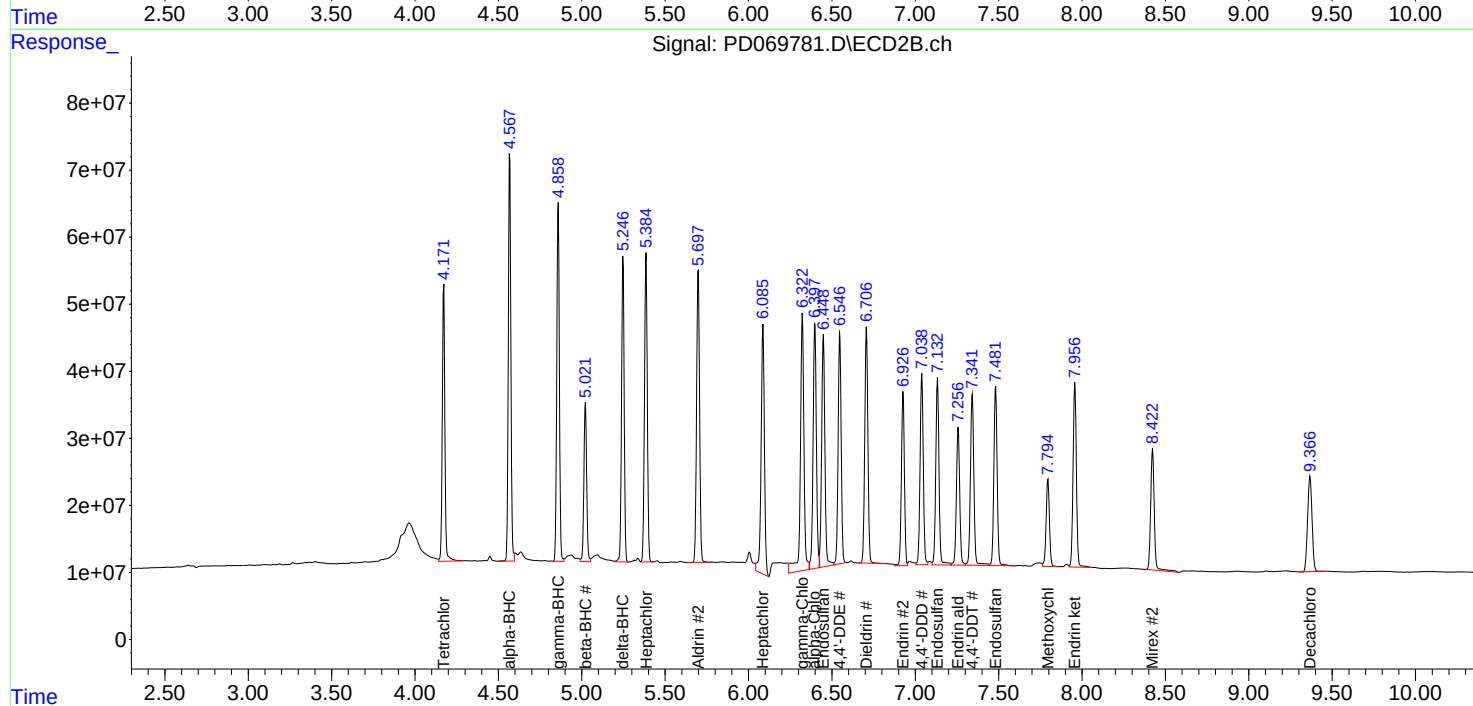
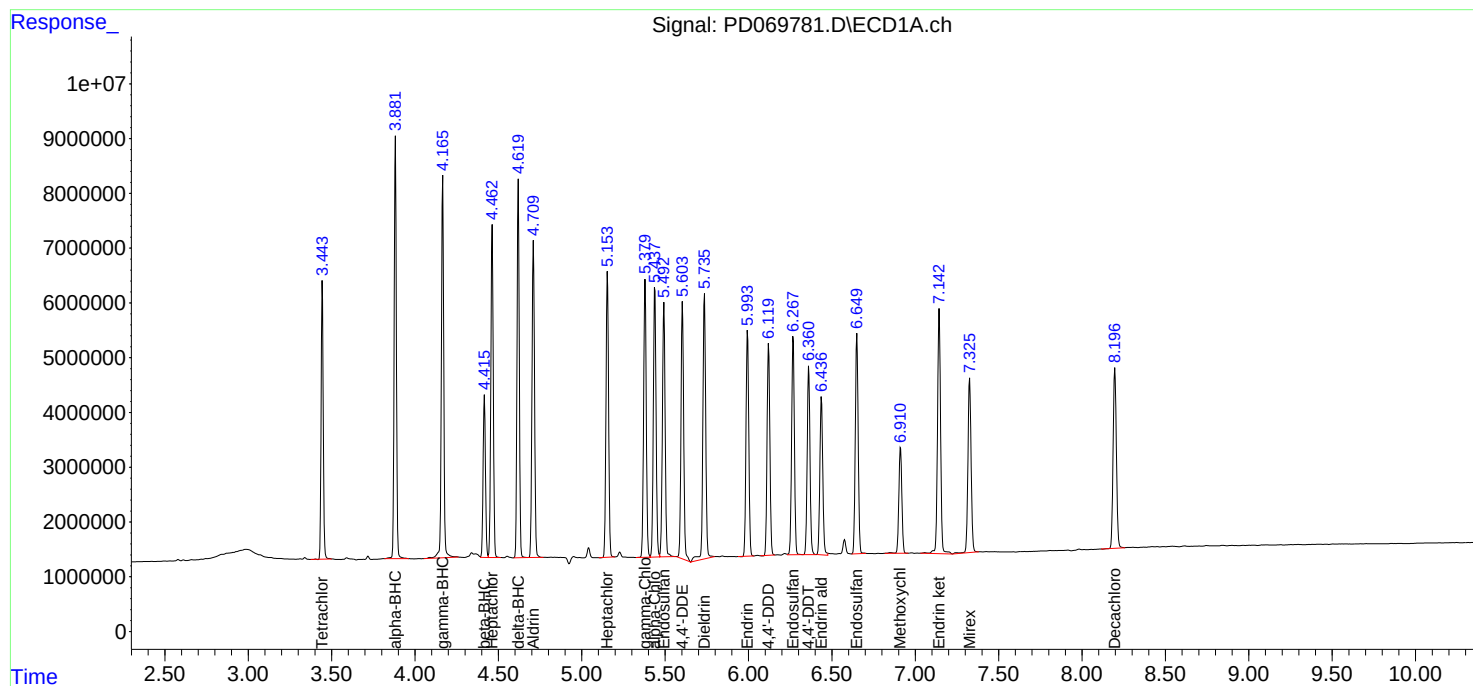
APPROVED

