

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030824\
 Data File : PD082045.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2024 09:41
 Operator : AR\AJ
 Sample : P1601-04
 Misc : PEST MDL 1PPB SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 21:32:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 17:06:05 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

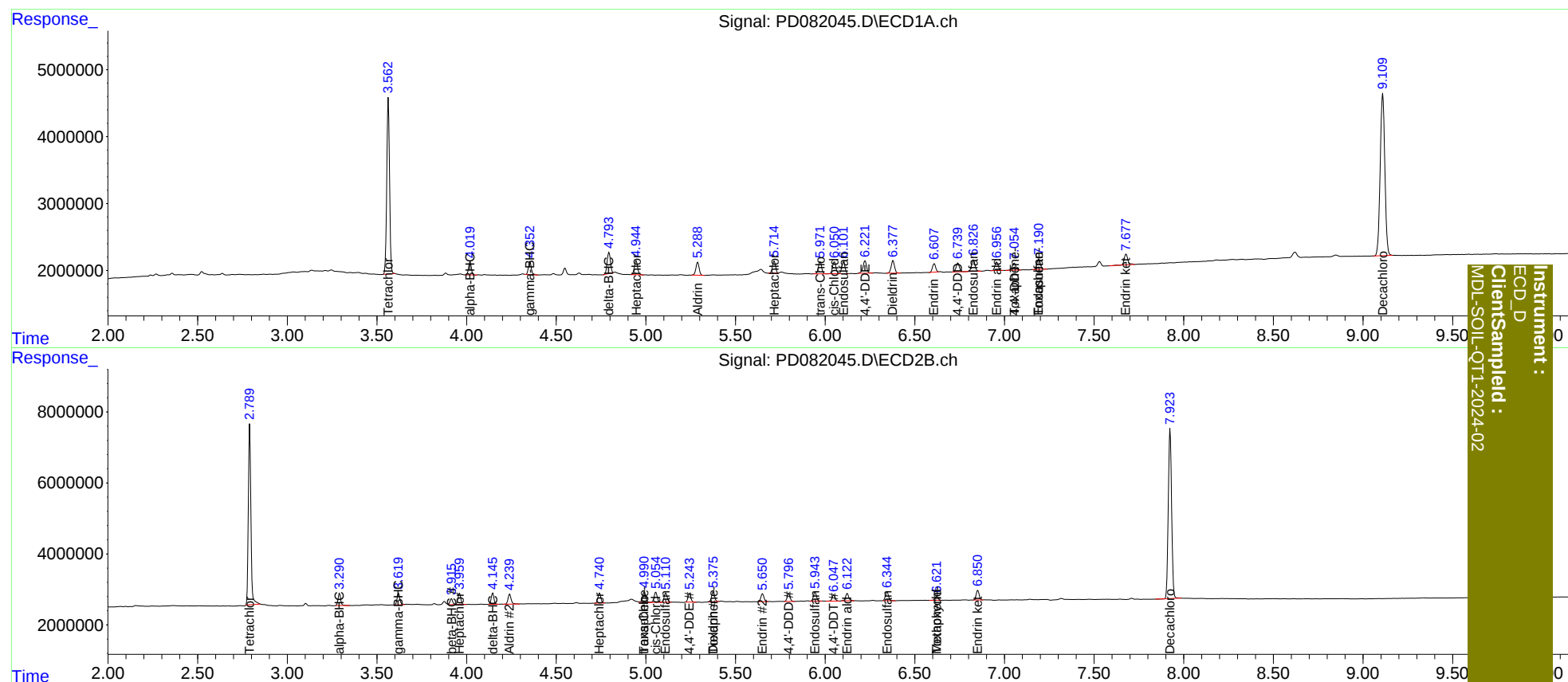
System Monitoring Compounds							
1)	SA Tetrachlo...	3.563	2.790	28510672	50187923	20.854	20.472
27)	SA Decachlor...	9.110	7.924	43730528	61627931	22.666	24.843
Target Compounds							
2)	A alpha-BHC	4.020	3.291	2094658	3476700	0.897	0.904
3)	MA gamma-BHC...	4.354	3.621	2180152	3593992	0.944	0.992
4)	MA Heptachlor	4.946	3.961	2635147	3522036	1.074	0.993
5)	MB Aldrin	5.289	4.240	2477826	3393226	1.048	1.002
6)	B beta-BHC	0.000	3.916	0	1784558	N.D.	1.056
7)	B delta-BHC	4.794	4.146	3984606	3305097	1.682	0.883 #
8)	B Heptachlo...	5.716	4.742	2170325	3248034	0.958	1.012
9)	A Endosulfan I	6.103	5.111	2264199	3140772	1.075	1.049
10)	B trans-Chl...	5.972	4.992	2353455	3746978	1.075	1.201
11)	B cis-Chlor...	6.052	5.056	2346503	3442670	1.042	1.075
12)	B 4,4'-DDE	6.223	5.244	2571274	2765715	1.198	0.935
13)	MA Dieldrin	6.379	5.376	2470997	3260393	1.113	0.993
14)	MA Endrin	6.609	5.651	1577920	2625871	0.841	0.914
15)	B Endosulfa...	6.827	5.944	2434225	3138260	1.261	1.112
16)	A 4,4'-DDD	6.741	5.797	1695029	2497923	1.020	0.991
17)	MA 4,4'-DDT	7.056	6.048	1477025	2054285	0.850	0.796
18)	B Endrin al...	6.957	6.123	1646142	2556668	1.102	1.180
19)	B Endosulfa...	7.192	6.346	2094841	3002590	1.144	1.119
20)	A Methoxychlor	0.000	6.623	0	1305688	N.D.	0.977
21)	B Endrin ke...	7.679	6.851	2279027	3214857	1.179	1.072
22)	Toxaphene-1	0.000	4.992	0	3746978	N.D.	228.862
23)	Toxaphene-2	0.000	5.376	0	3260393	N.D.	191.301
24)	Toxaphene-3	7.056f	6.623	1477025	1305688	27.929	22.307
25)	Toxaphene-4	7.192	0.000	2094841	0	52.957	N.D. #

