

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
 Data File : PL050674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2019 11:21
 Operator : SM\AJ
 Sample : K3591-03
 Misc : MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:16:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.320	3.930	236.4E6	65164312	23.524	22.839
28)	SA Decachlor...	7.981	8.961	265.3E6	68980075	26.197	24.393
Target Compounds							
2)	A alpha-BHC	3.747	4.318	16962642	3472381	1.012	0.842
3)	MA gamma-BHC...	4.022	4.601	15117243	3310658	0.983	0.855
4)	MA Heptachlor	4.306	5.103	16304092	4592306	0.994	1.107
5)	MB Aldrin	4.544	5.405	15361432	3807938	0.992	1.011
6)	B beta-BHC	4.277	4.780	7035066	3775609	1.073	2.184m#
7)	B delta-BHC	4.470	4.988	14291681	4926695	0.871	1.274m#
8)	B Heptachlo...	4.981	5.793	15128317	6811088	1.024	1.781m#
9)	A Endosulfan I	5.310	6.147	15726732	3469265	1.081m	1.009
10)	B gamma-Chl...	5.201	6.026	17558424	3519102	1.112m	0.952
11)	B alpha-Chl...	5.257	6.098	16040928	3697772	1.051m	1.009
12)	B 4,4'-DDE	5.426	6.258	15443498	3464976	1.031	0.962
13)	MA Dieldrin	5.550	6.403	16778160	3704644	1.083	1.046
14)	MA Endrin	5.801	6.620	13918012	2741071	0.945m	0.884
15)	B Endosulfa...	6.077	6.832	17018503	3318294	1.216	1.044m
16)	A 4,4'-DDD	5.937	6.747	14707472	2715660	1.227	1.020m
17)	MA 4,4'-DDT	6.169	7.044	8706176	2011007	0.703m	0.745m
18)	B Endrin al...	6.244	6.956	12451147	2826262	1.079	1.040m
19)	B Endosulfa...	6.455	7.178	15092446	3398300	1.185	1.177m
20)	A Methoxychlor	6.714	7.506	5463173	1188630	0.876m	0.810m
21)	B Endrin ke...	6.937	7.647	15050472	2762536	1.100	0.955
22)	Mirex	7.110	8.096	10695946	2418430	1.091	1.053m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
 Data File : PL050674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2019 11:21
 Operator : SM\AJ
 Sample : K3591-03
 Misc : MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

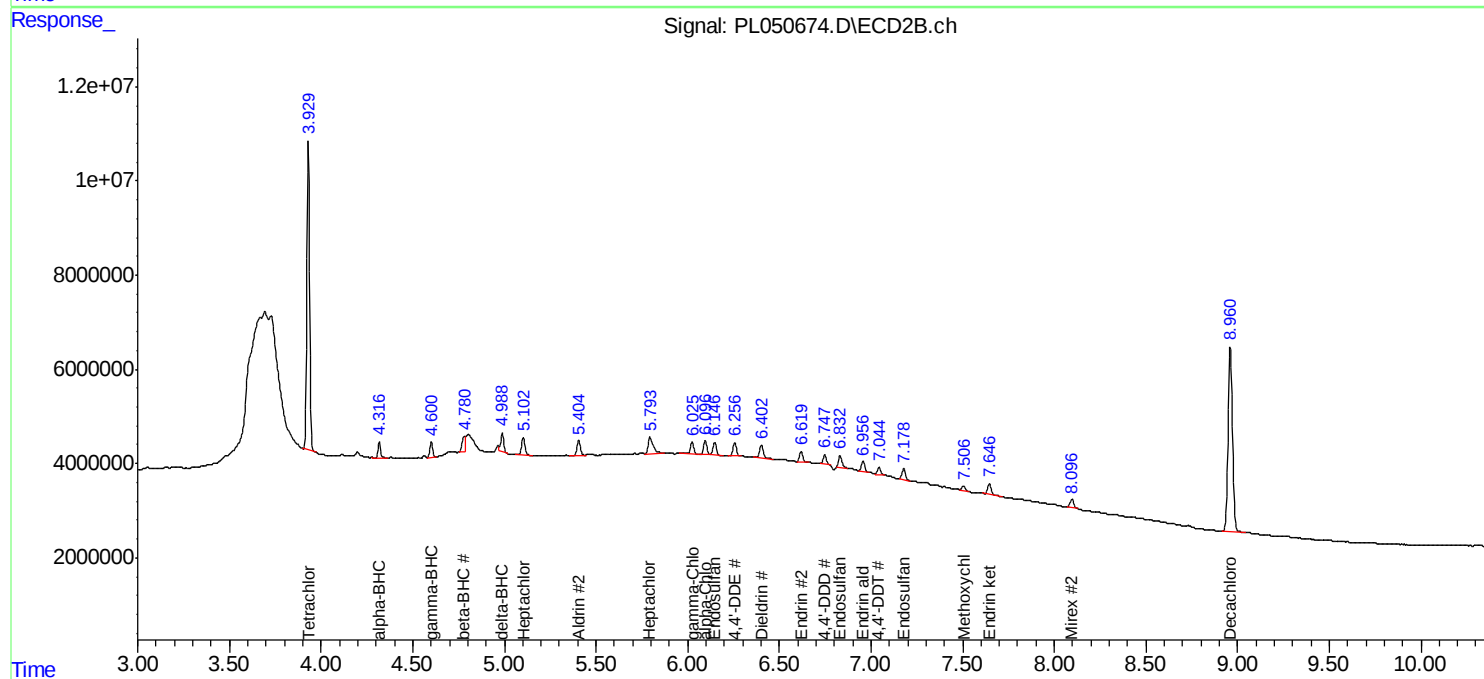
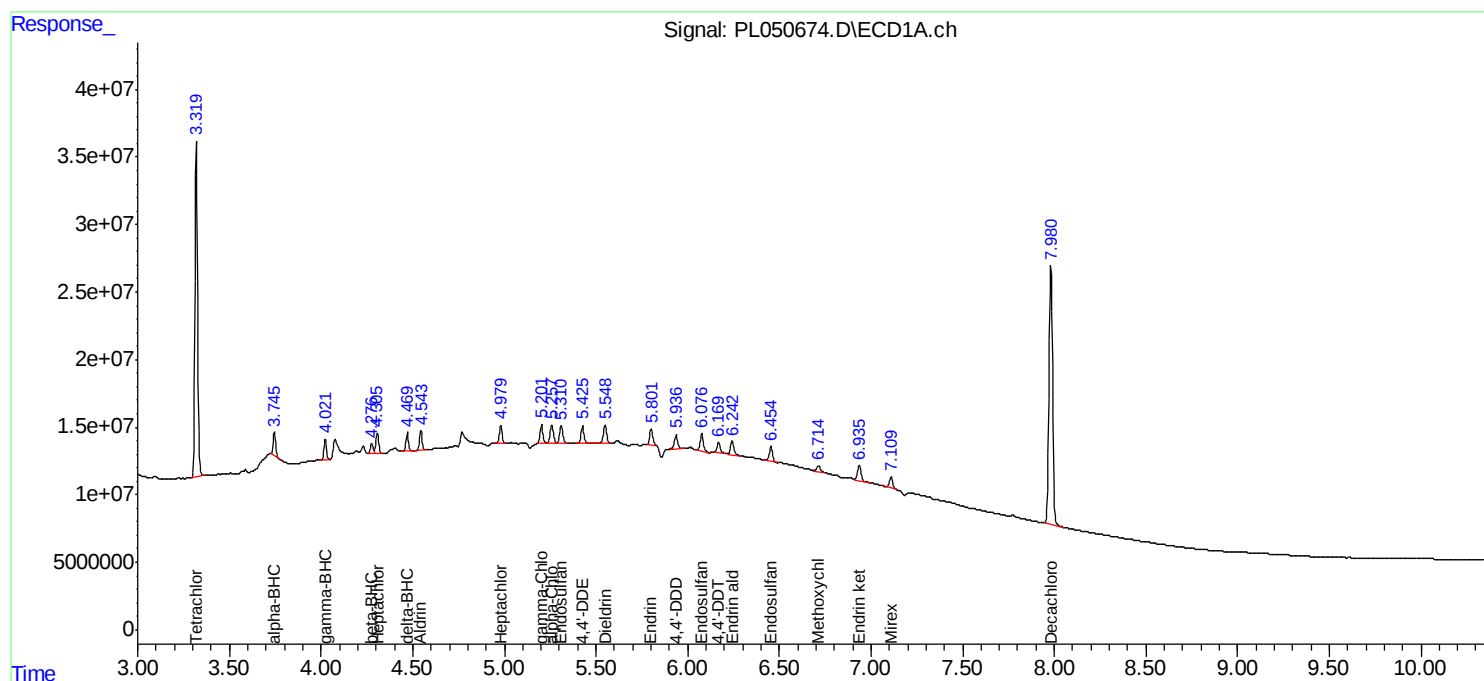
Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

