

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110121\
 Data File : PD066659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2021 12:43
 Operator : AR\AJ
 Sample : M4068-03
 Misc : PEST MDL1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 02:09:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.439	3.969	35993598	165.8E6	19.291	20.489
28)	SA Decachlor...	8.164	9.023	21711060	111.4E6	18.791	20.683
Target Compounds							
2)	A alpha-BHC	3.876	4.362	3035071	13214242	0.993	1.198
3)	MA gamma-BHC...	4.156	4.647	2661438	10397068	0.881m	1.043
4)	MA Heptachlor	4.451	5.147	2438391	11131080	0.822	1.136 #
5)	MB Aldrin	4.696	5.450	2228811	9447691	0.773	1.041 #
6)	B beta-BHC	4.405	4.824	1339556	6455046	1.072	1.386 #
7)	B delta-BHC	4.607	5.037	2031218	11275314	0.756	1.234m#
8)	B Heptachlo...	5.136	5.838	2210961	7607848	0.855	1.050
9)	A Endosulfan I	5.472	6.196	1993234	8921981	0.839	1.132 #
10)	B gamma-Chl...	5.360	6.073	2213501	8350532	0.850	1.001
11)	B alpha-Chl...	5.418	6.144	2240389	9623677	0.873	1.160 #
12)	B 4,4'-DDE	5.582	6.304	1837086	8590381	0.788	1.090 #
13)	MA Dieldrin	5.714	6.454	2160812	9352051	0.864	1.127 #
14)	MA Endrin	5.971	6.673	2006886	6740490	0.959	0.979
15)	B Endosulfa...	6.243	6.885	1990033	8394938	1.001m	1.189m
16)	A 4,4'-DDD	6.096	6.798	1353810	10238092	0.722m	1.507 #
17)	MA 4,4'-DDT	6.335	7.095	1302881	7144530	0.677	0.985 #
18)	B Endrin al...	6.413	7.012	1699095	7436495	1.099	1.307
19)	B Endosulfa...	6.624	7.234	1665508	8891191	0.895	1.226 #
20)	A Methoxychlor	6.882	7.557	1047414	4029249	1.014m	0.989m
21)	B Endrin ke...	7.115	7.705	2051377	9695371	0.940m	1.153m
22)	Mirex	7.297	8.154	1602286	8041860	1.030	1.360 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110121\
 Data File : PD066659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2021 12:43
 Operator : AR\AJ
 Sample : M4068-03
 Misc : PEST MDL1 PPB
 ALS Vial : 12 Sample Multiplier: 1

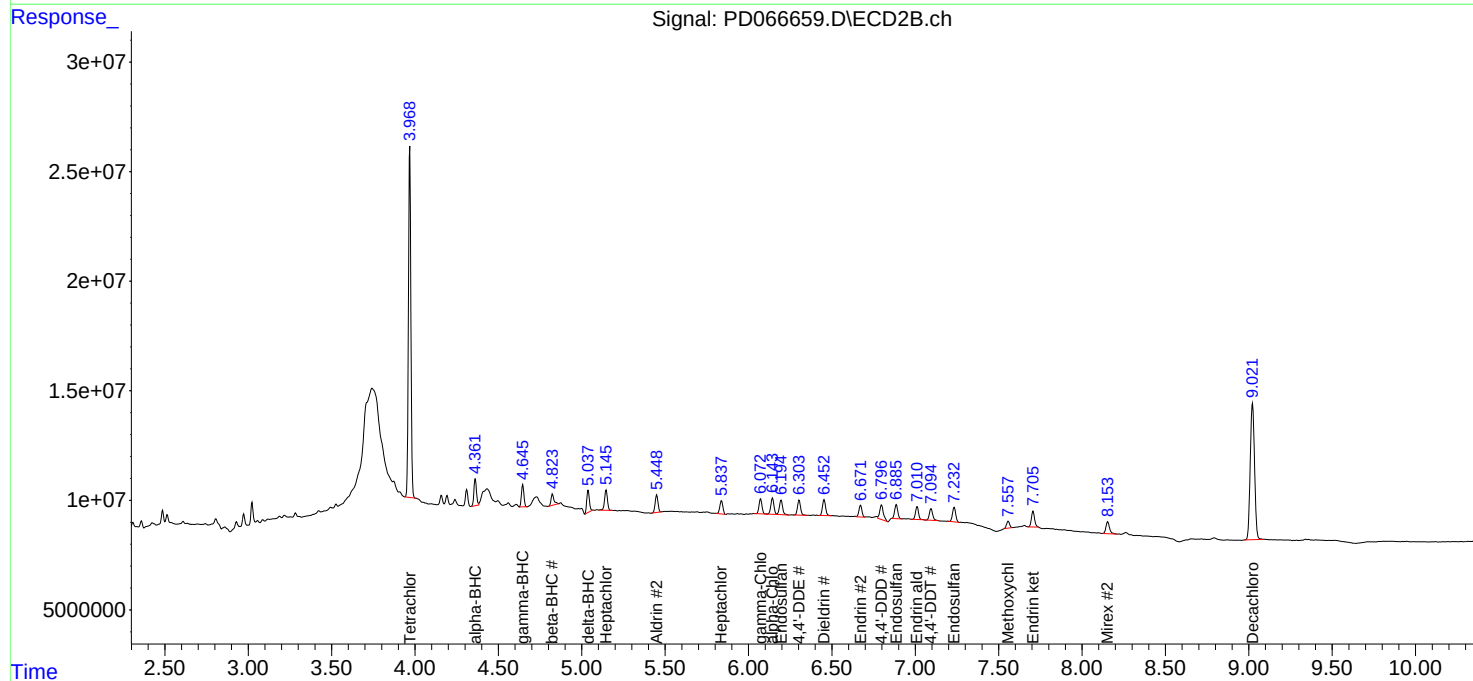
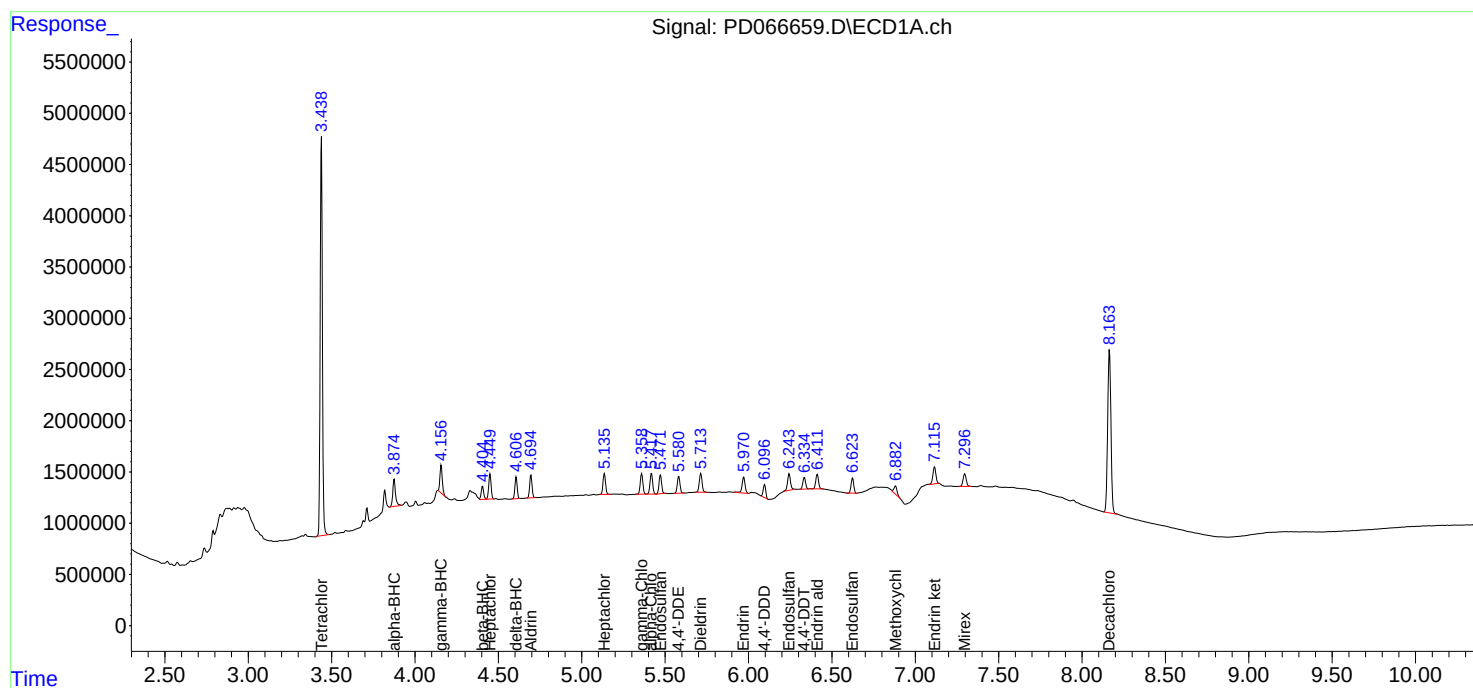
Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

