

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
 Data File : PD061689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2021 21:07
 Operator : AR\AJ
 Sample : M1458-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 07:59:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 2021
 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...	3.486	3.981	16468798	164.6E6	19.267	19.188
28)	SA Decachlor...	8.257	9.039	23895159	169.5E6	19.525	19.496
Target Compounds							
2)	A alpha-BHC	3.925	4.370	1258610	11141340	0.968	0.876
3)	MA gamma-BHC...	4.210	4.655	1382402	12682867	1.145	1.088
4)	MA Heptachlor	4.513	5.163	1211964	14321399	1.029	1.184
5)	MB Aldrin	4.763	5.467	1263251	13697312	1.043	1.140
6)	B beta-BHC	4.458	4.823	953335	6232591	1.699m	1.291
7)	B delta-BHC	4.665	5.039	1794667	26859536	1.452	2.227 #
8)	B Heptachlo...	5.207	5.854	1241655	18797205	1.076	1.764 #
9)	A Endosulfan I	5.548	6.210	1185376	12475811	1.070	1.194
10)	B gamma-Chl...	5.433	6.087	1321456	12183523	1.113m	1.080
11)	B alpha-Chl...	5.494	6.160	1253457	11131700	1.069	1.019
12)	B 4,4'-DDE	5.656	6.316	1145089	13880760	1.009	1.251
13)	MA Dieldrin	5.790	6.466	1216746	13151057	1.041m	1.178
14)	MA Endrin	6.048	6.684	1220020	10572234	1.160m	1.129
15)	B Endosulfa...	6.323	6.891	1216533	14792432	1.177	1.596 #
16)	A 4,4'-DDD	6.174	6.805	840979	11734679	0.878	1.298 #
17)	MA 4,4'-DDT	6.415	7.104	816979	10743986	0.813m	1.090 #
18)	B Endrin al...	6.490	7.016	1215621	15720969	1.394m	2.069 #
19)	B Endosulfa...	6.706	7.239	1749869	14304213	1.620	1.479
20)	A Methoxychlor	6.961	7.561	378970	4471083	0.692m	0.965 #
21)	B Endrin ke...	7.198	7.708	1671230	16834751	1.287m	1.750 #
22)	Mirex	7.391	8.165	1790256	10067666	1.869	1.715

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031721\
 Data File : PD061689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2021 21:07
 Operator : AR\AJ
 Sample : M1458-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 28 Sample Multiplier: 1

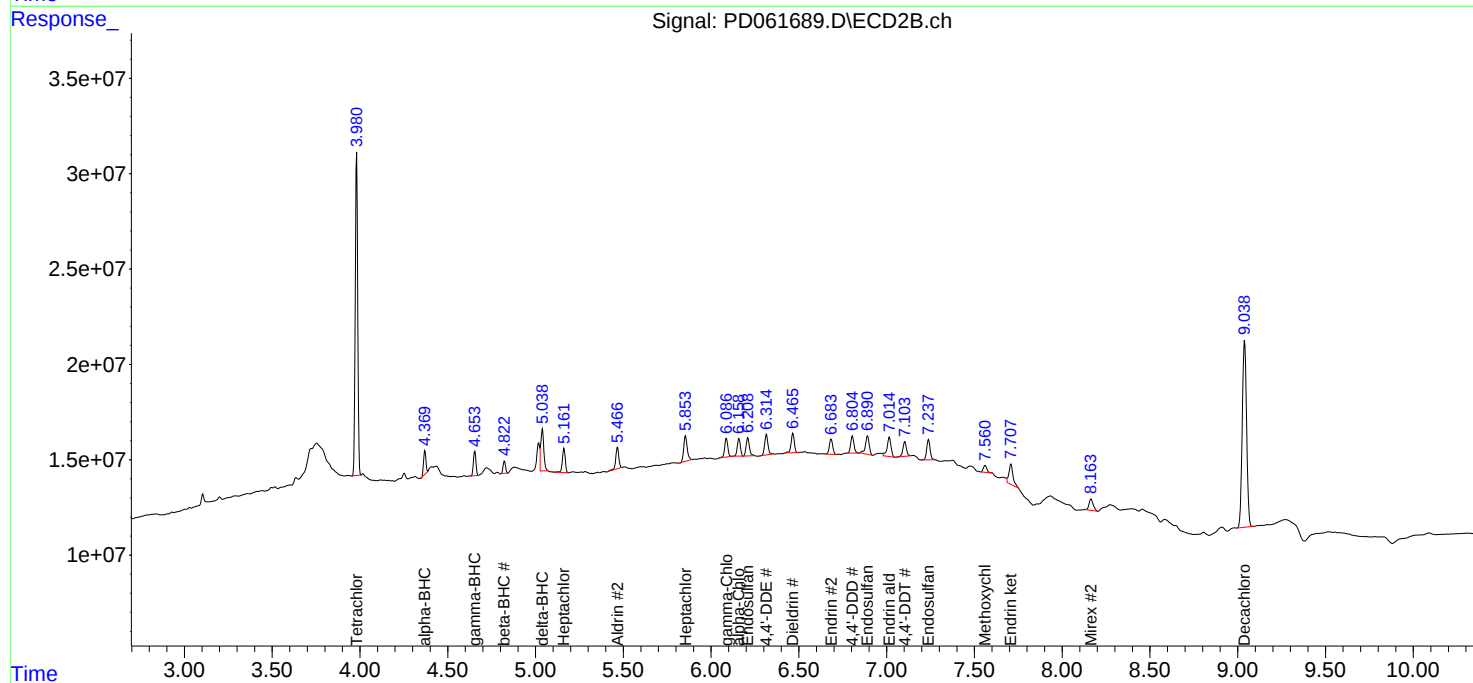
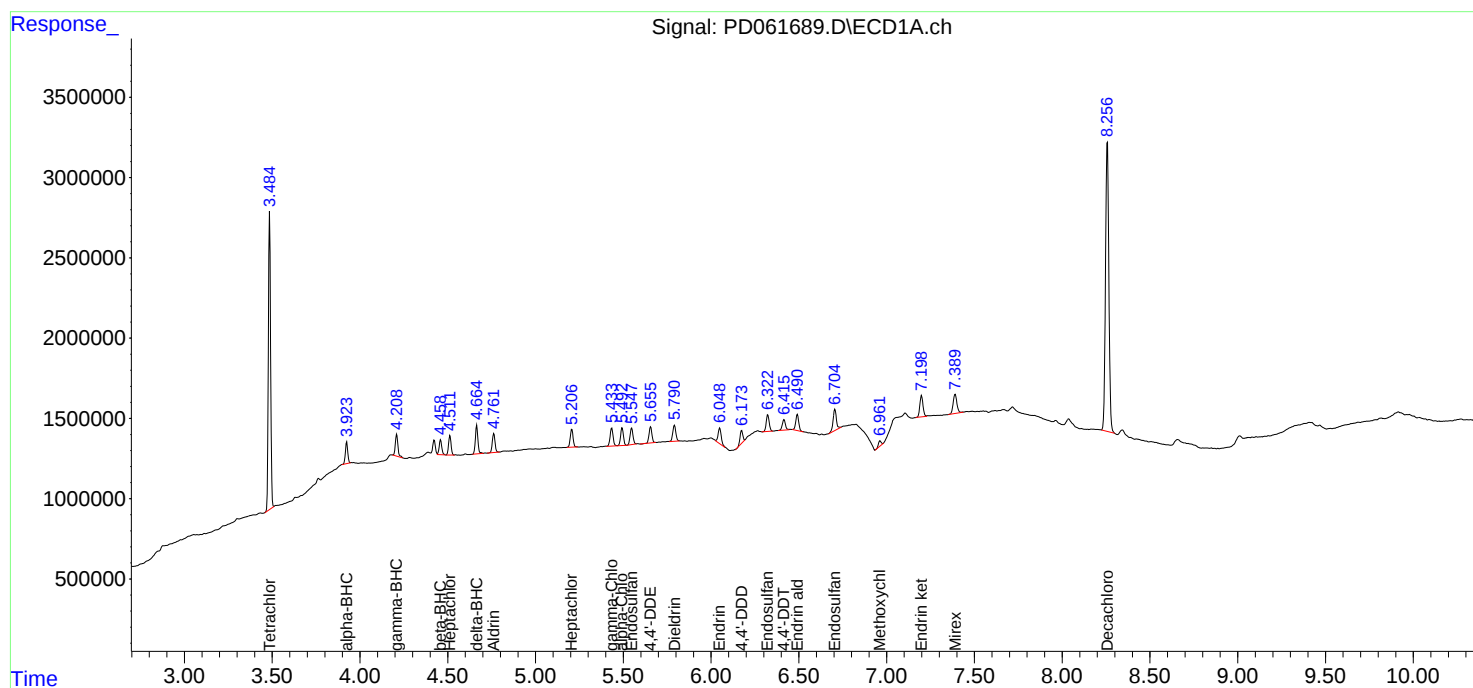
Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

