

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 09:49
 Operator : DD\AJ
 Sample : L4214-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:33:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 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...	3.507	4.024	30232687	50702437	20.361	20.657
28)	SA Decachlor...	8.308	9.108	34466193	41255828	22.292	22.782
Target Compounds							
2)	A alpha-BHC	3.949	4.415	2773918	4835503	1.148	1.262
3)	MA gamma-BHC...	4.235	4.700	3173593	3410124	1.393	0.972 #
4)	MA Heptachlor	4.543	5.211	2569242	3837398	1.083	1.125m
5)	MB Aldrin	4.795	5.519	2444534	4355615	1.096	1.386 #
6)	B beta-BHC	4.485	4.868	1372459	1588090	1.460	1.084 #
7)	B delta-BHC	4.694	5.086	2369421	2507560	1.072	0.878m
8)	B Heptachlo...	5.241	5.904	2561409	3365380	1.249	1.226
9)	A Endosulfan I	5.584	6.263	2186292	3097239	1.154	1.160
10)	B gamma-Chl...	5.471	6.139	3117595	3170183	1.511	1.085 #
11)	B alpha-Chl...	5.529	6.212	2524617	3278700	1.233	1.128
12)	B 4,4'-DDE	5.694	6.367	2361959	3004578	1.165	1.096
13)	MA Dieldrin	5.829	6.520	2286118	3309653	1.113	1.153
14)	MA Endrin	6.088	6.739	2287700	2573538	1.245	1.040
15)	B Endosulfa...	6.363	6.945	2364463	3345401	1.251	1.289m
16)	A 4,4'-DDD	6.214	6.856	2093683	2825812	1.253	1.221m
17)	MA 4,4'-DDT	6.457	7.157	1962841	2723447	1.094	1.150
18)	B Endrin al...	6.532	7.069	1821156	2591963	1.254	1.254m
19)	B Endosulfa...	6.747	7.293	2135830	2908200	1.321	1.264
20)	A Methoxychlor	7.008	7.614	736998	1478006	0.778	1.161 #
21)	B Endrin ke...	7.241	7.766	2294841	3260742	1.224	1.312
22)	Mirex	7.437	8.222	2557808	1935685	1.785	1.184 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
Data File : PD059836.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 09:49
Operator : DD\AJ
Sample : L4214-01
Misc : PEST LOD 1 PPB
ALS Vial : 8 Sample Multiplier: 1

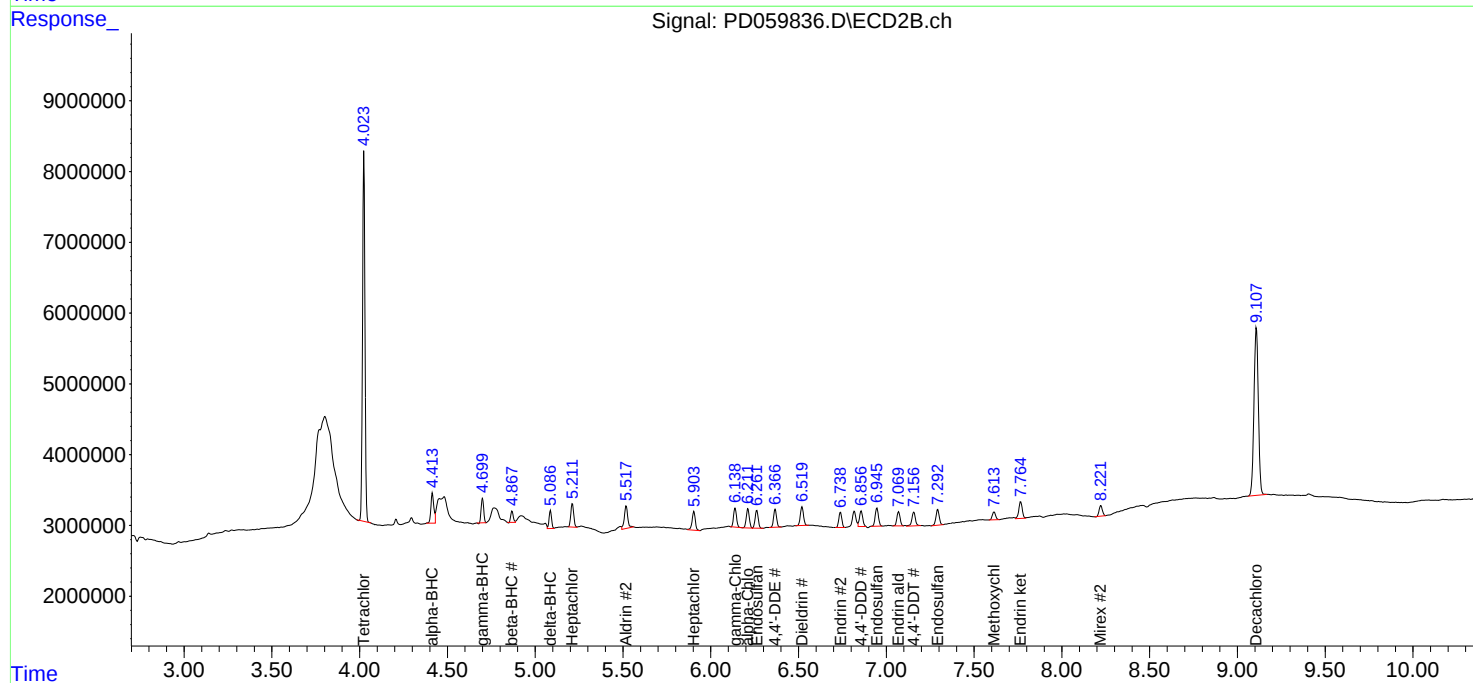
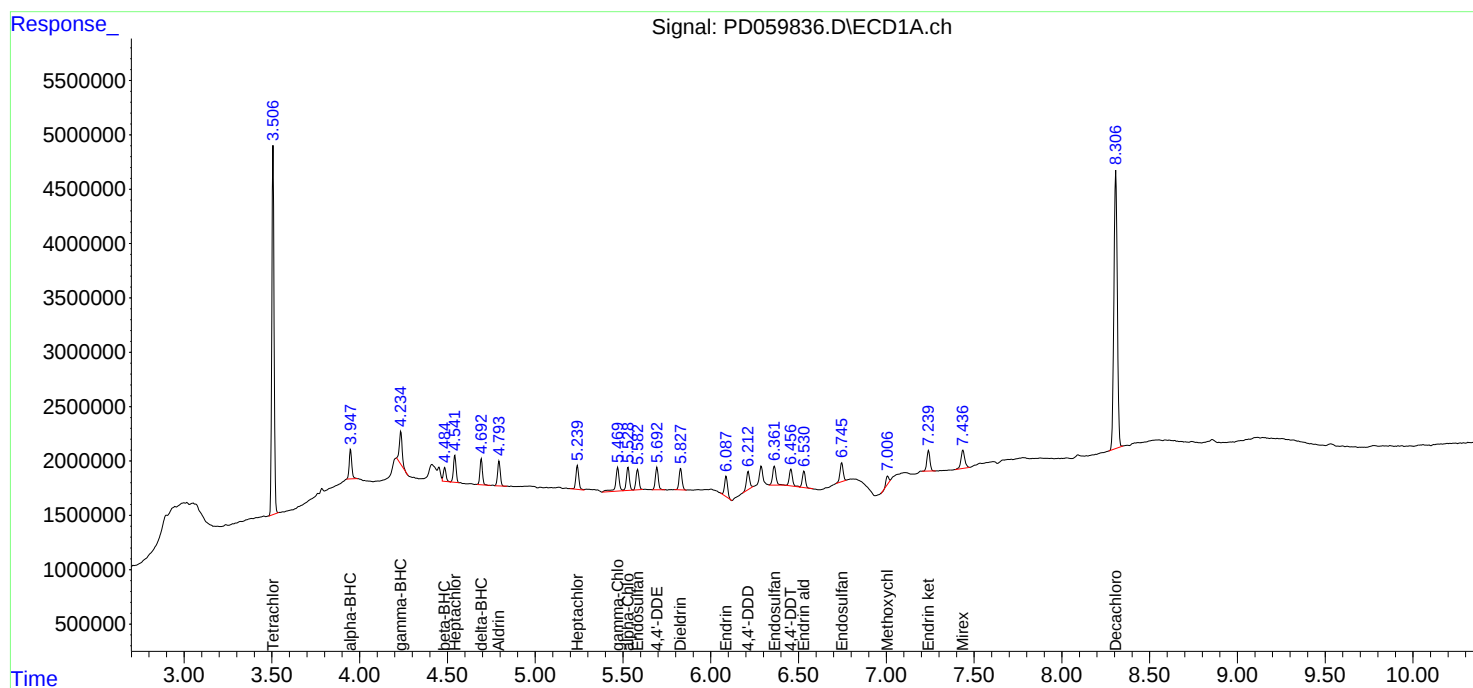
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

