

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070762.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 13:44
 Operator : AR\AJ
 Sample : N3214-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/08/2022
 Supervised By : Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 15:36:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 15:26:38 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...	3.485	4.123	49399340	588.0E6	20.235	22.737
28)	SA Decachlor...	8.264	9.313	54583864	185.1E6	22.014	22.495
Target Compounds							
2)	A alpha-BHC	3.928	4.528	17332430	234.5E6	4.936	6.380 #
3)	MA gamma-BHC...	4.213	4.821	17924151	206.7E6	5.268	6.363
4)	MA Heptachlor	4.515	5.335	17128117	211.0E6	5.079	6.812 #
5)	MB Aldrin	4.764	5.648	17718289	194.6E6	5.368	6.904 #
6)	B beta-BHC	4.463	4.997	7901066	105.5E6	5.414	6.624
7)	B delta-BHC	4.668	5.220	13304529	159.2E6	4.067	5.567 #
8)	B Heptachlo...	5.209	6.042	16474619	167.8E6	5.468	7.372 #
9)	A Endosulfan I	5.550	6.406	15055986	139.2E6	5.377	6.796 #
10)	B gamma-Chl...	5.436	6.279	16887359	160.2E6	5.444	7.026 #
11)	B alpha-Chl...	5.495	6.352	16793730	153.1E6	5.522	6.952 #
12)	B 4,4'-DDE	5.661	6.506	15094422	134.7E6	5.192	6.588 #
13)	MA Dieldrin	5.794	6.668	16463261	137.3E6	5.472	6.773
14)	MA Endrin	6.052	6.891	14354496	99623694	5.339	6.472
15)	B Endosulfa...	6.326	7.104	15387213	104.3E6	6.481	7.101
16)	A 4,4'-DDD	6.179	7.004	13453793	80706168	5.513	5.703m
17)	MA 4,4'-DDT	6.421	7.307	13468723	92385494	5.395	6.063
18)	B Endrin al...	6.497	7.230	12602054	85001588	6.779	7.423
19)	B Endosulfa...	6.710	7.454	13841841	89870752	5.699	6.549
20)	A Methoxychlor	6.972	7.766	8704889	44356572	6.090	6.468
21)	B Endrin ke...	7.204	7.935	16274554	85462923	6.118	6.660
22)	Mirex	7.392	8.390	35736833	140.0E6	16.327	17.526

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070762.D
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 Acq On : 07 Jul 2022 13:44
 Operator : AR\AJ
 Sample : N3214-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 11 Sample Multiplier: 1

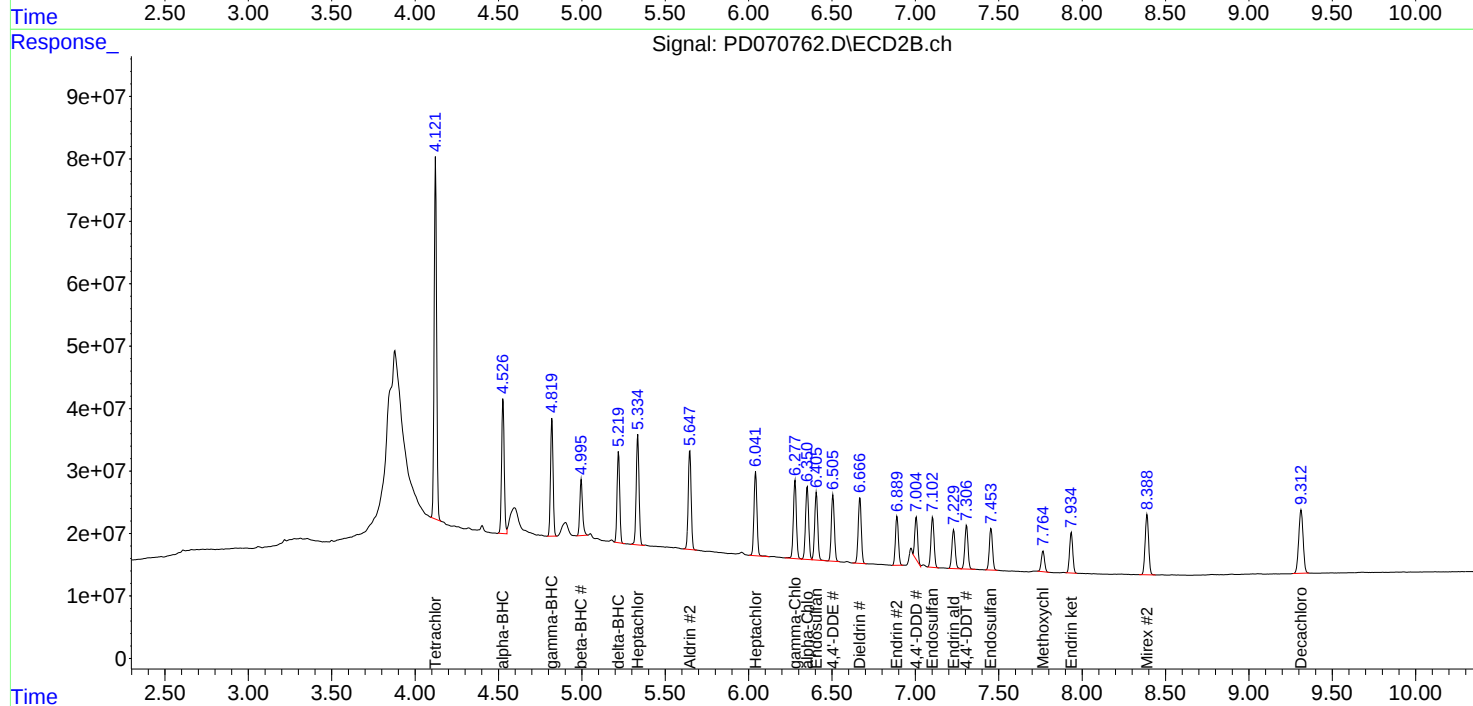
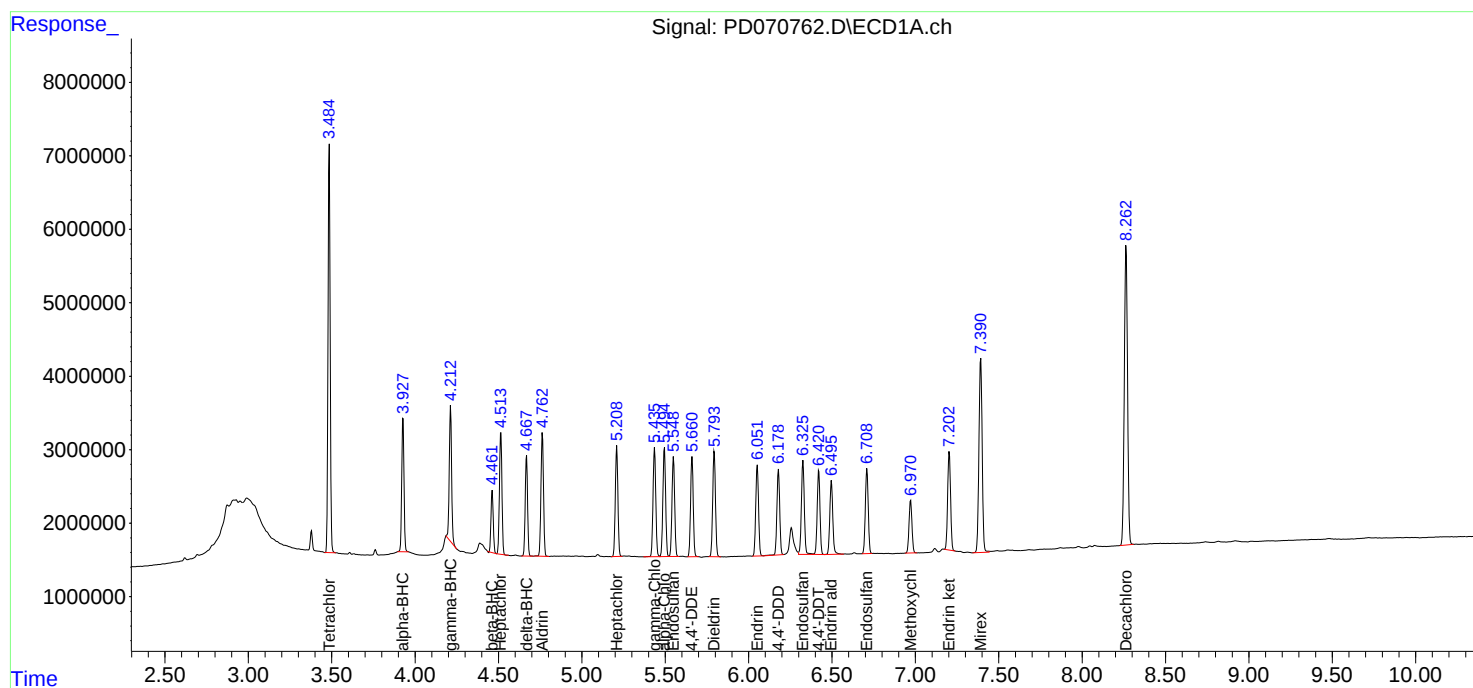
Instrument :
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 LOQ-SOIL-02-QT2-2022

