

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
 Data File : PL041021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2018 10:01
 Operator : AJ\SJ
 Sample : J5164-01
 Misc : ECD_L LOD SOIL 1 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:50:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 11 03:28:36 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.483	4.103	92670405	48880741	16.908	17.531
28)	SA Decachlor...	8.232	9.235	93011873	41555022	17.889	16.070
Target Compounds							
2)	A alpha-BHC	3.923	4.498	7281118	3050221	0.919	0.788
3)	MA gamma-BHC...	4.207	4.787	5300813	4045801	0.726	1.136 #
4)	MA Heptachlor	4.506	5.302	5858841	2890276	0.795	0.854
5)	MB Aldrin	4.752	5.612	4975077	2466228	0.725	0.817
6)	B beta-BHC	4.459	4.958	2408830	7859514	0.759	4.904 #
7)	B delta-BHC	4.662	5.176	4671752	2393170	0.701	0.729
8)	B Heptachlor...	5.197	6.000	5591632	622845	0.853	0.217 #
9)	A Endosulfan I	5.535	6.360	4856582	2273652	0.811	0.888
10)	B gamma-Chl...	5.423	6.234	5609697	2186377	0.853	0.780
11)	B alpha-Chl...	5.481	6.309	5671250	2541335	0.872	0.916
12)	B 4,4'-DDE	5.646	6.462	4378861	2111043	0.770	0.798
13)	MA Dieldrin	5.777	6.618	5092443	2319969	0.805	0.871
14)	MA Endrin	6.035	6.838	4655080	1854849	0.810	0.831
15)	B Endosulfa...	6.309	7.045	5423664	2452435	0.968	1.033
16)	A 4,4'-DDD	6.163	6.953	3746141	2421520	0.829	1.156 #
17)	MA 4,4'-DDT	6.402	7.254	3029828	1601967	0.665	0.770
18)	B Endrin al...	6.478	7.171	4236753	1881750	1.010	0.948
19)	B Endosulfa...	6.690	7.393	4746081	1939239	0.933	0.868
20)	A Methoxychlor	6.950	0.000	1993606	0	0.766	N.D. #
21)	B Endrin ke...	7.180	7.867	4948001	2206859	0.945	0.938
23)	Chlordane-1	0.000	5.176	0	2393170	N.D.	19.376 #
24)	Chlordane-2	0.000	5.612	0	2466228	N.D.	19.942 #
25)	Chlordane-3	5.423	6.234	5609697	2186377	7.329	5.423 #
26)	Chlordane-4	5.481	6.309	5671250	2541335	8.458	5.354 #
27)	Chlordane-5	6.309	7.171	5423664	1881750	25.027	21.268

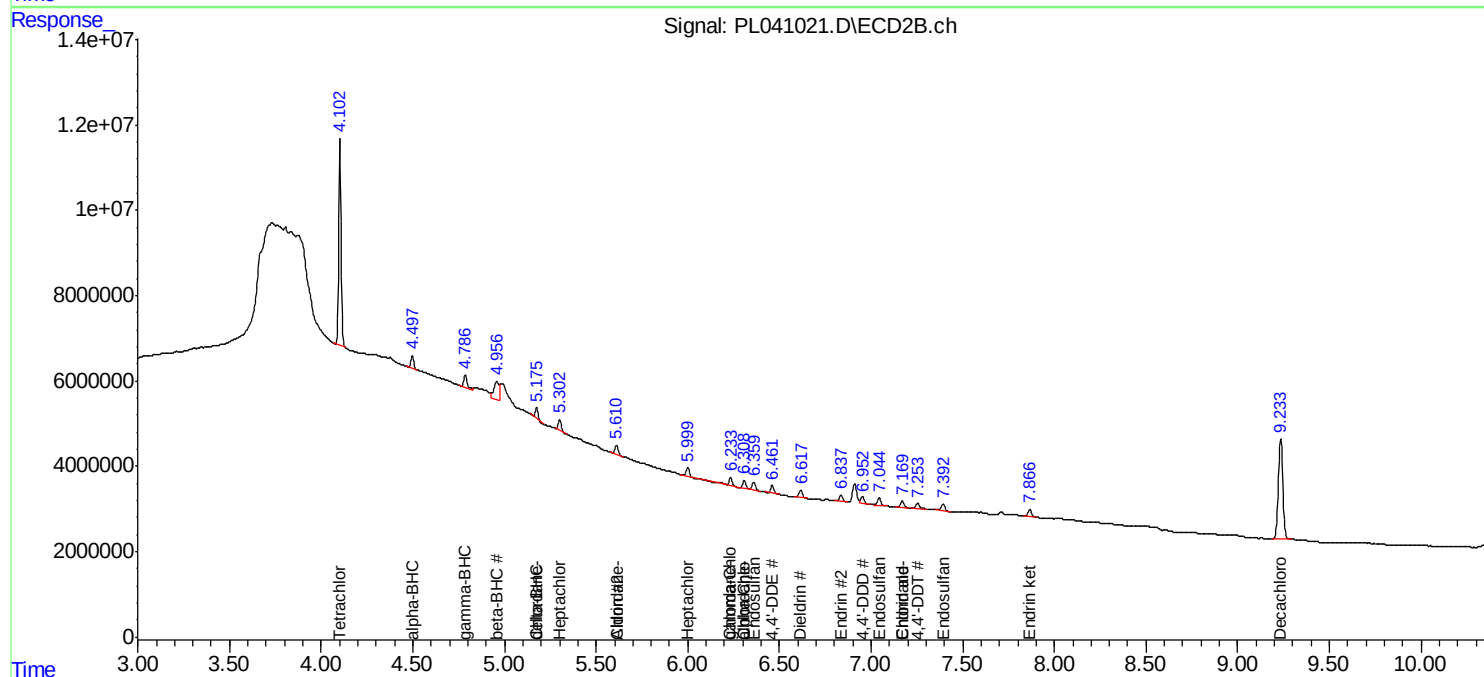
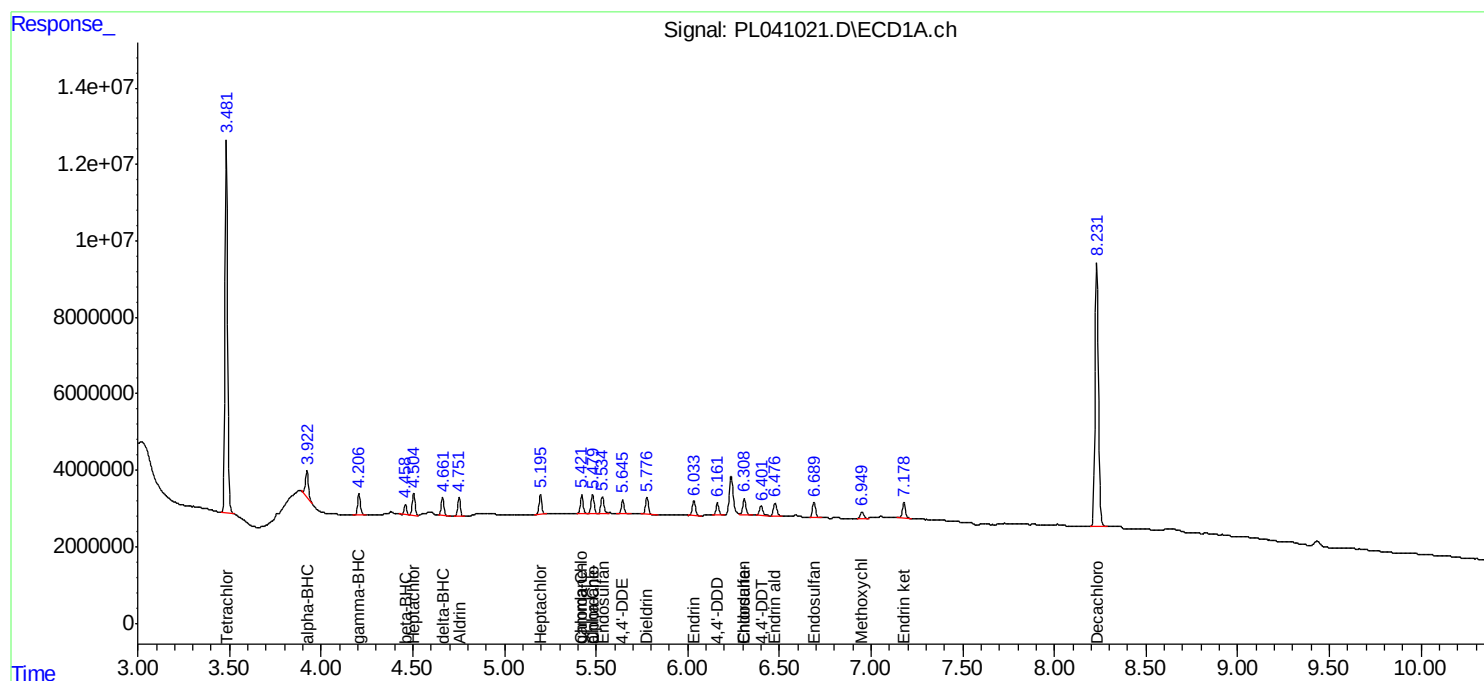
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

