

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
 Data File : PD071453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 11:16
 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 08/10/2022
 Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:09:57 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...	2.814	3.572	42709167	515.1E6	15.060	18.299
28) SA Decachlor...	8.013	9.101	45895511	192.1E6	16.548	18.559
Target Compounds						
2) A alpha-BHC	3.323	4.038	4148766	47484875	0.989	1.279 #
3) MA gamma-BHC...	3.657	4.374	3233208	40148590	0.808	1.341 #
4) MA Heptachlor	4.004	4.952	3681238	29442821	0.868	1.393 #
5) MB Aldrin	4.288	5.295	3424419	23957484	0.840	1.357 #
6) B beta-BHC	3.956	4.581	1673127	17776414	0.979	1.501 #
7) B delta-BHC	4.189	4.829	3143897	26218787	0.801	1.317 #
8) B Heptachlo...	4.795	5.726	3469606	20428105	0.947	1.563 #
9) A Endosulfan I	5.169	6.114	3157505	18626756	0.922	1.355 #
10) B gamma-Chl...	5.049	5.981	3496157	18425296	0.920	1.255 #
11) B alpha-Chl...	5.113	6.059	3543236	19463055	0.954	1.342 #
12) B 4,4'-DDE	5.304	6.231	2876938	18917552	0.841	1.323 #
13) MA Dieldrin	5.437	6.392	3168281	19435462	0.875	1.323 #
14) MA Endrin	5.714	6.625	2954137	14956915	0.933	1.196 #
15) B Endosulfa...	6.008	6.850	2883863	16559619	0.960m	1.336 #
16) A 4,4'-DDD	5.862	6.755	2896957	15173697	1.016	1.276 #
17) MA 4,4'-DDT	6.117	7.067	1941752	12589980	0.658	0.965 #
18) B Endrin al...	6.191	6.981	2340833	12696029	1.062	1.310
19) B Endosulfa...	6.416	7.214	3161229	14657841	1.099	1.229
20) A Methoxychlor	6.697	7.543	1519427	8264010	0.921	1.199 #
21) B Endrin ke...	6.926	7.706	3297479	16543632	1.012	1.232
22) Mirex	7.113	8.168	2821650	10733366	1.153	1.248

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
Data File : PD071453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2022 11:16
Operator : AR\AJ
Sample : N3980-03
Misc : PEST MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

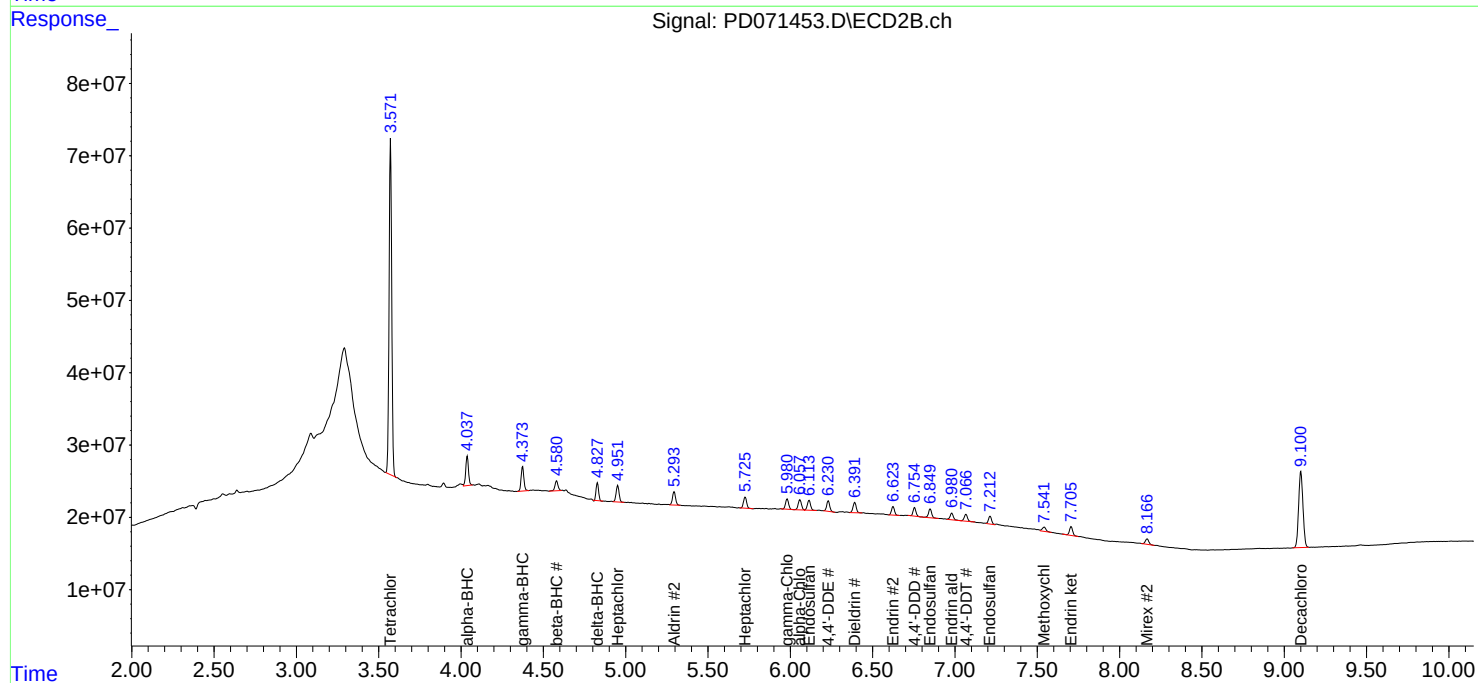
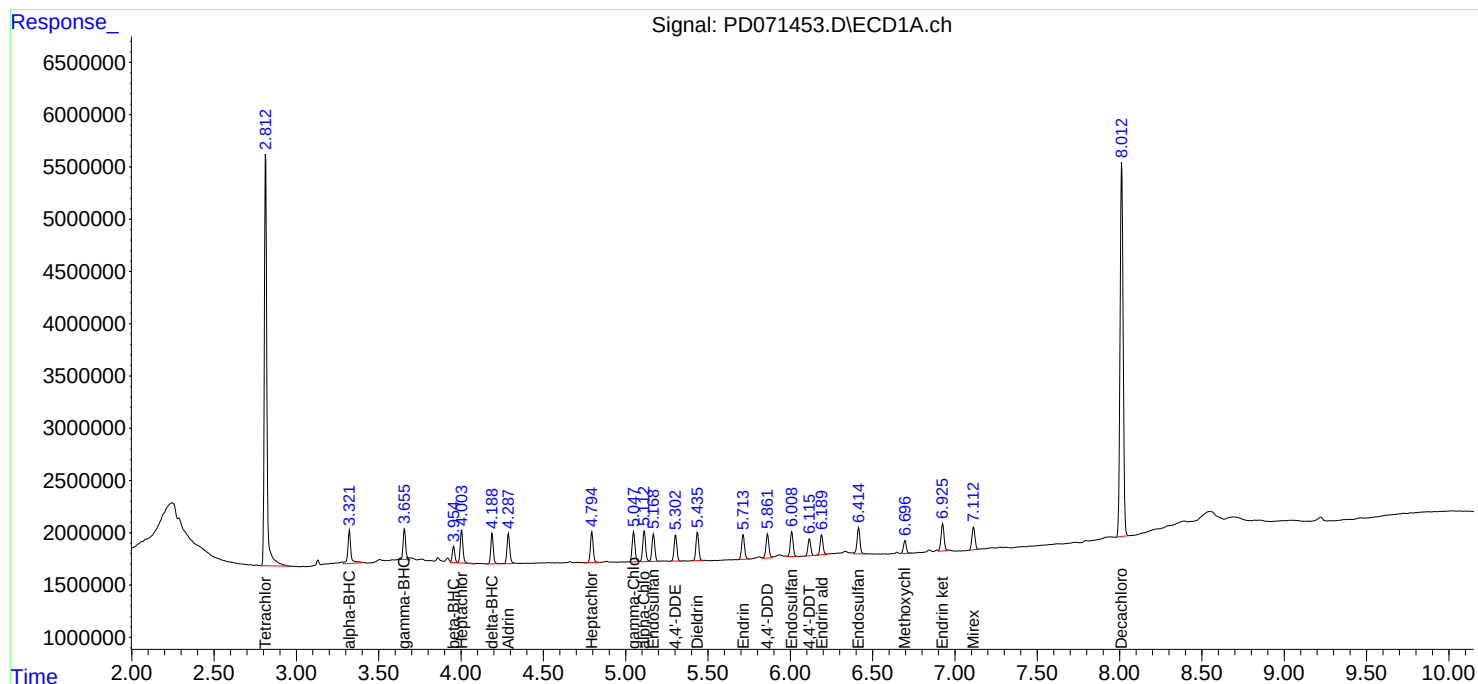
Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