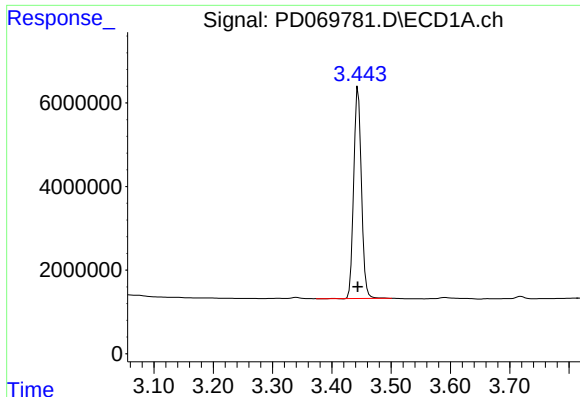
Reviewed By :Abdul Mirza 05/23/2022

Supervised By :Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 07:51:20 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
Quant Title : GC Extractables
QLast Update : Mon May 23 02:08:05 2022
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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.: 3.444 min
Delta R.T.: 0.000 min
Response: 45812397
Conc: 45.72 ng/ml

Instrument :

ECD_D

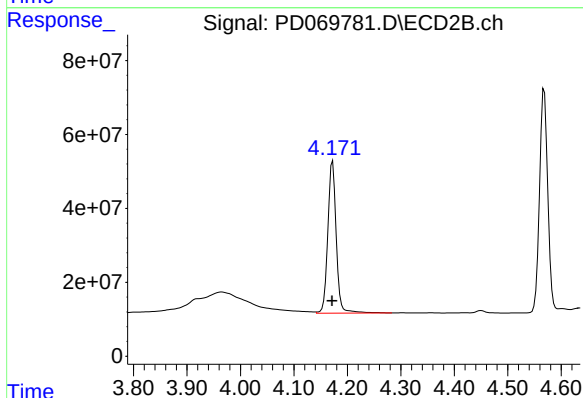
ClientSampleId :

PSTDCCC050

Manual Integrations

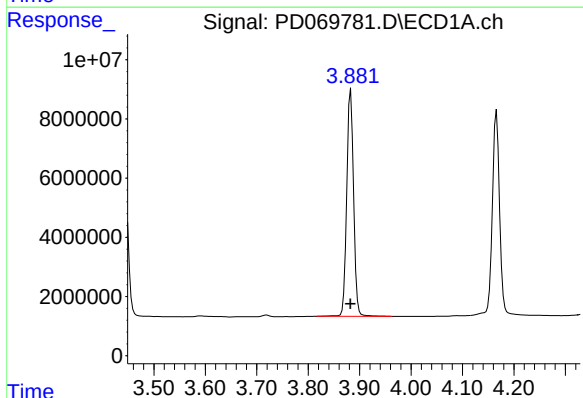
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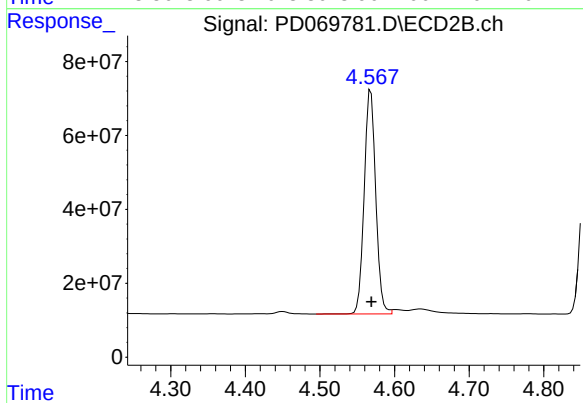
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 450382409
Conc: 47.14 ng/ml



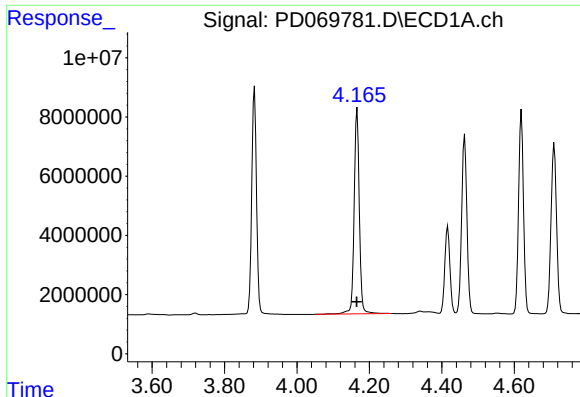
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 70847829
Conc: 47.44 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 653319122
Conc: 46.84 ng/ml



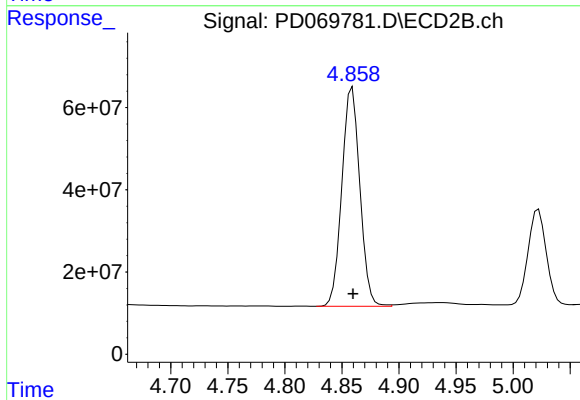
#3 gamma-BHC (Lindane)