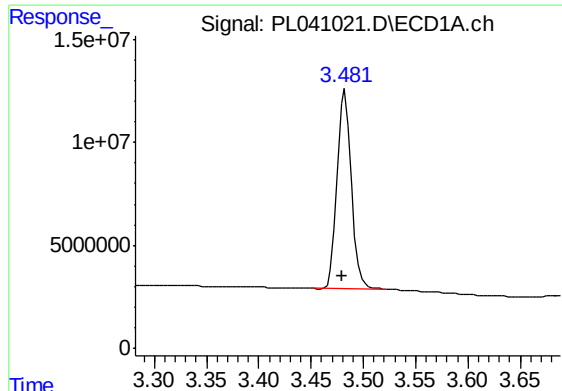
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
Data File : PL041021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2018 10:01
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Sample : J5164-01
Misc : ECD_L LOD SOIL 1 PPB
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 01:50:35 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
Quant Title : GC Extractables
QLast Update : Thu Oct 11 03:28:36 2018
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

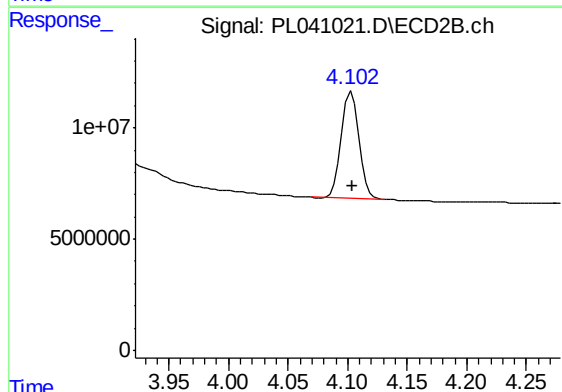




#1 Tetrachloro-m-xylene

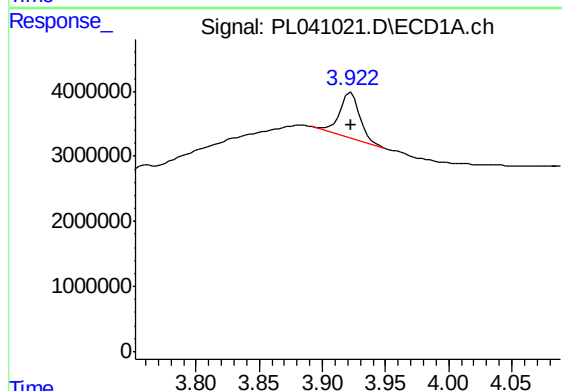
R.T.: 3.483 min
Delta R.T.: 0.003 min
Response: 92670405
Conc: 16.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



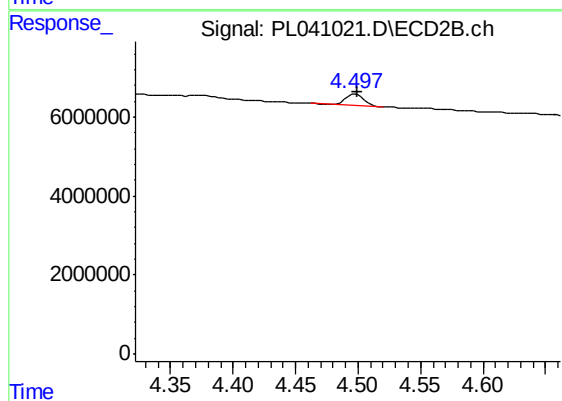
#1 Tetrachloro-m-xylene

R.T.: 4.103 min
Delta R.T.: 0.000 min
Response: 48880741
Conc: 17.53 ng/ml



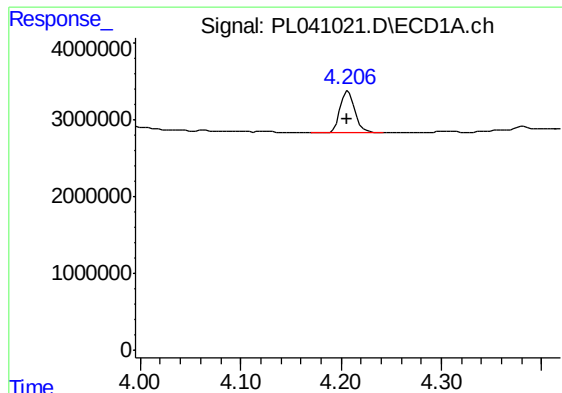
#2 alpha-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 7281118
Conc: 0.92 ng/ml



