

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
 Data File : PL047321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2019 14:31
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 1 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 23:24:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.360	3.976	149.1E6	45240047	20.499	19.759
28)	SA Decachlor...	8.036	9.030	197.5E6	55168867	23.484	23.795
Target Compounds							
2)	A alpha-BHC	3.788	4.366	12491231	2371710	1.071	0.738 #
3)	MA gamma-BHC...	4.066	4.650	8022162	2164164	0.747	0.723
4)	MA Heptachlor	4.353	5.157	9300601	4024797	0.844	1.309 #
5)	MB Aldrin	4.593	5.460	8573831	2568927	0.831	0.897
6)	B beta-BHC	0.000	4.857f	0	3581880	N.D.	2.702 #
7)	B delta-BHC	4.515	0.000	6902577	0	0.682	N.D. #
8)	B Heptachlor...	5.031	5.845	8413543	2146589	0.863	0.814
9)	A Endosulfan I	5.362	6.203	8012438	2605728	0.852	0.998
10)	B gamma-Chl...	5.253	6.081	9698207	3013261	0.944	1.062
11)	B alpha-Chl...	5.310	6.153	9467890	2907329	0.934	1.025
12)	B 4,4'-DDE	5.476	6.311	7420618	2341418	0.806	0.943
13)	MA Dieldrin	5.602	6.460	8529443	2606447	0.850	0.962
14)	MA Endrin	5.855	6.677	8451059	2262398	0.897	0.947
15)	B Endosulfa...	6.130	6.889	8648458	2674735	0.965	1.109
16)	A 4,4'-DDD	5.988	6.802	5863577	1655705	0.776	0.823
17)	MA 4,4'-DDT	0.000	7.099	0	1806474	N.D.	0.861 #
18)	B Endrin al...	6.297	7.012	7219122	2253511	0.963	1.061
19)	B Endosulfa...	6.509	7.235	8464200	2640415	1.031	1.119
21)	B Endrin ke...	6.991	7.704	8198010	2226370	0.887	0.896
22)	Mirex	7.167	8.155	9049003	2791848	1.242	1.396
24)	Chlordane-2	0.000	5.460f	0	2568927	N.D.	21.992 #
25)	Chlordane-3	5.253	6.081	9698207	3013261	8.708	7.903
26)	Chlordane-4	5.310	6.153	9467890	2907329	9.156	6.301 #
27)	Chlordane-5	6.130	0.000	8648458	0	25.342	N.D. #

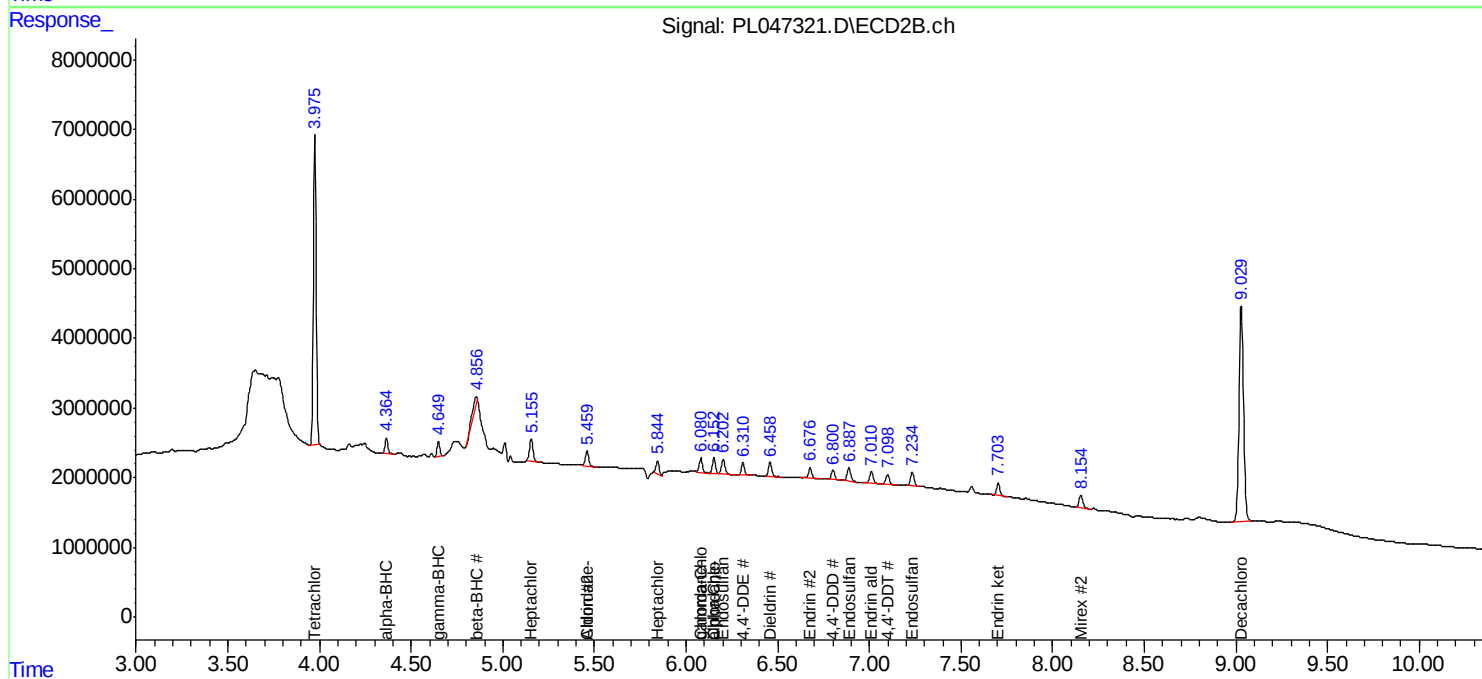
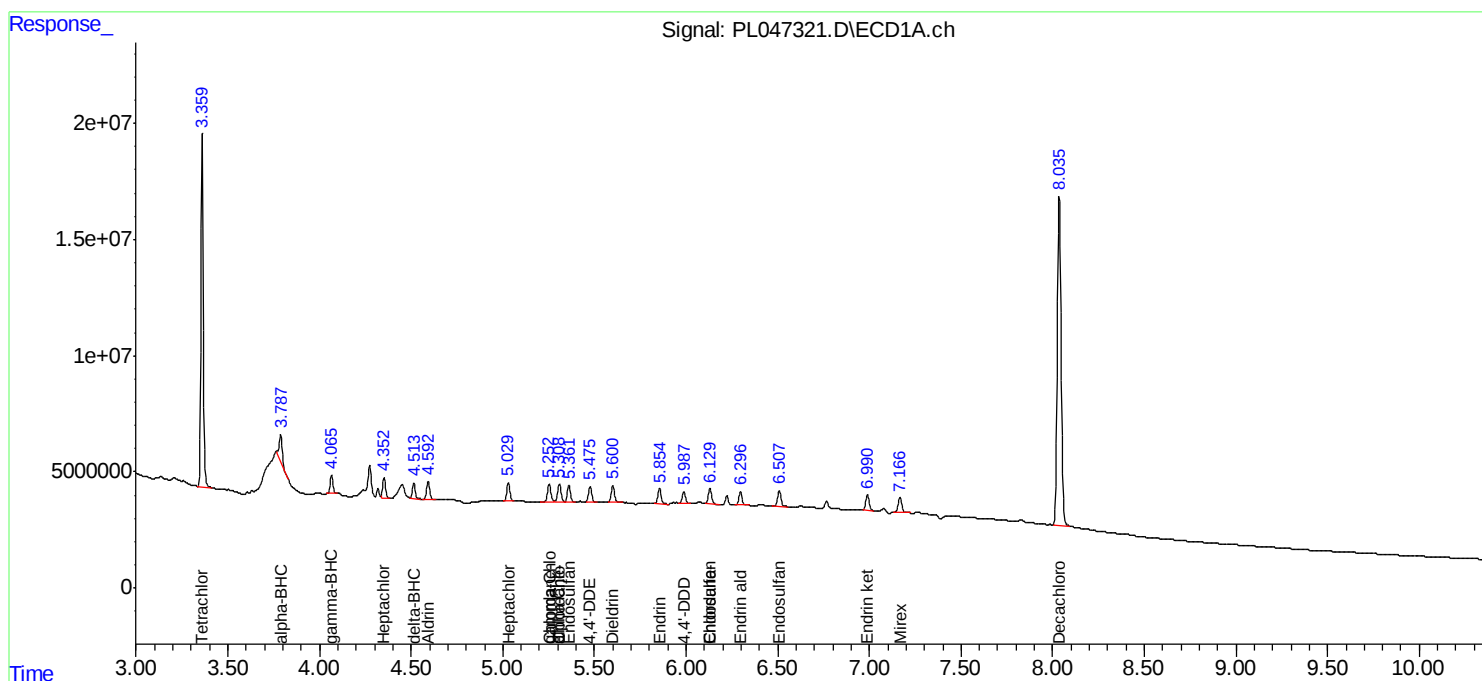
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

