

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
 Data File : PD086769.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2024 11:21
 Operator : AR\AJ
 Sample : P4368-03
 Misc : CHLOR MDL 25 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:11:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.558	2.885	32014464	218.7E6	21.917	22.113
2)	SA Decachlor...	9.092	8.091	47312086	251.5E6	24.679	23.482
Target Compounds							
2)	A alpha-BHC	4.040f	3.390	1228152	724741	0.429	0.048 #
3)	MA gamma-BHC...	4.371f	3.741	291240	489842	0.102	0.034 #
4)	MA Heptachlor	4.940	4.093	3498694	17127117	1.279	1.216
5)	MB Aldrin	5.317f	4.392	391648	4664556	0.143	0.320 #
6)	B beta-BHC	0.000	4.050f	0	1946883	N.D.	0.305 #
7)	B delta-BHC	4.787	4.271	1866177	2958574	0.631	0.199 #
8)	B Heptachlo...	5.683f	0.000	745507	0	0.303	N.D. #
9)	A Endosulfan I	0.000	5.243f	0	3421977	N.D.	0.275 #
10)	B gamma-Chl...	5.957	5.138	7630468	33833581	3.169	2.486
11)	B alpha-Chl...	6.043	5.202	9880250	29033621	4.082	2.170 #
12)	B 4,4'-DDE	0.000	5.389	0	663327	N.D.	0.051 #
13)	MA Dieldrin	6.365	5.549f	355498	216361	0.143	0.016 #
14)	MA Endrin	0.000	5.806	0	11694231	N.D.	0.953 #
15)	B Endosulfa...	6.803	6.103	102261	13035684	0.047	1.086 #
16)	A 4,4'-DDD	6.739f	5.937	887968	2735285	0.491	0.248 #
17)	MA 4,4'-DDT	0.000	6.195	0	317017	N.D.	0.027 #
18)	B Endrin al...	0.000	6.263	0	1293895	N.D.	0.138 #
19)	B Endosulfa...	0.000	6.501	0	1413866	N.D.	0.122 #
20)	A Methoxychlor	0.000	6.780	0	1211619	N.D.	0.192 #
21)	B Endrin ke...	0.000	7.013	0	281694	N.D.	0.022 #
22)	Mirex	8.133	7.221	103912	3065003	0.063	0.295 #
23)	Chlordane-1	4.725	3.914	2058422	11077647	22.879	23.821
24)	Chlordane-2	5.254	4.498	4288024	15209404	43.896	30.703 #
25)	Chlordane-3	5.957	5.138	7630468	33833581	20.170	22.724
26)	Chlordane-4	6.043	5.202	9880250	29033621	21.506	23.113
27)	Chlordane-5	6.883	5.874	302236	11149221	3.757	27.310 #

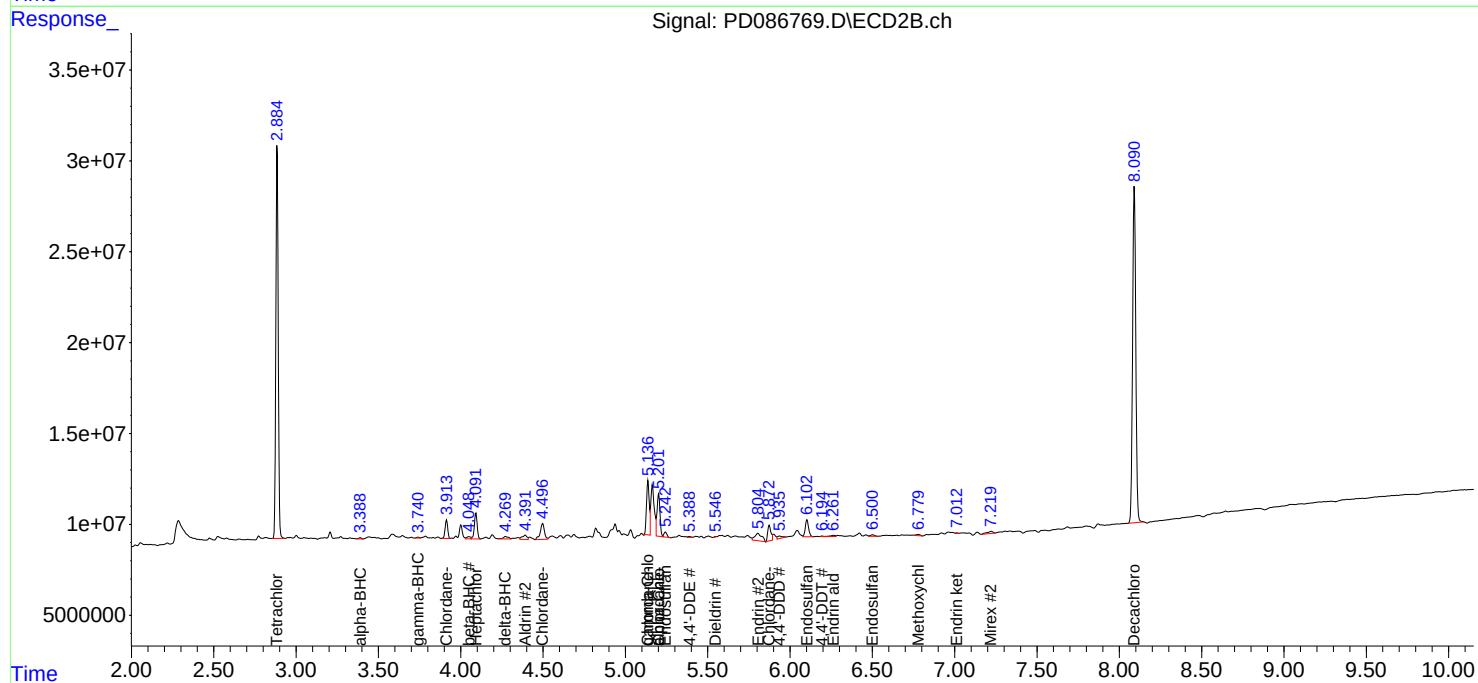
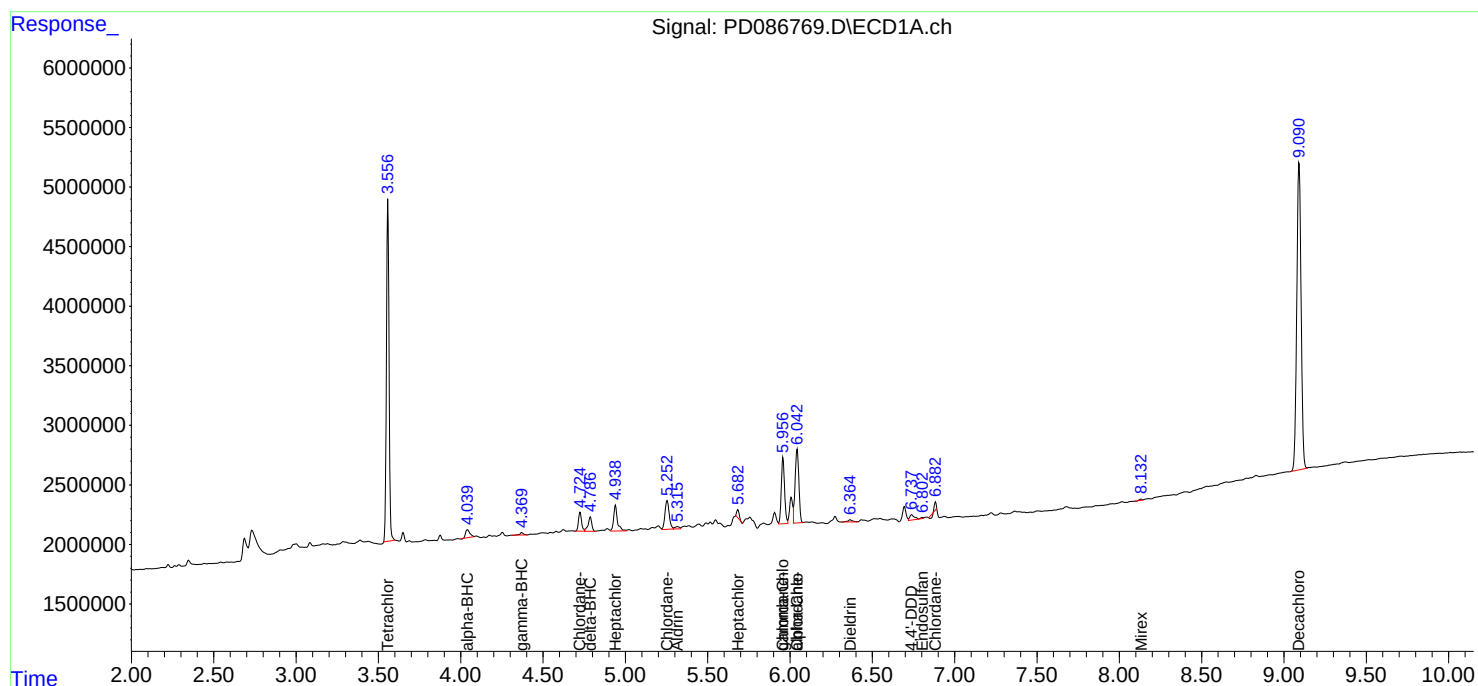
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