#2 alpha-BHC

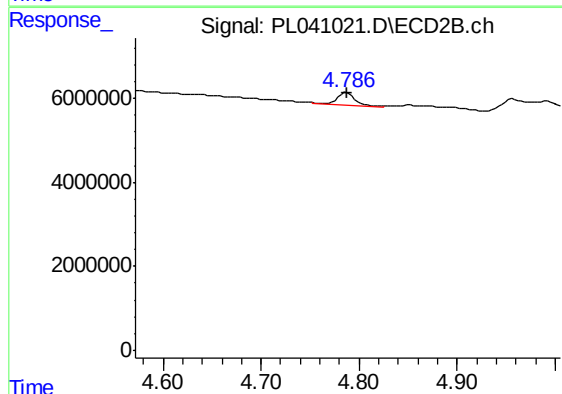
R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 3050221
Conc: 0.79 ng/ml



#3 gamma-BHC (Lindane)

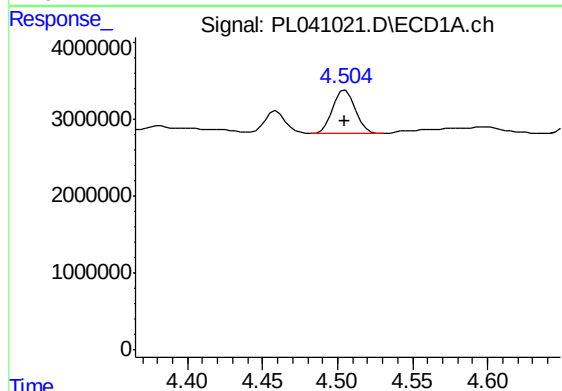
R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 5300813
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



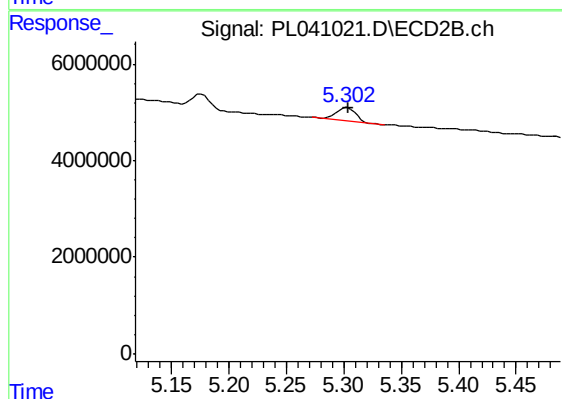
#3 gamma-BHC (Lindane)

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 4045801
Conc: 1.14 ng/ml



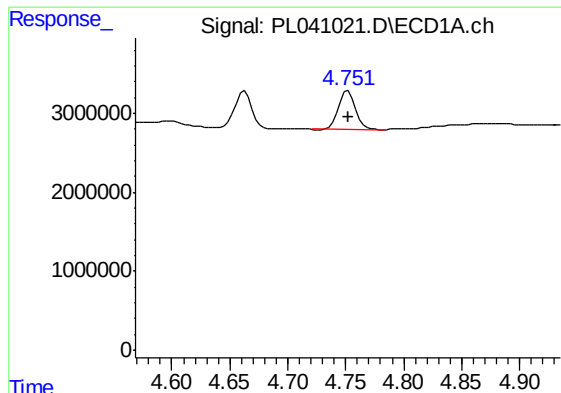
#4 Heptachlor

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 5858841
Conc: 0.80 ng/ml



#4 Heptachlor

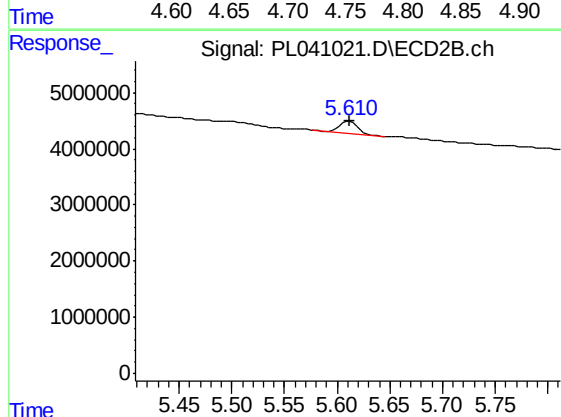
R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 2890276
Conc: 0.85 ng/ml



#5 Aldrin

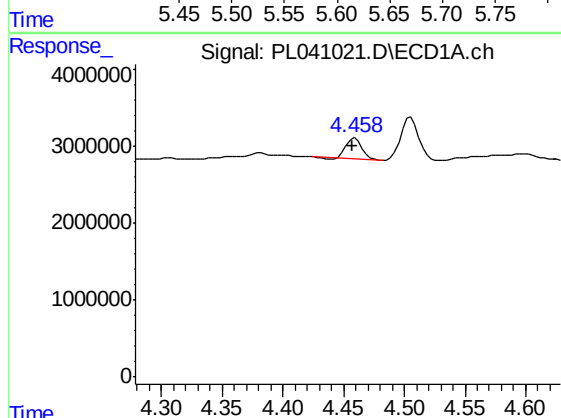
R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 4975077
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



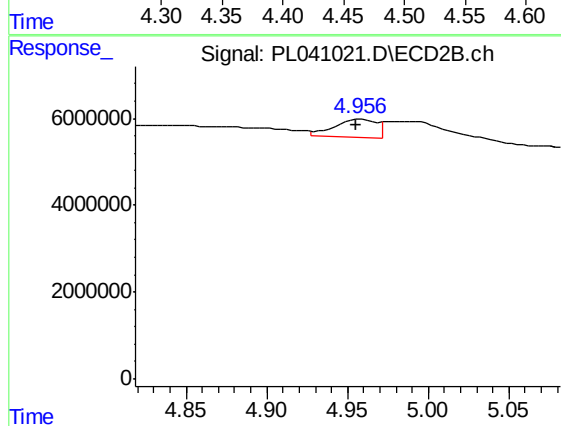
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 2466228
Conc: 0.82 ng/ml



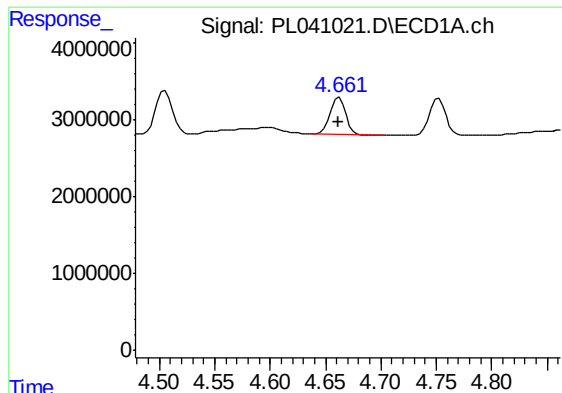
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.002 min
Response: 2408830
Conc: 0.76 ng/ml



