

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 16:18
 Operator : AR\AJ
 Sample : N3214-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 19 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 16:48:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 07 16:46:55 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.484	4.123	43389317	505.5E6	17.773	19.548
28)	SA Decachlor...	8.261	9.311	48855651	156.8E6	19.703	19.065
Target Compounds							
2)	A alpha-BHC	3.927	4.527	18274468	221.3E6	5.204	6.023
3)	MA gamma-BHC...	4.212	4.820	19705248	189.0E6	5.791	5.818
4)	MA Heptachlor	4.513	5.335	16226449	198.3E6	4.811	6.400 #
5)	MB Aldrin	4.762	5.647	16072468	174.9E6	4.869	6.203 #
6)	B beta-BHC	4.461	4.997	7398169	162.9E6	5.070	6.863 #
7)	B delta-BHC	4.667	5.219	15181624	179.3E6	4.641	6.269 #
8)	B Heptachlo...	5.207	6.040	15635770	152.7E6	5.189	6.709m#
9)	A Endosulfan I	5.548	6.405	14333679	131.8E6	5.119	6.435m#
10)	B gamma-Chl...	5.434	6.278	16167538	147.5E6	5.212	6.468
11)	B alpha-Chl...	5.494	6.349	16003955	141.7E6	5.262	6.431m
12)	B 4,4'-DDE	5.660	6.505	14020579	126.5E6	4.823	6.188 #
13)	MA Dieldrin	5.792	6.667	14940358	126.2E6	4.966	6.227 #
14)	MA Endrin	6.051	6.890	12931416	89716134	4.810	5.828
15)	B Endosulfa...	6.325	7.103	13108935	90978294	5.521	6.197
16)	A 4,4'-DDD	6.178	7.003	13449663	99414192	5.512	7.025m#
17)	MA 4,4'-DDT	6.420	7.306	12801560	88744773	5.127	5.824
18)	B Endrin al...	6.495	7.229	10676175	74250864	5.743	6.485
19)	B Endosulfa...	6.709	7.453	13375317	86043155	5.507	6.270
20)	A Methoxychlor	6.972	7.765	7875813	41334197	5.510	6.027
21)	B Endrin ke...	7.203	7.934	15761789	82222097	5.925	6.407
22)	Mirex	7.391	8.388	14713890	52226296	6.722	6.540

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070822\
 Data File : PD070772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2022 16:18
 Operator : AR\AJ
 Sample : N3214-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 19 Sample Multiplier: 1

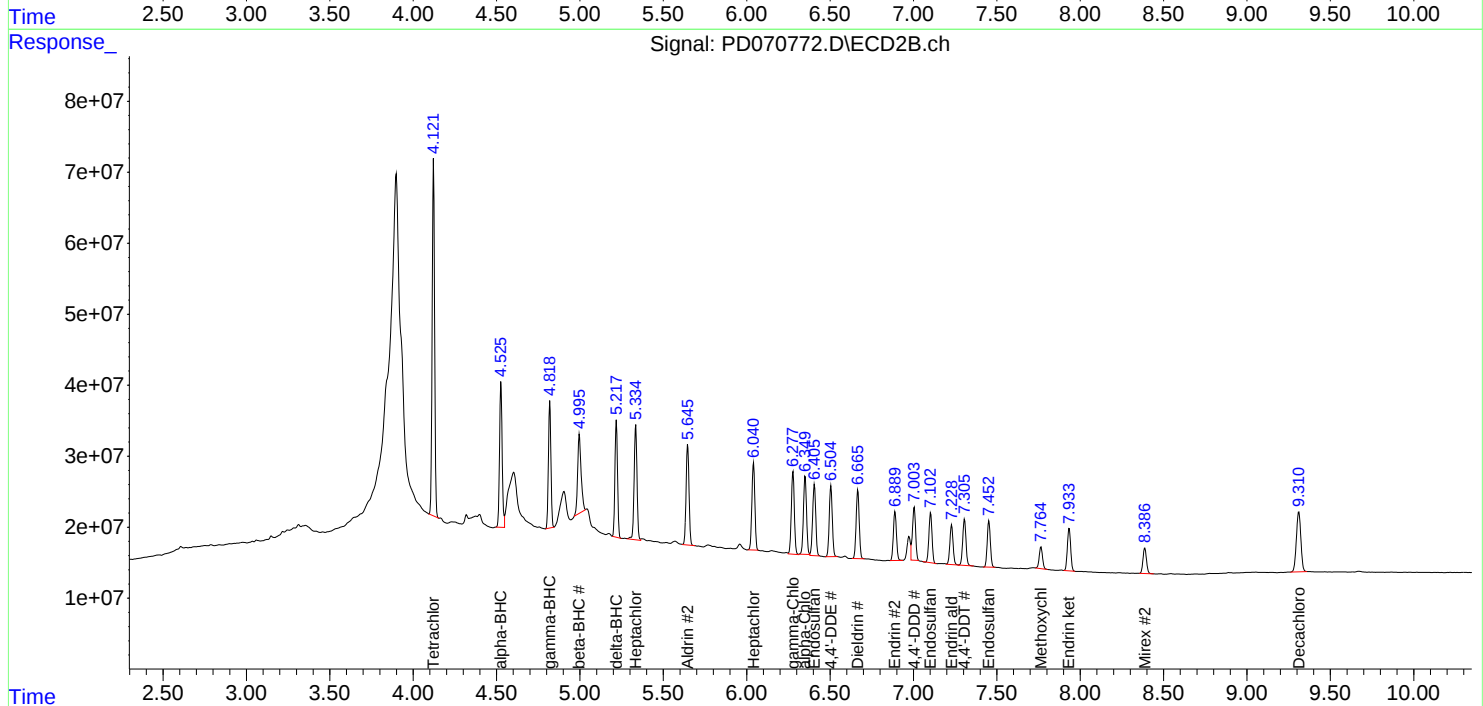
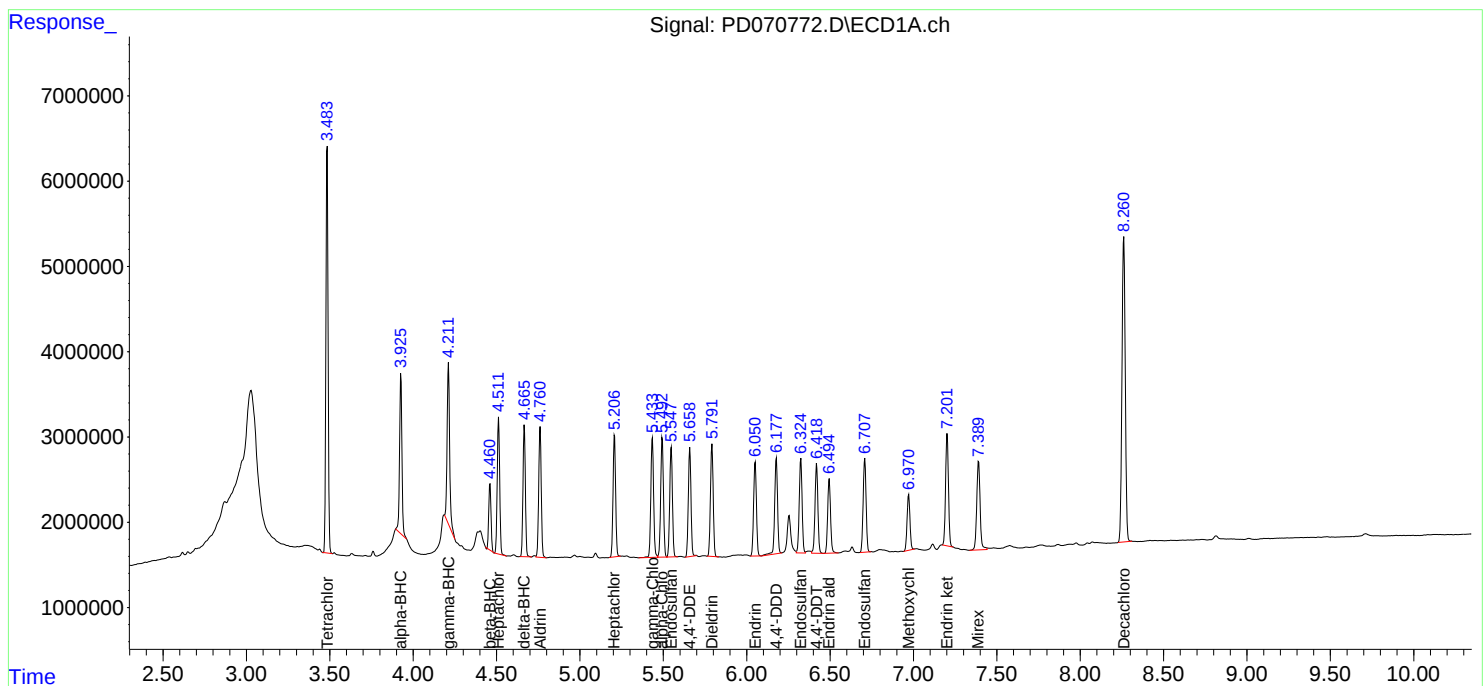
Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

