

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071919\
 Data File : PL050615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2019 10:31
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 23:27:27 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...	3.321	3.930	231.0E6	62900459	22.990	22.046
28)	SA Decachlor...	7.982	8.963	243.5E6	67235507	24.052	23.776
Target Compounds							
2)	A alpha-BHC	3.748	4.318	19119504	3579504	1.141	0.868
3)	MA gamma-BHC...	4.024	4.602	14060511	3235393	0.914	0.835
4)	MA Heptachlor	4.308	5.104	16388316	4694198	0.999	1.132
5)	MB Aldrin	4.546	5.405	15882971	3664191	1.025	0.972
6)	B beta-BHC	4.278	4.783	7148770	-45438	1.090	N.D. #
7)	B delta-BHC	4.471	4.990	13909359	4552602	0.848	1.177 #
8)	B Heptachlo...	4.982	5.795	14400414	7395769	0.975	1.934 #
9)	A Endosulfan I	5.312	6.147	19018494	3856974	1.308	1.122
10)	B gamma-Chl...	5.204	6.026	29861018	3323196	1.892	0.899 #
11)	B alpha-Chl...	5.260	6.098	21982752	4073642	1.441	1.111
12)	B 4,4'-DDE	5.428	6.259	14854992	3497077	0.991	0.970
13)	MA Dieldrin	5.551	6.404	17000935	3491963	1.097	0.986
14)	MA Endrin	5.803	0.000	30566292	0	2.076	N.D. #
15)	B Endosulfa...	6.078	6.833	16089067	5728280	1.150	1.802 #
16)	A 4,4'-DDD	5.938	0.000	14115727	0	1.178	N.D. #
17)	MA 4,4'-DDT	6.171	0.000	10595373	0	0.855	N.D. #
18)	B Endrin al...	6.245	0.000	12442774	0	1.079	N.D. #
19)	B Endosulfa...	6.456	7.180	13788459	3003157	1.082	1.040
21)	B Endrin ke...	6.938	7.649	12521842	3084178	0.916	1.067
22)	Mirex	7.111	0.000	9846063	0	1.004	N.D. #
24)	Chlordane-2	0.000	5.405f	0	3664191	N.D.	31.197 #
25)	Chlordane-3	5.204	6.026	29861018	3323196	21.333	6.909 #
26)	Chlordane-4	5.260	6.098	21982752	4073642	16.666	7.012 #
27)	Chlordane-5	6.078	0.000	16089067	0	31.675	N.D. #

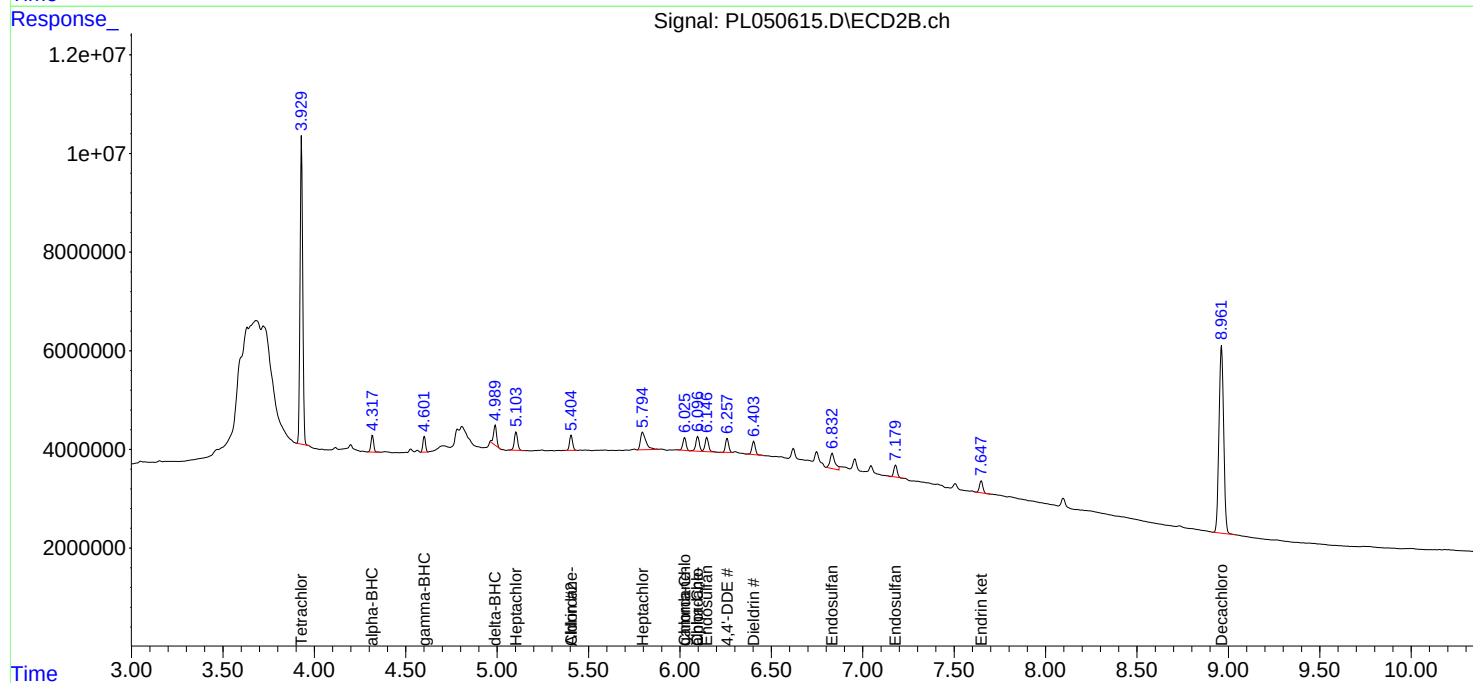
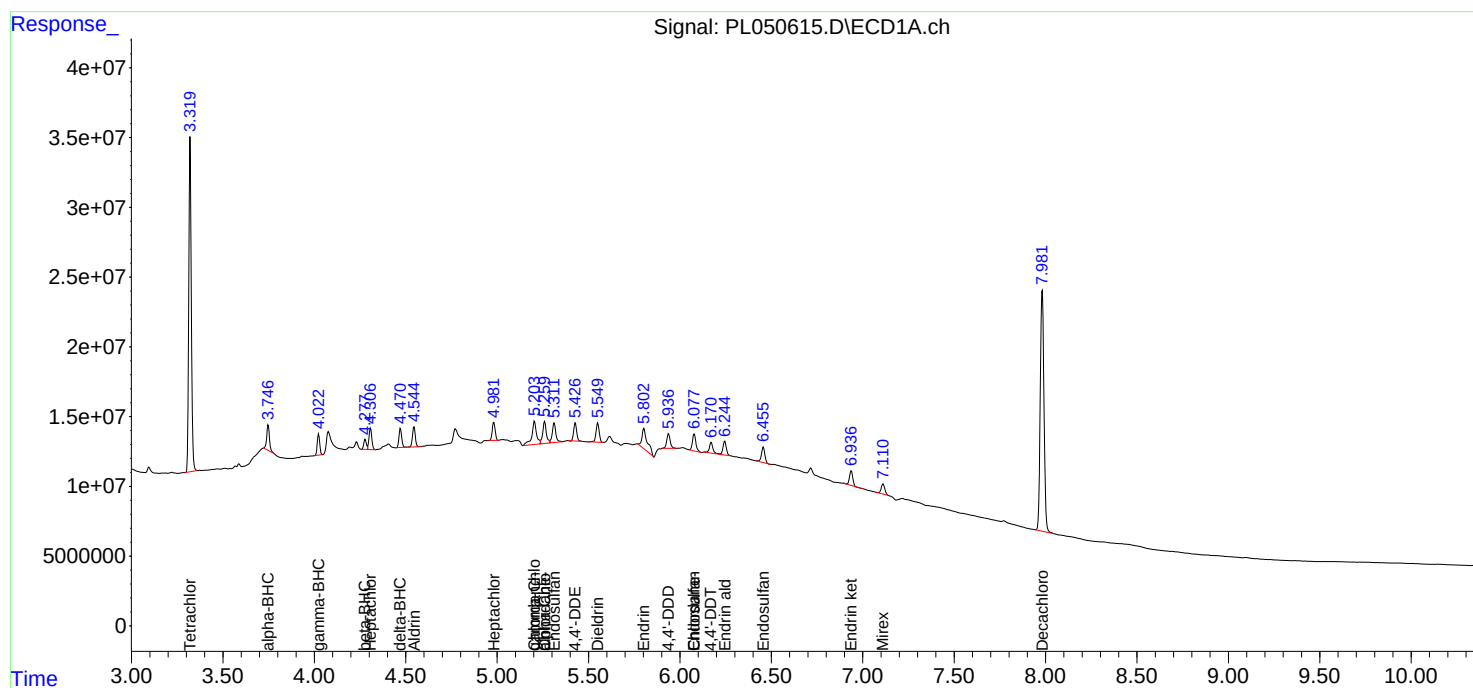
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