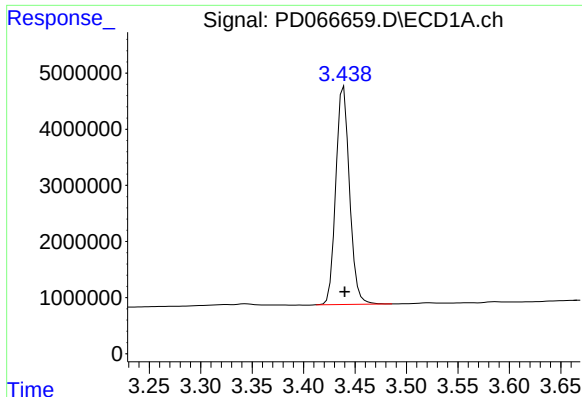
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 02:09:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
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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





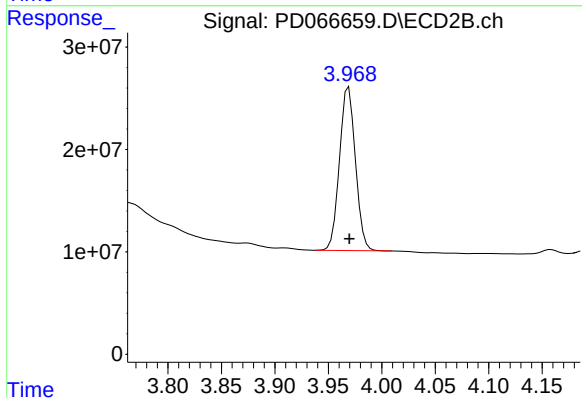
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 35993598
Conc: 19.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

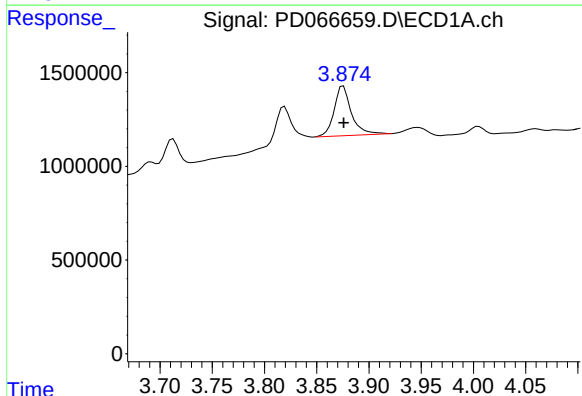
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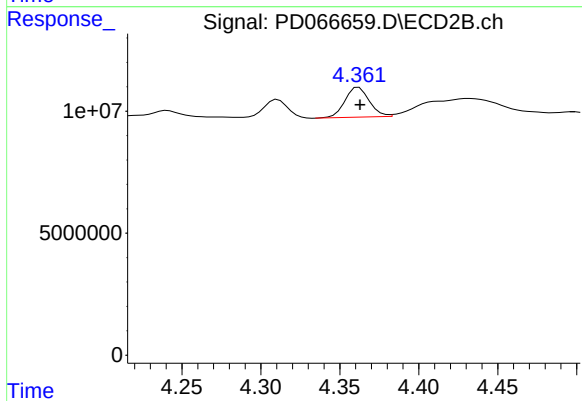
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 165796957
Conc: 20.49 ng/ml



