

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 12:56
 Operator : AR\AJ
 Sample : P4368-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:37:48 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...	3.559	2.886	26325330	205.5E6	18.022	20.784
2)	SA Decachlor...	9.098	8.095	38040945	229.4E6	19.843	21.415
Target Compounds							
2)	A alpha-BHC	4.009	3.401	2433859	20708400	0.849	1.365 #
3)	MA gamma-BHC...	4.341	3.738	2580495	19293262	0.901	1.320 #
4)	MA Heptachlor	4.942	4.094	2807467	20254527	1.026	1.438 #
5)	MB Aldrin	5.284	4.382	2713192	19799736	0.987	1.358 #
6)	B beta-BHC	4.524	4.033	1277787	10718761	1.118	1.681 #
7)	B delta-BHC	4.774	4.271	4645401	19108847	1.572	1.285
8)	B Heptachlo...	5.704	4.887	2565183	19104840	1.041	1.449 #
9)	A Endosulfan I	6.088	5.262	2451424	17505589	1.068	1.409 #
10)	B gamma-Chl...	5.959	5.141	2557182	19222914	1.062	1.412 #
11)	B alpha-Chl...	6.041	5.205	2621042	19323281	1.083	1.444 #
12)	B 4,4'-DDE	6.209	5.391	2195199	17908797	0.982	1.369 #
13)	MA Dieldrin	6.362	5.528	2552477	18344400	1.025	1.346 #
14)	MA Endrin	6.589	5.804	2132934	18932580	0.990	1.543 #
15)	B Endosulfa...	6.800	6.096	2407230	16947723	1.114	1.412 #
16)	A 4,4'-DDD	6.719	5.946	1848558	15158711	1.023	1.376 #
17)	MA 4,4'-DDT	7.036	6.201	1639014	14614675	0.895	1.260 #
18)	B Endrin al...	6.929	6.275	1832375	13380728	1.108	1.427 #
19)	B Endosulfa...	7.163	6.499	2124035	16613999	1.057	1.435 #
20)	A Methoxychlor	7.509	6.774	1122369	8467710	1.038	1.340 #
21)	B Endrin ke...	7.645	7.008	2370222	18618542	1.045	1.464 #
22)	Mirex	8.131	7.205	1938431	15945620	1.171	1.535 #
23)	Chlordane-1	0.000	3.923	0	364277	N.D.	0.783 #
24)	Chlordane-2	5.284f	4.497	2713192	241778	27.775	0.488 #
25)	Chlordane-3	5.959	5.141	2557182	19222914	6.760	12.911 #
26)	Chlordane-4	6.041	5.205	2621042	19323281	5.705	15.383 #
27)	Chlordane-5	0.000	5.903f	0	473830	N.D.	1.161 #

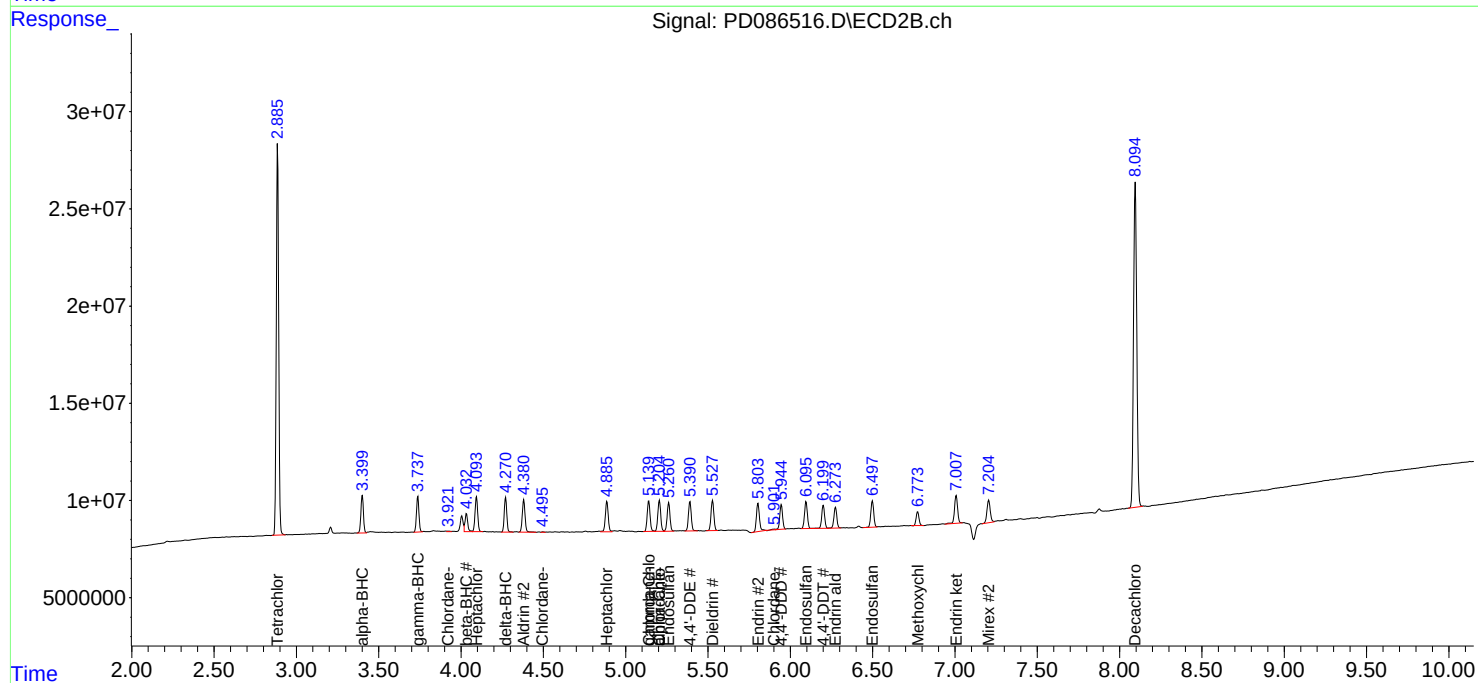
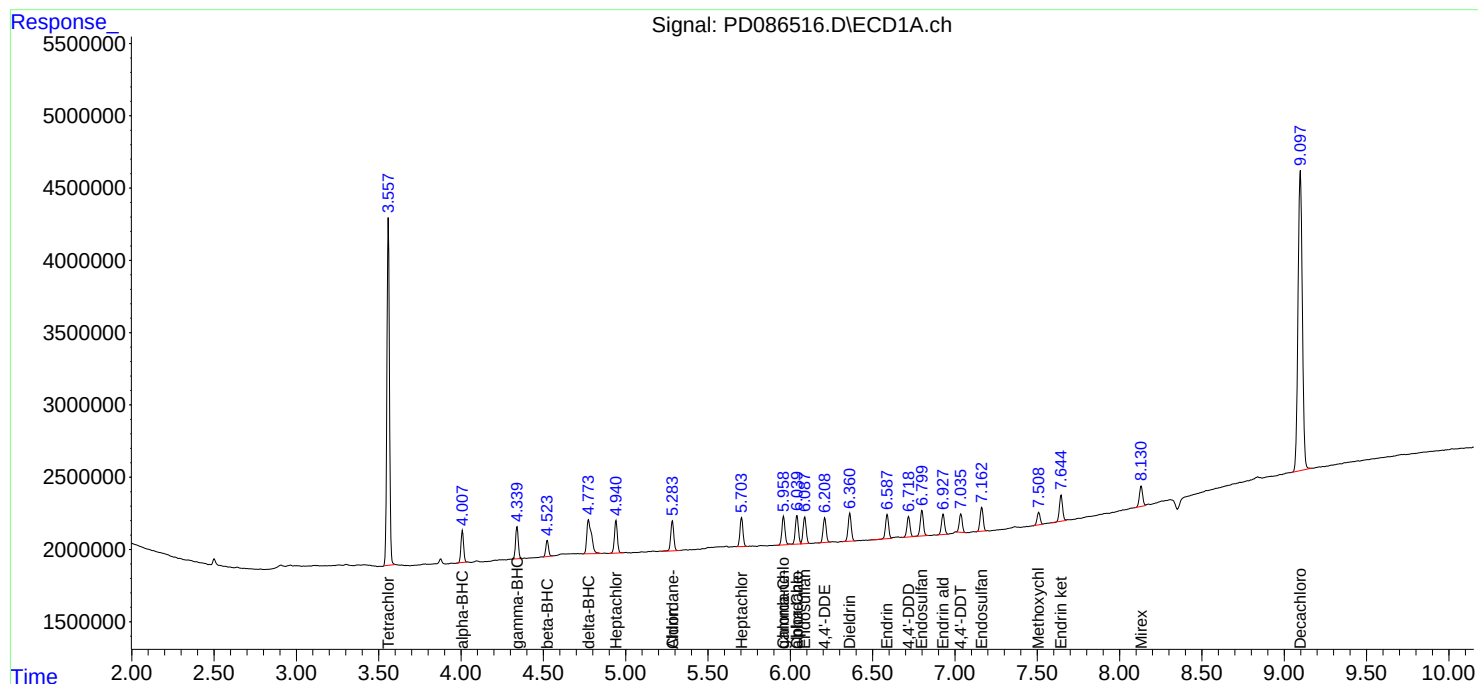
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