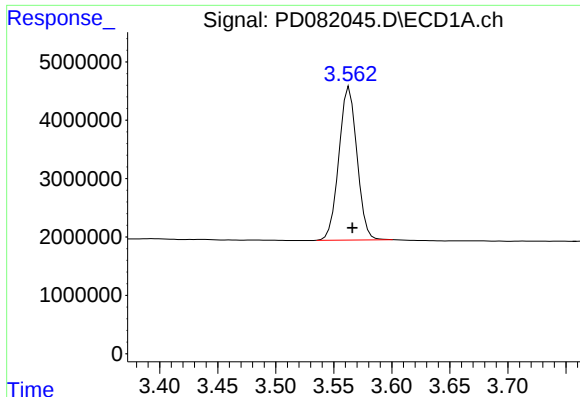
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030824\
Data File : PD082045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Mar 2024 09:41
Operator : AR\AJ
Sample : P1601-04
Misc : PEST MDL 1PPB SOIL
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 21:32:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021224CLP.M
Quant Title : GC Extractables
QLast Update : Mon Feb 12 17:06:05 2024
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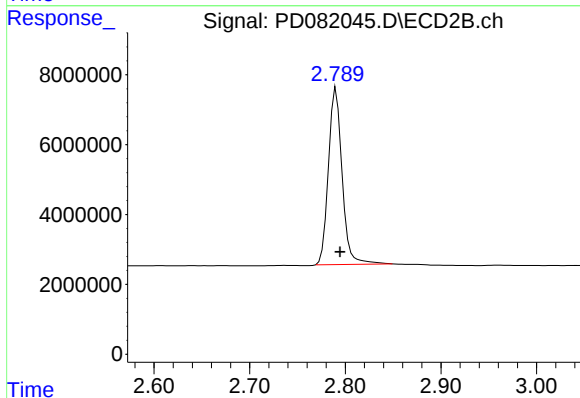




#1 Tetrachloro-m-xylene

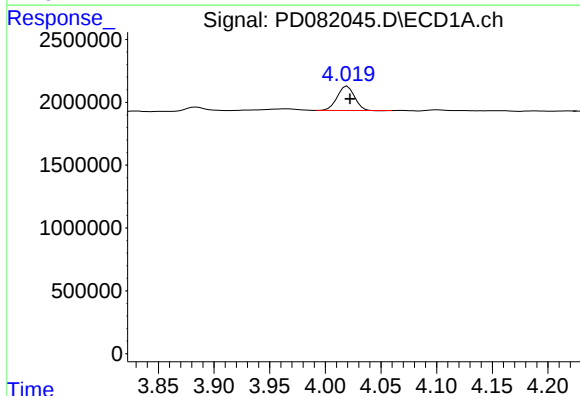
R.T.: 3.563 min
Delta R.T.: -0.003 min
Response: 28510672
Conc: 20.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



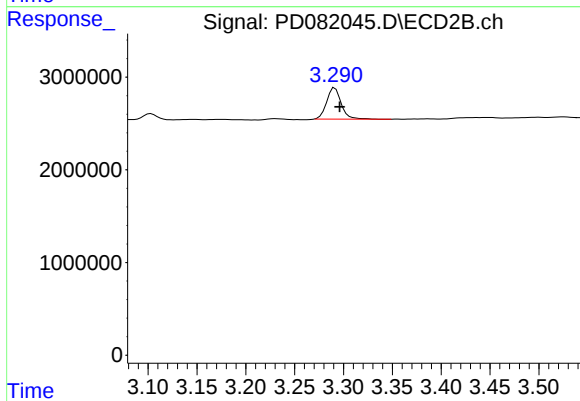
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: -0.004 min
Response: 50187923
Conc: 20.47 ng/ml



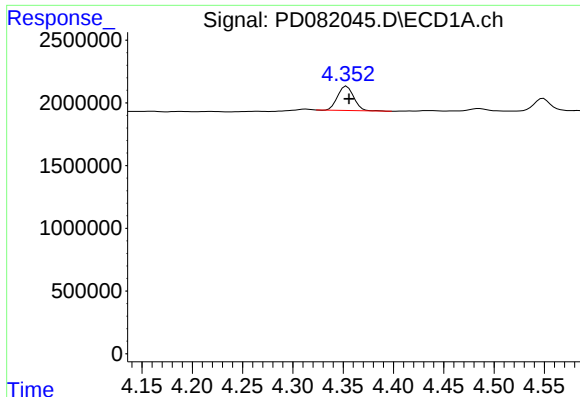
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: -0.003 min
Response: 2094658
Conc: 0.90 ng/ml



#2 alpha-BHC

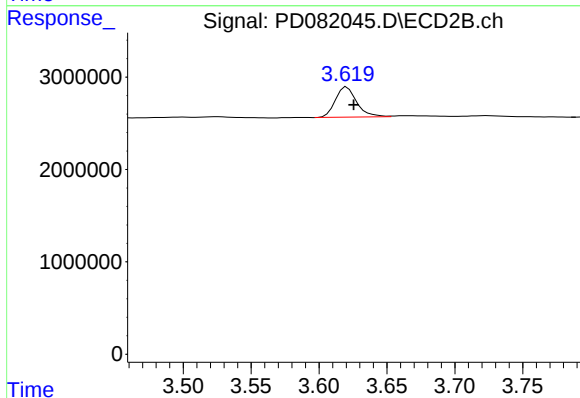
R.T.: 3.291 min
Delta R.T.: -0.005 min
Response: 3476700
Conc: 0.90 ng/ml



#3 gamma-BHC (Lindane)

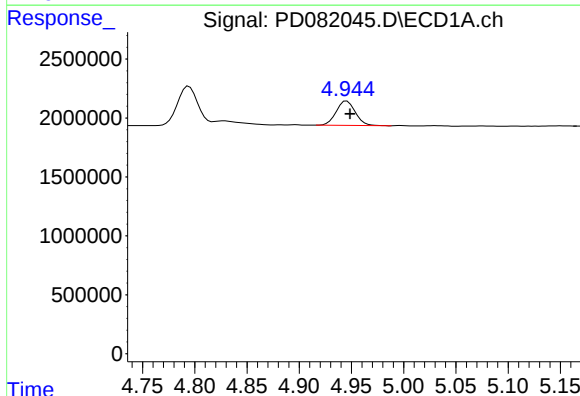
R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 2180152
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



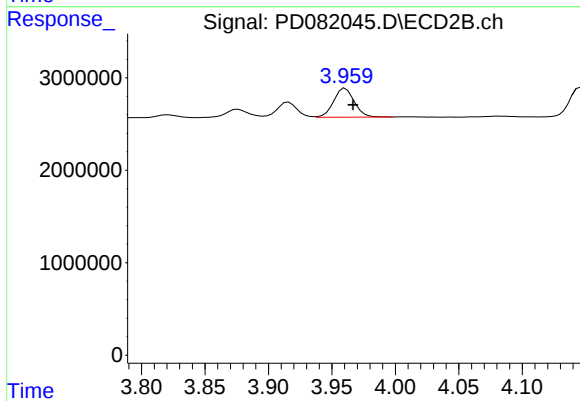
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.005 min
Response: 3593992
Conc: 0.99 ng/ml