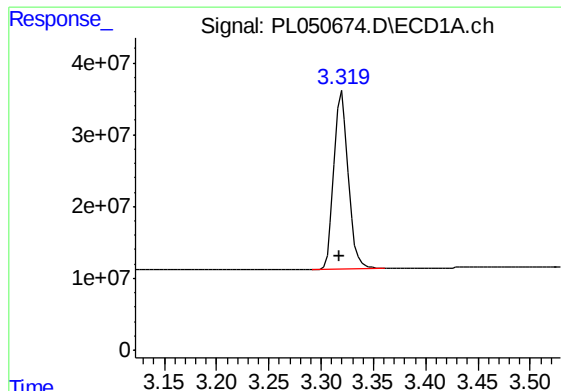
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:16:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 Response 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





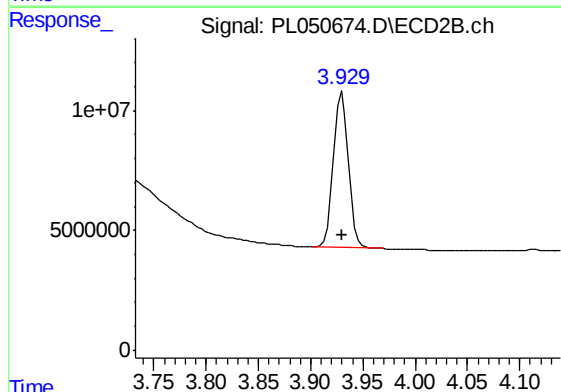
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: 0.002 min
Response: 236367270
Conc: 23.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

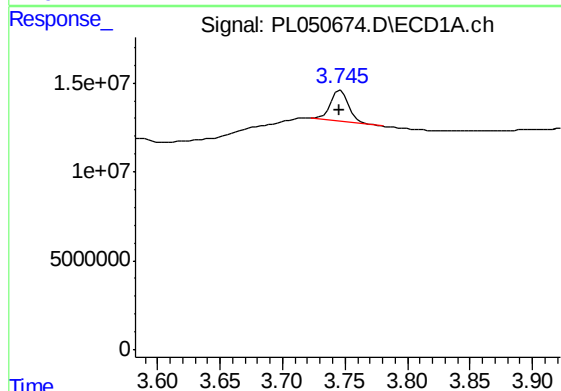
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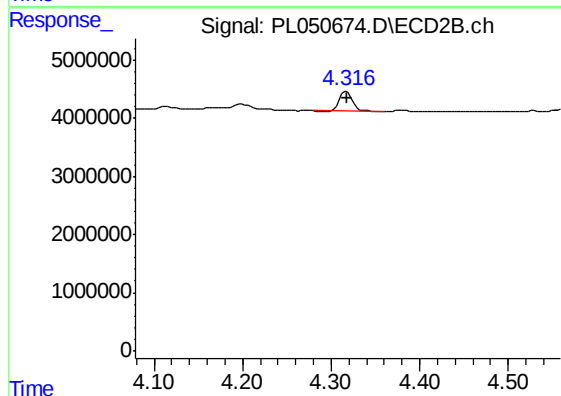
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 65164312
Conc: 22.84 ng/ml