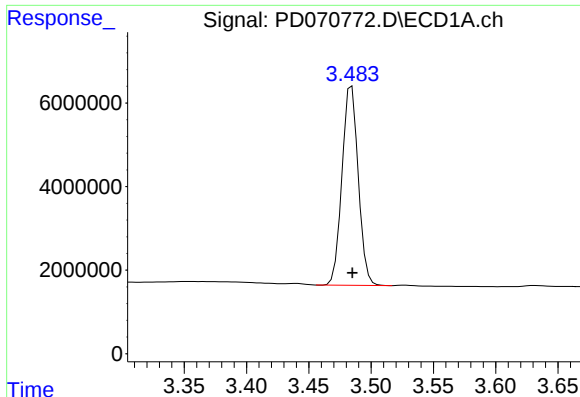
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 16:48:00 2022
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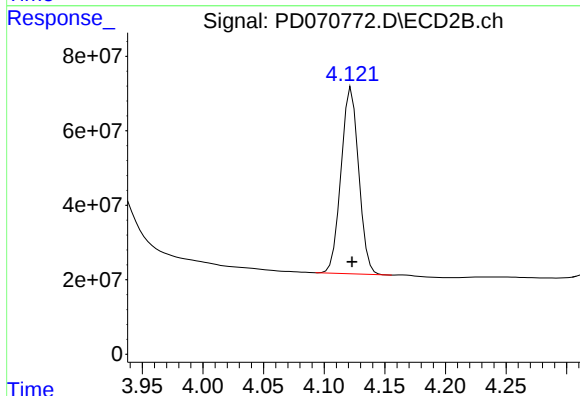
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 43389317
Conc: 17.77 ng/ml

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

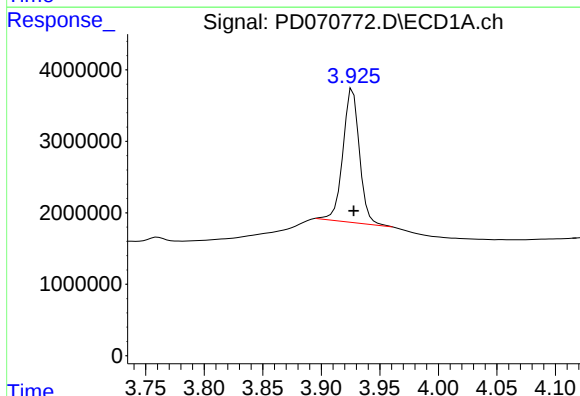
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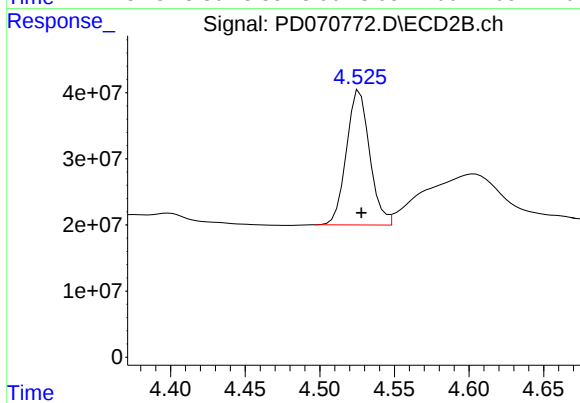
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 505527480
Conc: 19.55 ng/ml