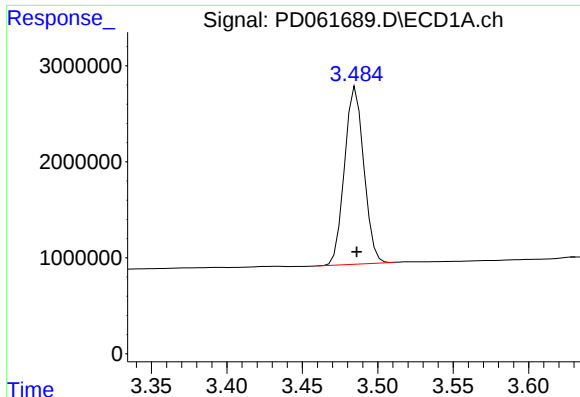
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 07:59:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 2021
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Volume 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





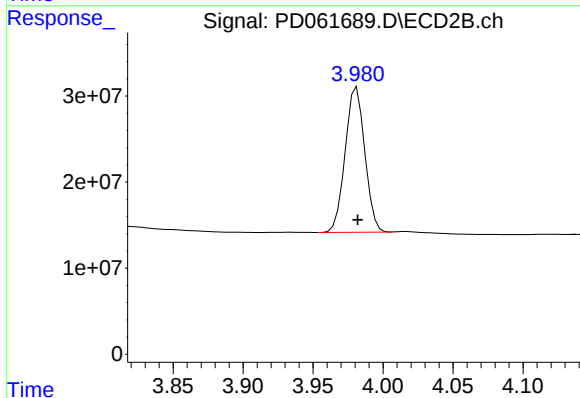
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 16468798
Conc: 19.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

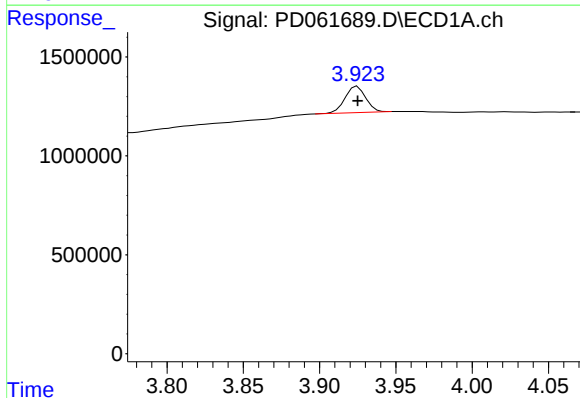
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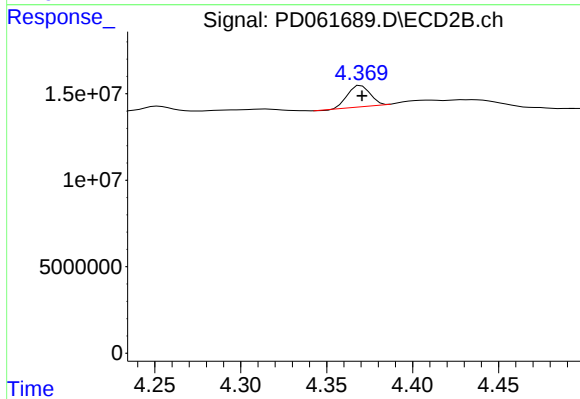
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 164615707
Conc: 19.19 ng/ml