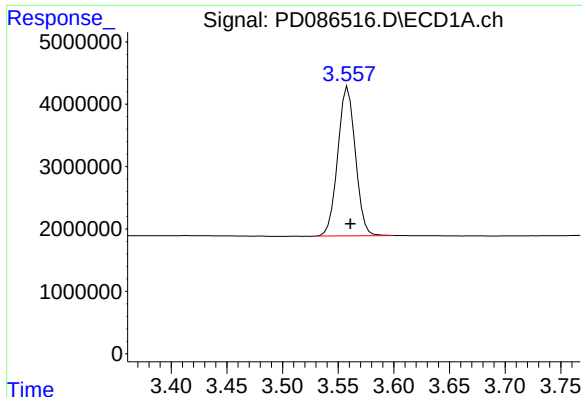
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 12:56
Operator : AR\AJ
Sample : P4368-01
Misc : PEST LOD 1PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:37:48 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

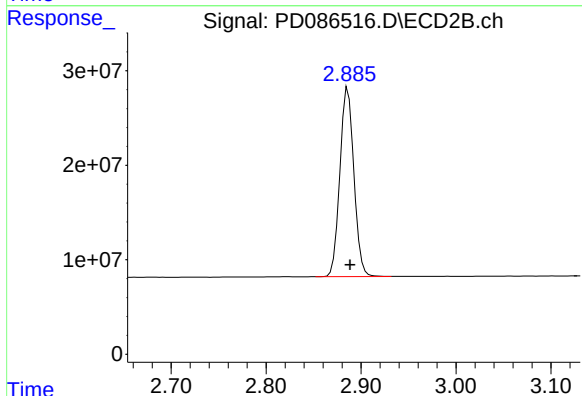




#1 Tetrachloro-m-xylene

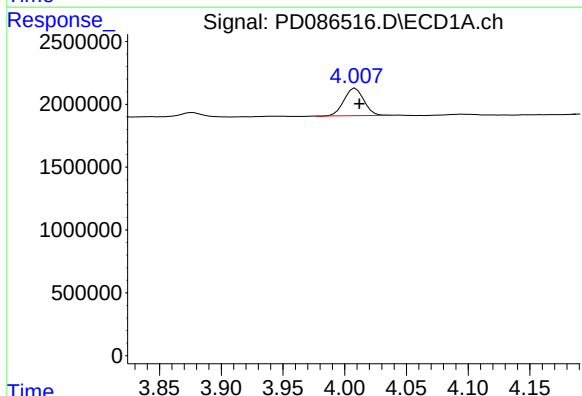
R.T.: 3.559 min
Delta R.T.: -0.002 min
Response: 26325330
Conc: 18.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



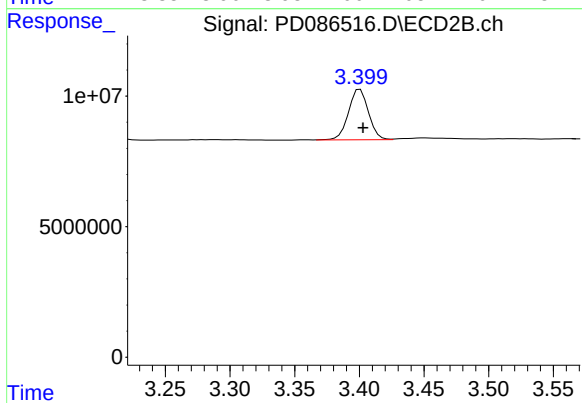
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: -0.002 min
Response: 205536499
Conc: 20.78 ng/ml



