

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080522\
 Data File : PD071362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 13:49
 Operator : AR\AJ
 Sample : N3980-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 00:33:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 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...	2.815	3.574	43441935	492.7E6	15.318	17.501
28)	SA Decachlor...	8.015	9.103	46247717	193.4E6	16.675	18.680
Target Compounds							
2)	A alpha-BHC	3.325	4.040	3552198	46137286	0.847	1.243 #
3)	MA gamma-BHC...	3.658	4.376	3210715	36049972	0.803	1.204 #
4)	MA Heptachlor	4.006	4.954	3409869	28252278	0.804	1.336 #
5)	MB Aldrin	4.289	5.297	3419916	22927566	0.839m	1.298 #
6)	B beta-BHC	3.957	4.583	1517364	15969966	0.888	1.348 #
7)	B delta-BHC	4.191	4.830	3170880	26644624	0.808	1.339 #
8)	B Heptachlo...	4.797	5.728	3300369	21580897	0.901	1.651 #
9)	A Endosulfan I	5.171	6.116	3239909	17159616	0.946	1.248 #
10)	B gamma-Chl...	5.051	5.982	3553650	18652862	0.935	1.270 #
11)	B alpha-Chl...	5.115	6.060	3479277	18156356	0.936	1.252 #
12)	B 4,4'-DDE	5.306	6.233	2857336	16936803	0.835	1.185 #
13)	MA Dieldrin	5.438	6.393	3089967	18631244	0.853	1.268 #
14)	MA Endrin	5.716	6.625	2686120	12005747	0.848	0.960
15)	B Endosulfa...	6.011	6.851	2850699	16253339	0.949	1.311 #
16)	A 4,4'-DDD	5.864	6.755	2799527	13816024	0.982	1.162m
17)	MA 4,4'-DDT	6.119	7.068	2029021	12723959	0.687	0.976 #
18)	B Endrin al...	6.193	6.983	2260809	12584989	1.025	1.299 #
19)	B Endosulfa...	6.417	7.214	3353317	16924149	1.166	1.419
20)	A Methoxychlor	6.699	7.544	1423381	8595260	0.863	1.247 #
21)	B Endrin ke...	6.927	7.707	3533092	18602139	1.085	1.386 #
22)	Mirex	7.115	8.169	2770445	11787035	1.132	1.370

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080522\
Data File : PD071362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 13:49
Operator : AR\AJ
Sample : N3980-03
Misc : PEST MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

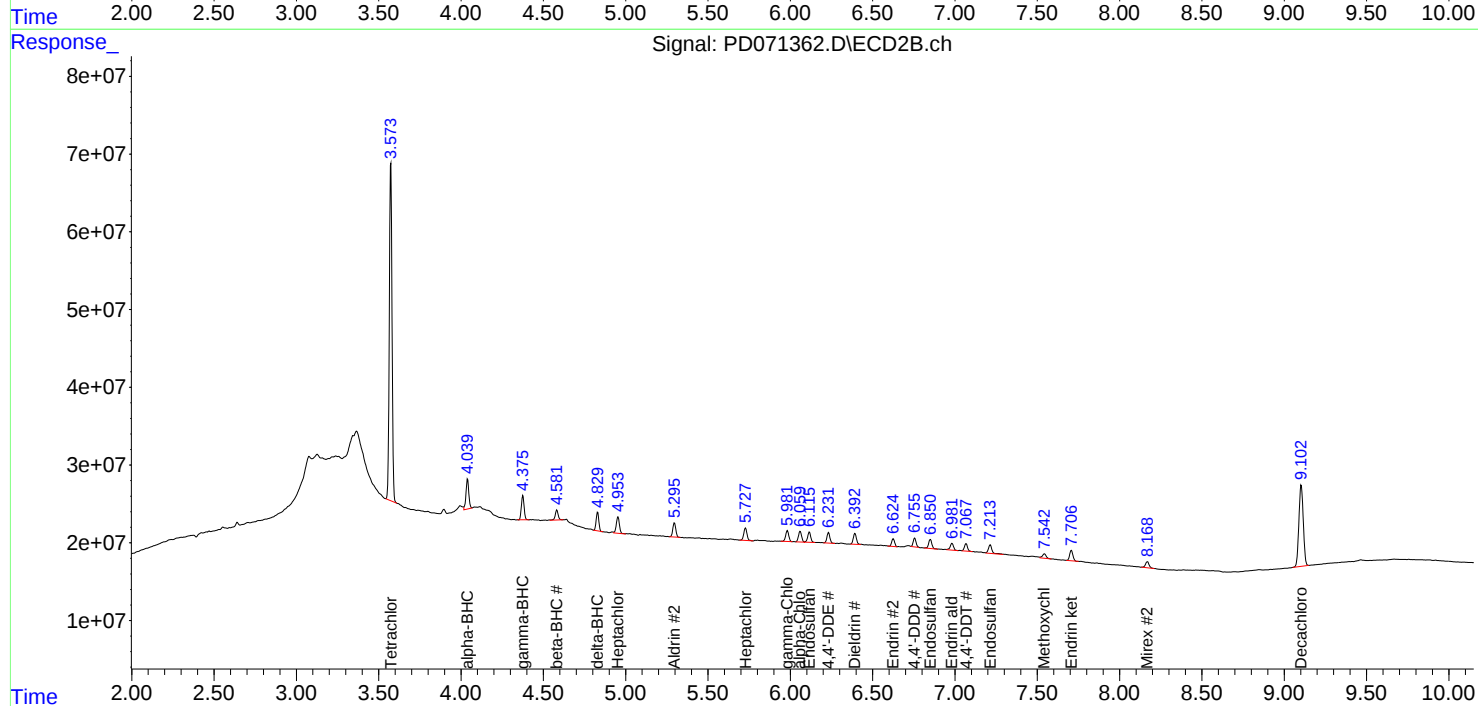
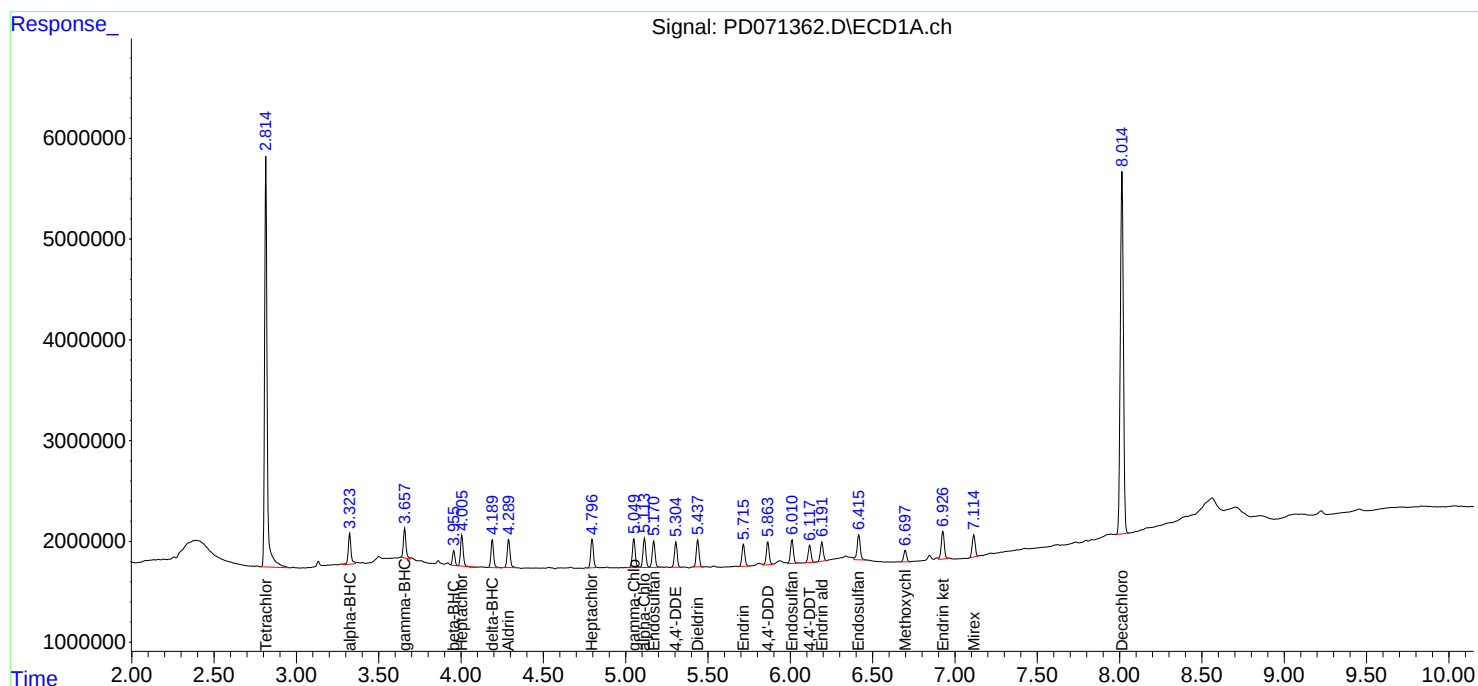
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

