

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 10:18
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 21:58:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.565	2.775	29871357	73378793	19.294	18.515
28)	SA Decachlor...	9.122	7.906	40009191	76368561	20.035	19.757
Target Compounds							
2)	A alpha-BHC	4.022	3.275	2364656	4999597	0.863	0.801
3)	MA gamma-BHC...	4.356	3.603	2260613	5102709	0.855	0.863
4)	MA Heptachlor	4.949	3.942	2596192	4907999	1.029	0.887
5)	MB Aldrin	5.293	4.222	2420406	4747016	0.939	0.833
6)	B beta-BHC	4.553	3.899	1041723	2657436	0.995	1.113
7)	B delta-BHC	4.801	4.129	3917255	4510315	1.577	0.779 #
8)	B Heptachlo...	5.721	4.723	3363629	4688608	1.442	0.931 #
9)	A Endosulfan I	6.108	5.093	2275535	4170969	1.054	0.904
10)	B gamma-Chl...	5.977	4.973	2462365	4679290	1.087	0.936
11)	B alpha-Chl...	6.058	5.037	2445046	4536997	1.081	0.914
12)	B 4,4'-DDE	6.229	5.225	2251238	4064089	1.029	0.871
13)	MA Dieldrin	6.384	5.357	2231029	4441450	0.998	0.884
14)	MA Endrin	6.615	5.632	1748329	3867498	0.929	0.884
15)	B Endosulfa...	6.834	5.925	2621032	3897318	1.314	0.933 #
16)	A 4,4'-DDD	6.748	5.779	1524238	3313567	0.953	0.881
17)	MA 4,4'-DDT	7.063	6.030	1522342	2825109	0.902	0.737
18)	B Endrin al...	6.965	6.105	1602187	3340238	1.144	1.070
19)	B Endosulfa...	7.200	6.327	1921971	3982802	1.089	0.999
20)	A Methoxychlor	7.539	6.605	899016	1875416	0.981	0.923
21)	B Endrin ke...	7.687	6.833	1985232	3981711	1.033	0.876
22)	Mirex	8.164	7.014	1825722	3528043	1.191	0.987
24)	Chlordane-2	5.293f	0.000	2420406	0	24.456	N.D. #
25)	Chlordane-3	5.977	4.973	2462365	4679290	6.249	7.764
26)	Chlordane-4	6.058	5.037	2445046	4536997	5.205	7.895 #
27)	Chlordane-5	0.000	5.925	0	3897318	N.D.	19.327 #

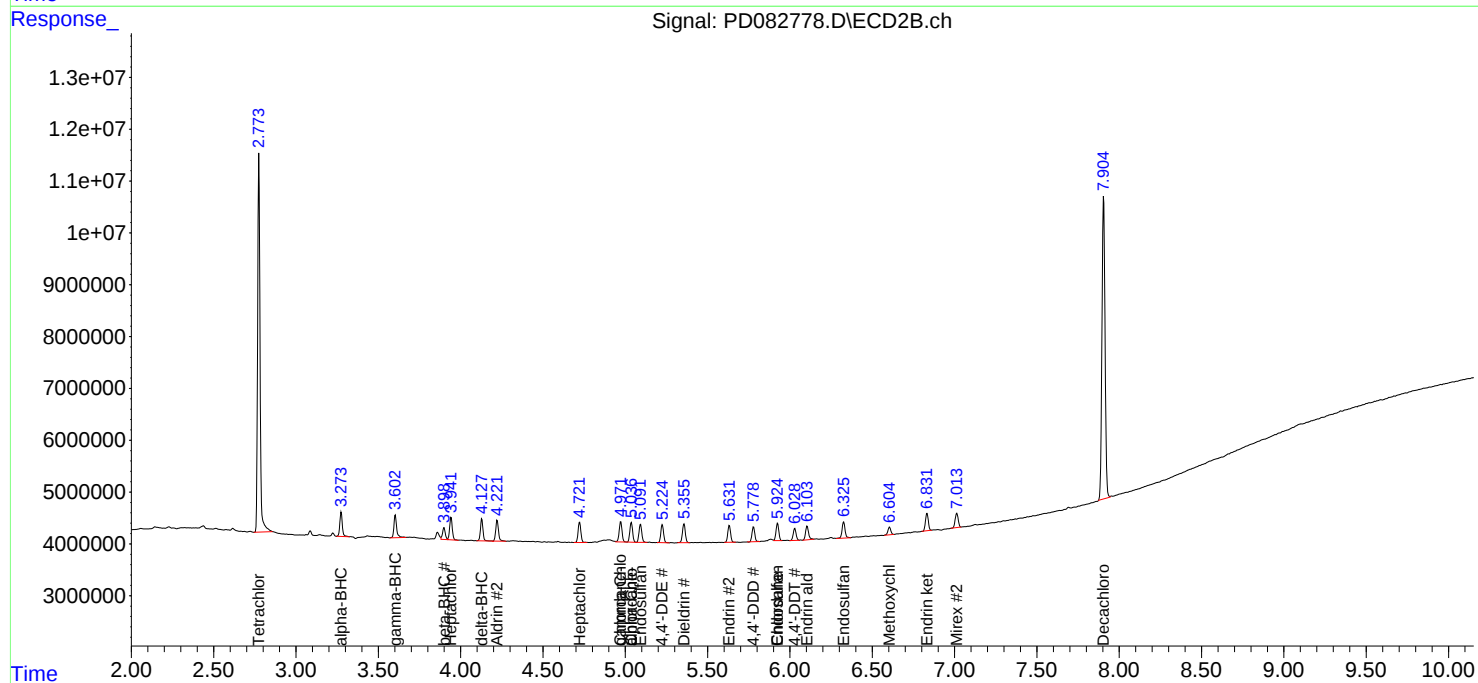
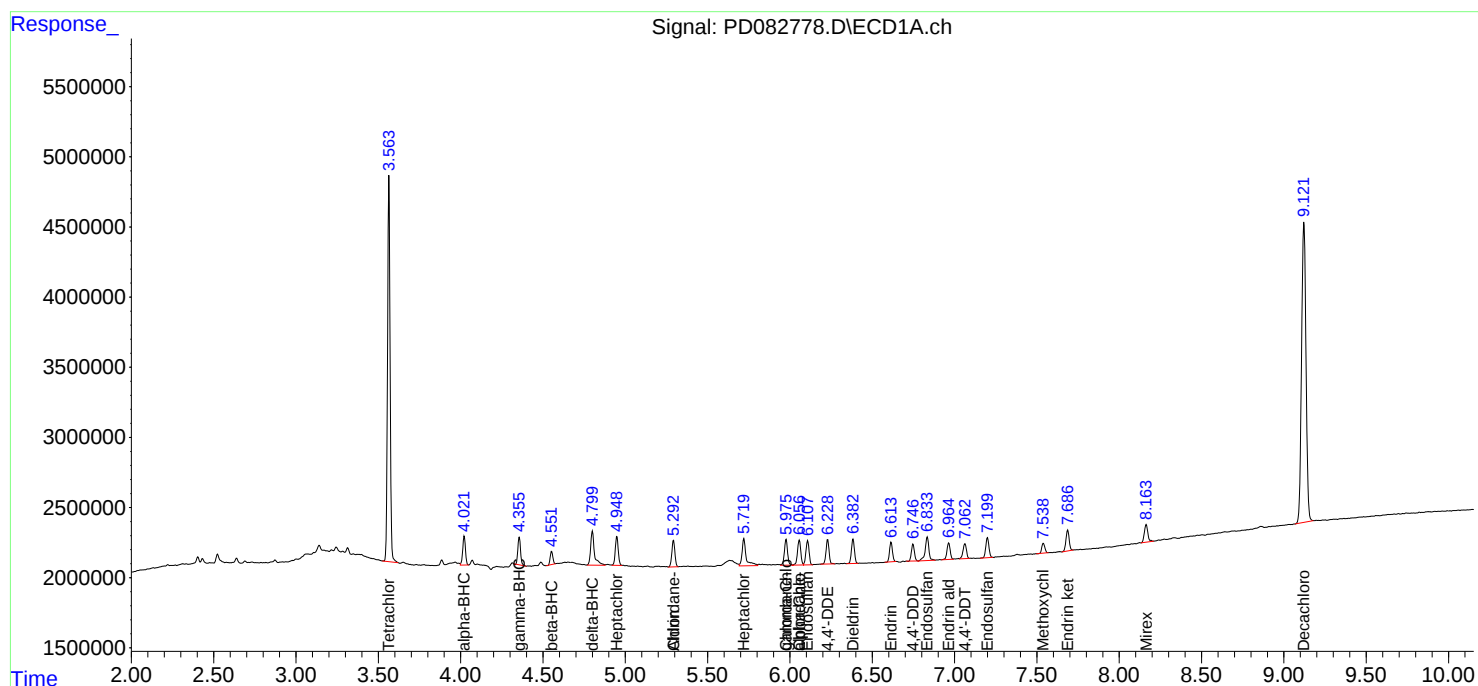
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