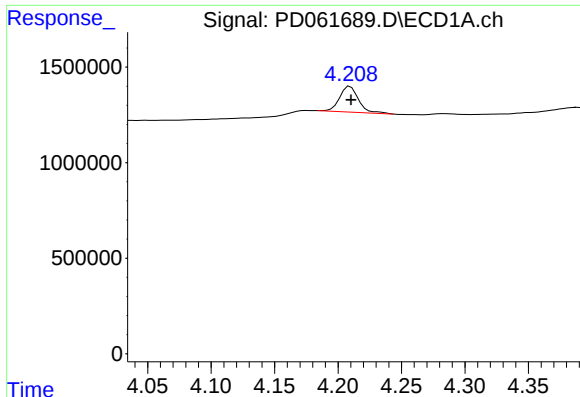
#2 alpha-BHC

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1258610
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 11141340
Conc: 0.88 ng/ml



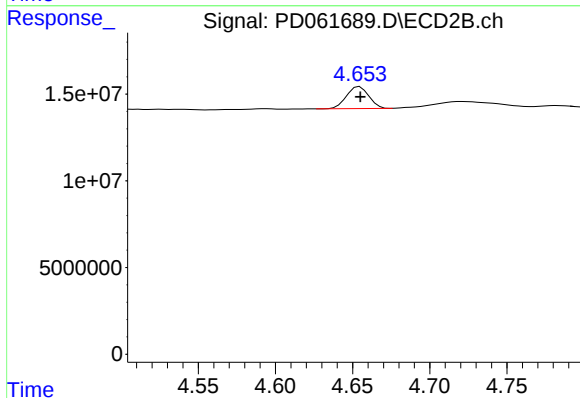
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 1382402
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

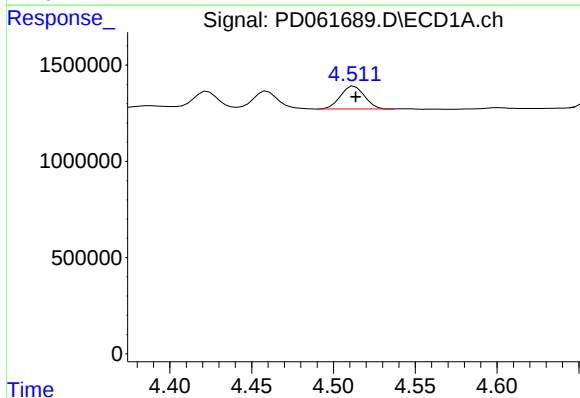
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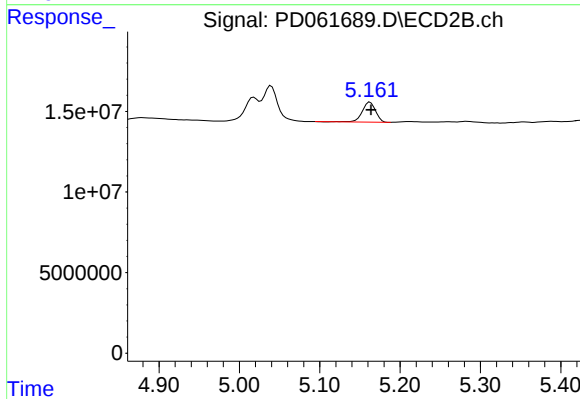
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 12682867
Conc: 1.09 ng/ml



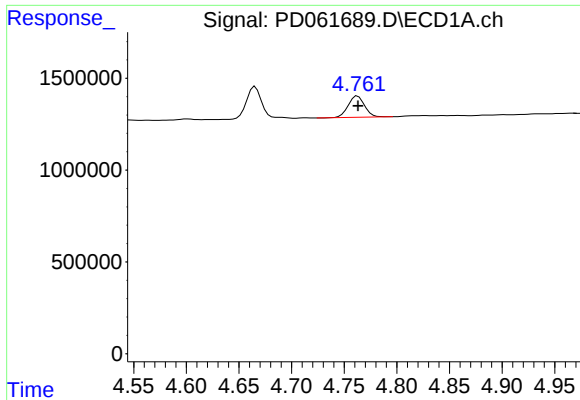
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 1211964
Conc: 1.03 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: -0.001 min
Response: 14321399
Conc: 1.18 ng/ml



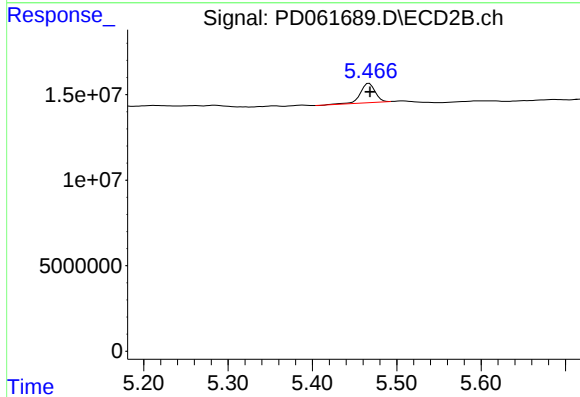
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 1263251
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