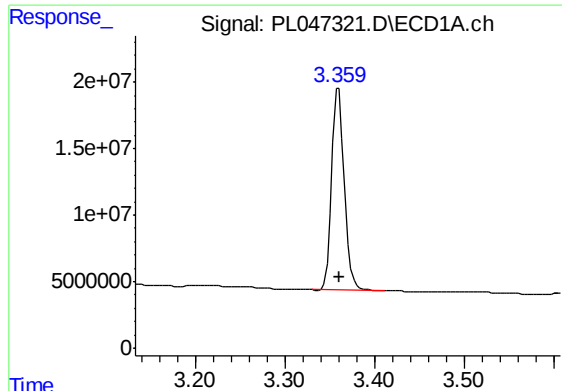
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041219\
Data File : PL047321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2019 14:31
Operator : AJ\SJ
Sample : K2241-01
Misc : LOD 1 PPB
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 23:24:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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

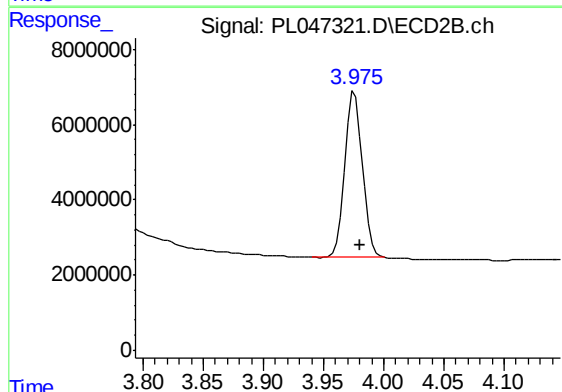




#1 Tetrachloro-m-xylene

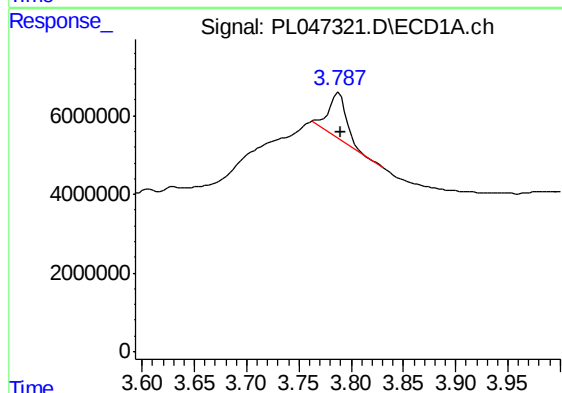
R.T.: 3.360 min
Delta R.T.: 0.000 min
Response: 149120188
Conc: 20.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



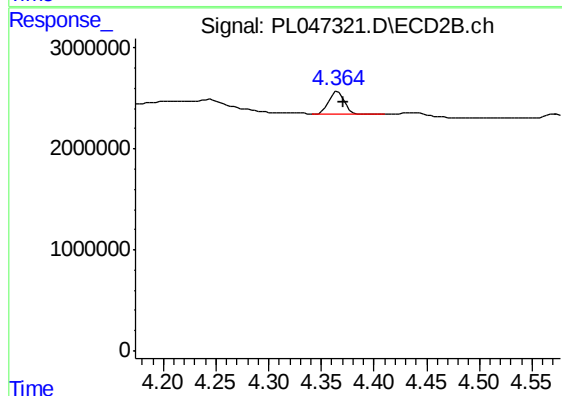
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 45240047
Conc: 19.76 ng/ml



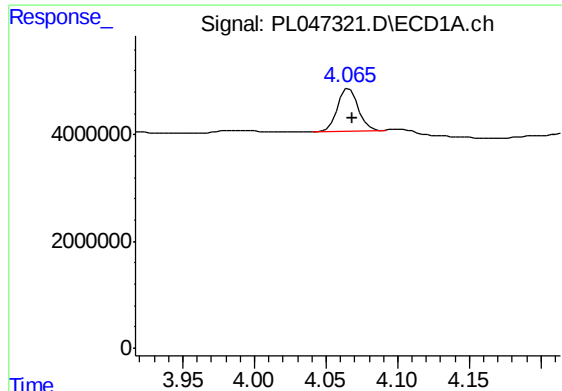
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.002 min
Response: 12491231
Conc: 1.07 ng/ml