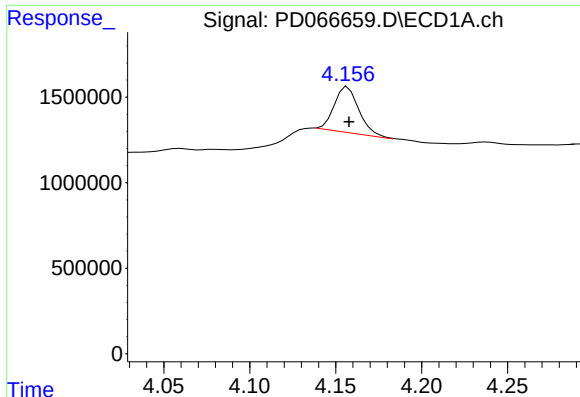
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 3035071
Conc: 0.99 ng/ml



#2 alpha-BHC

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 13214242
Conc: 1.20 ng/ml



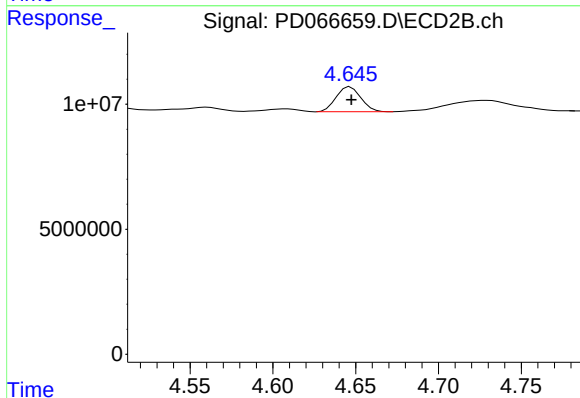
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: -0.002 min
Response: 2661438
Conc: 0.88 ng/ml m

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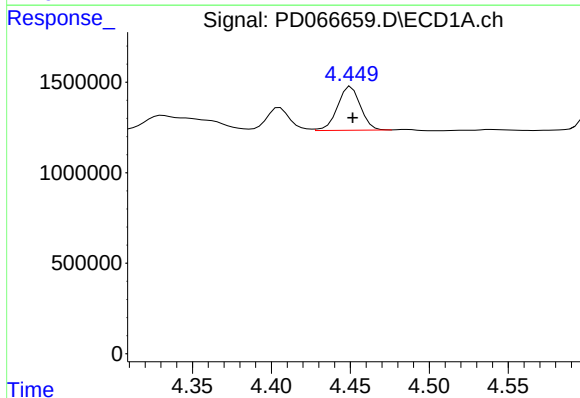
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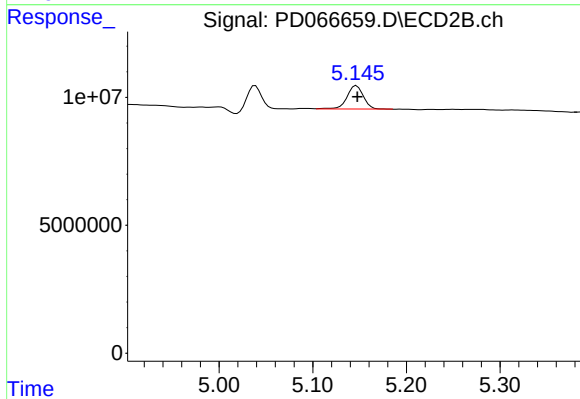
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 10397068
Conc: 1.04 ng/ml



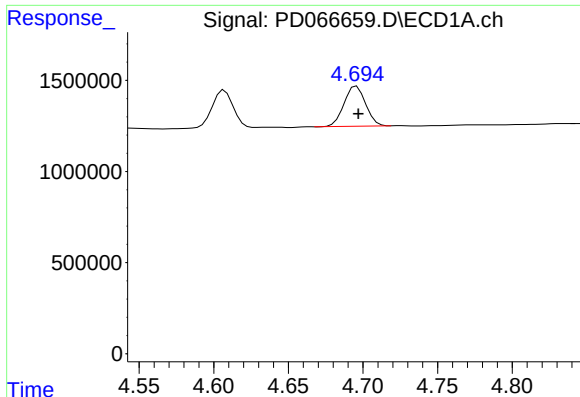
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: -0.001 min
Response: 2438391
Conc: 0.82 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 11131080
Conc: 1.14 ng/ml



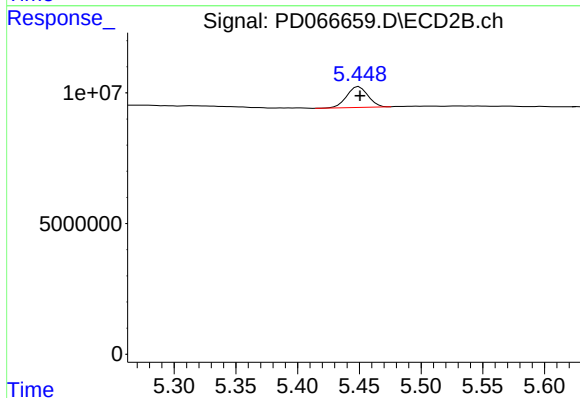
#5 Aldrin

R.T.: 4.696 min
Delta R.T.: -0.001 min
Response: 2228811
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