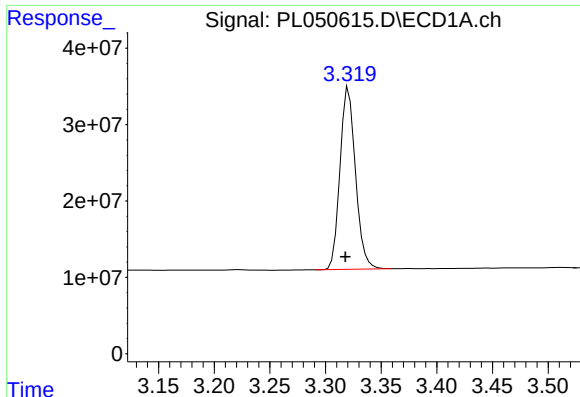
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071919\
Data File : PL050615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2019 10:31
Operator : SM\AJ
Sample : K3591-01
Misc : LOD 1 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 23:27:27 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

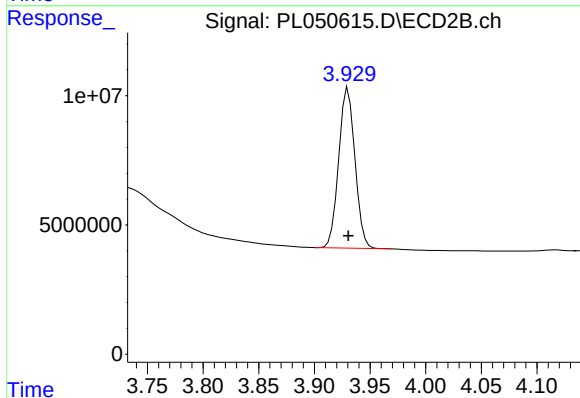




#1 Tetrachloro-m-xylene

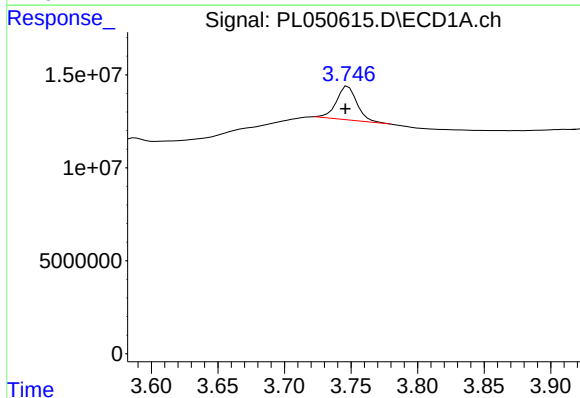
R.T.: 3.321 min
Delta R.T.: 0.003 min
Response: 231004241
Conc: 22.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



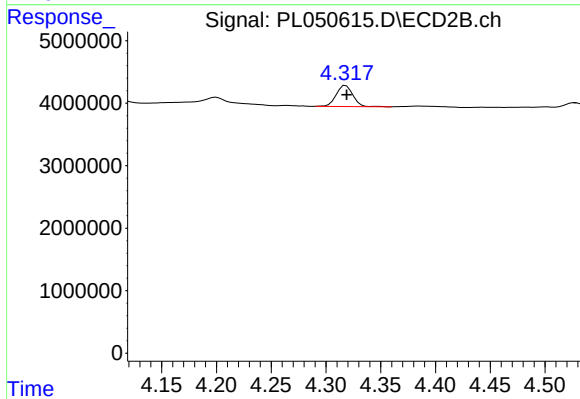
#1 Tetrachloro-m-xylene

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 62900459
Conc: 22.05 ng/ml



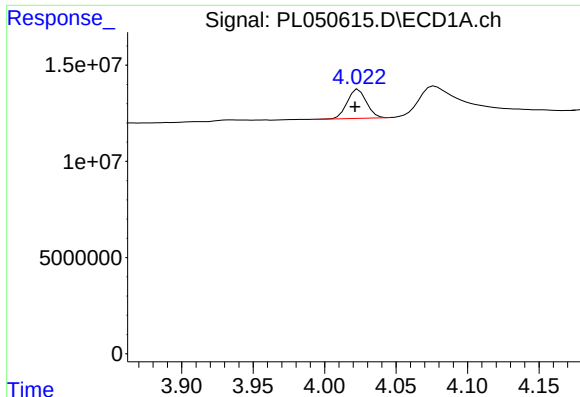
#2 alpha-BHC

R.T.: 3.748 min
Delta R.T.: 0.002 min
Response: 19119504
Conc: 1.14 ng/ml



#2 alpha-BHC

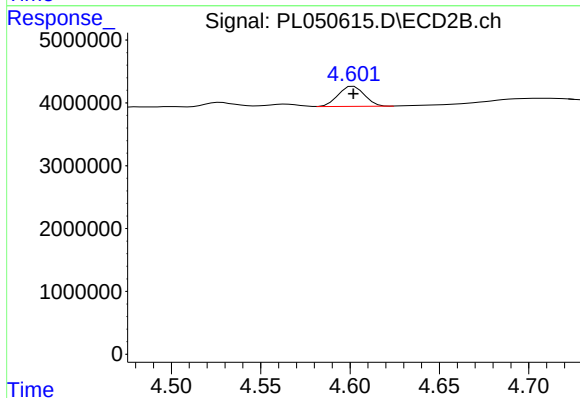
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3579504
Conc: 0.87 ng/ml



