

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031821\
 Data File : PL065403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2021 18:27
 Operator : AR\AJ
 Sample : M1458-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 28 Sample Multiplier: 1

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

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 07:14:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.289	3.789	45894323	47090706	19.326	17.157
28)	SA Decachlor...	7.932	8.742	48165662	39064193	19.936	19.708
Target Compounds							
2)	A alpha-BHC	3.713	4.174	3633093	2417038	0.972	0.595 #
3)	MA gamma-BHC...	3.986	4.454	2639869	2118403	0.772	0.580
4)	MA Heptachlor	4.273	4.941	1910607	3557636	0.584	1.067 #
5)	MB Aldrin	4.510	5.237	2356765	2238307	0.744	0.683
6)	B beta-BHC	4.235	4.638	1988171	4873868	1.406m	2.829 #
7)	B delta-BHC	4.429	4.846	2485747	1646168	0.747m	0.551 #
8)	B Heptachlo...	4.943	5.621	2557391	2372867	0.865	0.821m
9)	A Endosulfan I	5.270	5.974	2134936	1844606	0.783	0.701
10)	B gamma-Chl...	5.164	5.852	2509017	2242984	0.850	0.804m
11)	B alpha-Chl...	5.220	5.923	2506187	2309468	0.861	0.832m
12)	B 4,4'-DDE	5.386	6.088	2183567	1620901	0.830	0.651
13)	MA Dieldrin	5.508	6.230	2057548	2133081	0.735	0.784
14)	MA Endrin	5.758	6.445	2181862	1329678	0.874	0.602 #
15)	B Endosulfa...	6.029	6.660	2429892	1637016	0.992	0.725m#
16)	A 4,4'-DDD	5.893	6.578	1375851	2559189	0.623	1.164 #
17)	MA 4,4'-DDT	6.126	6.872	1288026	1178795	0.681	0.601
18)	B Endrin al...	6.196	6.786	1805477	1358536	0.940	0.775
19)	B Endosulfa...	6.407	7.008	2212084	1818770	0.895	0.829
20)	A Methoxychlor	6.672	7.338	768857	746325	0.671	0.715
21)	B Endrin ke...	6.886	7.472	2174271	1603578	0.809	0.680m
22)	Mirex	7.059	7.912	1721897	1245413	0.846	0.748

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

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 Data File : PL065403.D
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 Acq On : 18 Mar 2021 18:27
 Operator : AR\AJ
 Sample : M1458-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 28 Sample Multiplier: 1

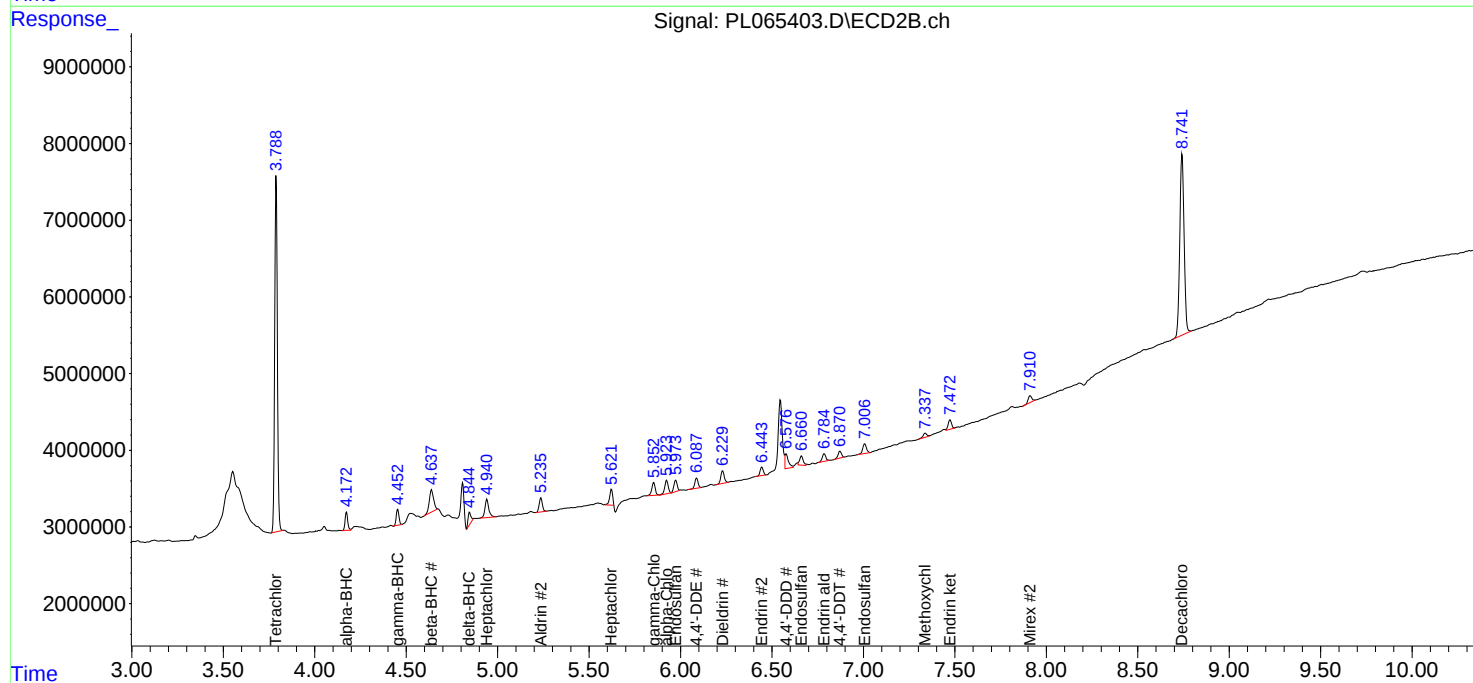
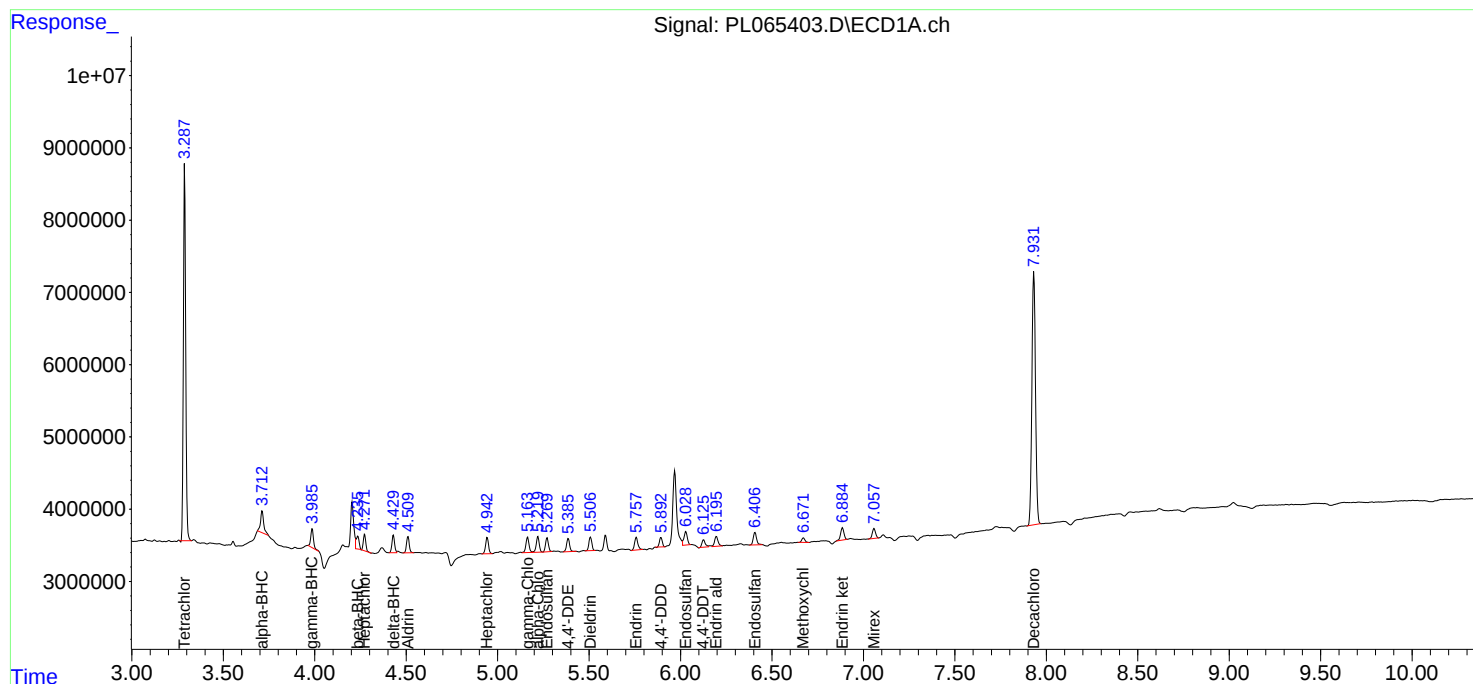
Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