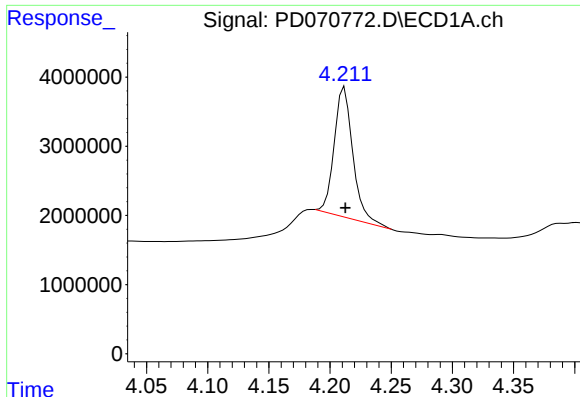
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 18274468
Conc: 5.20 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 221345865
Conc: 6.02 ng/ml



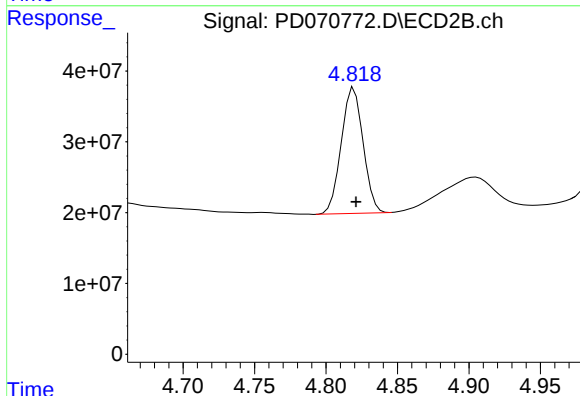
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 19705248
Conc: 5.79 ng/ml

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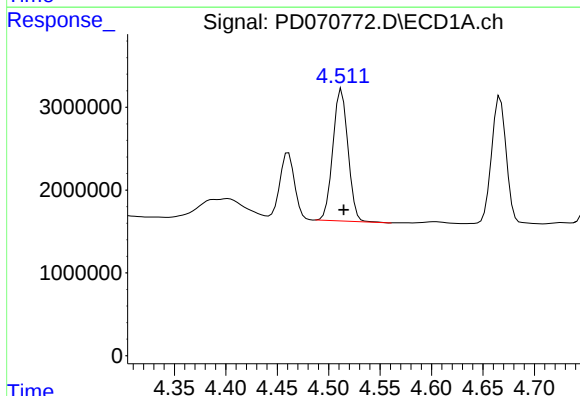
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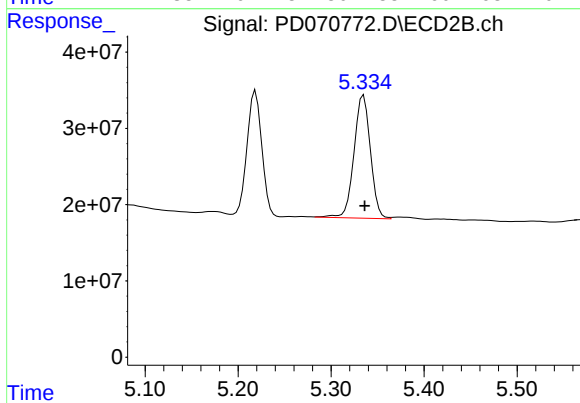
#3 gamma-BHC (Lindane)

R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 189017861
Conc: 5.82 ng/ml



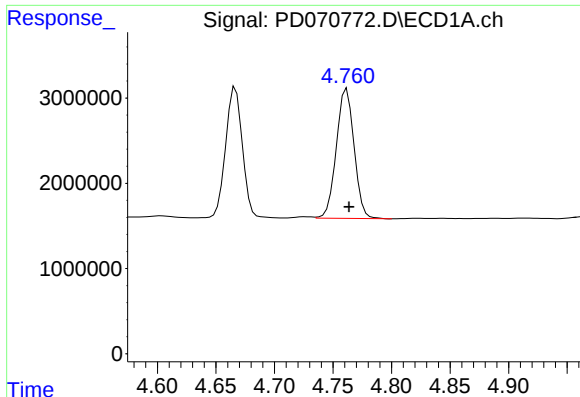
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: -0.002 min
Response: 16226449
Conc: 4.81 ng/ml



#4 Heptachlor

R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 198274100
Conc: 6.40 ng/ml



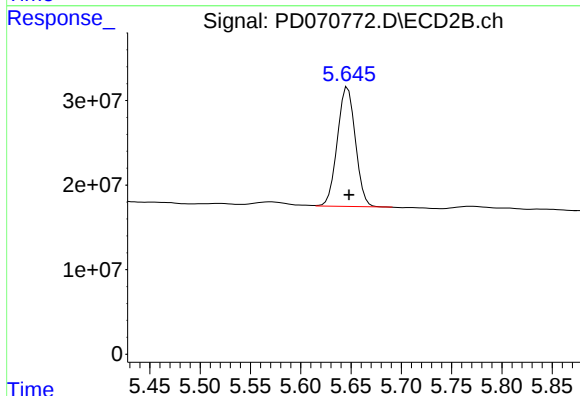
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 16072468
Conc: 4.87 ng/ml

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

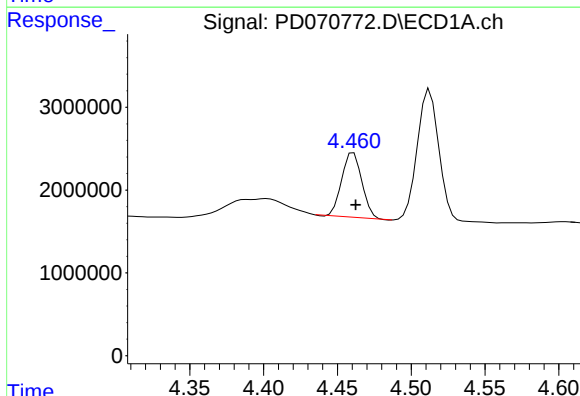
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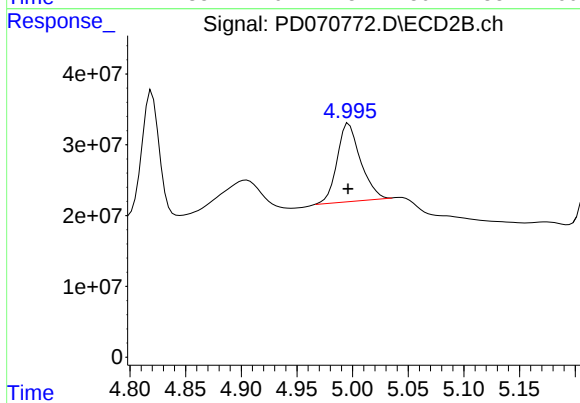
#5 Aldrin