#6 beta-BHC

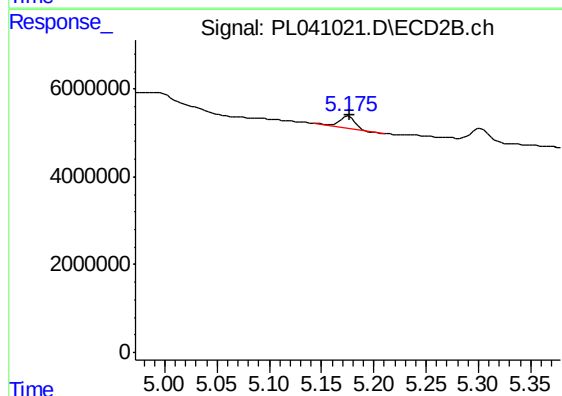
R.T.: 4.958 min
Delta R.T.: 0.003 min
Response: 7859514
Conc: 4.90 ng/ml



#7 delta-BHC

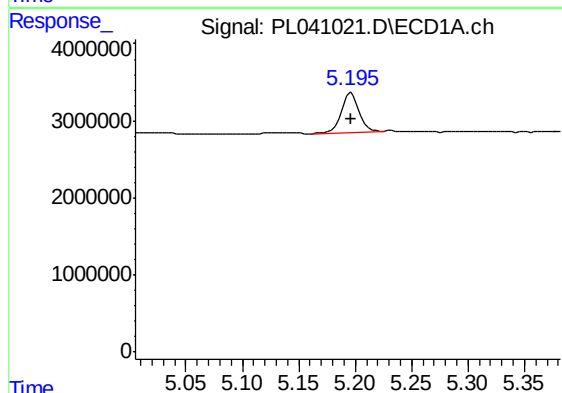
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 4671752
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



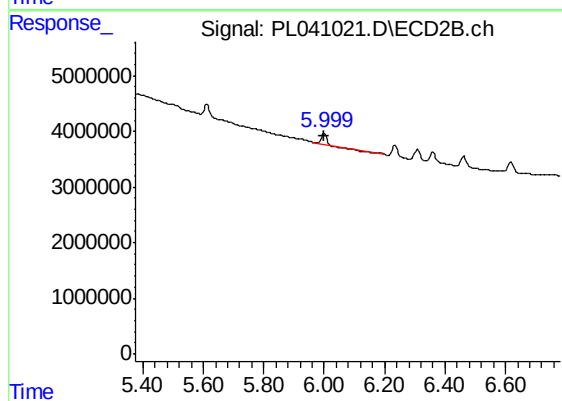
#7 delta-BHC

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 2393170
Conc: 0.73 ng/ml



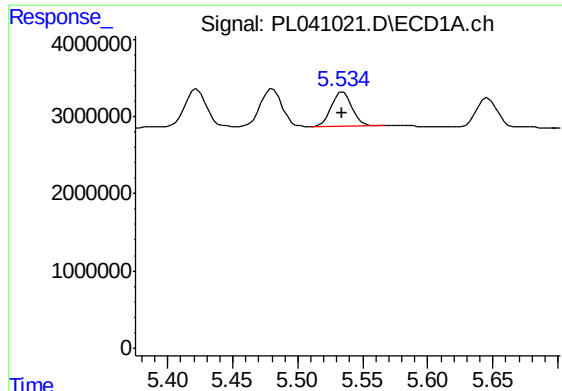
#8 Heptachlor epoxide

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 5591632
Conc: 0.85 ng/ml



#8 Heptachlor epoxide

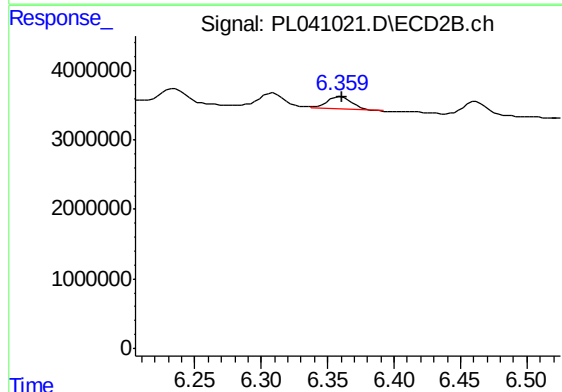
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 622845
Conc: 0.22 ng/ml



#9 Endosulfan I

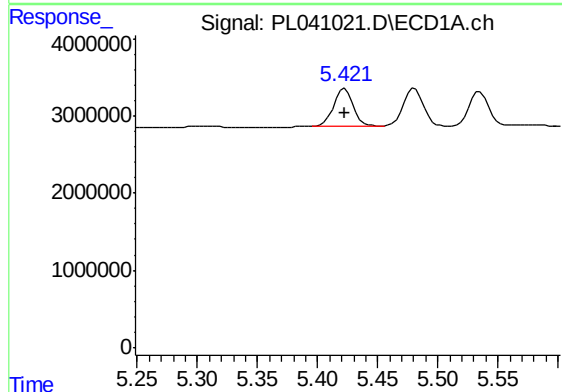
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 4856582
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



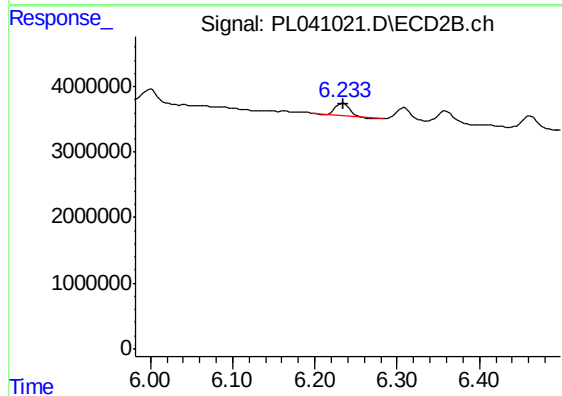
#9 Endosulfan I

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 2273652
Conc: 0.89 ng/ml



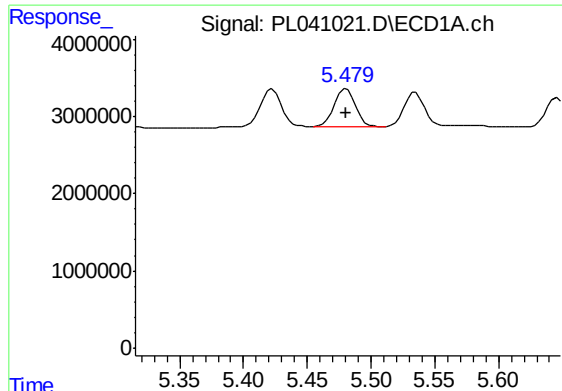
#10 gamma-Chlordane

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 5609697
Conc: 0.85 ng/ml



#10 gamma-Chlordane

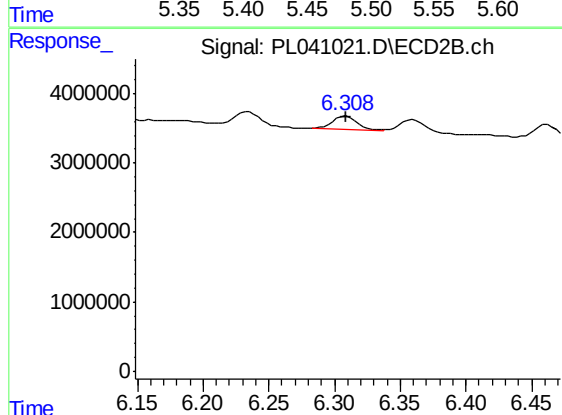
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2186377
Conc: 0.78 ng/ml