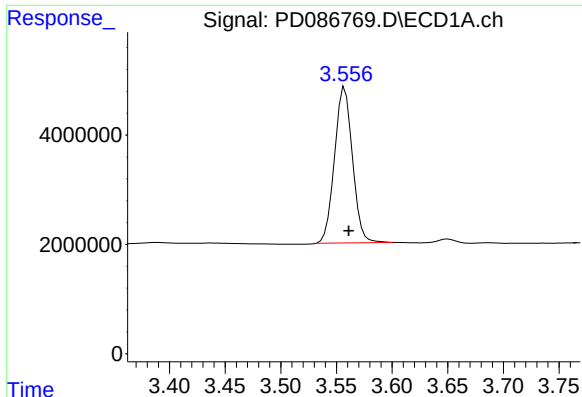
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
Data File : PD086769.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2024 11:21
Operator : AR\AJ
Sample : P4368-03
Misc : CHLOR MDL 25 PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 00:11:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

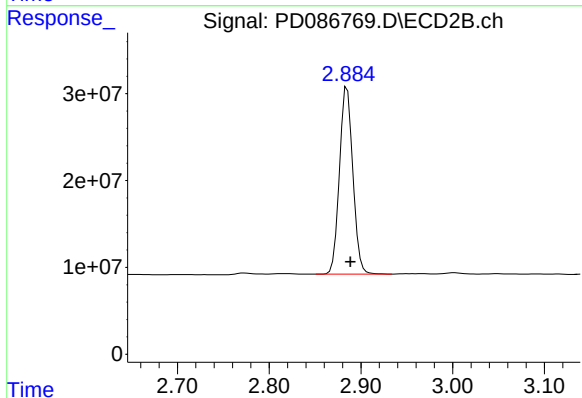




#1 Tetrachloro-m-xylene

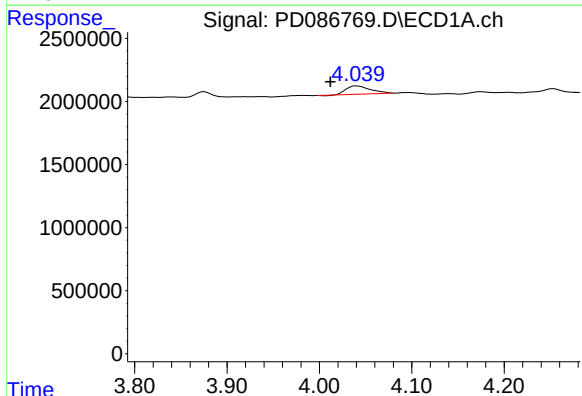
R.T.: 3.558 min
Delta R.T.: -0.003 min
Response: 32014464
Conc: 21.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



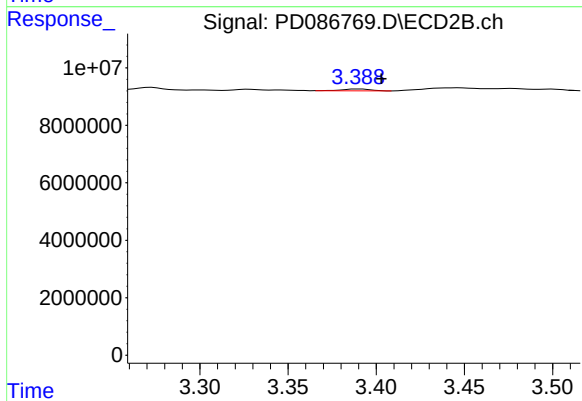
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: -0.003 min
Response: 218680294
Conc: 22.11 ng/ml



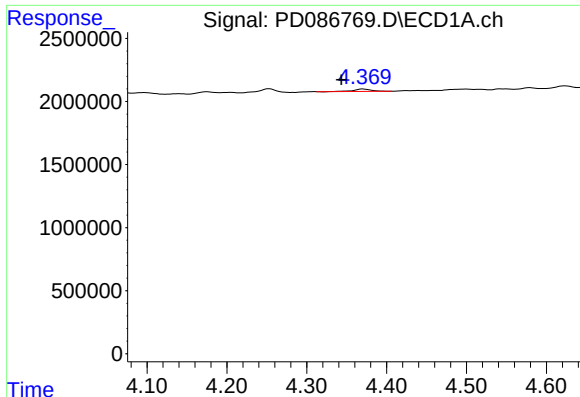
#2 alpha-BHC

R.T.: 4.040 min
Delta R.T.: 0.029 min
Response: 1228152
Conc: 0.43 ng/ml



#2 alpha-BHC

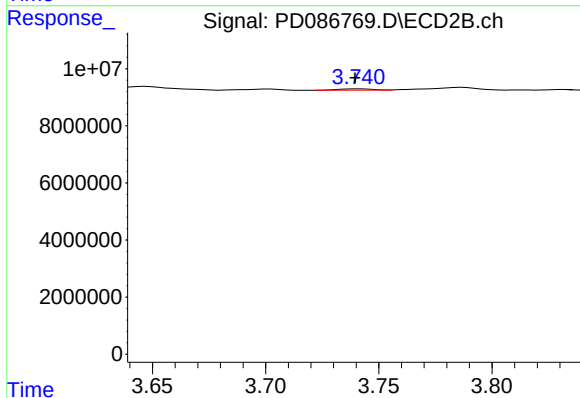
R.T.: 3.390 min
Delta R.T.: -0.013 min
Response: 724741
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