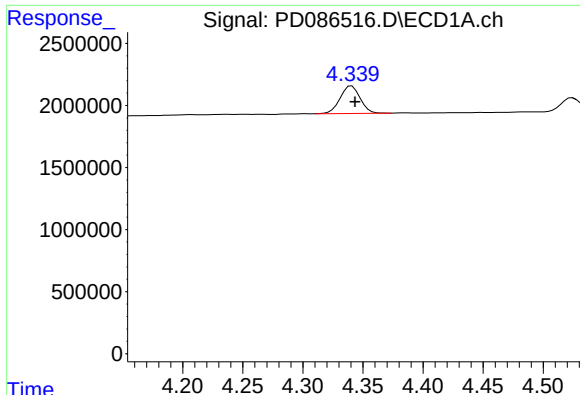
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: -0.003 min
Response: 2433859
Conc: 0.85 ng/ml



#2 alpha-BHC

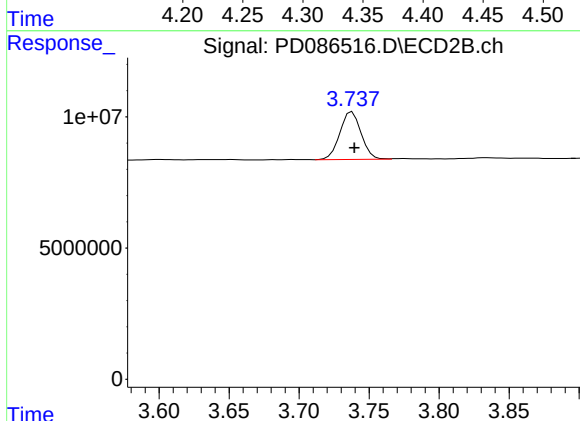
R.T.: 3.401 min
Delta R.T.: -0.002 min
Response: 20708400
Conc: 1.36 ng/ml



#3 gamma-BHC (Lindane)

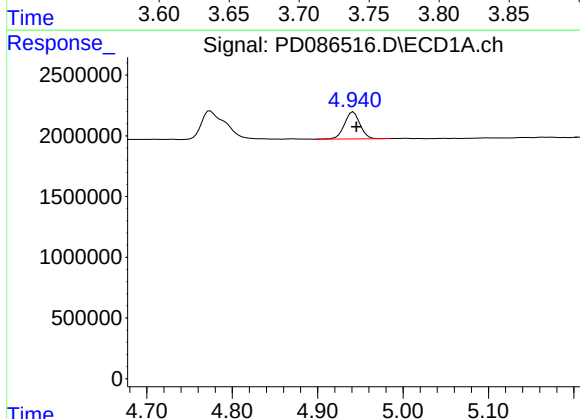
R.T.: 4.341 min
Delta R.T.: -0.003 min
Response: 2580495
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



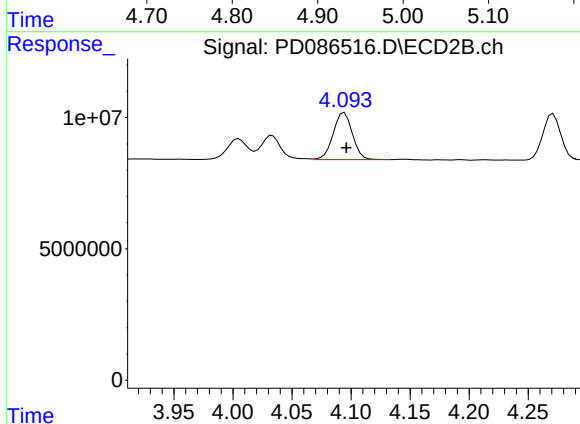
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.002 min
Response: 19293262
Conc: 1.32 ng/ml



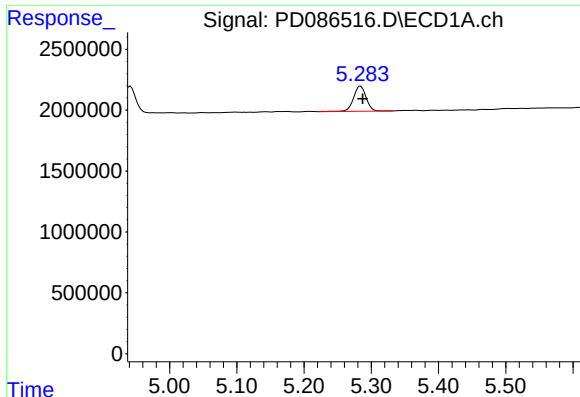
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 2807467
Conc: 1.03 ng/ml



#4 Heptachlor

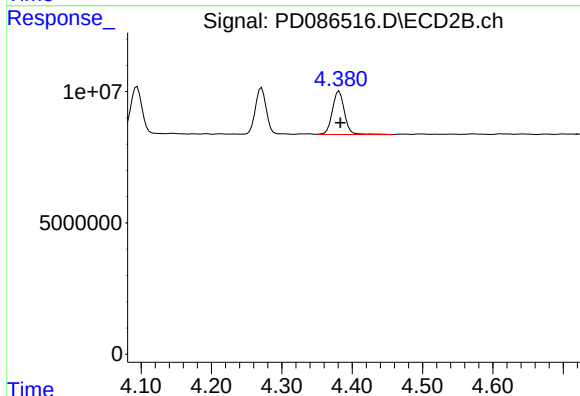
R.T.: 4.094 min
Delta R.T.: -0.002 min
Response: 20254527
Conc: 1.44 ng/ml