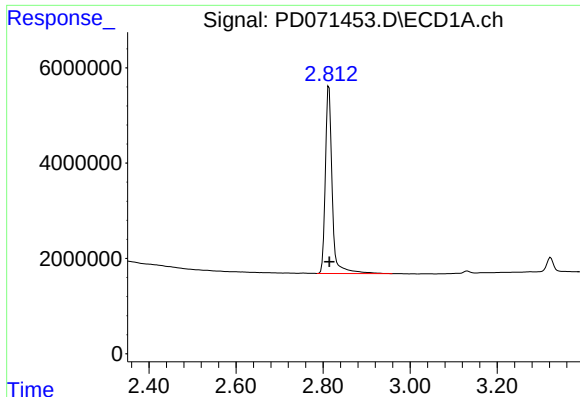
Manual Integrations
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Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 00:09:57 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





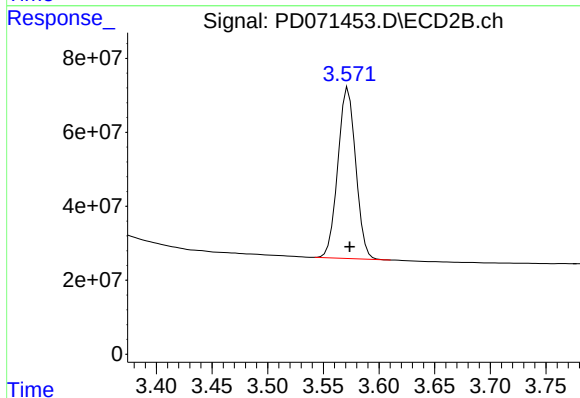
#1 Tetrachloro-m-xylene

R.T.: 2.814 min
Delta R.T.: -0.001 min
Response: 42709167
Conc: 15.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
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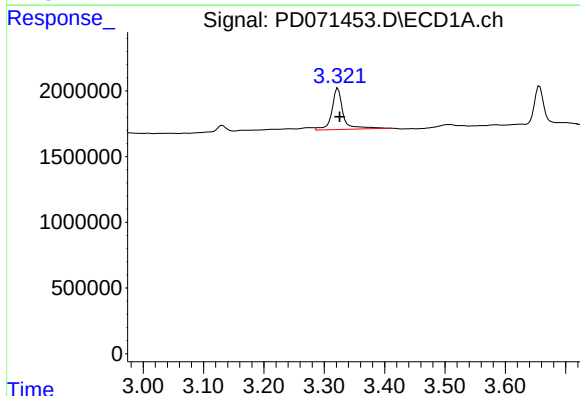
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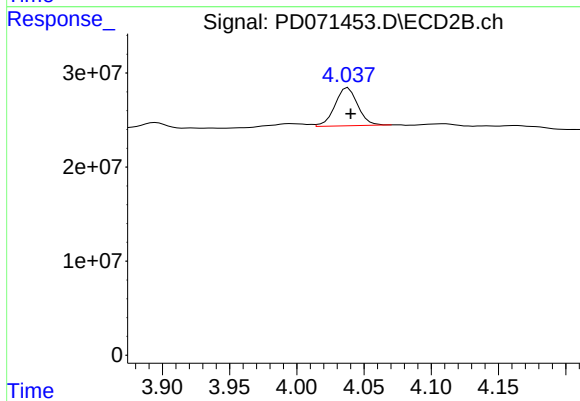
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.001 min
Response: 515113300
Conc: 18.30 ng/ml