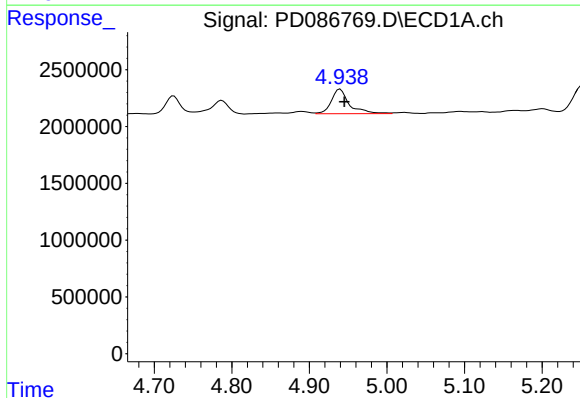
R.T.: 4.371 min
Delta R.T.: 0.027 min
Response: 291240
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



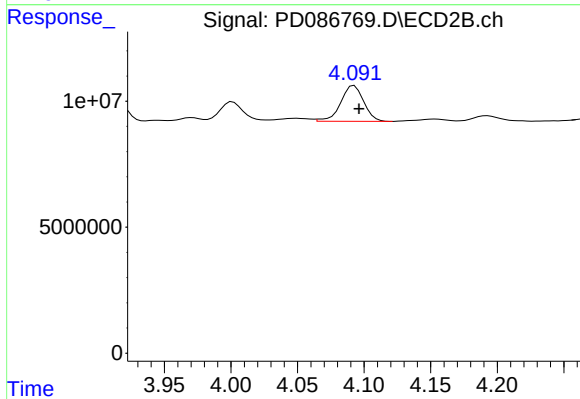
#3 gamma-BHC (Lindane)

R.T.: 3.741 min
Delta R.T.: 0.002 min
Response: 489842
Conc: 0.03 ng/ml



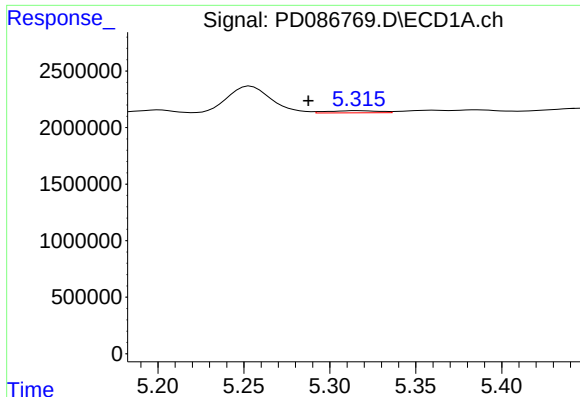
#4 Heptachlor

R.T.: 4.940 min
Delta R.T.: -0.005 min
Response: 3498694
Conc: 1.28 ng/ml



#4 Heptachlor

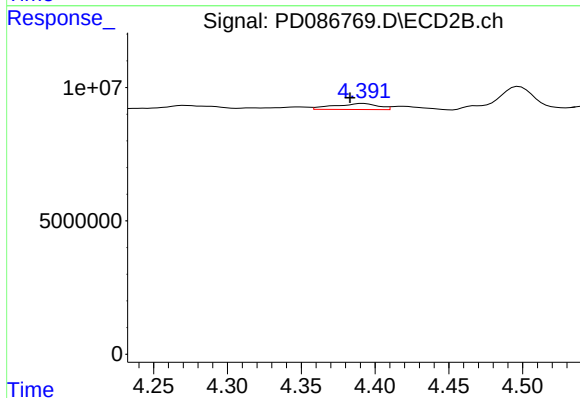
R.T.: 4.093 min
Delta R.T.: -0.004 min
Response: 17127117
Conc: 1.22 ng/ml



#5 Aldrin

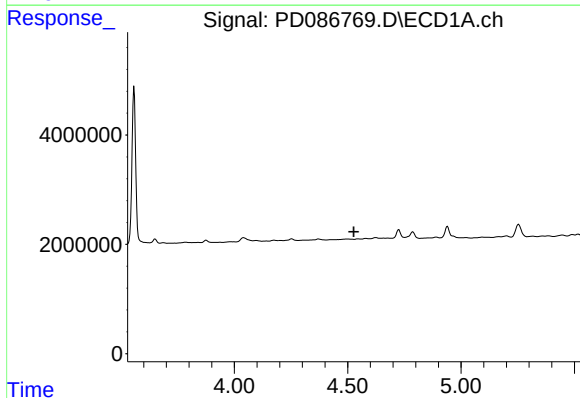
R.T.: 5.317 min
Delta R.T.: 0.029 min
Response: 391648
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



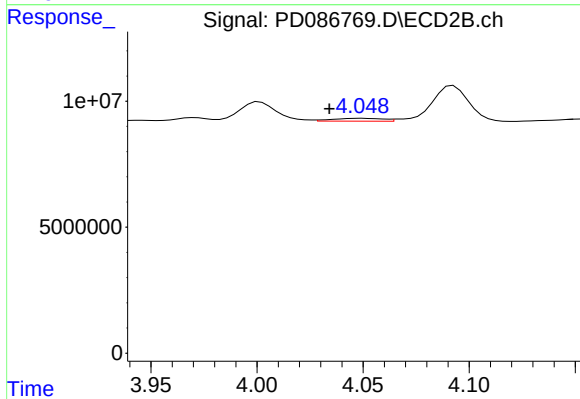
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.009 min
Response: 4664556
Conc: 0.32 ng/ml



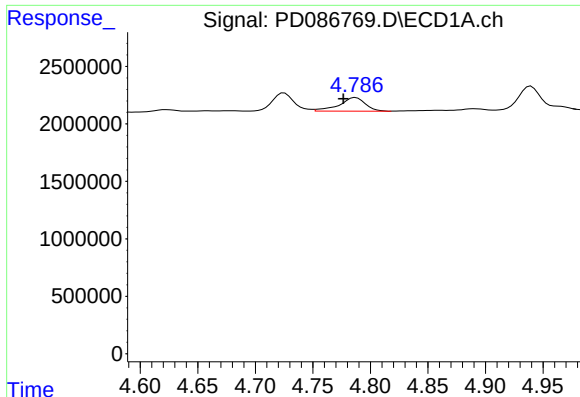
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.527 min
Response: 0
Conc: N.D.



#6 beta-BHC

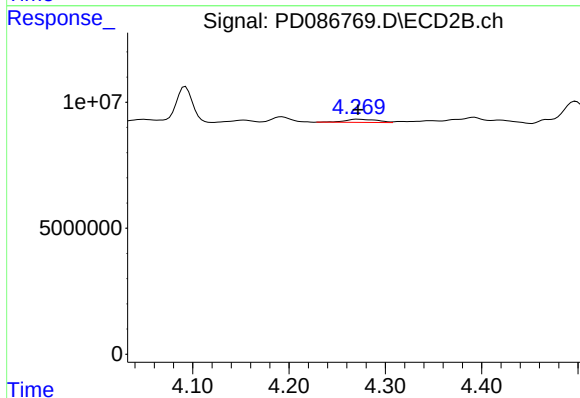
R.T.: 4.050 min
Delta R.T.: 0.016 min
Response: 1946883
Conc: 0.31 ng/ml



#7 delta-BHC

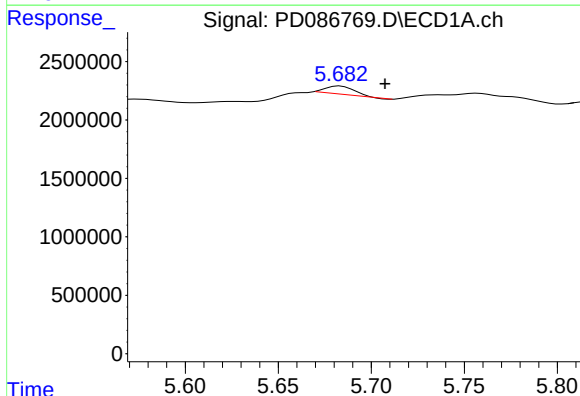
R.T.: 4.787 min
Delta R.T.: 0.011 min
Response: 1866177
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



