

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 13:06
 Operator : AR\AJ
 Sample : P2403-01
 Misc : CH/LOD 25PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 22:23:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.550	2.796	42213599	27071141	20.963	21.099
28)	SA Decachlor...	9.066	7.949	28817193	28182942	20.598	20.951
Target Compounds							
2)	A alpha-BHC	4.020	3.288	296625	219903	0.104	0.117
3)	MA gamma-BHC...	4.367f	3.652f	43113	214624	0.015	0.116 #
4)	MA Heptachlor	4.928	3.974	7718987	1793425	3.112	1.023 #
5)	MB Aldrin	5.242f	4.272f	7379586	173402	2.873	0.098 #
6)	B beta-BHC	0.000	3.937	0	28080	N.D.	0.034 #
7)	B delta-BHC	4.775	4.157	1841385	189555	0.694	0.105 #
8)	B Heptachlo...	5.679f	0.000	4026097	0	1.717	N.D. #
9)	A Endosulfan I	6.081	5.117	510314	380888	0.237	0.254
10)	B gamma-Chl...	5.952	5.009	12231058	4490875	5.351	2.737 #
11)	B alpha-Chl...	6.034	5.073	14219257	4209415	6.251	2.552 #
12)	B 4,4'-DDE	6.192	5.250	278239	22969	0.138	0.016 #
13)	MA Dieldrin	6.362	5.417f	480047	42487	0.214	0.026 #
14)	MA Endrin	0.000	5.678	0	292708	N.D.	0.204 #
15)	B Endosulfa...	6.790	5.969	245346	1715161	0.123	1.192 #
16)	A 4,4'-DDD	6.737f	5.800f	598524	145537	0.355	0.118 #
17)	MA 4,4'-DDT	7.011f	6.068	979176	17499	0.532	0.013 #
19)	B Endosulfa...	7.167	6.372	105456	66380	0.058	0.048
20)	A Methoxychlor	7.514	6.644	410480	36168	0.417	0.045 #
21)	B Endrin ke...	7.665f	0.000	25246	0	0.013	N.D. #
22)	Mirex	8.111	7.058	39171	11394	0.025	0.008 #
23)	Chlordane-1	4.713	3.799	2630445	1267019	28.811	25.752
24)	Chlordane-2	5.242	4.378	7379586	1827444	70.219	28.727 #
25)	Chlordane-3	5.952	5.009	12231058	4490875	37.035	26.229 #
26)	Chlordane-4	6.034	5.073	14219257	4209415	34.883	26.171
27)	Chlordane-5	6.883	5.739	618754	1146534	7.435	22.403 #

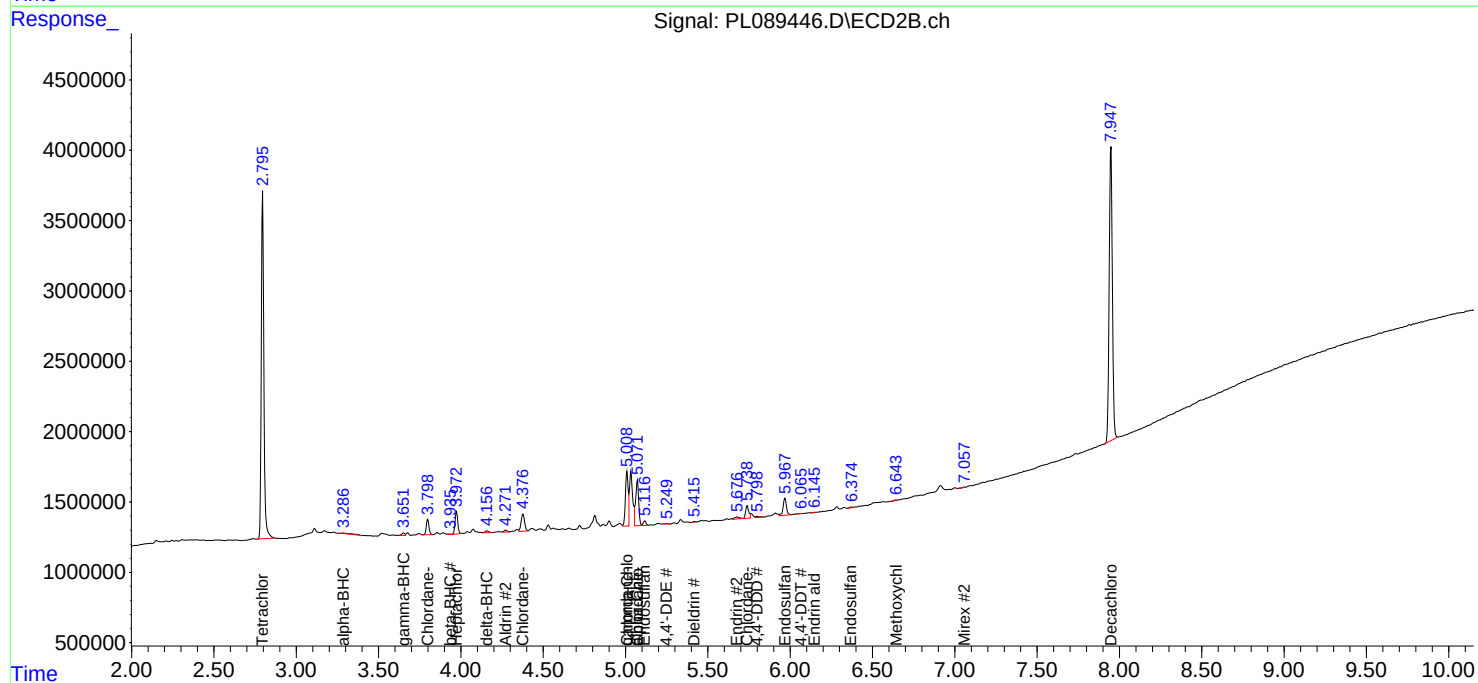
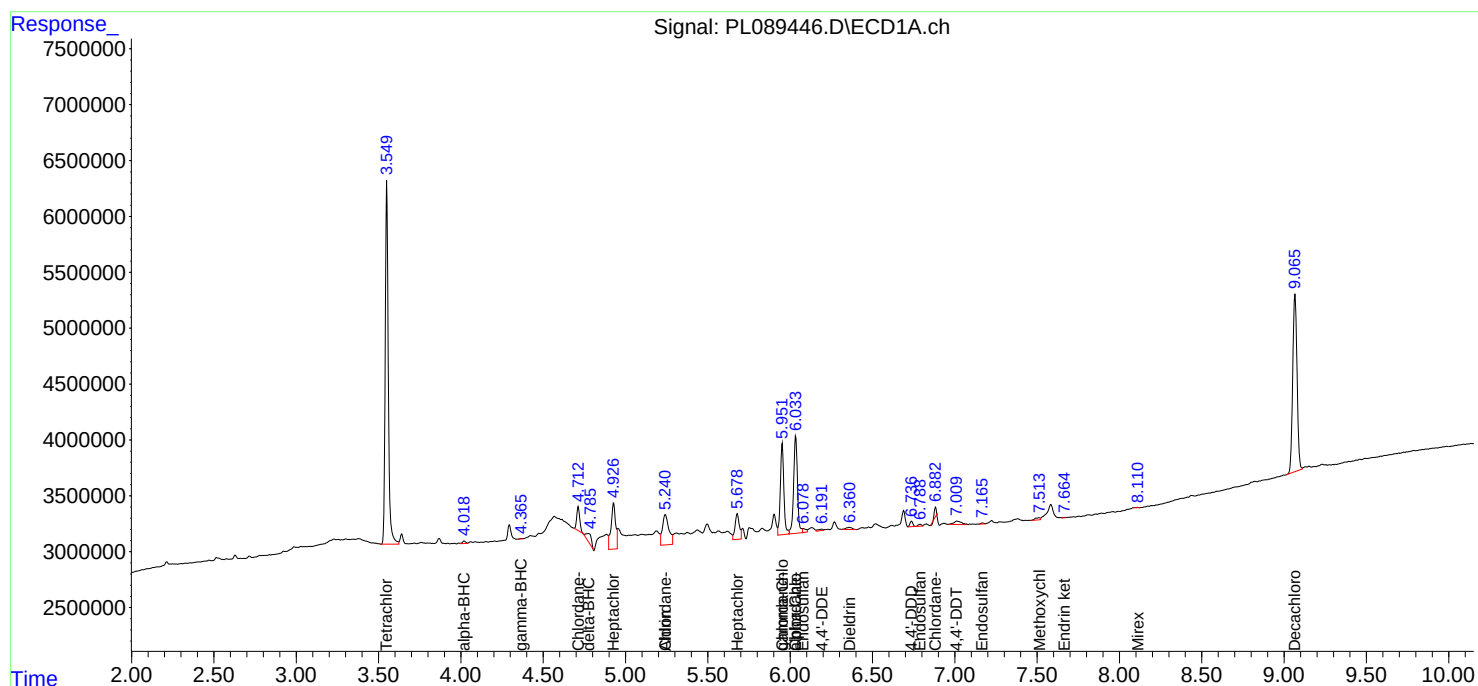
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