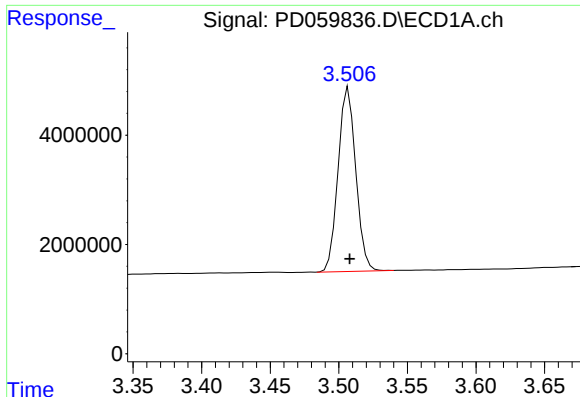
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:33:50 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response 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





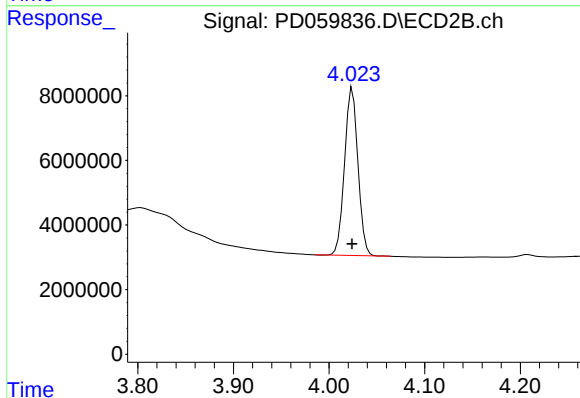
#1 Tetrachloro-m-xylene

R.T.: 3.507 min
Delta R.T.: 0.000 min
Response: 30232687
Conc: 20.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

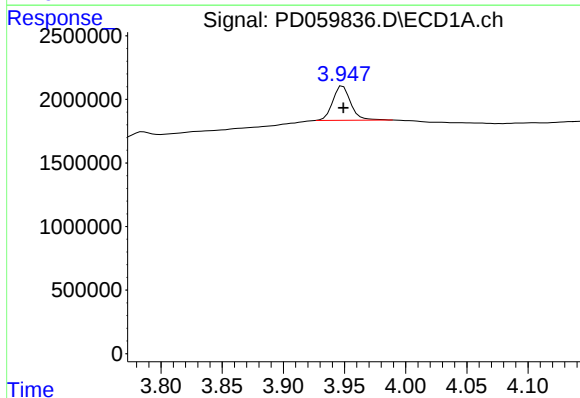
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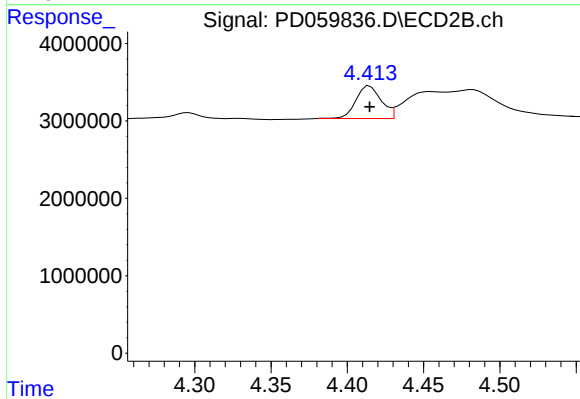
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 50702437
Conc: 20.66 ng/ml