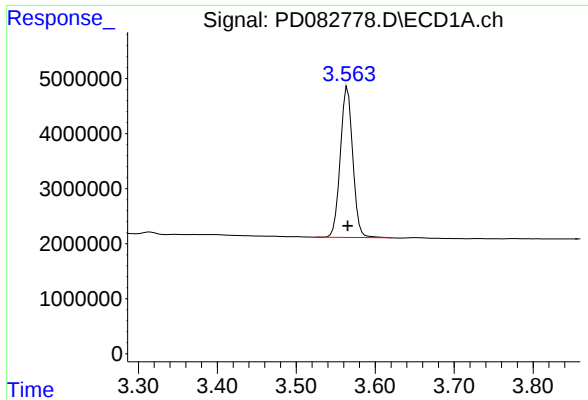
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 10:18
Operator : AR\AJ
Sample : P2403-01
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 21:58:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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

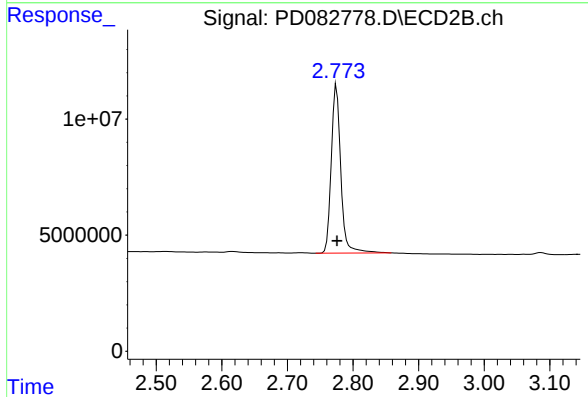




#1 Tetrachloro-m-xylene

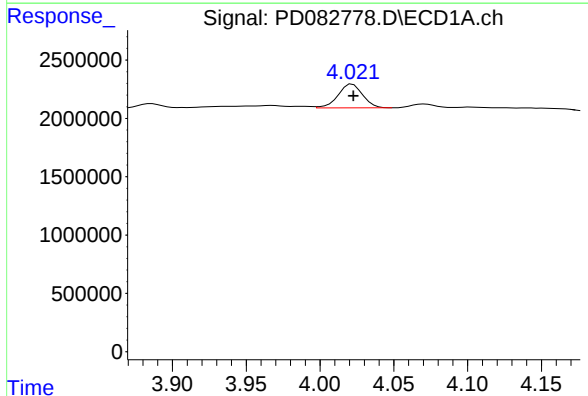
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 29871357
Conc: 19.29 ng/ml

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



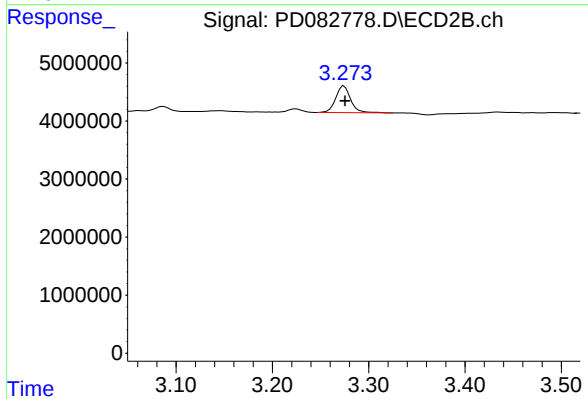
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 73378793
Conc: 18.51 ng/ml



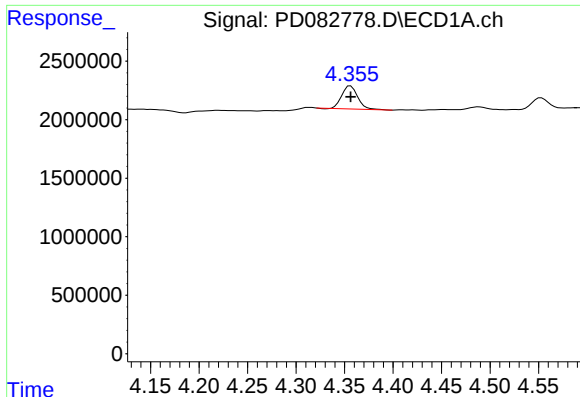
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 2364656
Conc: 0.86 ng/ml



#2 alpha-BHC

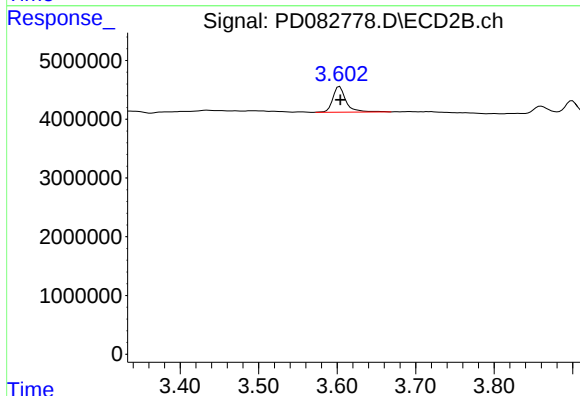
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 4999597
Conc: 0.80 ng/ml