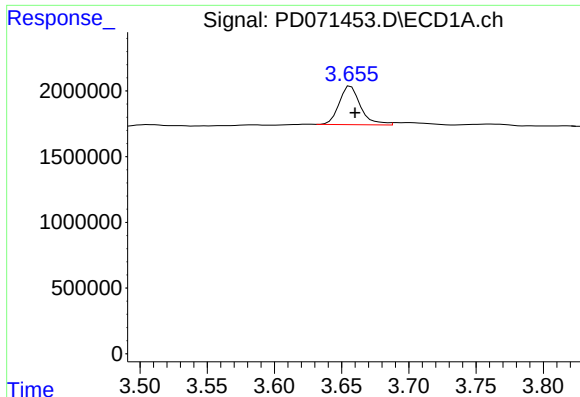
#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 4148766
Conc: 0.99 ng/ml



#2 alpha-BHC

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 47484875
Conc: 1.28 ng/ml



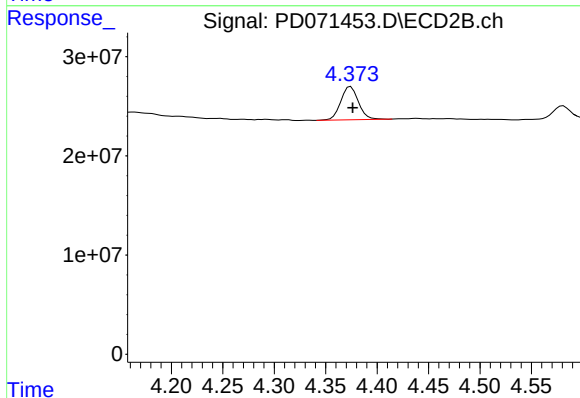
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 3233208
Conc: 0.81 ng/ml

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

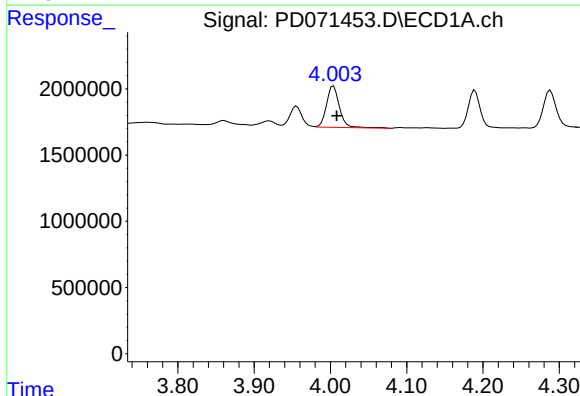
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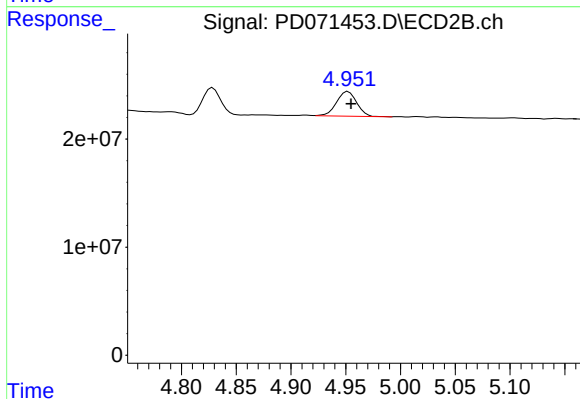
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.002 min
Response: 40148590
Conc: 1.34 ng/ml



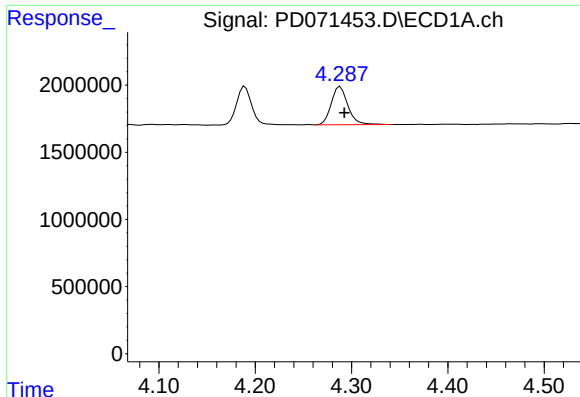
#4 Heptachlor

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 3681238
Conc: 0.87 ng/ml



#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 29442821
Conc: 1.39 ng/ml



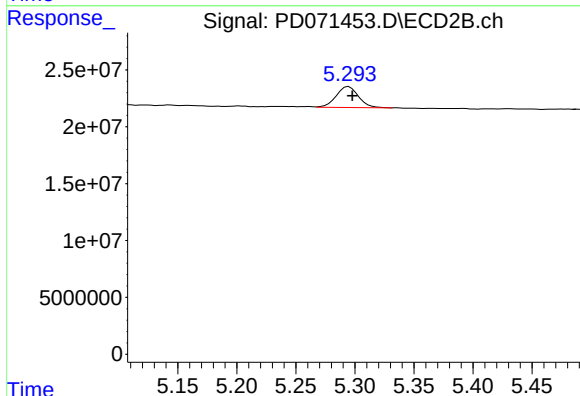
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 3424419
Conc: 0.84 ng/ml

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

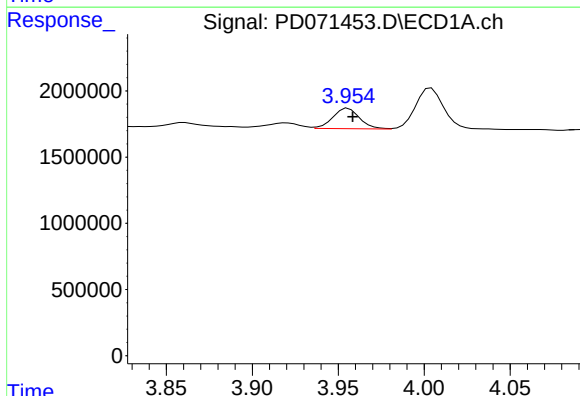
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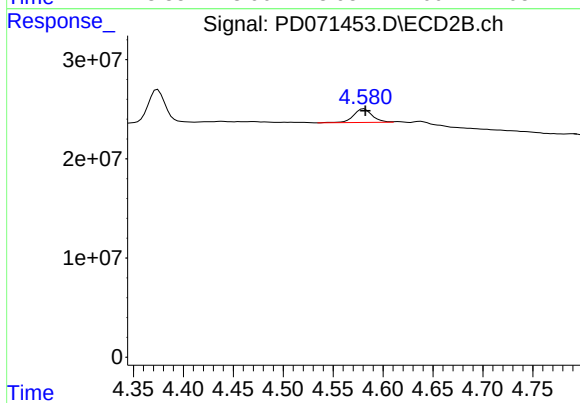
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.003 min
Response: 23957484
Conc: 1.36 ng/ml