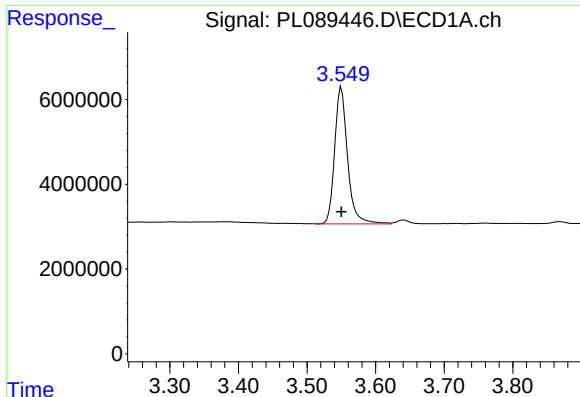
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 13:06
Operator : AR\AJ
Sample : P2403-01
Misc : CH/LOD 25PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 22:23:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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

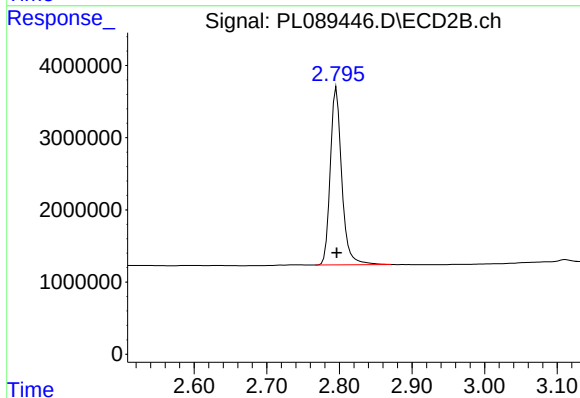




#1 Tetrachloro-m-xylene

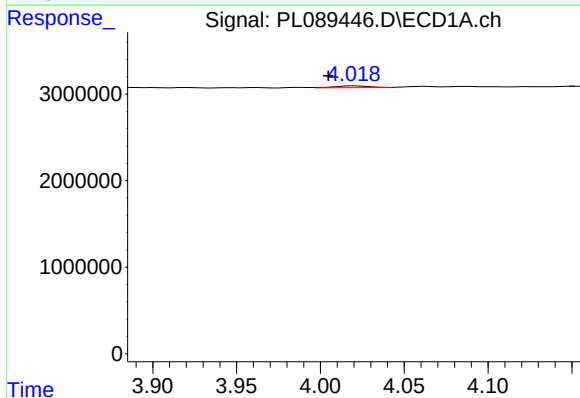
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 42213599
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



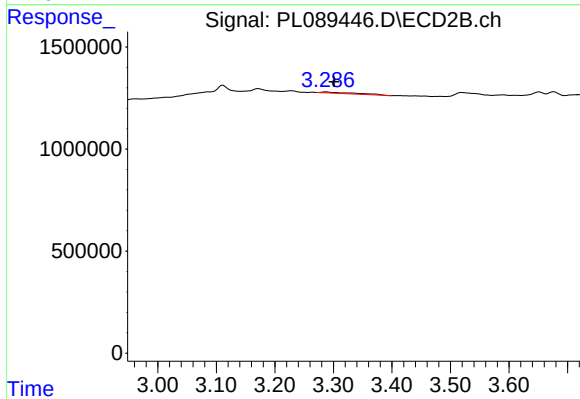
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 27071141
Conc: 21.10 ng/ml



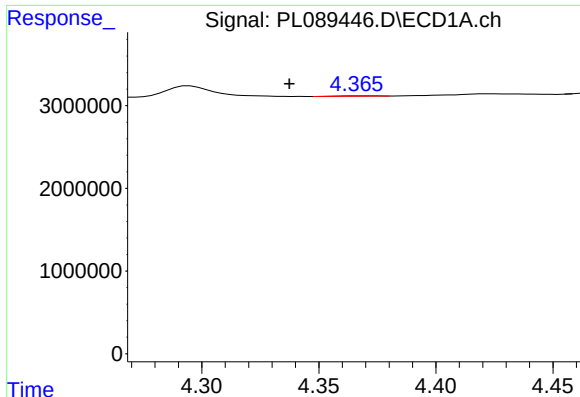
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.015 min
Response: 296625
Conc: 0.10 ng/ml



#2 alpha-BHC

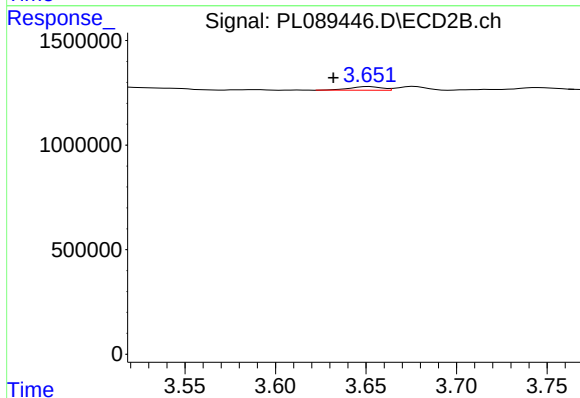
R.T.: 3.288 min
Delta R.T.: -0.014 min
Response: 219903
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