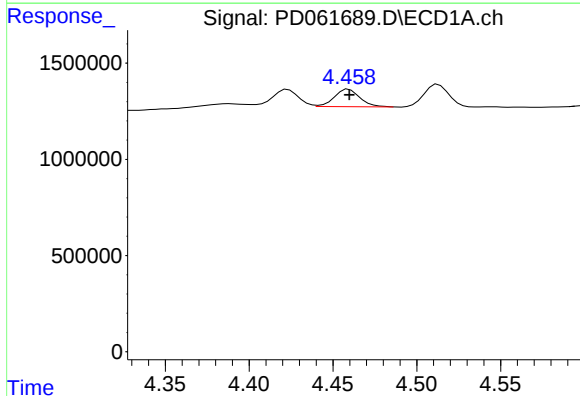
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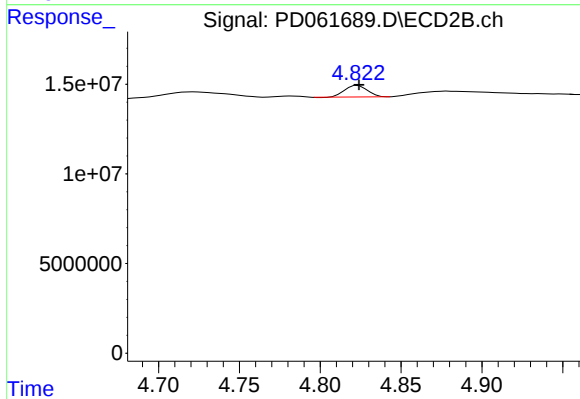
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 13697312
Conc: 1.14 ng/ml



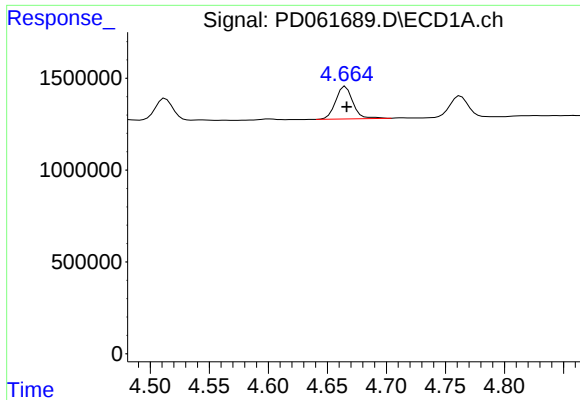
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: -0.002 min
Response: 953335
Conc: 1.70 ng/ml m



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 6232591
Conc: 1.29 ng/ml



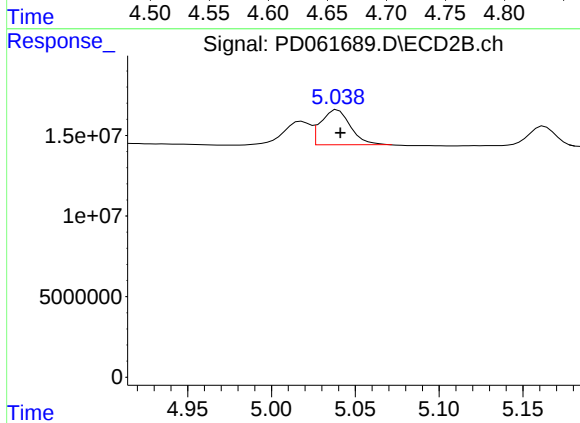
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 1794667
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

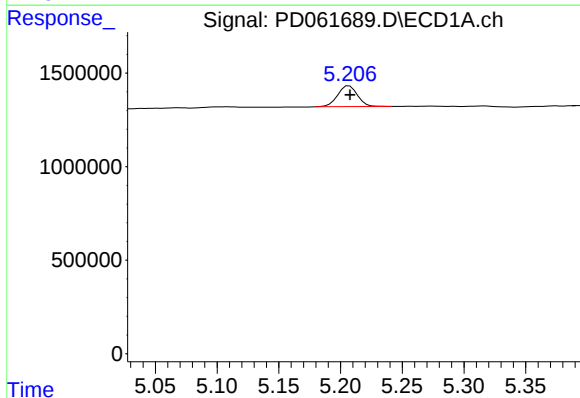
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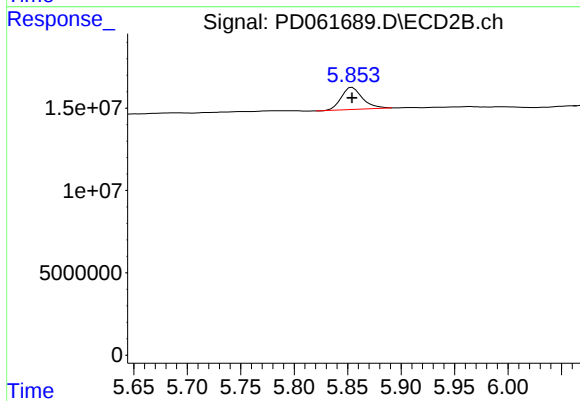
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.002 min
Response: 26859536
Conc: 2.23 ng/ml



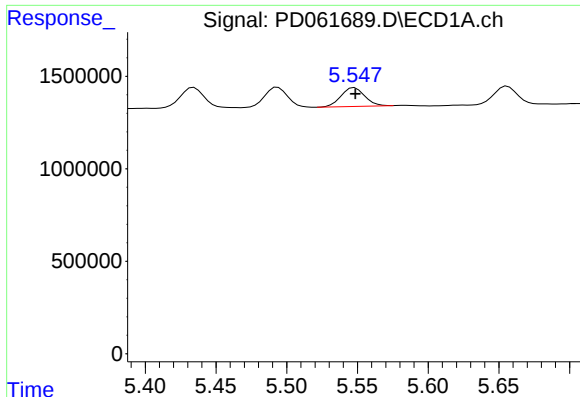
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 1241655
Conc: 1.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 18797205
Conc: 1.76 ng/ml



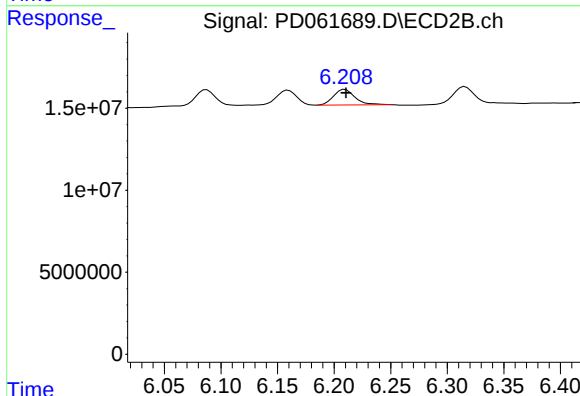
#9 Endosulfan I

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 1185376
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