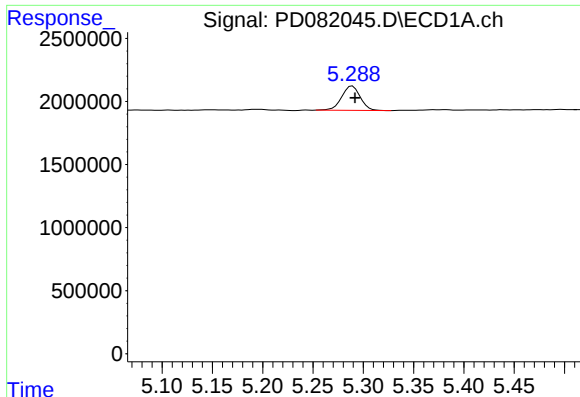
#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: -0.003 min
Response: 2635147
Conc: 1.07 ng/ml



#4 Heptachlor

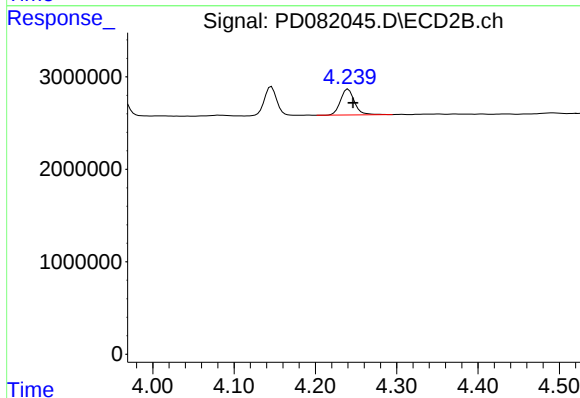
R.T.: 3.961 min
Delta R.T.: -0.006 min
Response: 3522036
Conc: 0.99 ng/ml



#5 Aldrin

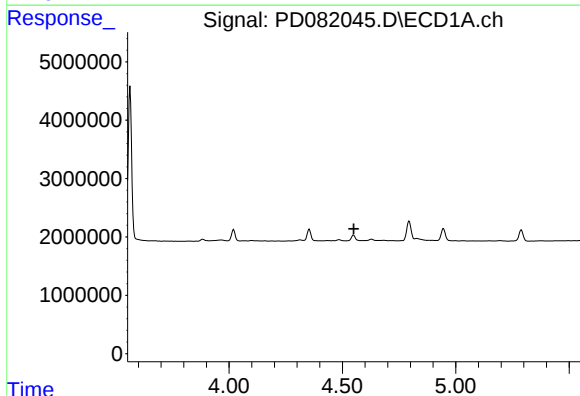
R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 2477826
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



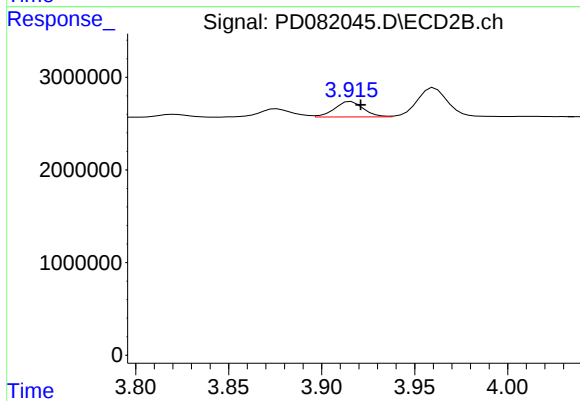
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.006 min
Response: 3393226
Conc: 1.00 ng/ml



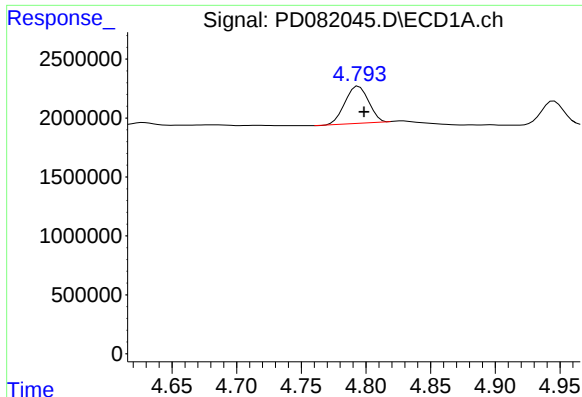
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#6 beta-BHC

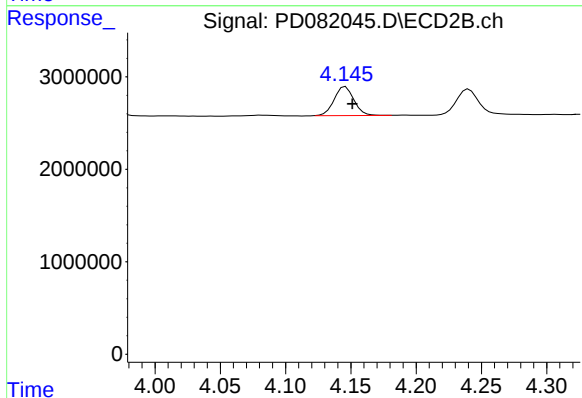
R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 1784558
Conc: 1.06 ng/ml



#7 delta-BHC

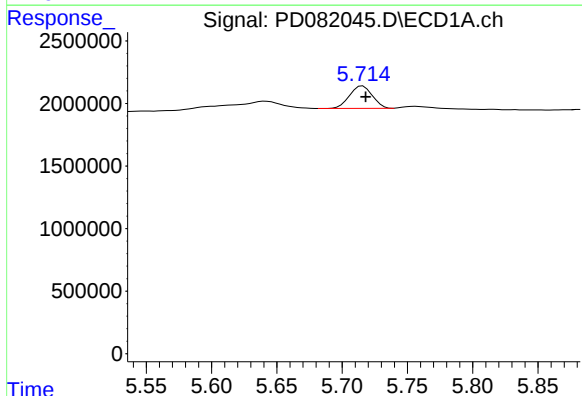
R.T.: 4.794 min
Delta R.T.: -0.004 min
Response: 3984606
Conc: 1.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