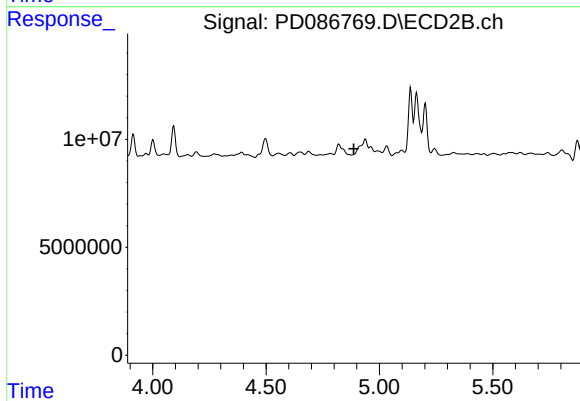
#7 delta-BHC

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2958574
Conc: 0.20 ng/ml



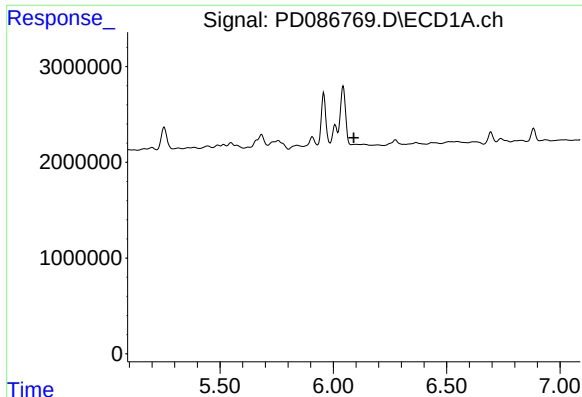
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.024 min
Response: 745507
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

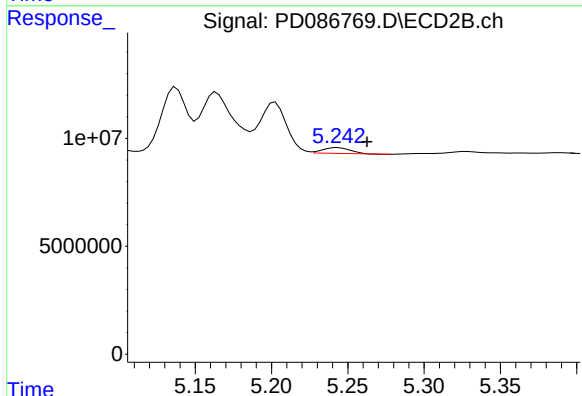
R.T.: 0.000 min
Exp R.T. : 4.888 min
Response: 0
Conc: N.D.



#9 Endosulfan I

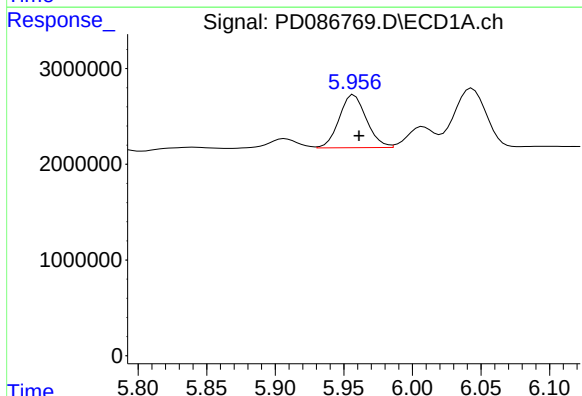
R.T.: 0.000 min
Exp R.T.: 6.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



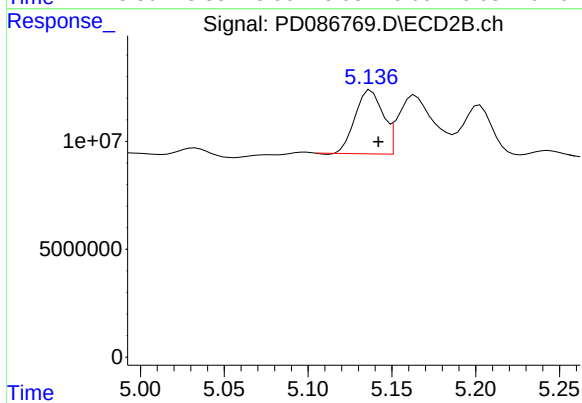
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: -0.019 min
Response: 3421977
Conc: 0.28 ng/ml



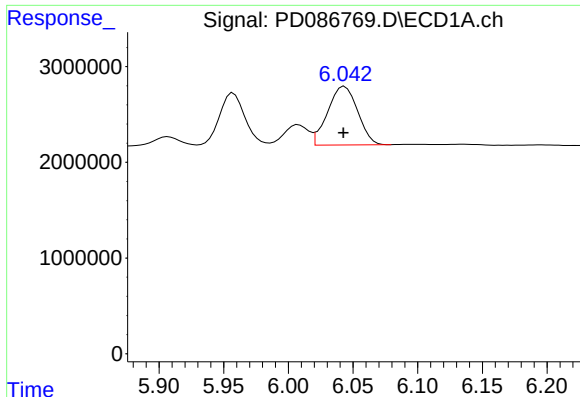
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 7630468
Conc: 3.17 ng/ml



#10 gamma-Chlordane

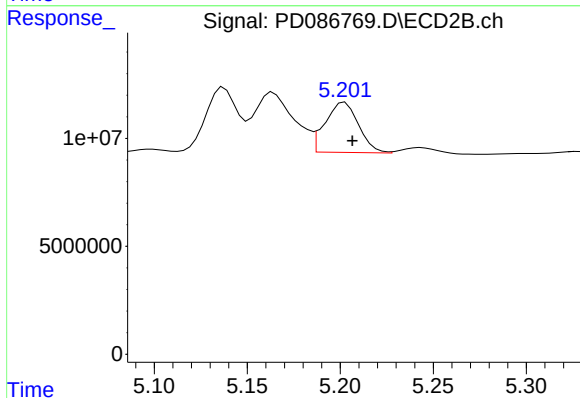
R.T.: 5.138 min
Delta R.T.: -0.004 min
Response: 33833581
Conc: 2.49 ng/ml



#11 alpha-Chlordane

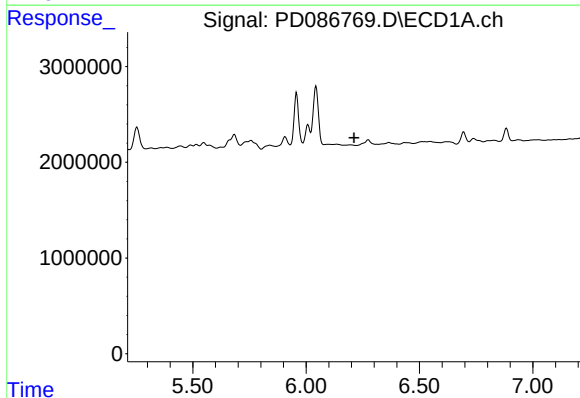
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 9880250
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