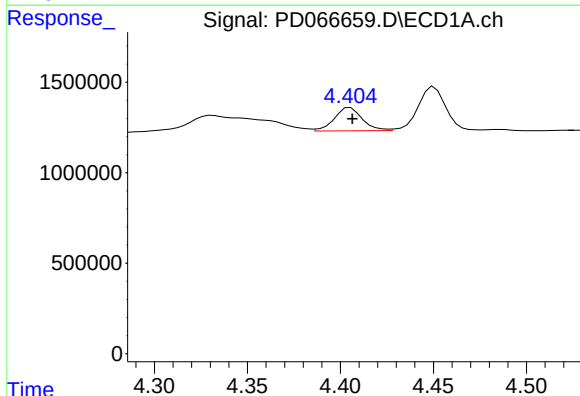
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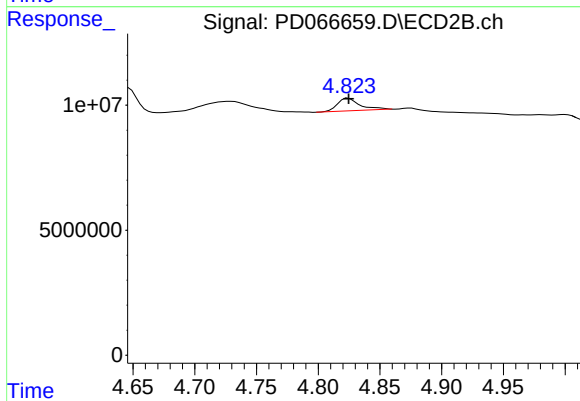
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 9447691
Conc: 1.04 ng/ml



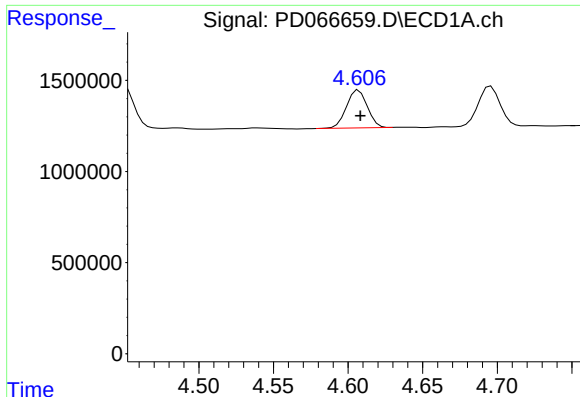
#6 beta-BHC

R.T.: 4.405 min
Delta R.T.: -0.001 min
Response: 1339556
Conc: 1.07 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 6455046
Conc: 1.39 ng/ml



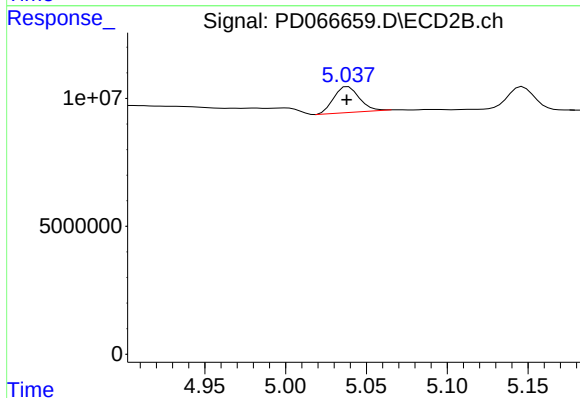
#7 delta-BHC

R.T.: 4.607 min
Delta R.T.: -0.001 min
Response: 2031218
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

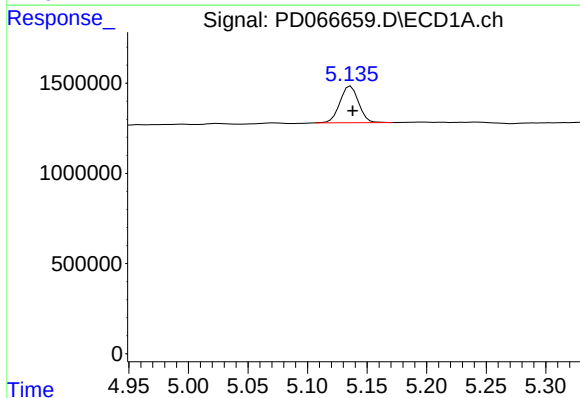
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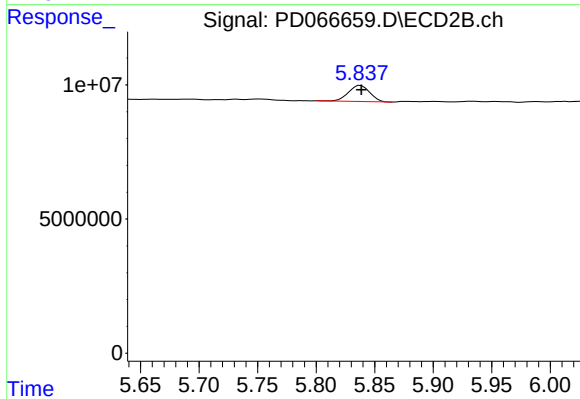
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 11275314
Conc: 1.23 ng/ml m



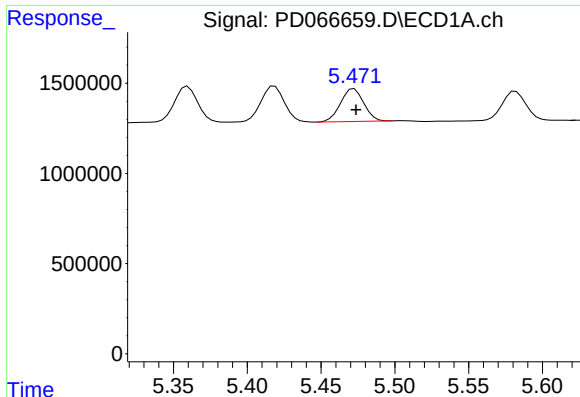
#8 Heptachlor epoxide

R.T.: 5.136 min
Delta R.T.: -0.002 min
Response: 2210961
Conc: 0.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 7607848
Conc: 1.05 ng/ml



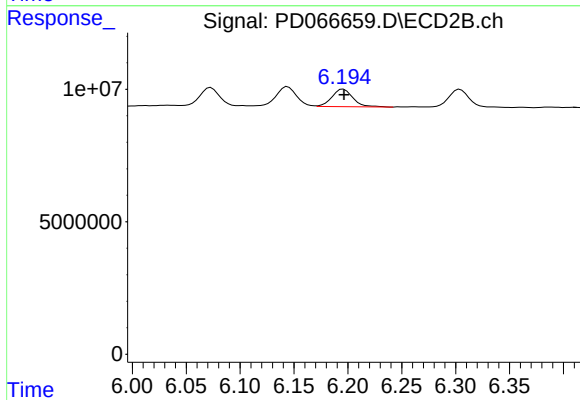
#9 Endosulfan I

R.T.: 5.472 min
Delta R.T.: -0.001 min
Response: 1993234
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