#3 gamma-BHC (Lindane)

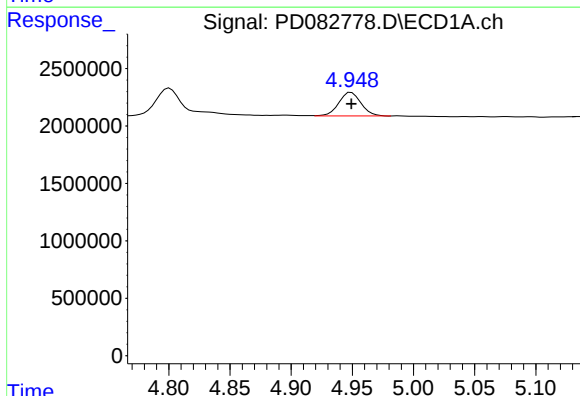
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2260613
Conc: 0.86 ng/ml

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



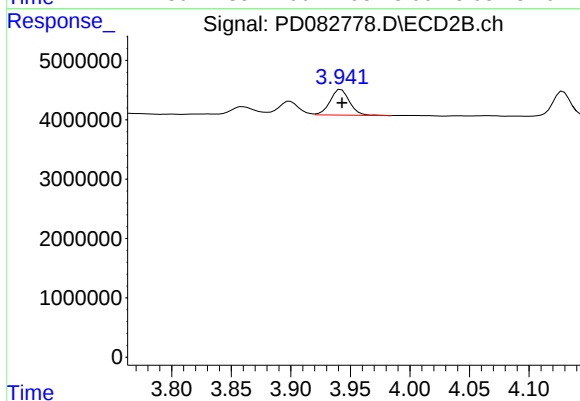
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 5102709
Conc: 0.86 ng/ml



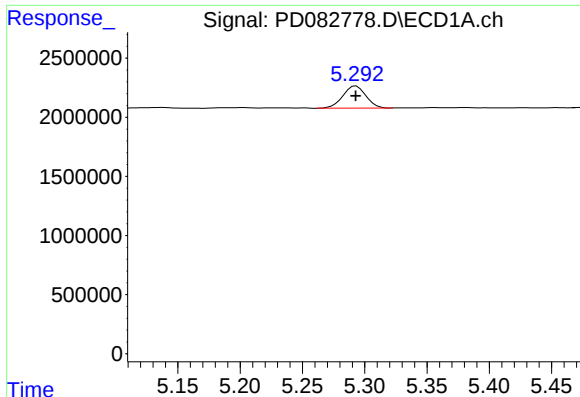
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 2596192
Conc: 1.03 ng/ml



#4 Heptachlor

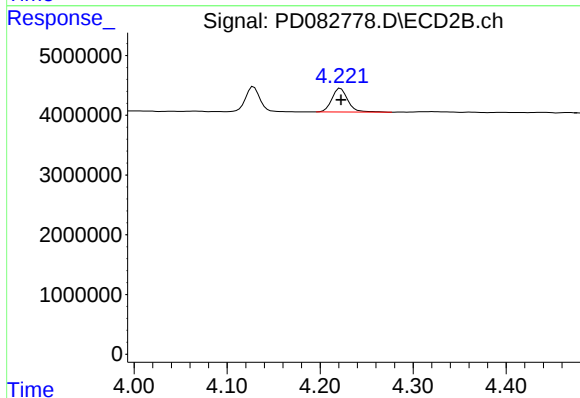
R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 4907999
Conc: 0.89 ng/ml



#5 Aldrin

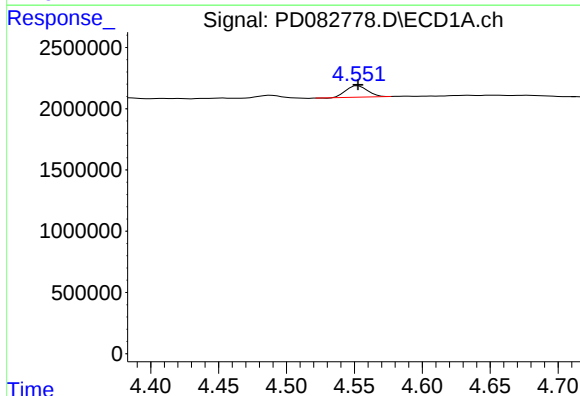
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2420406
Conc: 0.94 ng/ml

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



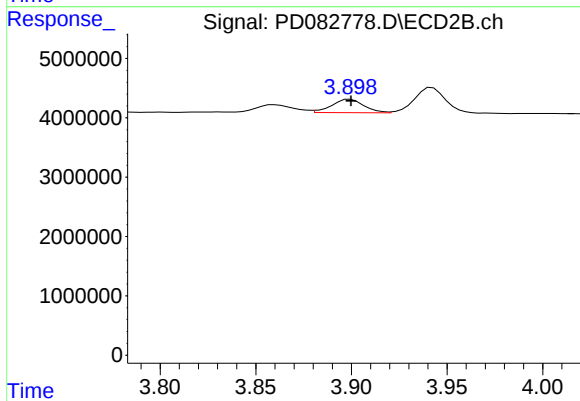
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 4747016
Conc: 0.83 ng/ml



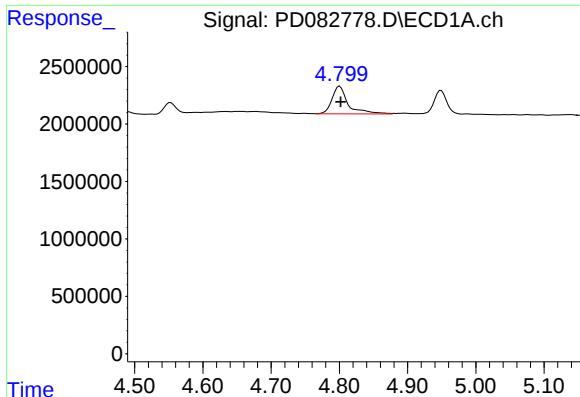
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1041723
Conc: 0.99 ng/ml



#6 beta-BHC

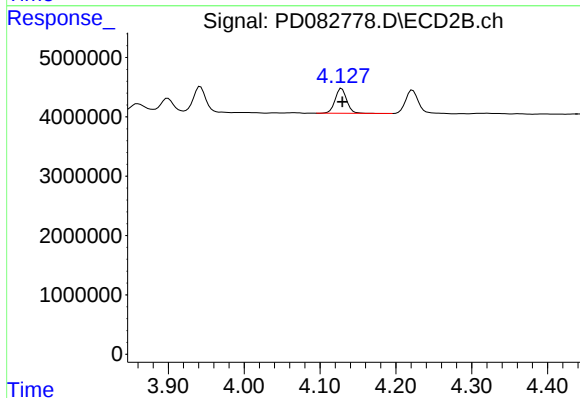
R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 2657436
Conc: 1.11 ng/ml