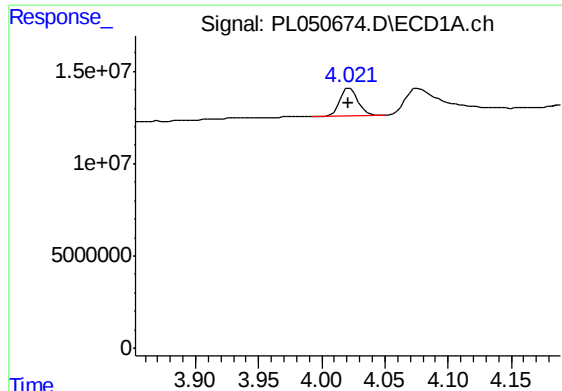
#2 alpha-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 16962642
Conc: 1.01 ng/ml



#2 alpha-BHC

R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3472381
Conc: 0.84 ng/ml



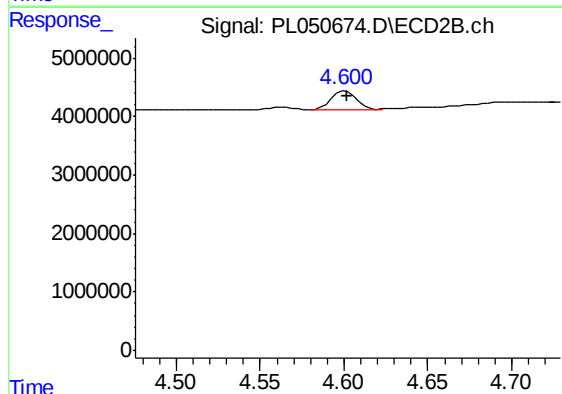
#3 gamma-BHC (Lindane)

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 15117243
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

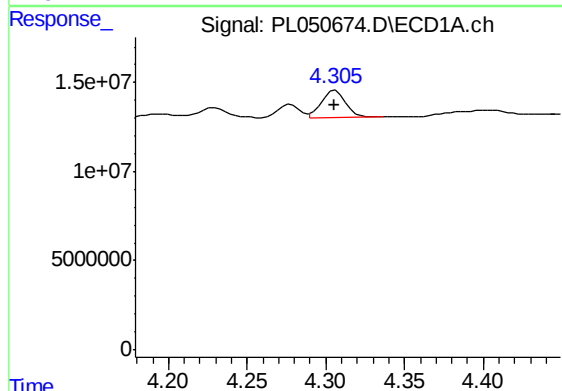
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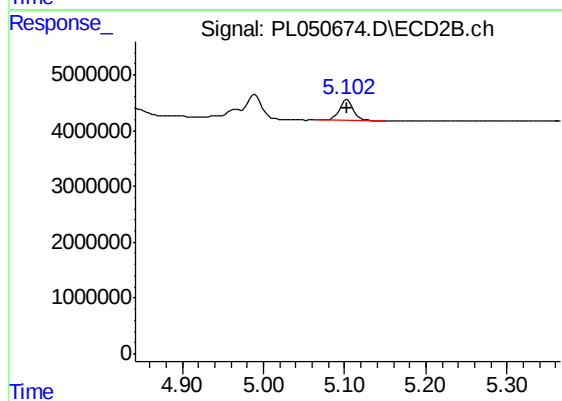
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3310658
Conc: 0.85 ng/ml



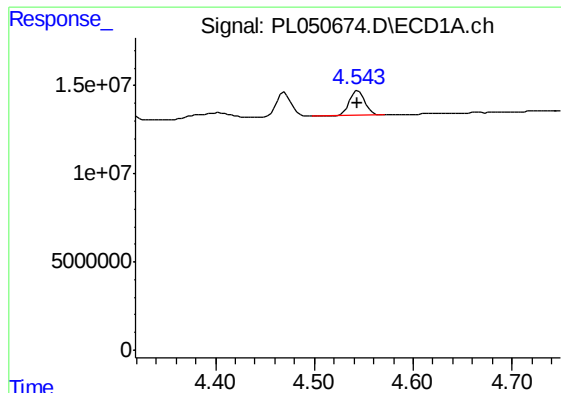
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: 0.001 min
Response: 16304092
Conc: 0.99 ng/ml



#4 Heptachlor

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 4592306
Conc: 1.11 ng/ml



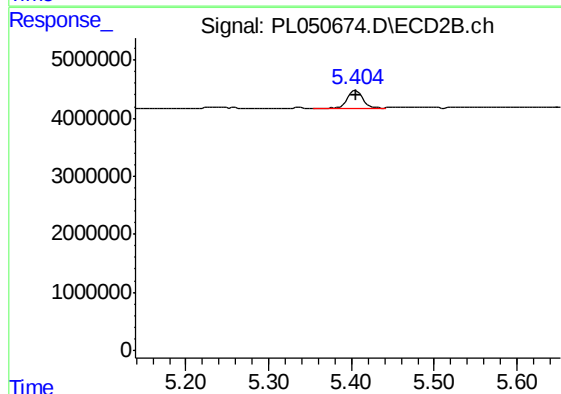
#5 Aldrin

R.T.: 4.544 min
Delta R.T.: 0.001 min
Response: 15361432
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