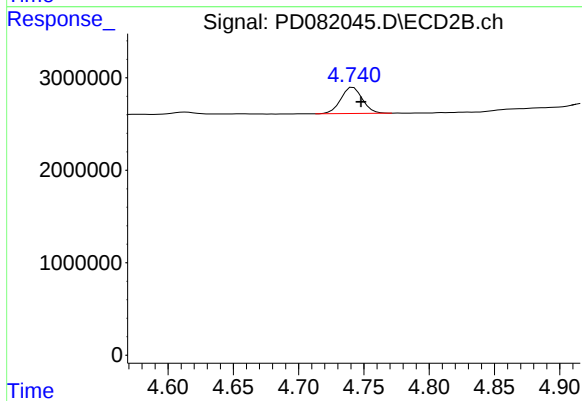
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.005 min
Response: 3305097
Conc: 0.88 ng/ml



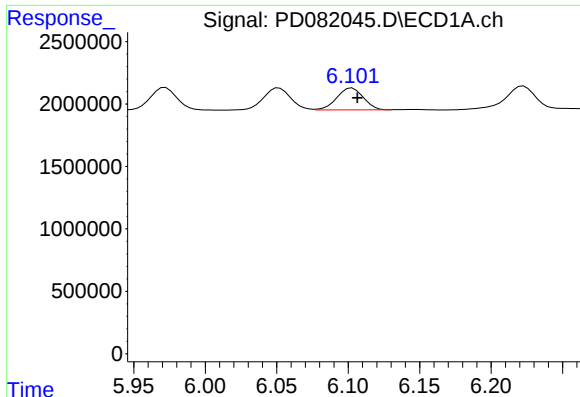
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 2170325
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

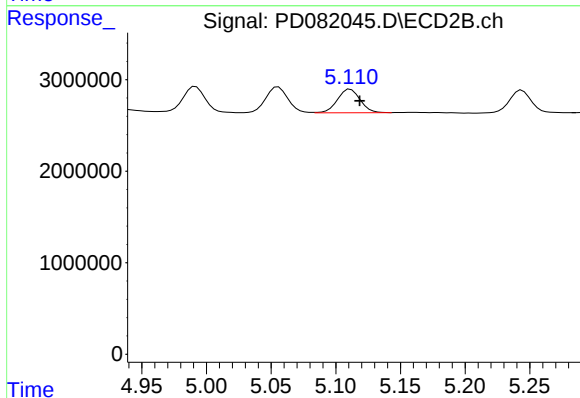
R.T.: 4.742 min
Delta R.T.: -0.006 min
Response: 3248034
Conc: 1.01 ng/ml



#9 Endosulfan I

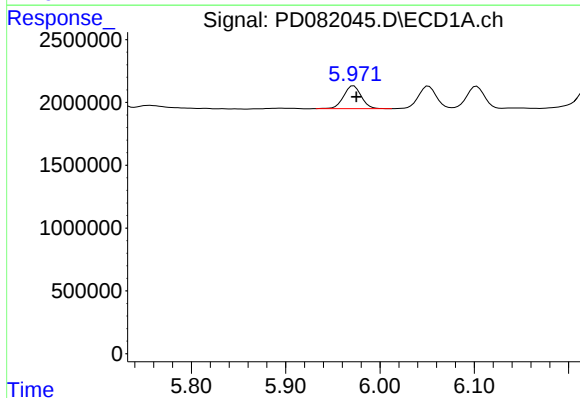
R.T.: 6.103 min
Delta R.T.: -0.004 min
Response: 2264199
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



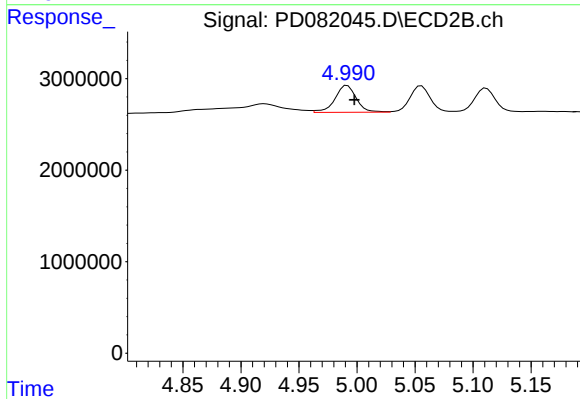
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: -0.007 min
Response: 3140772
Conc: 1.05 ng/ml



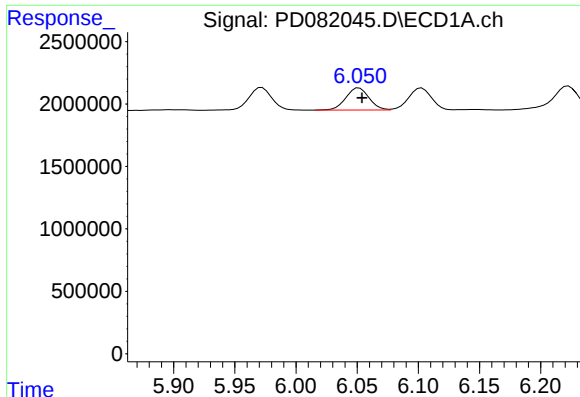
#10 trans-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 2353455
Conc: 1.07 ng/ml



#10 trans-Chlordane

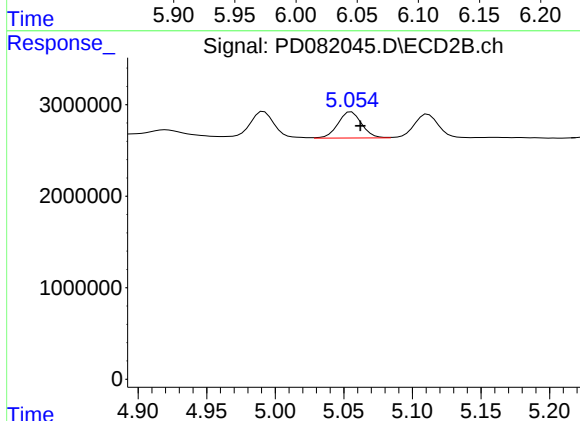
R.T.: 4.992 min
Delta R.T.: -0.006 min
Response: 3746978
Conc: 1.20 ng/ml



#11 cis-Chlordane

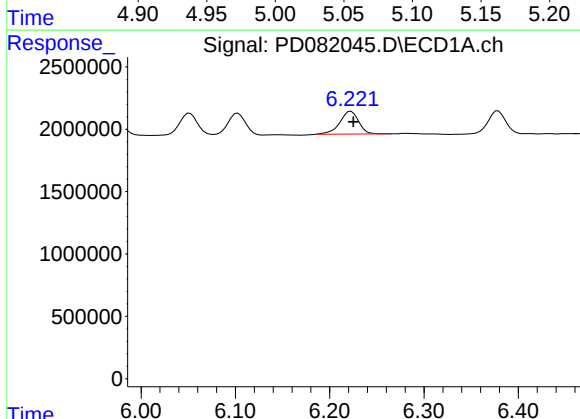
R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 2346503
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