#2 alpha-BHC

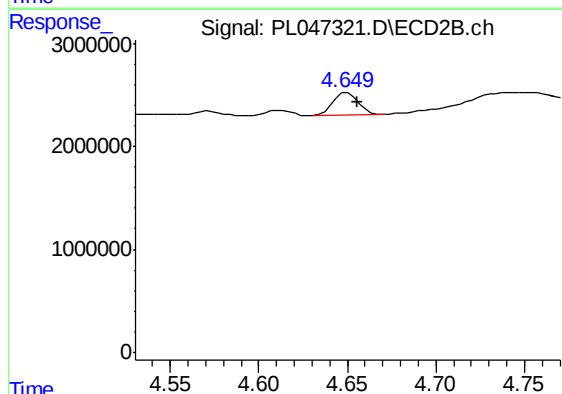
R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 2371710
Conc: 0.74 ng/ml



#3 gamma-BHC (Lindane)

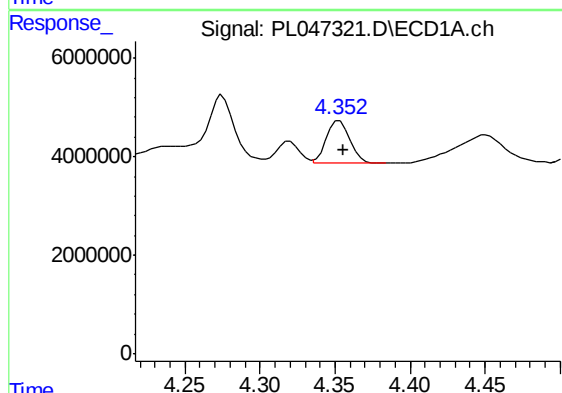
R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 8022162
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



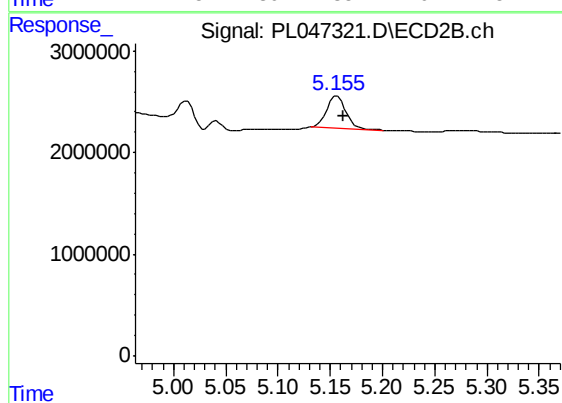
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.006 min
Response: 2164164
Conc: 0.72 ng/ml



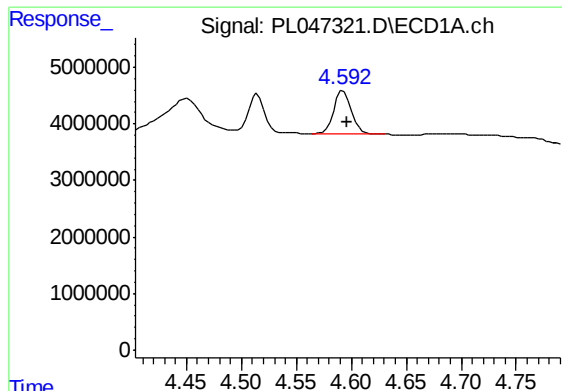
#4 Heptachlor

R.T.: 4.353 min
Delta R.T.: -0.003 min
Response: 9300601
Conc: 0.84 ng/ml



#4 Heptachlor

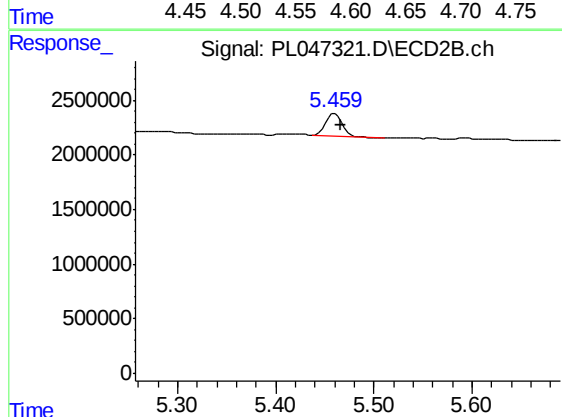
R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 4024797
Conc: 1.31 ng/ml



#5 Aldrin

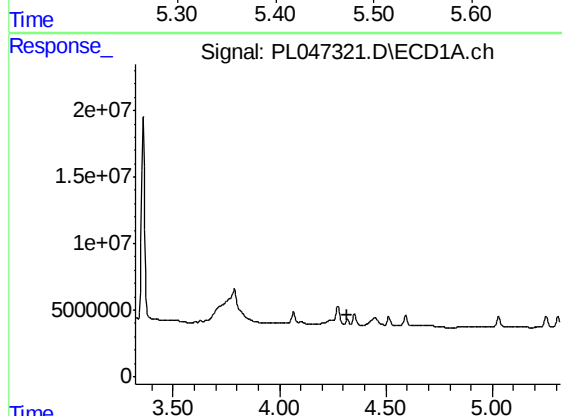
R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 8573831
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



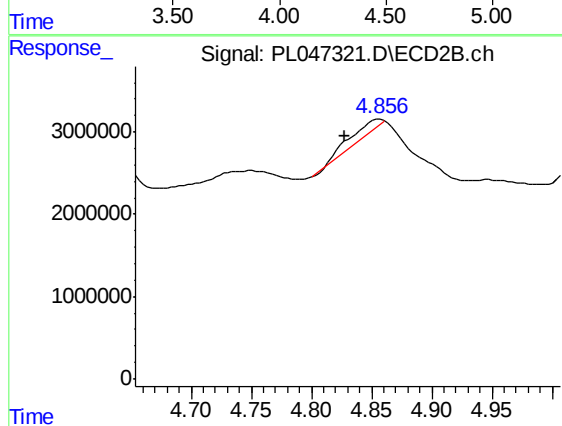
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 2568927
Conc: 0.90 ng/ml



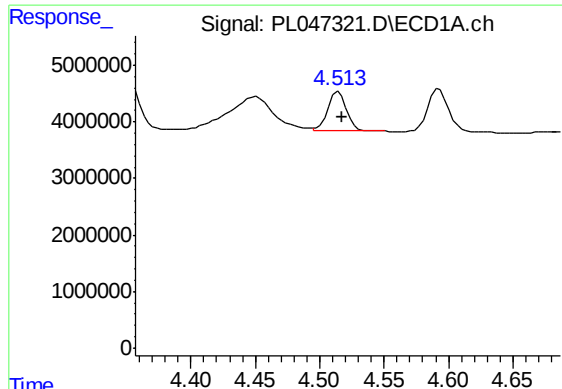
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.321 min
Response: 0
Conc: N.D.