R.T.: 4.166 min
Delta R.T.: 0.002 min
Response: 69359296
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

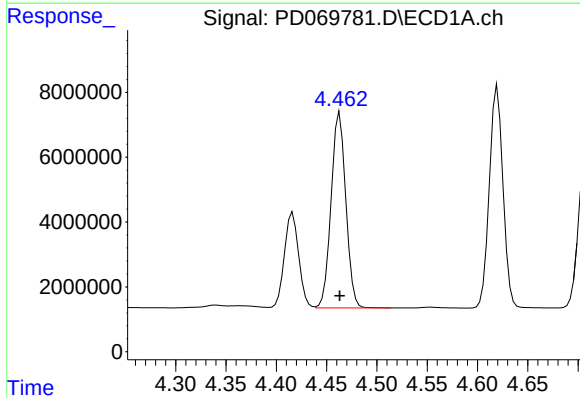
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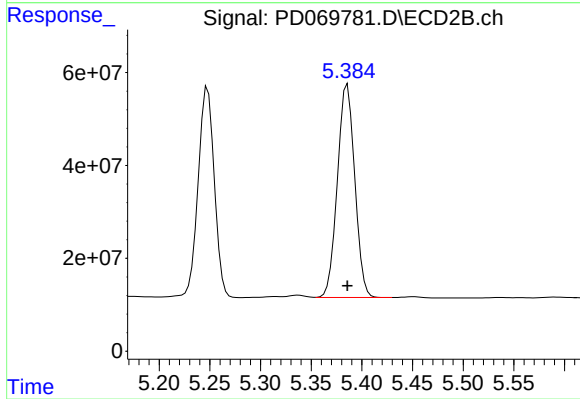
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 585218633
Conc: 45.69 ng/ml



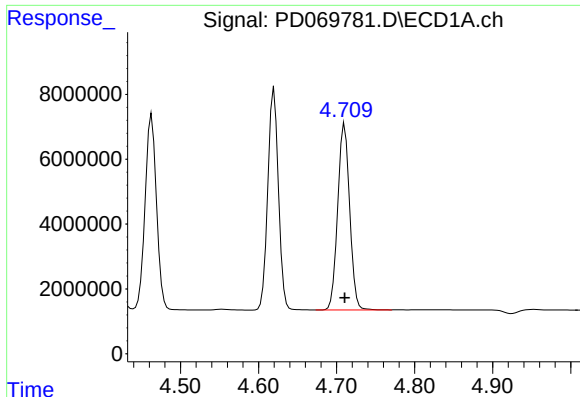
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 61177488
Conc: 43.68 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 547177589
Conc: 44.05 ng/ml



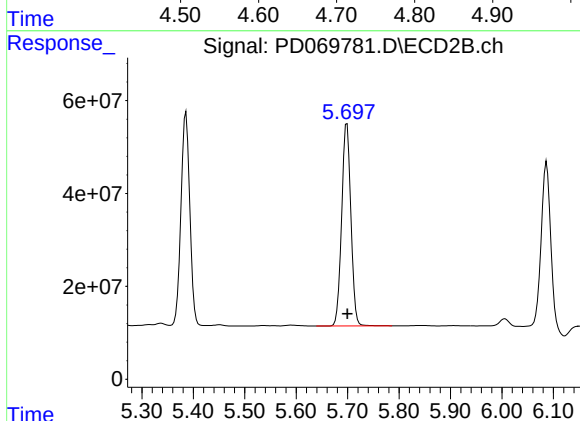
#5 Aldrin

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 61064759
Conc: 45.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

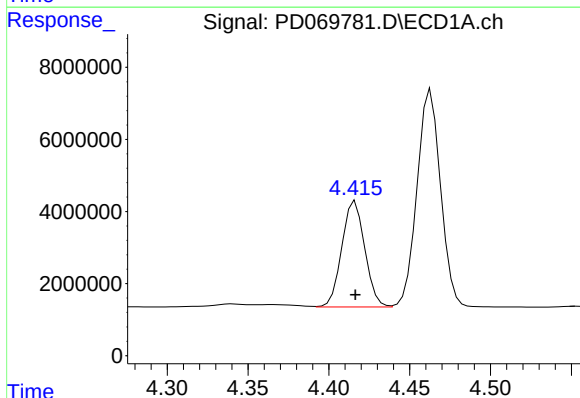
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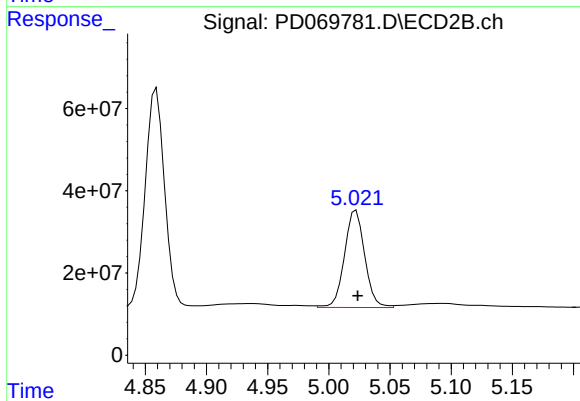
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.001 min
Response: 542426544
Conc: 45.02 ng/ml



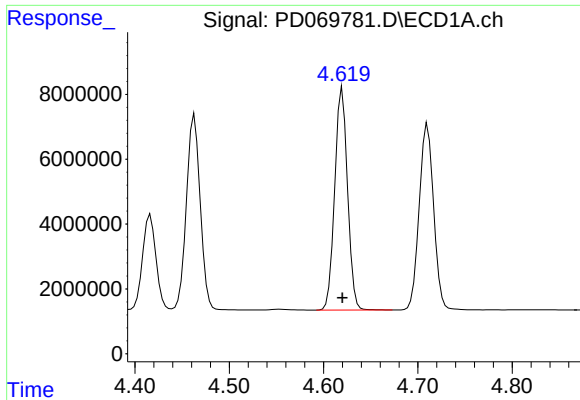
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 29034332
Conc: 44.58 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 271381838
Conc: 48.33 ng/ml