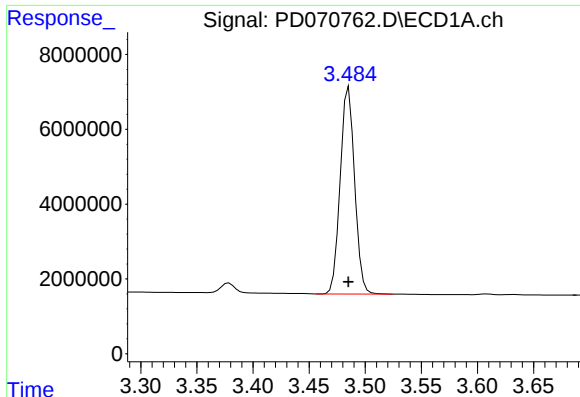
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 07/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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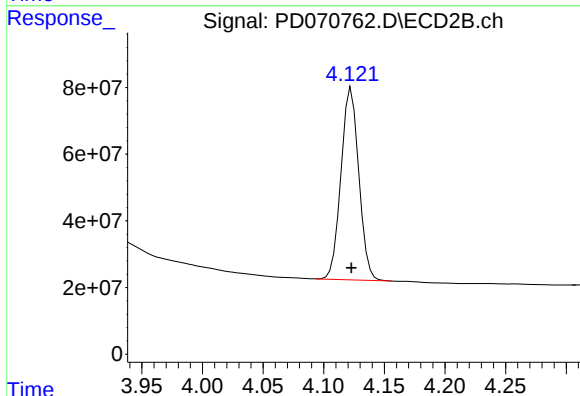
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 49399340
Conc: 20.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

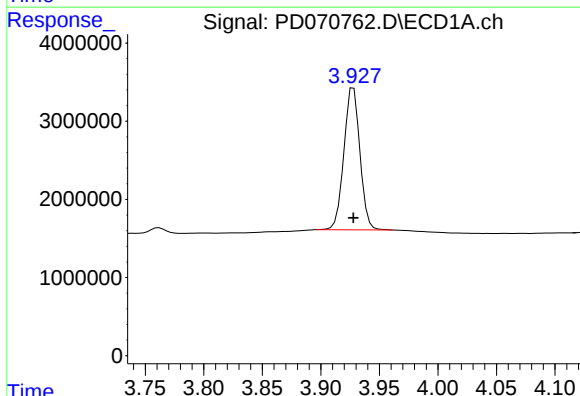
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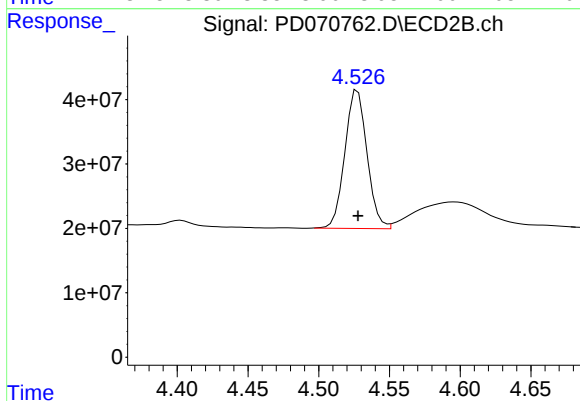
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 587997710
Conc: 22.74 ng/ml