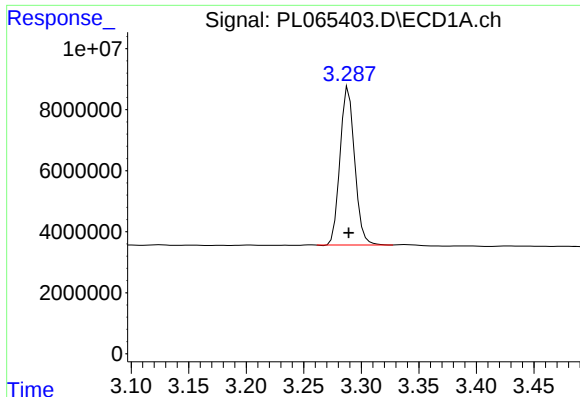
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 07:14:04 2021
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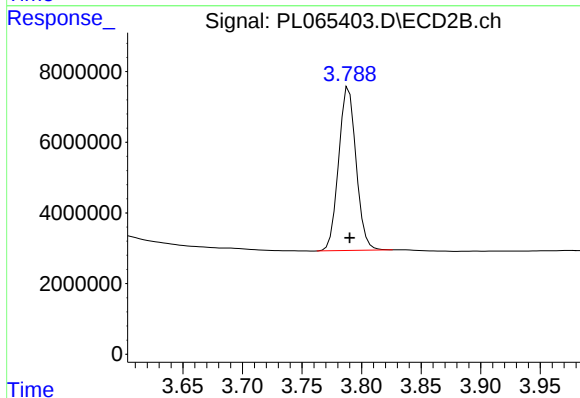
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 45894323
Conc: 19.33 ng/ml

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

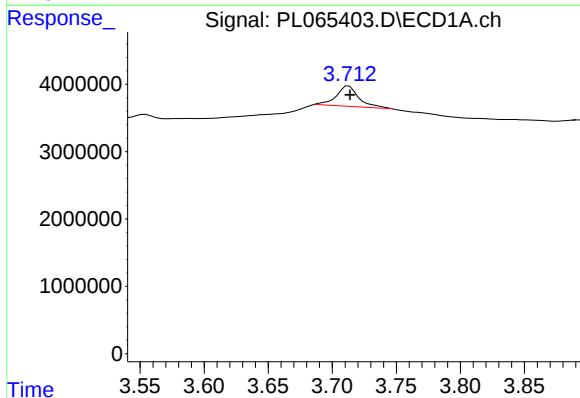
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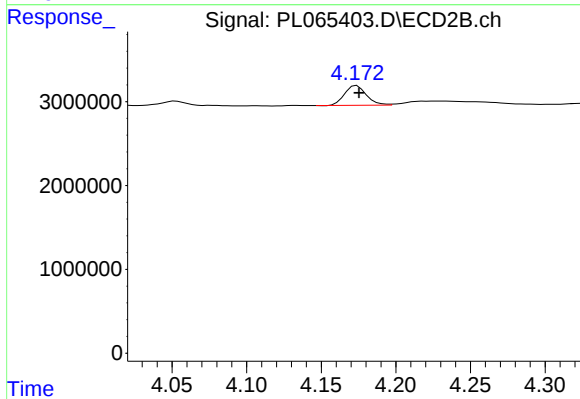
#1 Tetrachloro-m-xylene