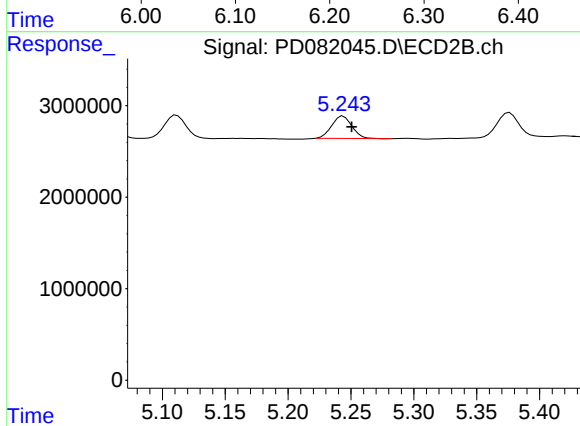
#11 cis-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.007 min
Response: 3442670
Conc: 1.07 ng/ml



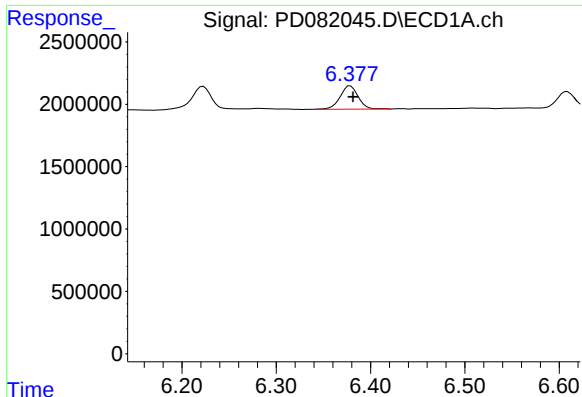
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 2571274
Conc: 1.20 ng/ml



#12 4,4'-DDE

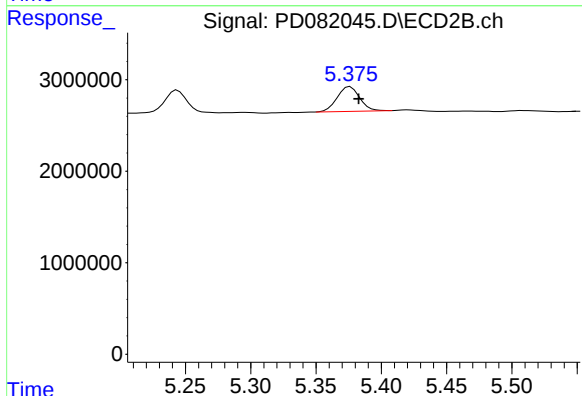
R.T.: 5.244 min
Delta R.T.: -0.007 min
Response: 2765715
Conc: 0.94 ng/ml



#13 Dieldrin

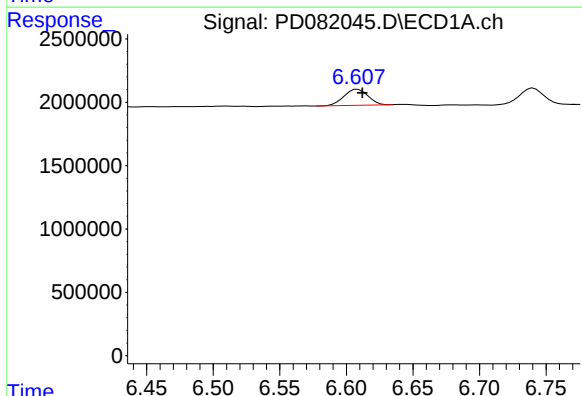
R.T.: 6.379 min
Delta R.T.: -0.003 min
Response: 2470997
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



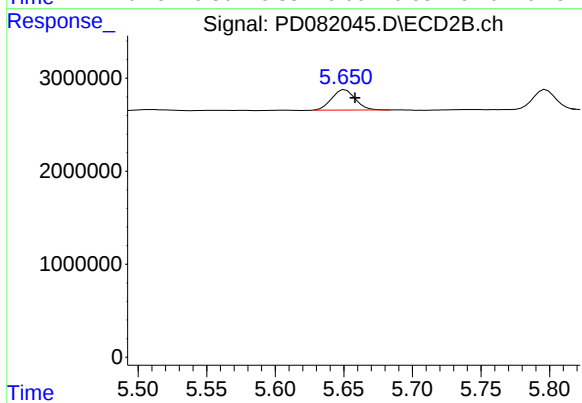
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.007 min
Response: 3260393
Conc: 0.99 ng/ml



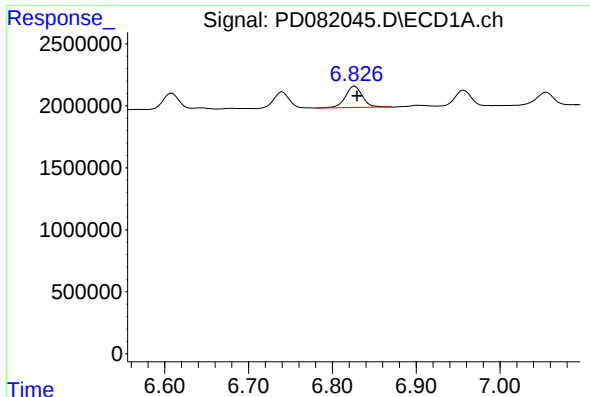
#14 Endrin

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 1577920
Conc: 0.84 ng/ml



#14 Endrin

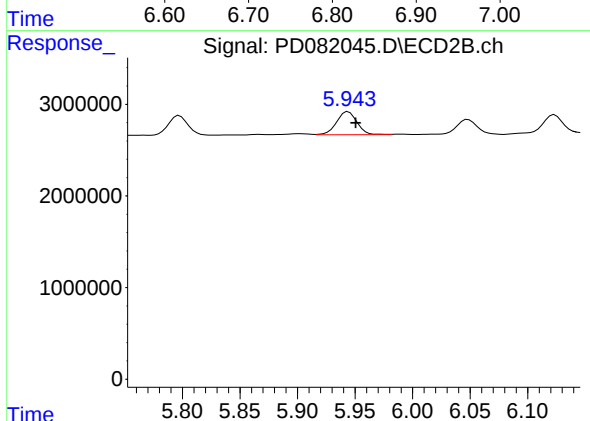
R.T.: 5.651 min
Delta R.T.: -0.007 min
Response: 2625871
Conc: 0.91 ng/ml