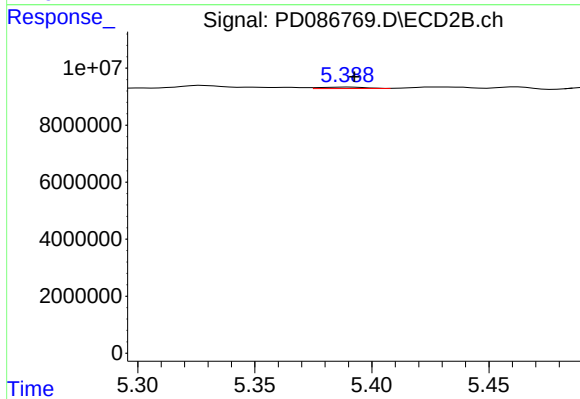
#11 alpha-Chlordane

R.T.: 5.202 min
Delta R.T.: -0.004 min
Response: 29033621
Conc: 2.17 ng/ml



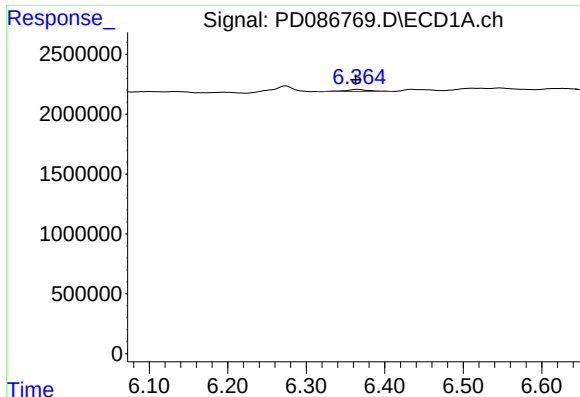
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.211 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

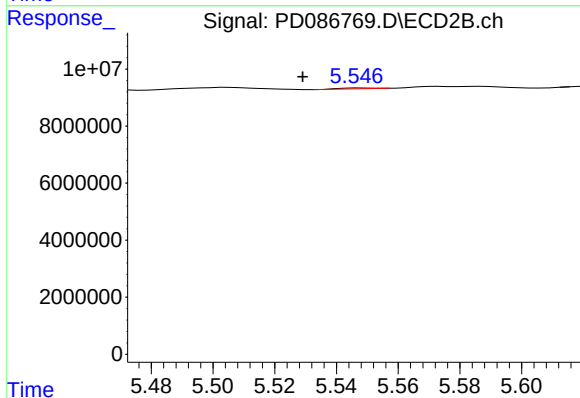
R.T.: 5.389 min
Delta R.T.: -0.003 min
Response: 663327
Conc: 0.05 ng/ml



#13 Dieldrin

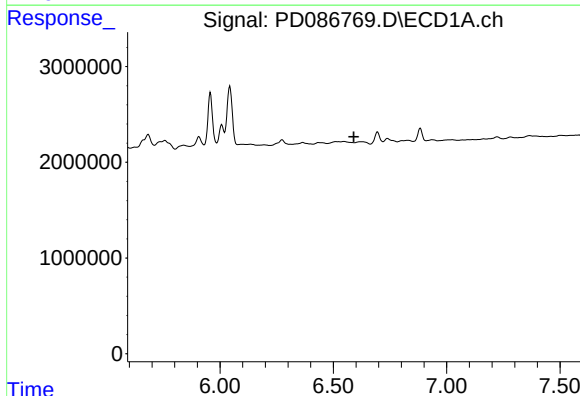
R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 355498
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



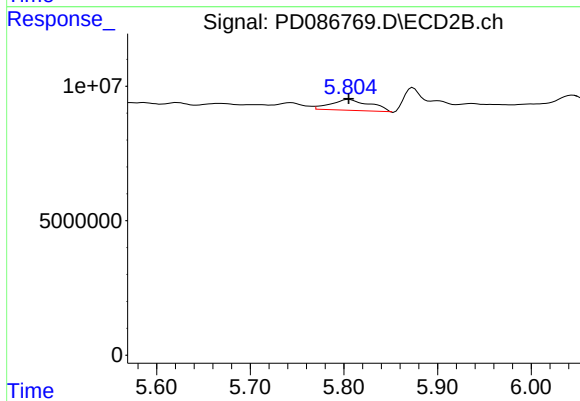
#13 Dieldrin

R.T.: 5.549 min
Delta R.T.: 0.019 min
Response: 216361
Conc: 0.02 ng/ml



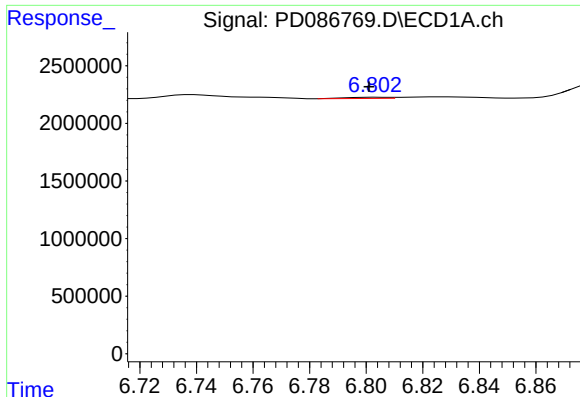
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.590 min
Response: 0
Conc: N.D.



#14 Endrin

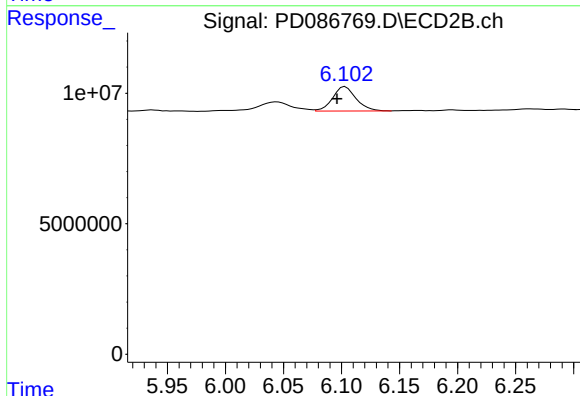
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 11694231
Conc: 0.95 ng/ml



#15 Endosulfan II

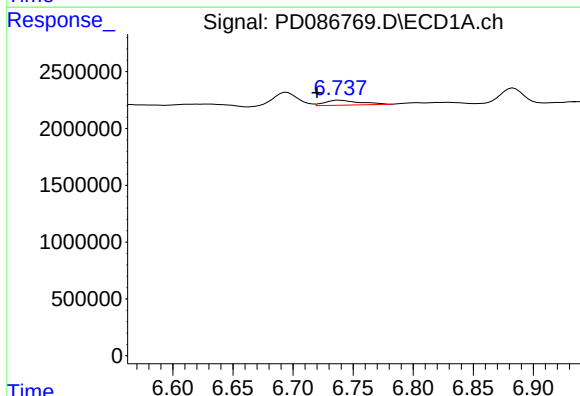
R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 102261
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