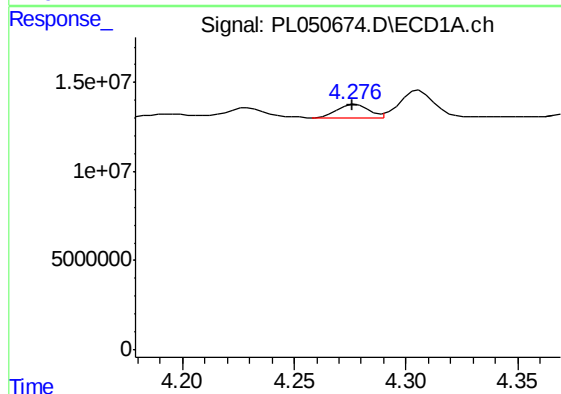
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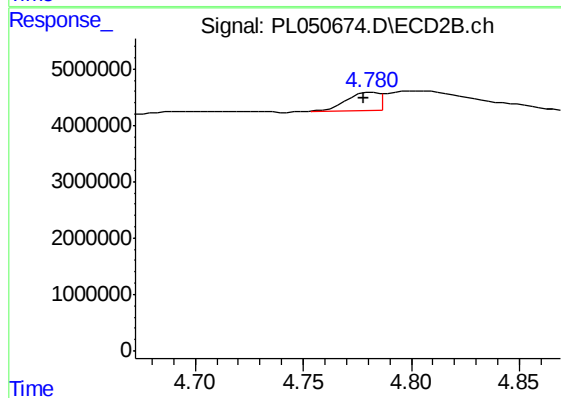
#5 Aldrin

R.T.: 5.405 min
Delta R.T.: 0.000 min
Response: 3807938
Conc: 1.01 ng/ml



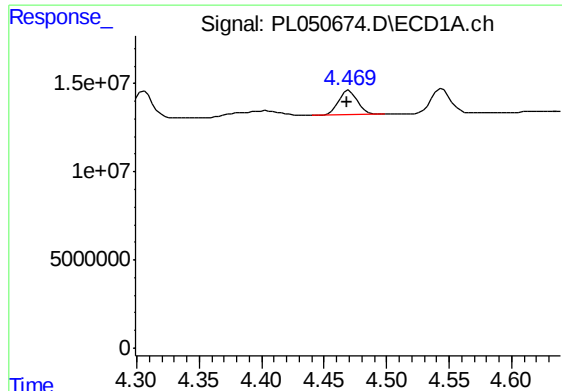
#6 beta-BHC

R.T.: 4.277 min
Delta R.T.: 0.001 min
Response: 7035066
Conc: 1.07 ng/ml



#6 beta-BHC

R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 3775609
Conc: 2.18 ng/ml m



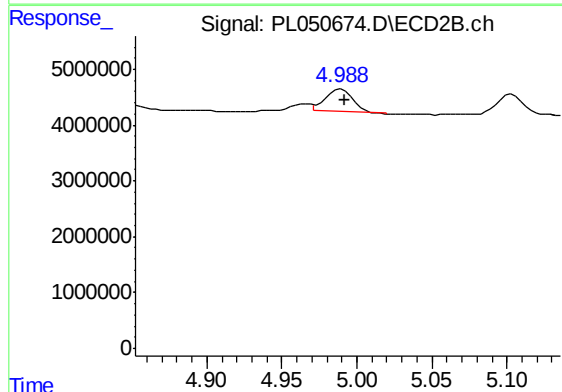
#7 delta-BHC

R.T.: 4.470 min
Delta R.T.: 0.001 min
Response: 14291681
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

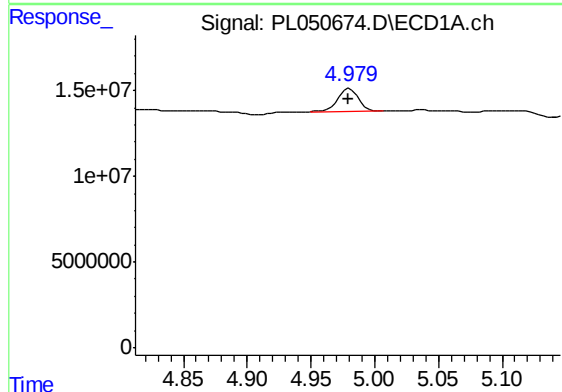
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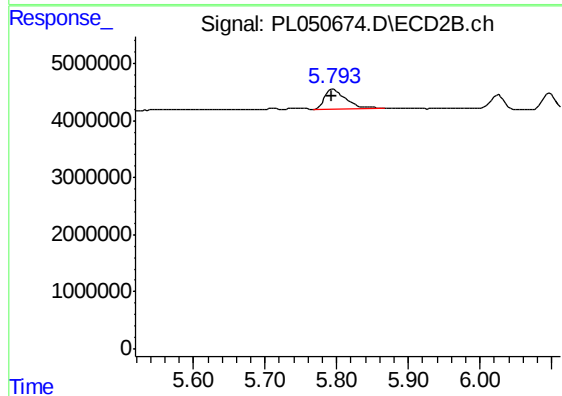
#7 delta-BHC

R.T.: 4.988 min
Delta R.T.: -0.003 min
Response: 4926695
Conc: 1.27 ng/ml m



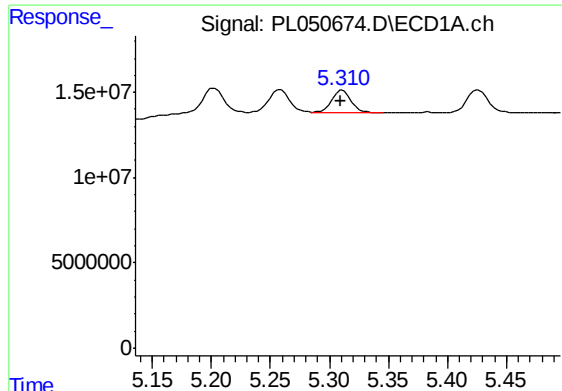
#8 Heptachlor epoxide

R.T.: 4.981 min
Delta R.T.: 0.001 min
Response: 15128317
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 6811088
Conc: 1.78 ng/ml m