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 174884801
Conc: 6.20 ng/ml



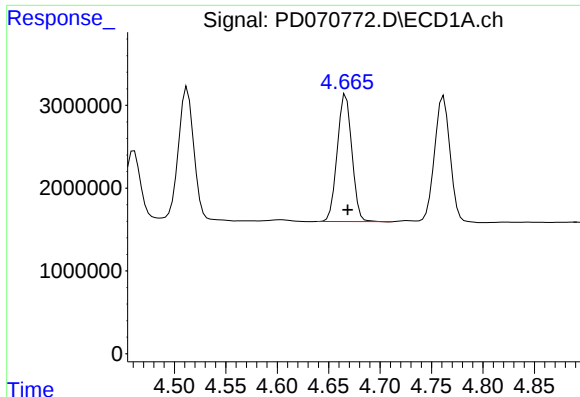
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: -0.002 min
Response: 7398169
Conc: 5.07 ng/ml



#6 beta-BHC

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 162906765
Conc: 6.86 ng/ml



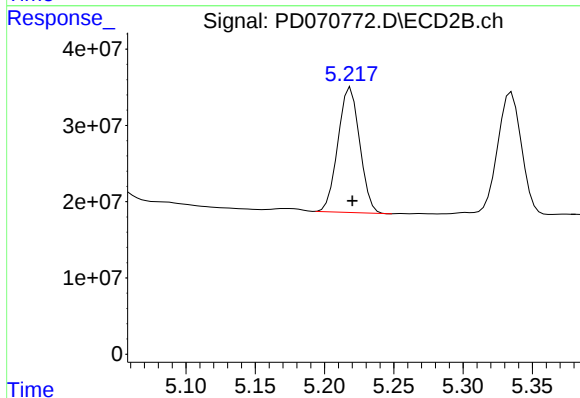
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: -0.002 min
Response: 15181624
Conc: 4.64 ng/ml

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

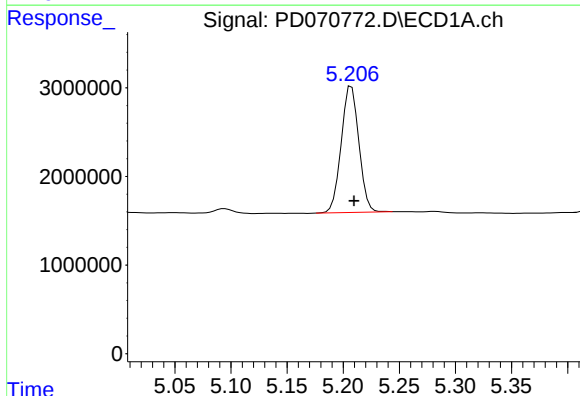
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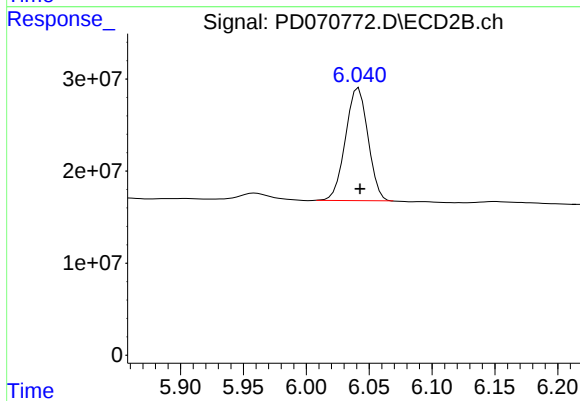
#7 delta-BHC

R.T.: 5.219 min
Delta R.T.: -0.001 min
Response: 179329570
Conc: 6.27 ng/ml



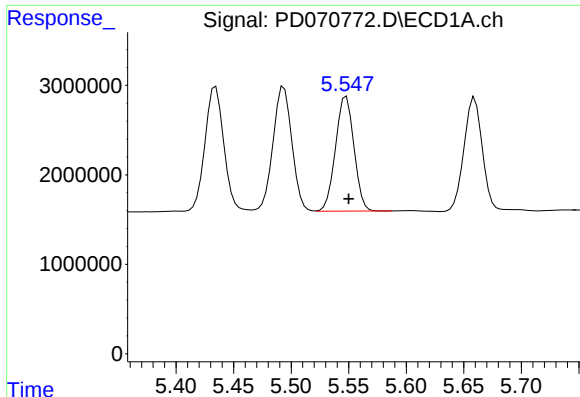
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 15635770
Conc: 5.19 ng/ml



#8 Heptachlor epoxide

R.T.: 6.040 min
Delta R.T.: -0.003 min
Response: 152662240
Conc: 6.71 ng/ml m



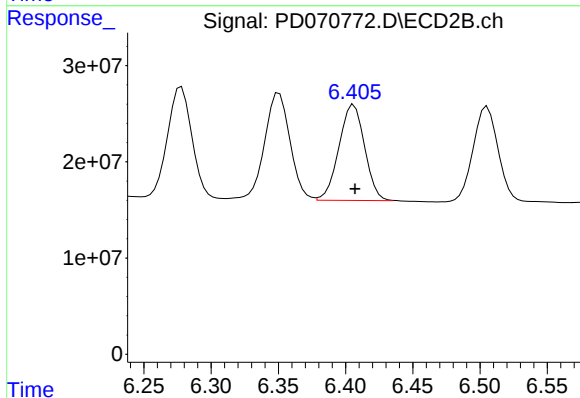
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: -0.002 min
Response: 14333679
Conc: 5.12 ng/ml