#7 delta-BHC

R.T.: 4.620 min
Delta R.T.: 0.000 min
Response: 64621555
Conc: 46.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

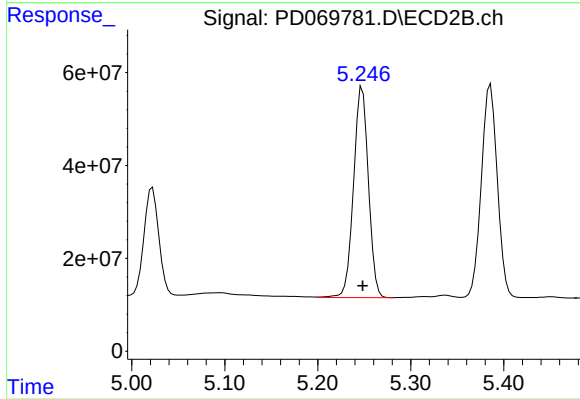
PSTDCCC050

Manual Integrations

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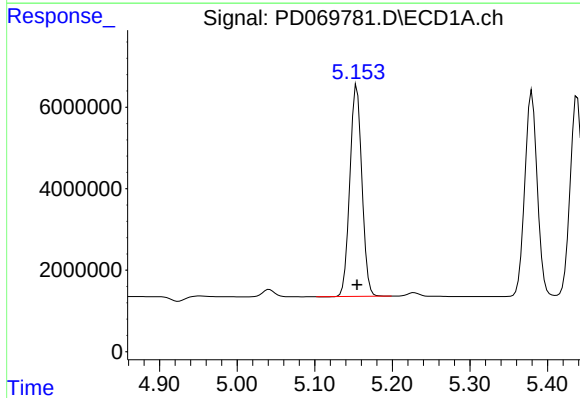
Reviewed By :Abdul Mirza 05/23/2022

Supervised By :Ankita Jodhani 05/23/2022



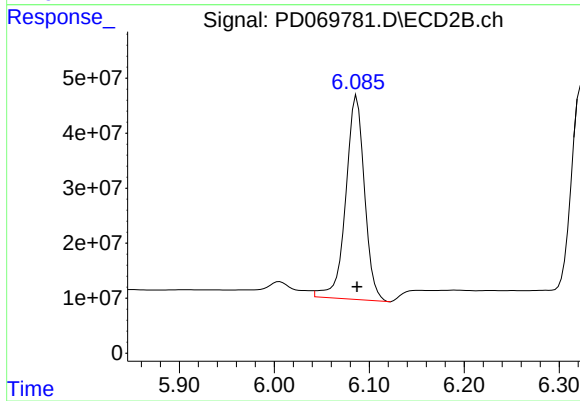
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 504589808
Conc: 55.94 ng/ml



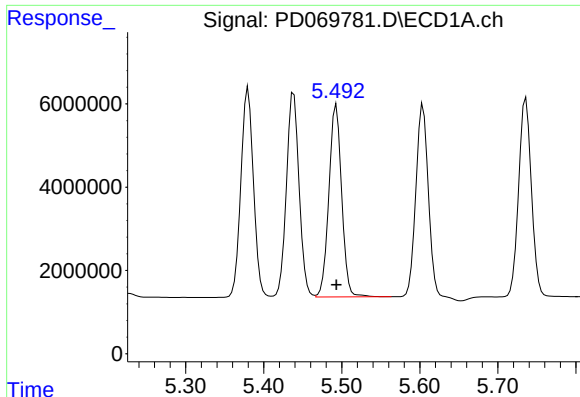
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 55904397
Conc: 44.15 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 509128015
Conc: 57.06 ng/ml



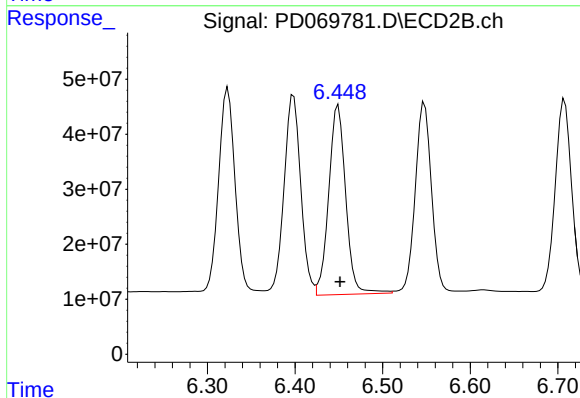
#9 Endosulfan I

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 52548491
Conc: 44.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

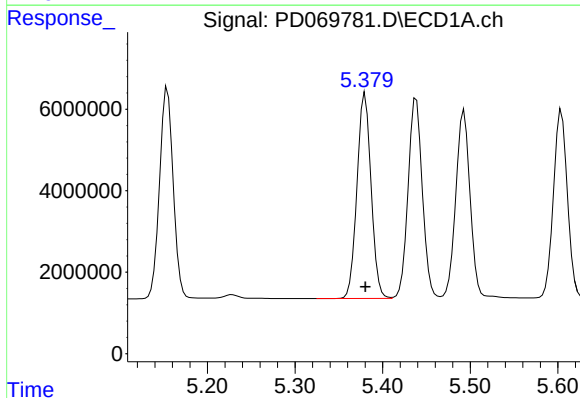
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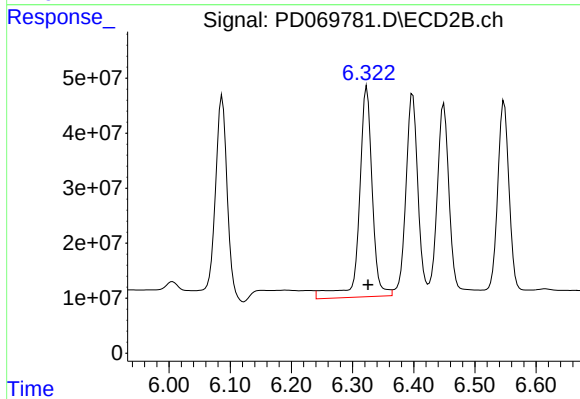
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 464830502
Conc: 46.90 ng/ml