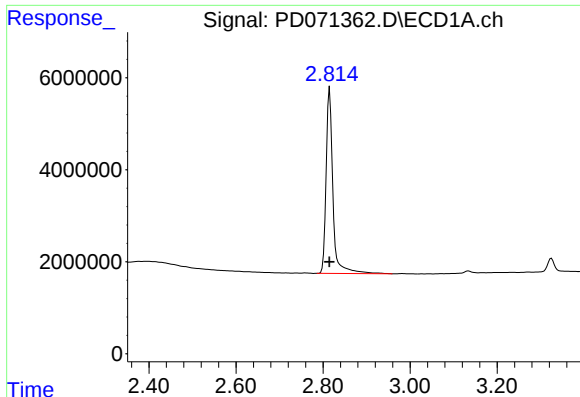
Manual Integrations
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Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 00:33:58 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 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





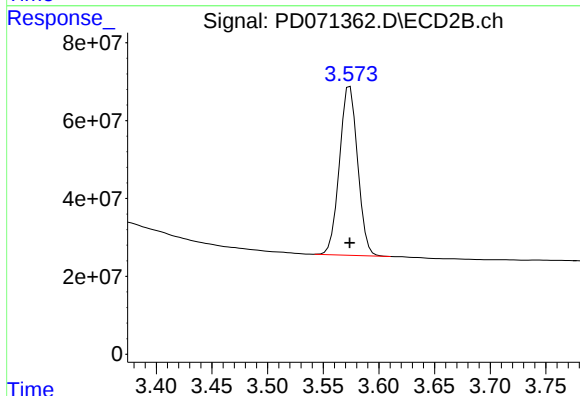
#1 Tetrachloro-m-xylene

R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 43441935
Conc: 15.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

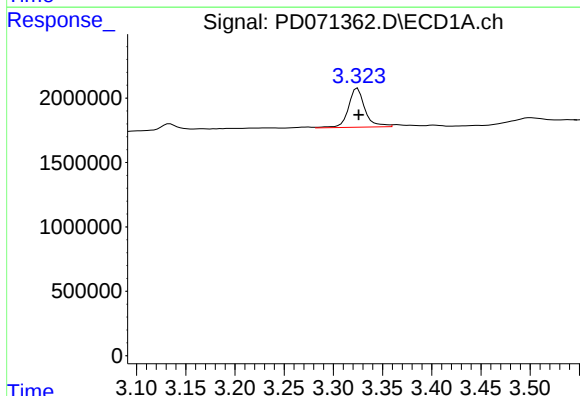
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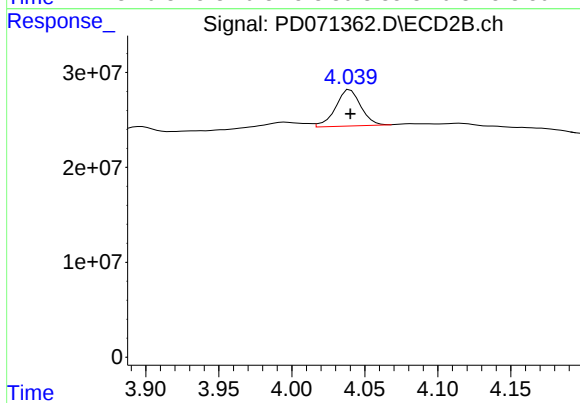
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 492660779
Conc: 17.50 ng/ml