#5 Aldrin

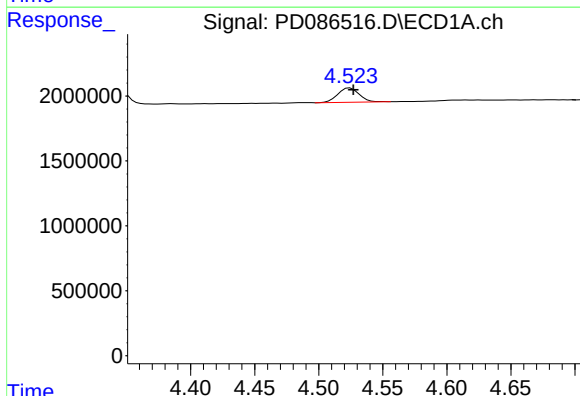
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 2713192
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



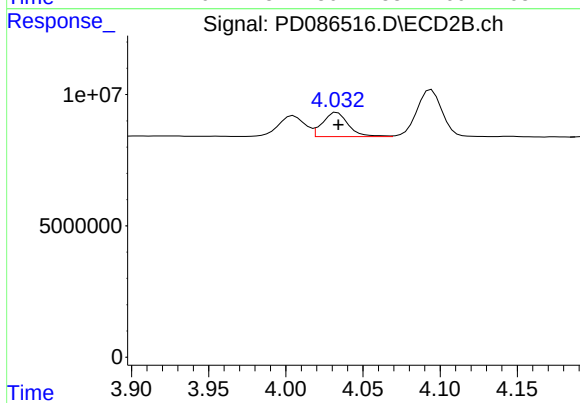
#5 Aldrin

R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 19799736
Conc: 1.36 ng/ml



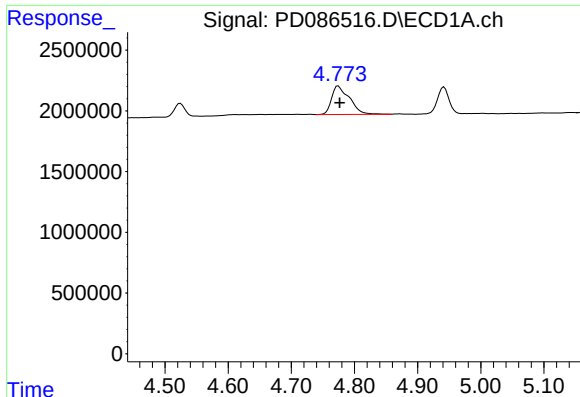
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 1277787
Conc: 1.12 ng/ml



#6 beta-BHC

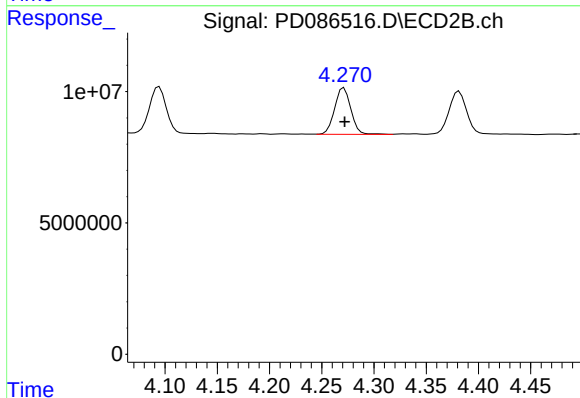
R.T.: 4.033 min
Delta R.T.: 0.000 min
Response: 10718761
Conc: 1.68 ng/ml



#7 delta-BHC

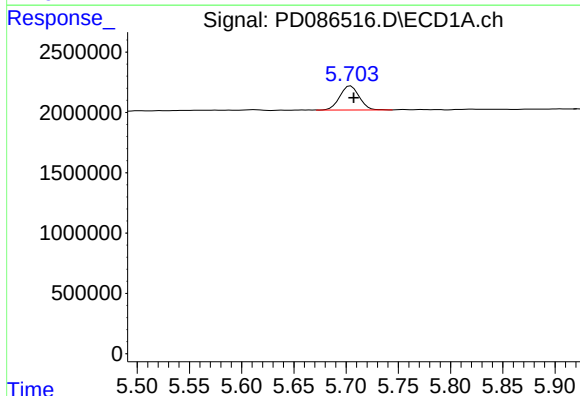
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 4645401
Conc: 1.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



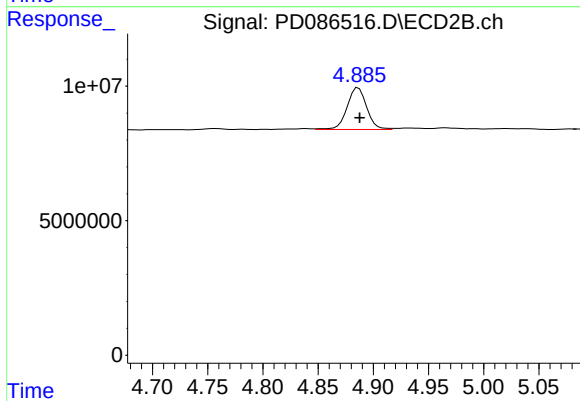
#7 delta-BHC

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 19108847
Conc: 1.29 ng/ml



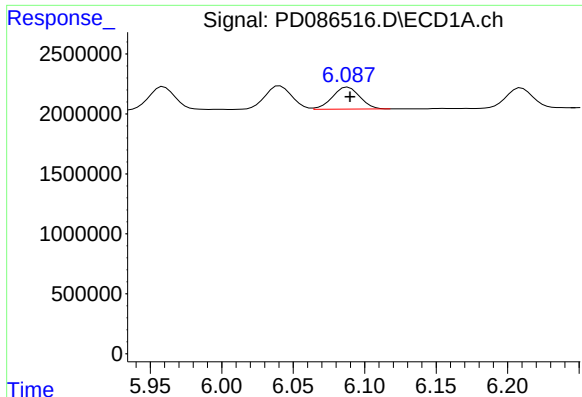
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: -0.003 min
Response: 2565183
Conc: 1.04 ng/ml



#8 Heptachlor epoxide

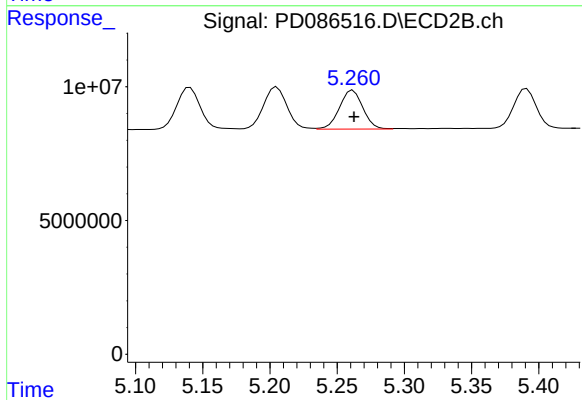
R.T.: 4.887 min
Delta R.T.: -0.001 min
Response: 19104840
Conc: 1.45 ng/ml