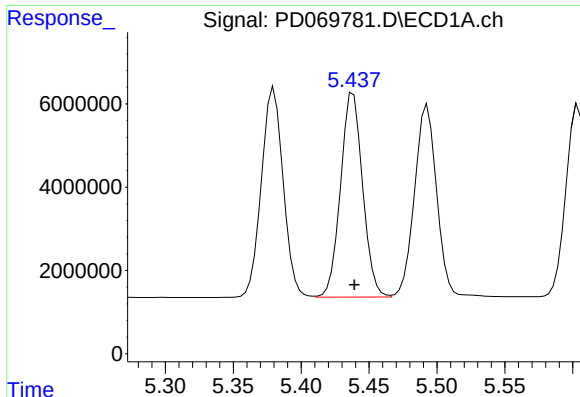
#10 gamma-Chlordane

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 56266549
Conc: 43.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 568202268
Conc: 53.09 ng/ml



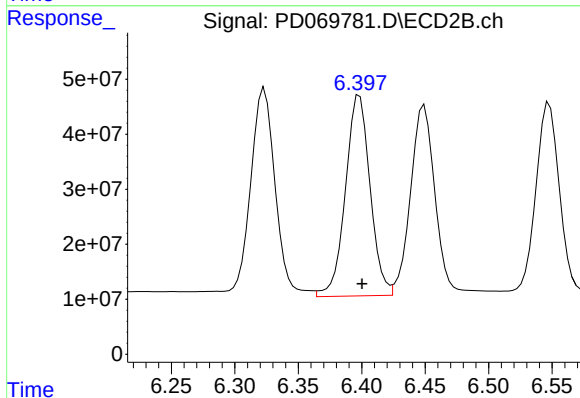
#11 alpha-Chlordane

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 55574455
Conc: 43.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

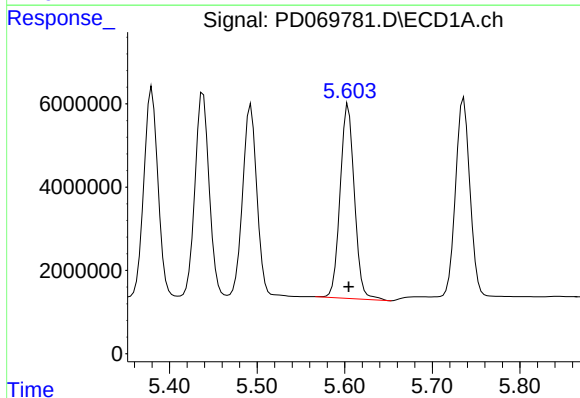
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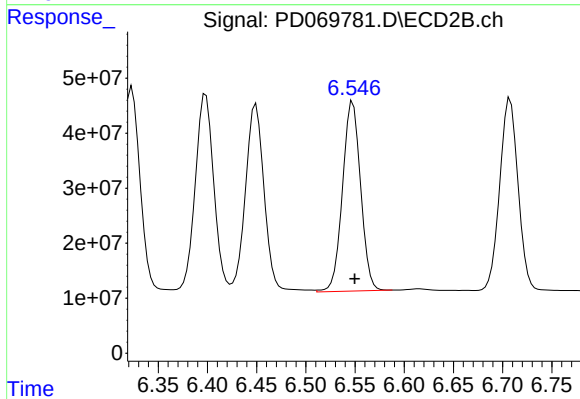
#11 alpha-Chlordane

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 493223716
Conc: 47.00 ng/ml



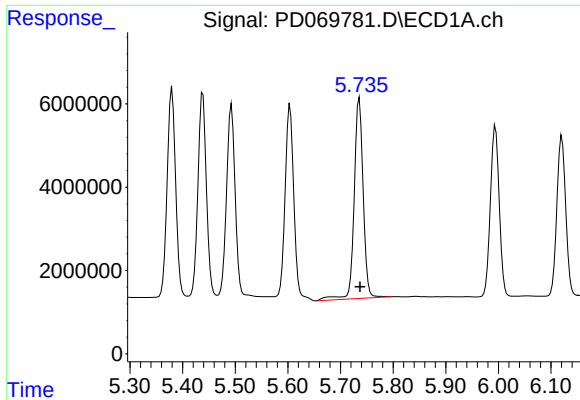
#12 4,4'-DDE

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 53030786
Conc: 45.82 ng/ml



#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 441635781
Conc: 44.49 ng/ml



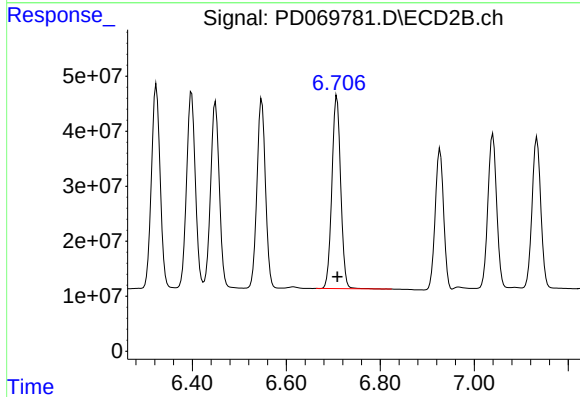
#13 Dieldrin

R.T.: 5.736 min
Delta R.T.: -0.001 min
Response: 57831988
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