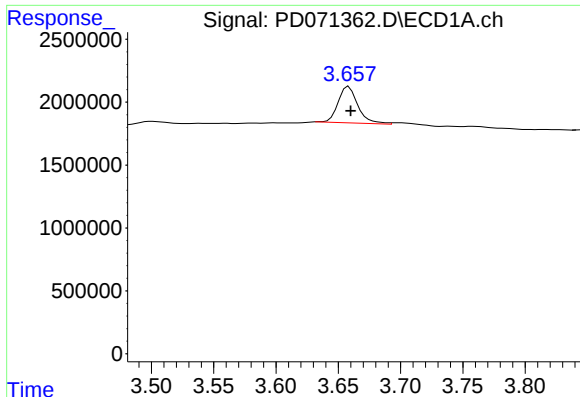
#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.001 min
Response: 3552198
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 46137286
Conc: 1.24 ng/ml



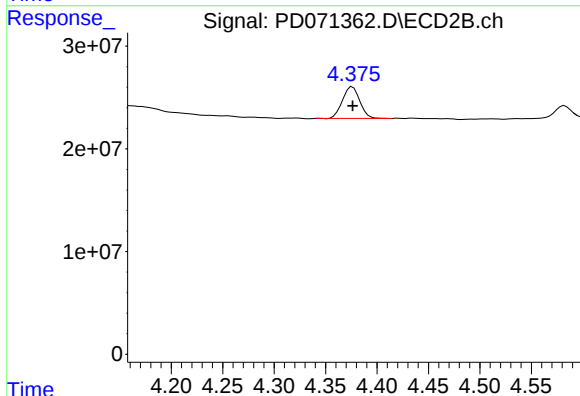
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 3210715
Conc: 0.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

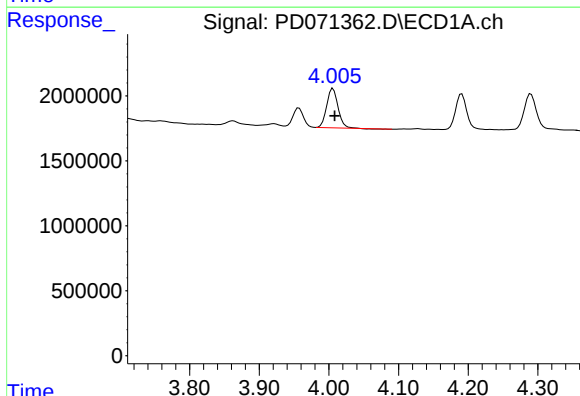
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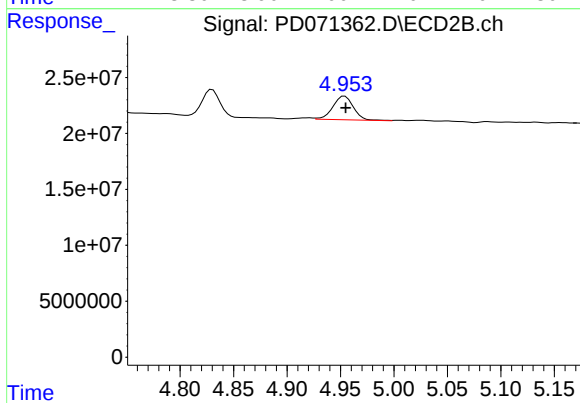
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 36049972
Conc: 1.20 ng/ml



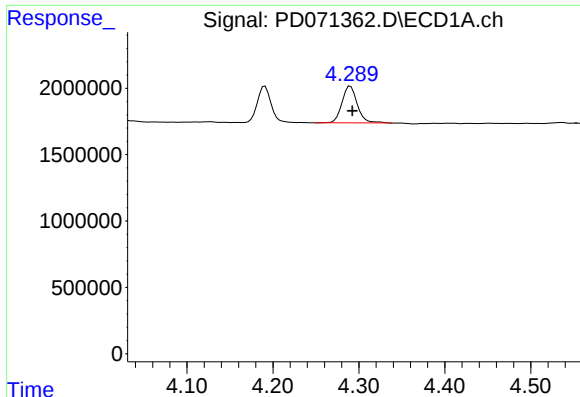
#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.003 min
Response: 3409869
Conc: 0.80 ng/ml



#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.001 min
Response: 28252278
Conc: 1.34 ng/ml



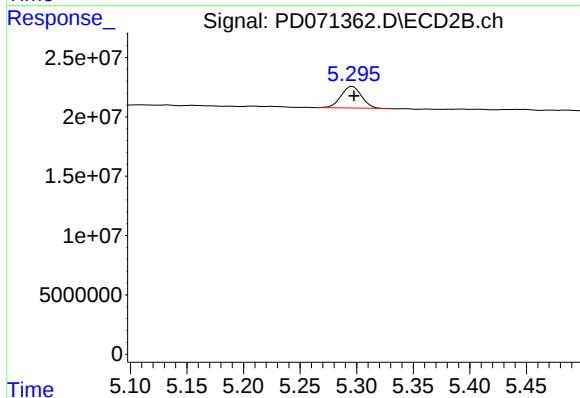
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 3419916
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