#15 Endosulfan II

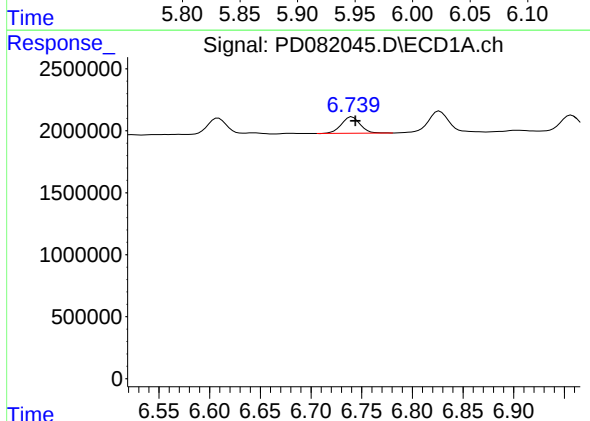
R.T.: 6.827 min
Delta R.T.: -0.002 min
Response: 2434225
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



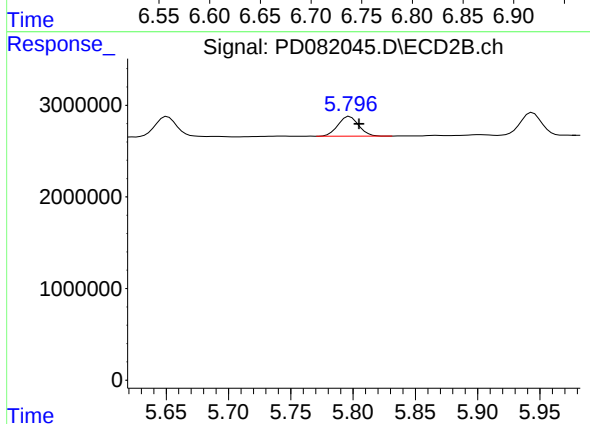
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 3138260
Conc: 1.11 ng/ml



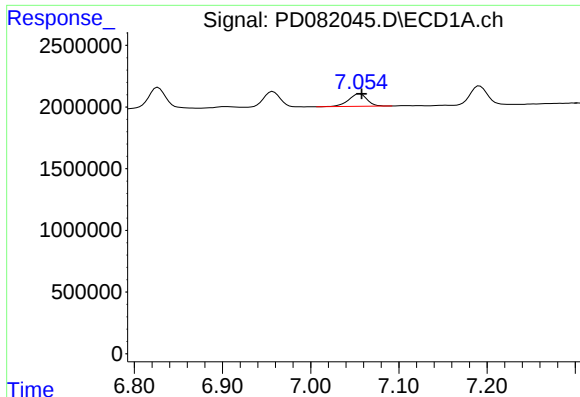
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: -0.003 min
Response: 1695029
Conc: 1.02 ng/ml



#16 4,4'-DDD

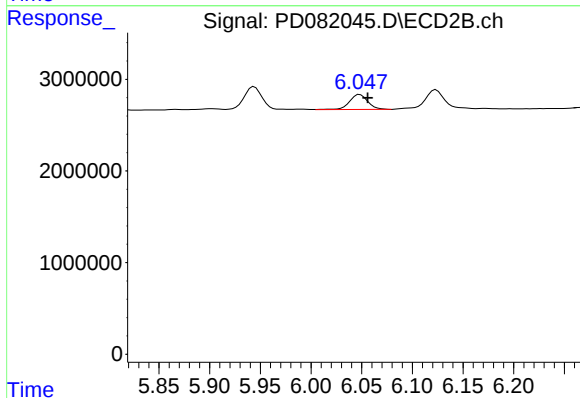
R.T.: 5.797 min
Delta R.T.: -0.008 min
Response: 2497923
Conc: 0.99 ng/ml



#17 4,4'-DDT

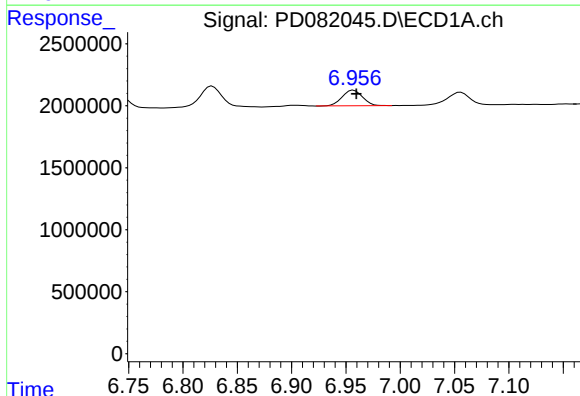
R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 1477025
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



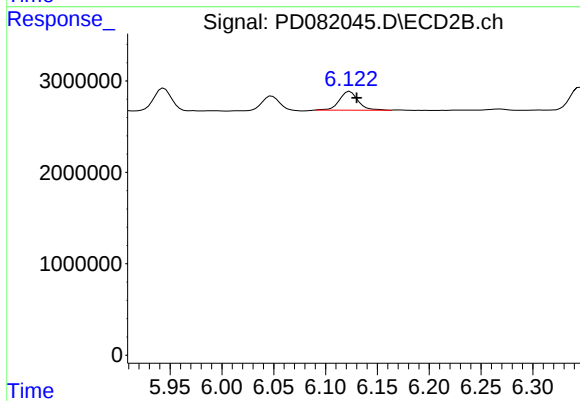
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.008 min
Response: 2054285
Conc: 0.80 ng/ml



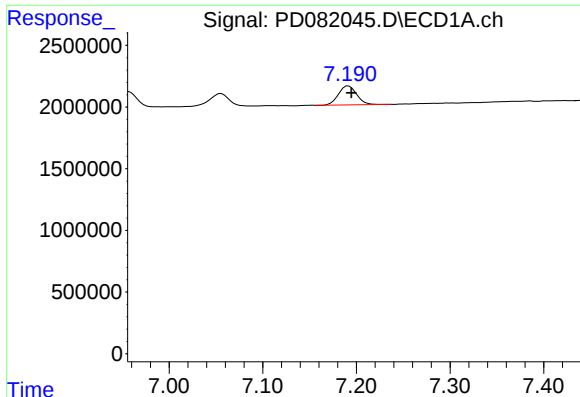
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 1646142
Conc: 1.10 ng/ml