#3 gamma-BHC (Lindane)

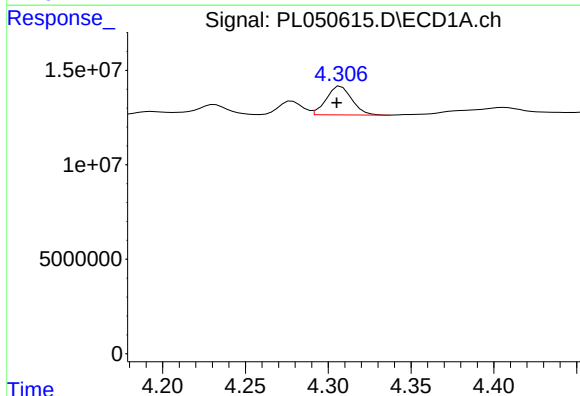
R.T.: 4.024 min
Delta R.T.: 0.002 min
Response: 14060511
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



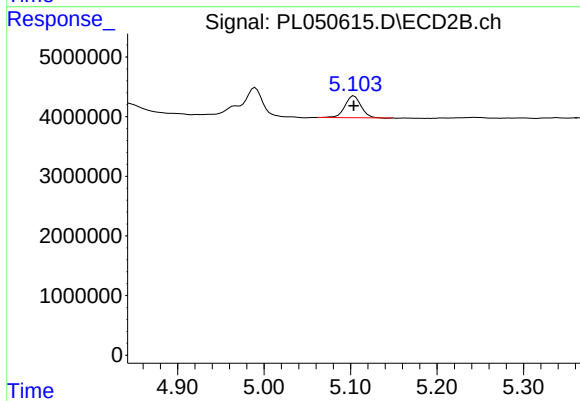
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3235393
Conc: 0.84 ng/ml



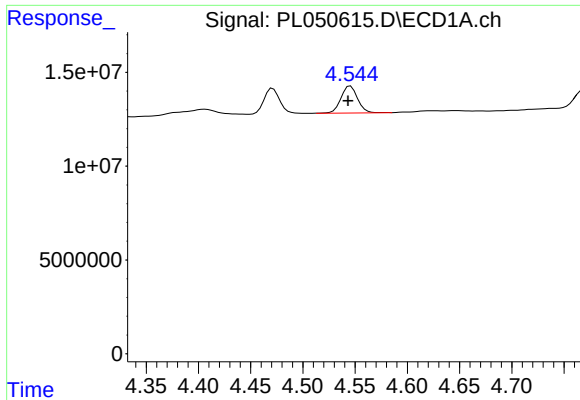
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: 0.002 min
Response: 16388316
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 4694198
Conc: 1.13 ng/ml



#5 Aldrin

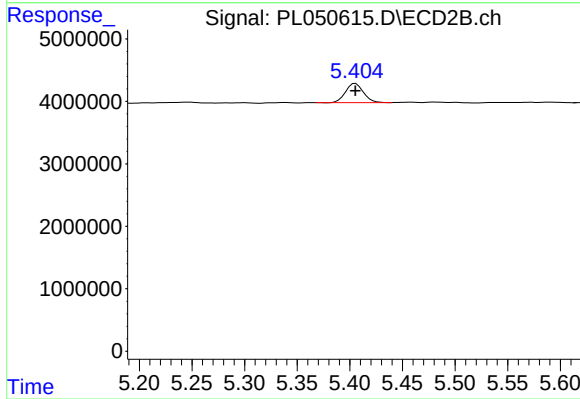
R.T.: 4.546 min

Delta R.T.: 0.003 min

Response: 15882971

Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



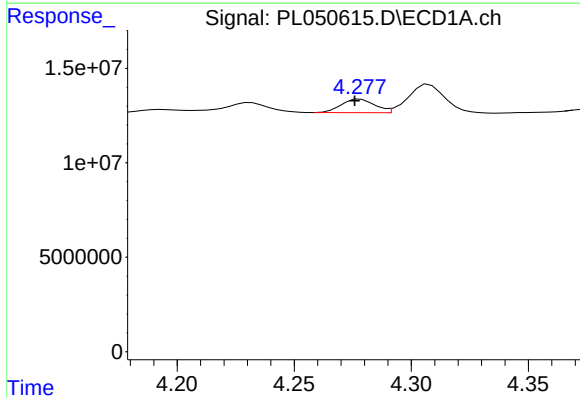
#5 Aldrin

R.T.: 5.405 min

Delta R.T.: 0.000 min

Response: 3664191

Conc: 0.97 ng/ml



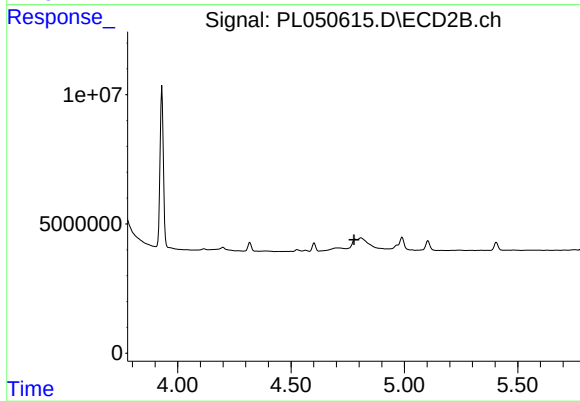
#6 beta-BHC

R.T.: 4.278 min

Delta R.T.: 0.002 min

Response: 7148770

Conc: 1.09 ng/ml



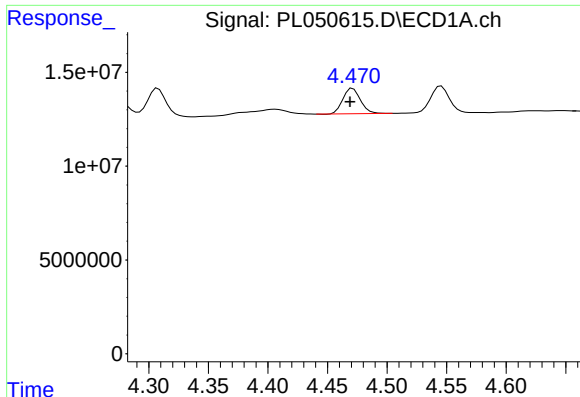
#6 beta-BHC

R.T.: 4.783 min

Delta R.T.: 0.005 min

Response: -45438

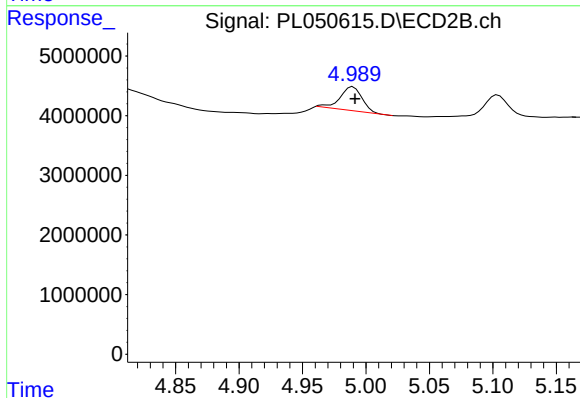
Conc: N.D.