#6 beta-BHC

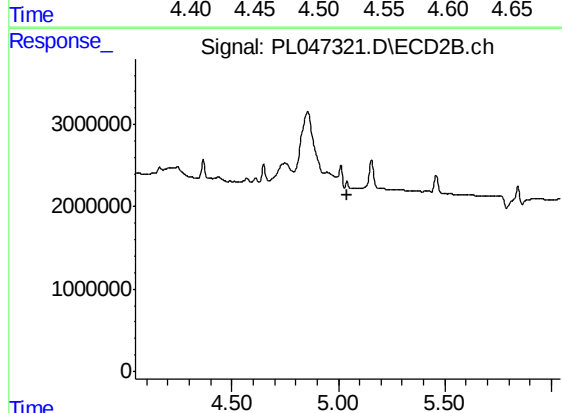
R.T.: 4.857 min
Delta R.T.: 0.029 min
Response: 3581880
Conc: 2.70 ng/ml



#7 delta-BHC

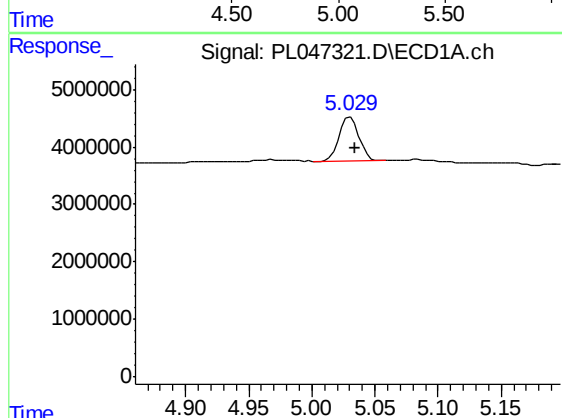
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 6902577
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



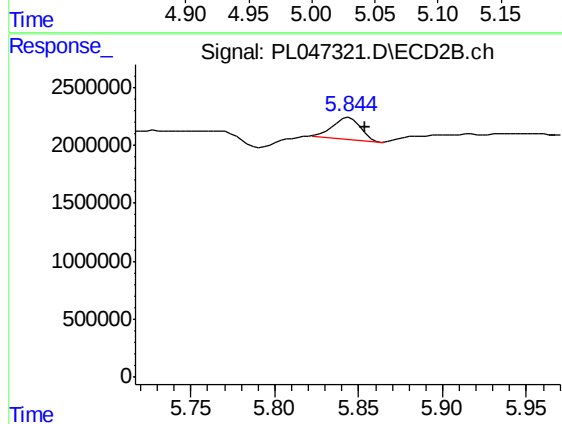
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.044 min
Response: 0
Conc: N.D.



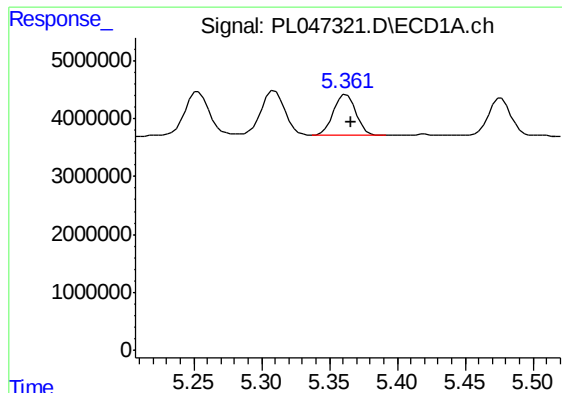
#8 Heptachlor epoxide

R.T.: 5.031 min
Delta R.T.: -0.003 min
Response: 8413543
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

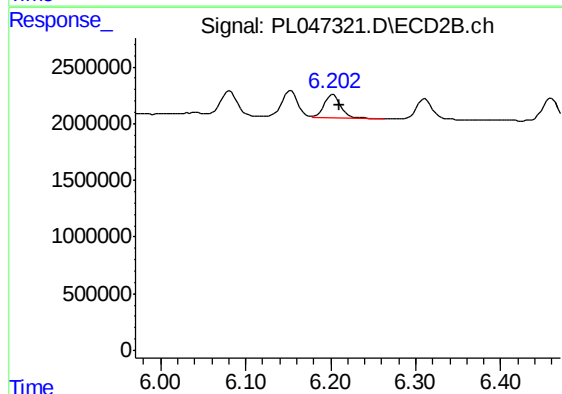
R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 2146589
Conc: 0.81 ng/ml



#9 Endosulfan I

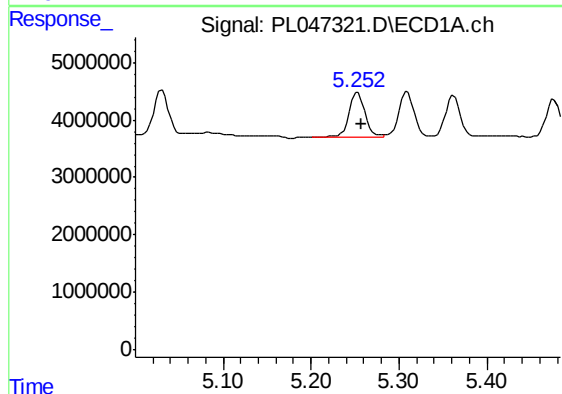
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 8012438
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



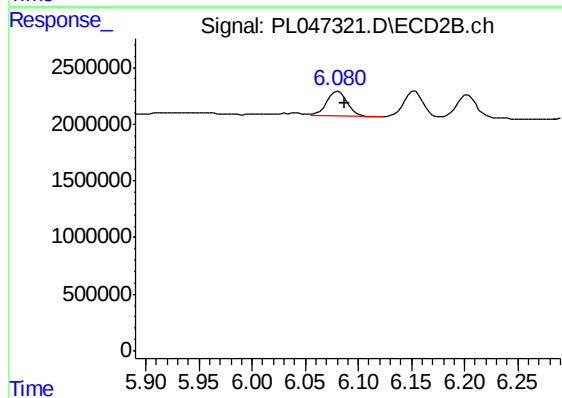
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 2605728
Conc: 1.00 ng/ml