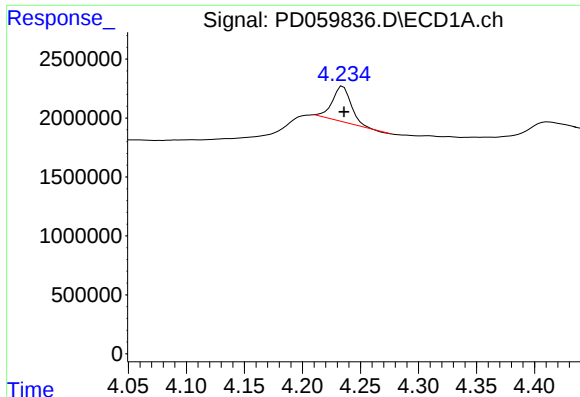
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 2773918
Conc: 1.15 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 4835503
Conc: 1.26 ng/ml



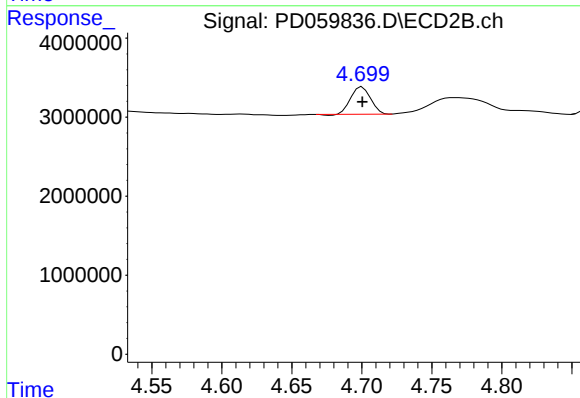
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 3173593
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

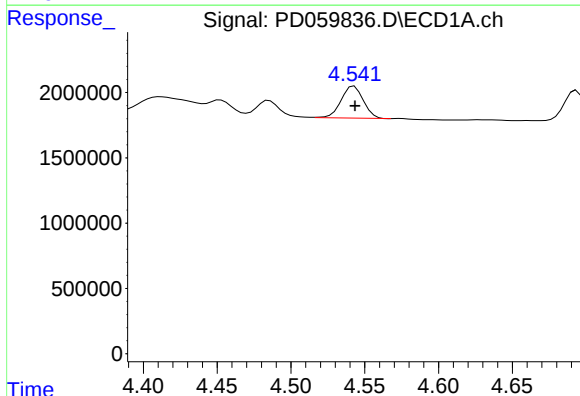
Manual Integrations
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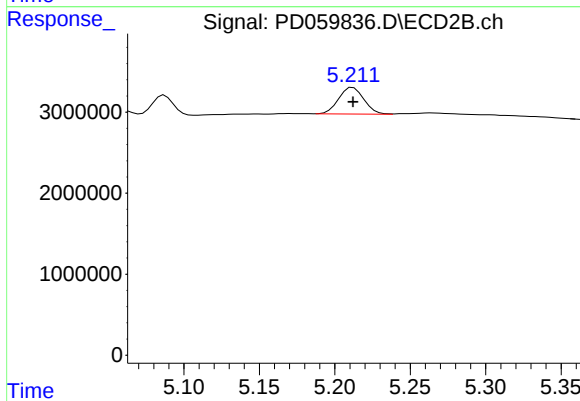
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 3410124
Conc: 0.97 ng/ml



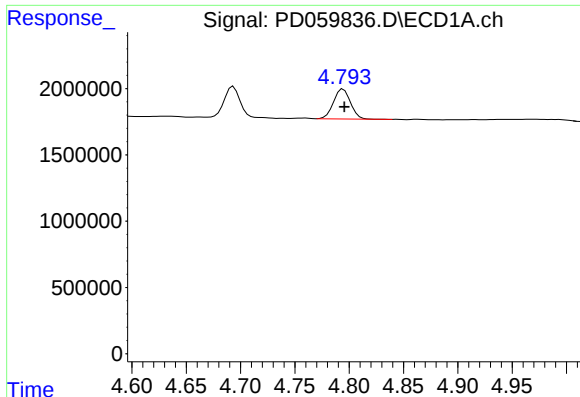
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 2569242
Conc: 1.08 ng/ml



#4 Heptachlor

R.T.: 5.211 min
Delta R.T.: -0.002 min
Response: 3837398
Conc: 1.13 ng/ml m



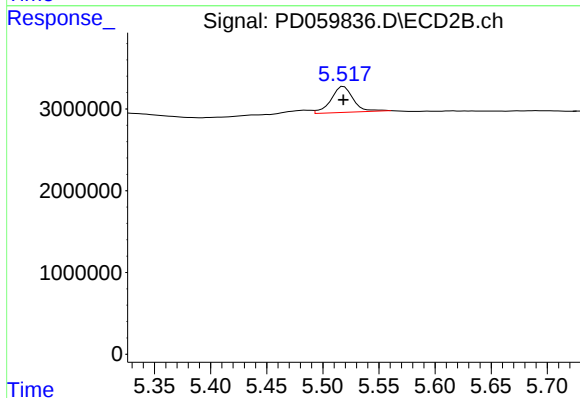
#5 Aldrin

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 2444534
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