#11 alpha-Chlordane

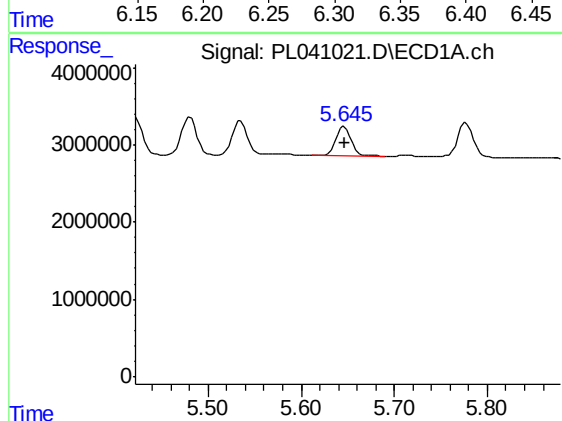
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 5671250
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



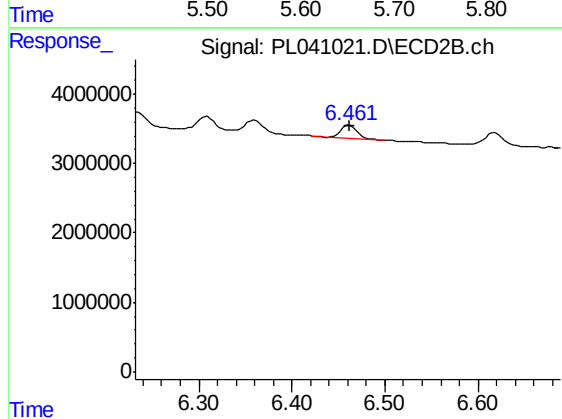
#11 alpha-Chlordane

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 2541335
Conc: 0.92 ng/ml



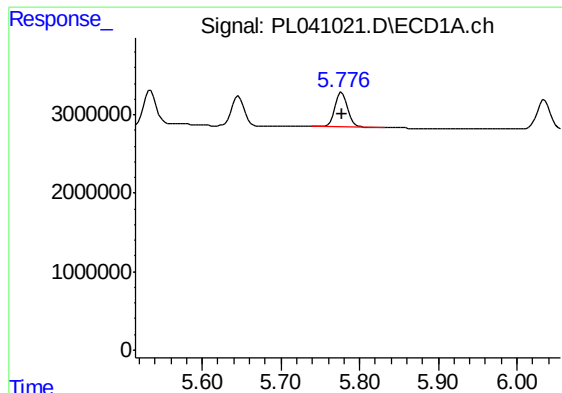
#12 4,4'-DDE

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 4378861
Conc: 0.77 ng/ml



#12 4,4'-DDE

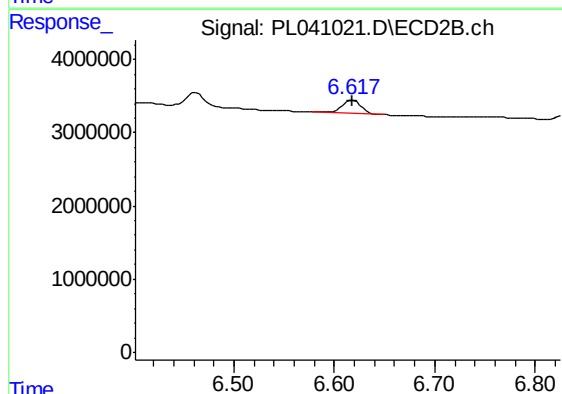
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 2111043
Conc: 0.80 ng/ml



#13 Dielddrin

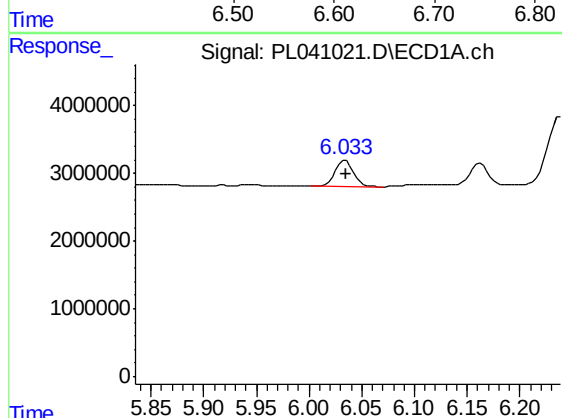
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 5092443
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



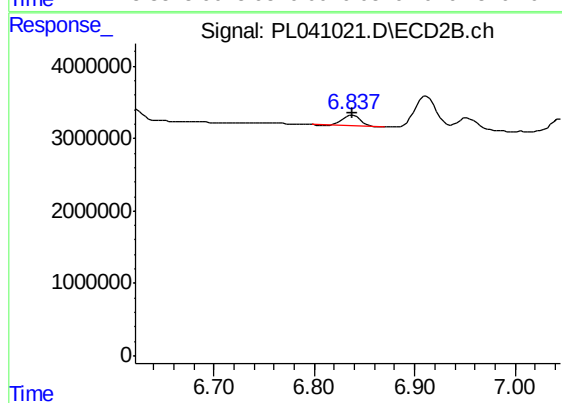
#13 Dielddrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2319969
Conc: 0.87 ng/ml



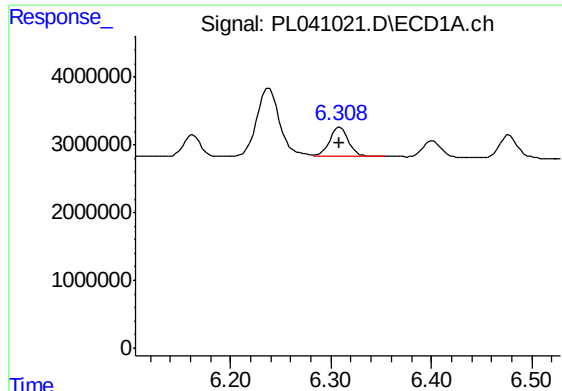
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 4655080
Conc: 0.81 ng/ml



#14 Endrin

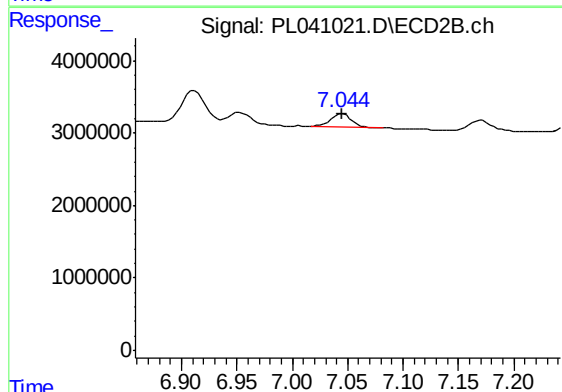
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 1854849
Conc: 0.83 ng/ml