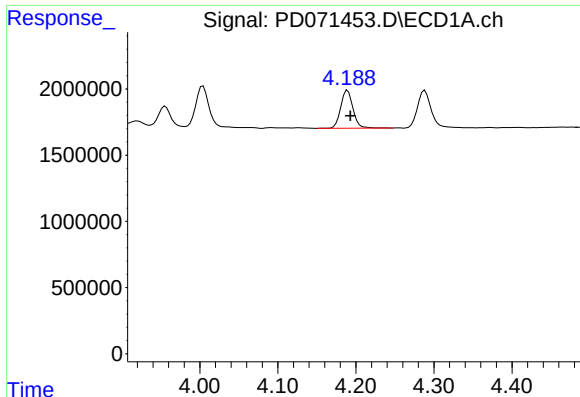
#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 1673127
Conc: 0.98 ng/ml



#6 beta-BHC

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 17776414
Conc: 1.50 ng/ml



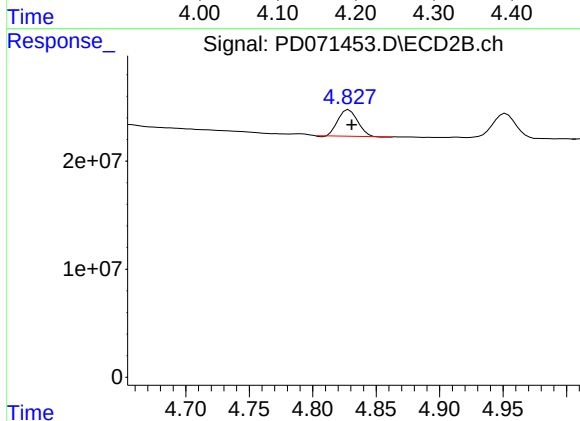
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.003 min
Response: 3143897
Conc: 0.80 ng/ml

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

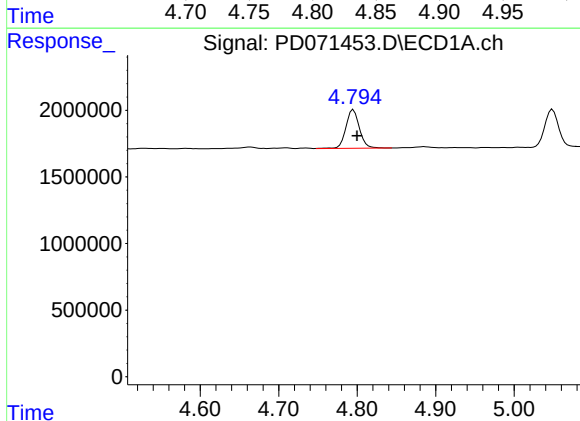
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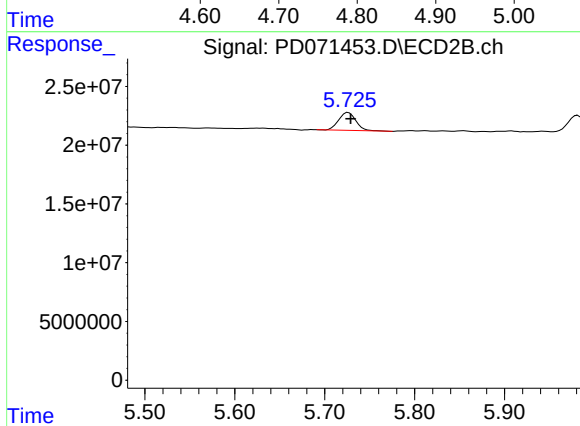
#7 delta-BHC

R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 26218787
Conc: 1.32 ng/ml



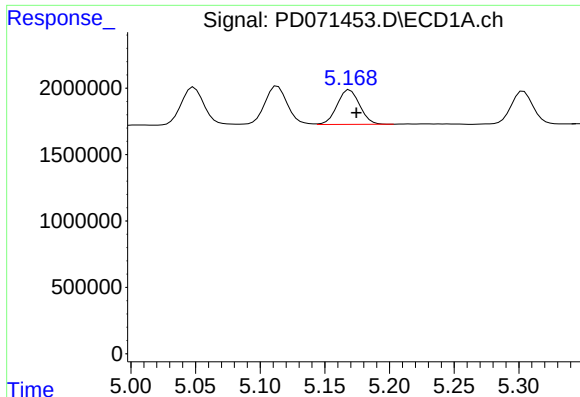
#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.005 min
Response: 3469606
Conc: 0.95 ng/ml



#8 Heptachlor epoxide

R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 20428105
Conc: 1.56 ng/ml



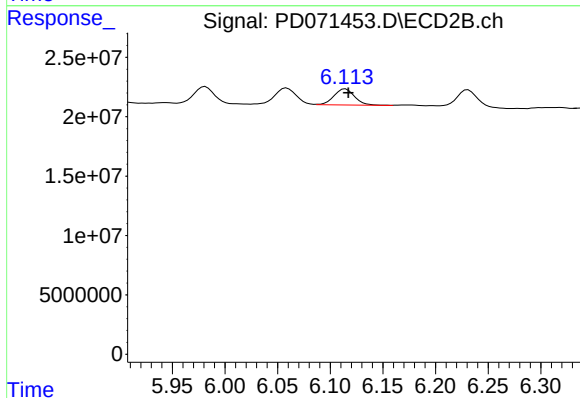
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.005 min
Response: 3157505
Conc: 0.92 ng/ml