R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 47090706
Conc: 17.16 ng/ml



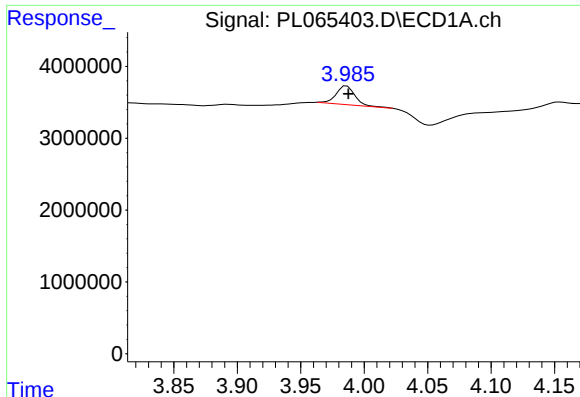
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: 0.000 min
Response: 3633093
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 2417038
Conc: 0.59 ng/ml



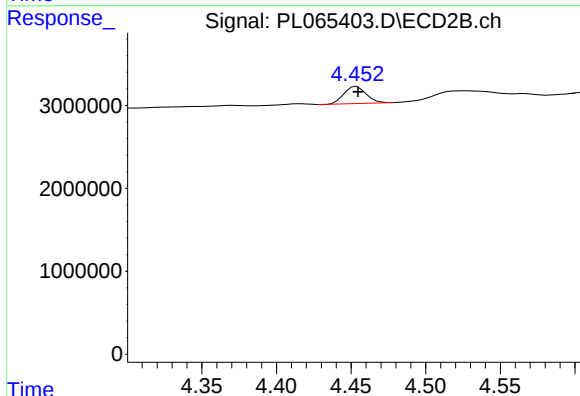
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 2639869
Conc: 0.77 ng/ml

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

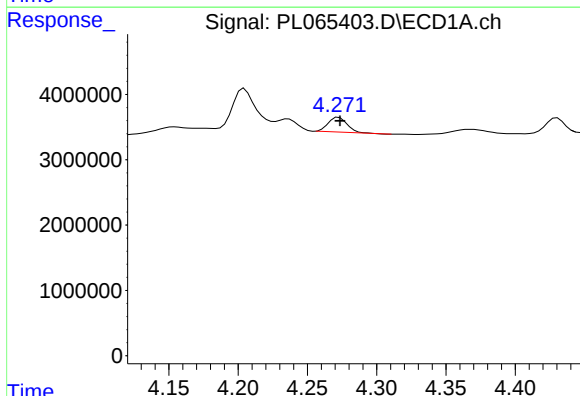
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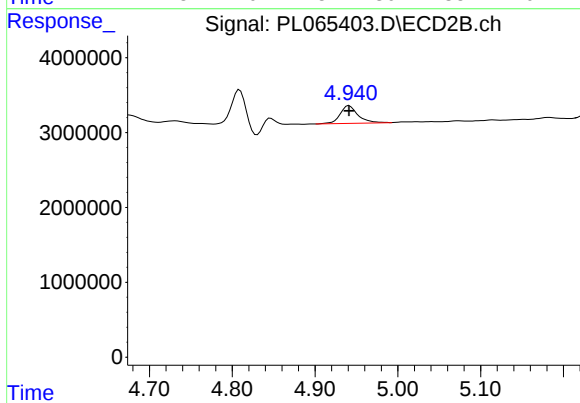
#3 gamma-BHC (Lindane)

R.T.: 4.454 min
Delta R.T.: 0.000 min
Response: 2118403
Conc: 0.58 ng/ml



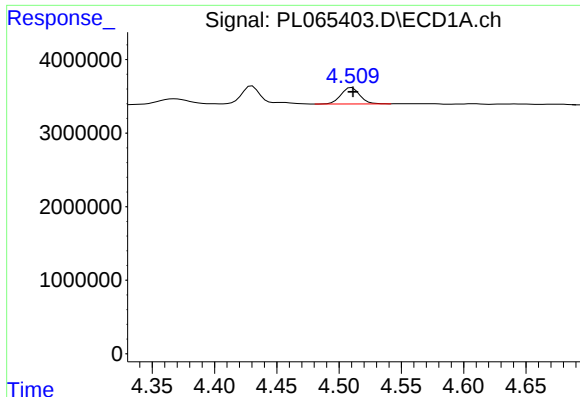
#4 Heptachlor

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 1910607
Conc: 0.58 ng/ml



#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 3557636
Conc: 1.07 ng/ml



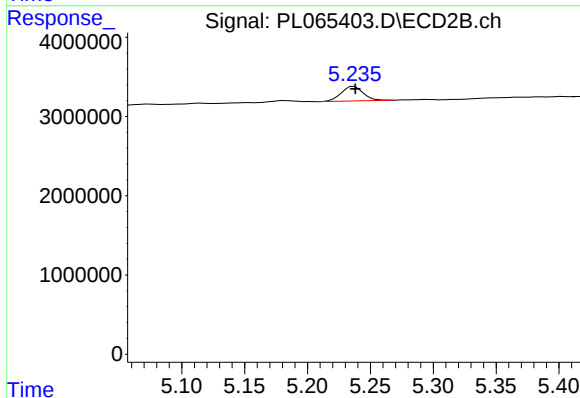
#5 Aldrin

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 2356765
Conc: 0.74 ng/ml

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

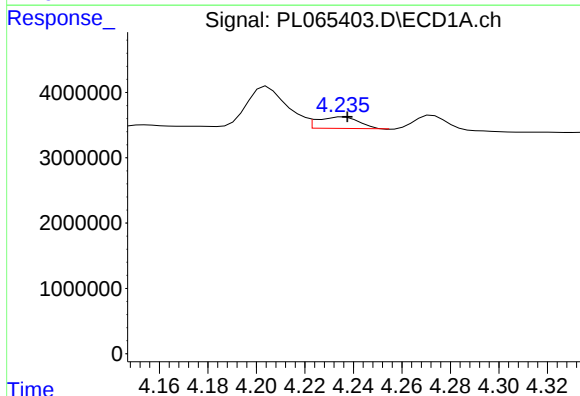
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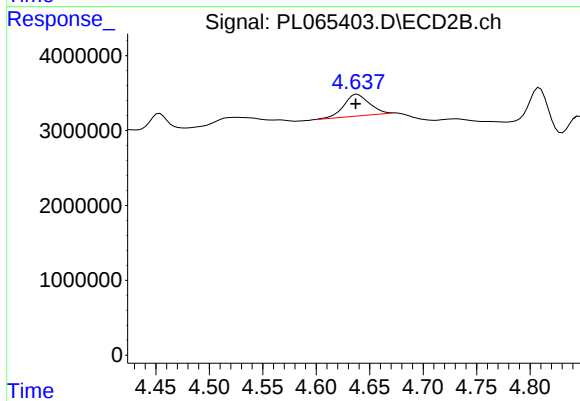
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 2238307
Conc: 0.68 ng/ml