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

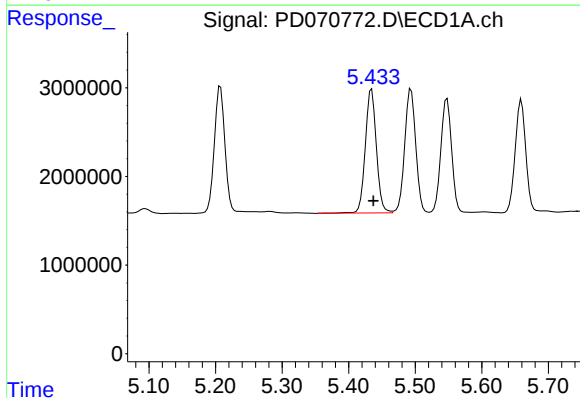
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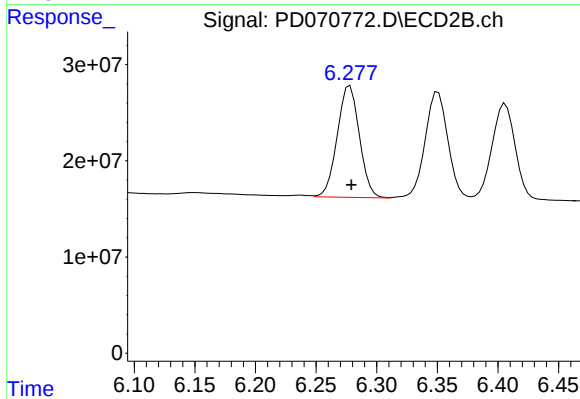
#9 Endosulfan I

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 131770900
Conc: 6.43 ng/ml m



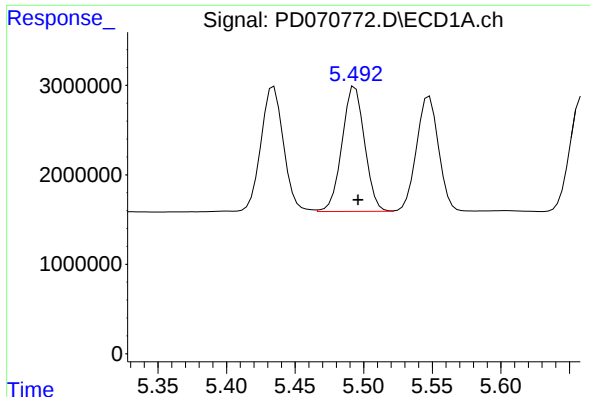
#10 gamma-Chlordane

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 16167538
Conc: 5.21 ng/ml



#10 gamma-Chlordane

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 147501415
Conc: 6.47 ng/ml



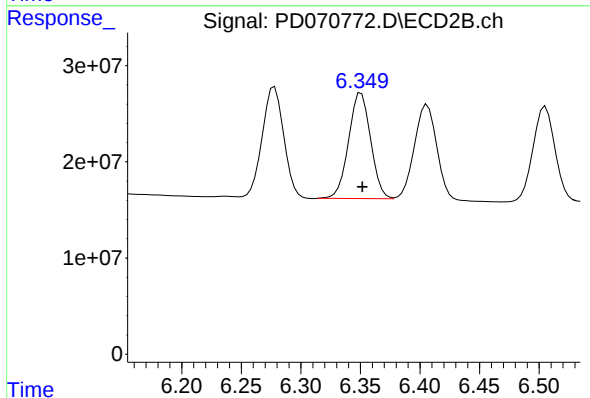
#11 alpha-Chlordane

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 16003955
Conc: 5.26 ng/ml

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

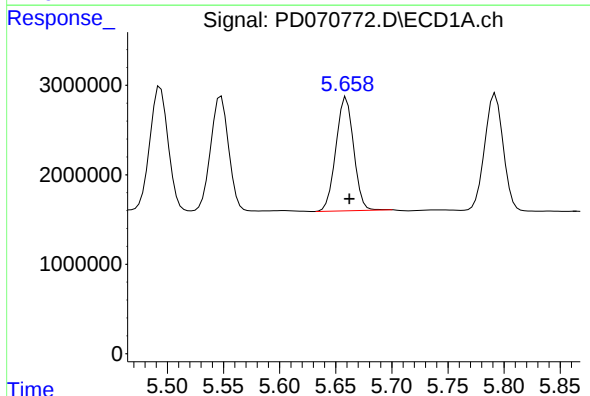
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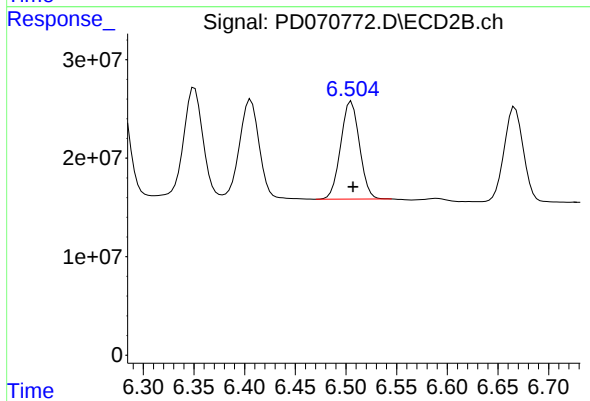
#11 alpha-Chlordane

R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 141672589
Conc: 6.43 ng/ml m