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

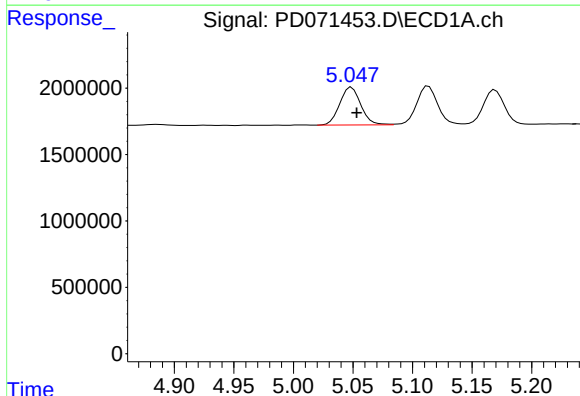
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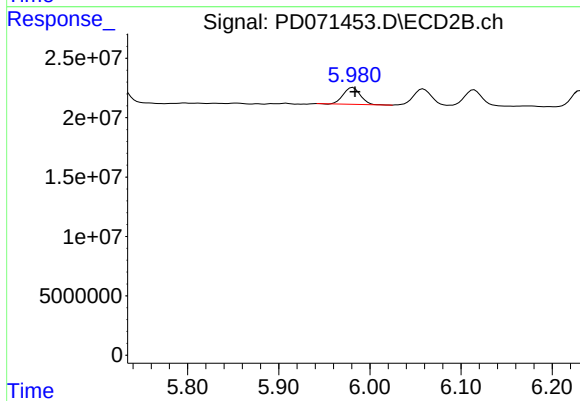
#9 Endosulfan I

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 18626756
Conc: 1.35 ng/ml



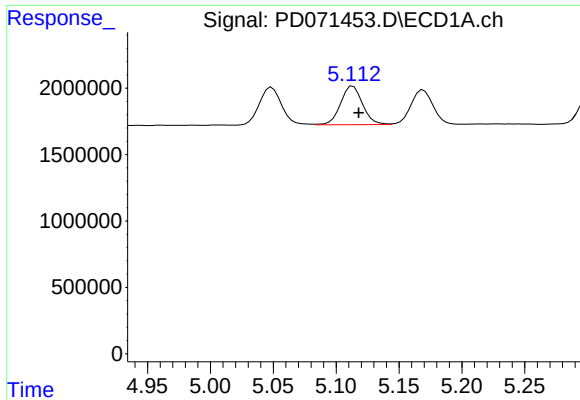
#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 3496157
Conc: 0.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.002 min
Response: 18425296
Conc: 1.25 ng/ml



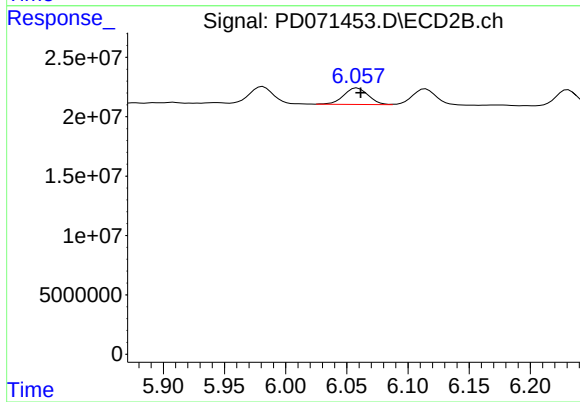
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 3543236
Conc: 0.95 ng/ml

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

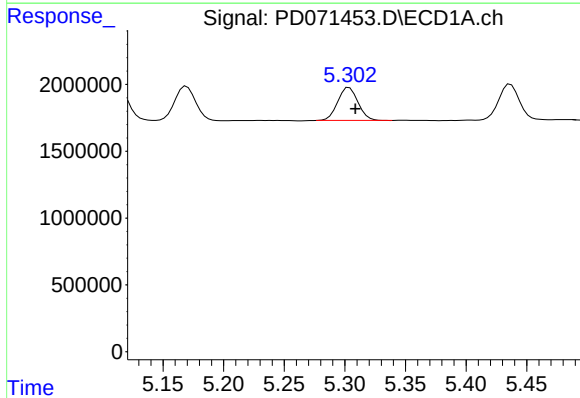
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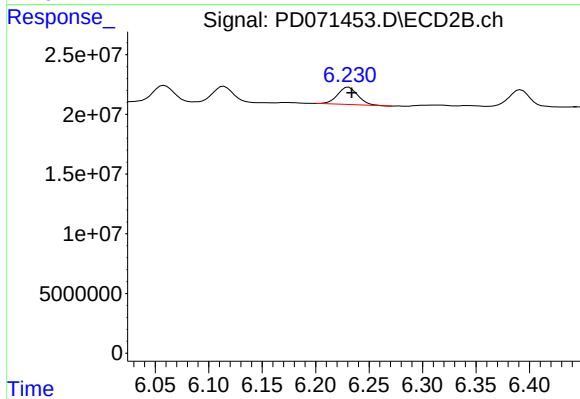
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 19463055
Conc: 1.34 ng/ml



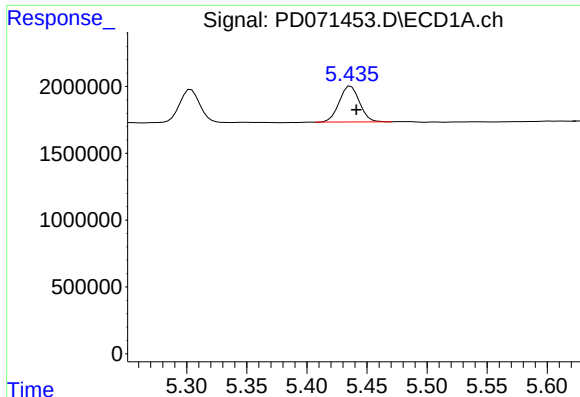
#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.005 min
Response: 2876938
Conc: 0.84 ng/ml