#7 delta-BHC

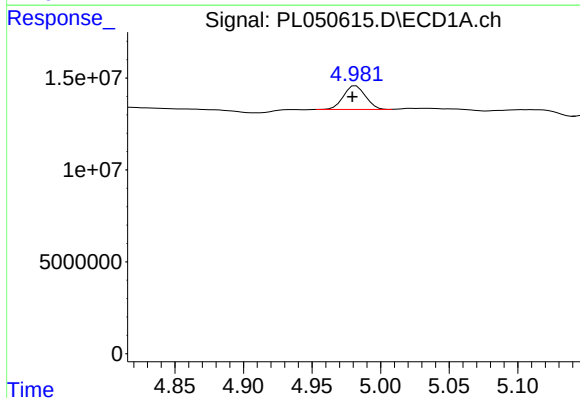
R.T.: 4.471 min
Delta R.T.: 0.002 min
Response: 13909359
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



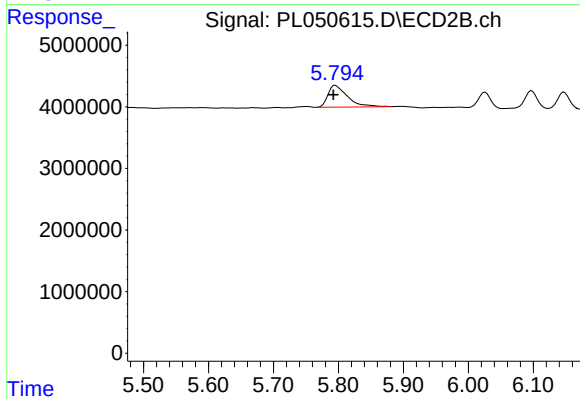
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 4552602
Conc: 1.18 ng/ml



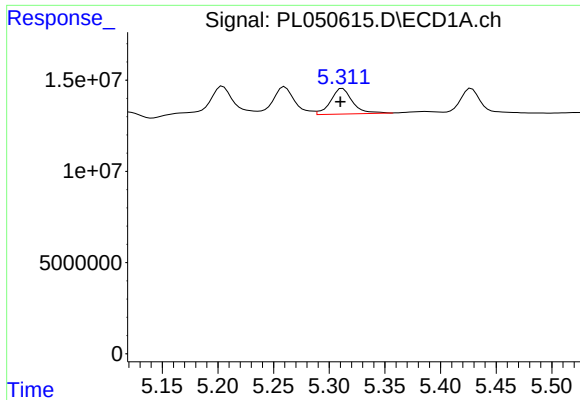
#8 Heptachlor epoxide

R.T.: 4.982 min
Delta R.T.: 0.003 min
Response: 14400414
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

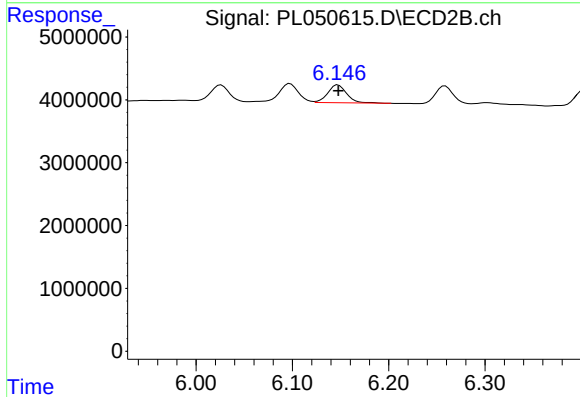
R.T.: 5.795 min
Delta R.T.: 0.003 min
Response: 7395769
Conc: 1.93 ng/ml



#9 Endosulfan I

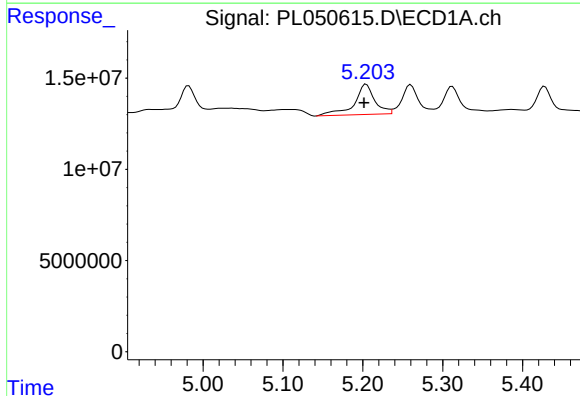
R.T.: 5.312 min
Delta R.T.: 0.002 min
Response: 19018494
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



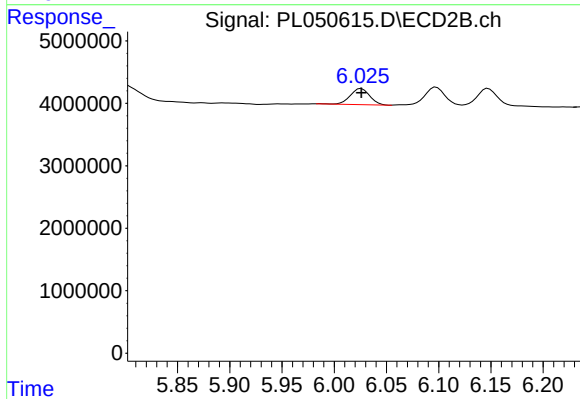
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3856974
Conc: 1.12 ng/ml