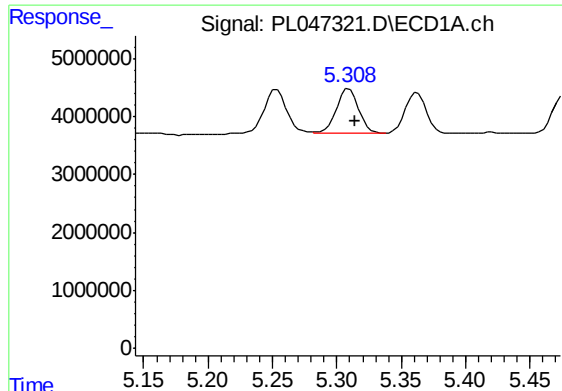
#10 gamma-Chlordane

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 9698207
Conc: 0.94 ng/ml



#10 gamma-Chlordane

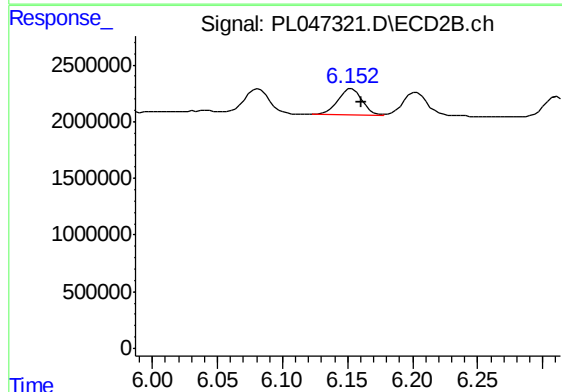
R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 3013261
Conc: 1.06 ng/ml



#11 alpha-Chlordane

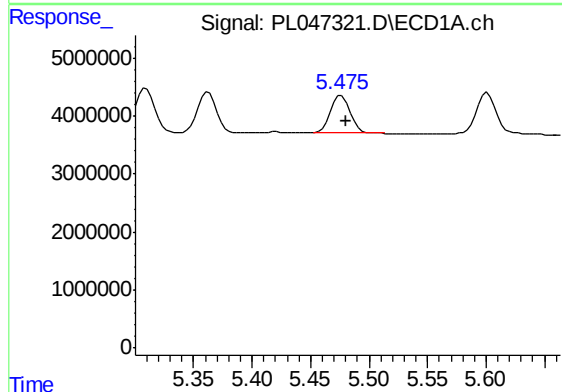
R.T.: 5.310 min
Delta R.T.: -0.004 min
Response: 9467890
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



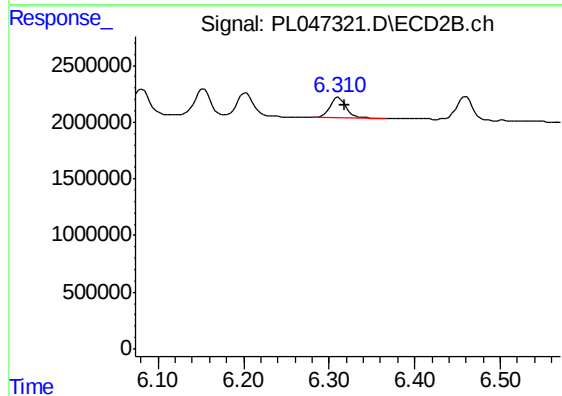
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 2907329
Conc: 1.02 ng/ml



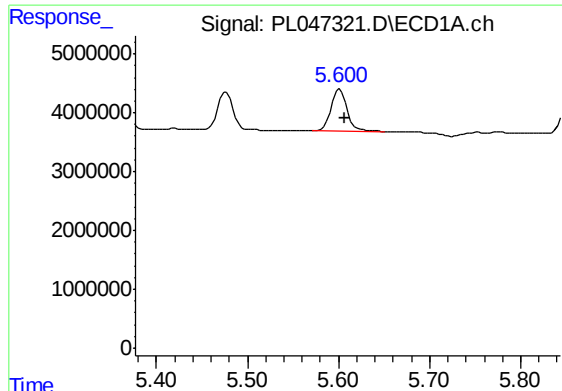
#12 4,4'-DDE

R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 7420618
Conc: 0.81 ng/ml



#12 4,4'-DDE

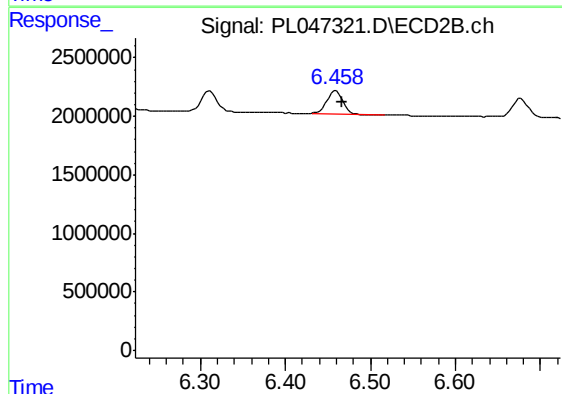
R.T.: 6.311 min
Delta R.T.: -0.007 min
Response: 2341418
Conc: 0.94 ng/ml



#13 Dieldrin

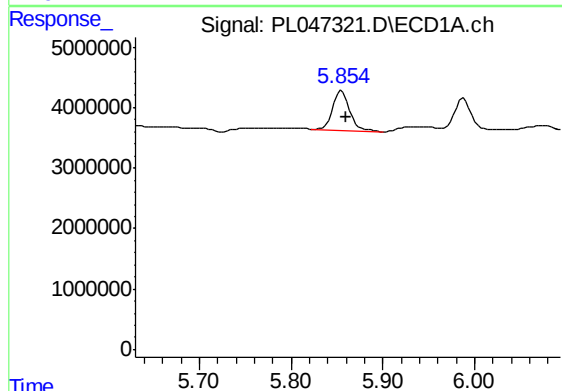
R.T.: 5.602 min
Delta R.T.: -0.005 min
Response: 8529443
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



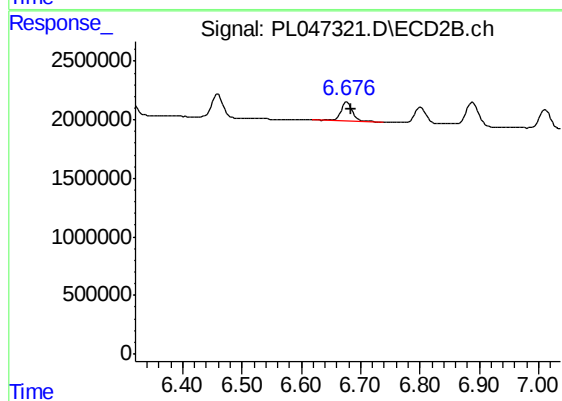
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 2606447
Conc: 0.96 ng/ml