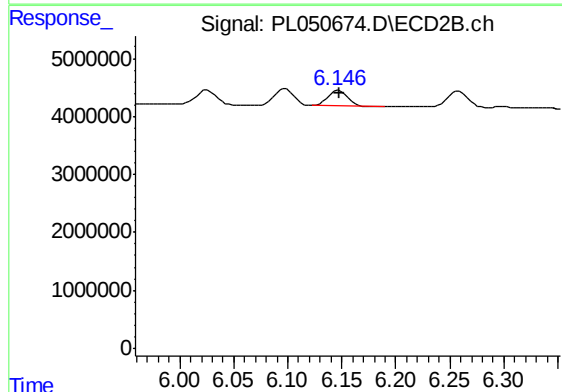
#9 Endosulfan I

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 15726732
Conc: 1.08 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

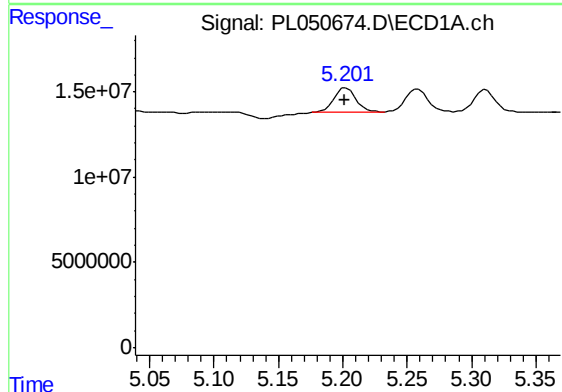
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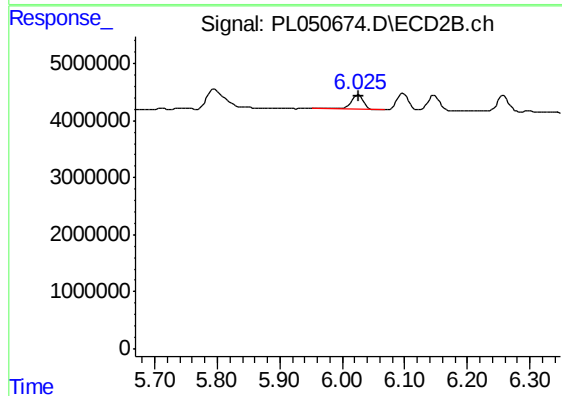
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3469265
Conc: 1.01 ng/ml



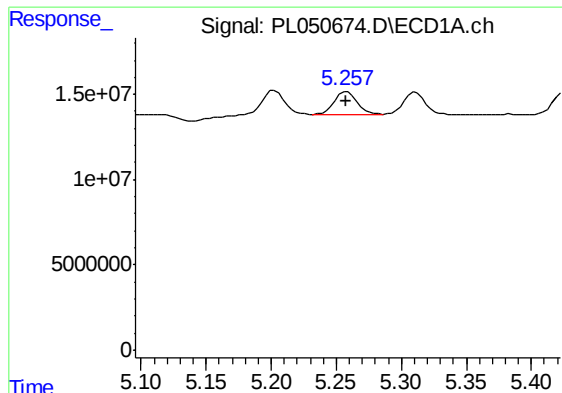
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 17558424
Conc: 1.11 ng/ml m



#10 gamma-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3519102
Conc: 0.95 ng/ml



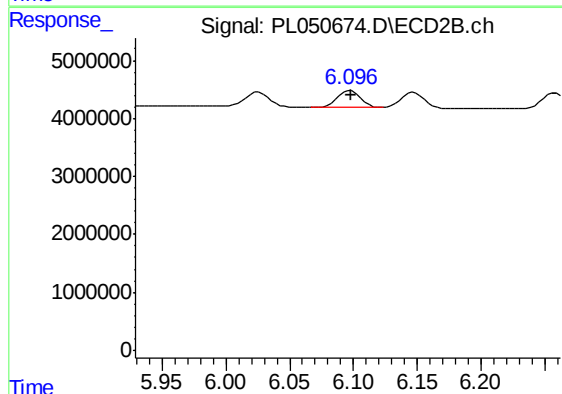
#11 alpha-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 16040928
Conc: 1.05 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

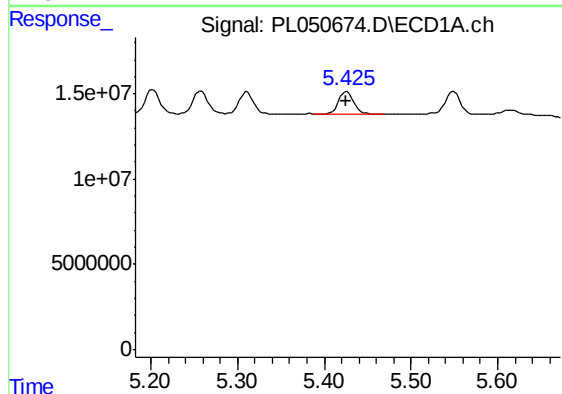
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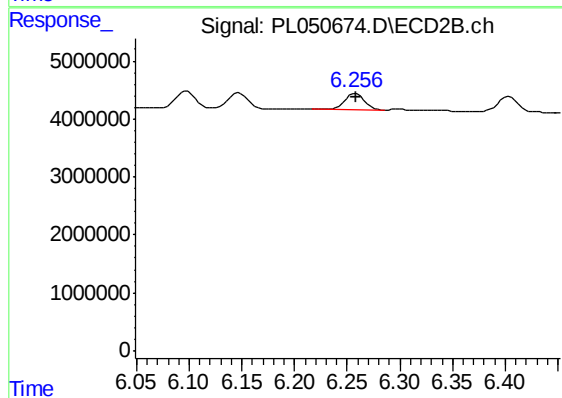
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 3697772
Conc: 1.01 ng/ml



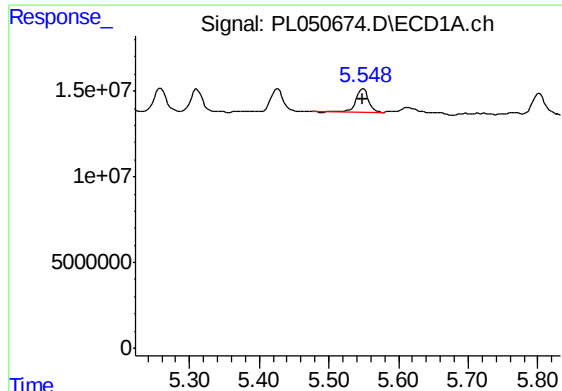
#12 4,4'-DDE

R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 15443498
Conc: 1.03 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3464976
Conc: 0.96 ng/ml