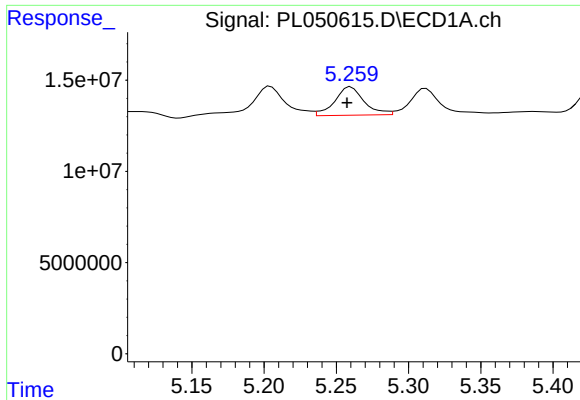
#10 gamma-Chlordane

R.T.: 5.204 min
Delta R.T.: 0.003 min
Response: 29861018
Conc: 1.89 ng/ml



#10 gamma-Chlordane

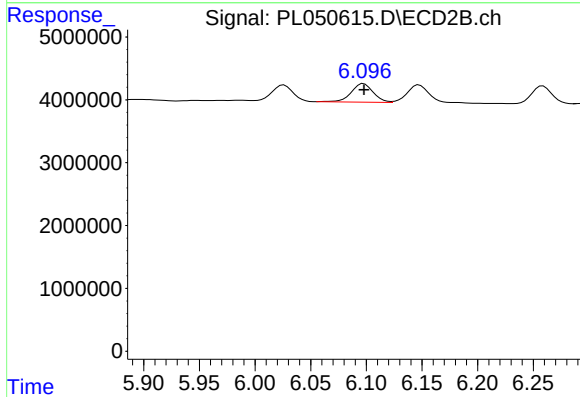
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3323196
Conc: 0.90 ng/ml



#11 alpha-Chlordane

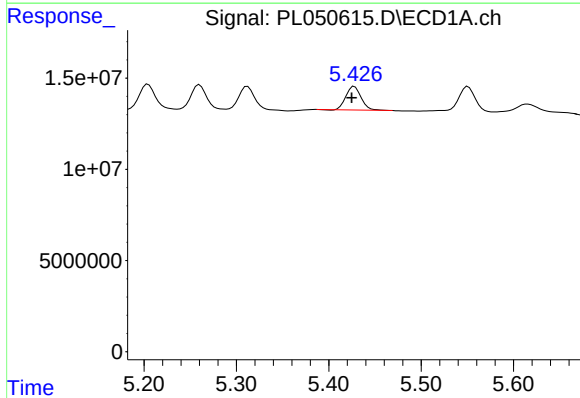
R.T.: 5.260 min
Delta R.T.: 0.003 min
Response: 21982752
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



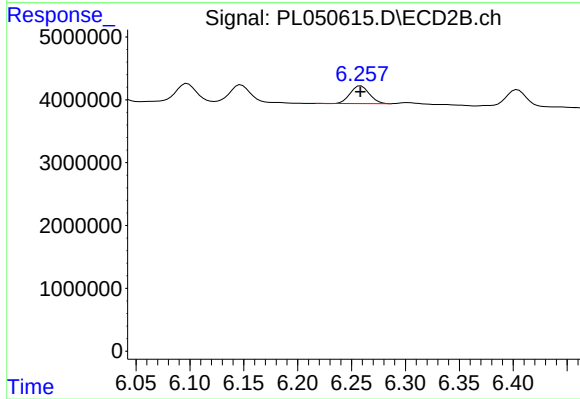
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 4073642
Conc: 1.11 ng/ml



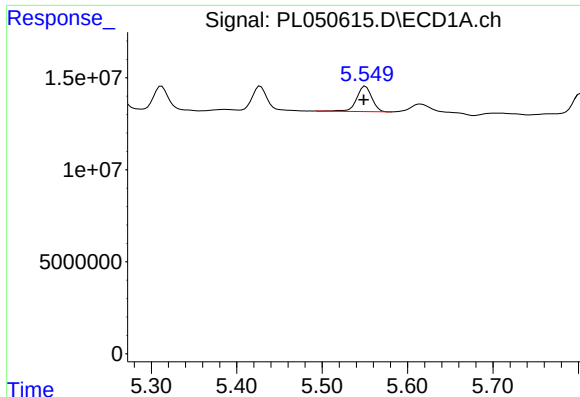
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: 0.003 min
Response: 14854992
Conc: 0.99 ng/ml



#12 4,4'-DDE

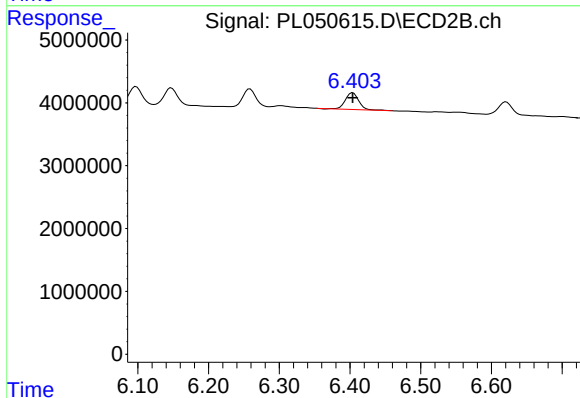
R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 3497077
Conc: 0.97 ng/ml



#13 Dieldrin

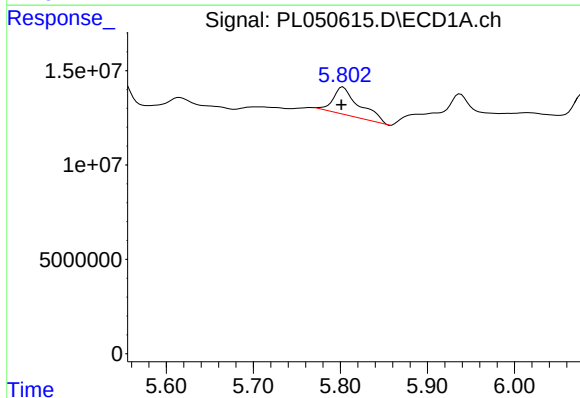
R.T.: 5.551 min
Delta R.T.: 0.002 min
Response: 17000935
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