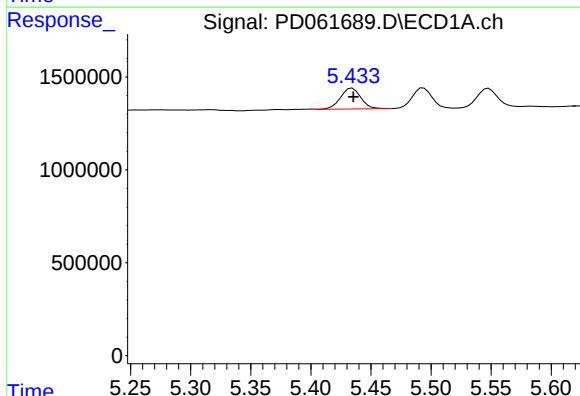
Manual Integrations
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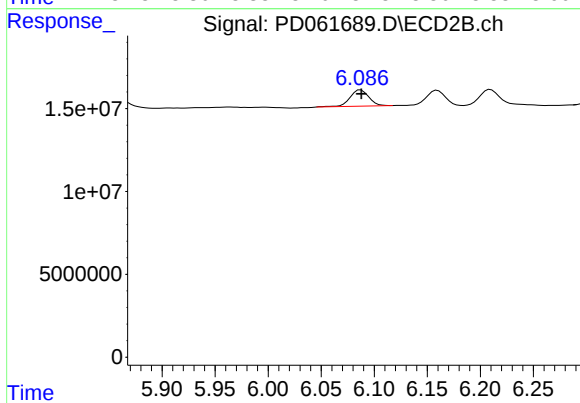
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 12475811
Conc: 1.19 ng/ml



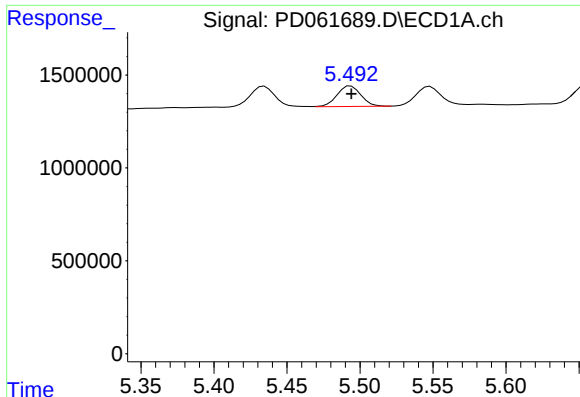
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 1321456
Conc: 1.11 ng/ml m



#10 gamma-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 12183523
Conc: 1.08 ng/ml



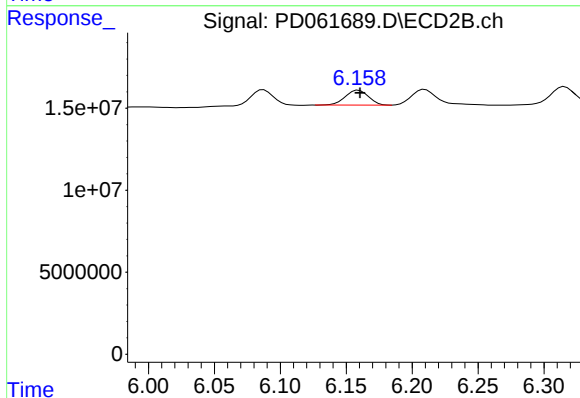
#11 alpha-Chlordane

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 1253457
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

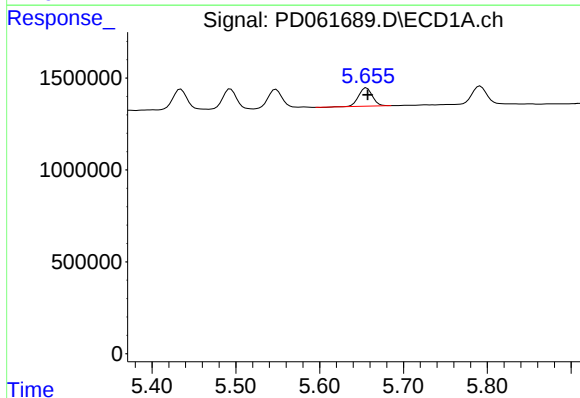
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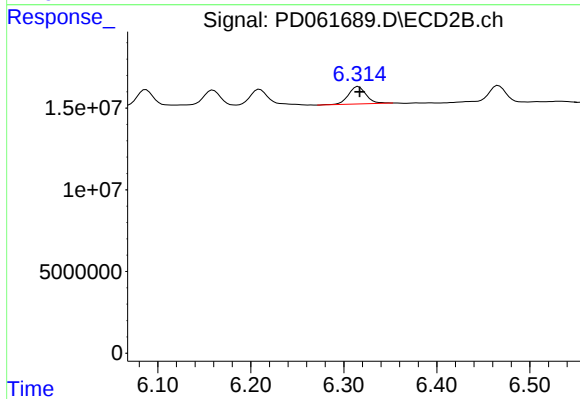
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 11131700
Conc: 1.02 ng/ml



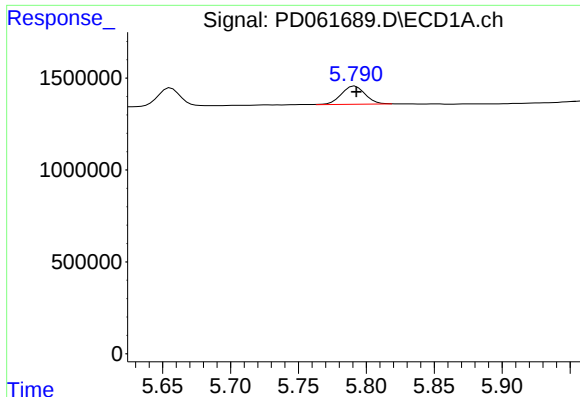
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 1145089
Conc: 1.01 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 13880760
Conc: 1.25 ng/ml