#9 Endosulfan I

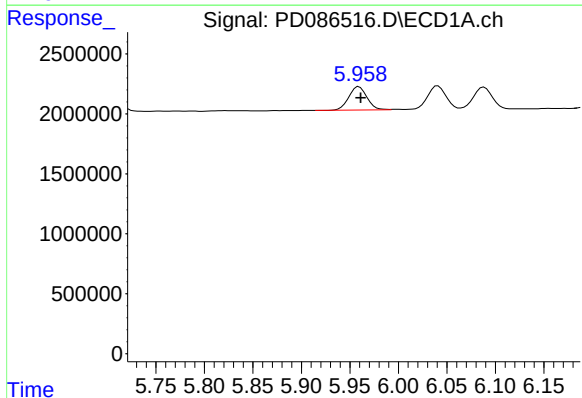
R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 2451424
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



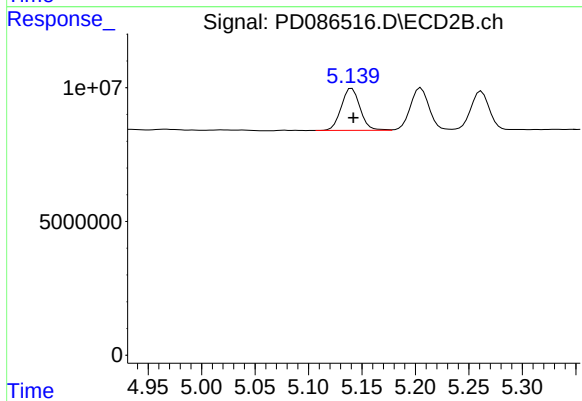
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 17505589
Conc: 1.41 ng/ml



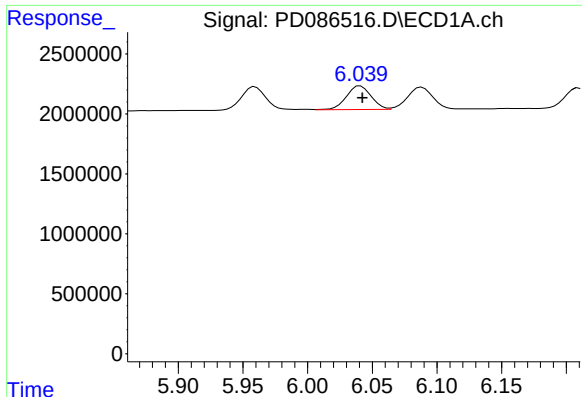
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 2557182
Conc: 1.06 ng/ml



#10 gamma-Chlordane

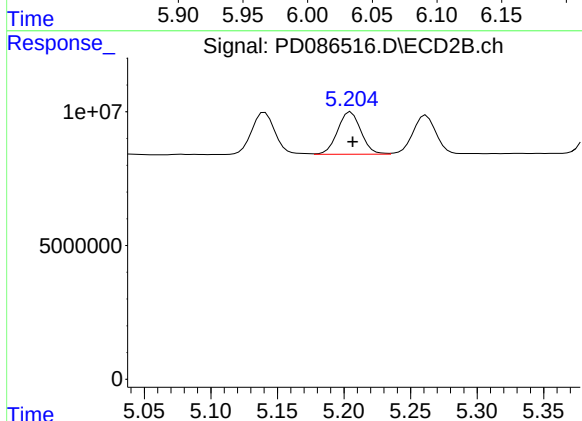
R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 19222914
Conc: 1.41 ng/ml



#11 alpha-Chlordane

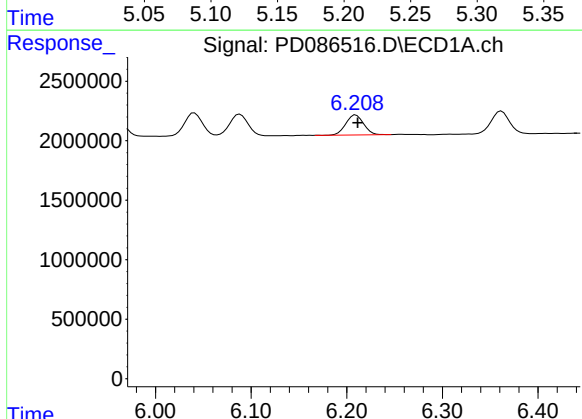
R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 2621042
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



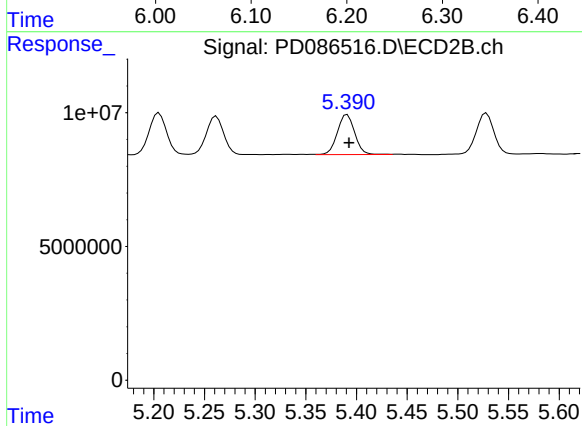
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 19323281
Conc: 1.44 ng/ml



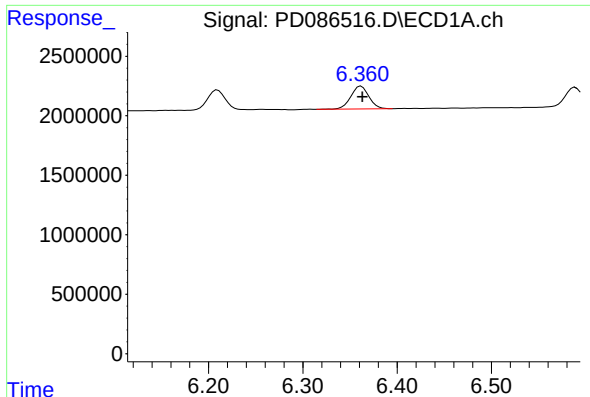
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 2195199
Conc: 0.98 ng/ml