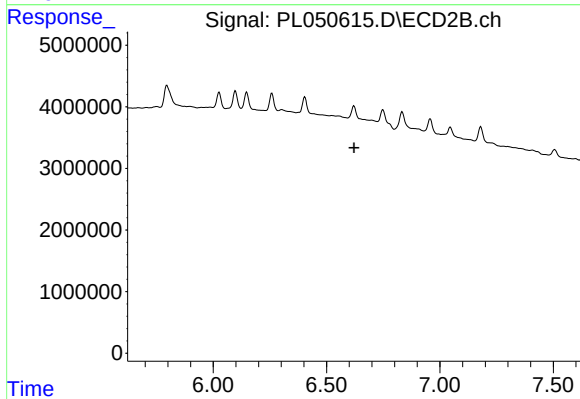
#13 Dieldrin

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 3491963
Conc: 0.99 ng/ml



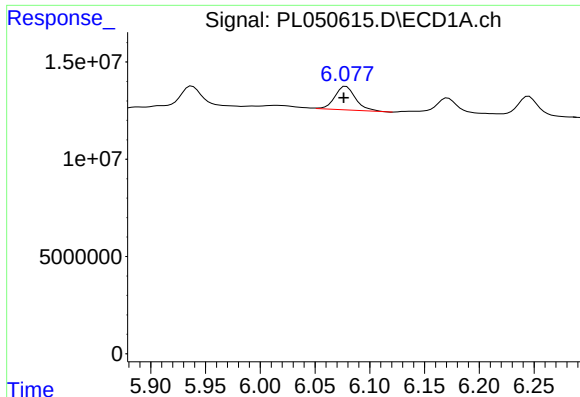
#14 Endrin

R.T.: 5.803 min
Delta R.T.: 0.002 min
Response: 30566292
Conc: 2.08 ng/ml



#14 Endrin

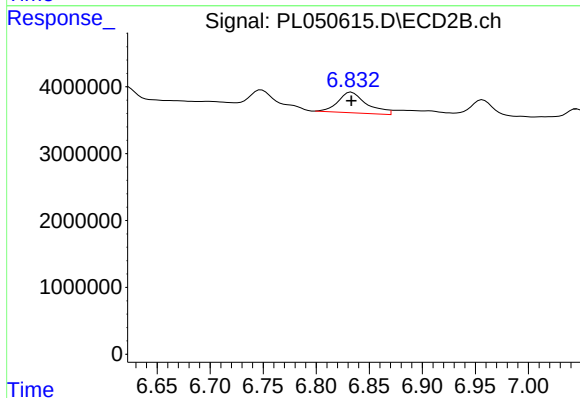
R.T.: 0.000 min
Exp R.T.: 6.621 min
Response: 0
Conc: N.D.



#15 Endosulfan II

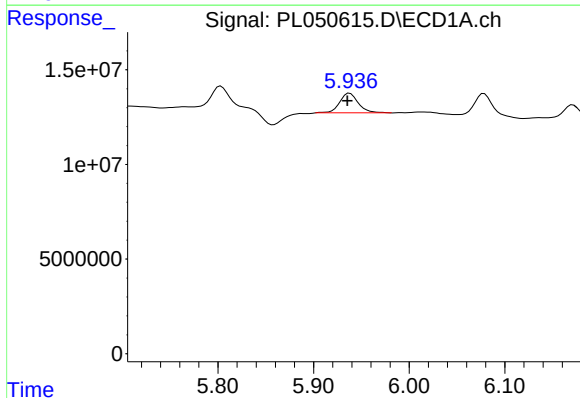
R.T.: 6.078 min
Delta R.T.: 0.002 min
Response: 16089067
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



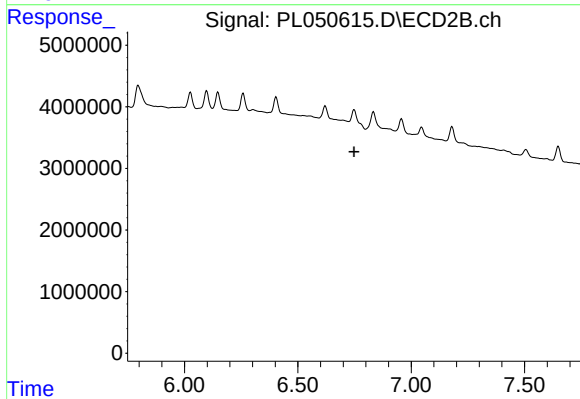
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 5728280
Conc: 1.80 ng/ml



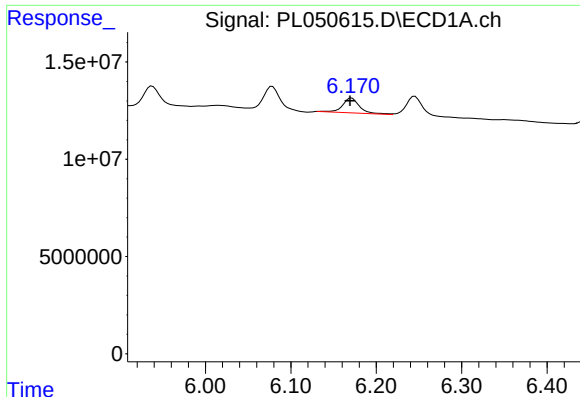
#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 14115727
Conc: 1.18 ng/ml



#16 4,4'-DDD

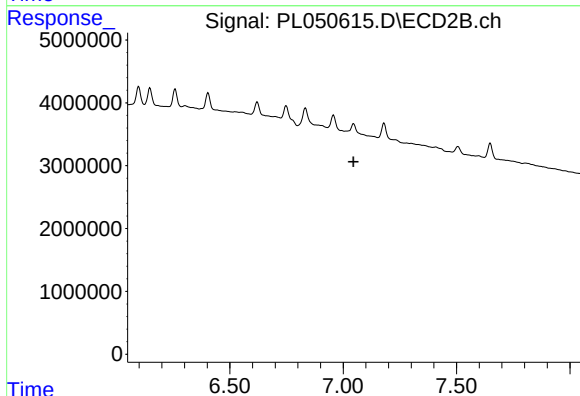
R.T.: 0.000 min
Exp R.T.: 6.749 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

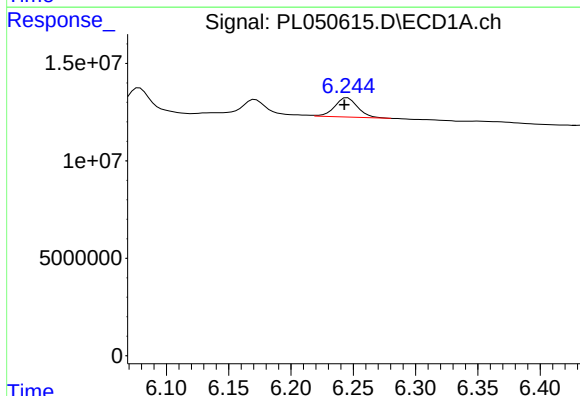
R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 10595373
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



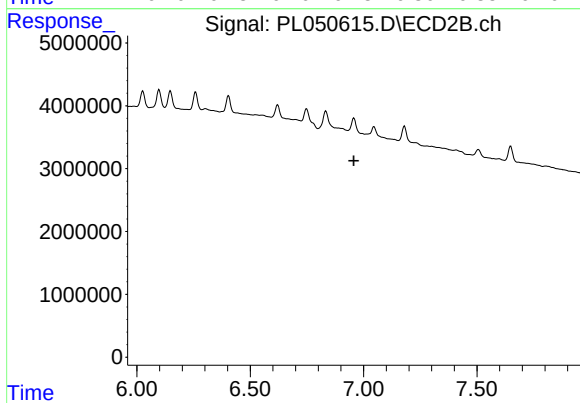
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