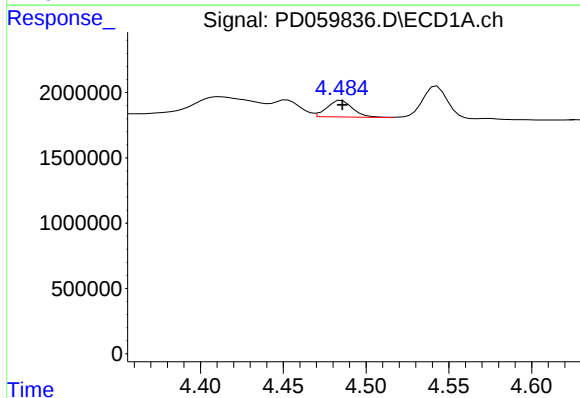
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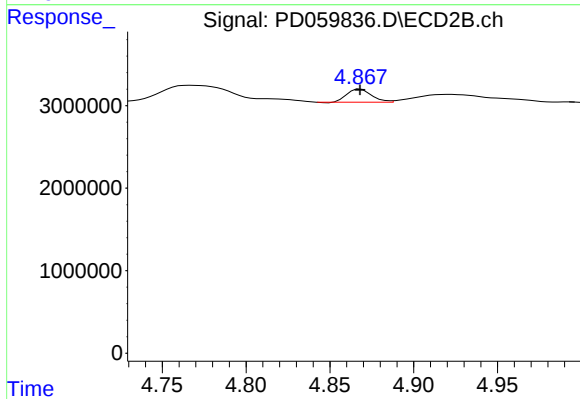
#5 Aldrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 4355615
Conc: 1.39 ng/ml



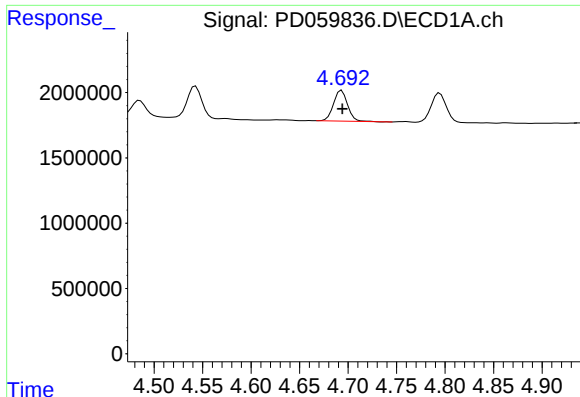
#6 beta-BHC

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 1372459
Conc: 1.46 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1588090
Conc: 1.08 ng/ml



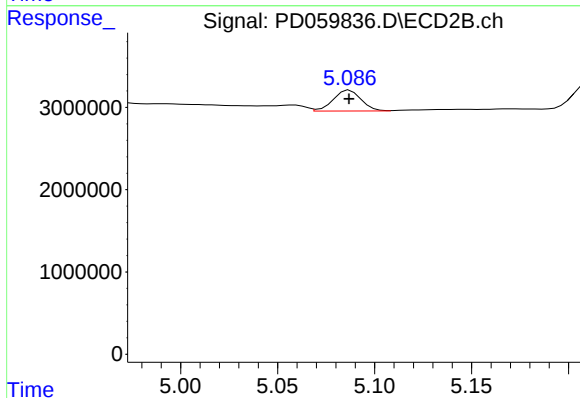
#7 delta-BHC

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 2369421
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

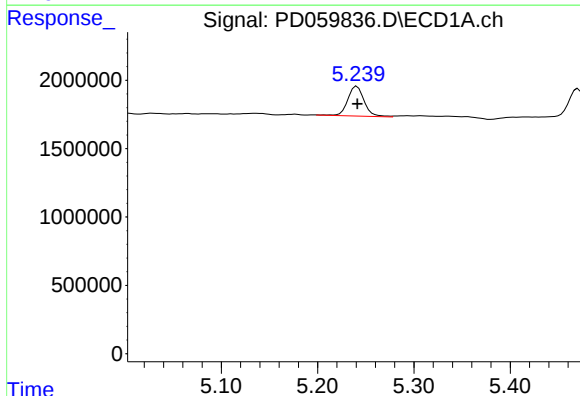
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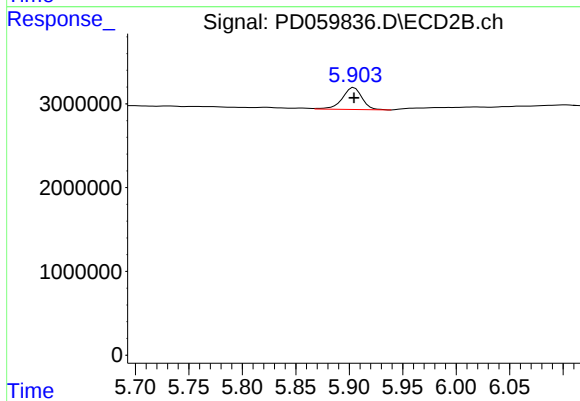
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: -0.001 min
Response: 2507560
Conc: 0.88 ng/ml m



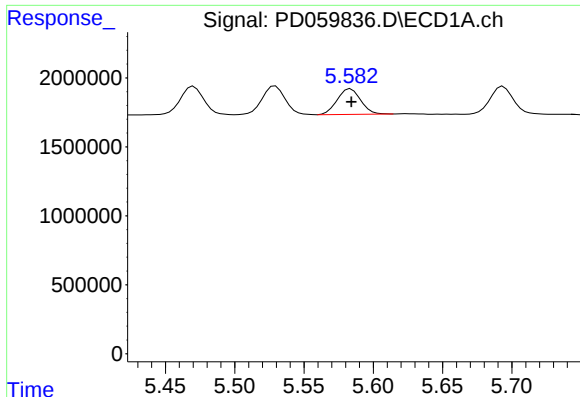
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 2561409
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 3365380
Conc: 1.23 ng/ml



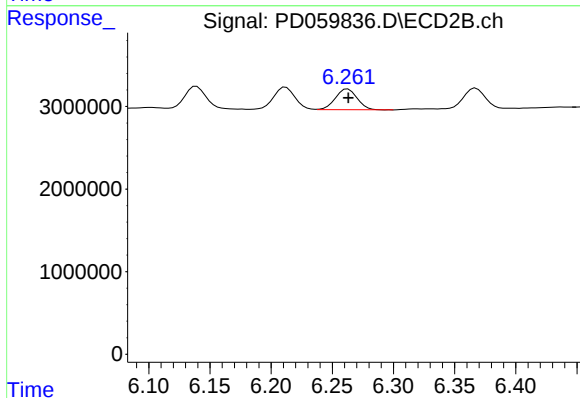
#9 Endosulfan I

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 2186292
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