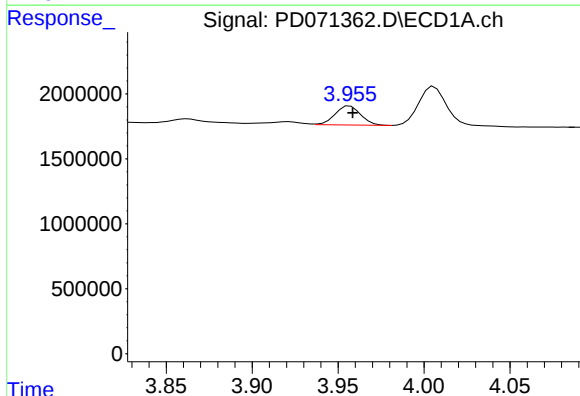
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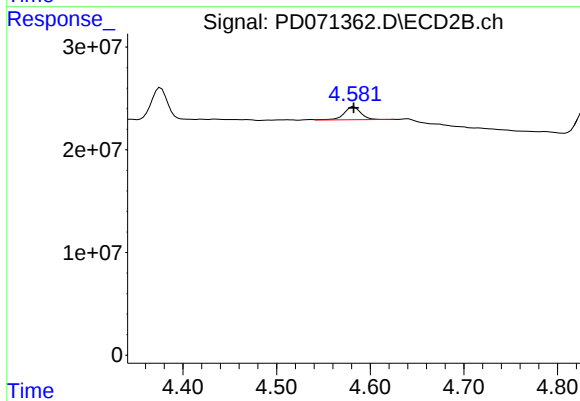
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: -0.001 min
Response: 22927566
Conc: 1.30 ng/ml



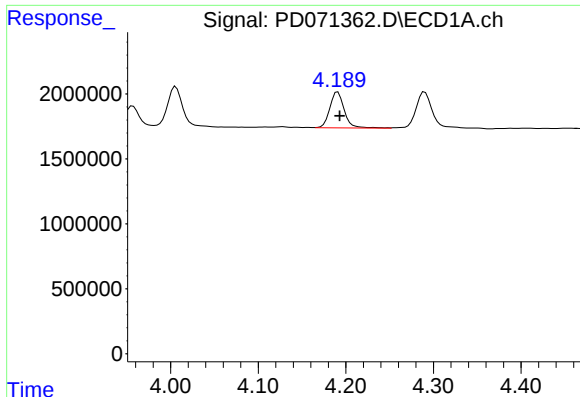
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 1517364
Conc: 0.89 ng/ml



#6 beta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 15969966
Conc: 1.35 ng/ml



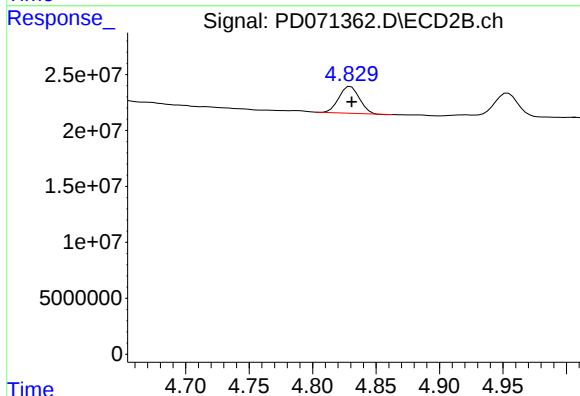
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 3170880
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

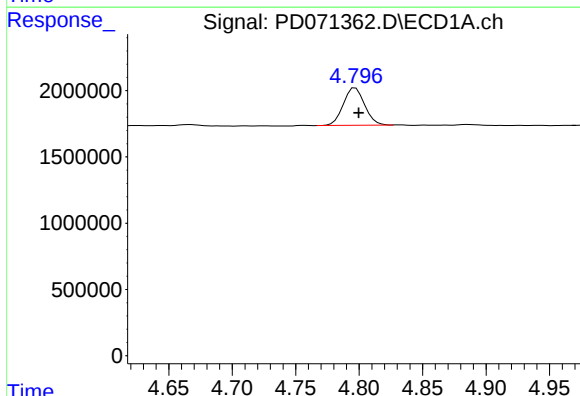
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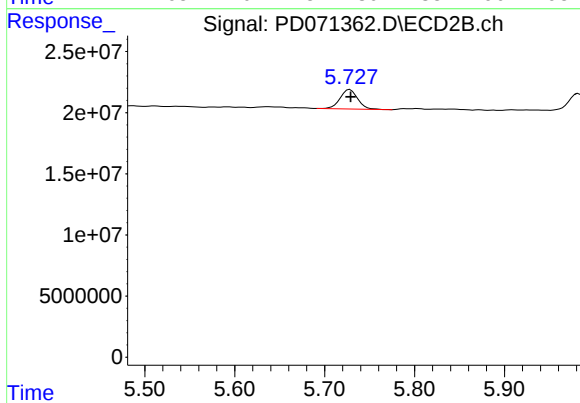
#7 delta-BHC

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 26644624
Conc: 1.34 ng/ml



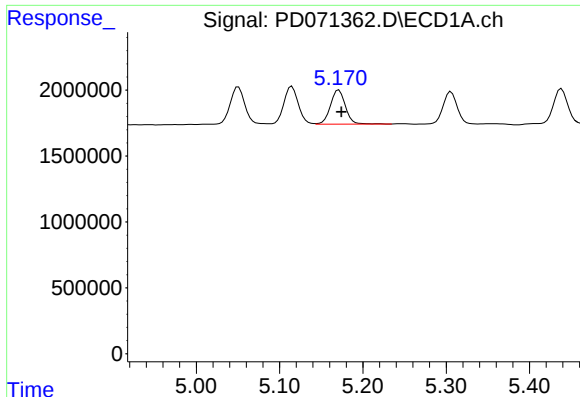
#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 3300369
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 21580897
Conc: 1.65 ng/ml



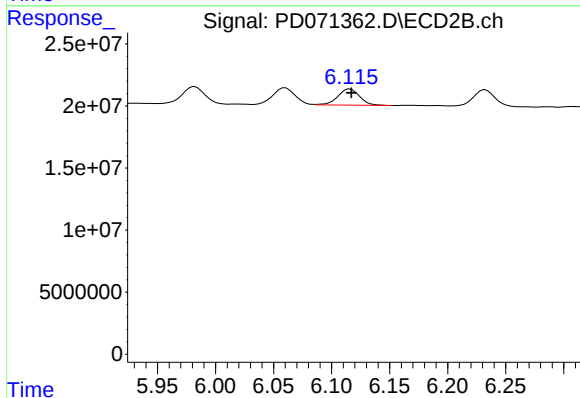
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 3239909
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