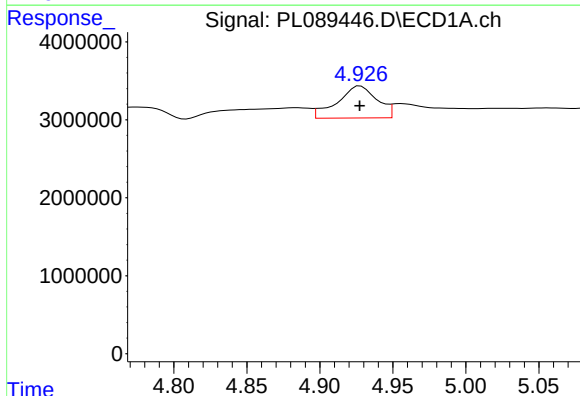
R.T.: 4.367 min
Delta R.T.: 0.029 min
Response: 43113
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



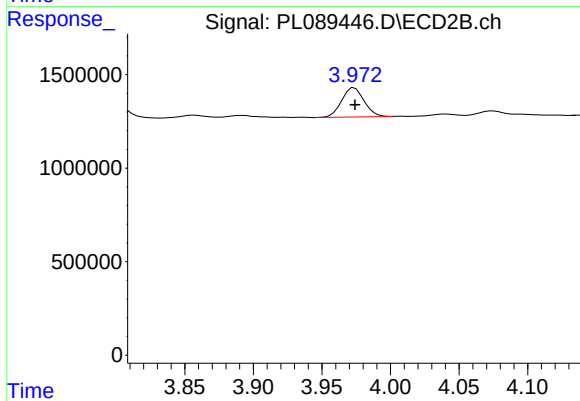
#3 gamma-BHC (Lindane)

R.T.: 3.652 min
Delta R.T.: 0.020 min
Response: 214624
Conc: 0.12 ng/ml



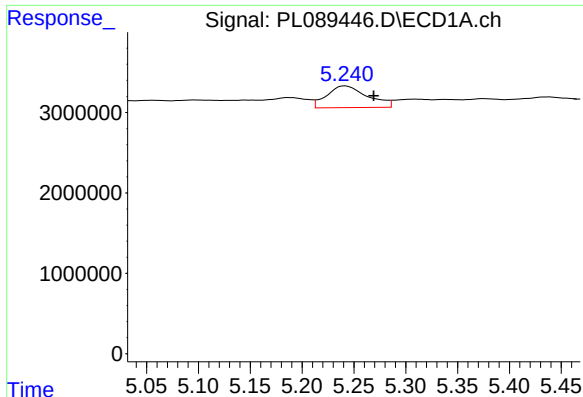
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 7718987
Conc: 3.11 ng/ml



#4 Heptachlor

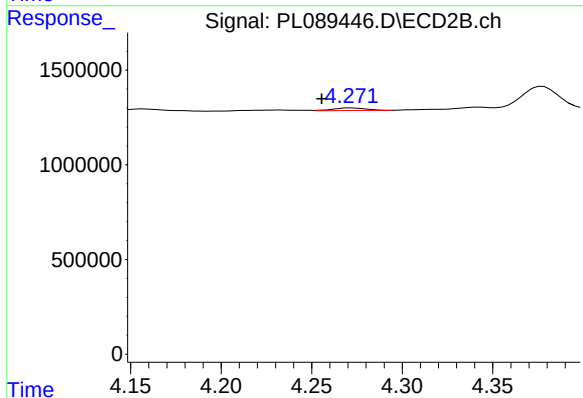
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 1793425
Conc: 1.02 ng/ml



#5 Aldrin

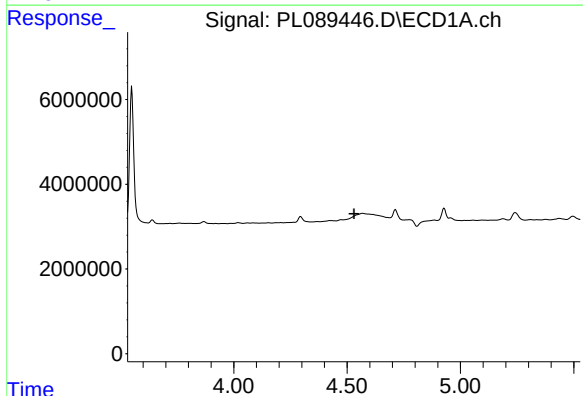
R.T.: 5.242 min
Delta R.T.: -0.027 min
Response: 7379586
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



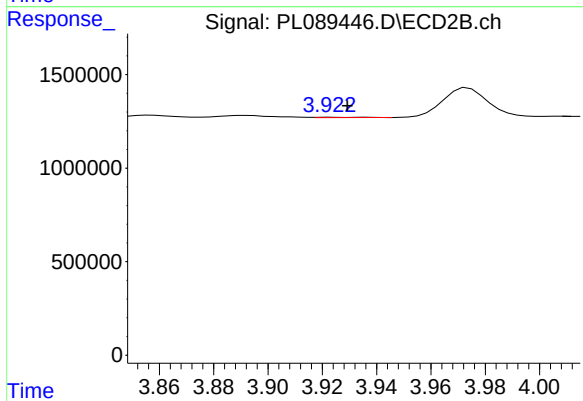
#5 Aldrin

R.T.: 4.272 min
Delta R.T.: 0.016 min
Response: 173402
Conc: 0.10 ng/ml



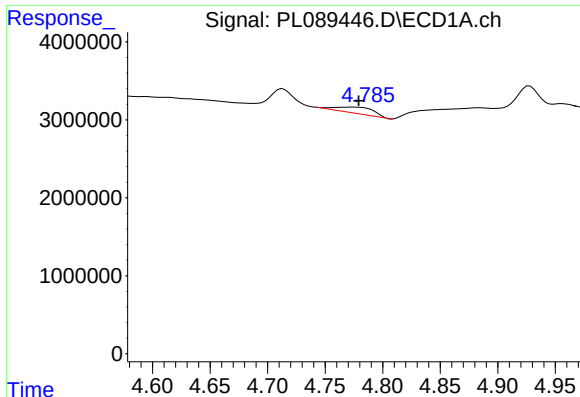
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.532 min
Response: 0
Conc: N.D.



#6 beta-BHC

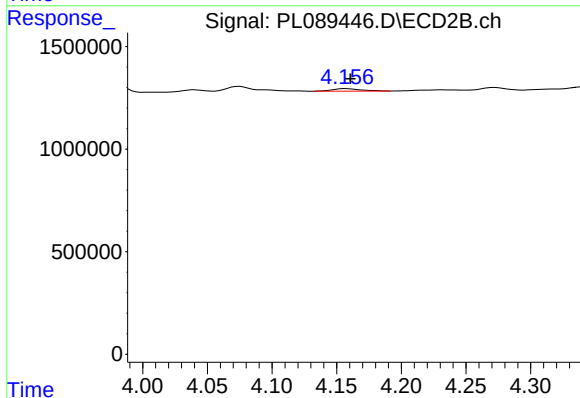
R.T.: 3.937 min
Delta R.T.: 0.007 min
Response: 28080
Conc: 0.03 ng/ml



#7 delta-BHC

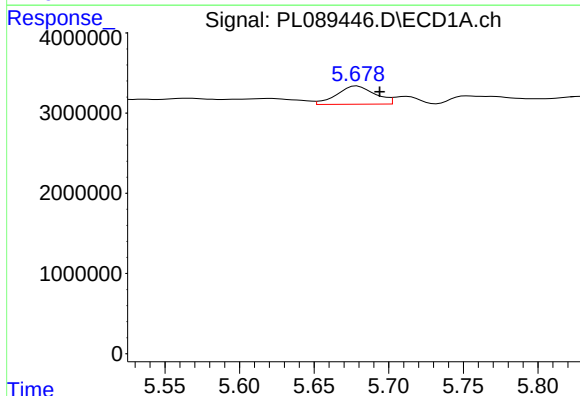
R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 1841385
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