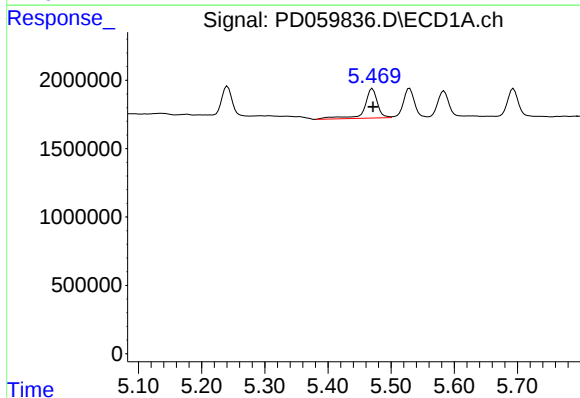
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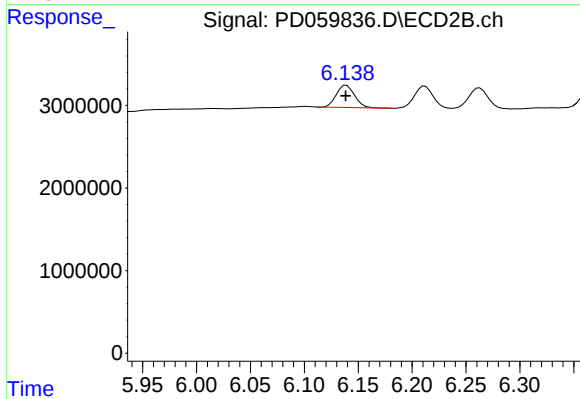
#9 Endosulfan I

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 3097239
Conc: 1.16 ng/ml



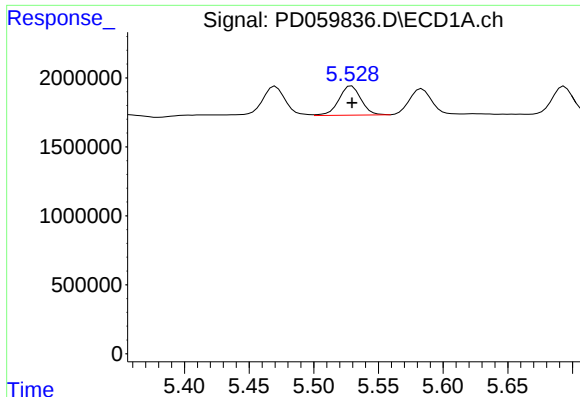
#10 gamma-Chlordane

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 3117595
Conc: 1.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 3170183
Conc: 1.08 ng/ml



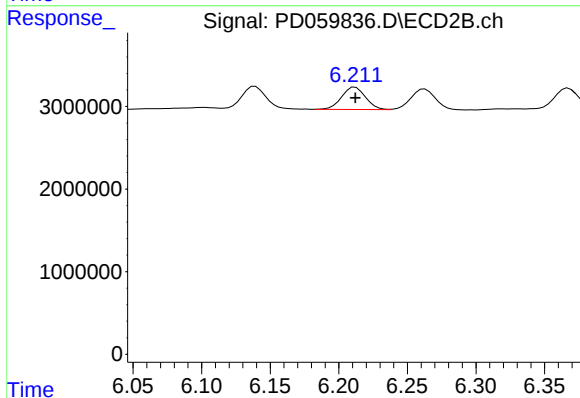
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 2524617
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

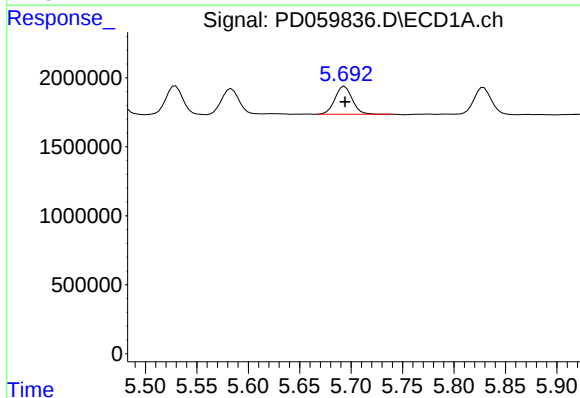
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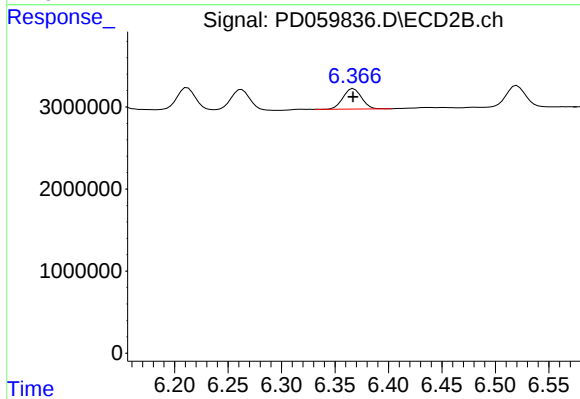
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 3278700
Conc: 1.13 ng/ml



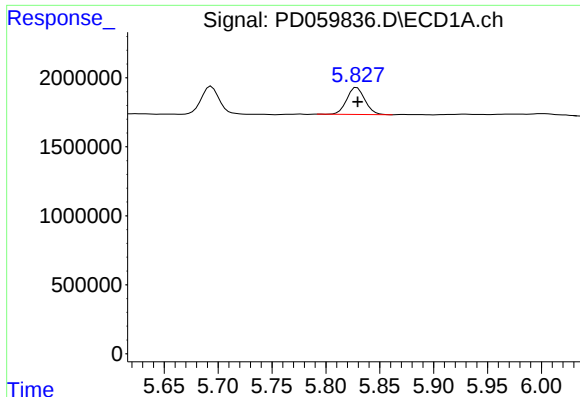
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 2361959
Conc: 1.17 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 3004578
Conc: 1.10 ng/ml