#18 Endrin aldehyde

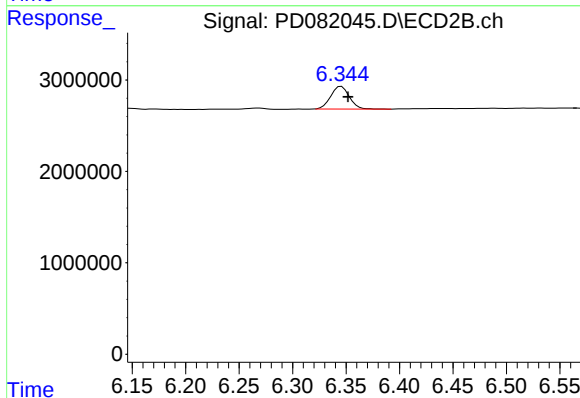
R.T.: 6.123 min
Delta R.T.: -0.007 min
Response: 2556668
Conc: 1.18 ng/ml



#19 Endosulfan Sulfate

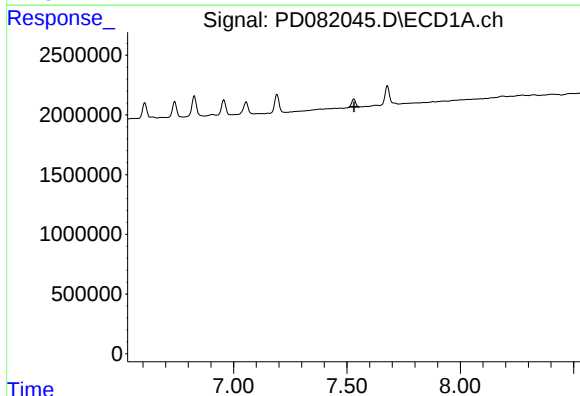
R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 2094841
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



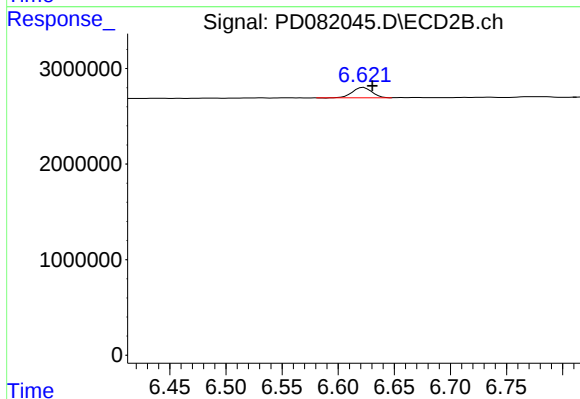
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.006 min
Response: 3002590
Conc: 1.12 ng/ml



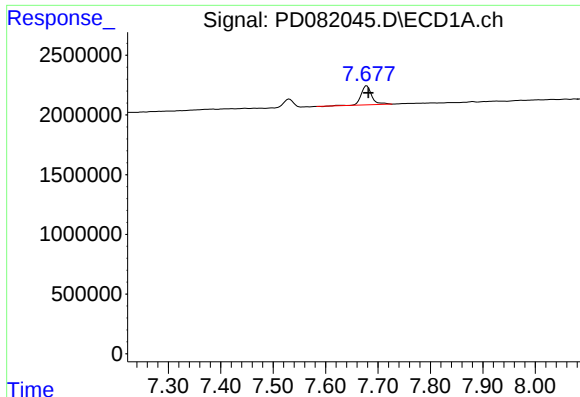
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.532 min
Response: 0
Conc: N.D.



#20 Methoxychlor

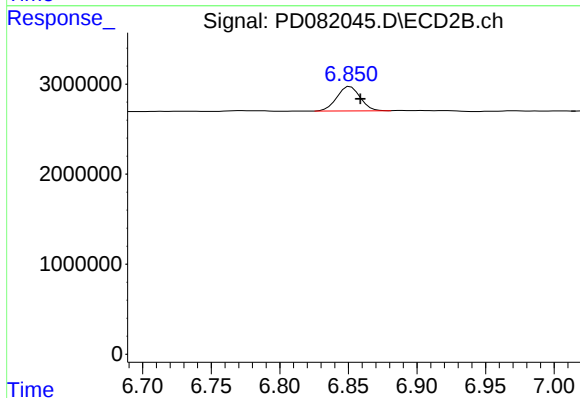
R.T.: 6.623 min
Delta R.T.: -0.008 min
Response: 1305688
Conc: 0.98 ng/ml



#21 Endrin ketone

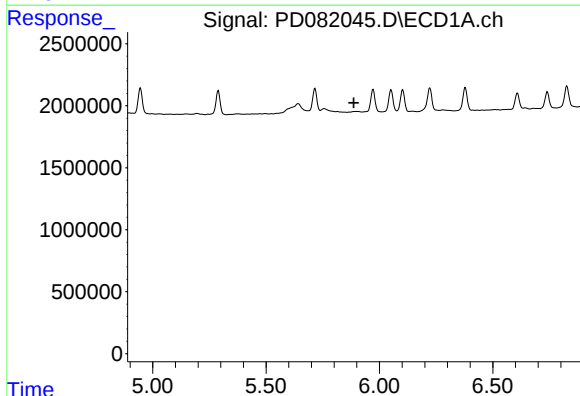
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 2279027
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



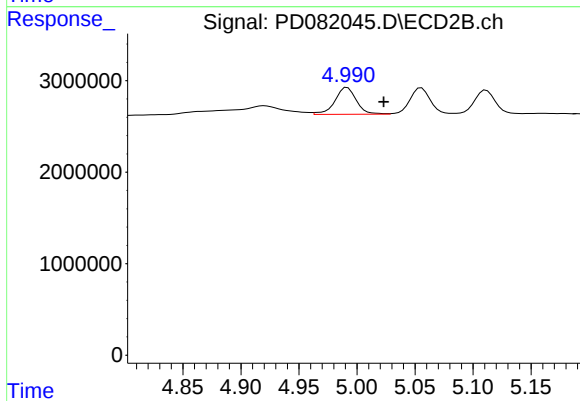
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.007 min
Response: 3214857
Conc: 1.07 ng/ml



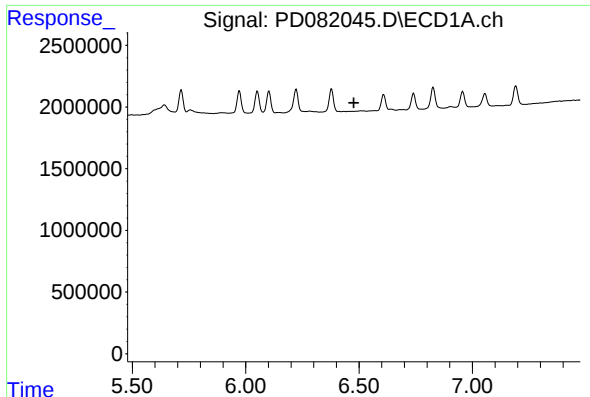
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