#15 Endosulfan II

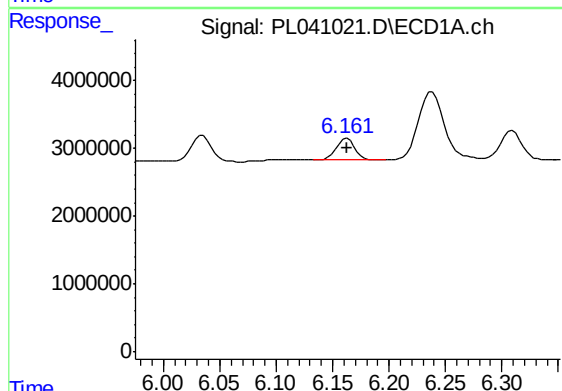
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 5423664
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



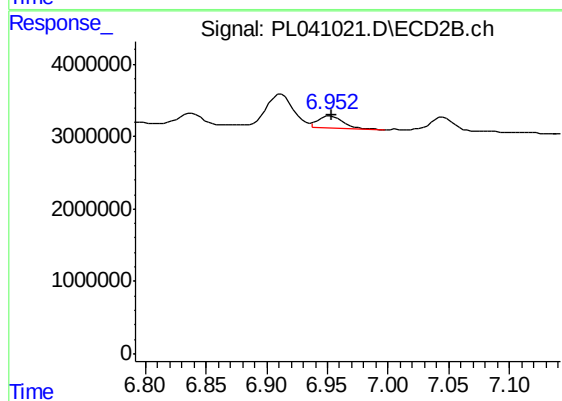
#15 Endosulfan II

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 2452435
Conc: 1.03 ng/ml



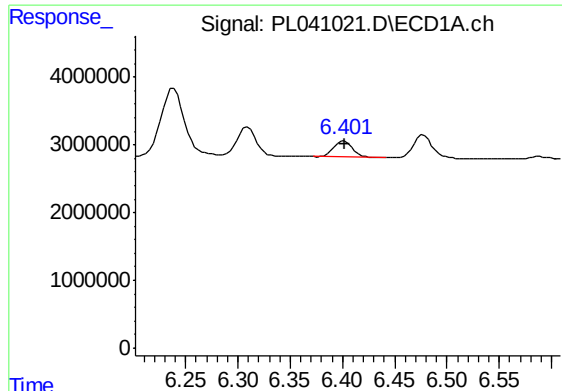
#16 4,4'-DDD

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 3746141
Conc: 0.83 ng/ml



#16 4,4'-DDD

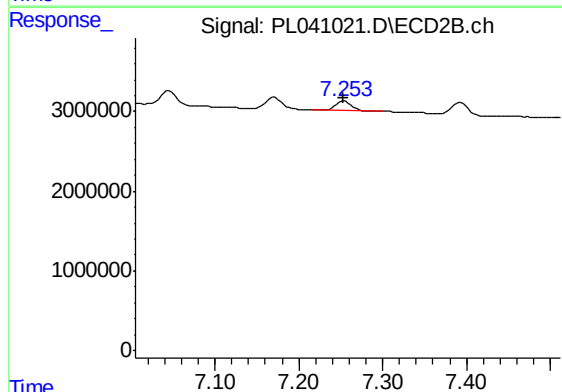
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 2421520
Conc: 1.16 ng/ml



#17 4,4'-DDT

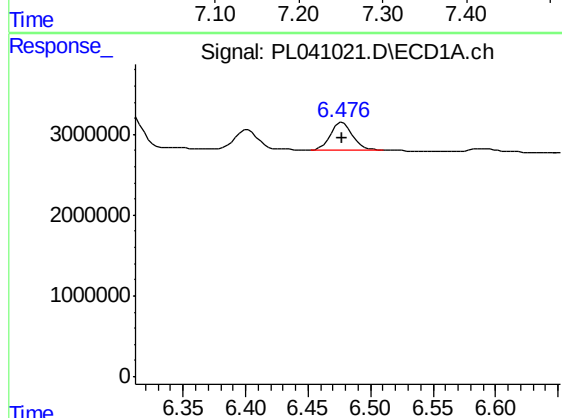
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 3029828
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



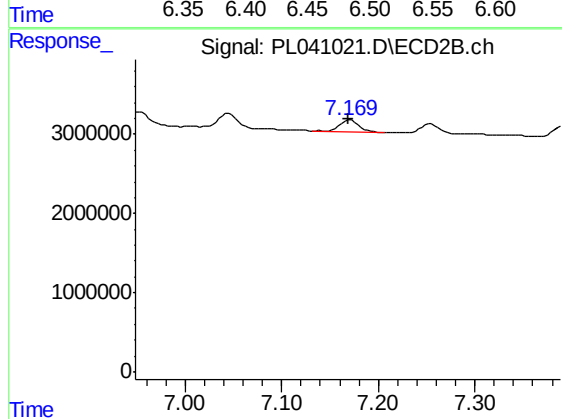
#17 4,4'-DDT

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 1601967
Conc: 0.77 ng/ml



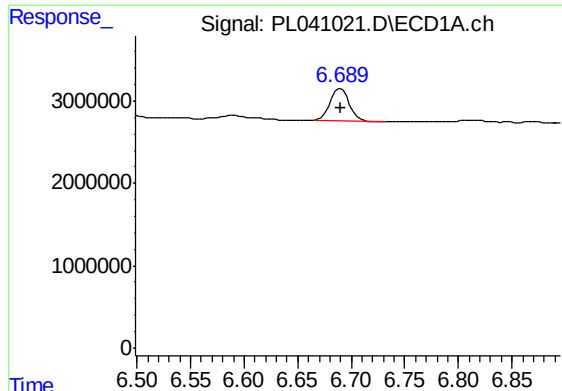
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 4236753
Conc: 1.01 ng/ml



#18 Endrin aldehyde

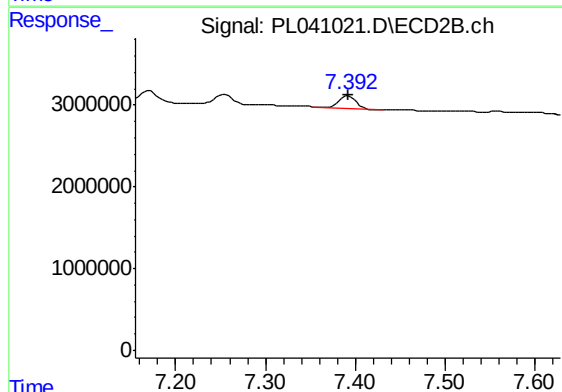
R.T.: 7.171 min
Delta R.T.: 0.001 min
Response: 1881750
Conc: 0.95 ng/ml