#12 4,4'-DDE

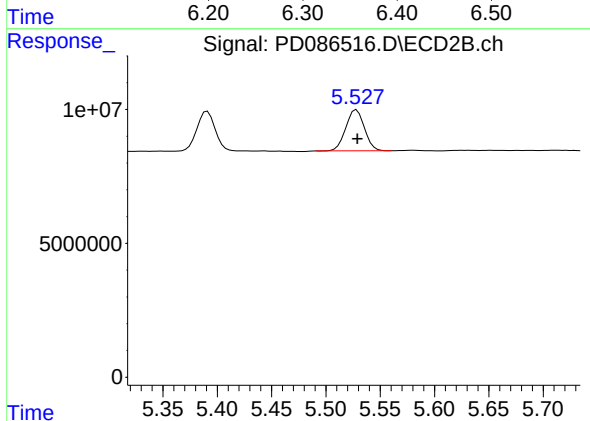
R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 17908797
Conc: 1.37 ng/ml



#13 Dieldrin

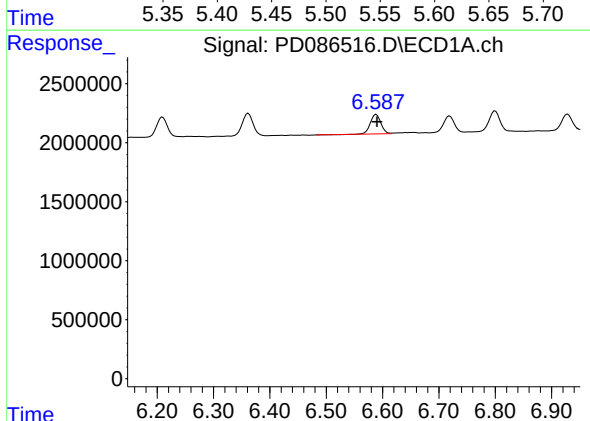
R.T.: 6.362 min
Delta R.T.: -0.001 min
Response: 2552477
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



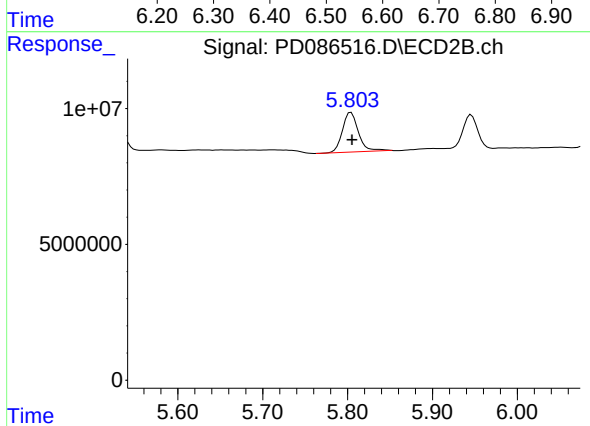
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 18344400
Conc: 1.35 ng/ml



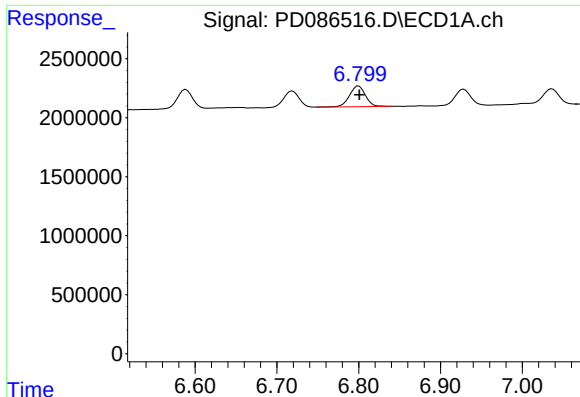
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 2132934
Conc: 0.99 ng/ml



#14 Endrin

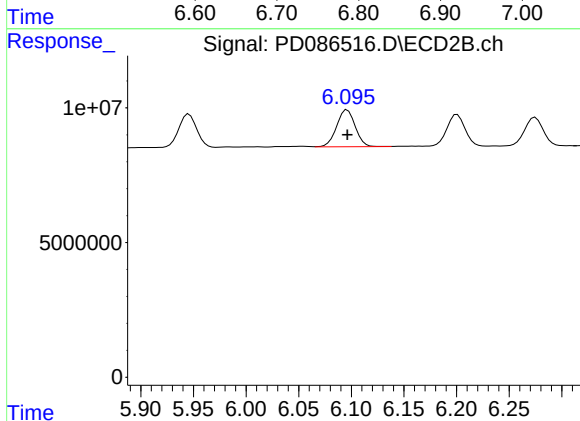
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 18932580
Conc: 1.54 ng/ml



#15 Endosulfan II

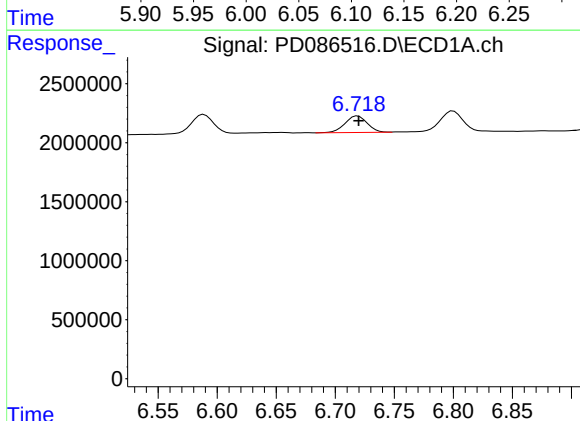
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 2407230
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