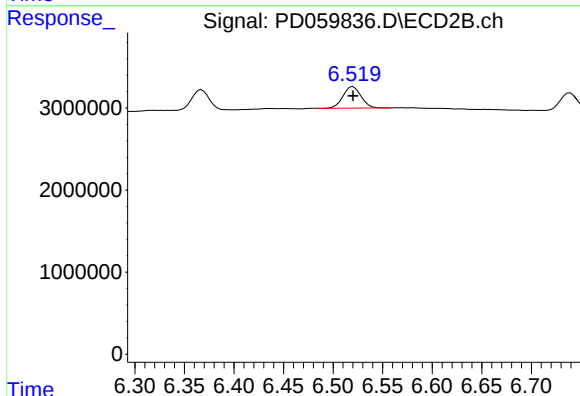
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 2286118
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

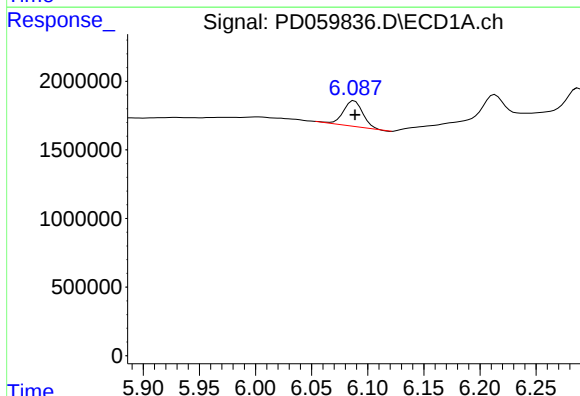
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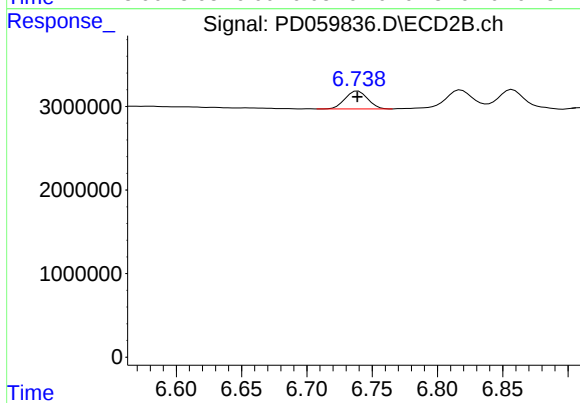
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 3309653
Conc: 1.15 ng/ml



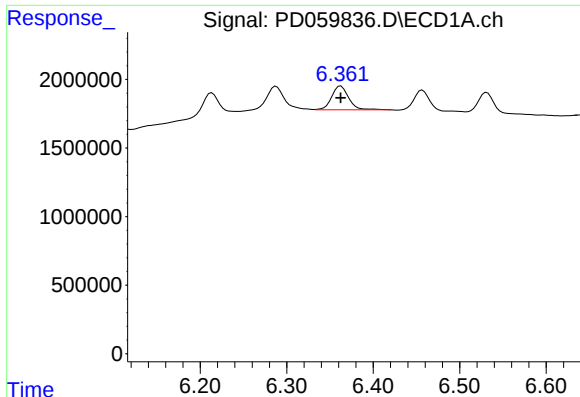
#14 Endrin

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 2287700
Conc: 1.24 ng/ml



#14 Endrin

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 2573538
Conc: 1.04 ng/ml



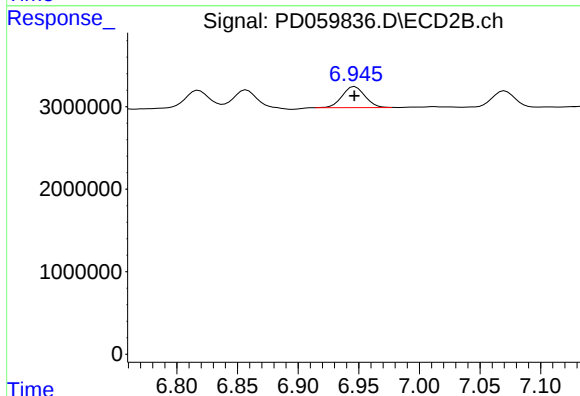
#15 Endosulfan II

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 2364463
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

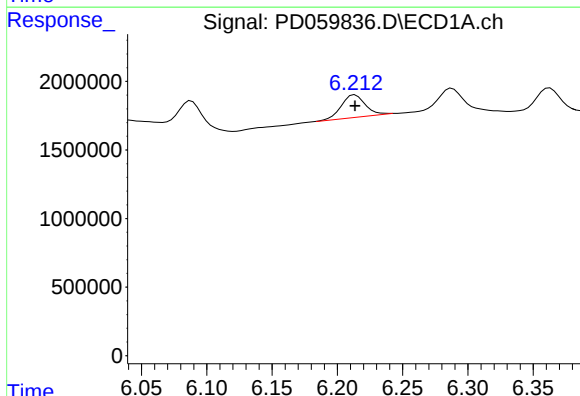
Manual Integrations
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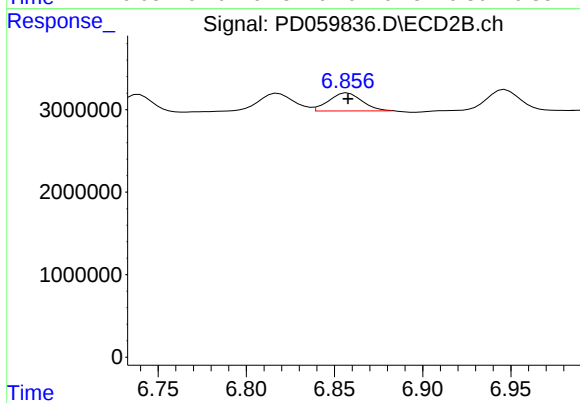
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 3345401
Conc: 1.29 ng/ml m