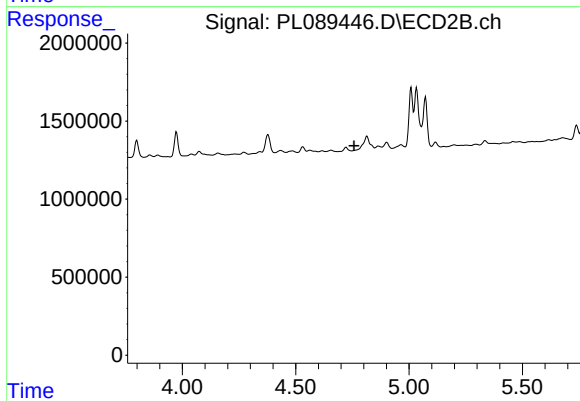
#7 delta-BHC

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 189555
Conc: 0.11 ng/ml



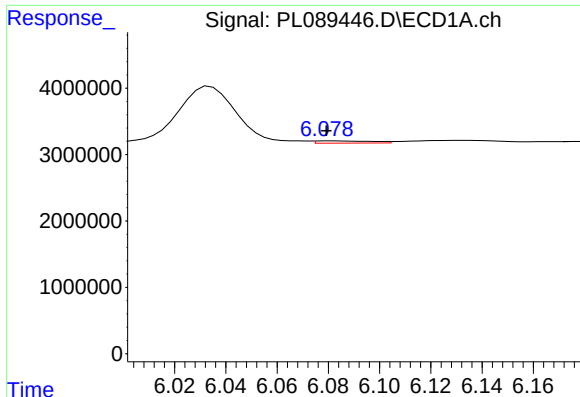
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.015 min
Response: 4026097
Conc: 1.72 ng/ml



#8 Heptachlor epoxide

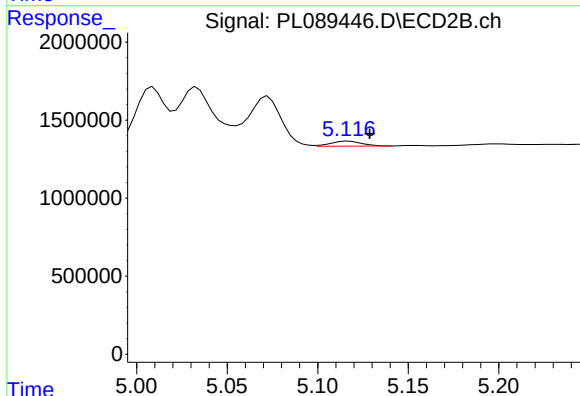
R.T.: 0.000 min
Exp R.T. : 4.758 min
Response: 0
Conc: N.D.



#9 Endosulfan I

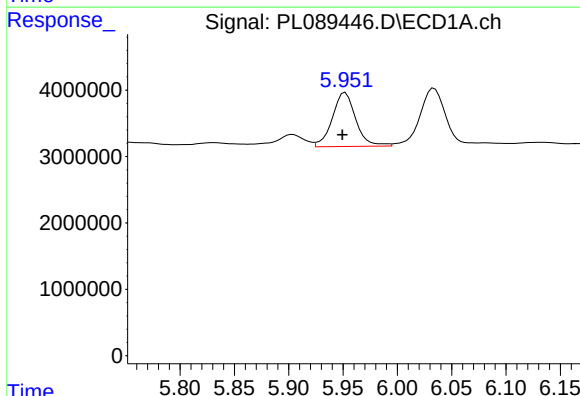
R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 510314
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



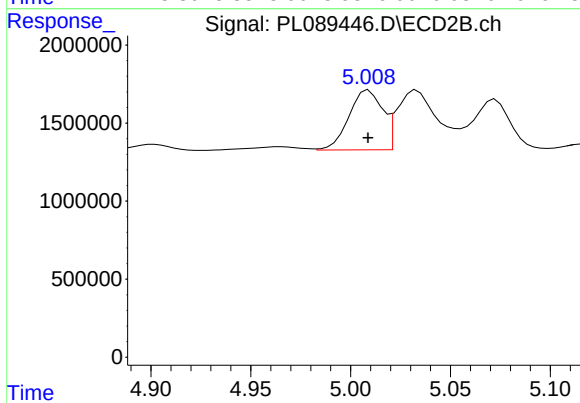
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 380888
Conc: 0.25 ng/ml



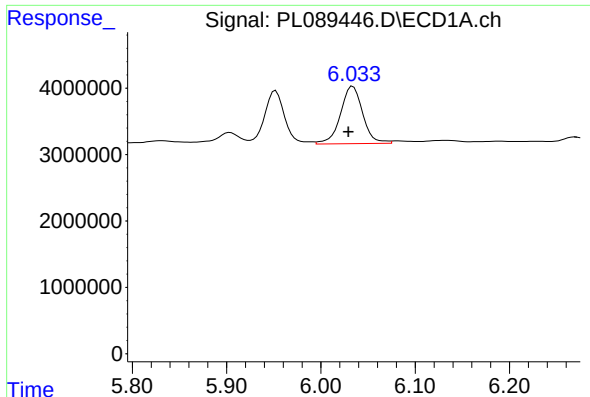
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 12231058
Conc: 5.35 ng/ml



#10 gamma-Chlordane

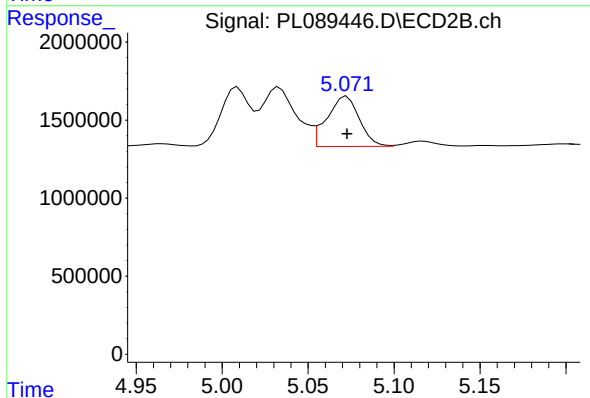
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4490875
Conc: 2.74 ng/ml



#11 alpha-Chlordane

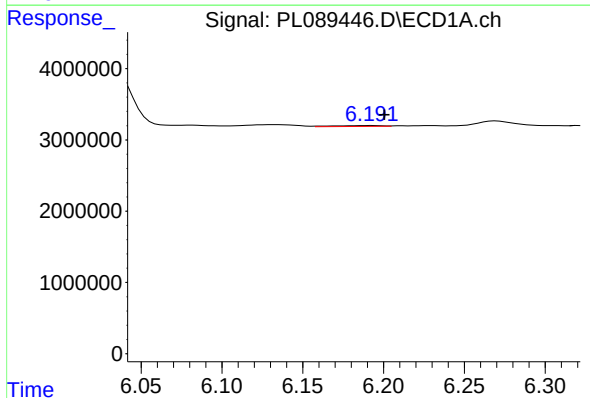
R.T.: 6.034 min
Delta R.T.: 0.005 min
Response: 14219257
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