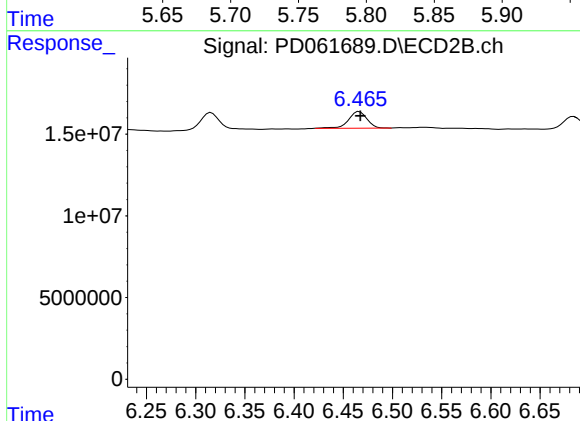
#13 Dieldrin

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 1216746
Conc: 1.04 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

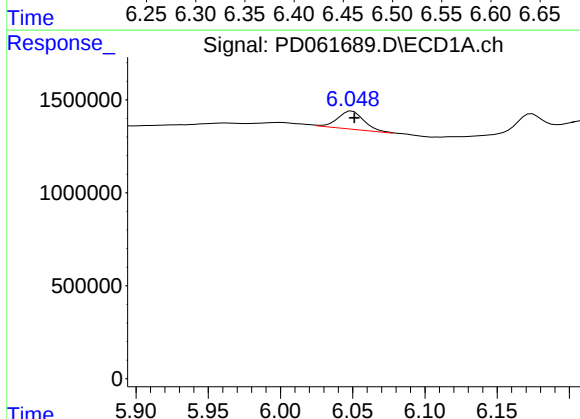
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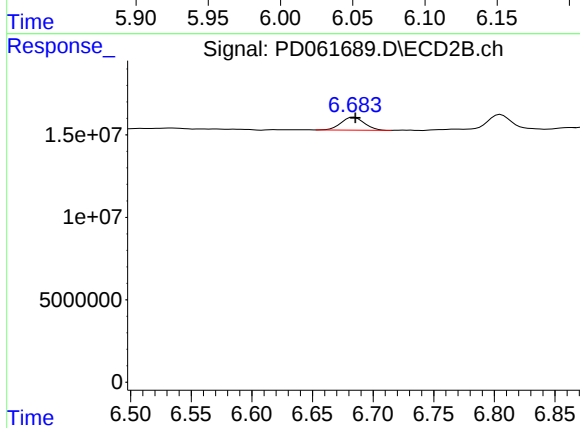
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 13151057
Conc: 1.18 ng/ml



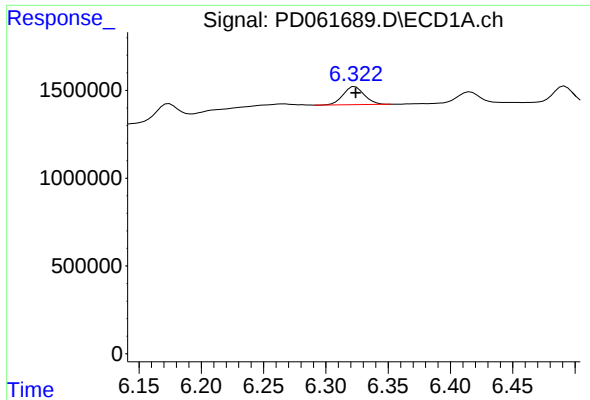
#14 Endrin

R.T.: 6.048 min
Delta R.T.: -0.003 min
Response: 1220020
Conc: 1.16 ng/ml m



#14 Endrin

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 10572234
Conc: 1.13 ng/ml



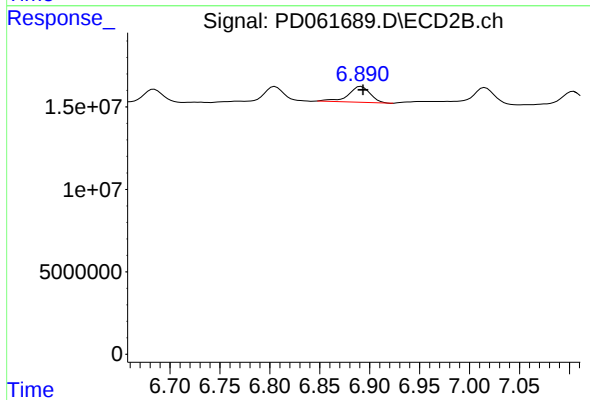
#15 Endosulfan II

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 1216533
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

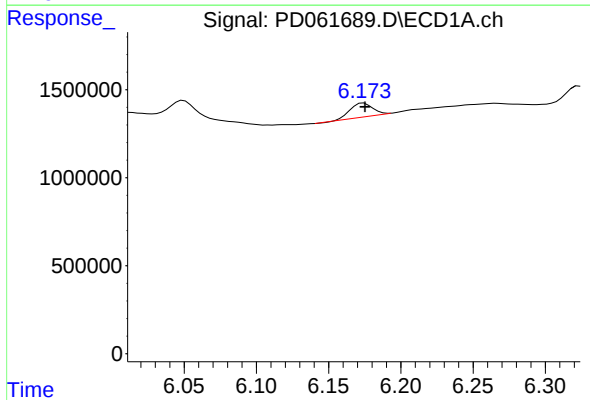
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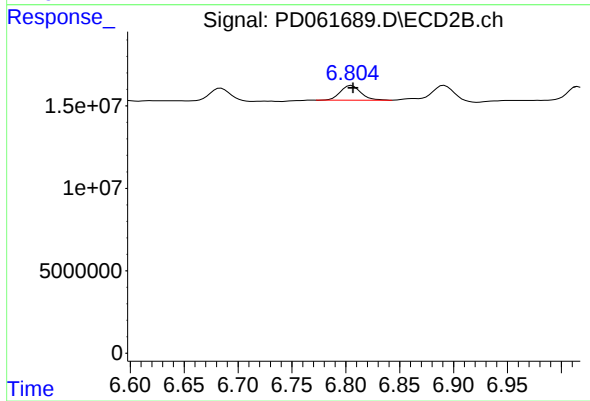
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 14792432
Conc: 1.60 ng/ml