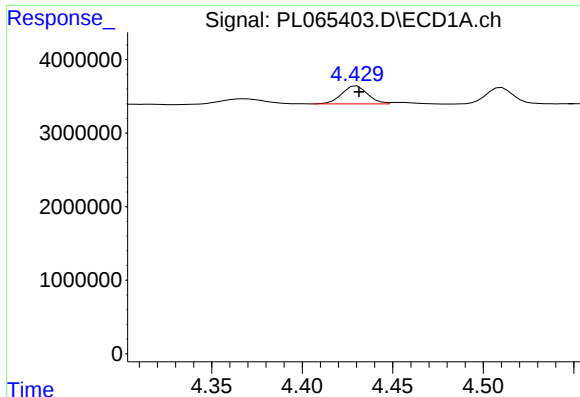
#6 beta-BHC

R.T.: 4.235 min
Delta R.T.: -0.003 min
Response: 1988171
Conc: 1.41 ng/ml m



#6 beta-BHC

R.T.: 4.638 min
Delta R.T.: 0.002 min
Response: 4873868
Conc: 2.83 ng/ml



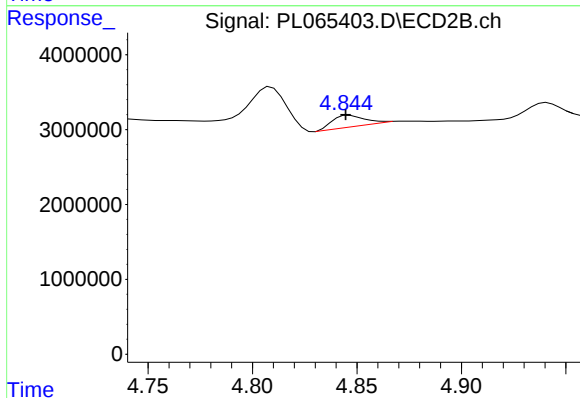
#7 delta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 2485747
Conc: 0.75 ng/ml m

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

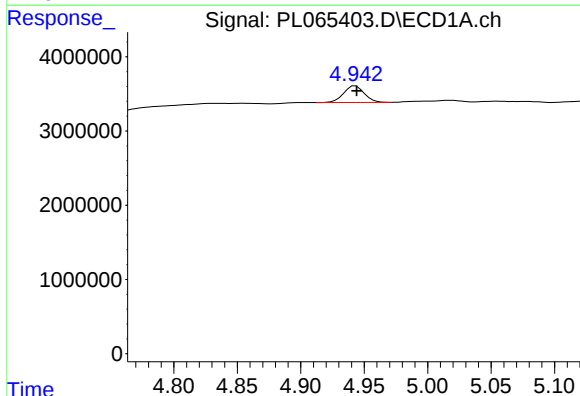
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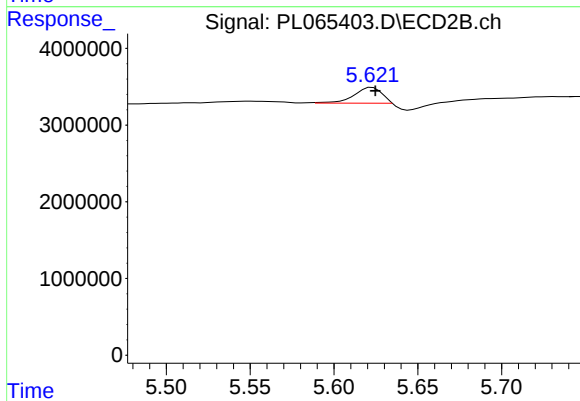
#7 delta-BHC

R.T.: 4.846 min
Delta R.T.: 0.002 min
Response: 1646168
Conc: 0.55 ng/ml



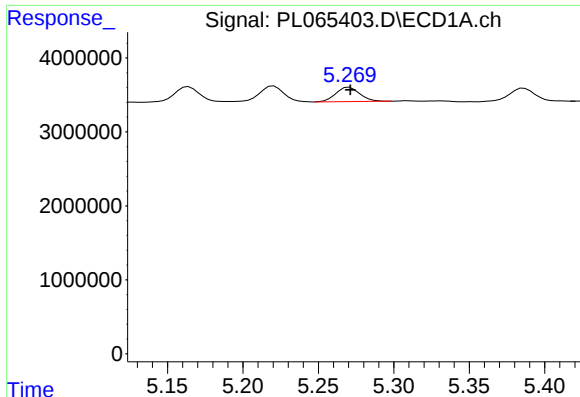
#8 Heptachlor epoxide

R.T.: 4.943 min
Delta R.T.: -0.001 min
Response: 2557391
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

R.T.: 5.621 min
Delta R.T.: -0.003 min
Response: 2372867
Conc: 0.82 ng/ml m



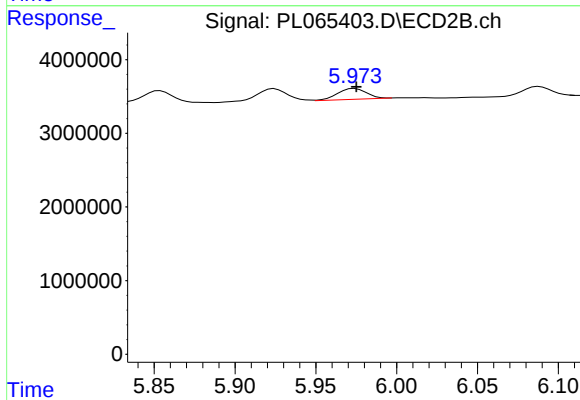
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 2134936
Conc: 0.78 ng/ml