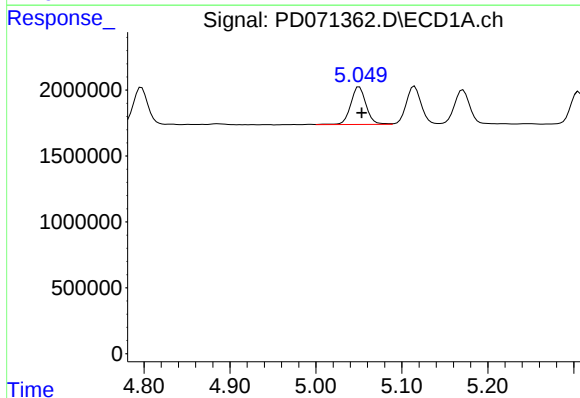
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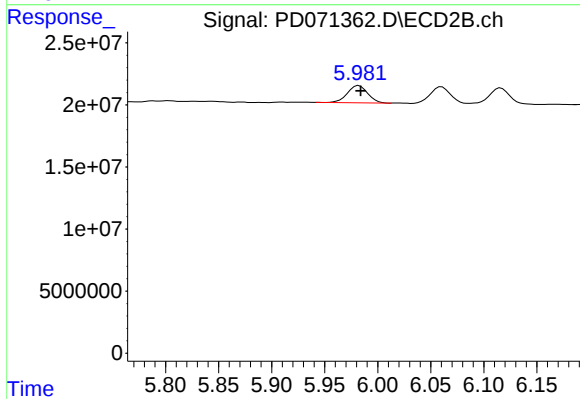
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 17159616
Conc: 1.25 ng/ml



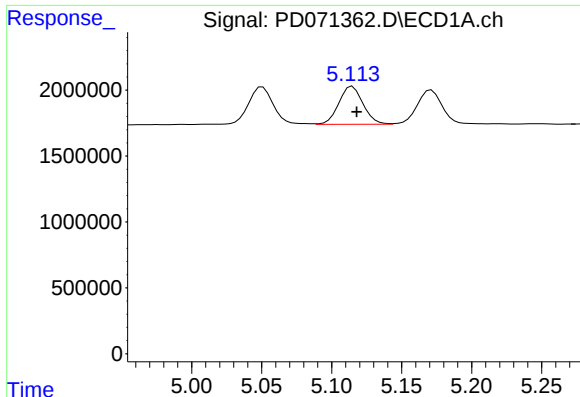
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 3553650
Conc: 0.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.001 min
Response: 18652862
Conc: 1.27 ng/ml



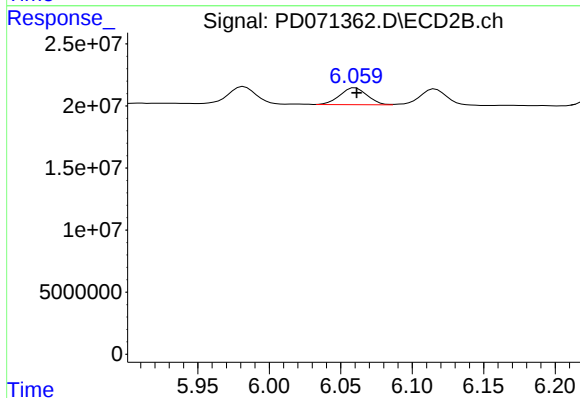
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 3479277
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

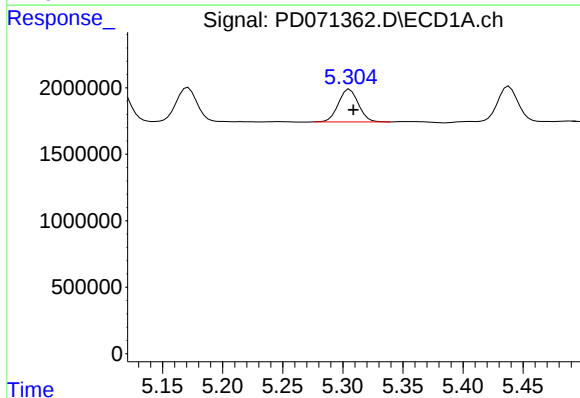
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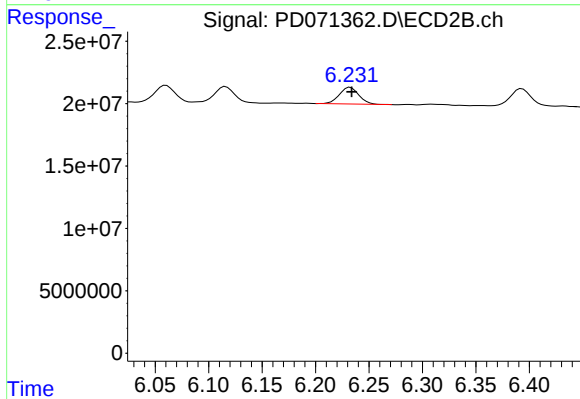
#11 alpha-Chlordane

R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 18156356
Conc: 1.25 ng/ml



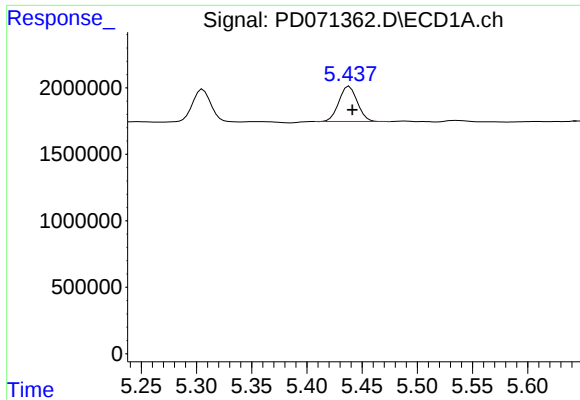
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.003 min
Response: 2857336
Conc: 0.83 ng/ml