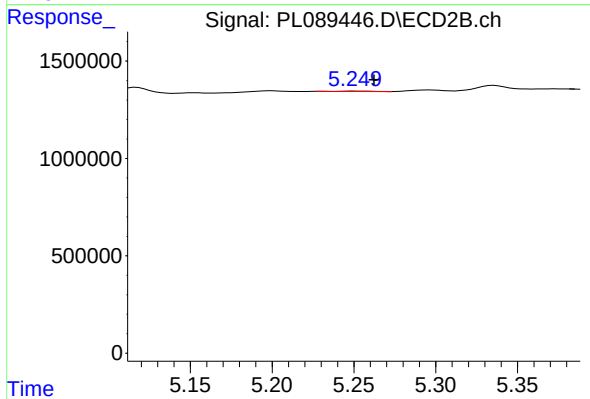
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4209415
Conc: 2.55 ng/ml



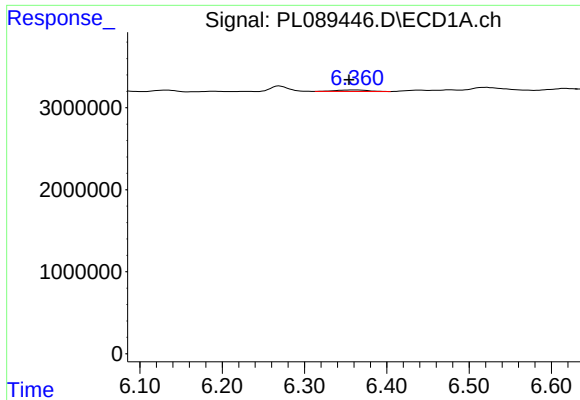
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.008 min
Response: 278239
Conc: 0.14 ng/ml



#12 4,4'-DDE

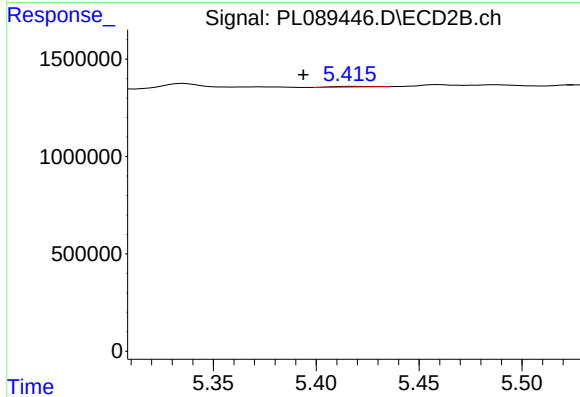
R.T.: 5.250 min
Delta R.T.: -0.012 min
Response: 22969
Conc: 0.02 ng/ml



#13 Dieldrin

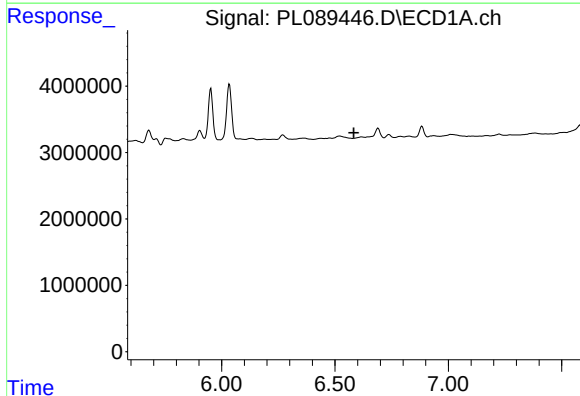
R.T.: 6.362 min
Delta R.T.: 0.007 min
Response: 480047
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



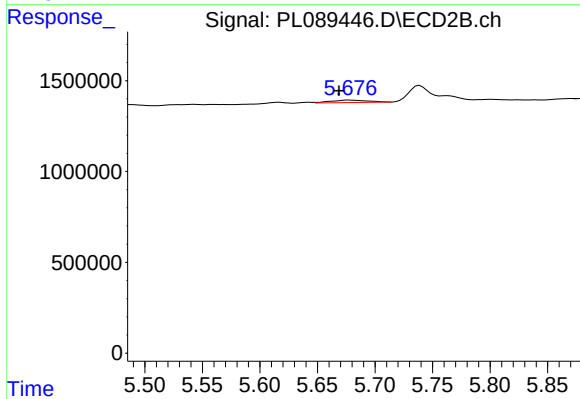
#13 Dieldrin

R.T.: 5.417 min
Delta R.T.: 0.024 min
Response: 42487
Conc: 0.03 ng/ml



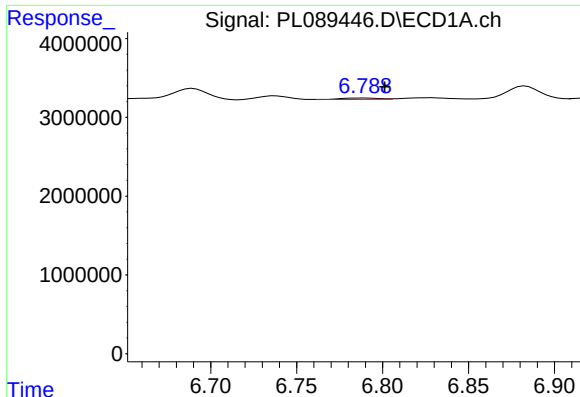
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#14 Endrin

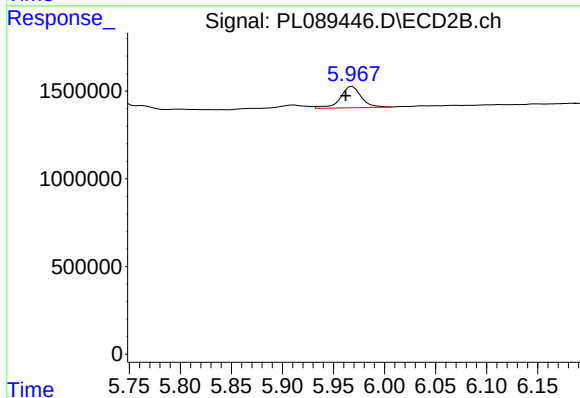
R.T.: 5.678 min
Delta R.T.: 0.009 min
Response: 292708
Conc: 0.20 ng/ml



#15 Endosulfan II

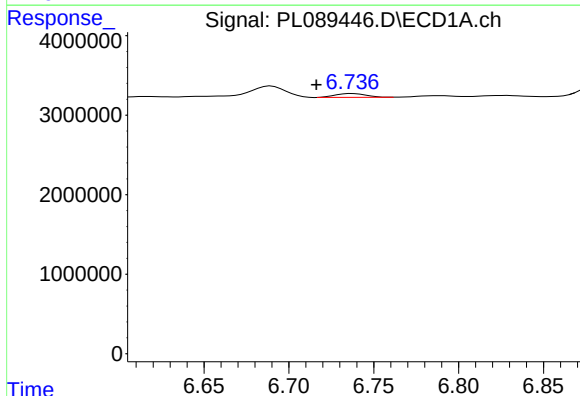
R.T.: 6.790 min
Delta R.T.: -0.011 min
Response: 245346
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