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

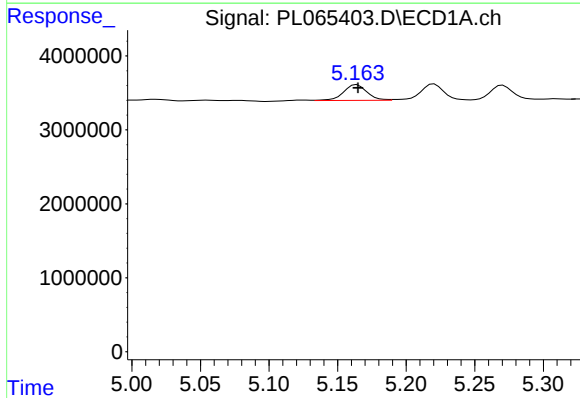
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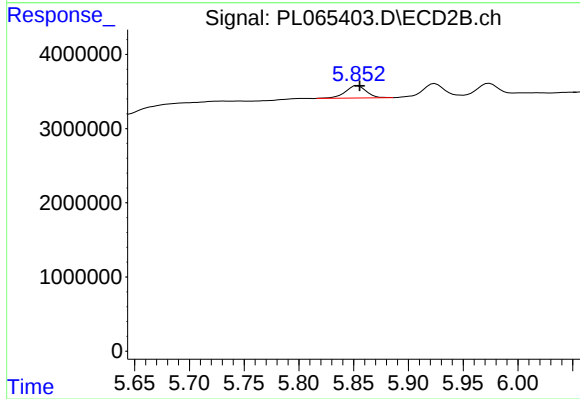
#9 Endosulfan I

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 1844606
Conc: 0.70 ng/ml



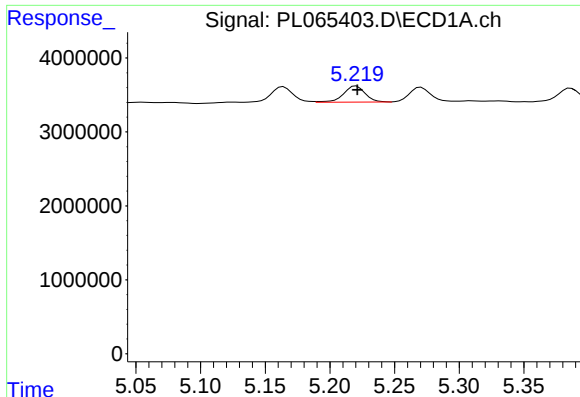
#10 gamma-Chlordane

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 2509017
Conc: 0.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 2242984
Conc: 0.80 ng/ml m



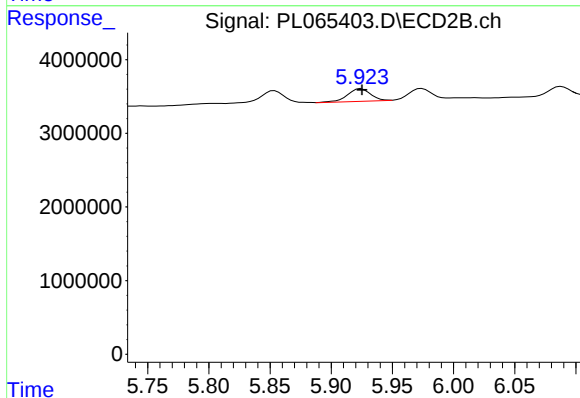
#11 alpha-Chlordane

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 2506187
Conc: 0.86 ng/ml

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

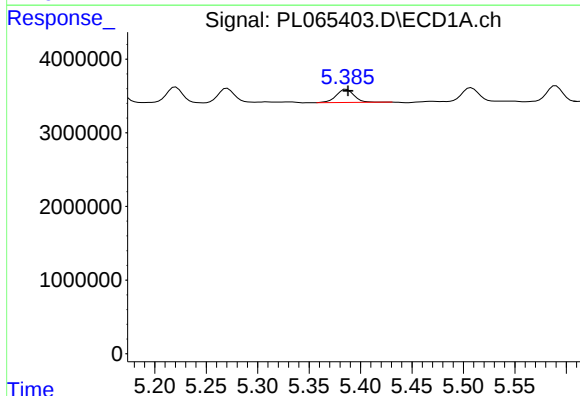
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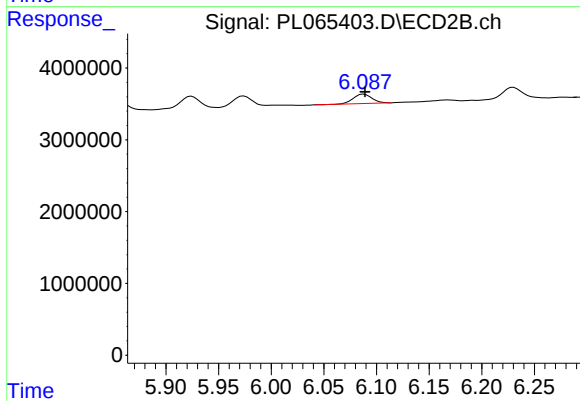
#11 alpha-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 2309468
Conc: 0.83 ng/ml m