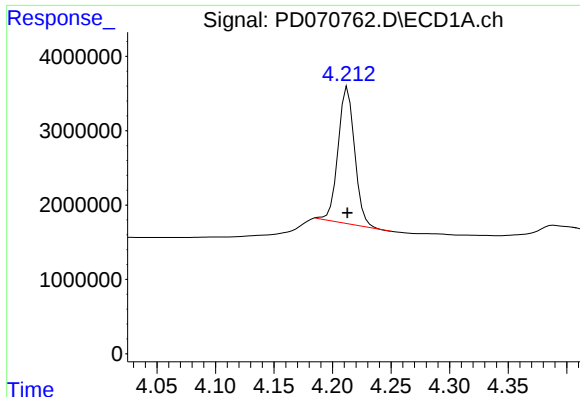
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 17332430
Conc: 4.94 ng/ml



#2 alpha-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 234451012
Conc: 6.38 ng/ml



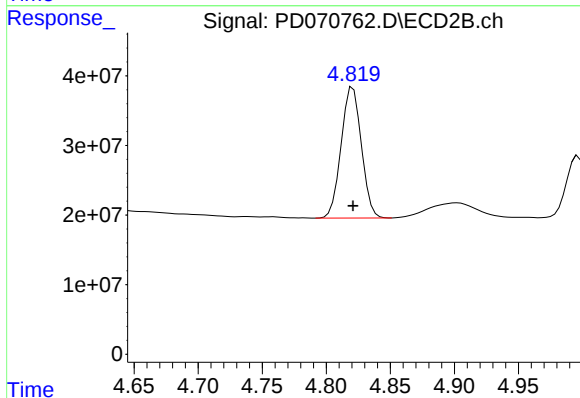
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 17924151
Conc: 5.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
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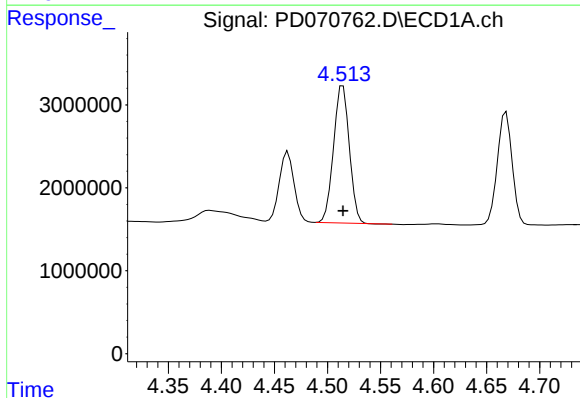
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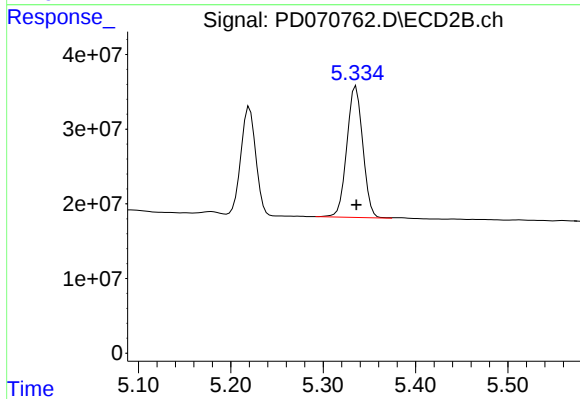
#3 gamma-BHC (Lindane)

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 206742151
Conc: 6.36 ng/ml



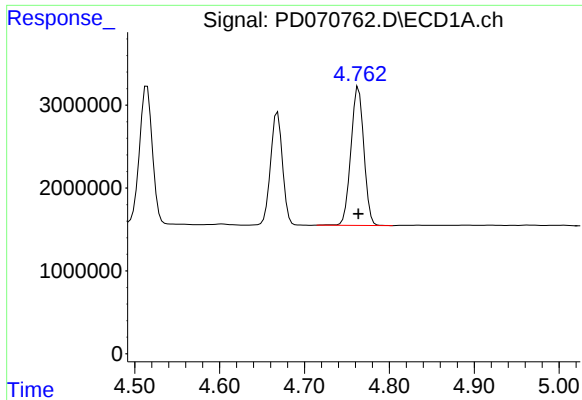
#4 Heptachlor

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 17128117
Conc: 5.08 ng/ml



#4 Heptachlor

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 211036292
Conc: 6.81 ng/ml



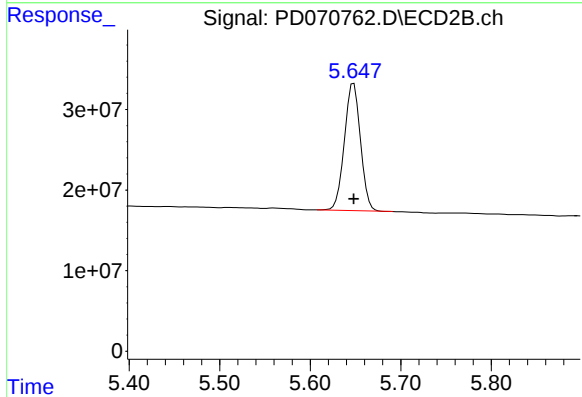
#5 Aldrin

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 17718289
Conc: 5.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