#12 4,4'-DDE

R.T.: 6.233 min
Delta R.T.: -0.001 min
Response: 16936803
Conc: 1.18 ng/ml



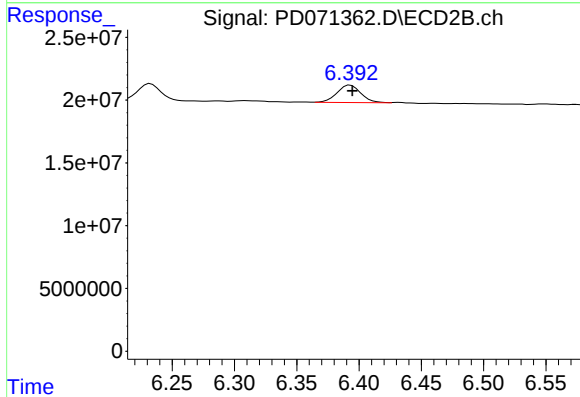
#13 Dieldrin

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 3089967
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

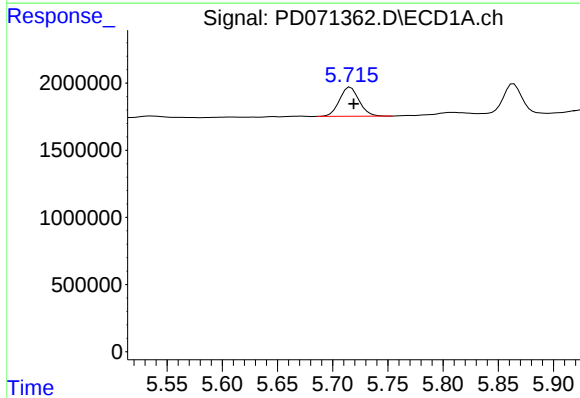
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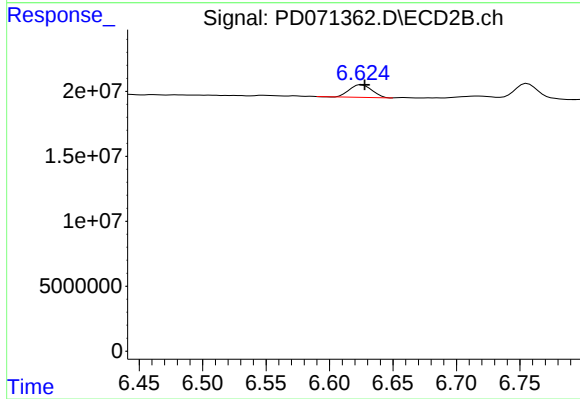
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 18631244
Conc: 1.27 ng/ml



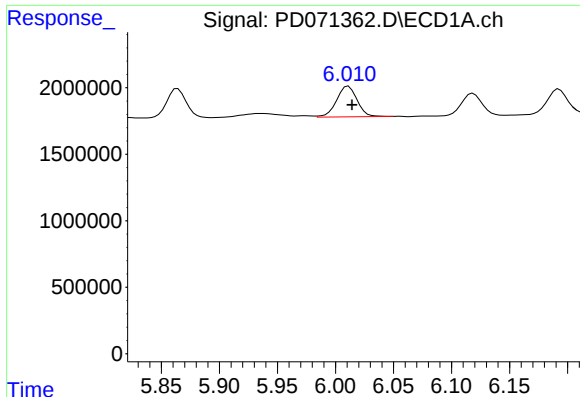
#14 Endrin

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 2686120
Conc: 0.85 ng/ml



#14 Endrin

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 12005747
Conc: 0.96 ng/ml



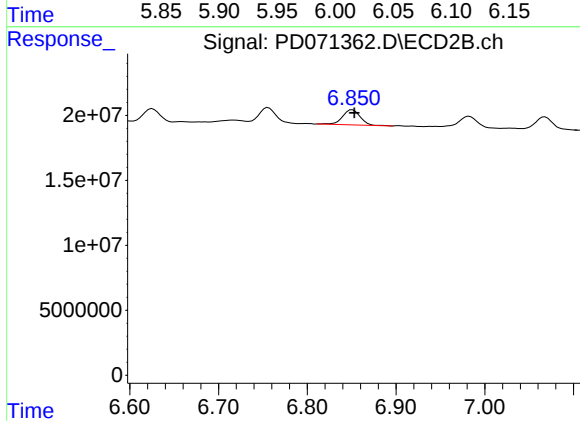
#15 Endosulfan II

R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 2850699
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

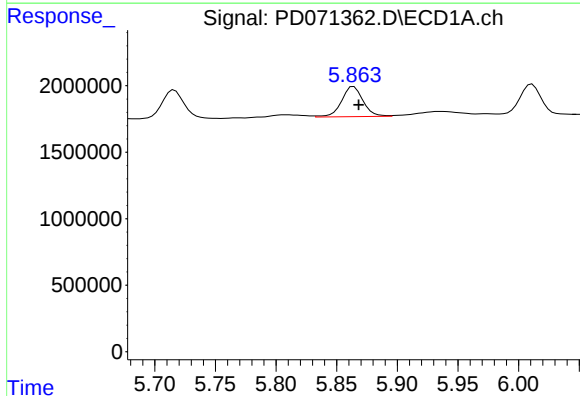
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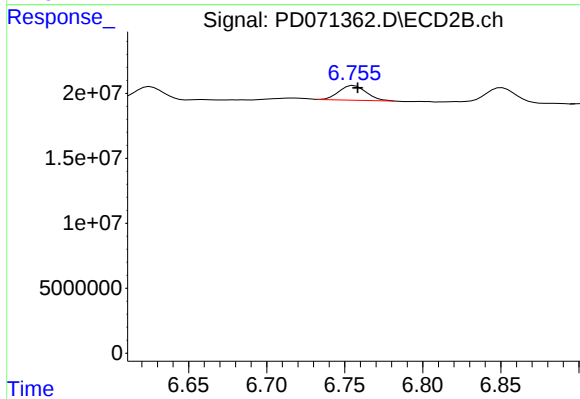
#15 Endosulfan II