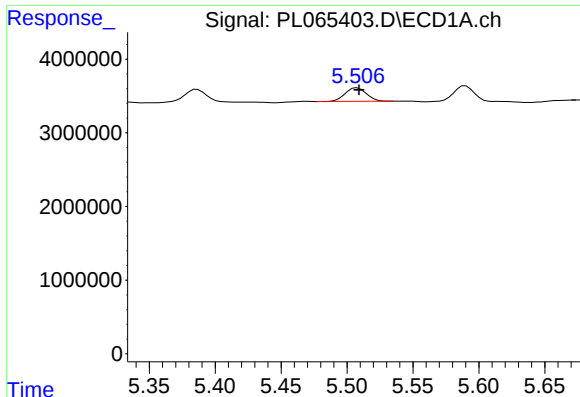
#12 4,4'-DDE

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 2183567
Conc: 0.83 ng/ml



#12 4,4'-DDE

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 1620901
Conc: 0.65 ng/ml



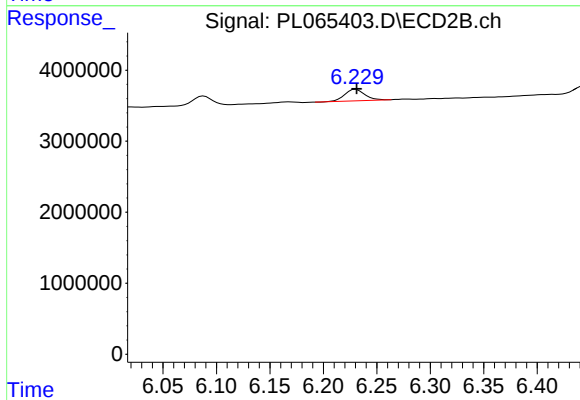
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 2057548
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
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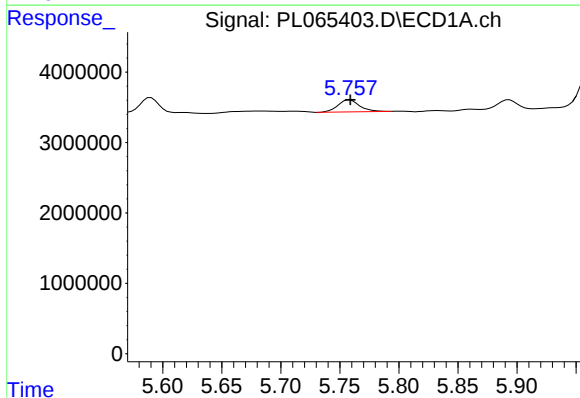
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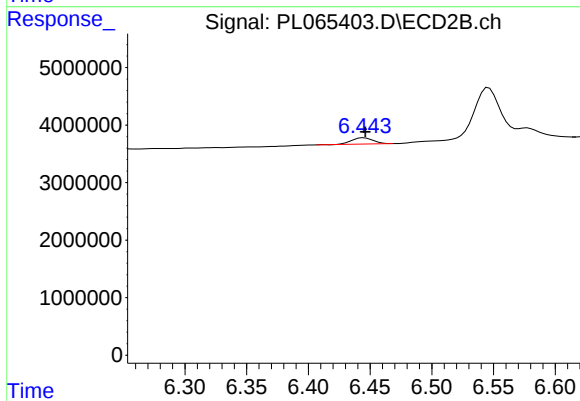
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 2133081
Conc: 0.78 ng/ml



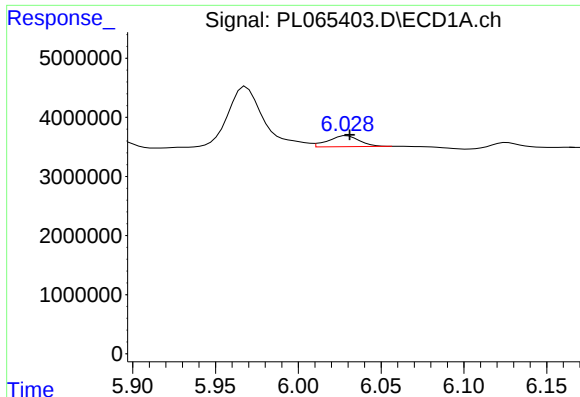
#14 Endrin

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 2181862
Conc: 0.87 ng/ml



#14 Endrin

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 1329678
Conc: 0.60 ng/ml



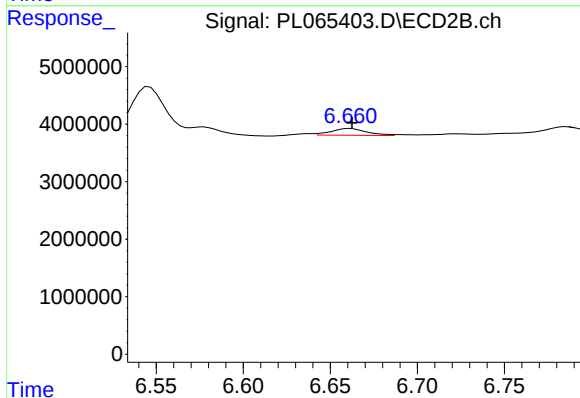
#15 Endosulfan II

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 2429892
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
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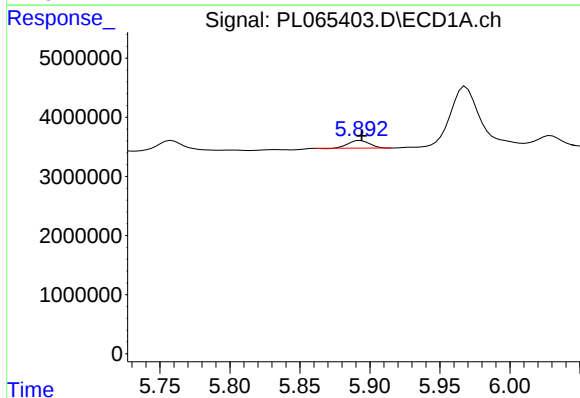
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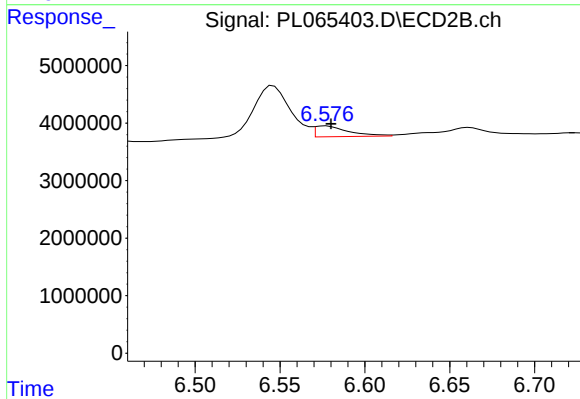
#15 Endosulfan II