#7 delta-BHC

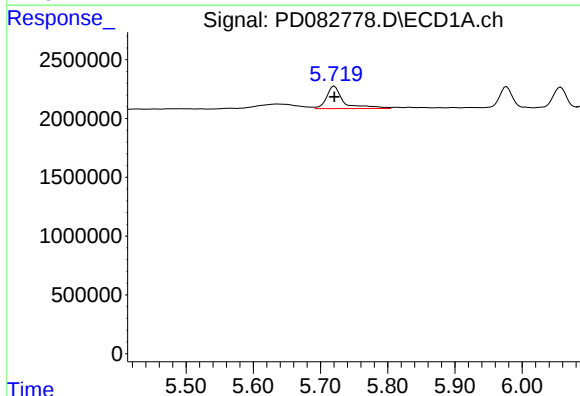
R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 3917255
Conc: 1.58 ng/ml

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



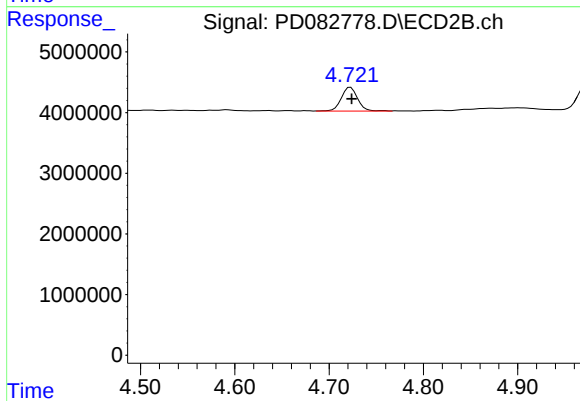
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 4510315
Conc: 0.78 ng/ml



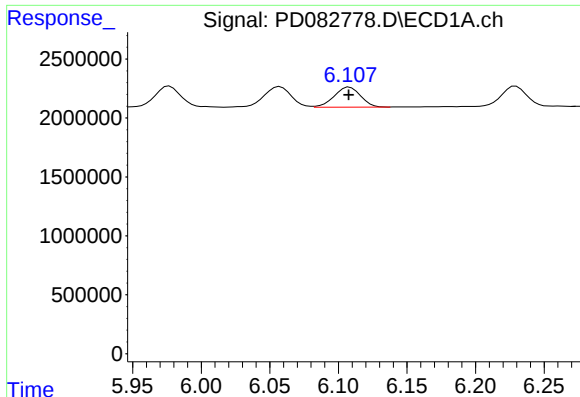
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 3363629
Conc: 1.44 ng/ml



#8 Heptachlor epoxide

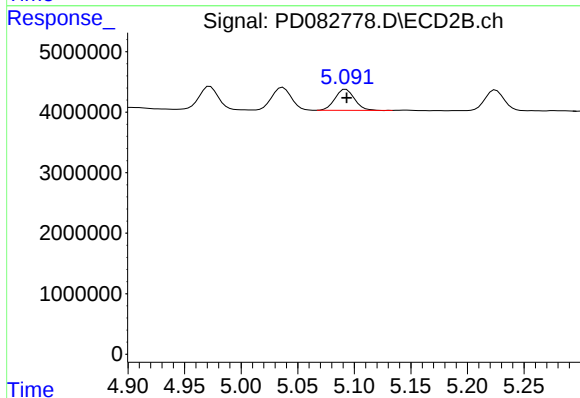
R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 4688608
Conc: 0.93 ng/ml



#9 Endosulfan I

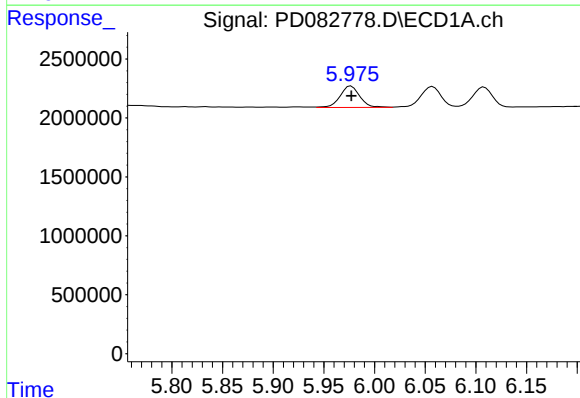
R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2275535
Conc: 1.05 ng/ml

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



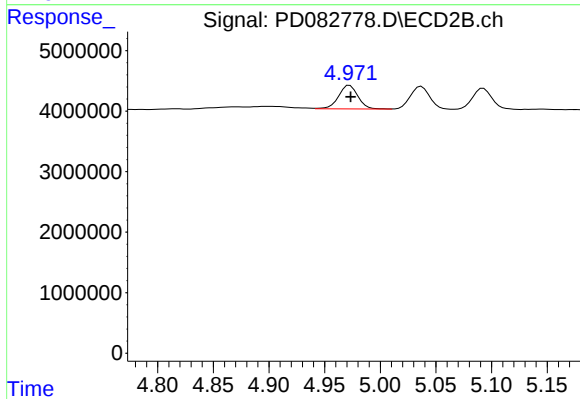
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 4170969
Conc: 0.90 ng/ml



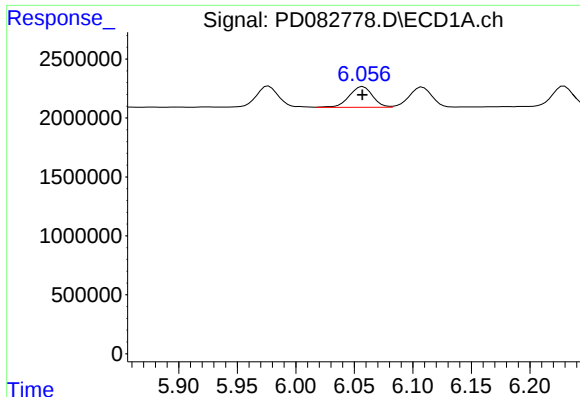
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 2462365
Conc: 1.09 ng/ml



#10 gamma-Chlordane

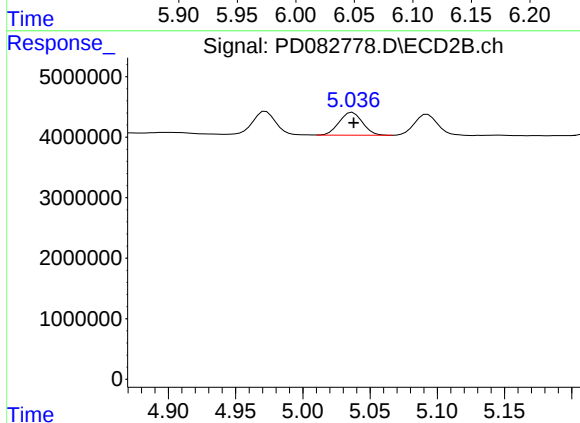
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 4679290
Conc: 0.94 ng/ml