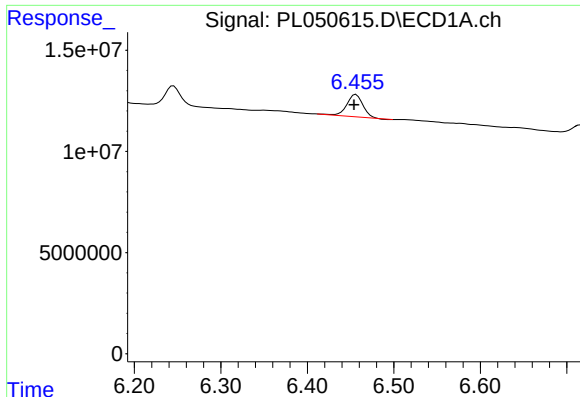
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.003 min
Response: 12442774
Conc: 1.08 ng/ml



#18 Endrin aldehyde

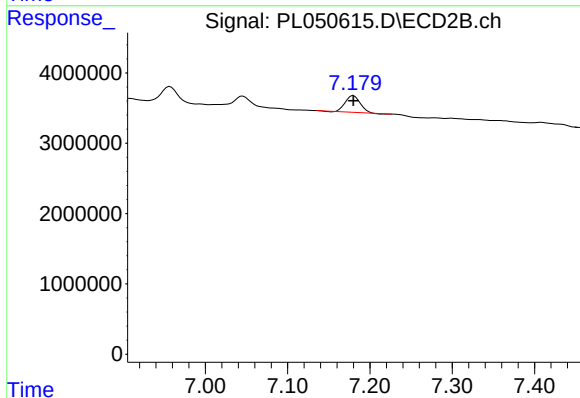
R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

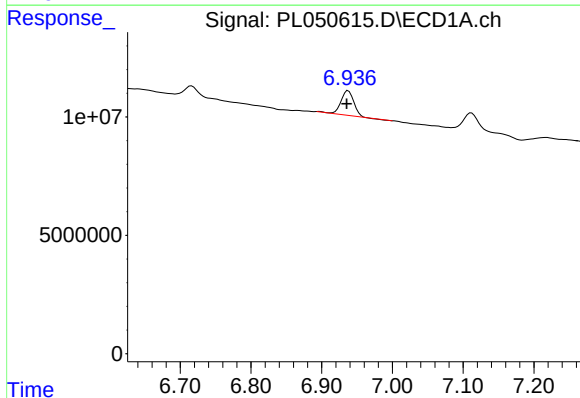
R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 13788459
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



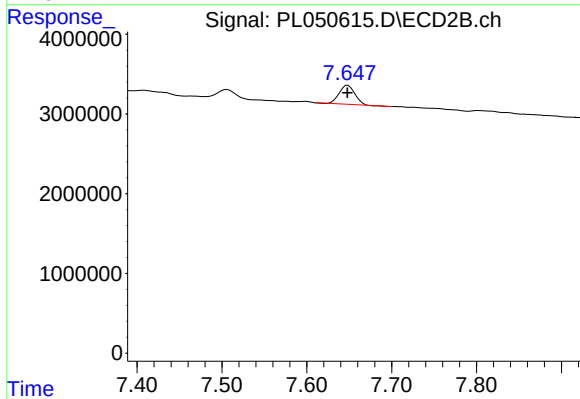
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 3003157
Conc: 1.04 ng/ml



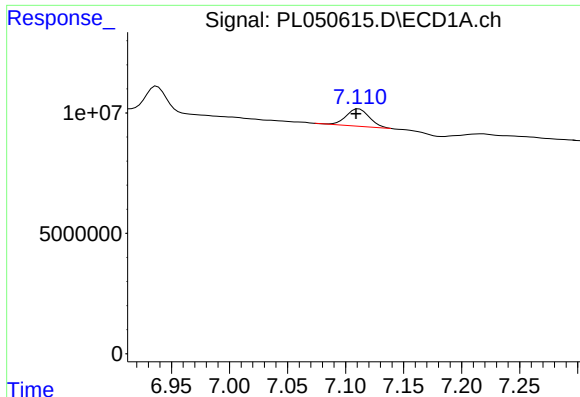
#21 Endrin ketone

R.T.: 6.938 min
Delta R.T.: 0.002 min
Response: 12521842
Conc: 0.92 ng/ml



#21 Endrin ketone

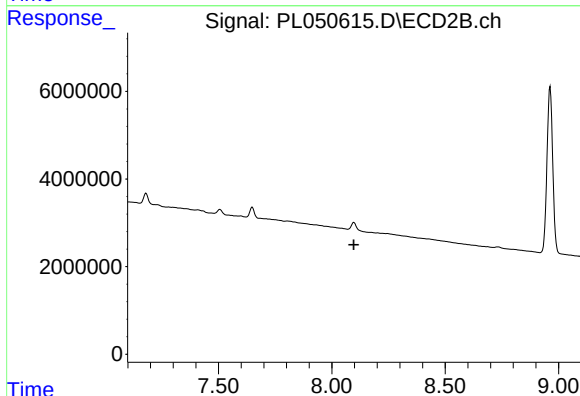
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 3084178
Conc: 1.07 ng/ml



#22 Mirex

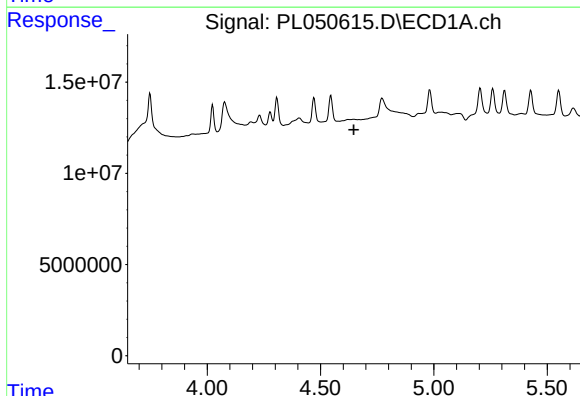
R.T.: 7.111 min
Delta R.T.: 0.002 min
Response: 9846063
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



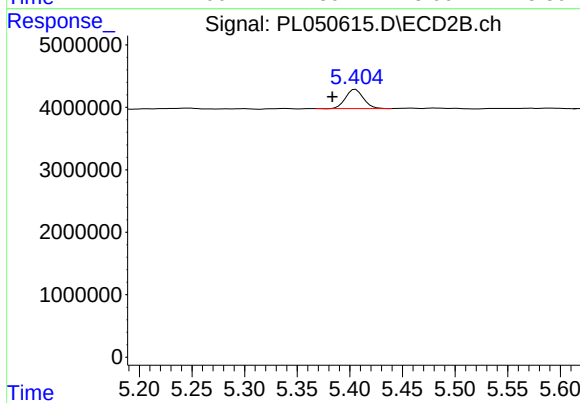
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.097 min
Response: 0
Conc: N.D.