R.T.: 6.660 min
Delta R.T.: -0.003 min
Response: 1637016
Conc: 0.73 ng/ml m



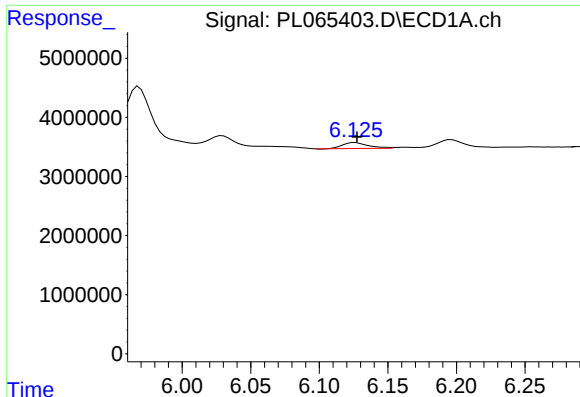
#16 4,4'-DDD

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 1375851
Conc: 0.62 ng/ml



#16 4,4'-DDD

R.T.: 6.578 min
Delta R.T.: -0.003 min
Response: 2559189
Conc: 1.16 ng/ml



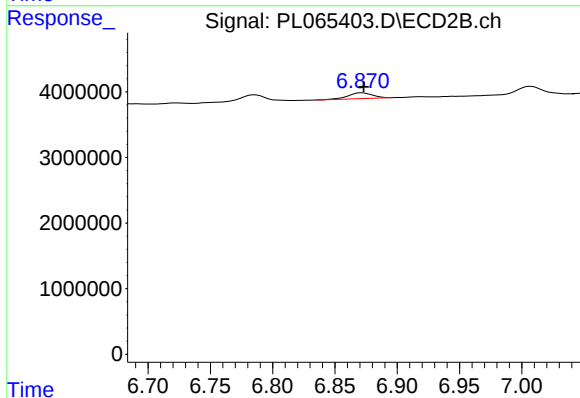
#17 4,4'-DDT

R.T.: 6.126 min
Delta R.T.: -0.001 min
Response: 1288026
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
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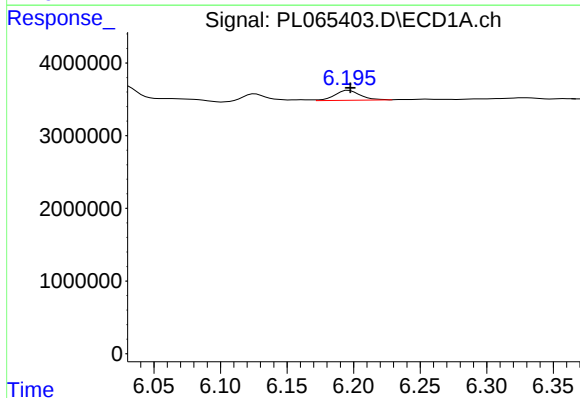
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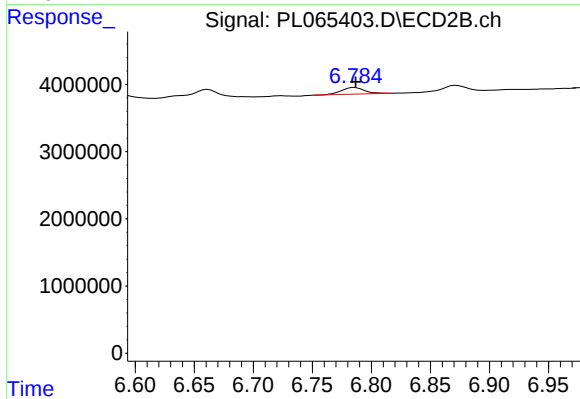
#17 4,4'-DDT

R.T.: 6.872 min
Delta R.T.: -0.001 min
Response: 1178795
Conc: 0.60 ng/ml



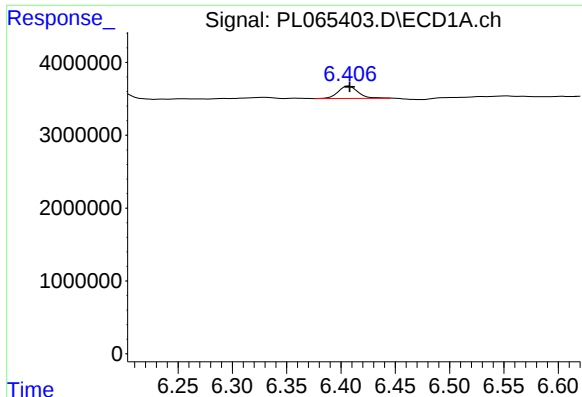
#18 Endrin aldehyde

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 1805477
Conc: 0.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 1358536
Conc: 0.78 ng/ml



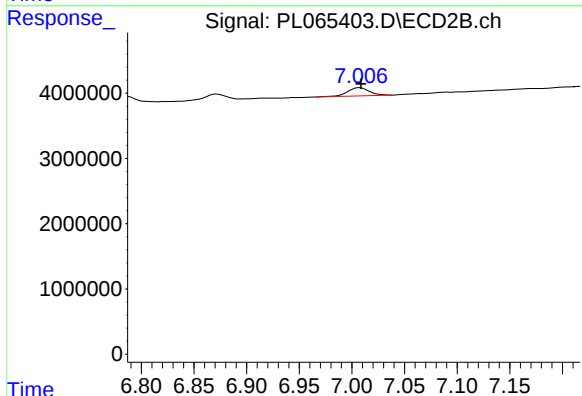
#19 Endosulfan Sulfate

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2212084
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
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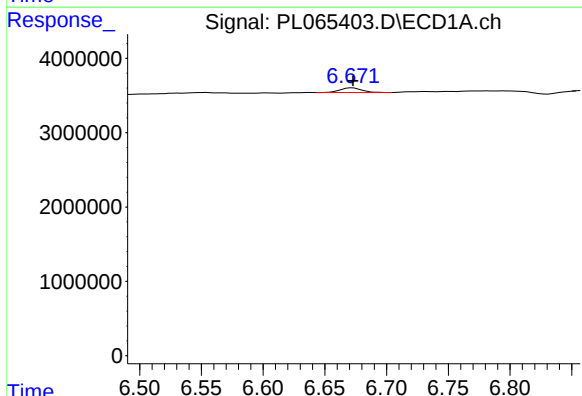
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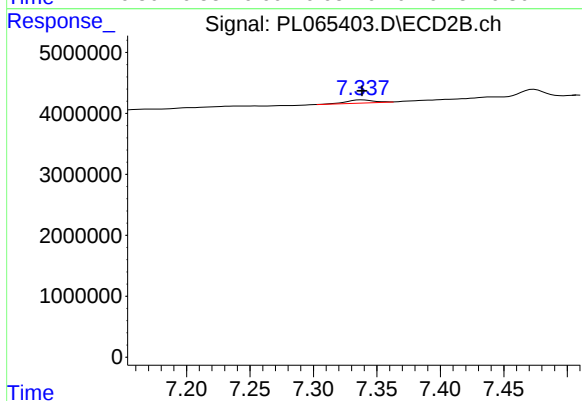
#19 Endosulfan Sulfate