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 16253339
Conc: 1.31 ng/ml



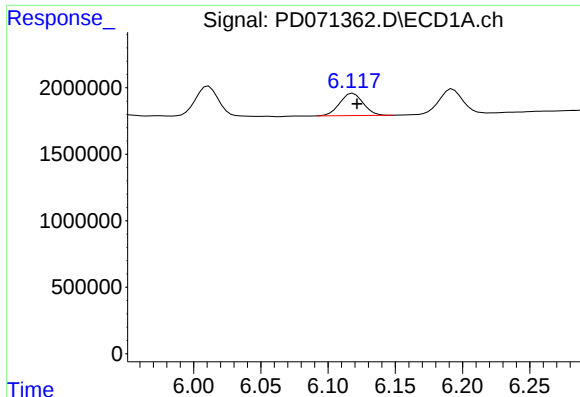
#16 4,4'-DDD

R.T.: 5.864 min
Delta R.T.: -0.004 min
Response: 2799527
Conc: 0.98 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 13816024
Conc: 1.16 ng/ml m



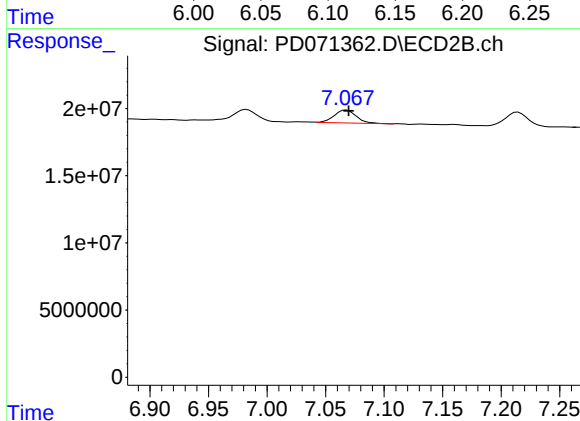
#17 4,4'-DDT

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 2029021
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

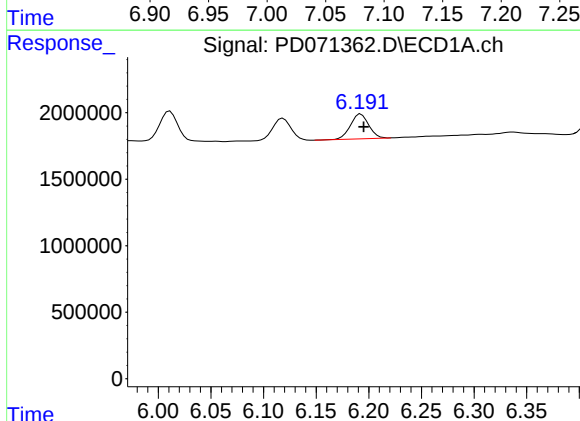
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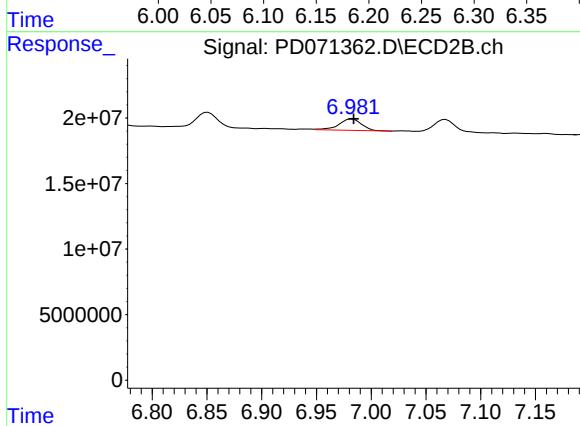
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 12723959
Conc: 0.98 ng/ml



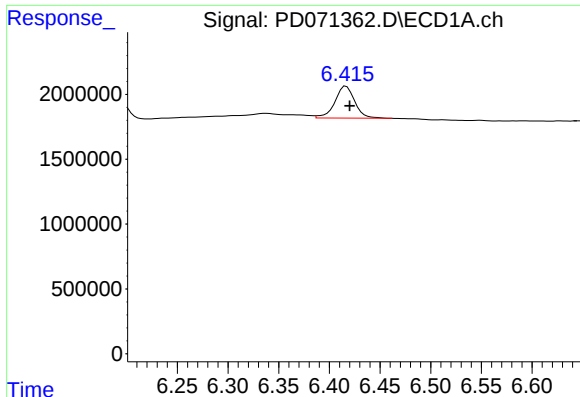
#18 Endrin aldehyde

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 2260809
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 12584989
Conc: 1.30 ng/ml



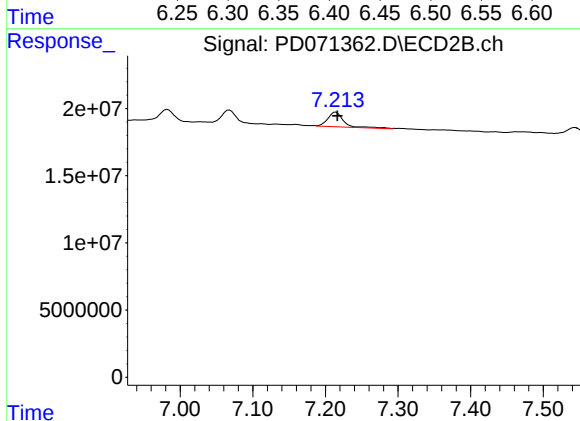
#19 Endosulfan Sulfate

R.T.: 6.417 min
Delta R.T.: -0.003 min
Response: 3353317
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

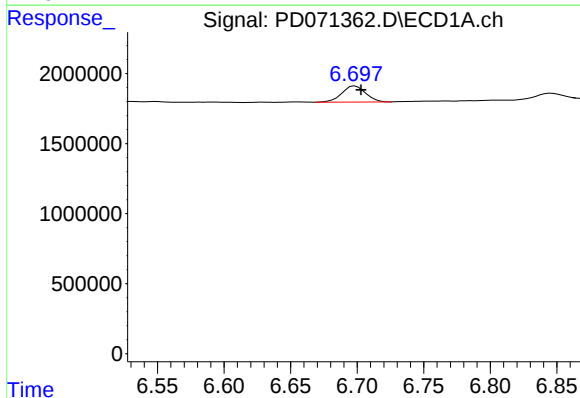
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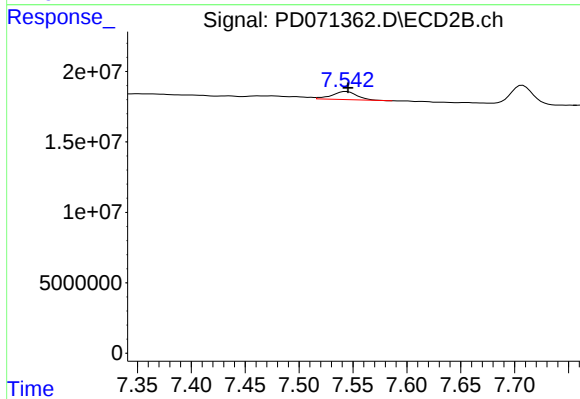
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.002 min
Response: 16924149
Conc: 1.42 ng/ml