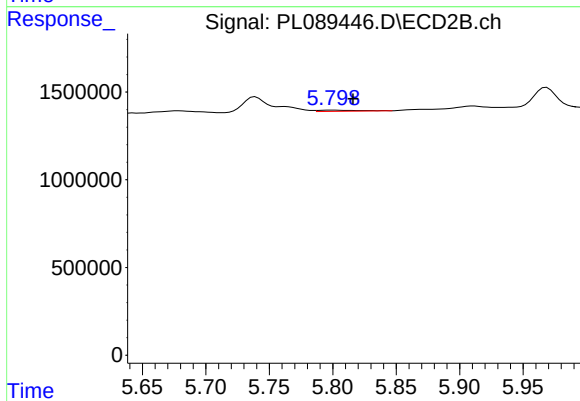
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.006 min
Response: 1715161
Conc: 1.19 ng/ml



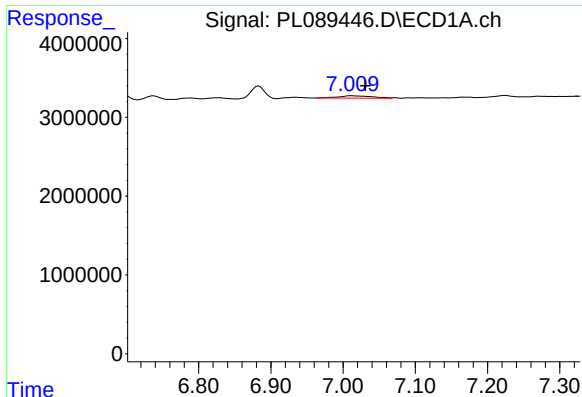
#16 4,4'-DDD

R.T.: 6.737 min
Delta R.T.: 0.021 min
Response: 598524
Conc: 0.35 ng/ml



#16 4,4'-DDD

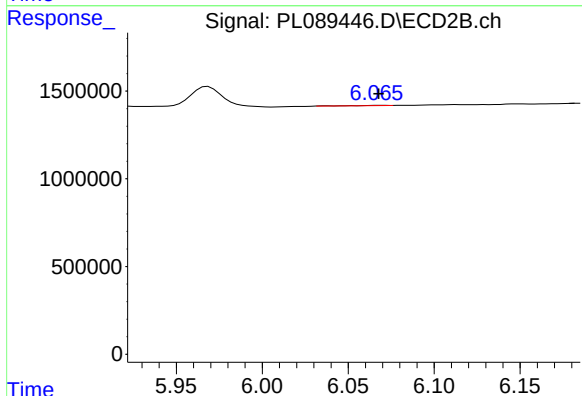
R.T.: 5.800 min
Delta R.T.: -0.016 min
Response: 145537
Conc: 0.12 ng/ml



#17 4,4'-DDT

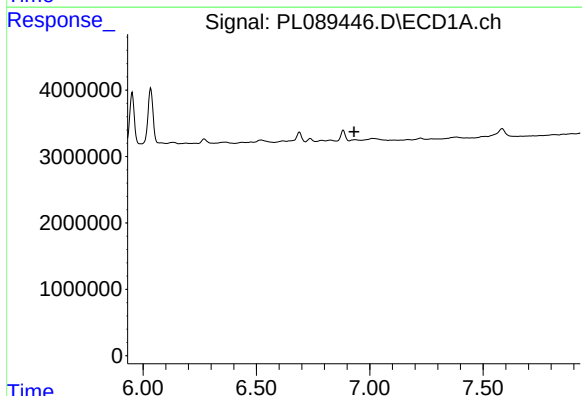
R.T.: 7.011 min
Delta R.T.: -0.019 min
Response: 979176
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



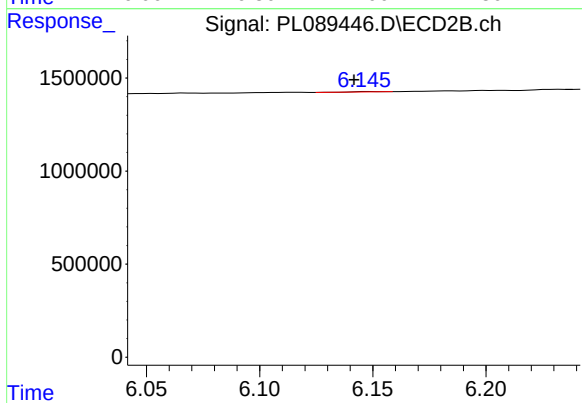
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 17499
Conc: 0.01 ng/ml



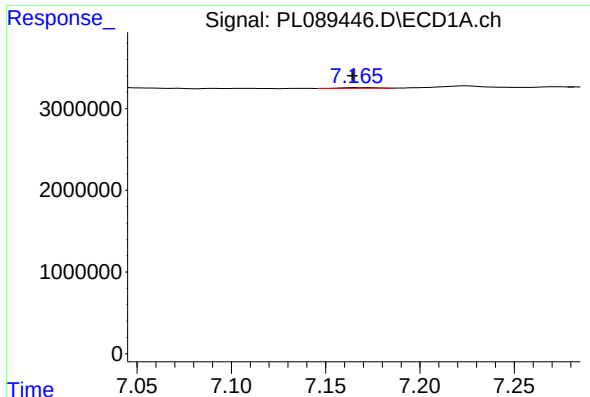
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.005 min
Response: -1051379
Conc: N.D.



#18 Endrin aldehyde

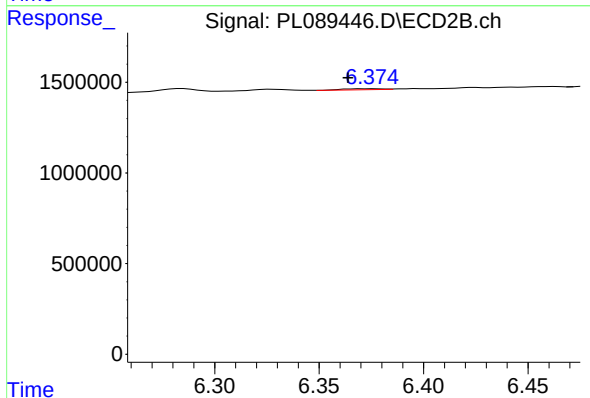
R.T.: 6.149 min
Delta R.T.: 0.007 min
Response: 12704
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

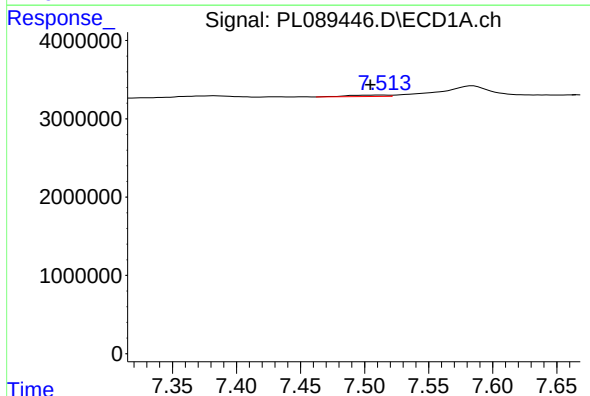
R.T.: 7.167 min
Delta R.T.: 0.003 min
Response: 105456
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