#11 alpha-Chlordane

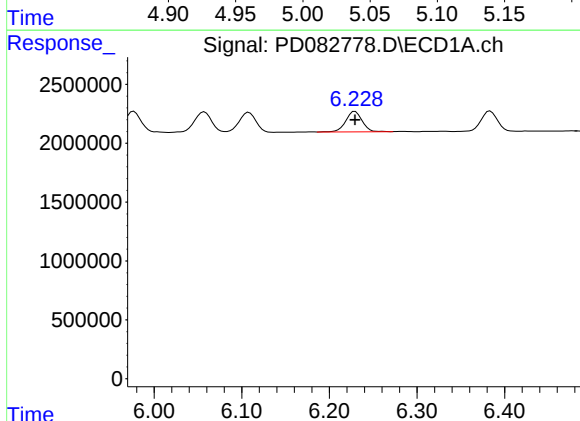
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 2445046
Conc: 1.08 ng/ml

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



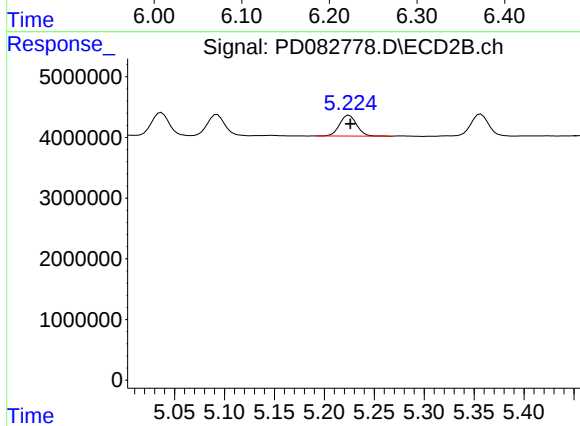
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4536997
Conc: 0.91 ng/ml



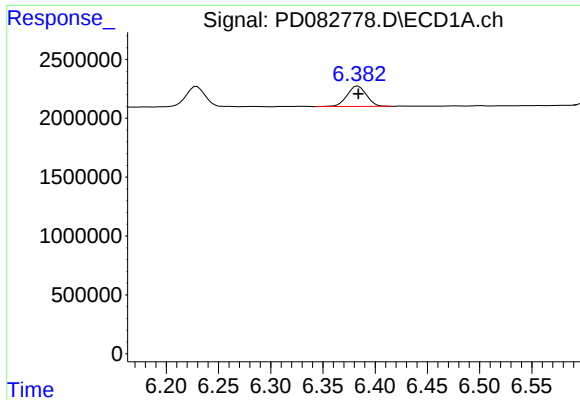
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 2251238
Conc: 1.03 ng/ml



#12 4,4'-DDE

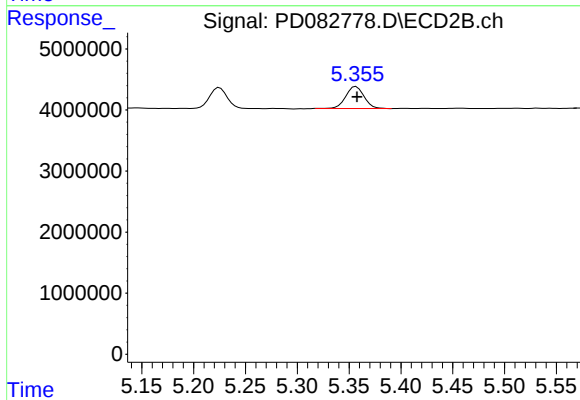
R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 4064089
Conc: 0.87 ng/ml



#13 Dieldrin

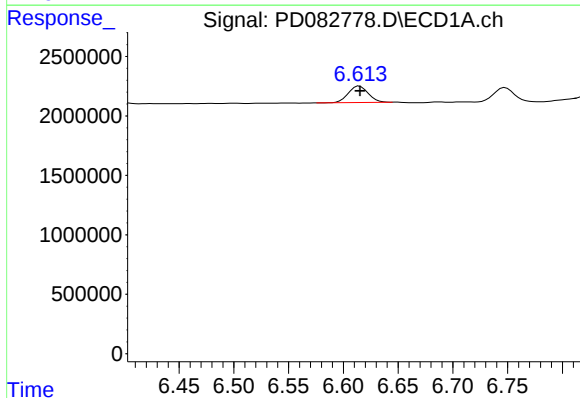
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2231029
Conc: 1.00 ng/ml

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



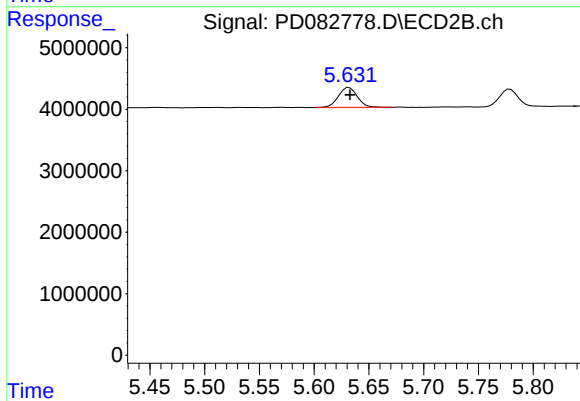
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 4441450
Conc: 0.88 ng/ml



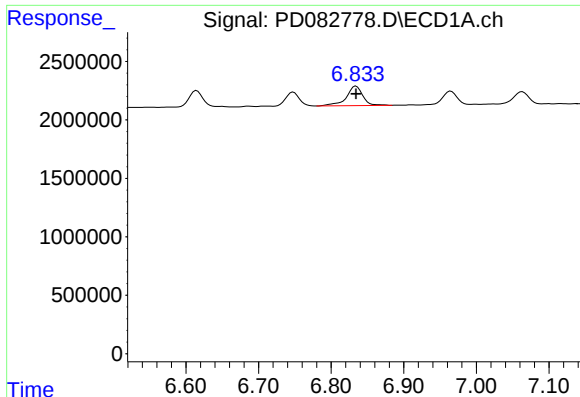
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 1748329
Conc: 0.93 ng/ml



#14 Endrin

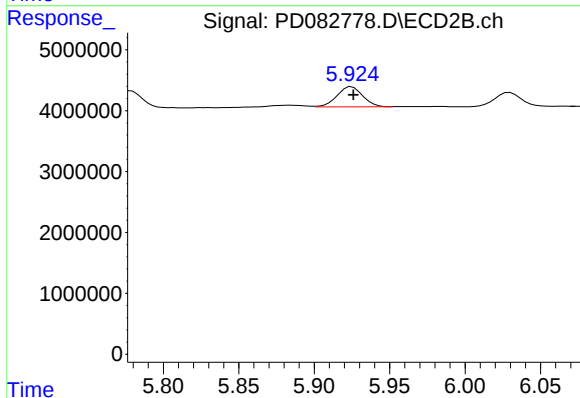
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 3867498
Conc: 0.88 ng/ml