#19 Endosulfan Sulfate

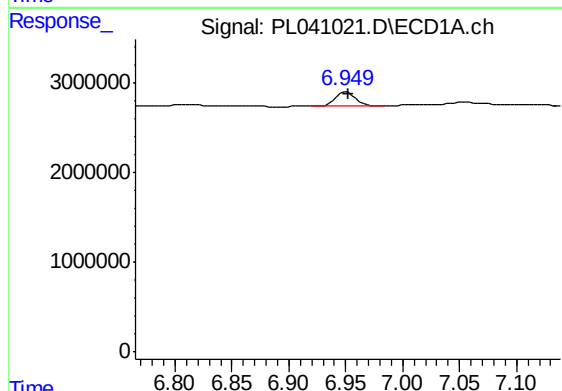
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 4746081
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



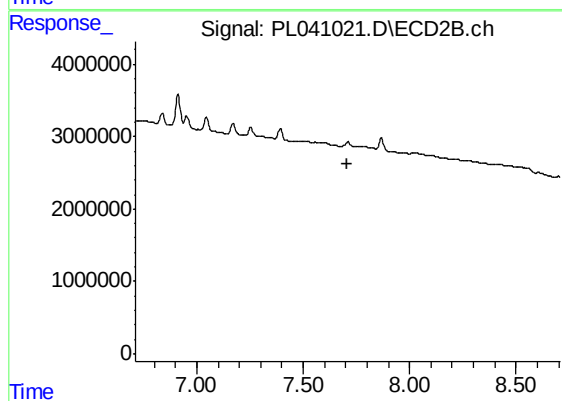
#19 Endosulfan Sulfate

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 1939239
Conc: 0.87 ng/ml



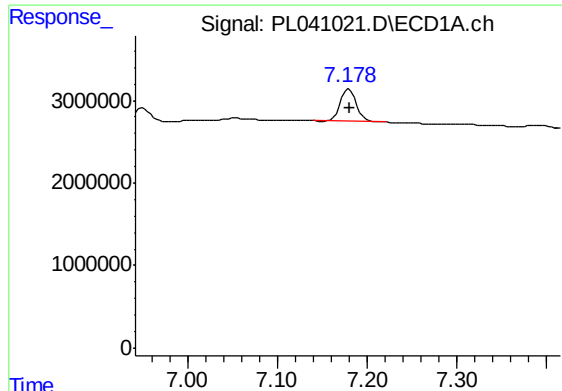
#20 Methoxychlor

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 1993606
Conc: 0.77 ng/ml



#20 Methoxychlor

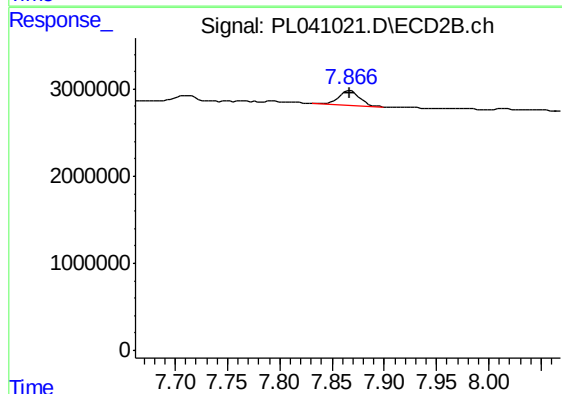
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#21 Endrin ketone

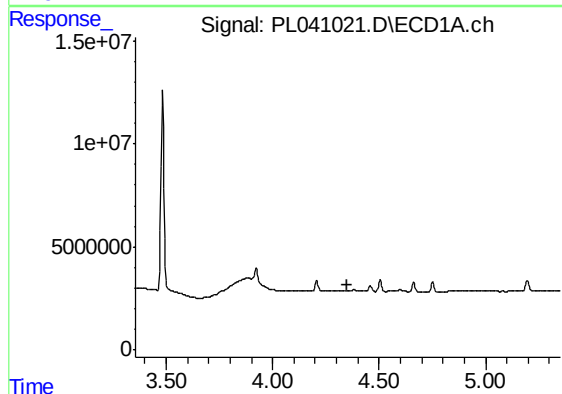
R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 4948001
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



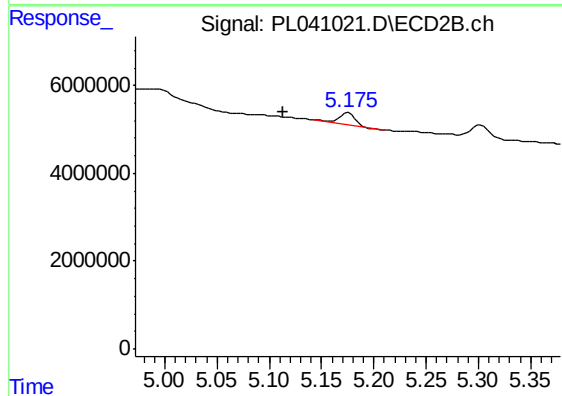
#21 Endrin ketone

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 2206859
Conc: 0.94 ng/ml



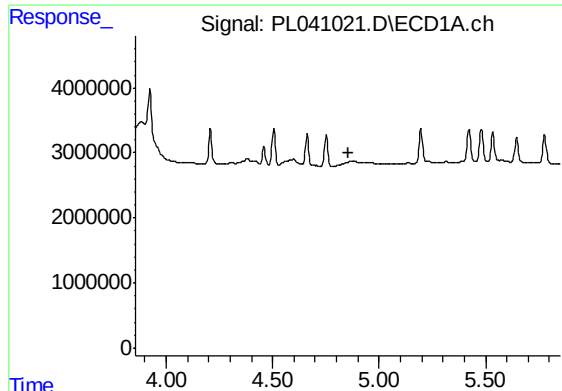
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.353 min
Response: 0
Conc: N.D.



#23 Chlordane-1

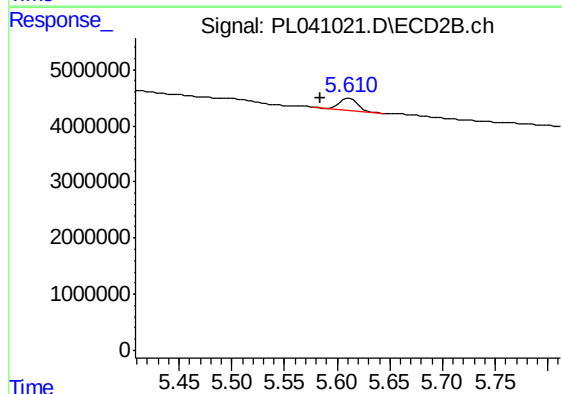
R.T.: 5.176 min
Delta R.T.: 0.062 min
Response: 2393170
Conc: 19.38 ng/ml