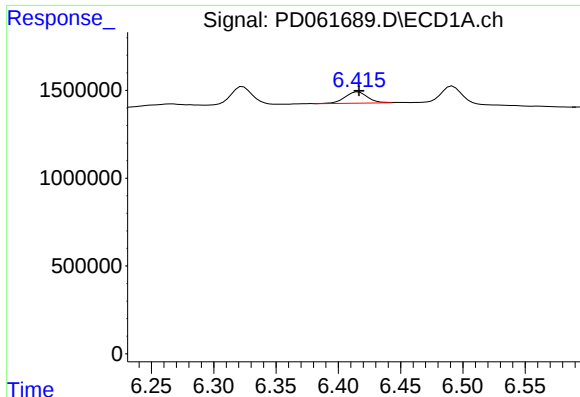
#16 4,4'-DDD

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 840979
Conc: 0.88 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 11734679
Conc: 1.30 ng/ml



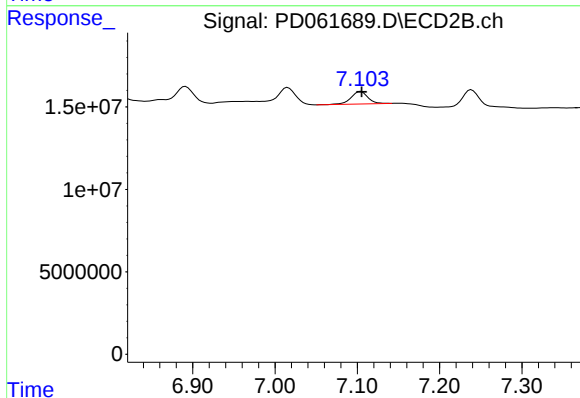
#17 4,4'-DDT

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 816979
Conc: 0.81 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

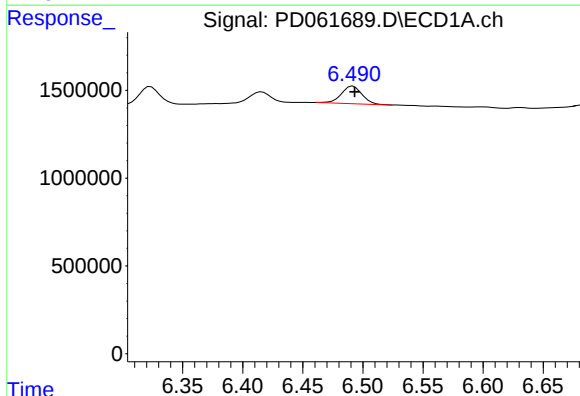
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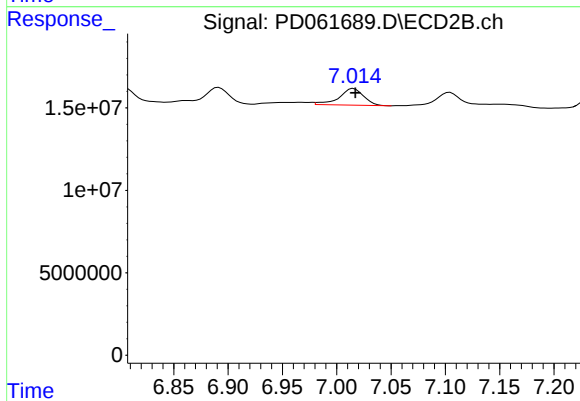
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 10743986
Conc: 1.09 ng/ml



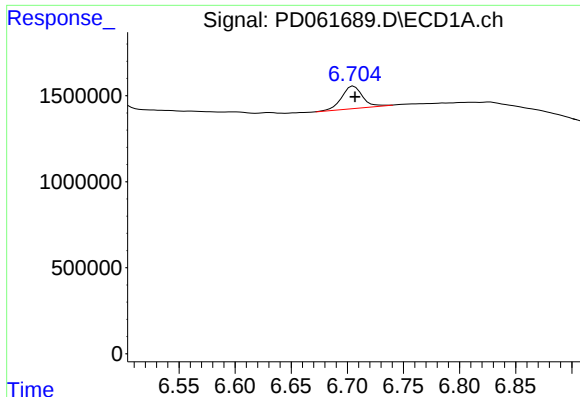
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 1215621
Conc: 1.39 ng/ml m



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 15720969
Conc: 2.07 ng/ml



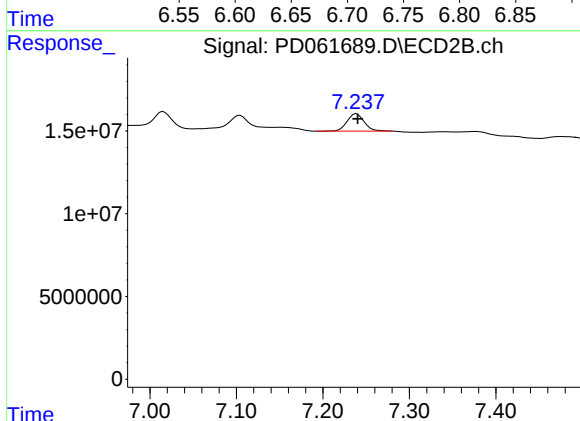
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 1749869
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

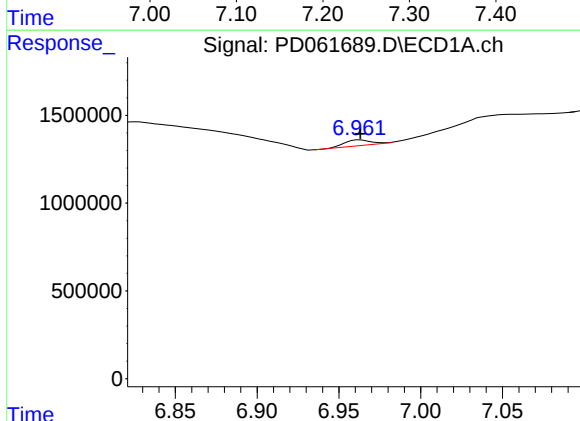
Manual Integrations
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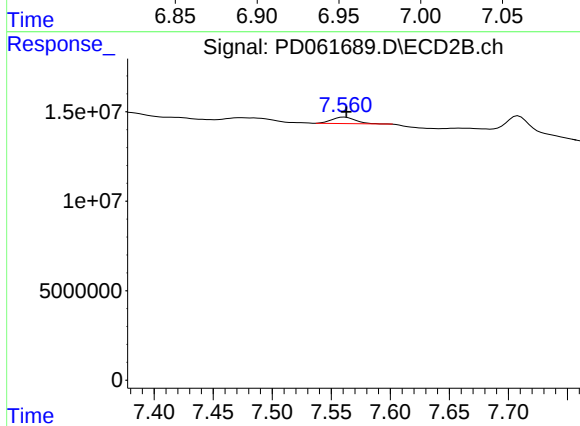
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 14304213
Conc: 1.48 ng/ml