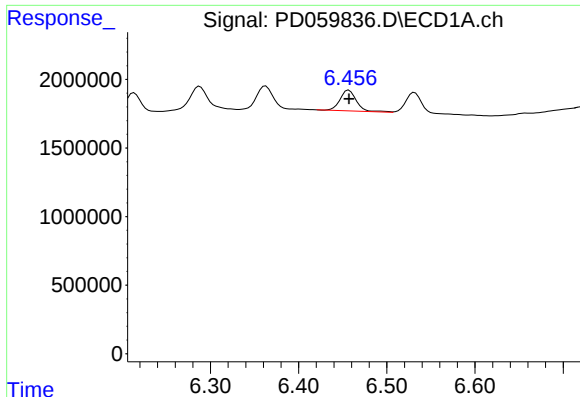
#16 4,4'-DDD

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2093683
Conc: 1.25 ng/ml



#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 2825812
Conc: 1.22 ng/ml m



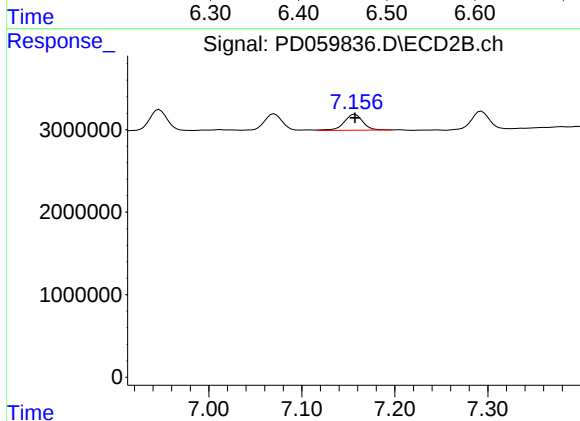
#17 4,4'-DDT

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 1962841
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

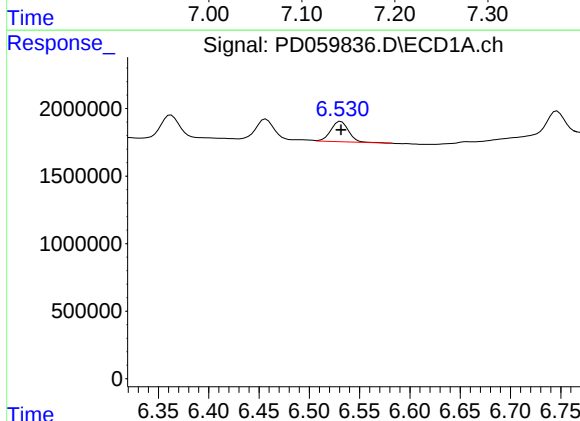
Manual Integrations
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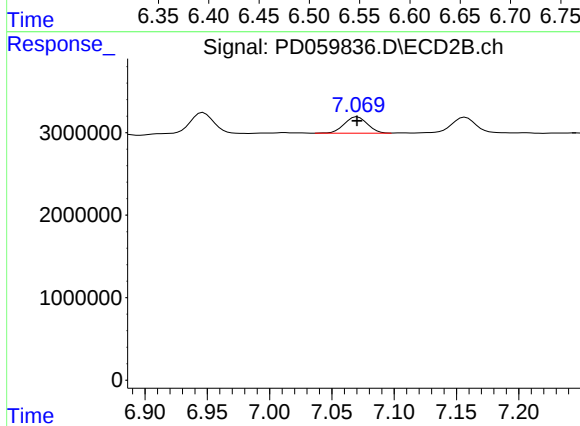
#17 4,4'-DDT

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 2723447
Conc: 1.15 ng/ml



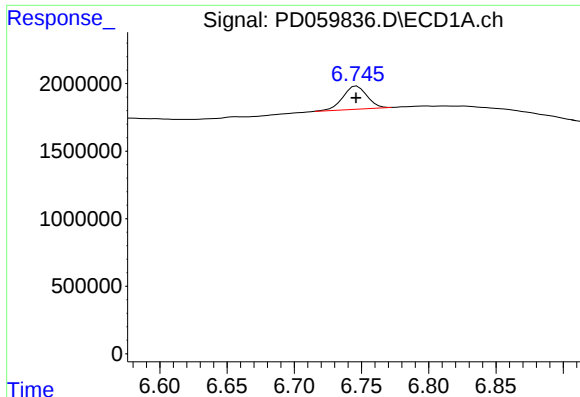
#18 Endrin aldehyde

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 1821156
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 2591963
Conc: 1.25 ng/ml m



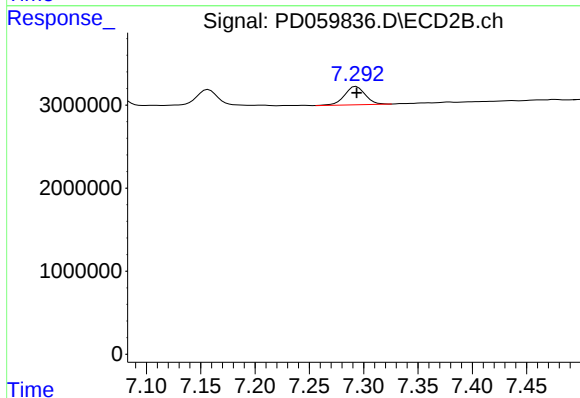
#19 Endosulfan Sulfate

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 2135830
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

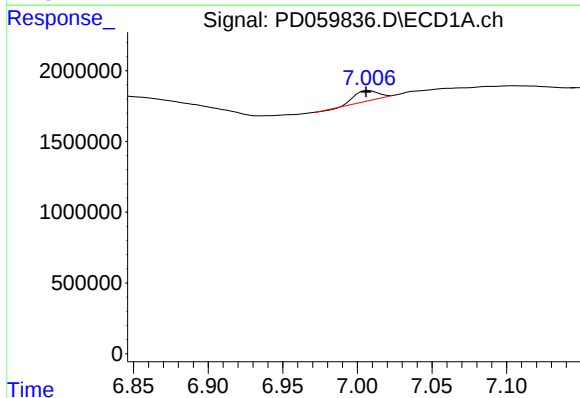
Manual Integrations
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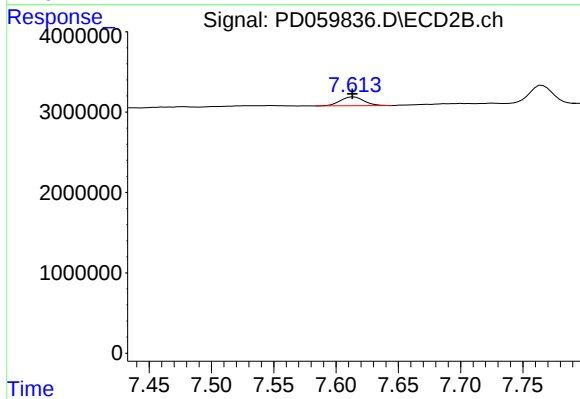
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 2908200
Conc: 1.26 ng/ml