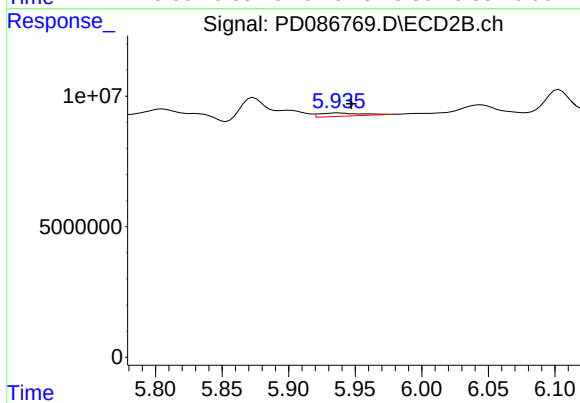
#15 Endosulfan II

R.T.: 6.103 min
Delta R.T.: 0.007 min
Response: 13035684
Conc: 1.09 ng/ml



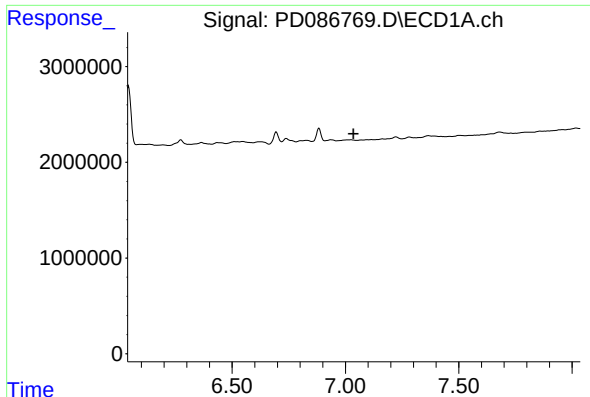
#16 4,4'-DDD

R.T.: 6.739 min
Delta R.T.: 0.019 min
Response: 887968
Conc: 0.49 ng/ml



#16 4,4'-DDD

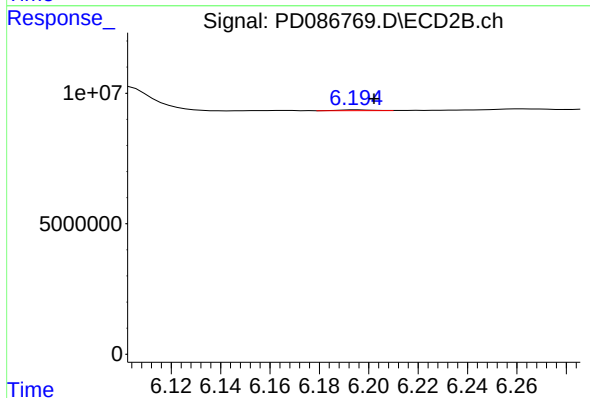
R.T.: 5.937 min
Delta R.T.: -0.010 min
Response: 2735285
Conc: 0.25 ng/ml



#17 4,4'-DDT

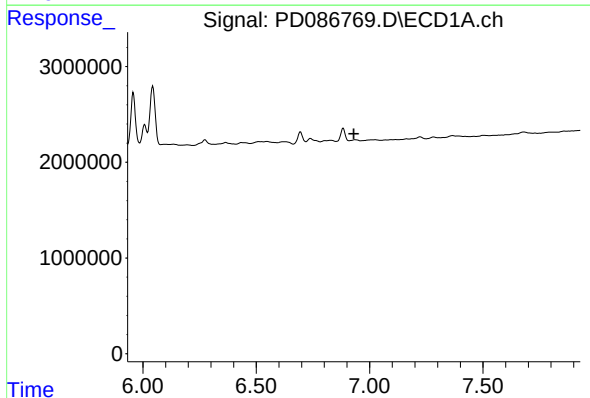
R.T.: 0.000 min
Exp R.T.: 7.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



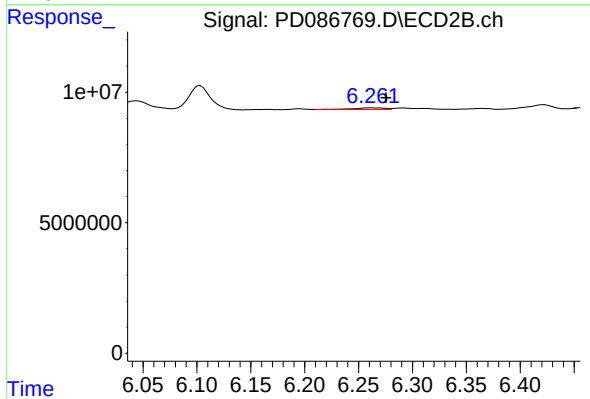
#17 4,4'-DDT

R.T.: 6.195 min
Delta R.T.: -0.007 min
Response: 317017
Conc: 0.03 ng/ml



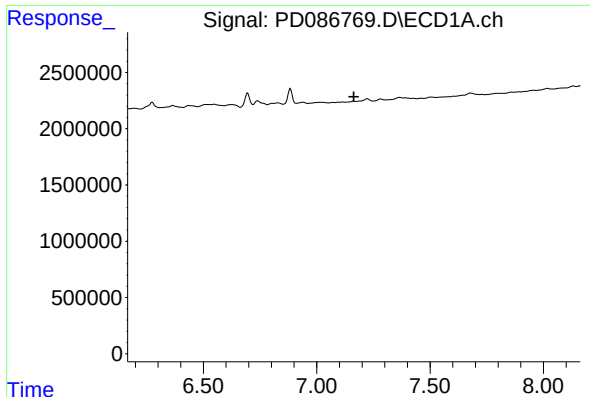
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

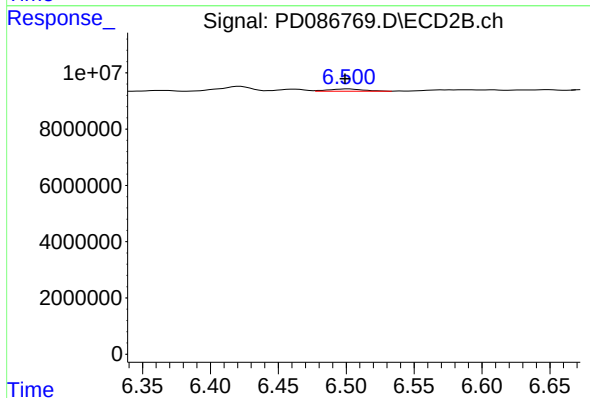
R.T.: 6.263 min
Delta R.T.: -0.013 min
Response: 1293895
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

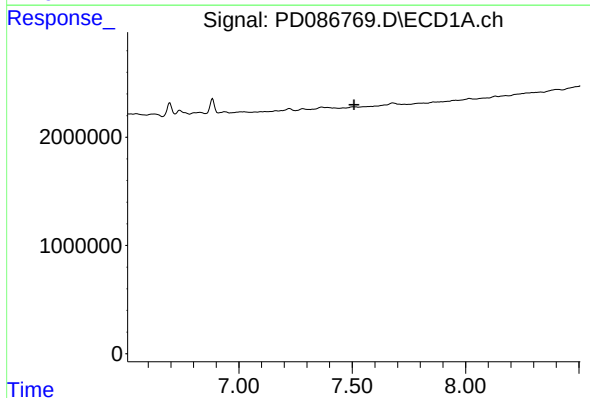
R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



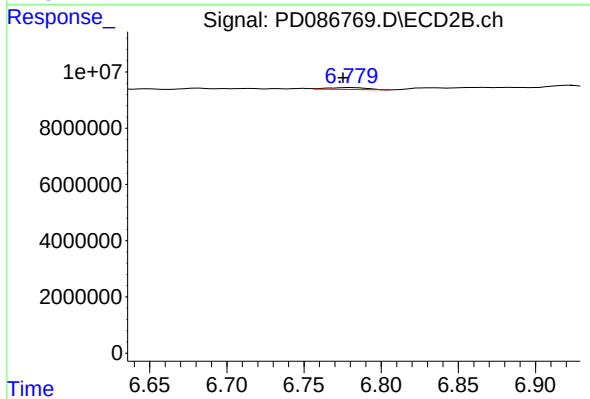
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 1413866
Conc: 0.12 ng/ml



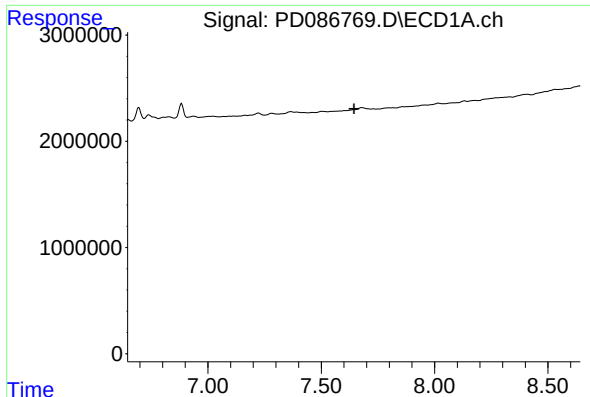
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.