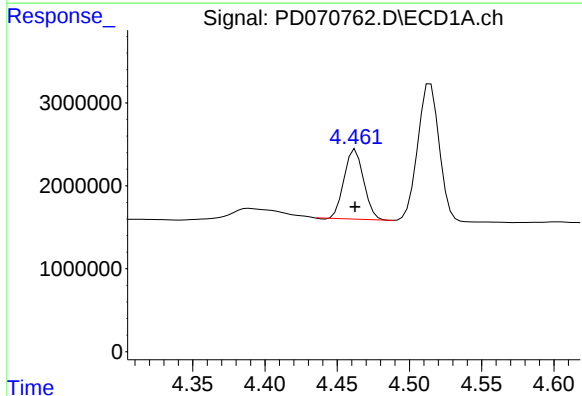
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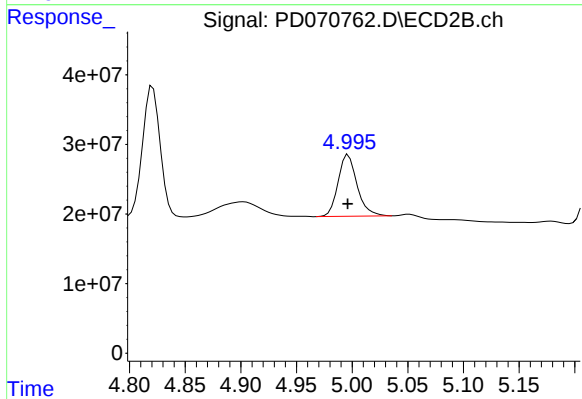
#5 Aldrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 194633932
Conc: 6.90 ng/ml



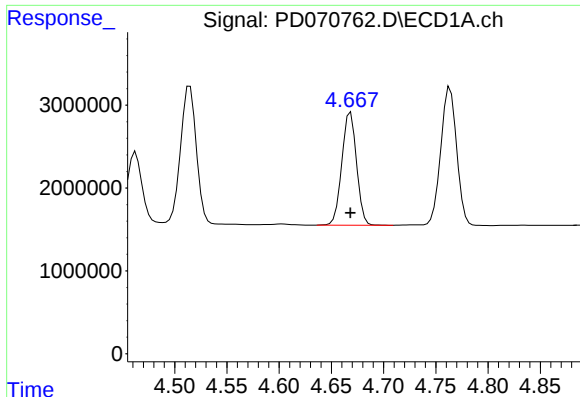
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 7901066
Conc: 5.41 ng/ml



#6 beta-BHC

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 105489831
Conc: 6.62 ng/ml



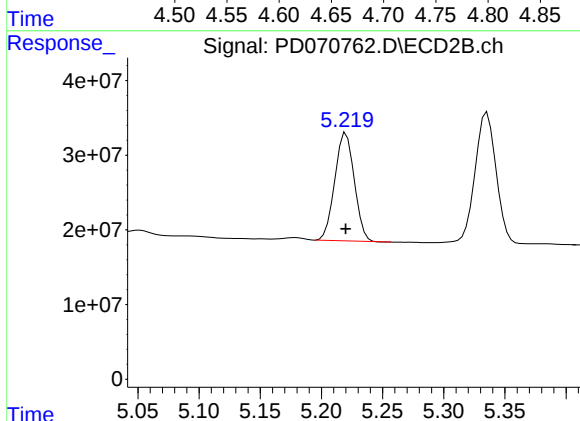
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 13304529
Conc: 4.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

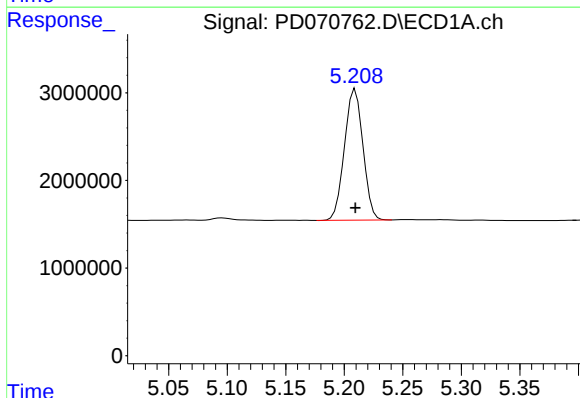
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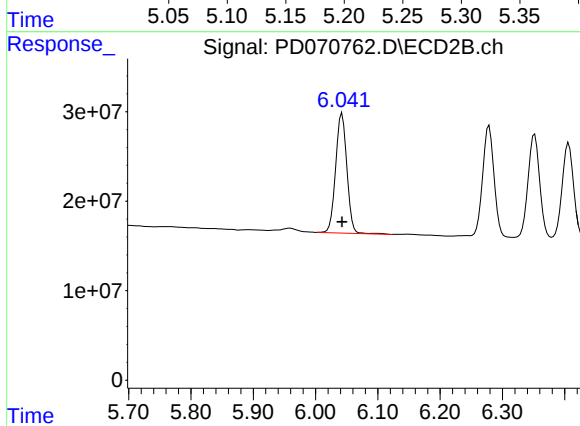
#7 delta-BHC

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 159233667
Conc: 5.57 ng/ml



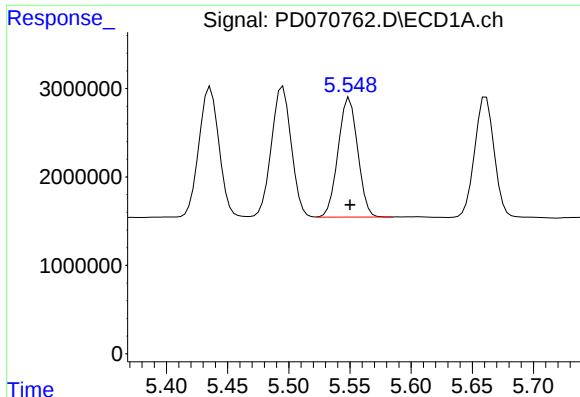
#8 Heptachlor epoxide

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 16474619
Conc: 5.47 ng/ml



#8 Heptachlor epoxide

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 167762504
Conc: 7.37 ng/ml



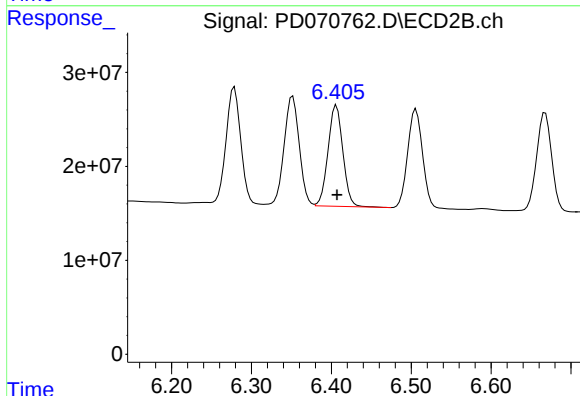
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 15055986
Conc: 5.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