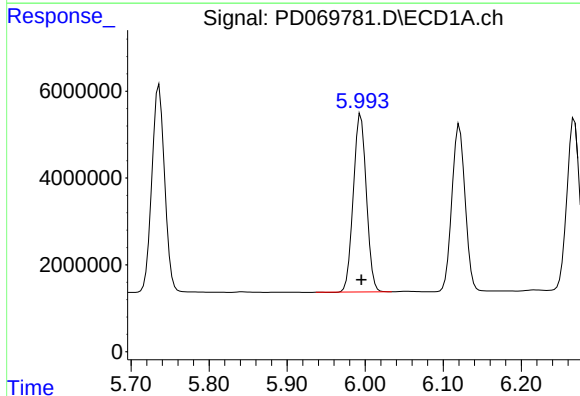
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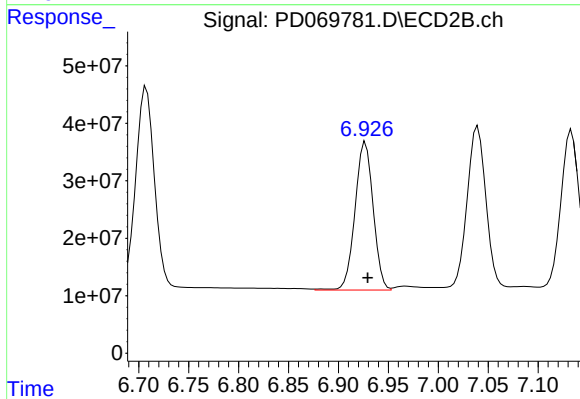
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 455660750
Conc: 44.51 ng/ml



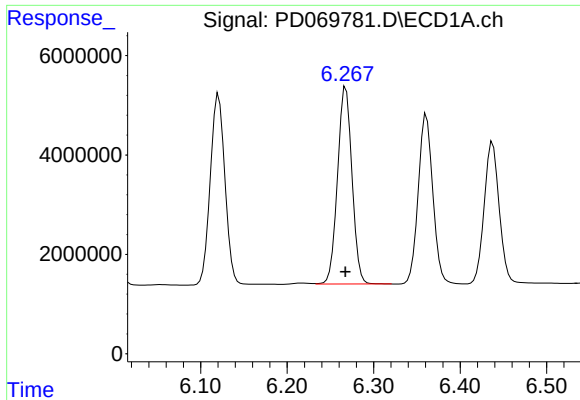
#14 Endrin

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 47603625
Conc: 42.84 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 326267940
Conc: 40.14 ng/ml m



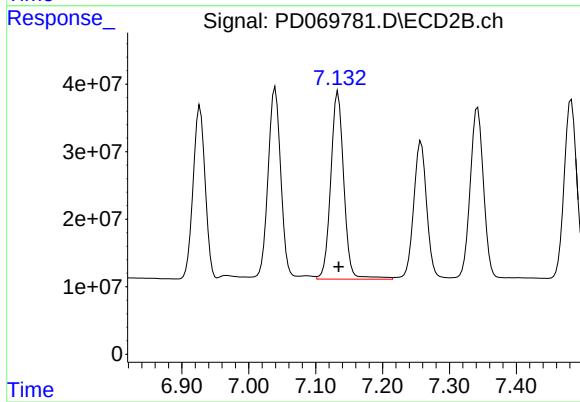
#15 Endosulfan II

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 45836825
Conc: 43.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

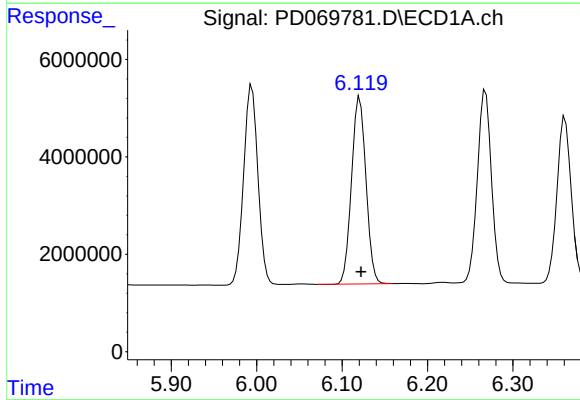
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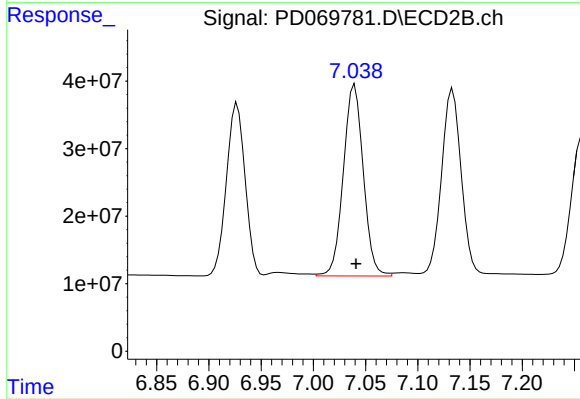
#15 Endosulfan II

R.T.: 7.133 min
Delta R.T.: -0.001 min
Response: 376603149
Conc: 45.78 ng/ml



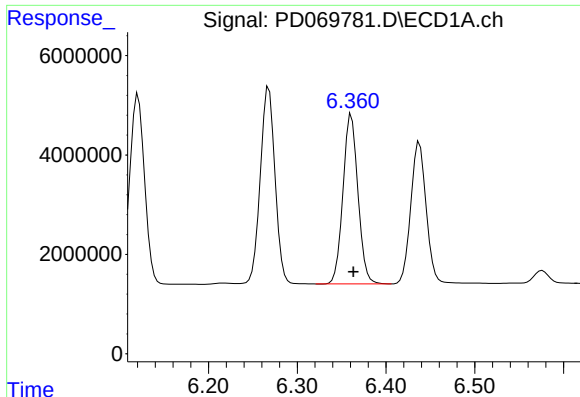
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 45037724
Conc: 45.24 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.001 min
Response: 376161726
Conc: 46.43 ng/ml