#24 Chlordane-2

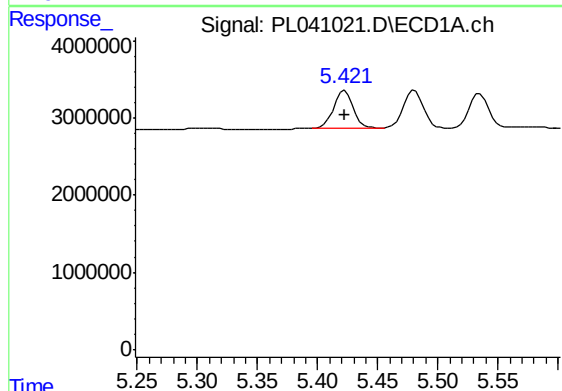
R.T.: 0.000 min
Exp R.T.: 4.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



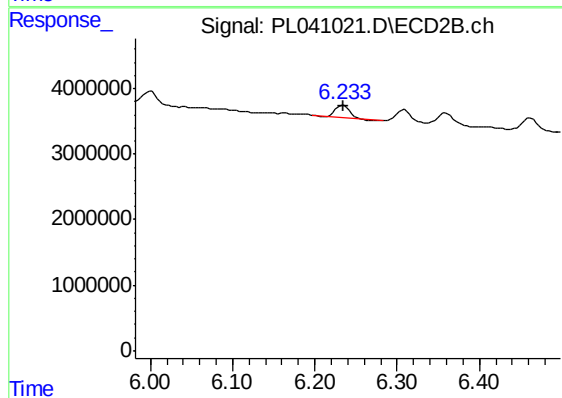
#24 Chlordane-2

R.T.: 5.612 min
Delta R.T.: 0.027 min
Response: 2466228
Conc: 19.94 ng/ml



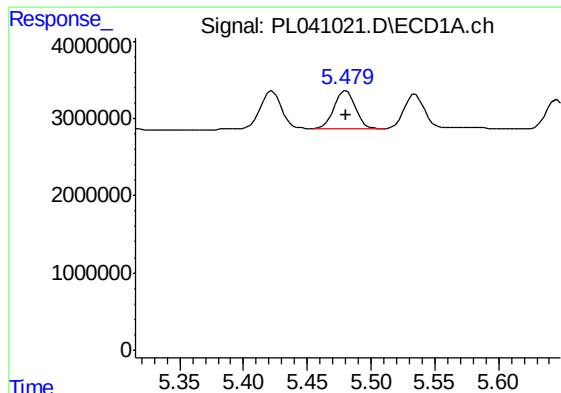
#25 Chlordane-3

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 5609697
Conc: 7.33 ng/ml



#25 Chlordane-3

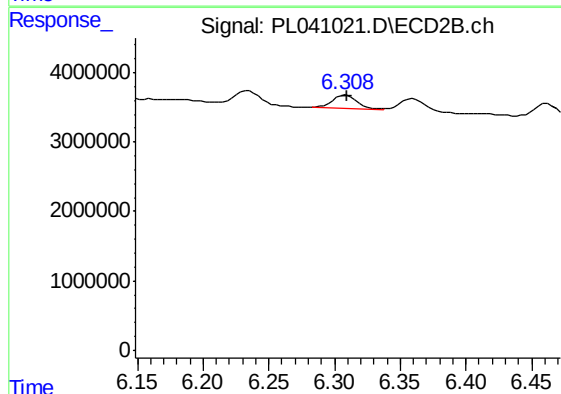
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2186377
Conc: 5.42 ng/ml



#26 Chlordane-4

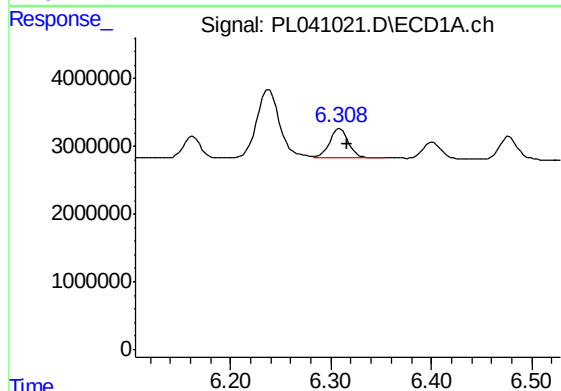
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 5671250
Conc: 8.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



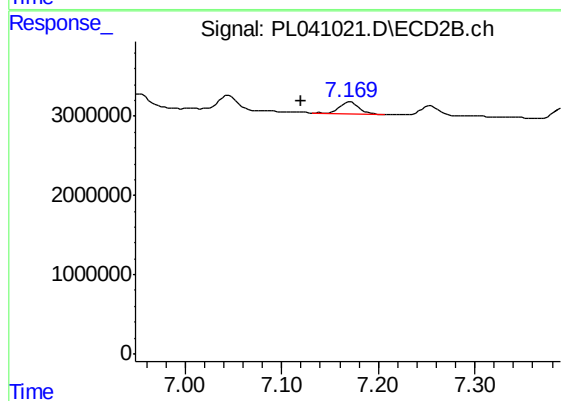
#26 Chlordane-4

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 2541335
Conc: 5.35 ng/ml



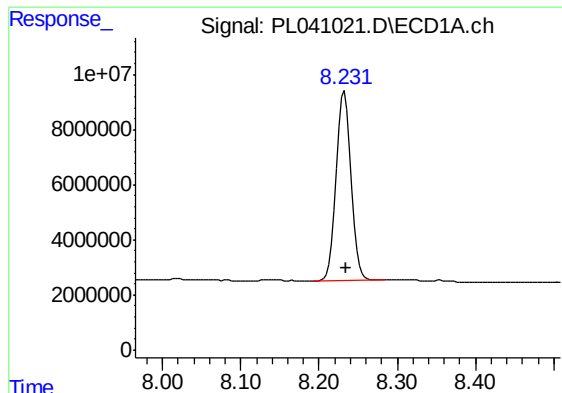
#27 Chlordane-5

R.T.: 6.309 min
Delta R.T.: -0.006 min
Response: 5423664
Conc: 25.03 ng/ml



#27 Chlordane-5

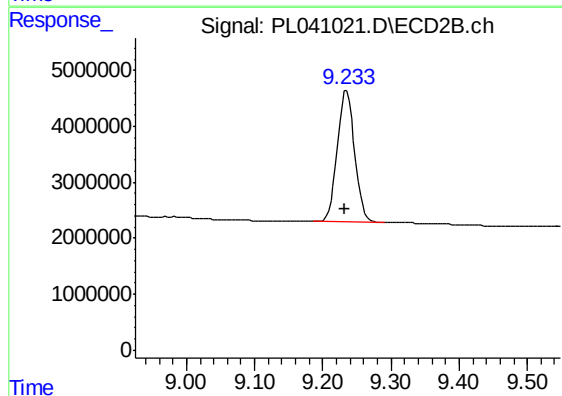
R.T.: 7.171 min
Delta R.T.: 0.051 min
Response: 1881750
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: -0.002 min
Response: 93011873
Conc: 17.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018



#28 Decachlorobiphenyl

R.T.: 9.235 min
Delta R.T.: 0.003 min
Response: 41555022
Conc: 16.07 ng/ml