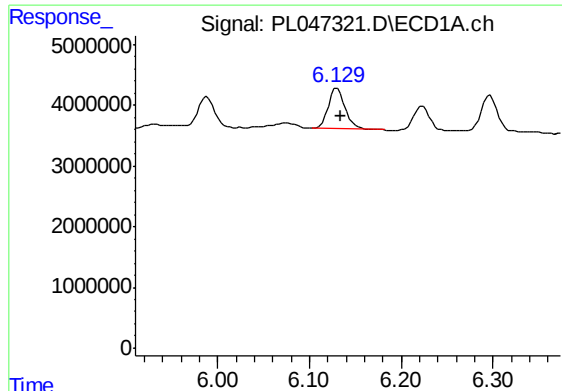
#14 Endrin

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 8451059
Conc: 0.90 ng/ml



#14 Endrin

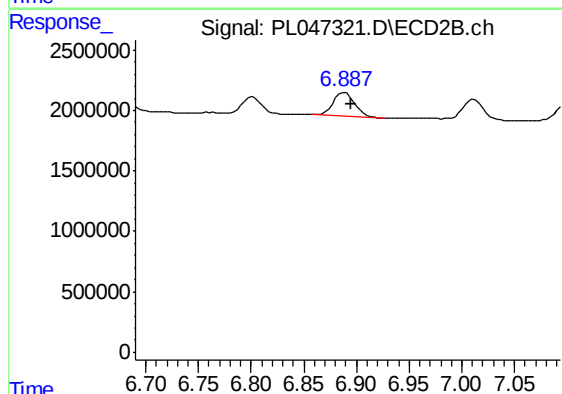
R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 2262398
Conc: 0.95 ng/ml



#15 Endosulfan II

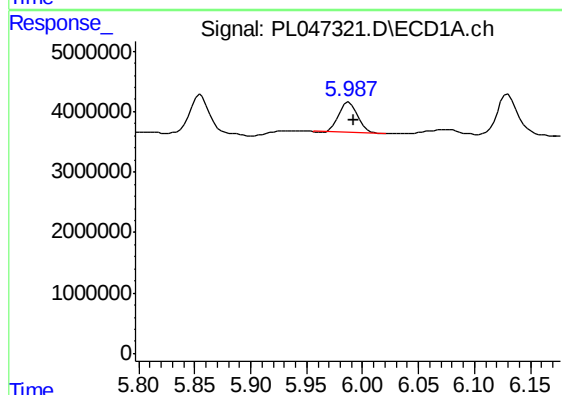
R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 8648458
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



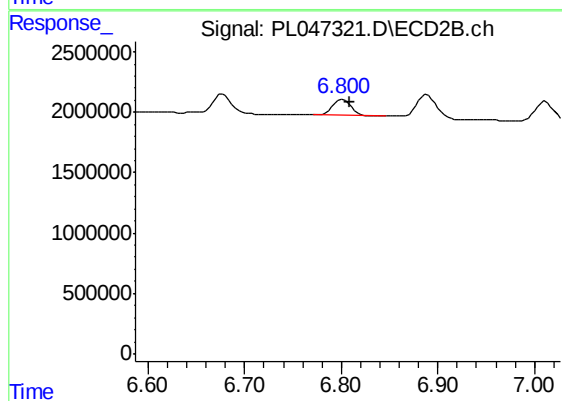
#15 Endosulfan II

R.T.: 6.889 min
Delta R.T.: -0.006 min
Response: 2674735
Conc: 1.11 ng/ml



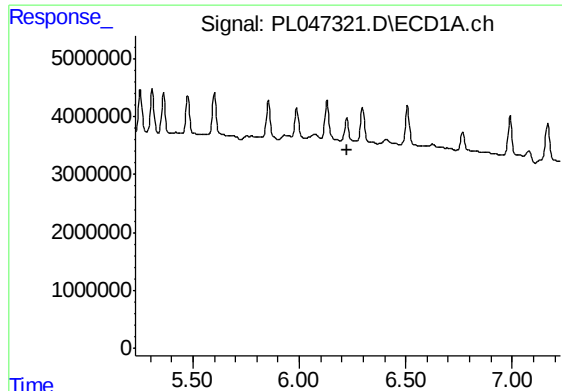
#16 4,4'-DDD

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 5863577
Conc: 0.78 ng/ml



#16 4,4'-DDD

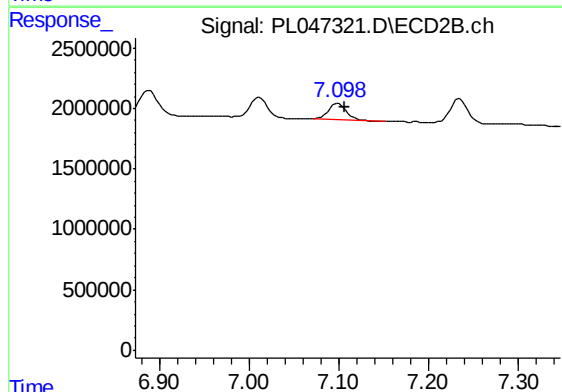
R.T.: 6.802 min
Delta R.T.: -0.007 min
Response: 1655705
Conc: 0.82 ng/ml



#17 4,4'-DDT

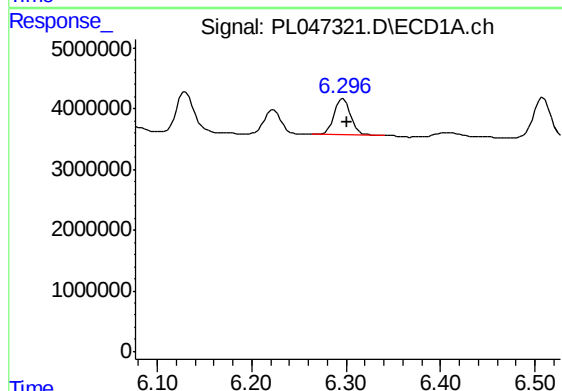
R.T.: 0.000 min
Exp R.T.: 6.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