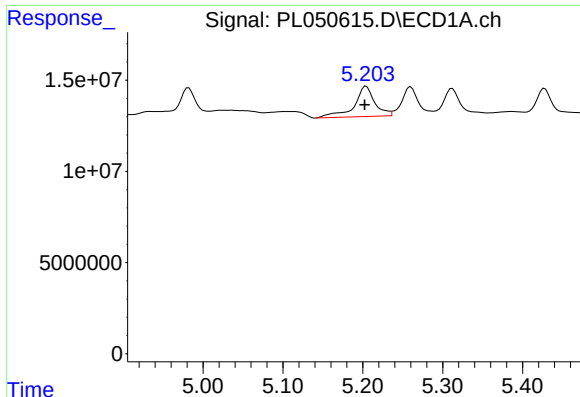
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



#24 Chlordane-2

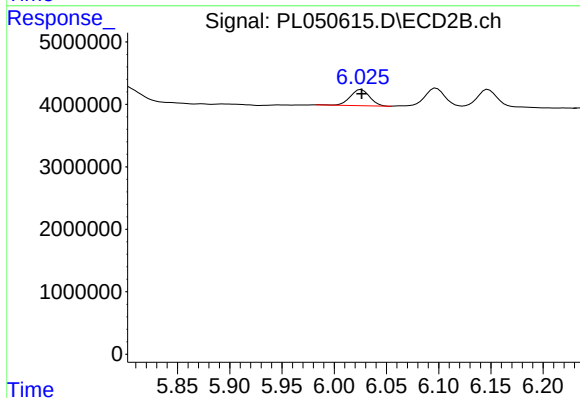
R.T.: 5.405 min
Delta R.T.: 0.022 min
Response: 3664191
Conc: 31.20 ng/ml



#25 Chlordane-3

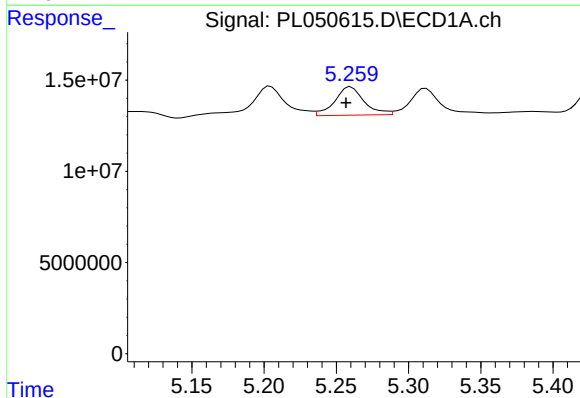
R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 29861018
Conc: 21.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



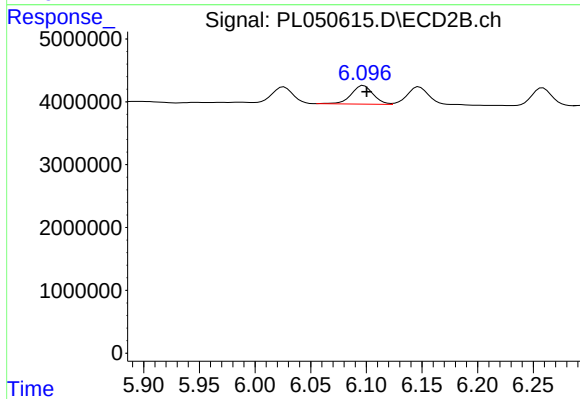
#25 Chlordane-3

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3323196
Conc: 6.91 ng/ml



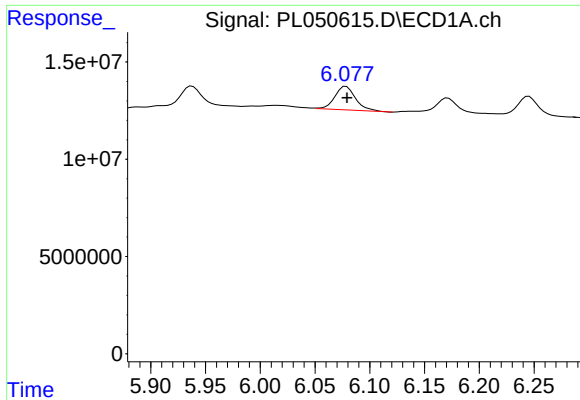
#26 Chlordane-4

R.T.: 5.260 min
Delta R.T.: 0.003 min
Response: 21982752
Conc: 16.67 ng/ml



#26 Chlordane-4

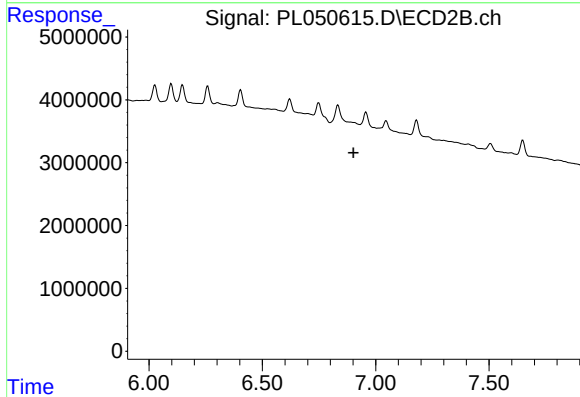
R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 4073642
Conc: 7.01 ng/ml



#27 Chlordane-5

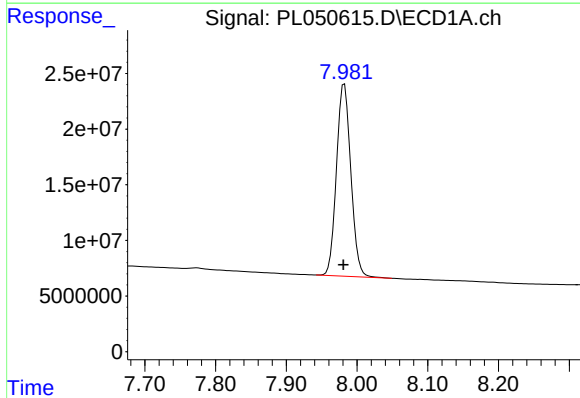
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 16089067
Conc: 31.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



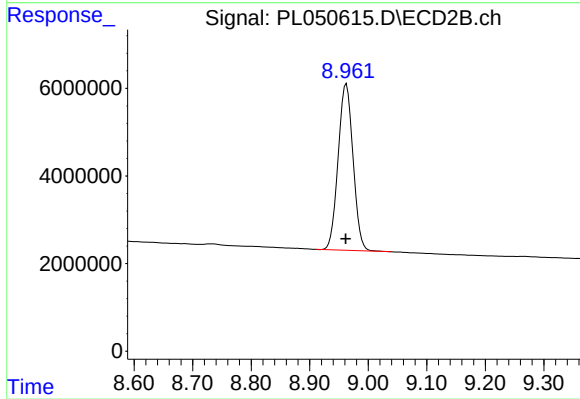
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.001 min
Response: 243536421
Conc: 24.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 67235507
Conc: 23.78 ng/ml