R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 1818770
Conc: 0.83 ng/ml



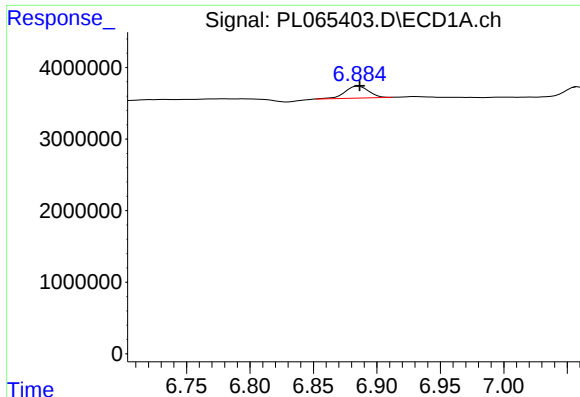
#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 768857
Conc: 0.67 ng/ml



#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 746325
Conc: 0.71 ng/ml



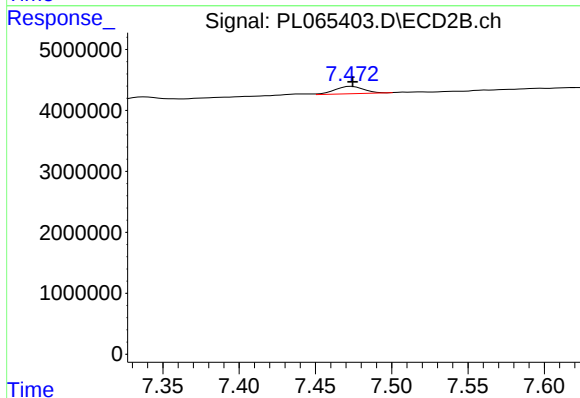
#21 Endrin ketone

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 2174271
Conc: 0.81 ng/ml

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

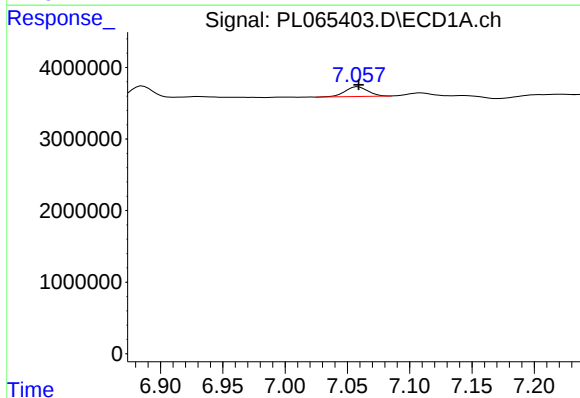
Manual Integrations
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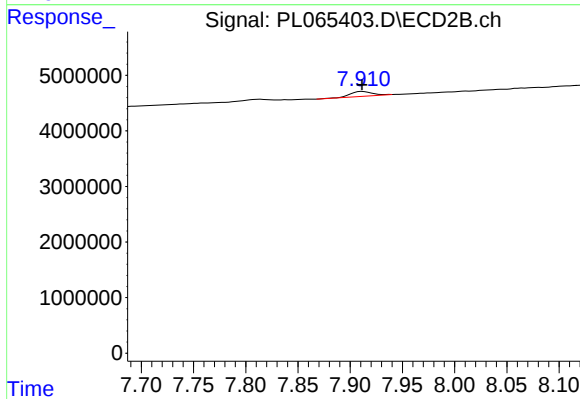
#21 Endrin ketone

R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 1603578
Conc: 0.68 ng/ml m



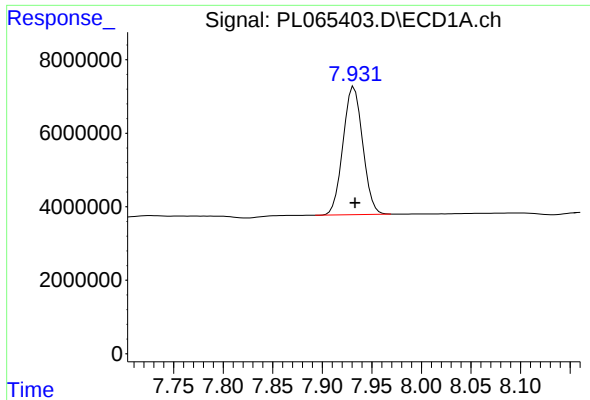
#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 1721897
Conc: 0.85 ng/ml



#22 Mirex

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 1245413
Conc: 0.75 ng/ml



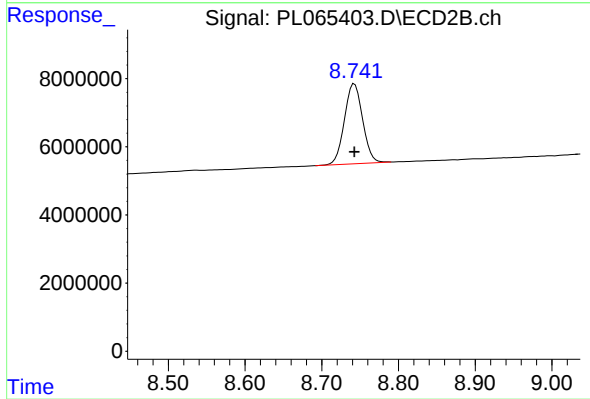
#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 48165662
Conc: 19.94 ng/ml

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

Manual Integrations
APPROVED

Ankita
3/19/2021 1:09:18 PM



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 39064193
Conc: 19.71 ng/ml