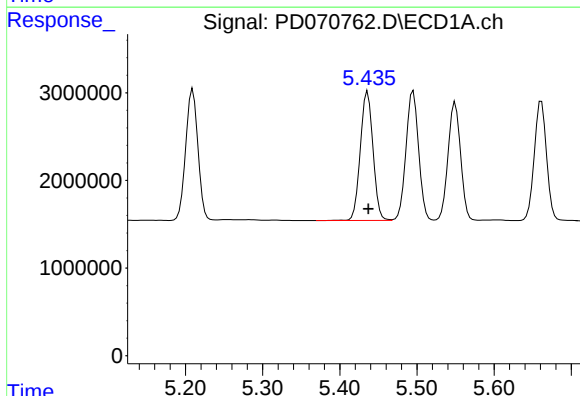
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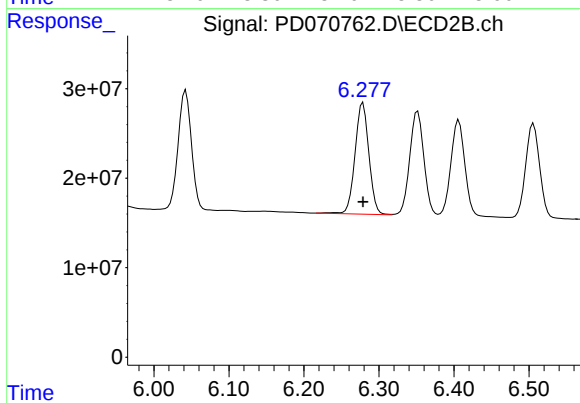
#9 Endosulfan I

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 139177074
Conc: 6.80 ng/ml



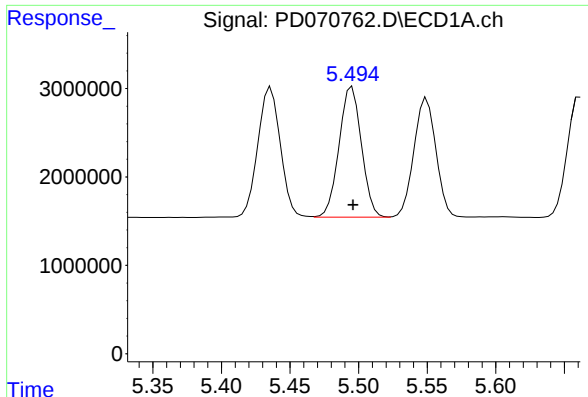
#10 gamma-Chlordane

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 16887359
Conc: 5.44 ng/ml



#10 gamma-Chlordane

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 160227070
Conc: 7.03 ng/ml



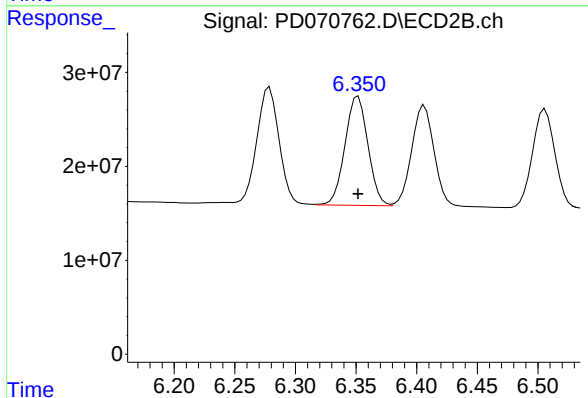
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 16793730
Conc: 5.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

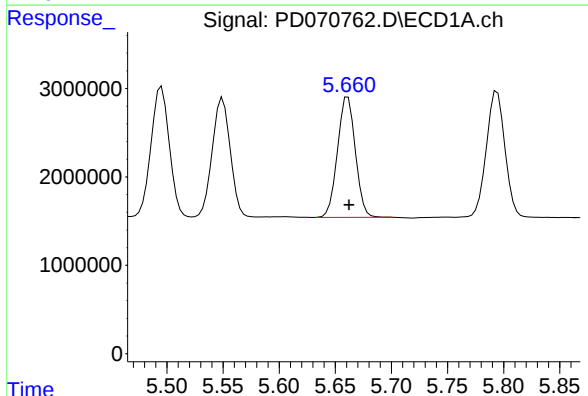
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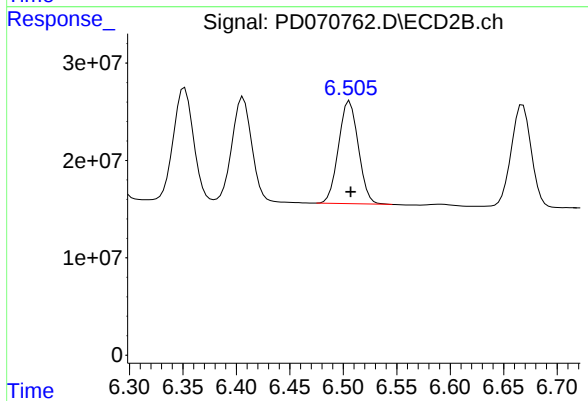
#11 alpha-Chlordane

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 153143404
Conc: 6.95 ng/ml



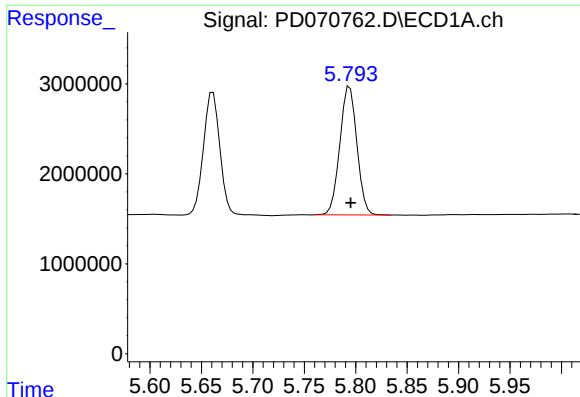
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 15094422
Conc: 5.19 ng/ml