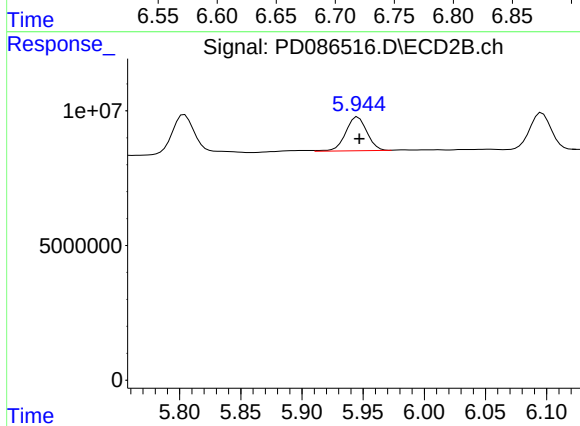
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 16947723
Conc: 1.41 ng/ml



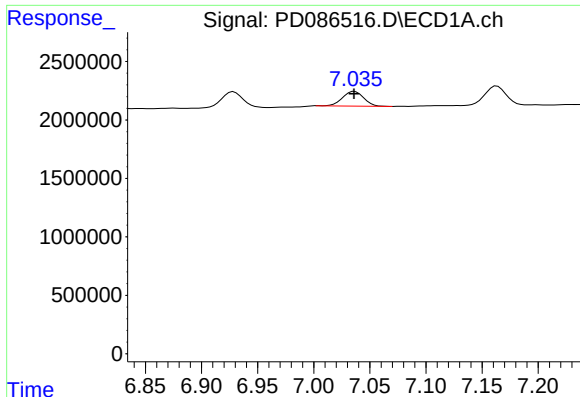
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 1848558
Conc: 1.02 ng/ml



#16 4,4'-DDD

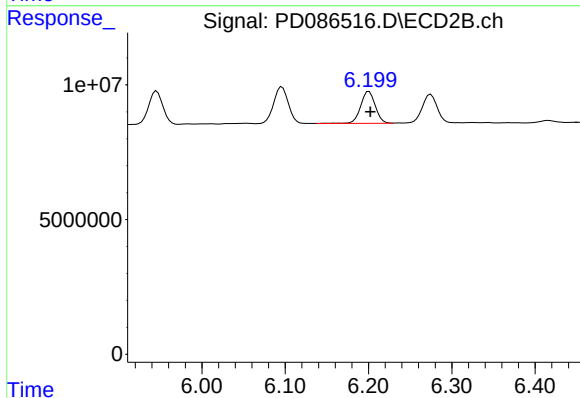
R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 15158711
Conc: 1.38 ng/ml



#17 4,4'-DDT

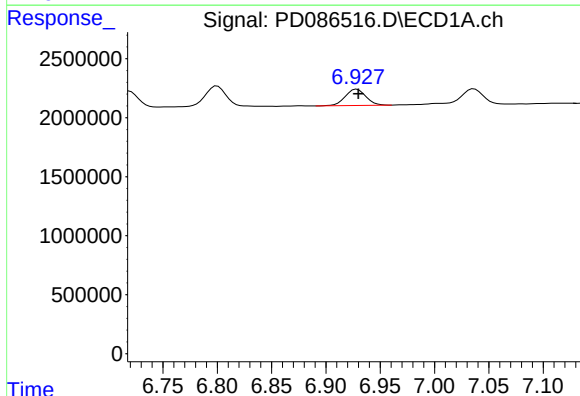
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 1639014
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



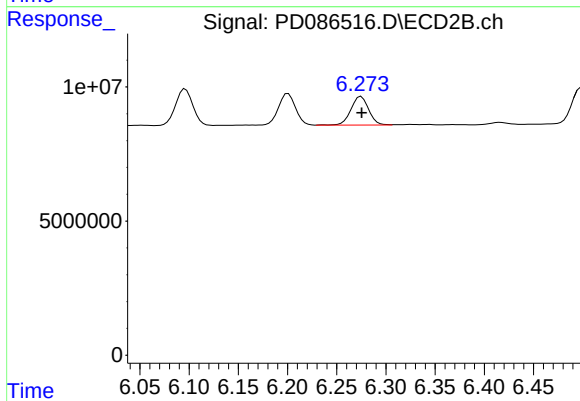
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 14614675
Conc: 1.26 ng/ml



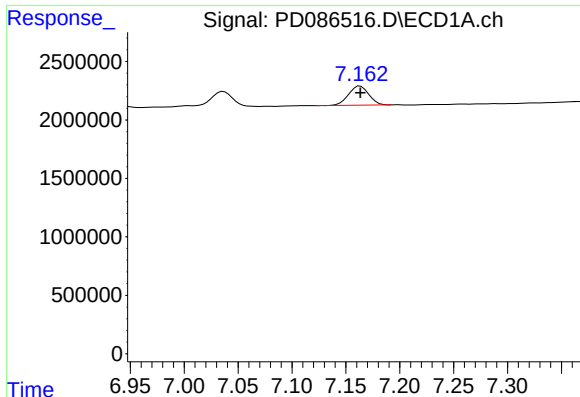
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 1832375
Conc: 1.11 ng/ml



#18 Endrin aldehyde

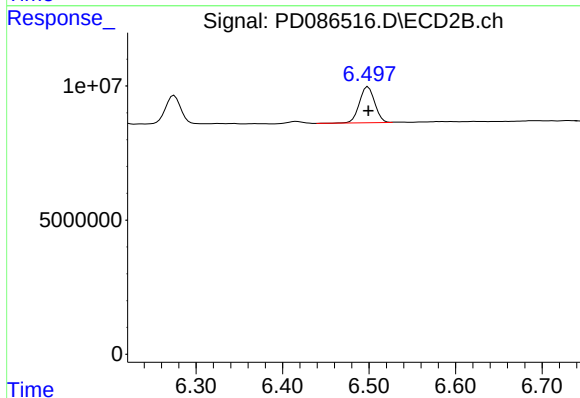
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 13380728
Conc: 1.43 ng/ml



#19 Endosulfan Sulfate

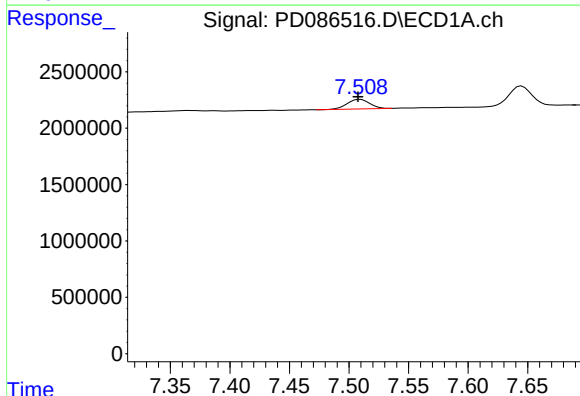
R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 2124035
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