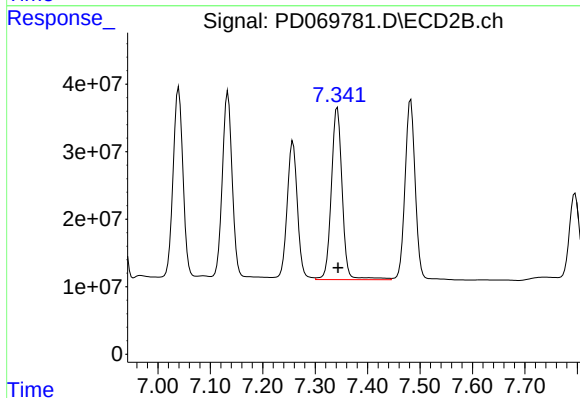
#17 4,4'-DDT

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 40047653
Conc: 41.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

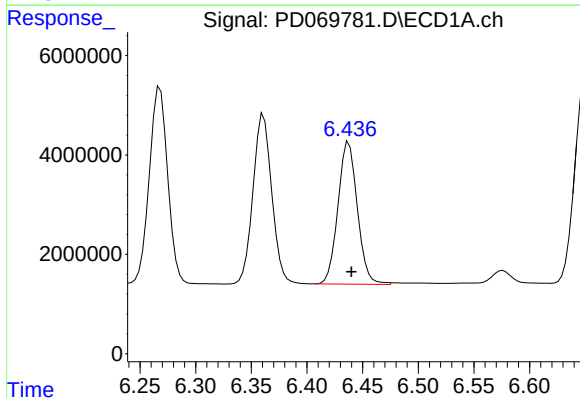
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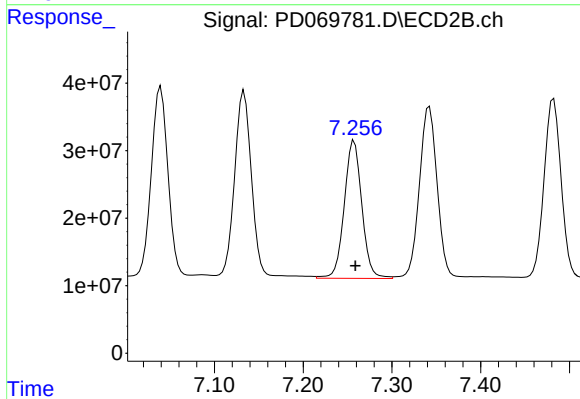
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.001 min
Response: 366640070
Conc: 44.58 ng/ml



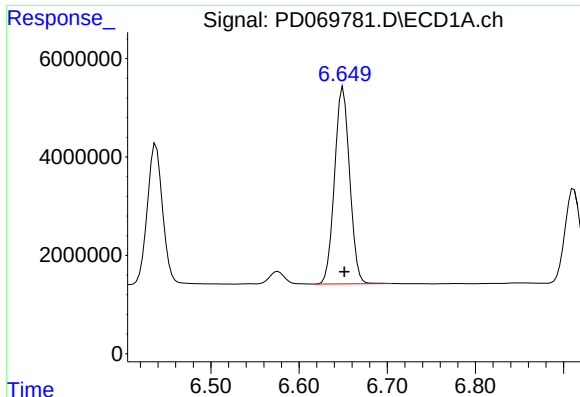
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: -0.004 min
Response: 34729321
Conc: 40.39 ng/ml m



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 281391917
Conc: 44.11 ng/ml



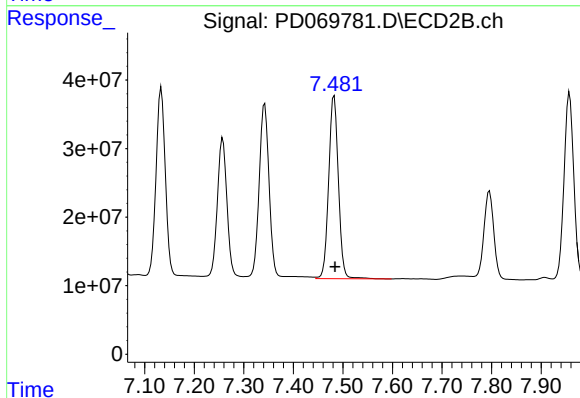
#19 Endosulfan Sulfate

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 47612336
Conc: 43.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

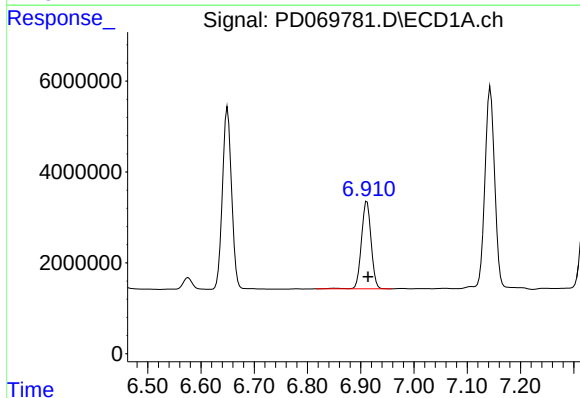
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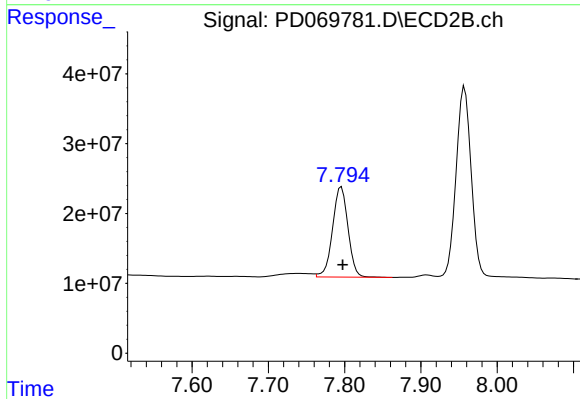
#19 Endosulfan Sulfate