#12 4,4'-DDE

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 134714640
Conc: 6.59 ng/ml



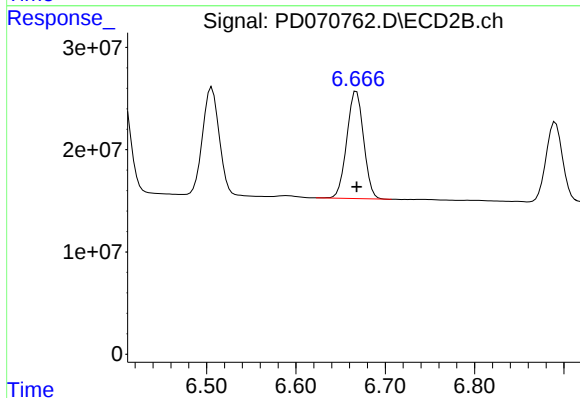
#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 16463261
Conc: 5.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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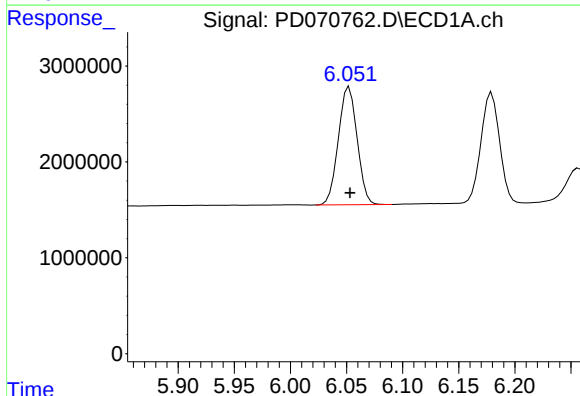
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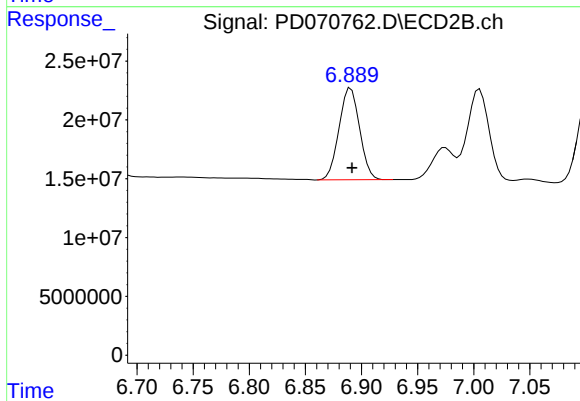
#13 Dieldrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 137277315
Conc: 6.77 ng/ml



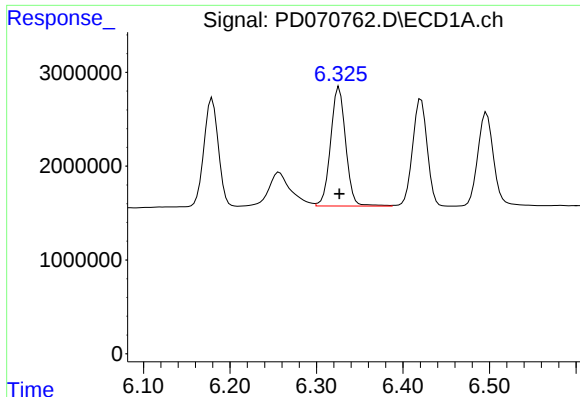
#14 Endrin

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 14354496
Conc: 5.34 ng/ml



#14 Endrin

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 99623694
Conc: 6.47 ng/ml



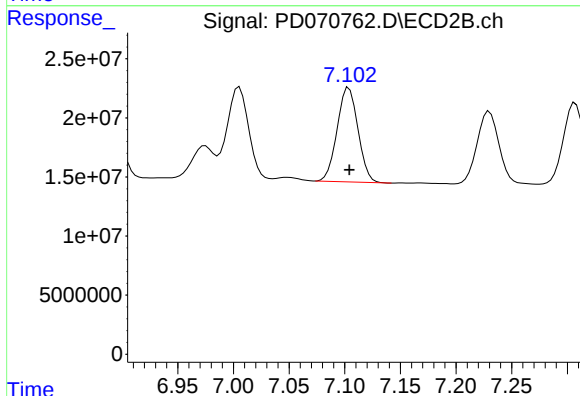
#15 Endosulfan II

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 15387213
Conc: 6.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
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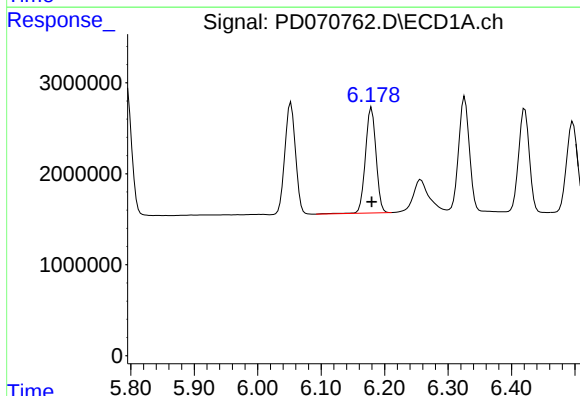
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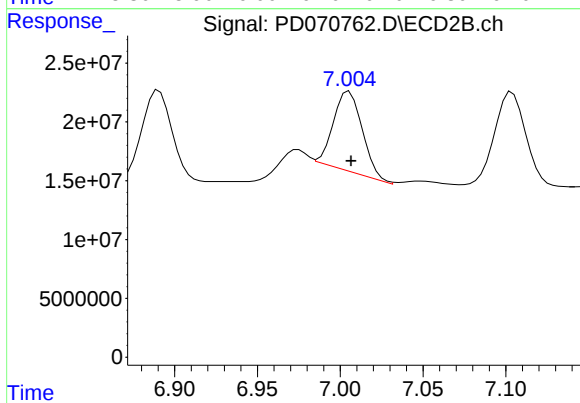
#15 Endosulfan II