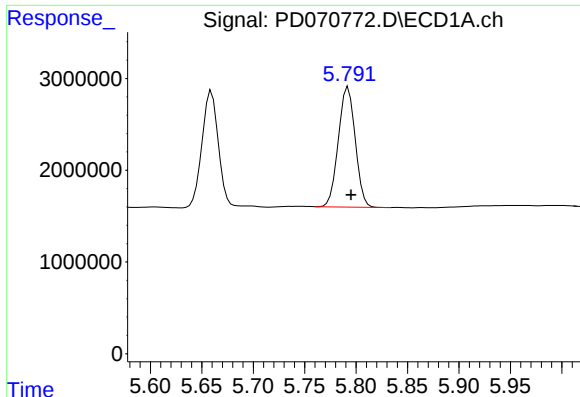
#12 4,4'-DDE

R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 14020579
Conc: 4.82 ng/ml



#12 4,4'-DDE

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 126531829
Conc: 6.19 ng/ml



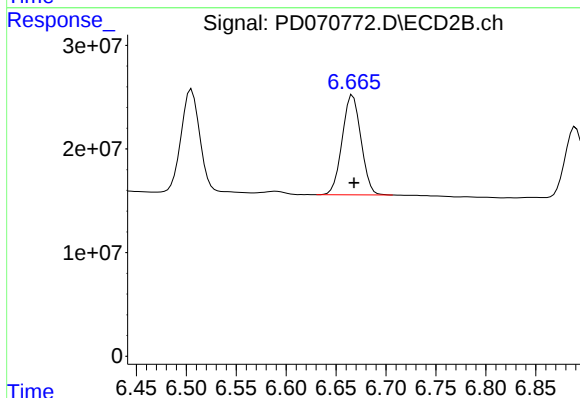
#13 Dieldrin

R.T.: 5.792 min
Delta R.T.: -0.003 min
Response: 14940358
Conc: 4.97 ng/ml

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

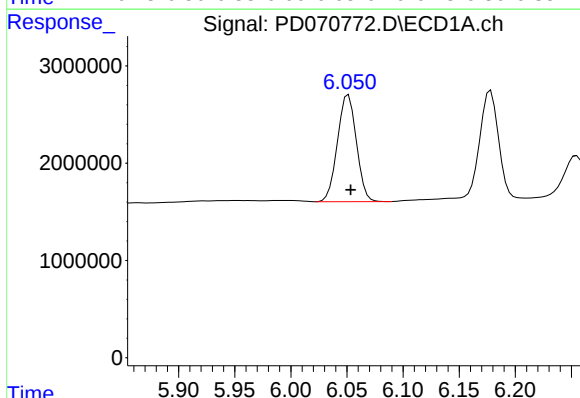
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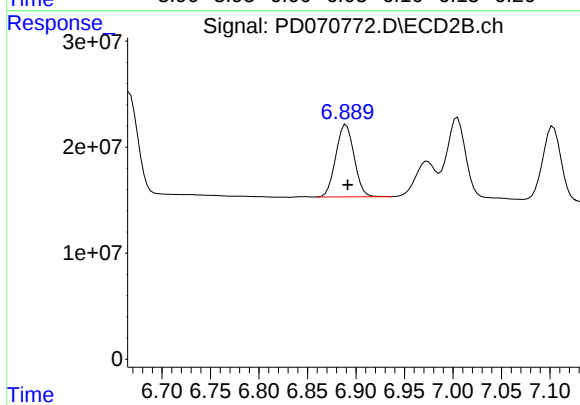
#13 Dieldrin

R.T.: 6.667 min
Delta R.T.: -0.001 min
Response: 126209406
Conc: 6.23 ng/ml



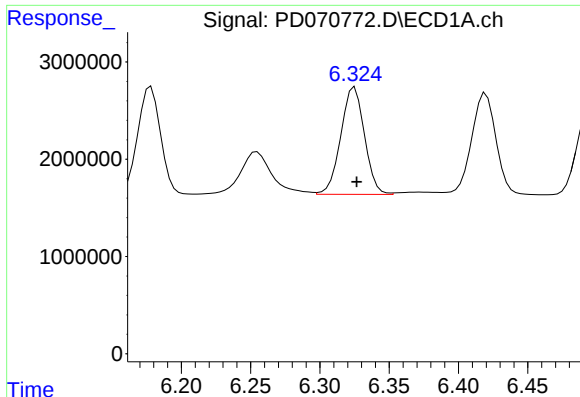
#14 Endrin

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 12931416
Conc: 4.81 ng/ml



#14 Endrin

R.T.: 6.890 min
Delta R.T.: -0.002 min
Response: 89716134
Conc: 5.83 ng/ml



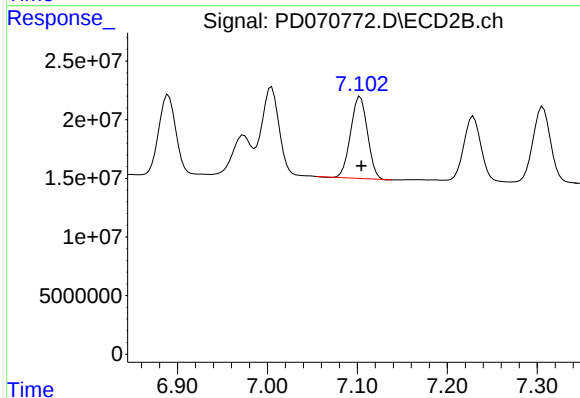
#15 Endosulfan II

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 13108935
Conc: 5.52 ng/ml

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

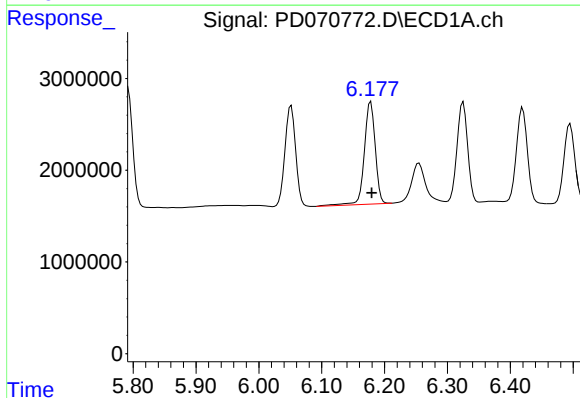
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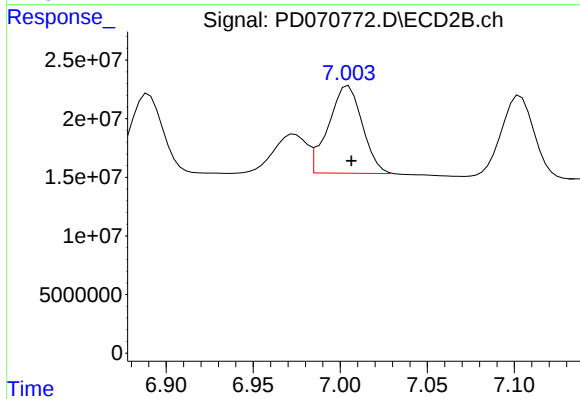
#15 Endosulfan II