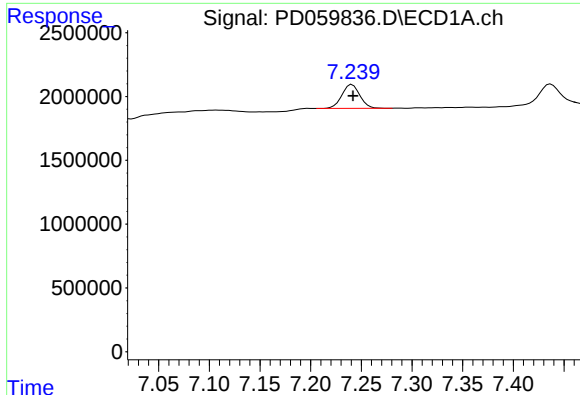
#20 Methoxychlor

R.T.: 7.008 min
Delta R.T.: 0.002 min
Response: 736998
Conc: 0.78 ng/ml



#20 Methoxychlor

R.T.: 7.614 min
Delta R.T.: 0.001 min
Response: 1478006
Conc: 1.16 ng/ml



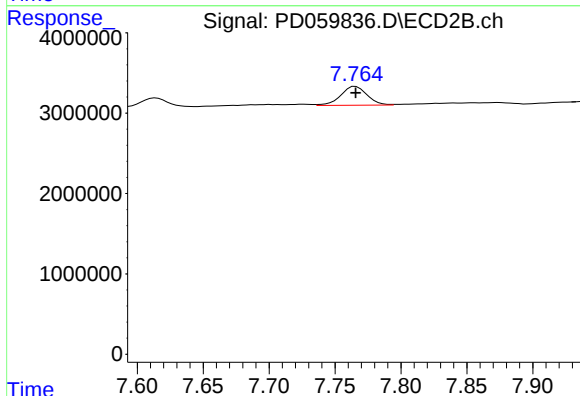
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 2294841
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

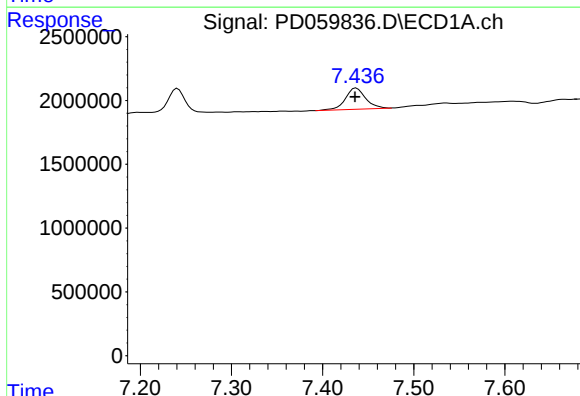
Manual Integrations
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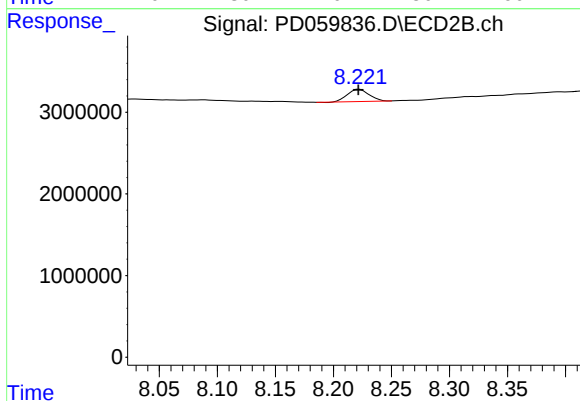
#21 Endrin ketone

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 3260742
Conc: 1.31 ng/ml



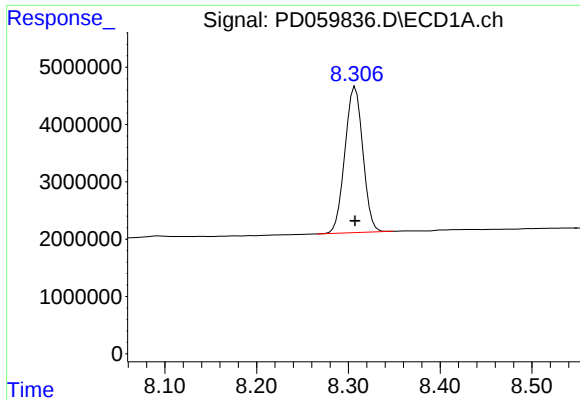
#22 Mirex

R.T.: 7.437 min
Delta R.T.: 0.001 min
Response: 2557808
Conc: 1.79 ng/ml



#22 Mirex

R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 1935685
Conc: 1.18 ng/ml



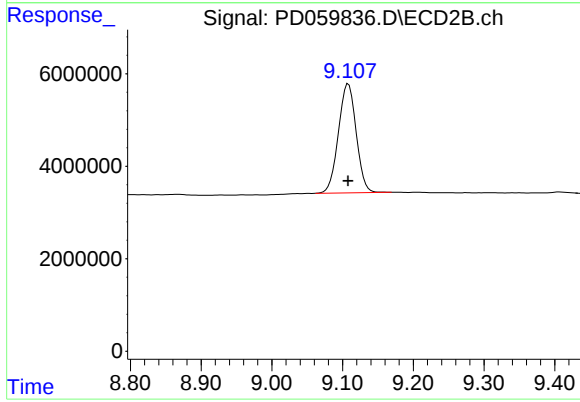
#28 Decachlorobiphenyl

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 34466193
Conc: 22.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:03:13 PM



#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 41255828
Conc: 22.78 ng/ml