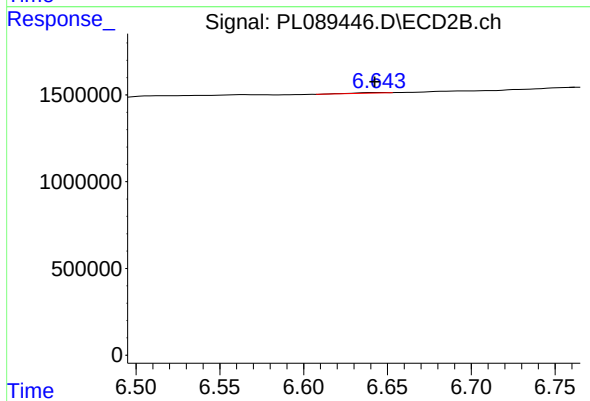
#19 Endosulfan Sulfate

R.T.: 6.372 min
Delta R.T.: 0.008 min
Response: 66380
Conc: 0.05 ng/ml



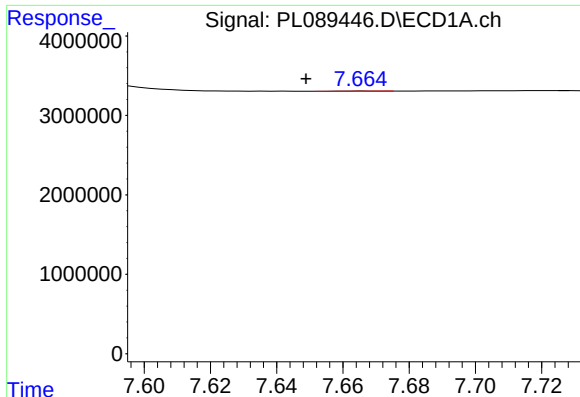
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.009 min
Response: 410480
Conc: 0.42 ng/ml



#20 Methoxychlor

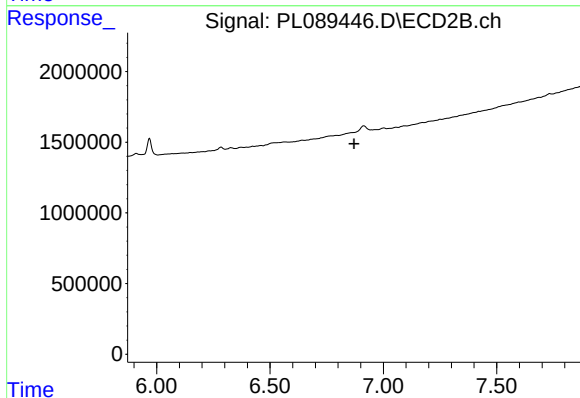
R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 36168
Conc: 0.05 ng/ml



#21 Endrin ketone

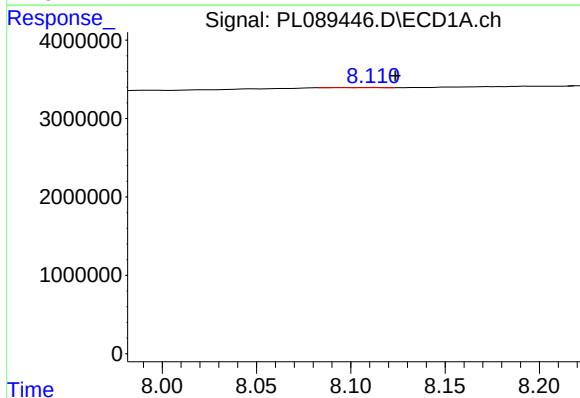
R.T.: 7.665 min
Delta R.T.: 0.016 min
Response: 25246
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



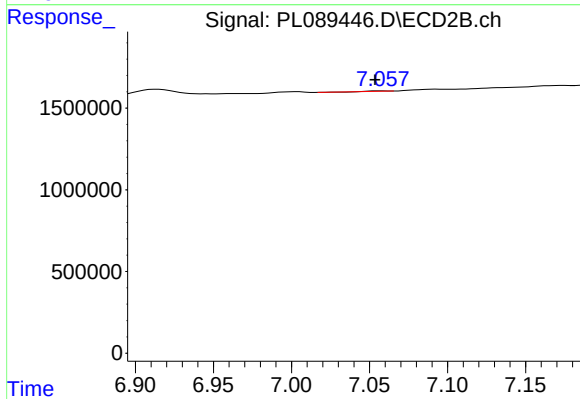
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.871 min
Response: 0
Conc: N.D.



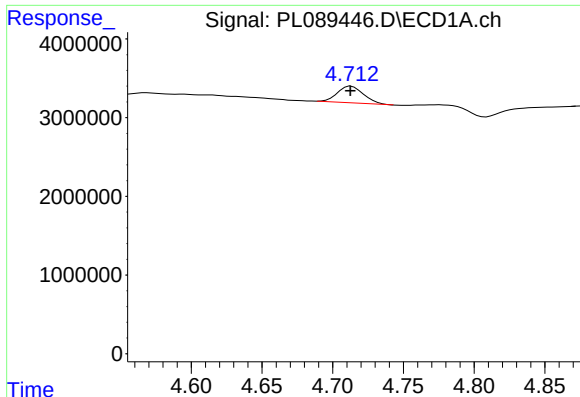
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.012 min
Response: 39171
Conc: 0.03 ng/ml



#22 Mirex

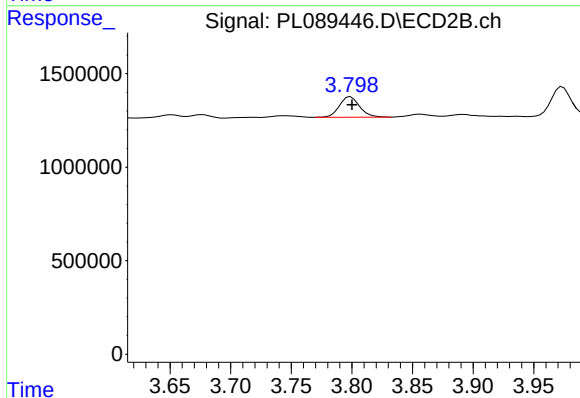
R.T.: 7.058 min
Delta R.T.: 0.004 min
Response: 11394
Conc: 0.01 ng/ml



#23 Chlordane-1

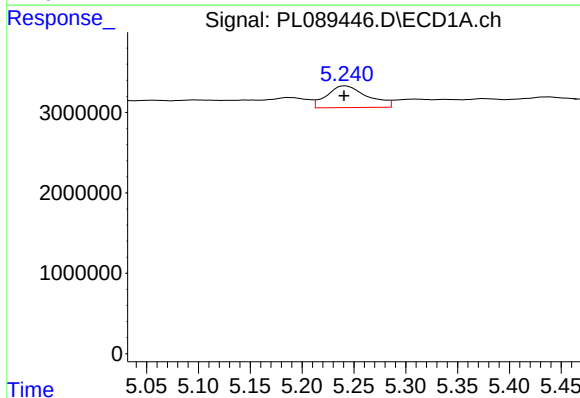
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 2630445
Conc: 28.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



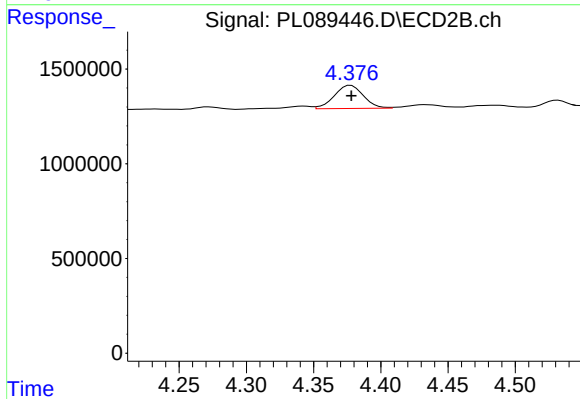
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 1267019
Conc: 25.75 ng/ml