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 90978294
Conc: 6.20 ng/ml



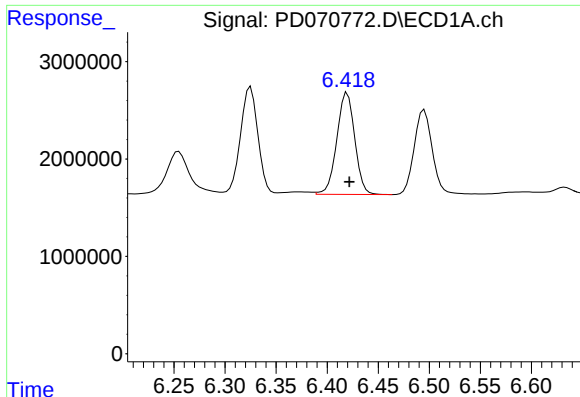
#16 4,4'-DDD

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 13449663
Conc: 5.51 ng/ml



#16 4,4'-DDD

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 99414192
Conc: 7.02 ng/ml m



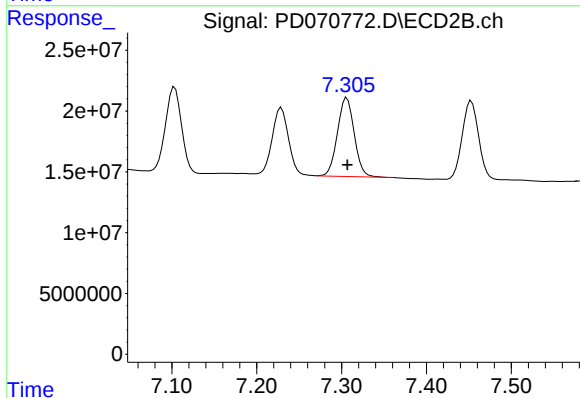
#17 4,4'-DDT

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 12801560
Conc: 5.13 ng/ml

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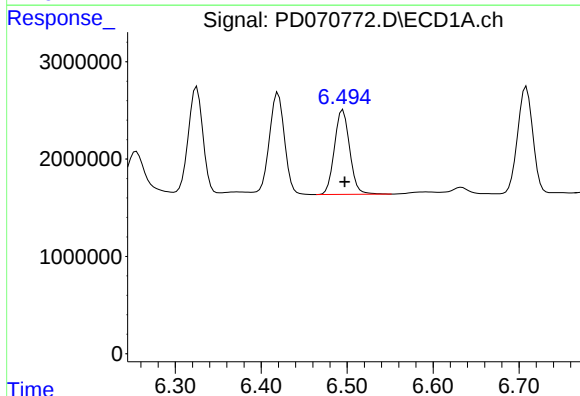
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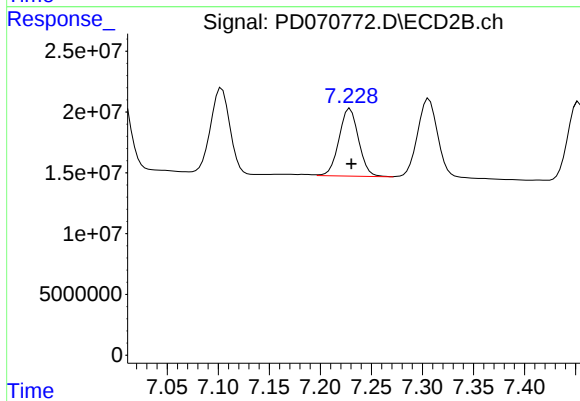
#17 4,4'-DDT

R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 88744773
Conc: 5.82 ng/ml



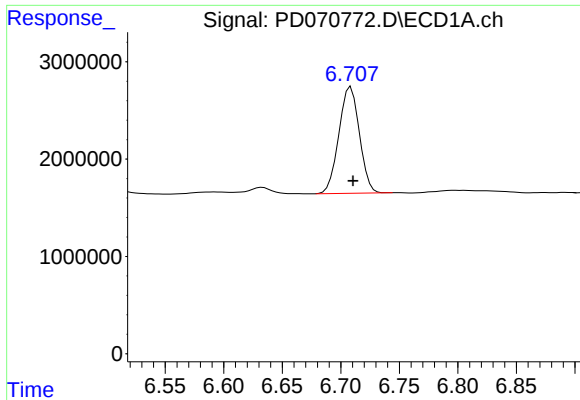
#18 Endrin aldehyde

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 10676175
Conc: 5.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.229 min
Delta R.T.: -0.001 min
Response: 74250864
Conc: 6.48 ng/ml



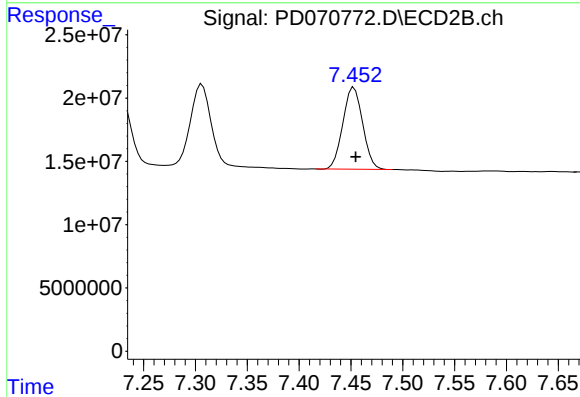
#19 Endosulfan Sulfate

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 13375317
Conc: 5.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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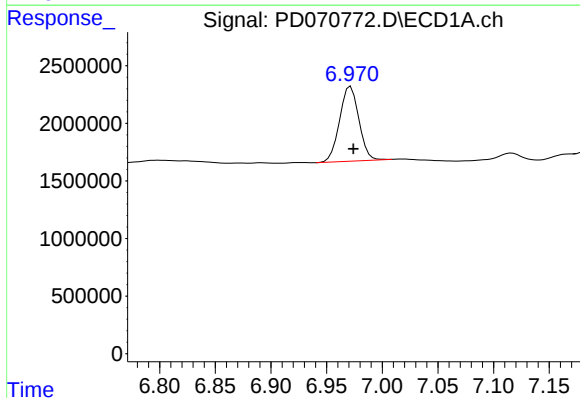
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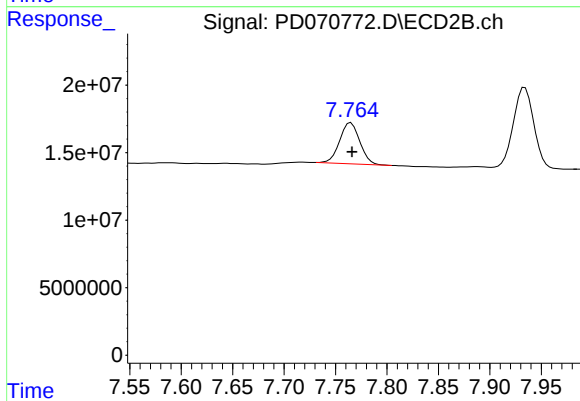
#19 Endosulfan Sulfate