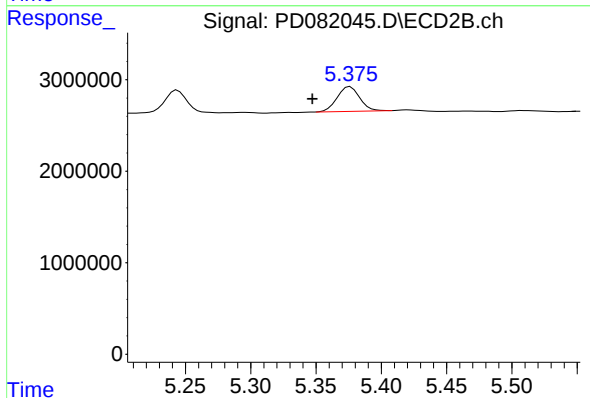
R.T.: 4.992 min
Delta R.T.: -0.031 min
Response: 3746978
Conc: 228.86 ng/ml



#23 Toxaphene-2

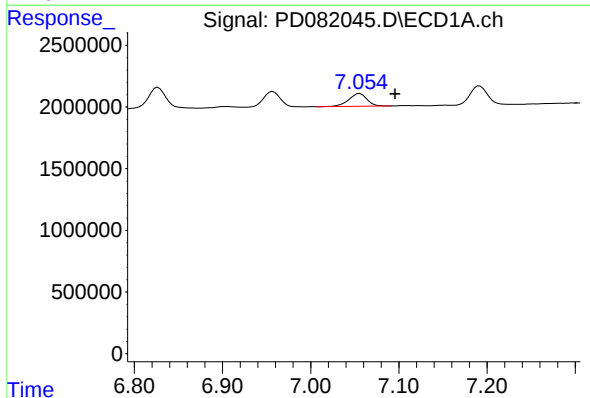
R.T.: 0.000 min
Exp R.T.: 6.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



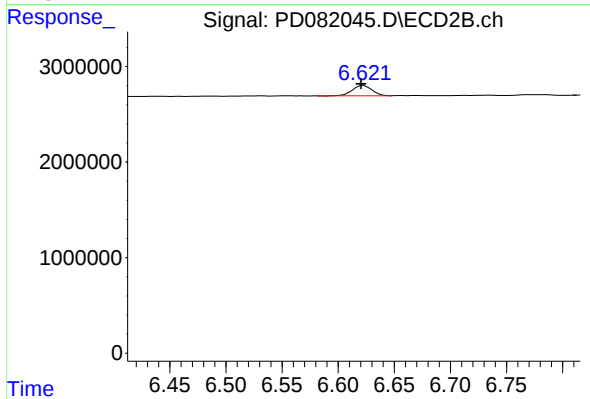
#23 Toxaphene-2

R.T.: 5.376 min
Delta R.T.: 0.029 min
Response: 3260393
Conc: 191.30 ng/ml



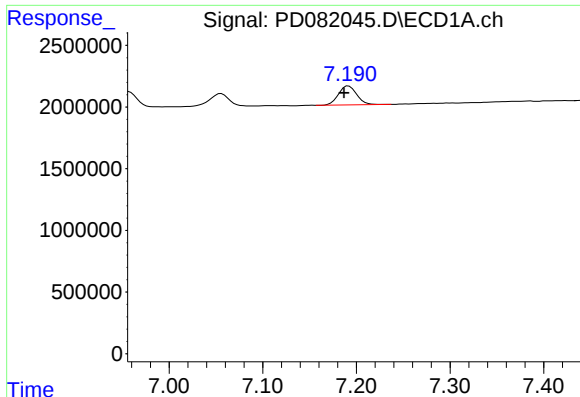
#24 Toxaphene-3

R.T.: 7.056 min
Delta R.T.: -0.040 min
Response: 1477025
Conc: 27.93 ng/ml



#24 Toxaphene-3

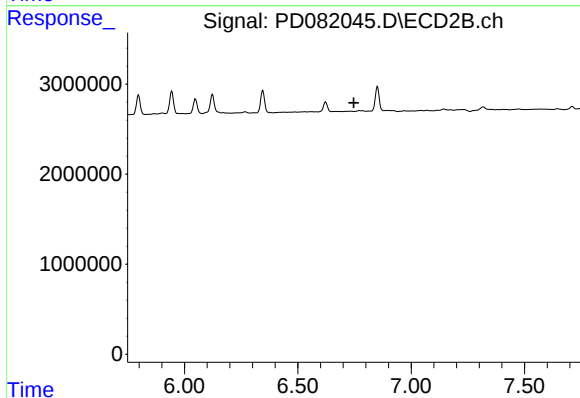
R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 1305688
Conc: 22.31 ng/ml



#25 Toxaphene-4

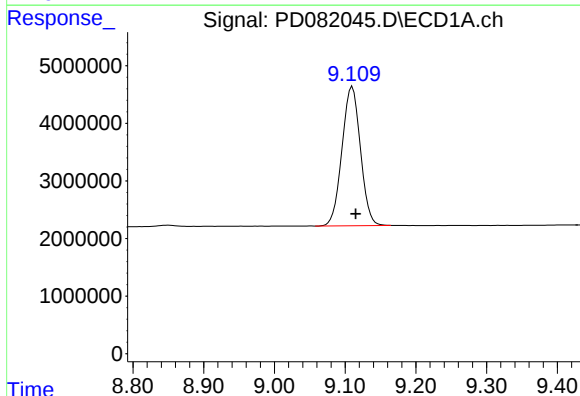
R.T.: 7.192 min
Delta R.T.: 0.005 min
Response: 2094841
Conc: 52.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT1-2024-02



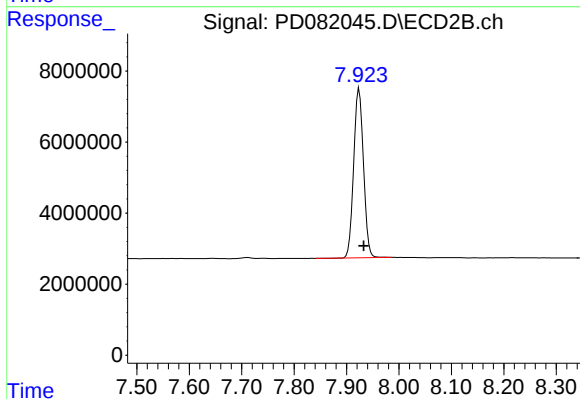
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T.: 6.747 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: -0.005 min
Response: 43730528
Conc: 22.67 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.009 min
Response: 61627931
Conc: 24.84 ng/ml