#15 Endosulfan II

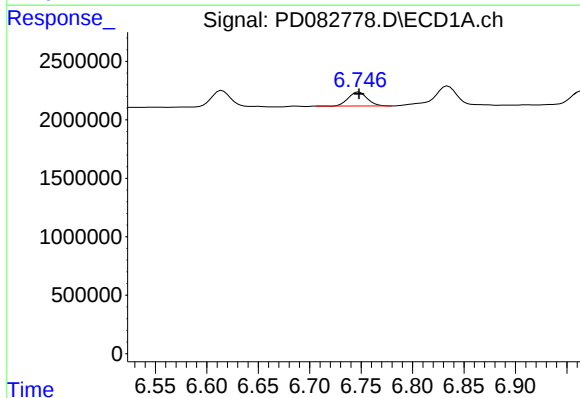
R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 2621032
Conc: 1.31 ng/ml

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



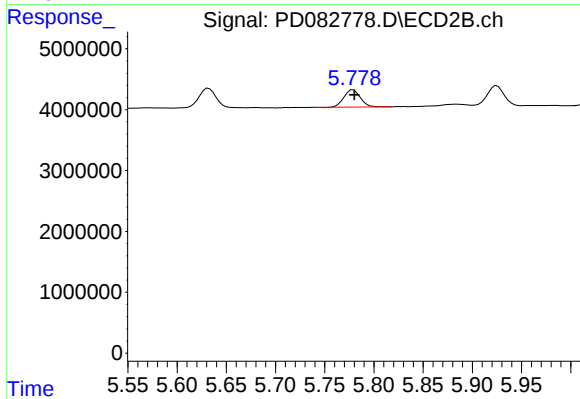
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 3897318
Conc: 0.93 ng/ml



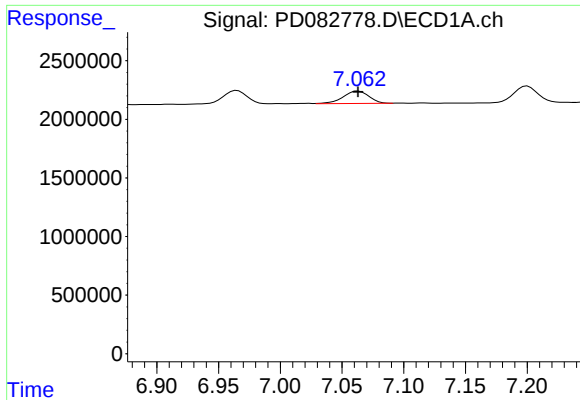
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 1524238
Conc: 0.95 ng/ml



#16 4,4'-DDD

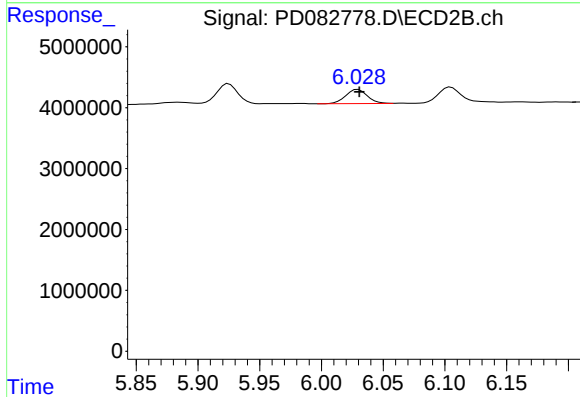
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 3313567
Conc: 0.88 ng/ml



#17 4,4'-DDT

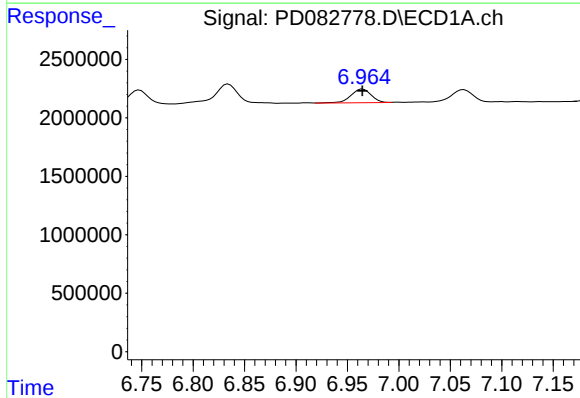
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 1522342
Conc: 0.90 ng/ml

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



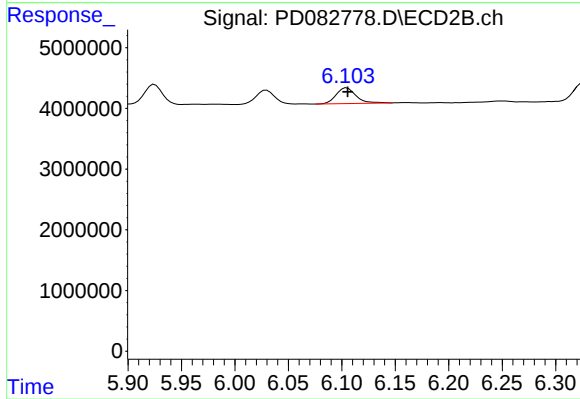
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 2825109
Conc: 0.74 ng/ml



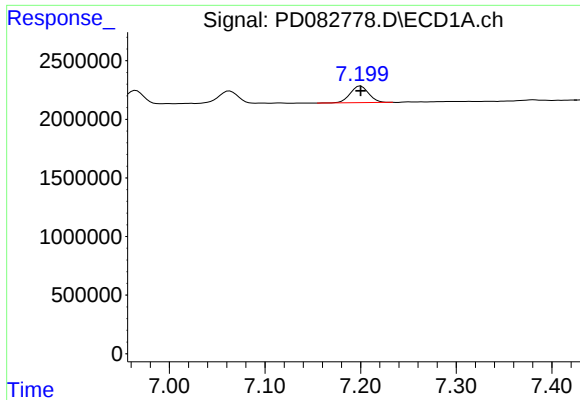
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 1602187
Conc: 1.14 ng/ml



#18 Endrin aldehyde

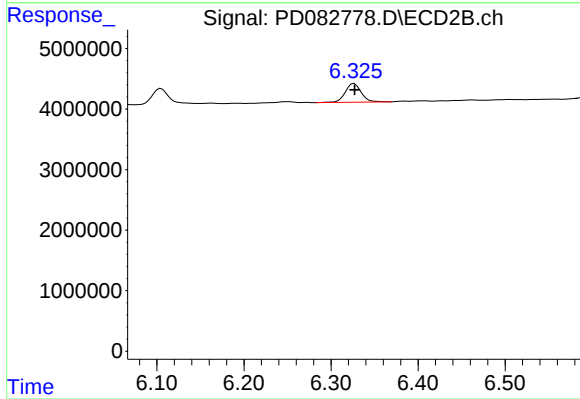
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3340238
Conc: 1.07 ng/ml