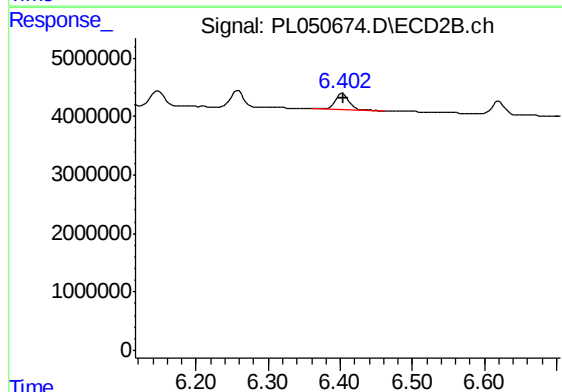
#13 Dieldrin

R.T.: 5.550 min
Delta R.T.: 0.001 min
Response: 16778160
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

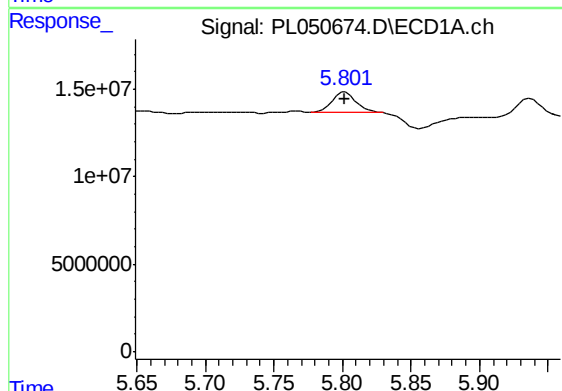
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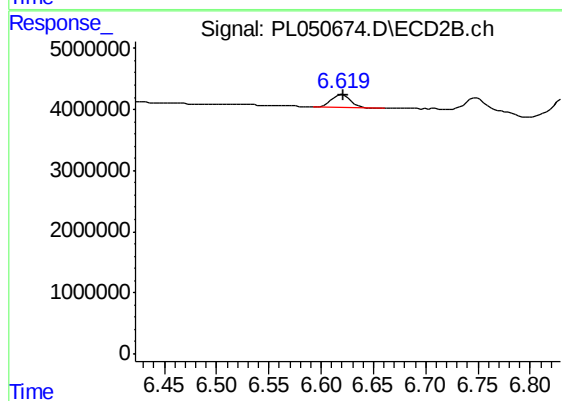
#13 Dieldrin

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 3704644
Conc: 1.05 ng/ml



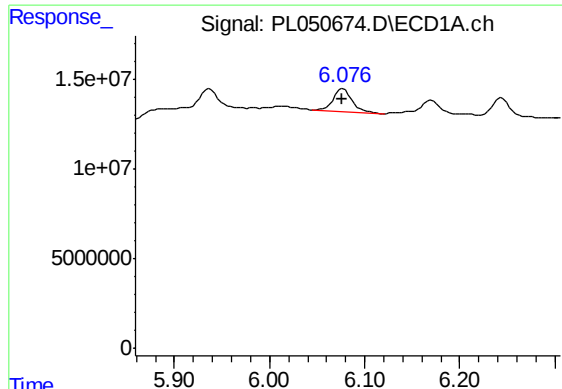
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 13918012
Conc: 0.95 ng/ml m



#14 Endrin

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 2741071
Conc: 0.88 ng/ml



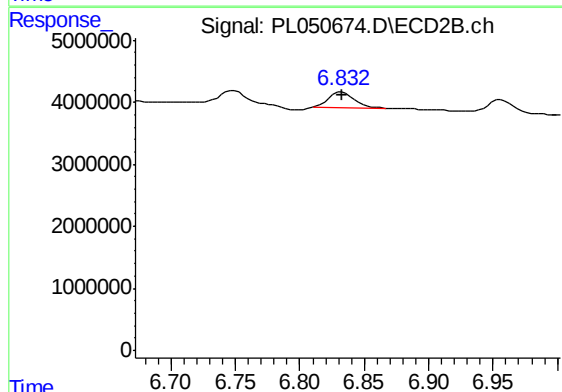
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 17018503
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

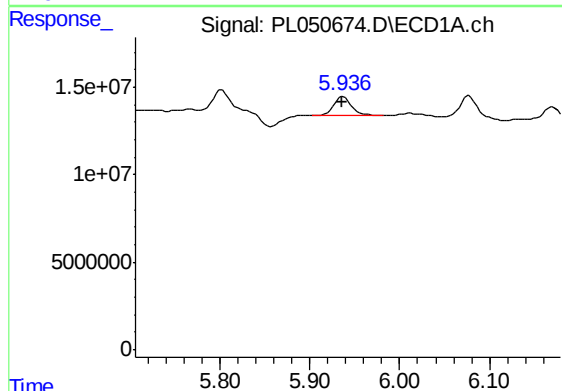
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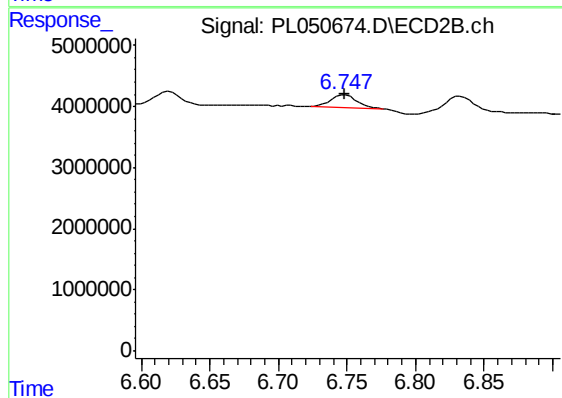
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 3318294
Conc: 1.04 ng/ml m