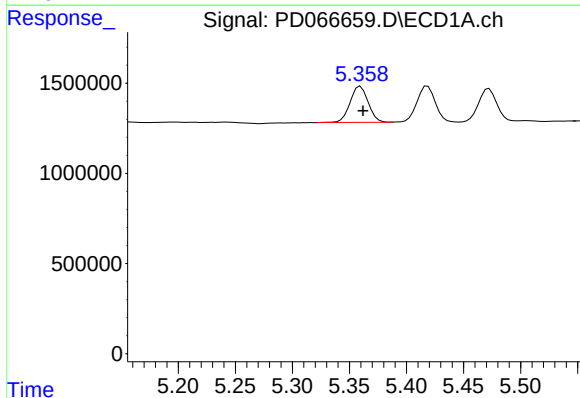
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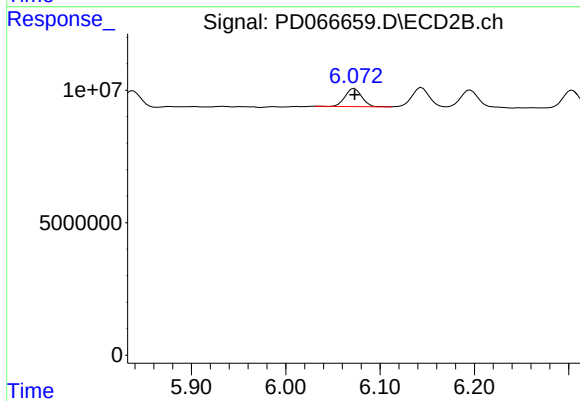
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 8921981
Conc: 1.13 ng/ml



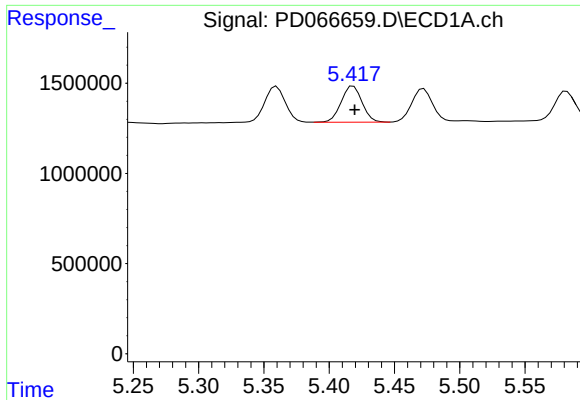
#10 gamma-Chlordane

R.T.: 5.360 min
Delta R.T.: -0.002 min
Response: 2213501
Conc: 0.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 8350532
Conc: 1.00 ng/ml



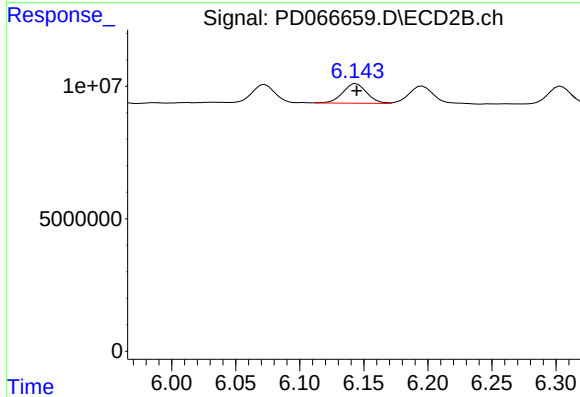
#11 alpha-Chlordane

R.T.: 5.418 min
Delta R.T.: -0.001 min
Response: 2240389
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

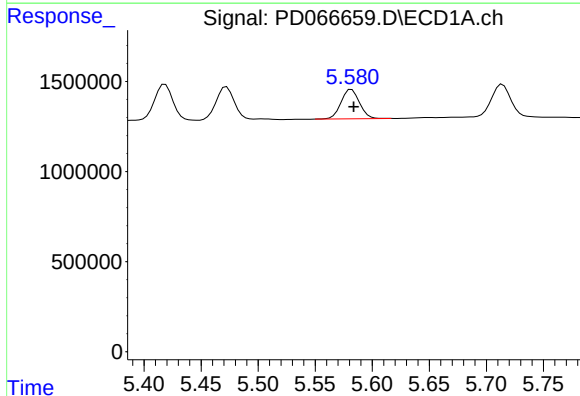
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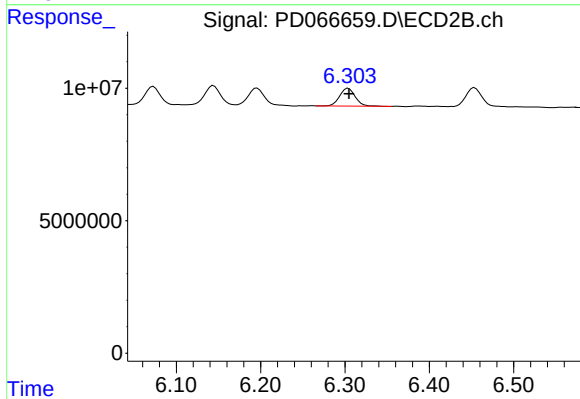
#11 alpha-Chlordane

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 9623677
Conc: 1.16 ng/ml



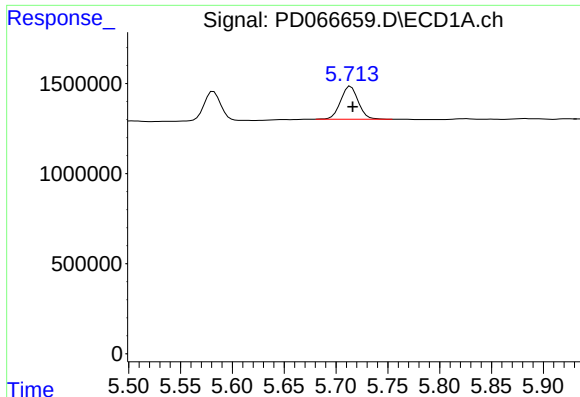
#12 4,4'-DDE

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 1837086
Conc: 0.79 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 8590381
Conc: 1.09 ng/ml