R.T.: 7.482 min
Delta R.T.: -0.002 min
Response: 363568543
Conc: 45.51 ng/ml



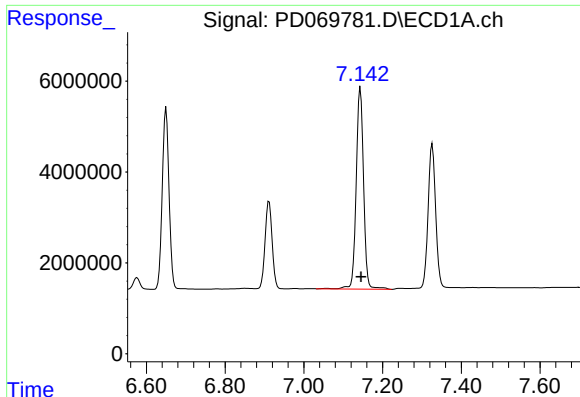
#20 Methoxychlor

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 24199683
Conc: 41.99 ng/ml



#20 Methoxychlor

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 181420030
Conc: 44.00 ng/ml



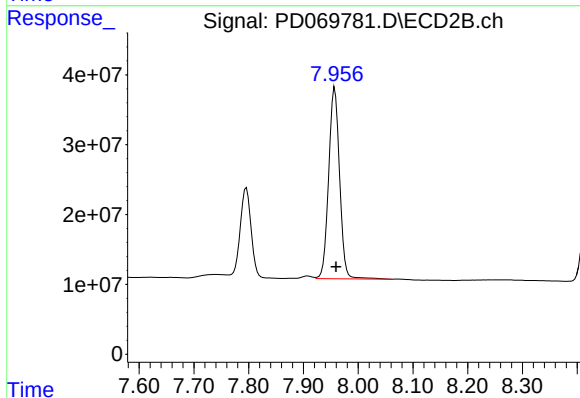
#21 Endrin ketone

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 58001855
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

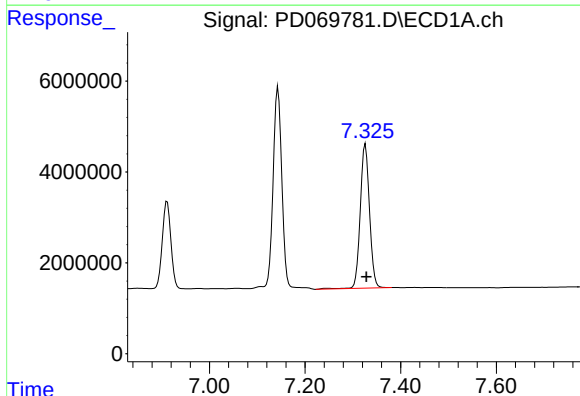
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Supervised By :Ankita Jodhani 05/23/2022



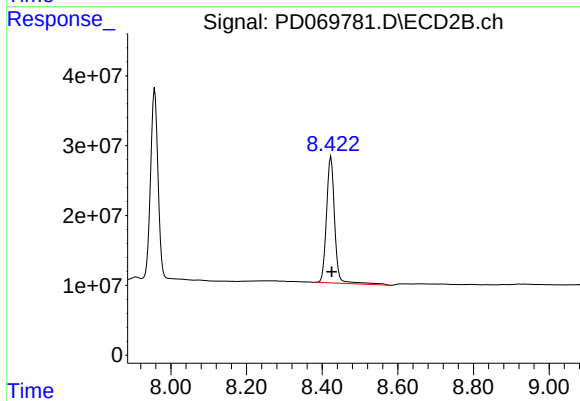
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.002 min
Response: 380746745
Conc: 45.58 ng/ml



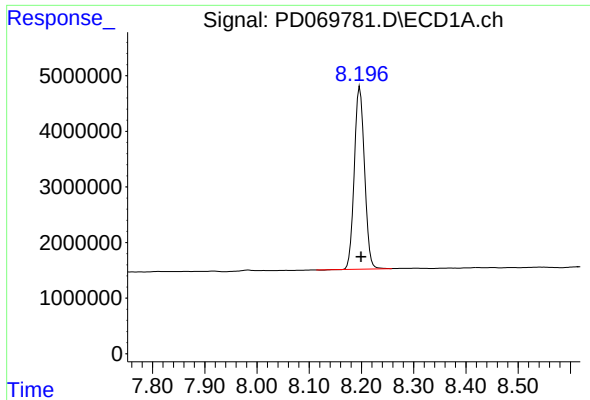
#22 Mirex

R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 42478669
Conc: 42.44 ng/ml



#22 Mirex

R.T.: 8.423 min
Delta R.T.: -0.003 min
Response: 273499351
Conc: 46.57 ng/ml



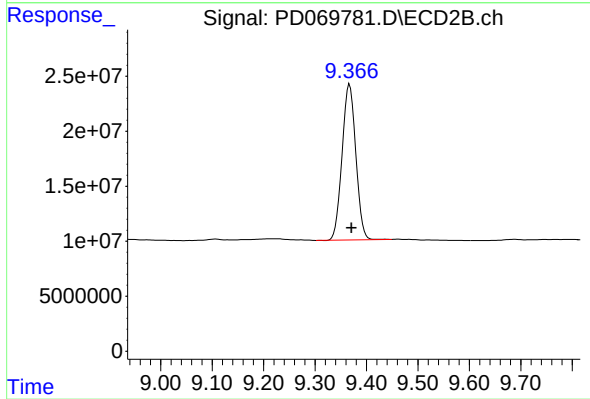
#28 Decachlorobiphenyl

R.T.: 8.197 min
Delta R.T.: -0.002 min
Response: 44655096
Conc: 41.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/23/2022



#28 Decachlorobiphenyl

R.T.: 9.367 min
Delta R.T.: -0.004 min
Response: 262248773
Conc: 43.76 ng/ml