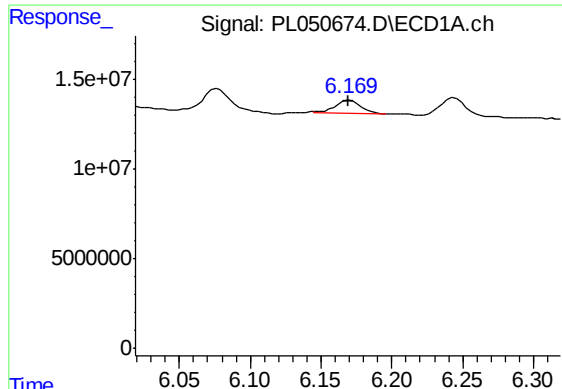
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 14707472
Conc: 1.23 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2715660
Conc: 1.02 ng/ml m



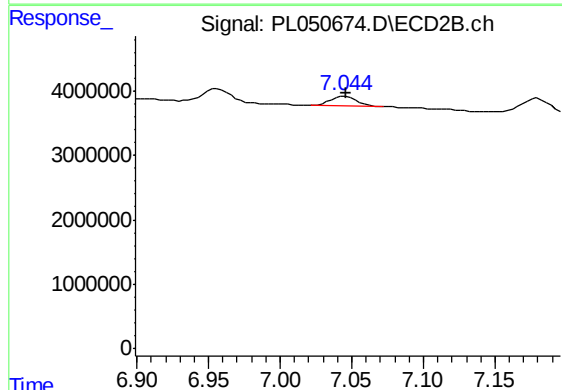
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 8706176
Conc: 0.70 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

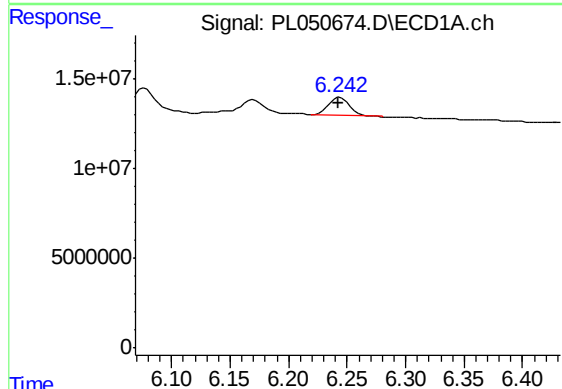
Manual Integrations
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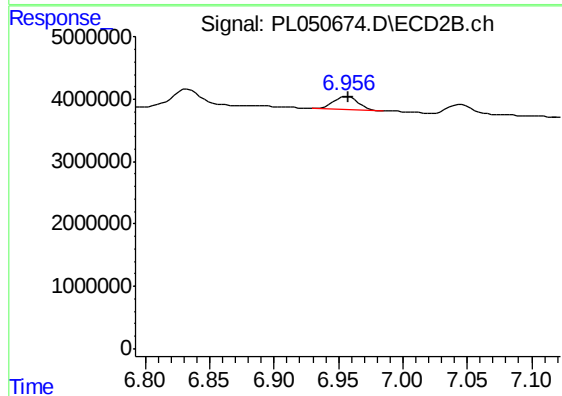
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: -0.002 min
Response: 2011007
Conc: 0.74 ng/ml m



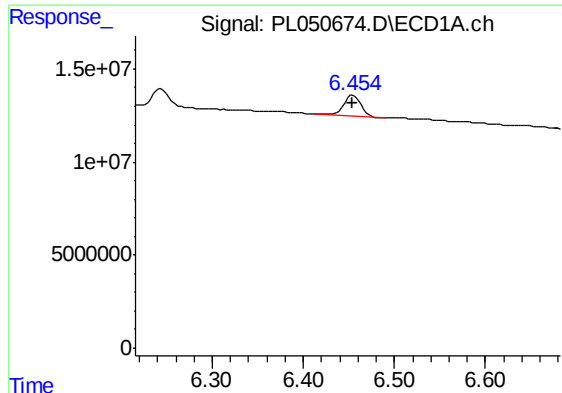
#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.001 min
Response: 12451147
Conc: 1.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 2826262
Conc: 1.04 ng/ml m



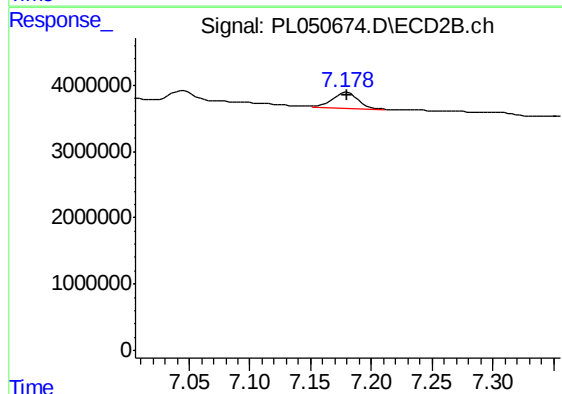
#19 Endosulfan Sulfate

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 15092446
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

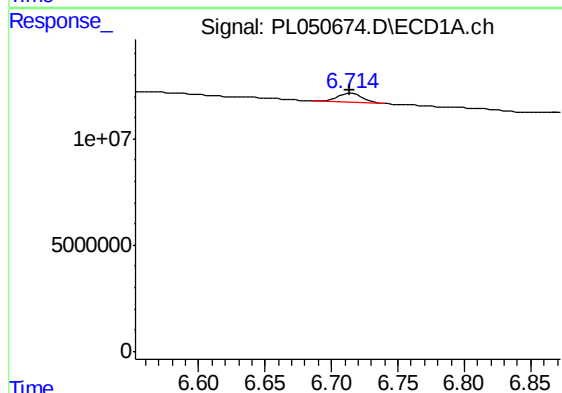
Manual Integrations
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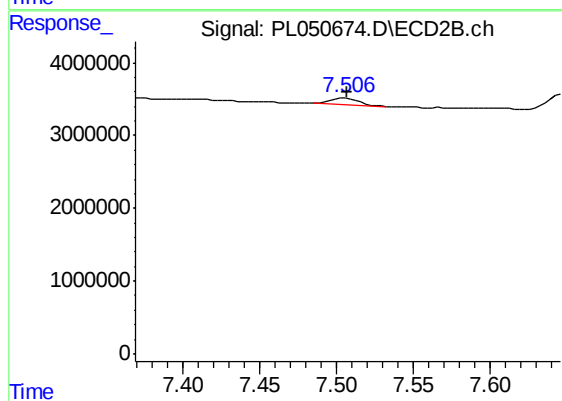
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 3398300
Conc: 1.18 ng/ml m