#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 18917552
Conc: 1.32 ng/ml



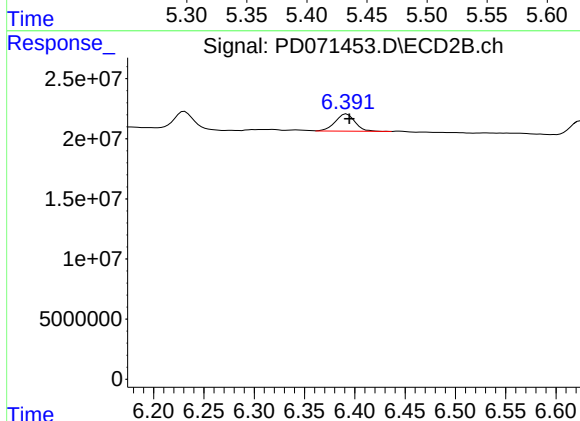
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 3168281
Conc: 0.87 ng/ml

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

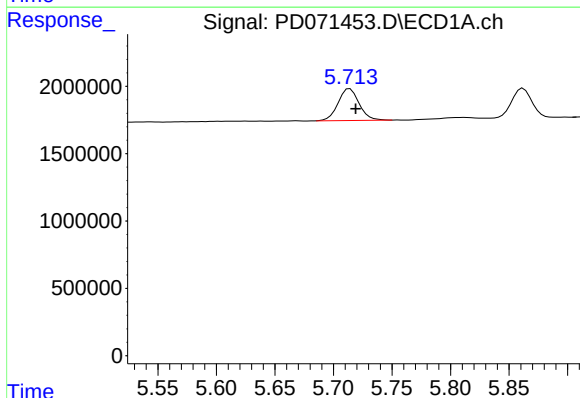
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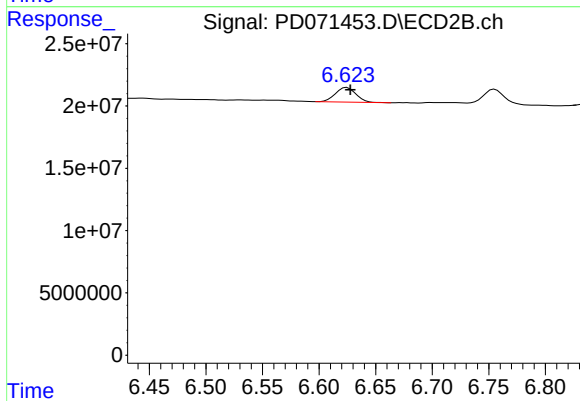
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 19435462
Conc: 1.32 ng/ml



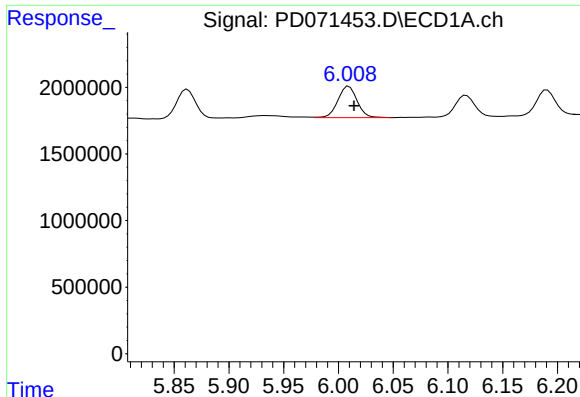
#14 Endrin

R.T.: 5.714 min
Delta R.T.: -0.005 min
Response: 2954137
Conc: 0.93 ng/ml



#14 Endrin

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 14956915
Conc: 1.20 ng/ml



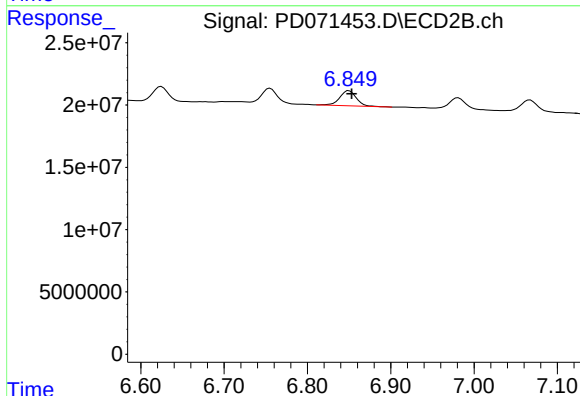
#15 Endosulfan II

R.T.: 6.008 min
Delta R.T.: -0.006 min
Response: 2883863
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
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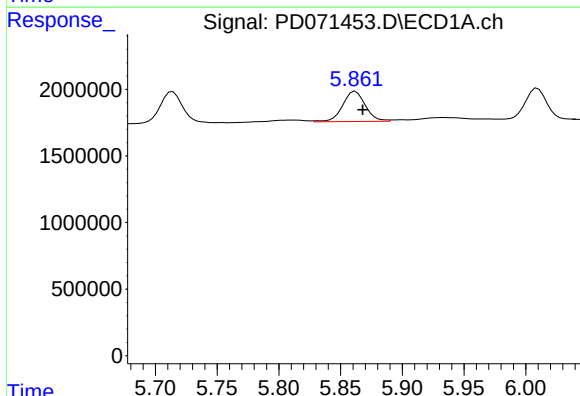
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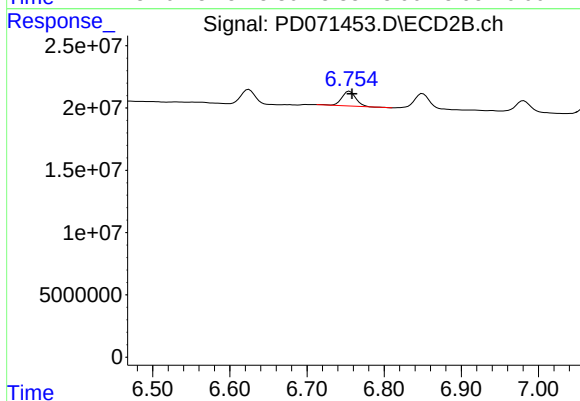
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 16559619
Conc: 1.34 ng/ml