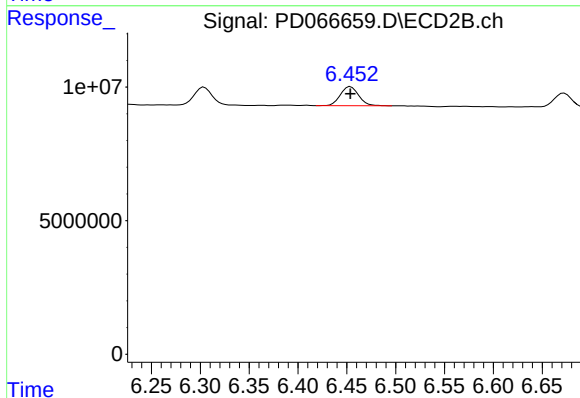
#13 Dieldrin

R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 2160812
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

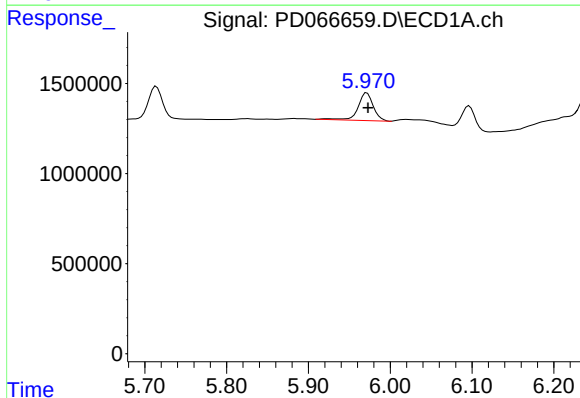
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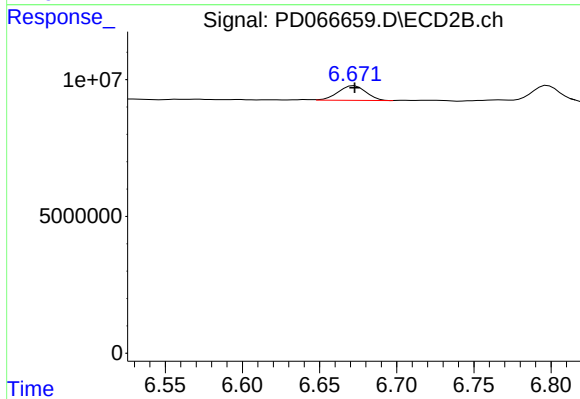
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 9352051
Conc: 1.13 ng/ml



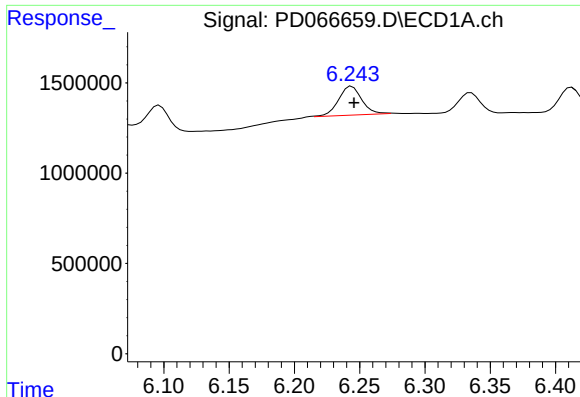
#14 Endrin

R.T.: 5.971 min
Delta R.T.: -0.002 min
Response: 2006886
Conc: 0.96 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 6740490
Conc: 0.98 ng/ml



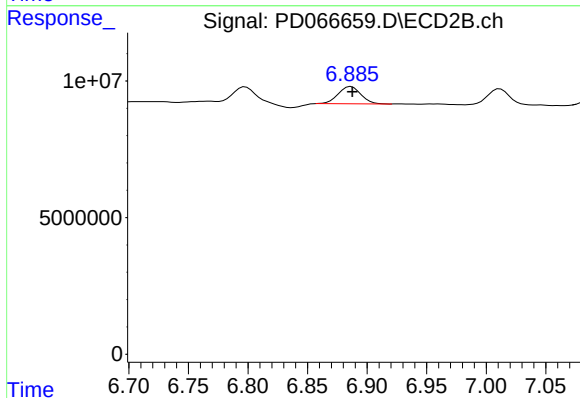
#15 Endosulfan II

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 1990033
Conc: 1.00 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

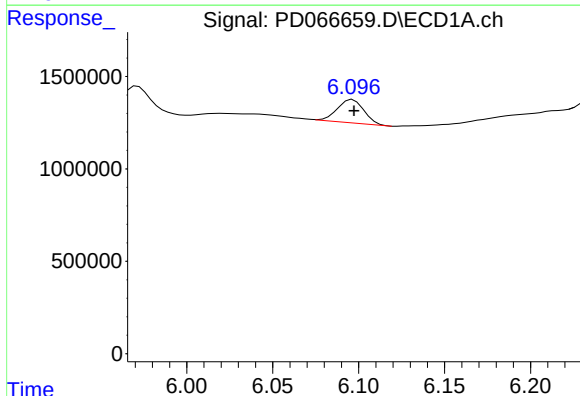
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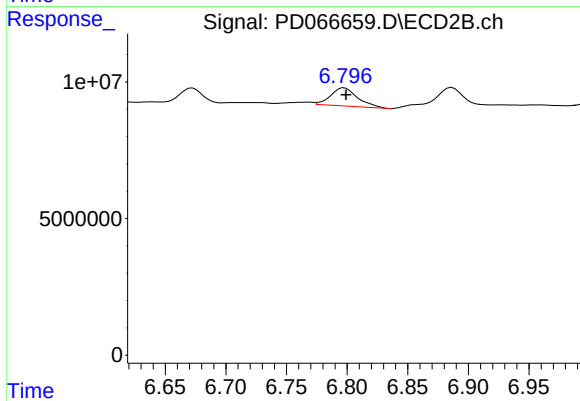
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 8394938
Conc: 1.19 ng/ml m