#20 Methoxychlor

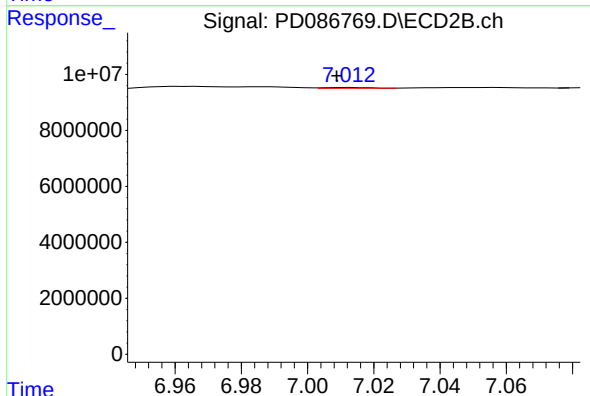
R.T.: 6.780 min
Delta R.T.: 0.005 min
Response: 1211619
Conc: 0.19 ng/ml



#21 Endrin ketone

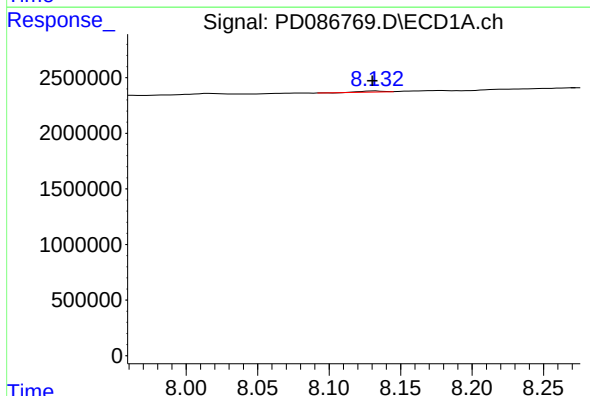
R.T.: 0.000 min
Exp R.T.: 7.645 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



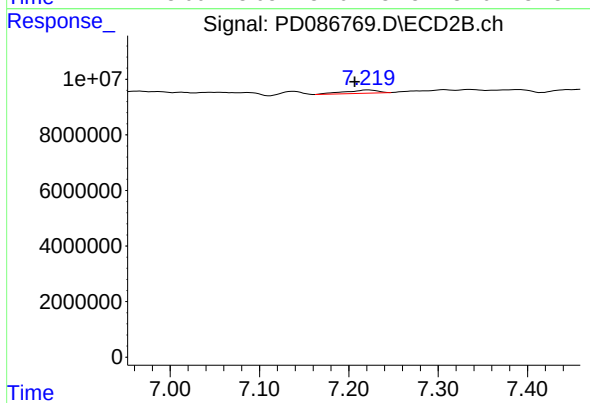
#21 Endrin ketone

R.T.: 7.013 min
Delta R.T.: 0.004 min
Response: 281694
Conc: 0.02 ng/ml



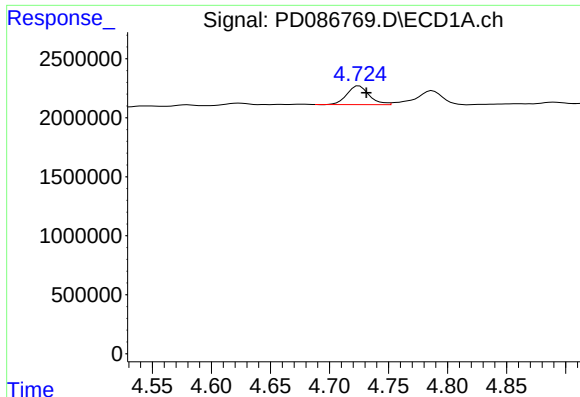
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.003 min
Response: 103912
Conc: 0.06 ng/ml



#22 Mirex

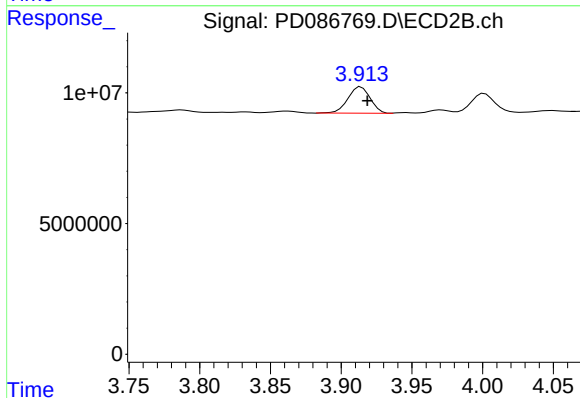
R.T.: 7.221 min
Delta R.T.: 0.015 min
Response: 3065003
Conc: 0.30 ng/ml



#23 Chlordane-1

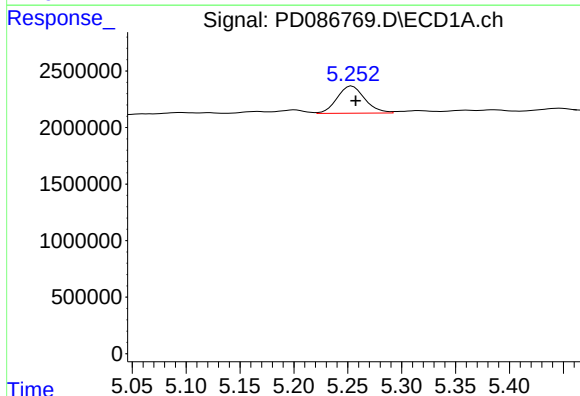
R.T.: 4.725 min
Delta R.T.: -0.006 min
Response: 2058422
Conc: 22.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