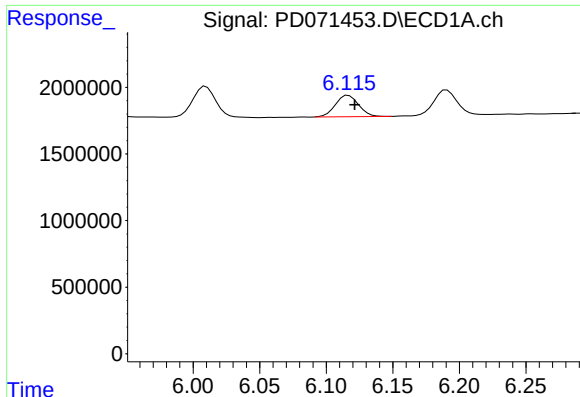
#16 4,4'-DDD

R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 2896957
Conc: 1.02 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 15173697
Conc: 1.28 ng/ml



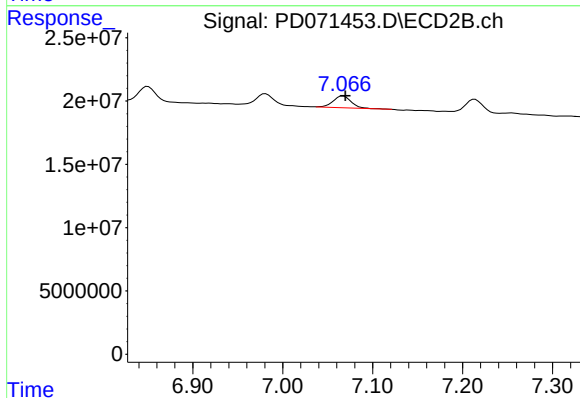
#17 4,4'-DDT

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 1941752
Conc: 0.66 ng/ml

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

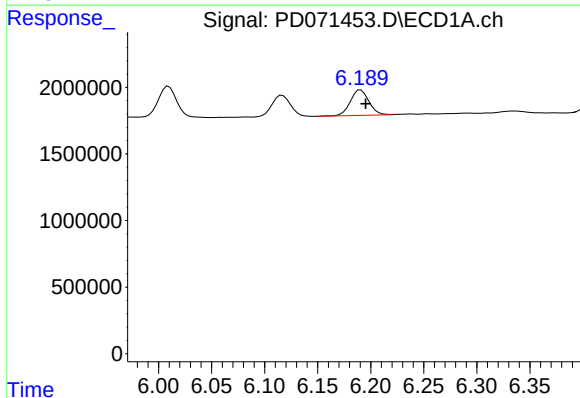
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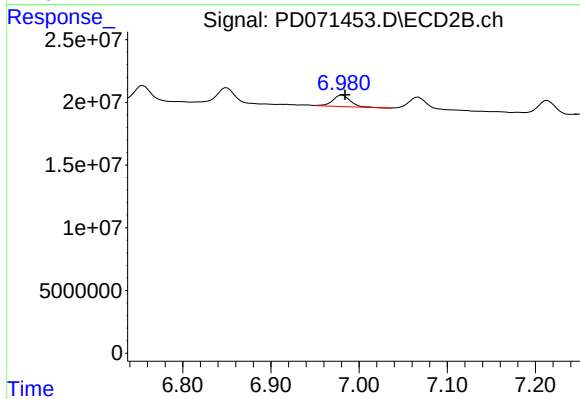
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 12589980
Conc: 0.97 ng/ml



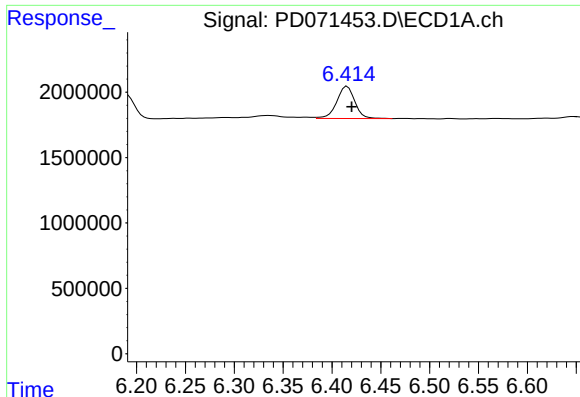
#18 Endrin aldehyde

R.T.: 6.191 min
Delta R.T.: -0.005 min
Response: 2340833
Conc: 1.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 12696029
Conc: 1.31 ng/ml



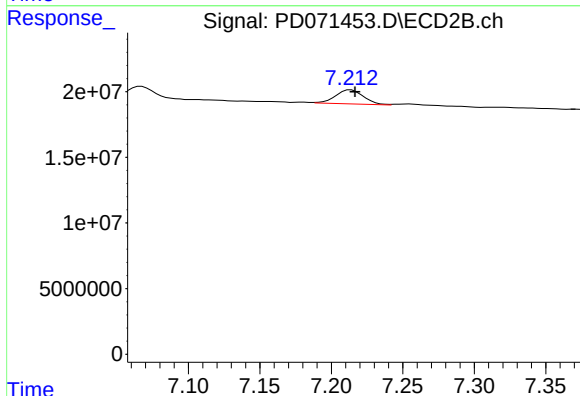
#19 Endosulfan Sulfate

R.T.: 6.416 min
Delta R.T.: -0.004 min
Response: 3161229
Conc: 1.10 ng/ml

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

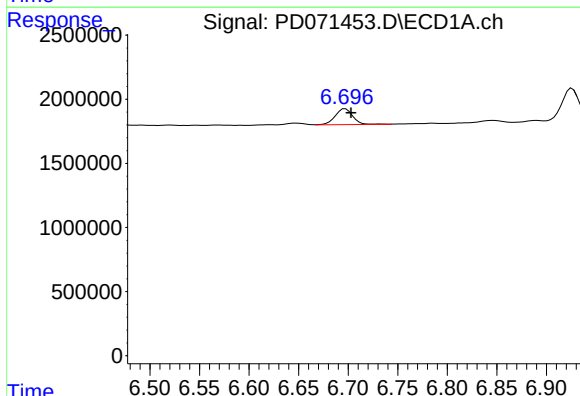
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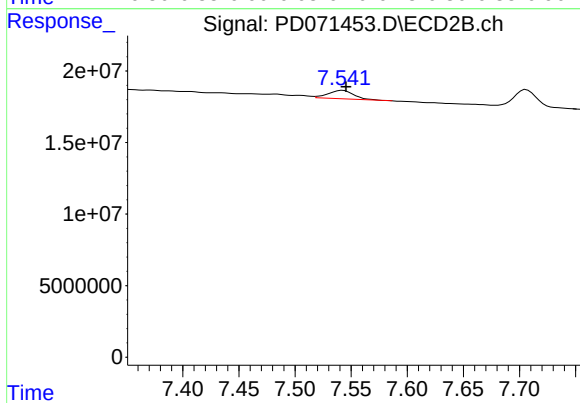
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 14657841
Conc: 1.23 ng/ml