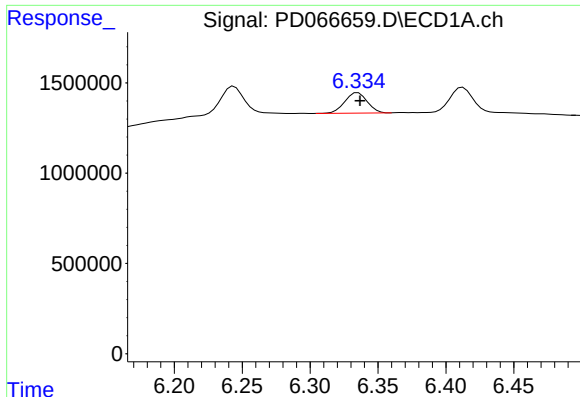
#16 4,4'-DDD

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 1353810
Conc: 0.72 ng/ml m



#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 10238092
Conc: 1.51 ng/ml



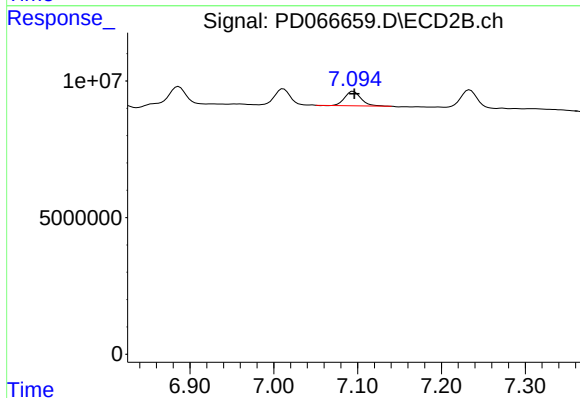
#17 4,4'-DDT

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 1302881
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

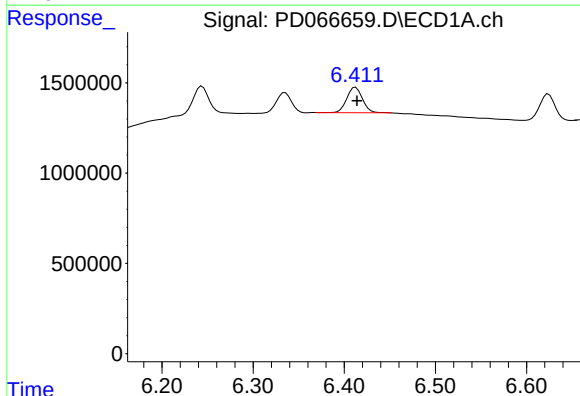
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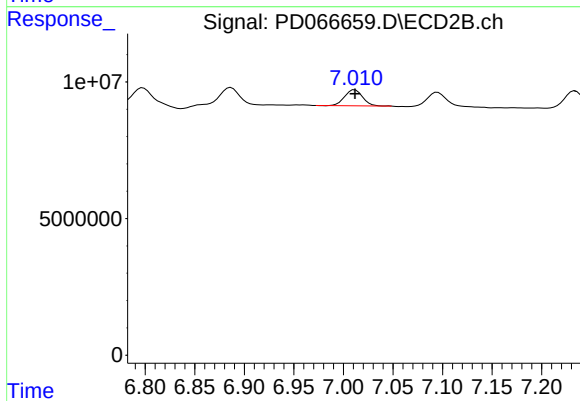
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: -0.001 min
Response: 7144530
Conc: 0.99 ng/ml



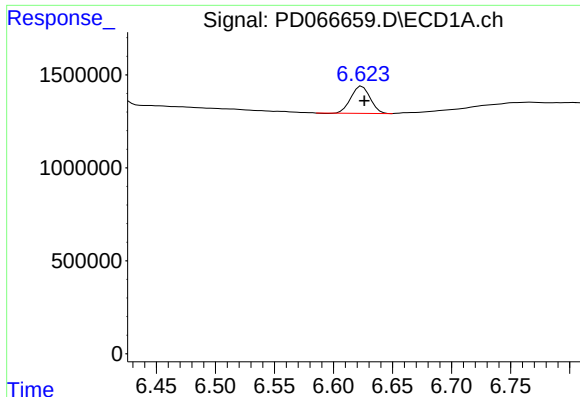
#18 Endrin aldehyde

R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 1699095
Conc: 1.10 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 7436495
Conc: 1.31 ng/ml



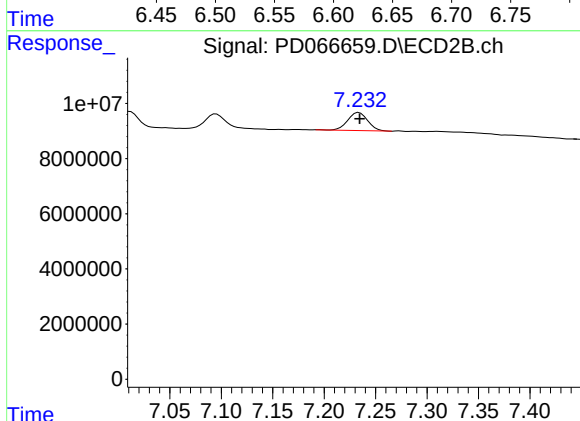
#19 Endosulfan Sulfate

R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 1665508
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

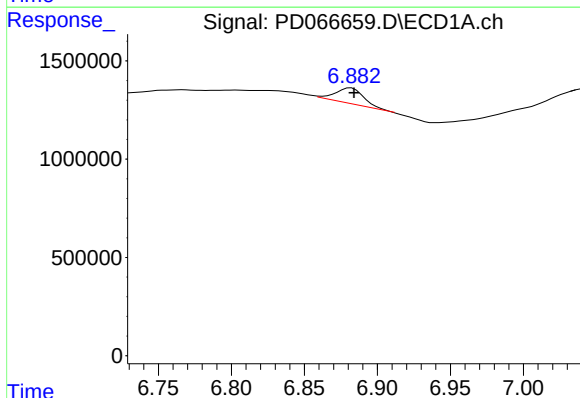
Manual Integrations
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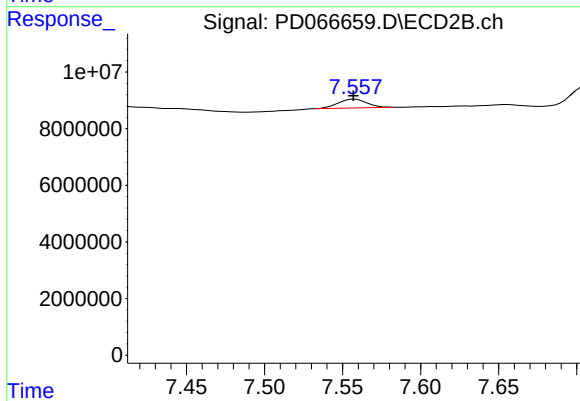
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 8891191
Conc: 1.23 ng/ml