R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 86043155
Conc: 6.27 ng/ml



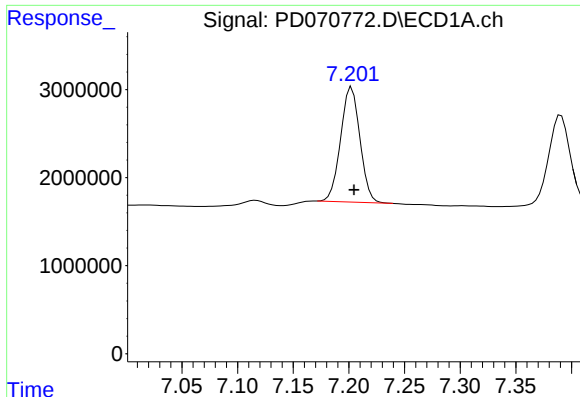
#20 Methoxychlor

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 7875813
Conc: 5.51 ng/ml



#20 Methoxychlor

R.T.: 7.765 min
Delta R.T.: -0.001 min
Response: 41334197
Conc: 6.03 ng/ml



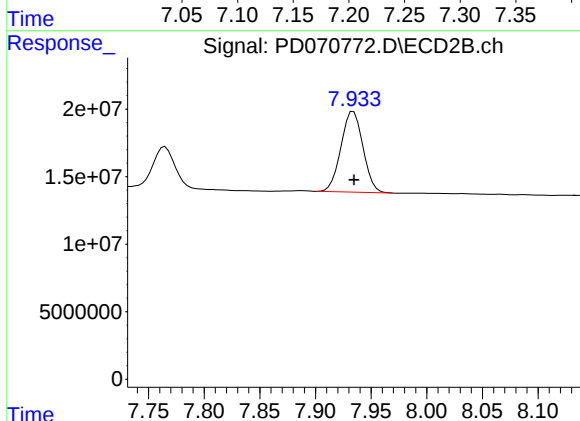
#21 Endrin ketone

R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 15761789
Conc: 5.92 ng/ml

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

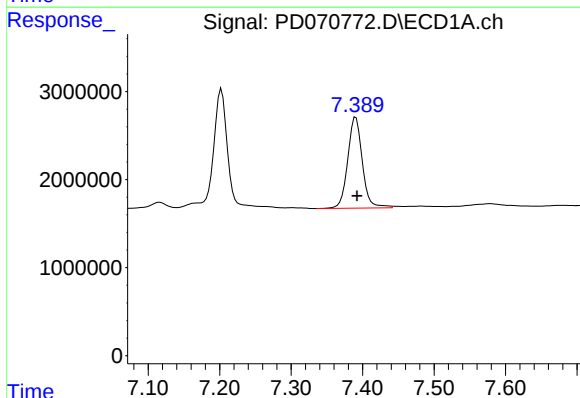
Manual Integrations
APPROVED

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



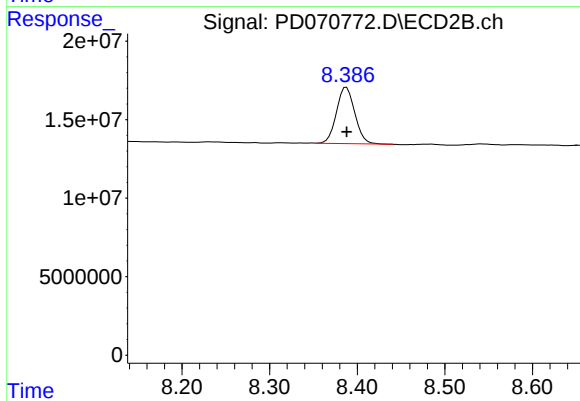
#21 Endrin ketone

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 82222097
Conc: 6.41 ng/ml



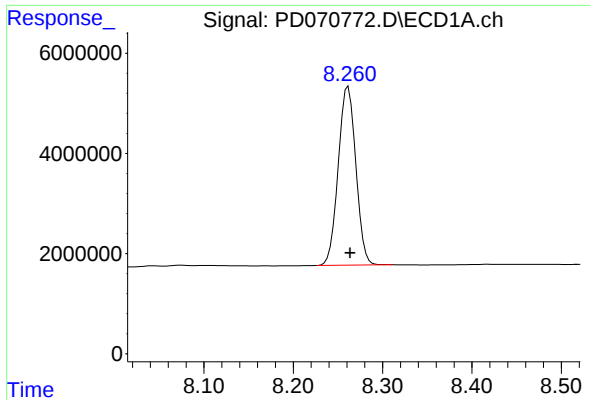
#22 Mirex

R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 14713890
Conc: 6.72 ng/ml



#22 Mirex

R.T.: 8.388 min
Delta R.T.: 0.000 min
Response: 52226296
Conc: 6.54 ng/ml



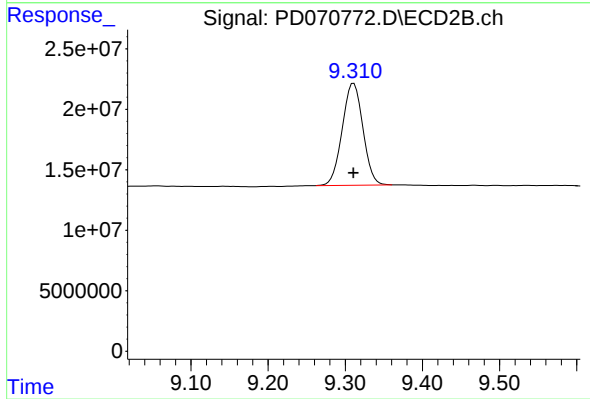
#28 Decachlorobiphenyl

R.T.: 8.261 min
Delta R.T.: -0.002 min
Response: 48855651
Conc: 19.70 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 156845230
Conc: 19.06 ng/ml