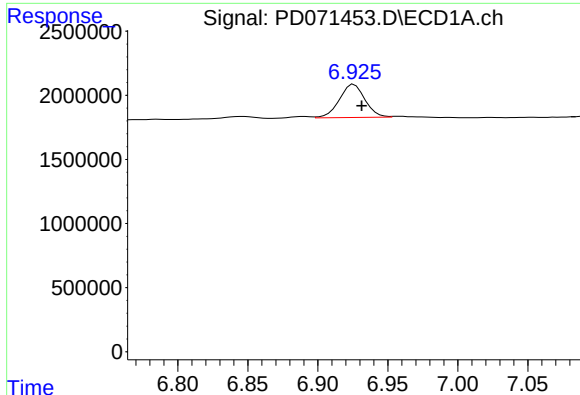
#20 Methoxychlor

R.T.: 6.697 min
Delta R.T.: -0.006 min
Response: 1519427
Conc: 0.92 ng/ml



#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: -0.003 min
Response: 8264010
Conc: 1.20 ng/ml



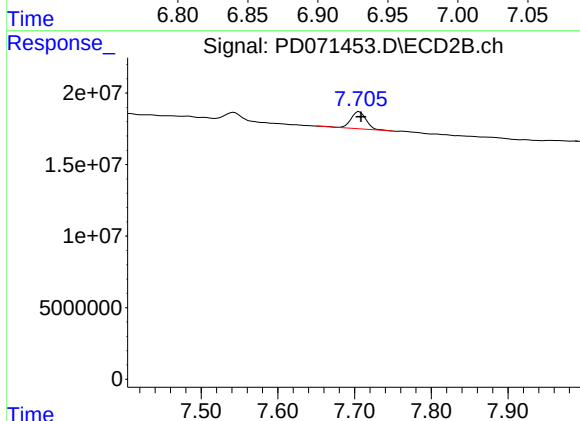
#21 Endrin ketone

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 3297479
Conc: 1.01 ng/ml

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

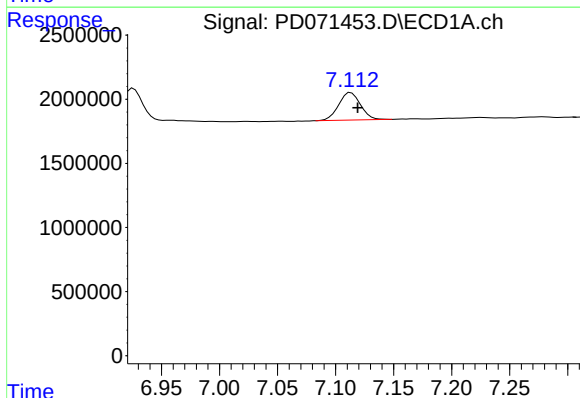
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2022
Supervised By :Ankita Jodhani 08/10/2022



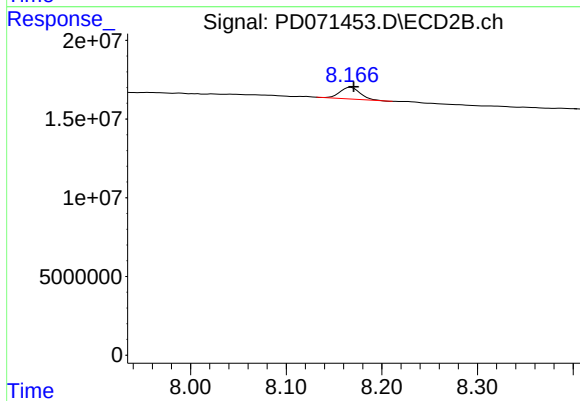
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.002 min
Response: 16543632
Conc: 1.23 ng/ml



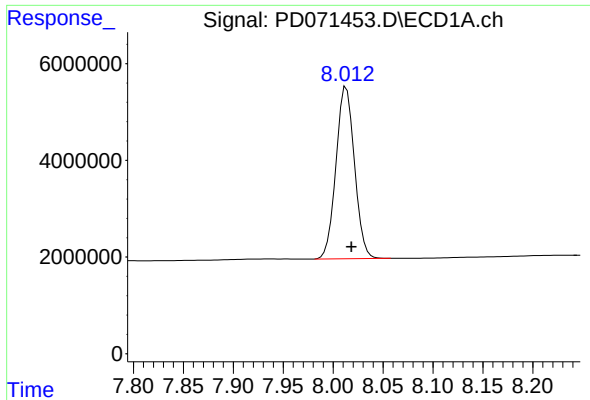
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.006 min
Response: 2821650
Conc: 1.15 ng/ml



#22 Mirex

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 10733366
Conc: 1.25 ng/ml



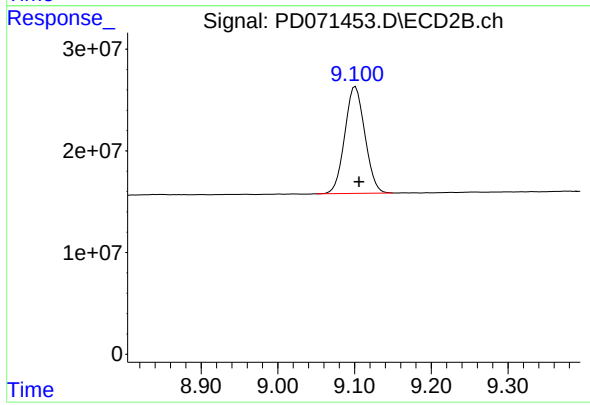
#28 Decachlorobiphenyl

R.T.: 8.013 min
Delta R.T.: -0.005 min
Response: 45895511
Conc: 16.55 ng/ml

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

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Supervised By :Ankita Jodhani 08/10/2022



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.005 min
Response: 192135619
Conc: 18.56 ng/ml