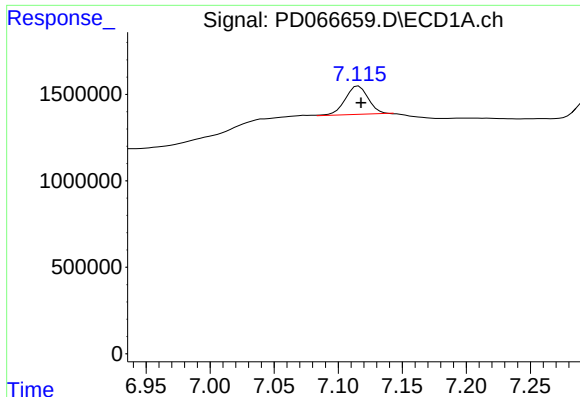
#20 Methoxychlor

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 1047414
Conc: 1.01 ng/ml m



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 4029249
Conc: 0.99 ng/ml m



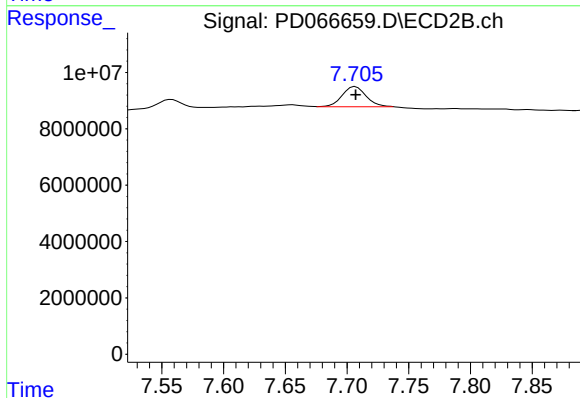
#21 Endrin ketone

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 2051377
Conc: 0.94 ng/ml m

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

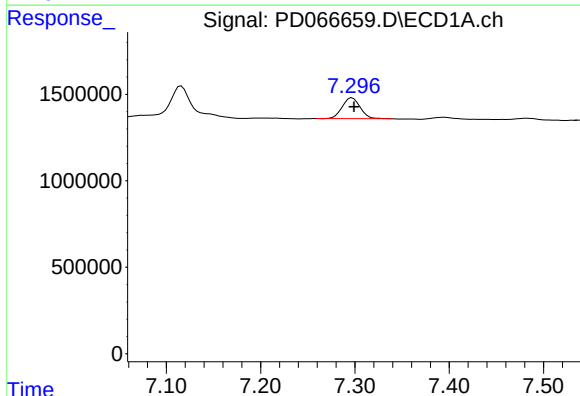
Manual Integrations
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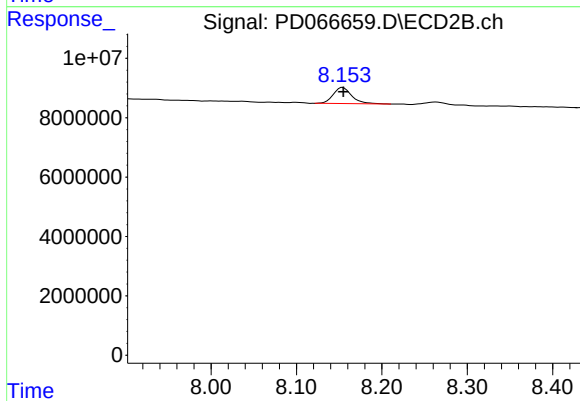
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.002 min
Response: 9695371
Conc: 1.15 ng/ml m



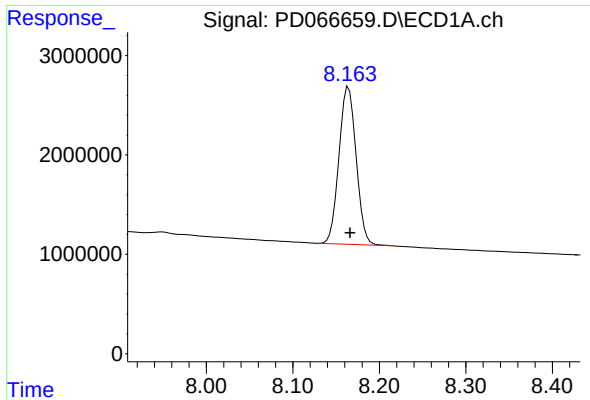
#22 Mirex

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 1602286
Conc: 1.03 ng/ml



#22 Mirex

R.T.: 8.154 min
Delta R.T.: 0.000 min
Response: 8041860
Conc: 1.36 ng/ml



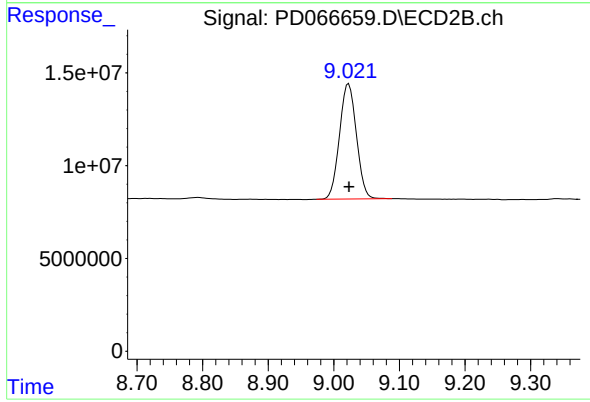
#28 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 21711060
Conc: 18.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2021

Manual Integrations
APPROVED

mohammad
11/2/2021 1:47:55 PM



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 111407238
Conc: 20.68 ng/ml