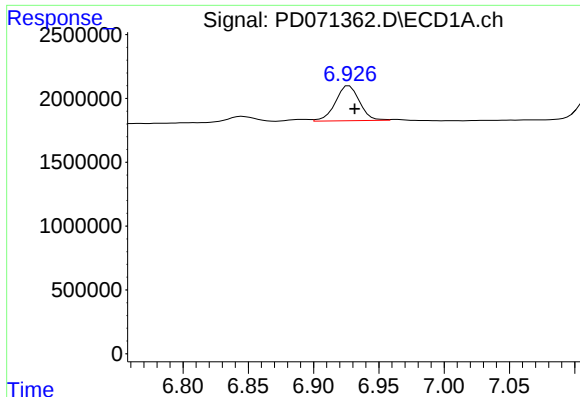
#20 Methoxychlor

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 1423381
Conc: 0.86 ng/ml



#20 Methoxychlor

R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 8595260
Conc: 1.25 ng/ml



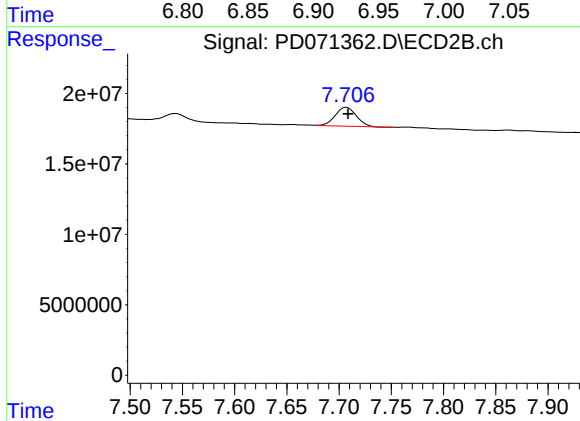
#21 Endrin ketone

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 3533092
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

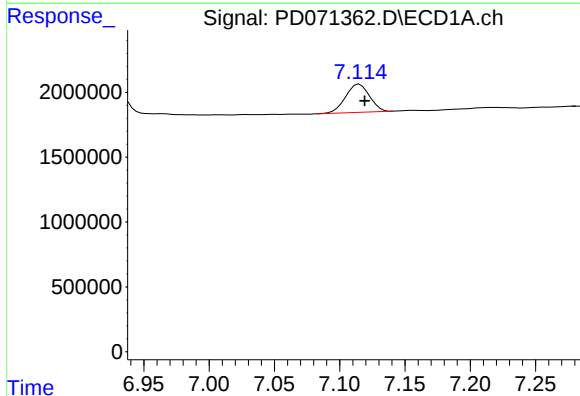
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2022
Supervised By :Ankita Jodhani 08/08/2022



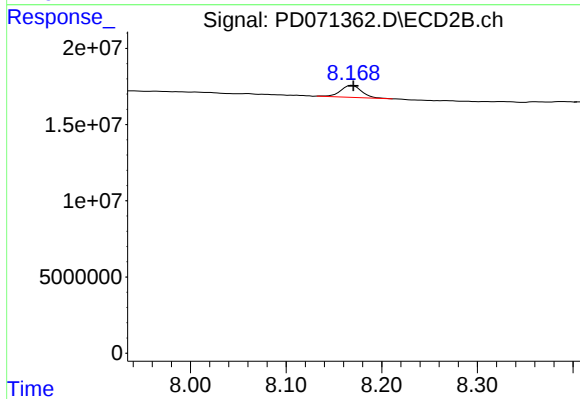
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 18602139
Conc: 1.39 ng/ml



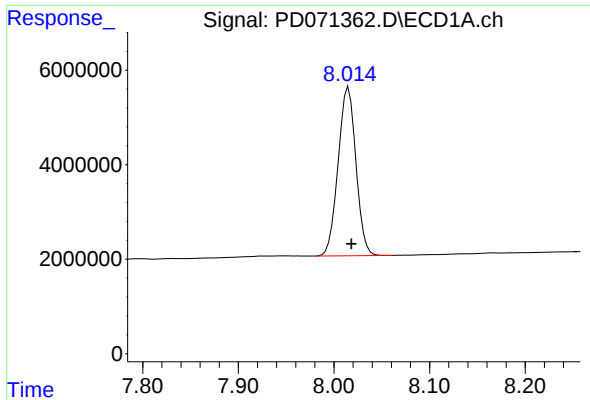
#22 Mirex

R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 2770445
Conc: 1.13 ng/ml



#22 Mirex

R.T.: 8.169 min
Delta R.T.: -0.002 min
Response: 11787035
Conc: 1.37 ng/ml



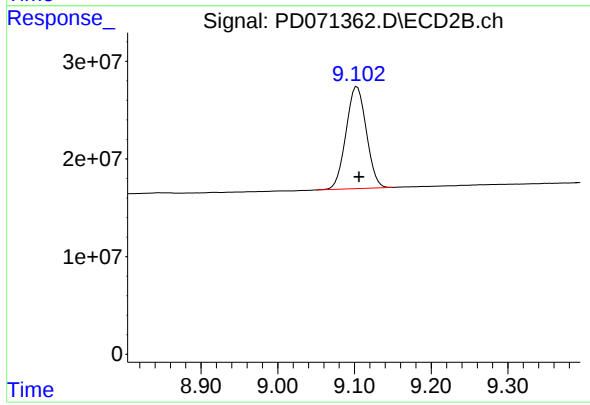
#28 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 46247717
Conc: 16.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: -0.003 min
Response: 193389279
Conc: 18.68 ng/ml