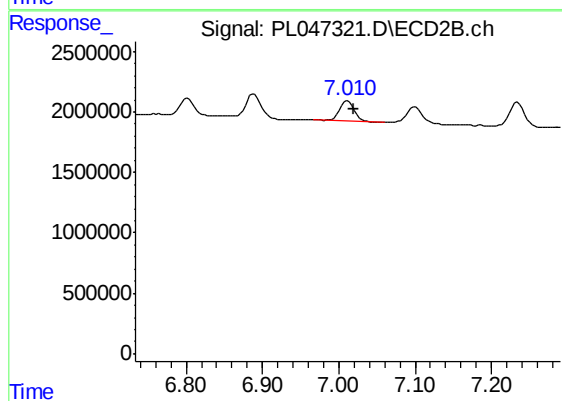
#17 4,4'-DDT

R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 1806474
Conc: 0.86 ng/ml



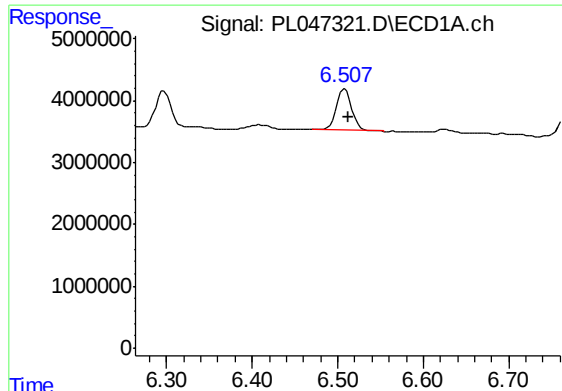
#18 Endrin aldehyde

R.T.: 6.297 min
Delta R.T.: -0.004 min
Response: 7219122
Conc: 0.96 ng/ml



#18 Endrin aldehyde

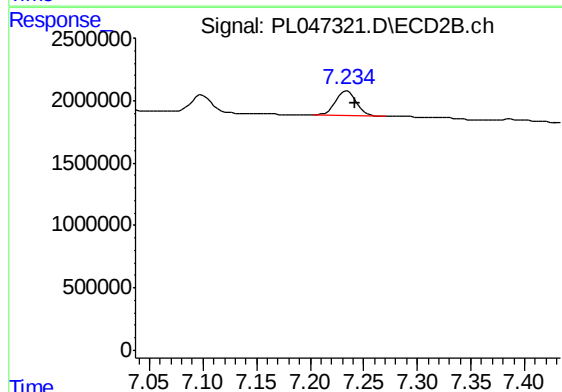
R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 2253511
Conc: 1.06 ng/ml



#19 Endosulfan Sulfate

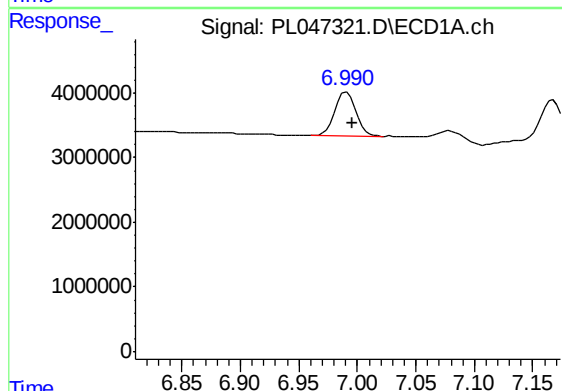
R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 8464200
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



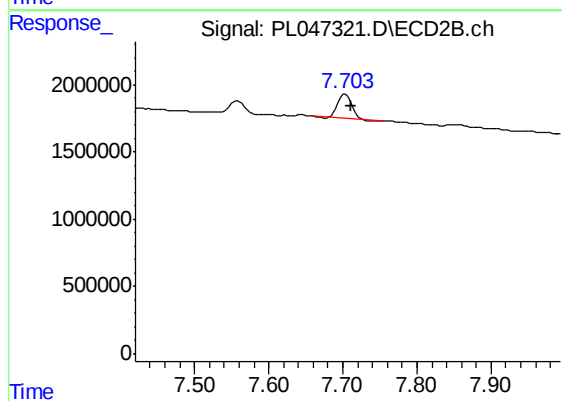
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 2640415
Conc: 1.12 ng/ml



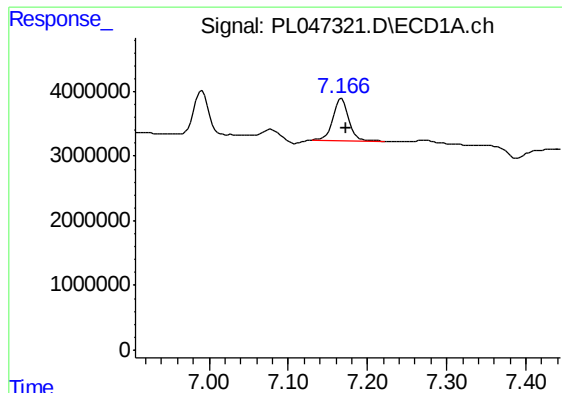
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 8198010
Conc: 0.89 ng/ml



#21 Endrin ketone

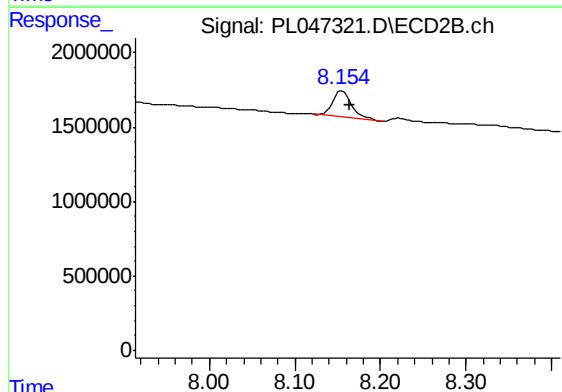
R.T.: 7.704 min
Delta R.T.: -0.008 min
Response: 2226370
Conc: 0.90 ng/ml



#22 Mirex

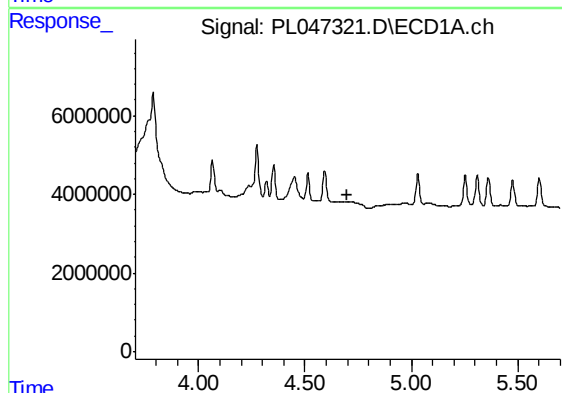
R.T.: 7.167 min
Delta R.T.: -0.006 min
Response: 9049003
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



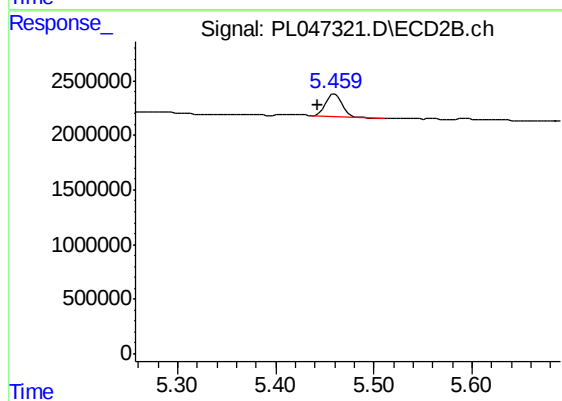
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 2791848
Conc: 1.40 ng/ml



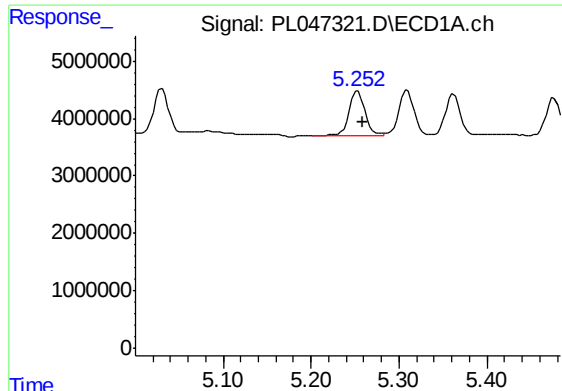
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#24 Chlordane-2