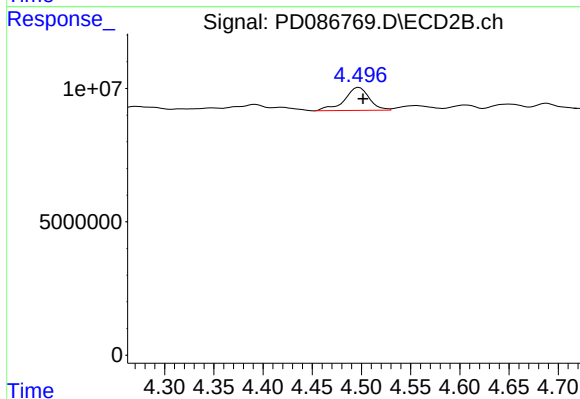
#23 Chlordane-1

R.T.: 3.914 min
Delta R.T.: -0.005 min
Response: 11077647
Conc: 23.82 ng/ml



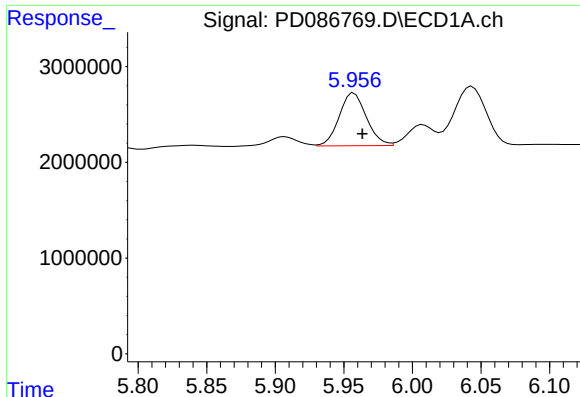
#24 Chlordane-2

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 4288024
Conc: 43.90 ng/ml



#24 Chlordane-2

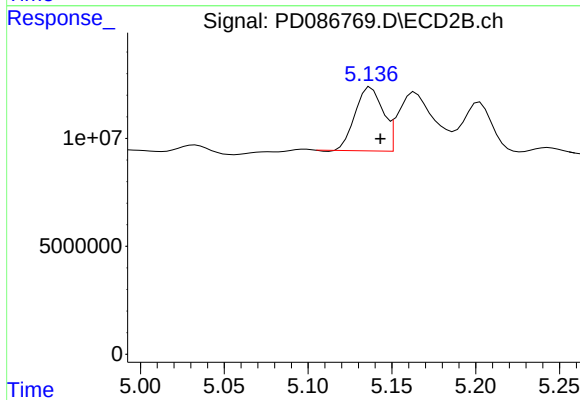
R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 15209404
Conc: 30.70 ng/ml



#25 Chlordane-3

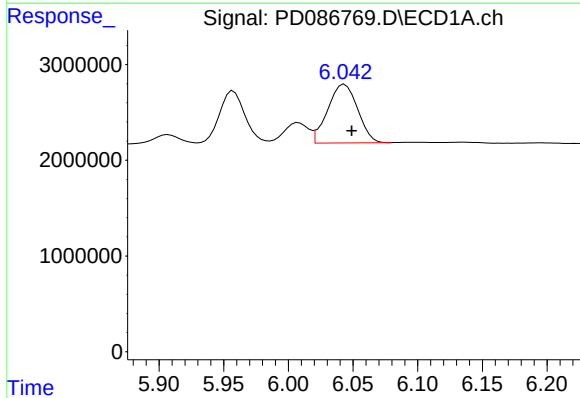
R.T.: 5.957 min
Delta R.T.: -0.006 min
Response: 7630468
Conc: 20.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



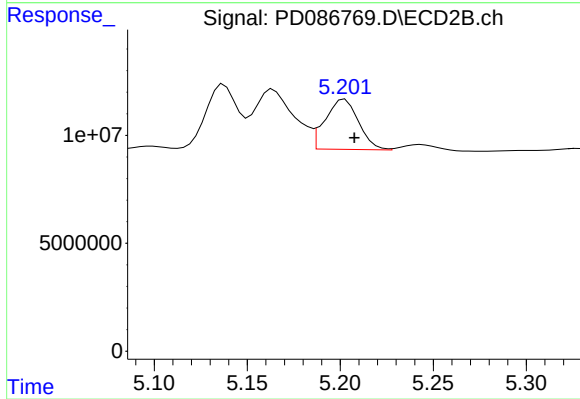
#25 Chlordane-3

R.T.: 5.138 min
Delta R.T.: -0.006 min
Response: 33833581
Conc: 22.72 ng/ml



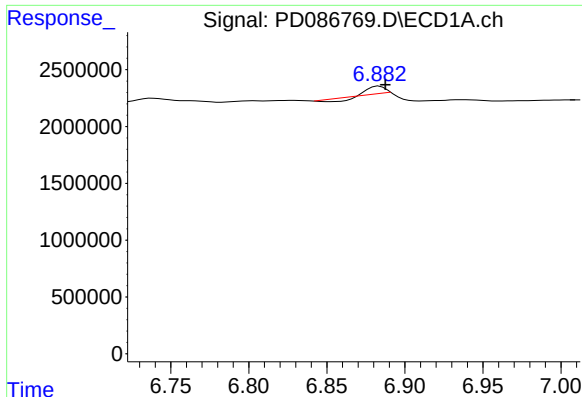
#26 Chlordane-4

R.T.: 6.043 min
Delta R.T.: -0.006 min
Response: 9880250
Conc: 21.51 ng/ml



#26 Chlordane-4

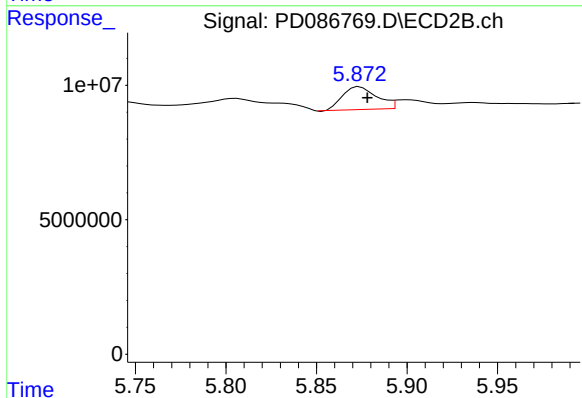
R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 29033621
Conc: 23.11 ng/ml



#27 Chlordane-5

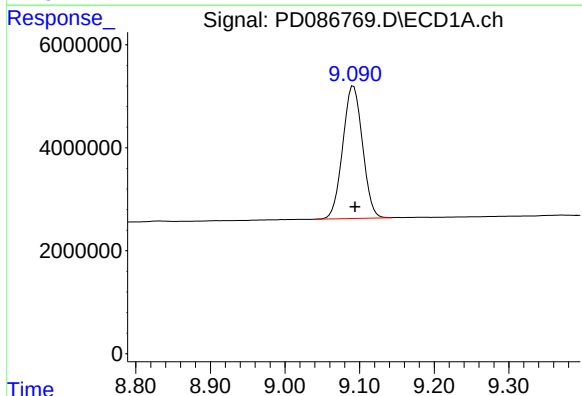
R.T.: 6.883 min
Delta R.T.: -0.004 min
Response: 302236
Conc: 3.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT4-2024



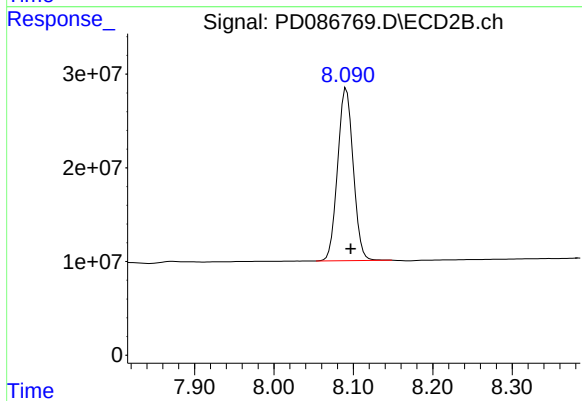
#27 Chlordane-5

R.T.: 5.874 min
Delta R.T.: -0.004 min
Response: 11149221
Conc: 27.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 47312086
Conc: 24.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: -0.005 min
Response: 251534880
Conc: 23.48 ng/ml