#19 Endosulfan Sulfate

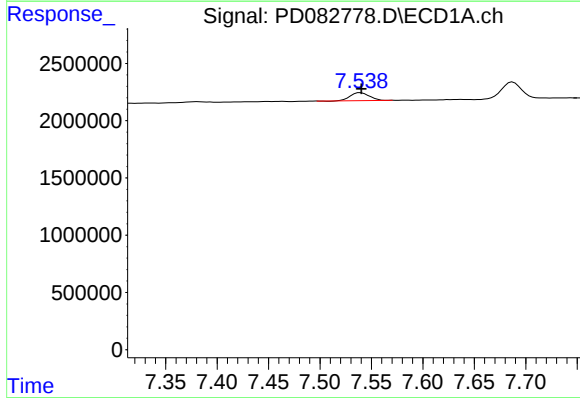
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 1921971
Conc: 1.09 ng/ml

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



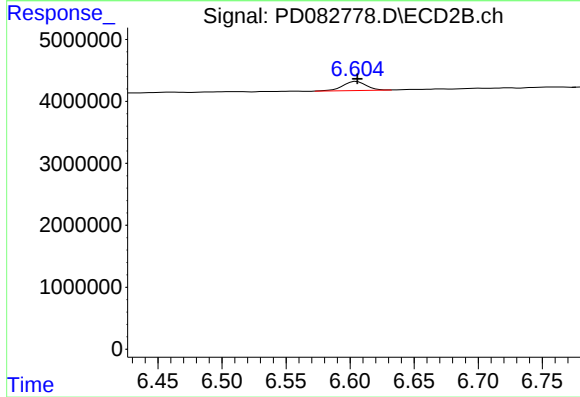
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 3982802
Conc: 1.00 ng/ml



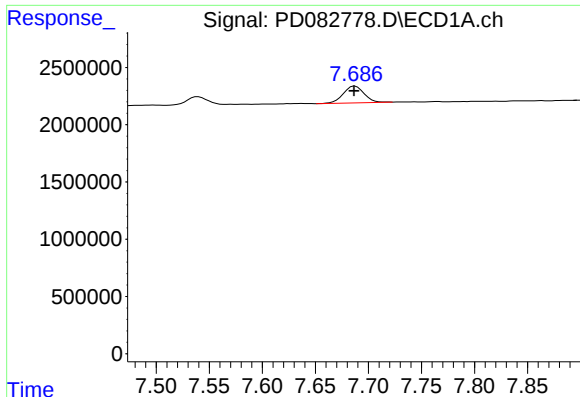
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 899016
Conc: 0.98 ng/ml



#20 Methoxychlor

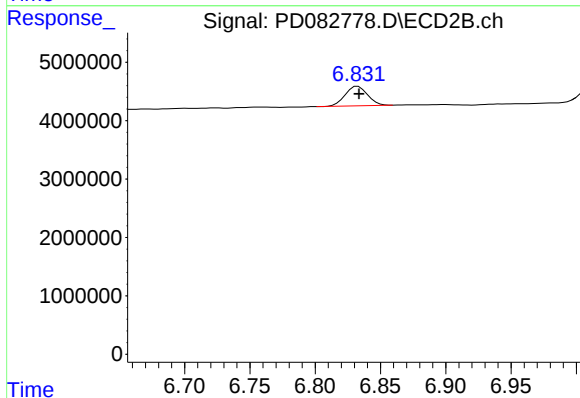
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 1875416
Conc: 0.92 ng/ml



#21 Endrin ketone

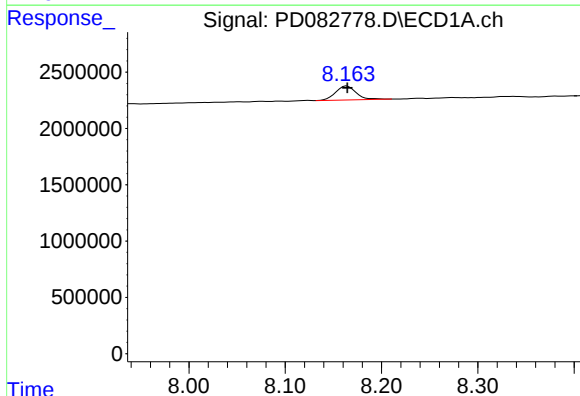
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 1985232
Conc: 1.03 ng/ml

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



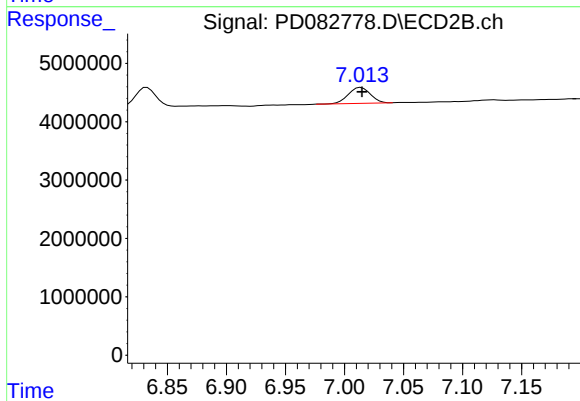
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 3981711
Conc: 0.88 ng/ml



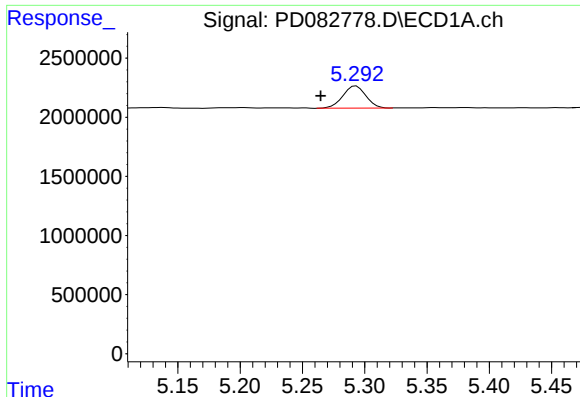
#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 1825722
Conc: 1.19 ng/ml



#22 Mirex

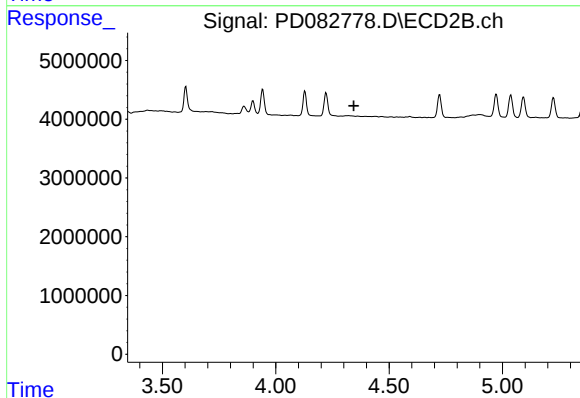
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 3528043
Conc: 0.99 ng/ml