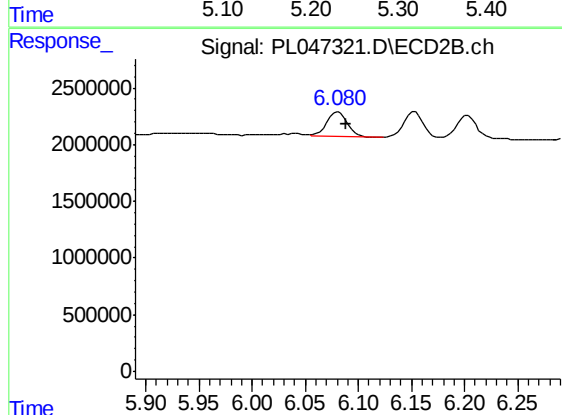
R.T.: 5.460 min
Delta R.T.: 0.018 min
Response: 2568927
Conc: 21.99 ng/ml



#25 Chlordane-3

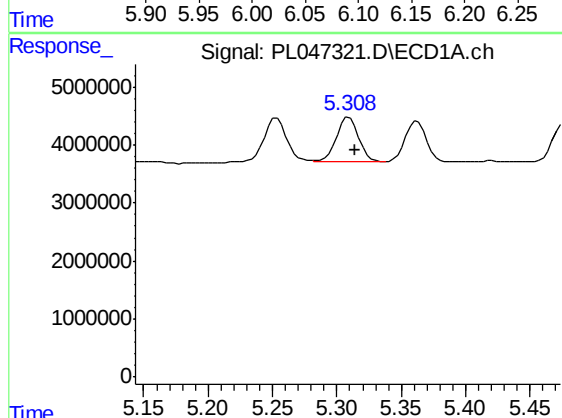
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 9698207
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



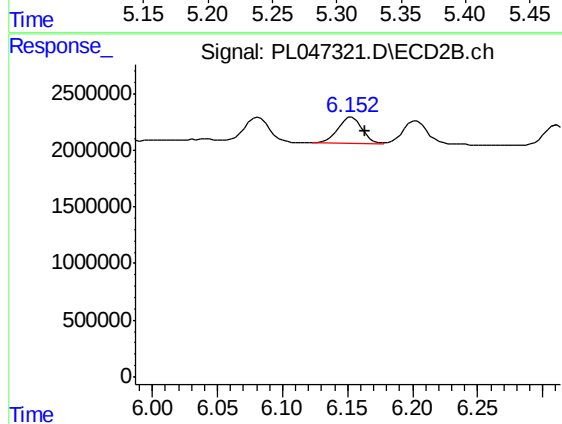
#25 Chlordane-3

R.T.: 6.081 min
Delta R.T.: -0.008 min
Response: 3013261
Conc: 7.90 ng/ml



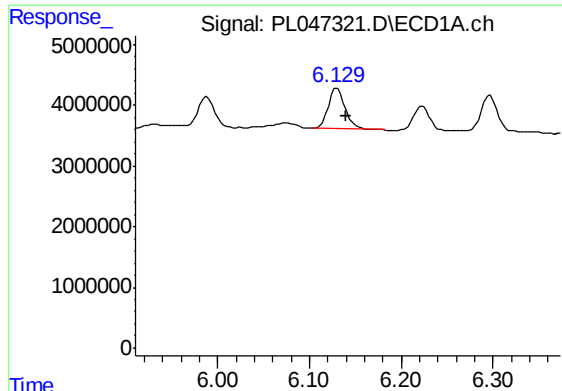
#26 Chlordane-4

R.T.: 5.310 min
Delta R.T.: -0.005 min
Response: 9467890
Conc: 9.16 ng/ml



#26 Chlordane-4

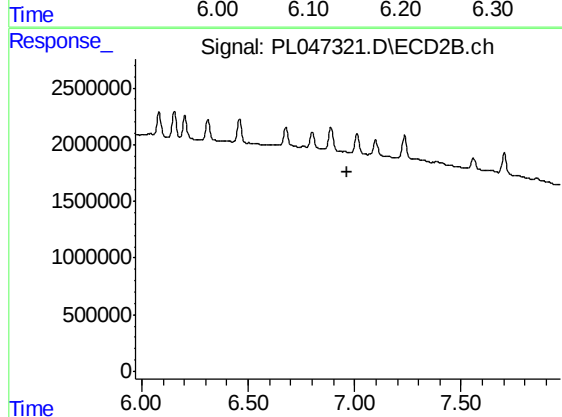
R.T.: 6.153 min
Delta R.T.: -0.010 min
Response: 2907329
Conc: 6.30 ng/ml



#27 Chlordane-5

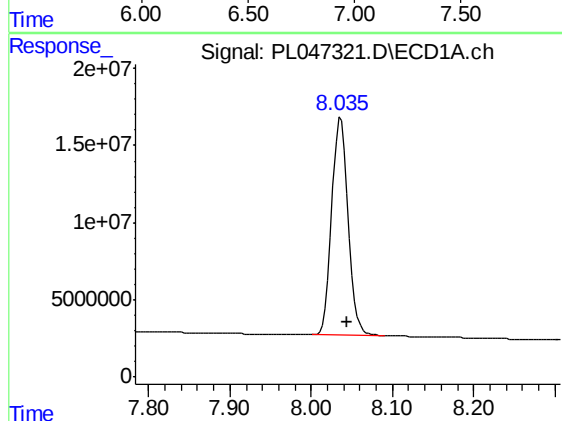
R.T.: 6.130 min
Delta R.T.: -0.009 min
Response: 8648458
Conc: 25.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



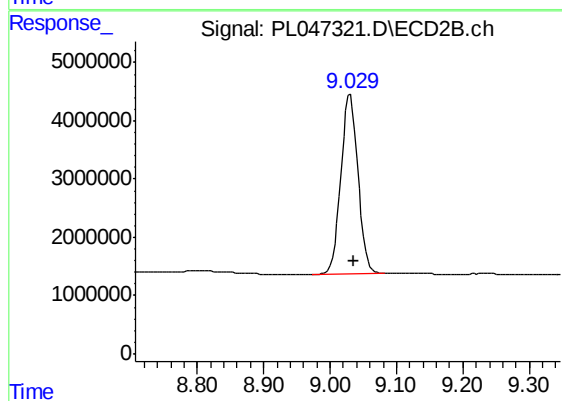
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.036 min
Delta R.T.: -0.008 min
Response: 197524177
Conc: 23.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 55168867
Conc: 23.80 ng/ml