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 104250861
Conc: 7.10 ng/ml



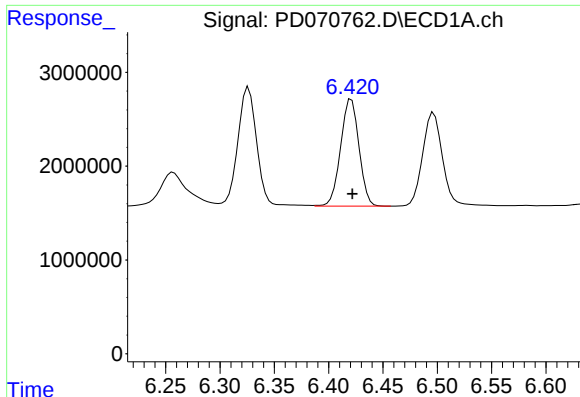
#16 4,4'-DDD

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 13453793
Conc: 5.51 ng/ml



#16 4,4'-DDD

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 80706168
Conc: 5.70 ng/ml m



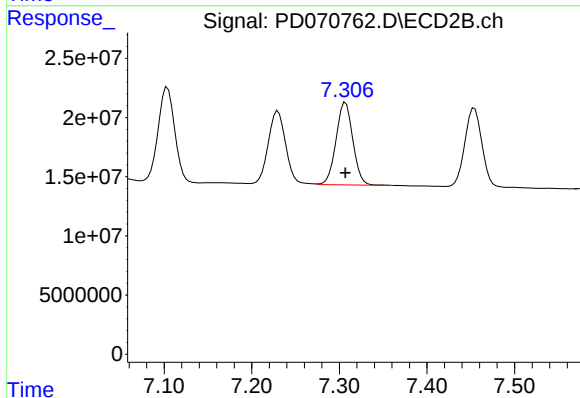
#17 4,4'-DDT

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 13468723
Conc: 5.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
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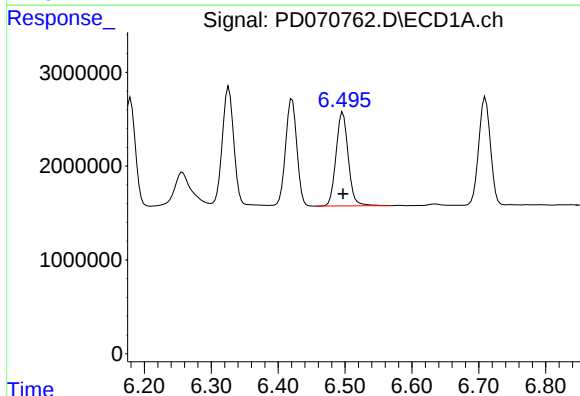
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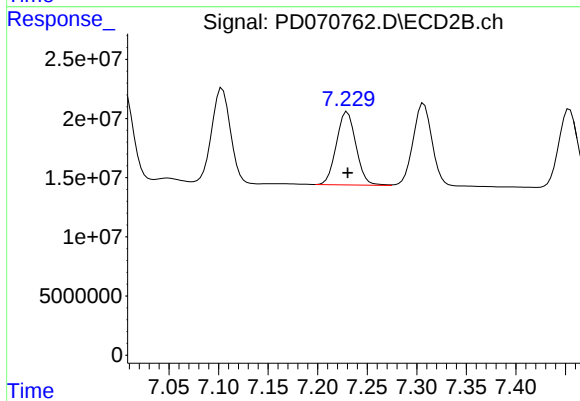
#17 4,4'-DDT

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 92385494
Conc: 6.06 ng/ml



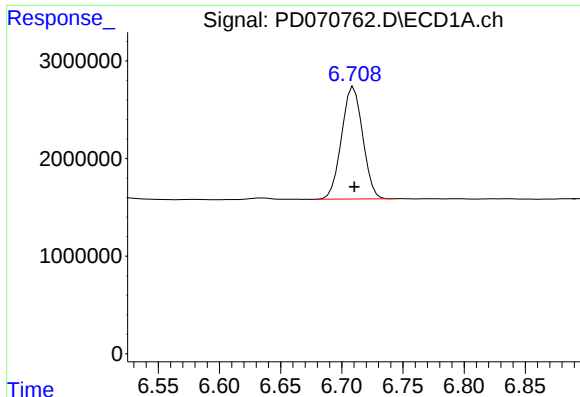
#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 12602054
Conc: 6.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 85001588
Conc: 7.42 ng/ml



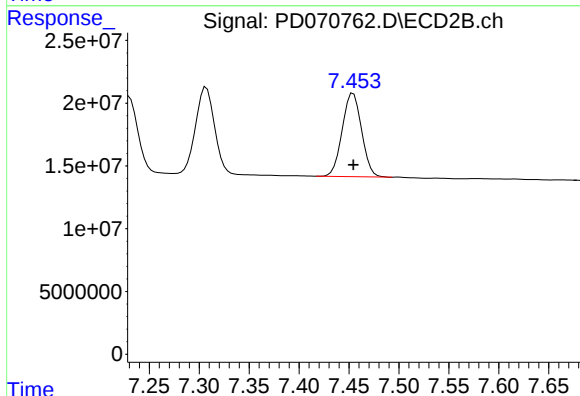
#19 Endosulfan Sulfate

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 13841841
Conc: 5.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
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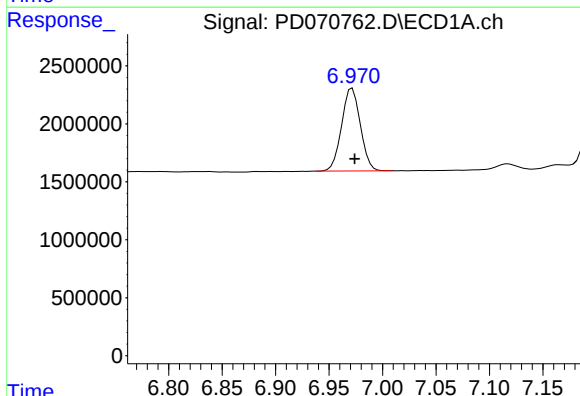
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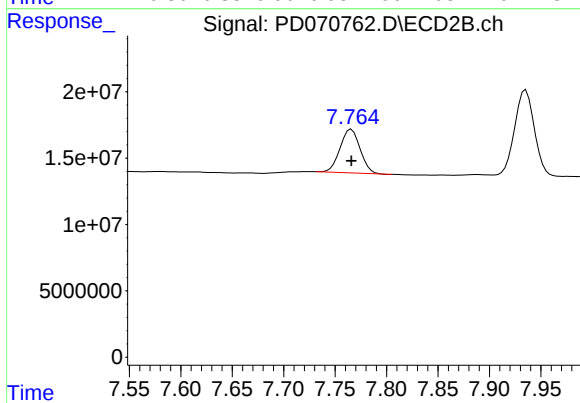
#19 Endosulfan Sulfate