#24 Chlordane-2

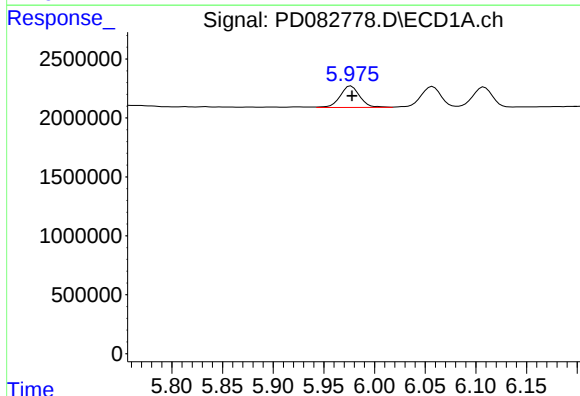
R.T.: 5.293 min
Delta R.T.: 0.029 min
Response: 2420406
Conc: 24.46 ng/ml

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



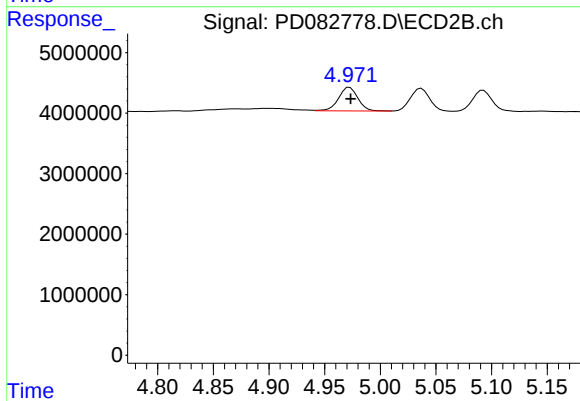
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.344 min
Response: 0
Conc: N.D.



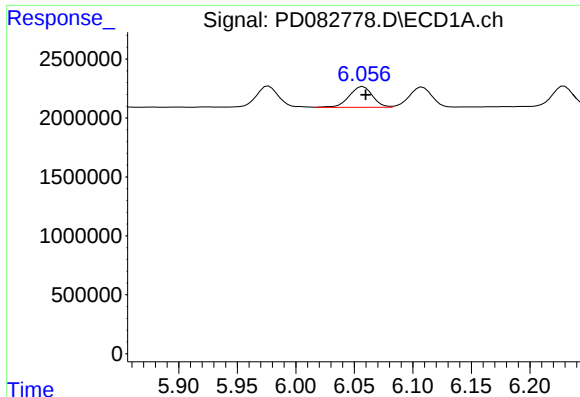
#25 Chlordane-3

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 2462365
Conc: 6.25 ng/ml



#25 Chlordane-3

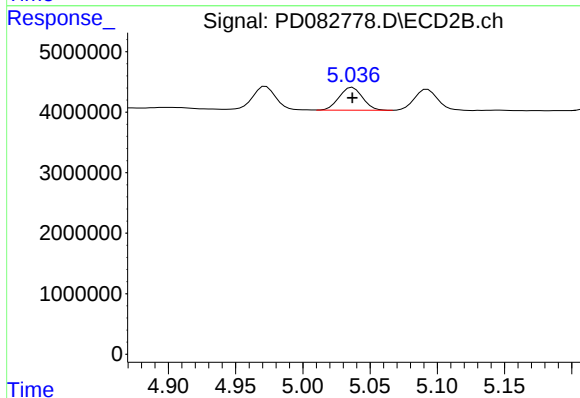
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 4679290
Conc: 7.76 ng/ml



#26 Chlordane-4

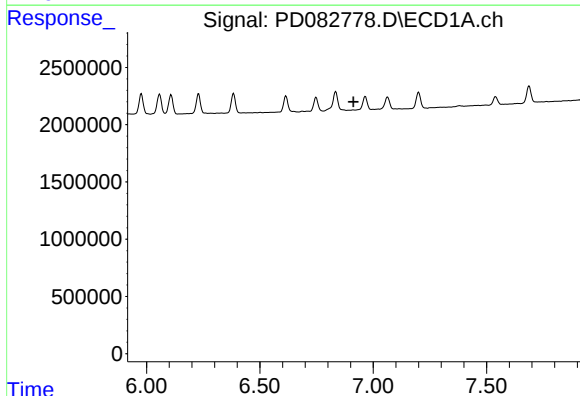
R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2445046
Conc: 5.21 ng/ml

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



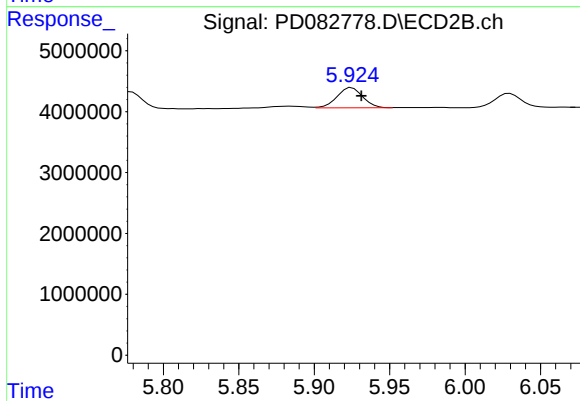
#26 Chlordane-4

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4536997
Conc: 7.90 ng/ml



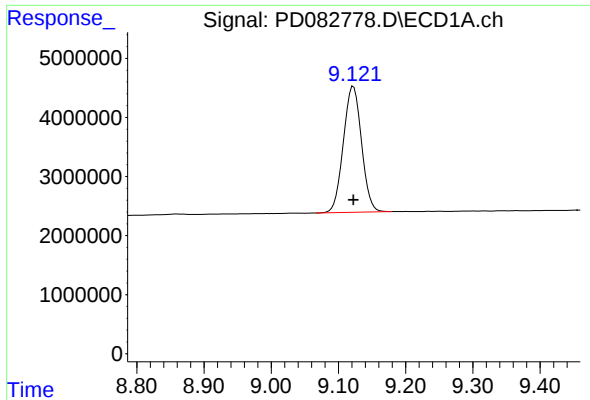
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#27 Chlordane-5

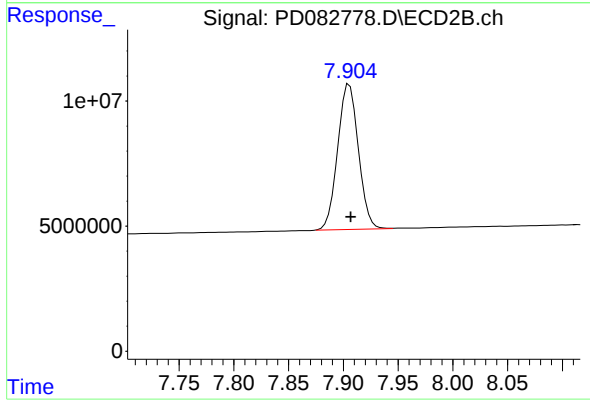
R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 3897318
Conc: 19.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 40009191
Conc: 20.04 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 76368561
Conc: 19.76 ng/ml