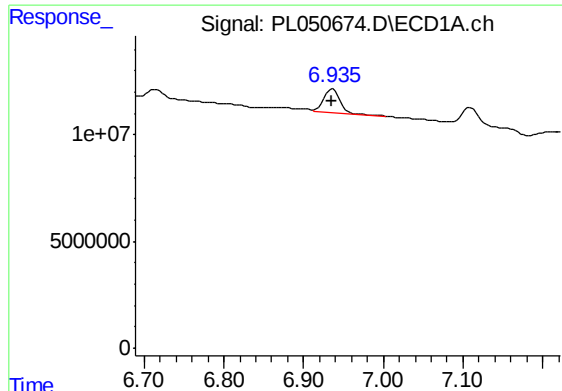
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 5463173
Conc: 0.88 ng/ml m



#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: -0.001 min
Response: 1188630
Conc: 0.81 ng/ml m



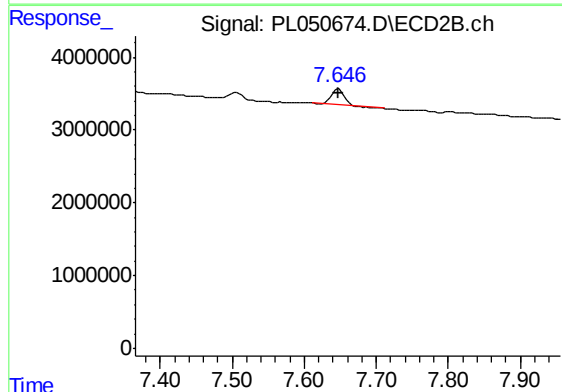
#21 Endrin ketone

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 15050472
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

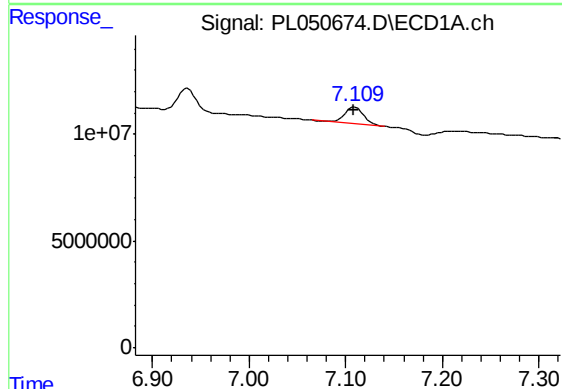
Manual Integrations
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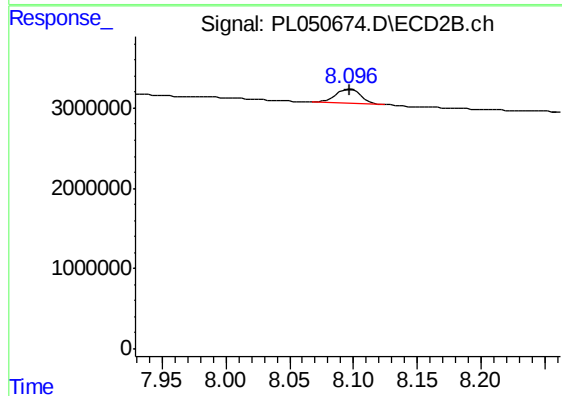
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 2762536
Conc: 0.96 ng/ml



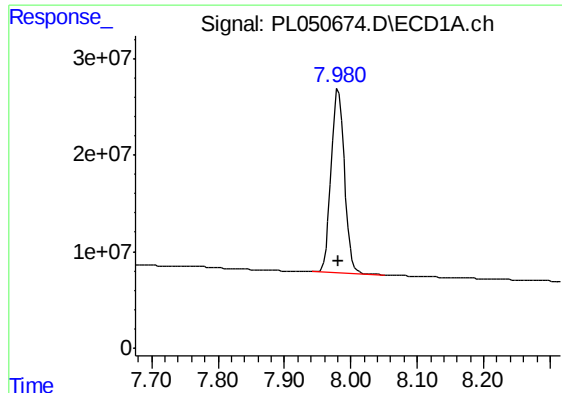
#22 Mirex

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 10695946
Conc: 1.09 ng/ml



#22 Mirex

R.T.: 8.096 min
Delta R.T.: -0.001 min
Response: 2418430
Conc: 1.05 ng/ml m



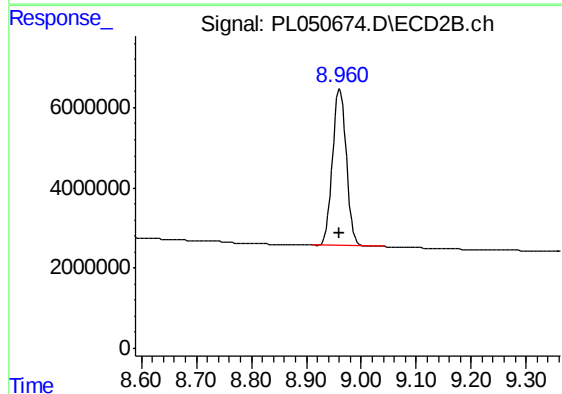
#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: 0.000 min
Response: 265258616
Conc: 26.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 68980075
Conc: 24.39 ng/ml