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 89870752
Conc: 6.55 ng/ml



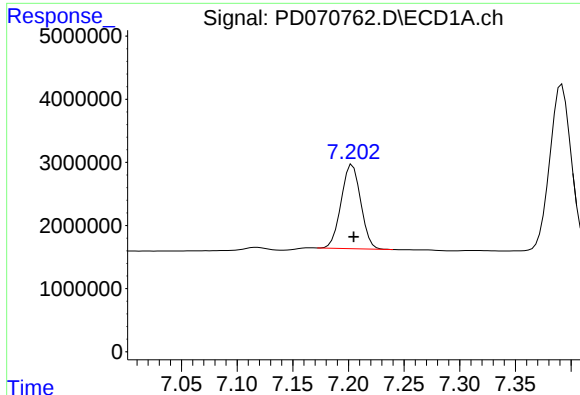
#20 Methoxychlor

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 8704889
Conc: 6.09 ng/ml



#20 Methoxychlor

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 44356572
Conc: 6.47 ng/ml



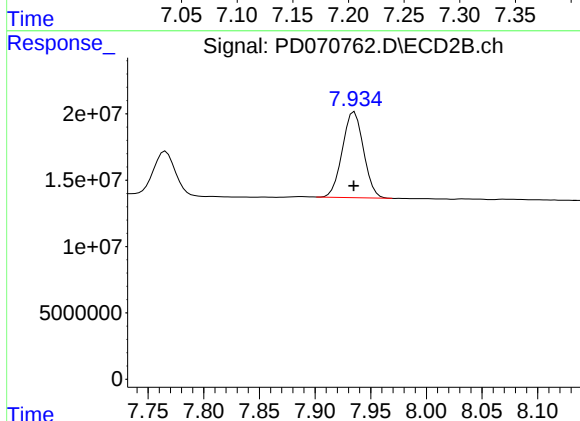
#21 Endrin ketone

R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 16274554
Conc: 6.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

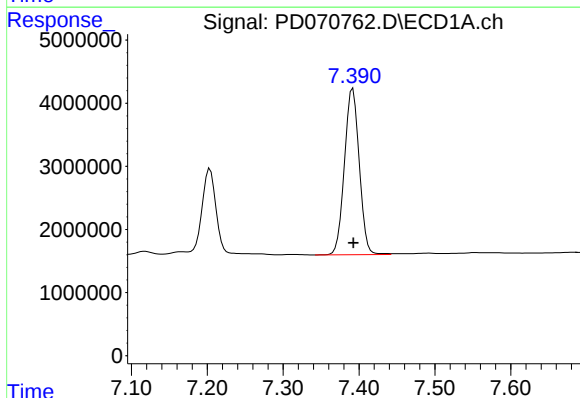
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



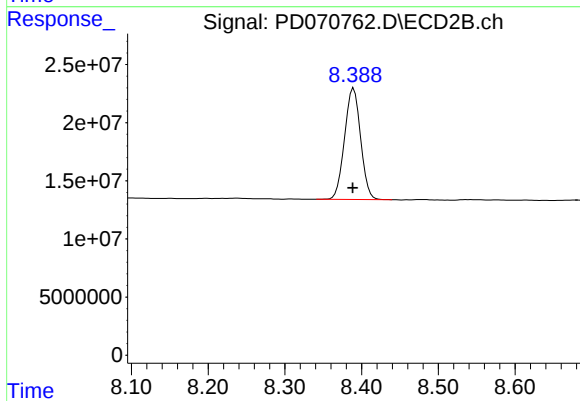
#21 Endrin ketone

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 85462923
Conc: 6.66 ng/ml



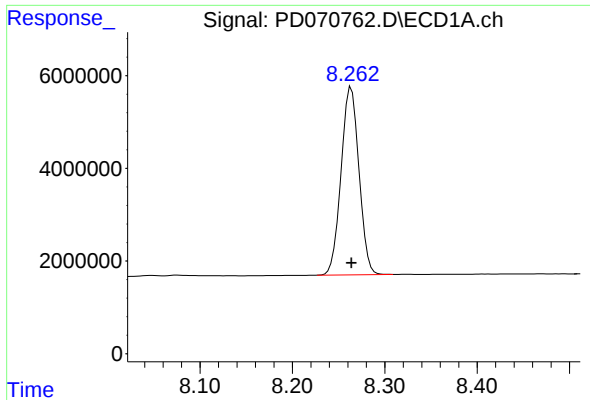
#22 Mirex

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 35736833
Conc: 16.33 ng/ml



#22 Mirex

R.T.: 8.390 min
Delta R.T.: 0.001 min
Response: 139963851
Conc: 17.53 ng/ml



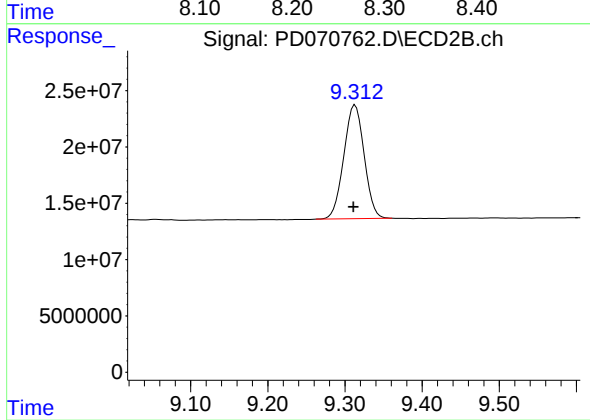
#28 Decachlorobiphenyl

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 54583864
Conc: 22.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2022
Supervised By :Ankita Jodhani 07/08/2022



#28 Decachlorobiphenyl

R.T.: 9.313 min
Delta R.T.: 0.003 min
Response: 185060137
Conc: 22.49 ng/ml