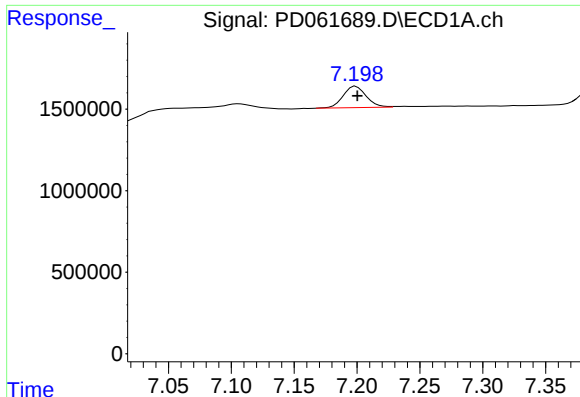
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 378970
Conc: 0.69 ng/ml m



#20 Methoxychlor

R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 4471083
Conc: 0.96 ng/ml



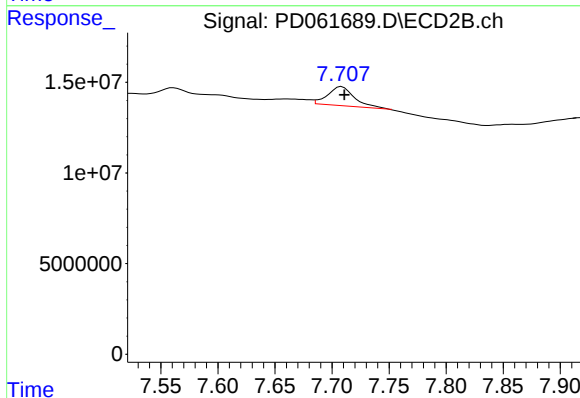
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: -0.003 min
Response: 1671230
Conc: 1.29 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

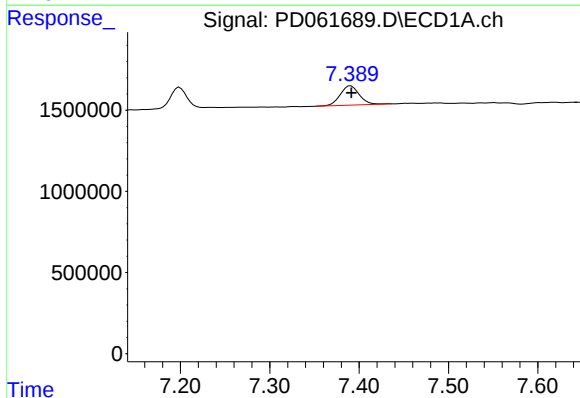
Manual Integrations
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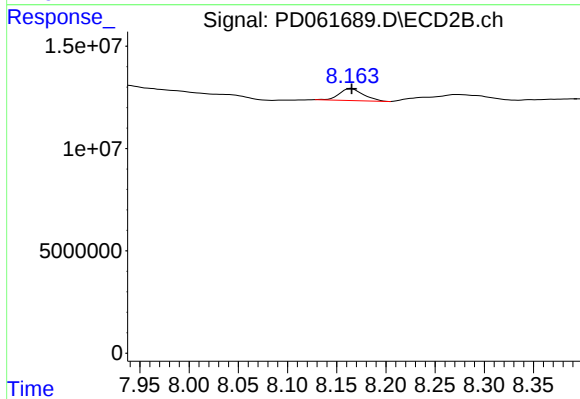
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.002 min
Response: 16834751
Conc: 1.75 ng/ml



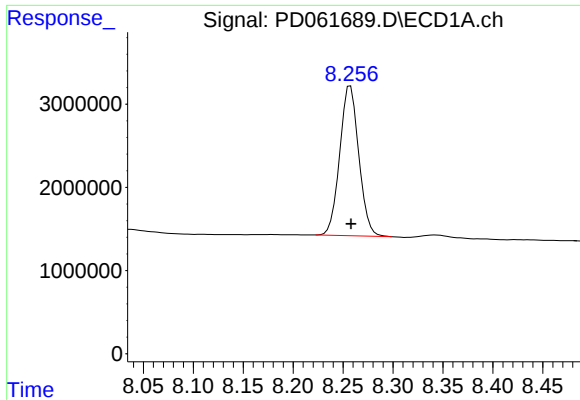
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 1790256
Conc: 1.87 ng/ml



#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 10067666
Conc: 1.72 ng/ml



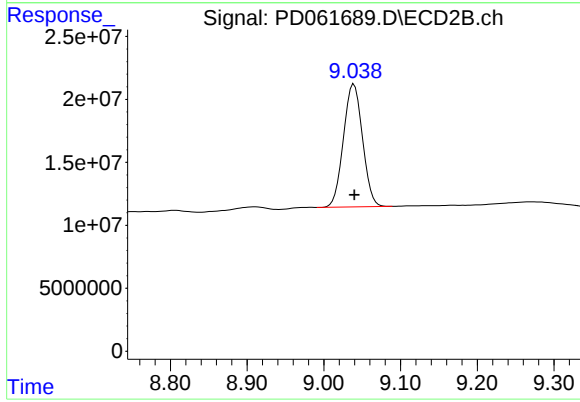
#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 23895159
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 169482559
Conc: 19.50 ng/ml