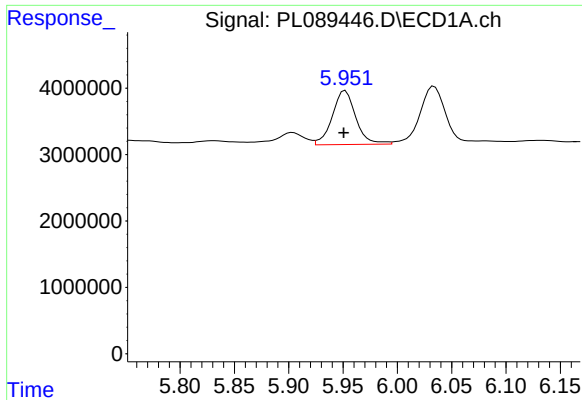
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.001 min
Response: 7379586
Conc: 70.22 ng/ml



#24 Chlordane-2

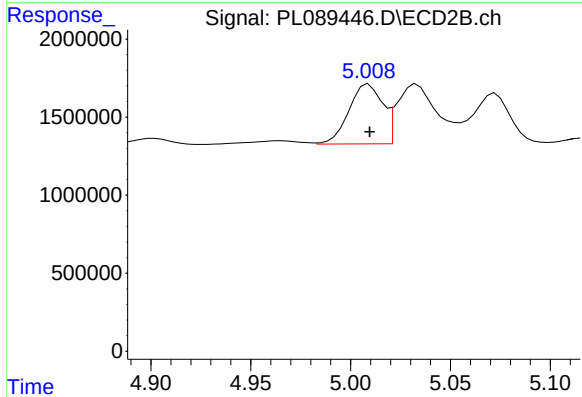
R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 1827444
Conc: 28.73 ng/ml



#25 Chlordane-3

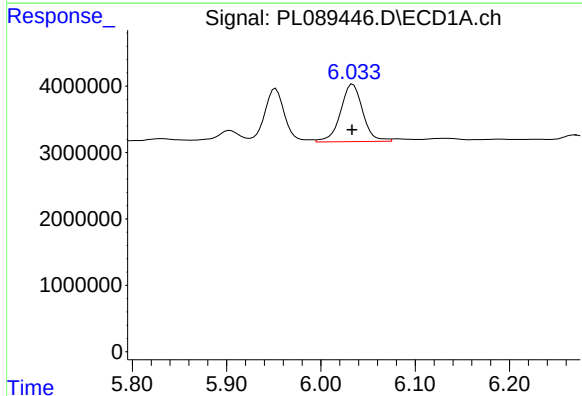
R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 12231058
Conc: 37.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



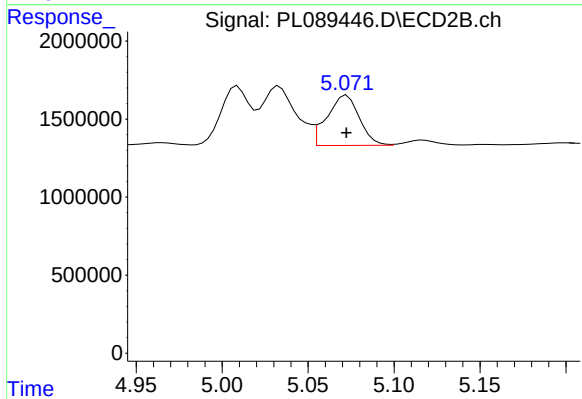
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4490875
Conc: 26.23 ng/ml



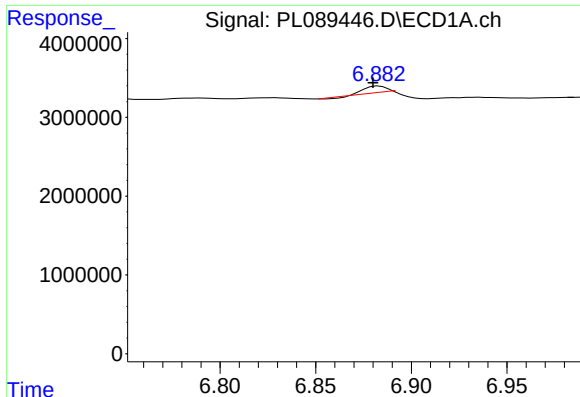
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 14219257
Conc: 34.88 ng/ml



#26 Chlordane-4

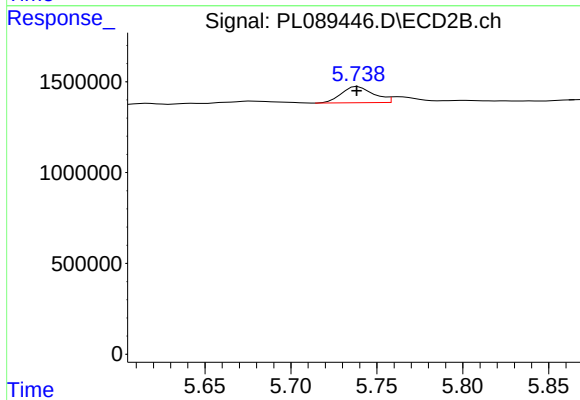
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 4209415
Conc: 26.17 ng/ml



#27 Chlordane-5

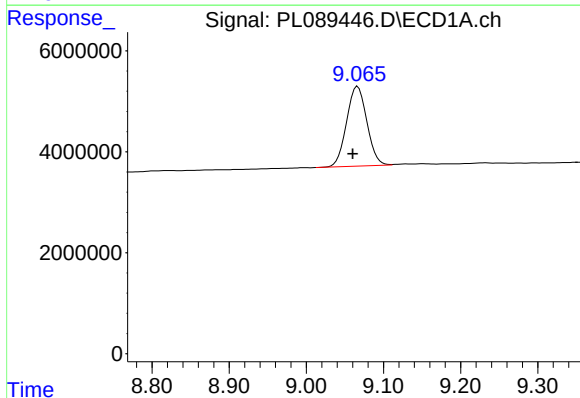
R.T.: 6.883 min
Delta R.T.: 0.003 min
Response: 618754
Conc: 7.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



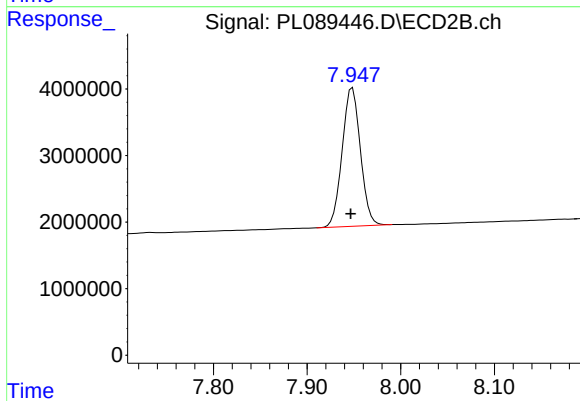
#27 Chlordane-5

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 1146534
Conc: 22.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 28817193
Conc: 20.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28182942
Conc: 20.95 ng/ml