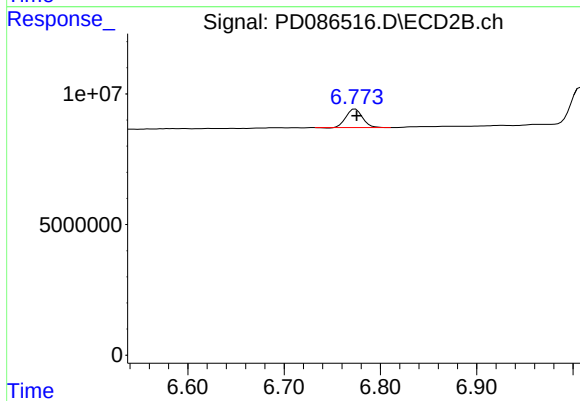
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 16613999
Conc: 1.44 ng/ml



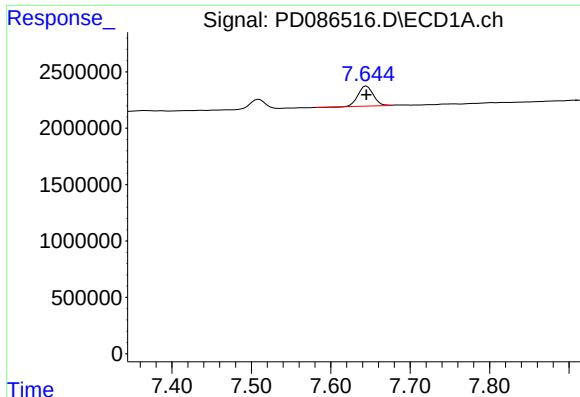
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.002 min
Response: 1122369
Conc: 1.04 ng/ml



#20 Methoxychlor

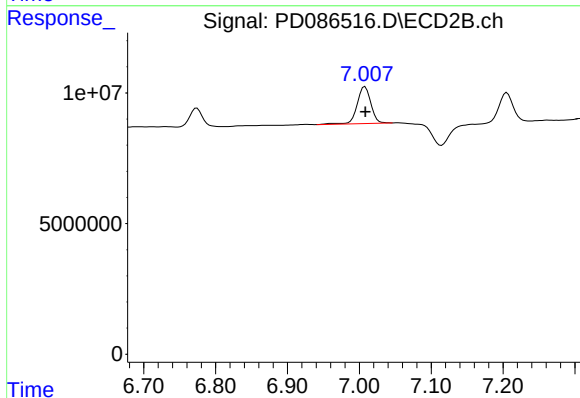
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 8467710
Conc: 1.34 ng/ml



#21 Endrin ketone

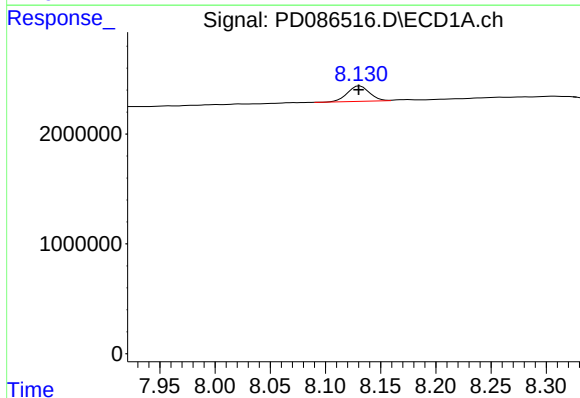
R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 2370222
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



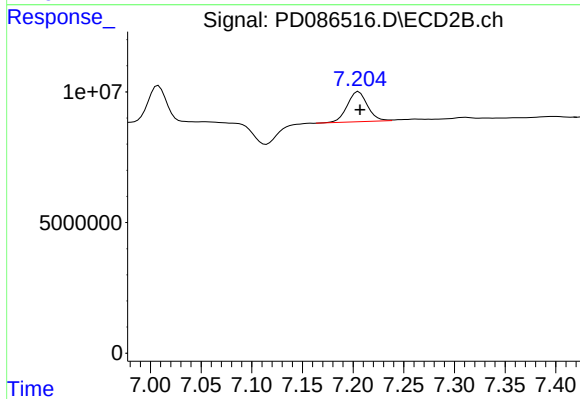
#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 18618542
Conc: 1.46 ng/ml



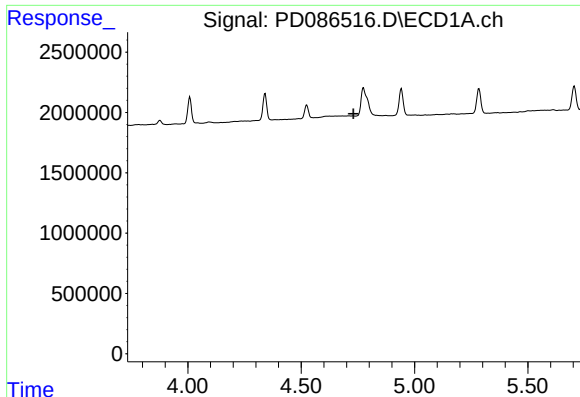
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 1938431
Conc: 1.17 ng/ml



#22 Mirex

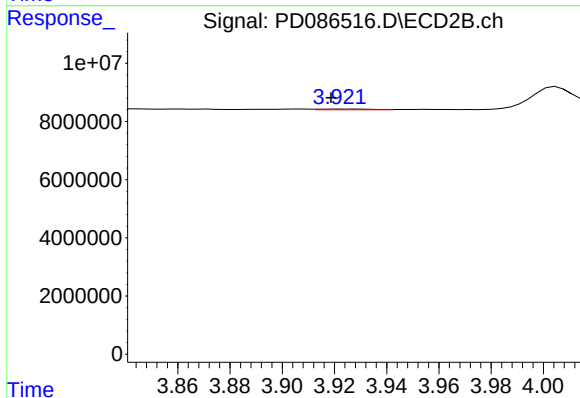
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 15945620
Conc: 1.53 ng/ml



#23 Chlordane-1

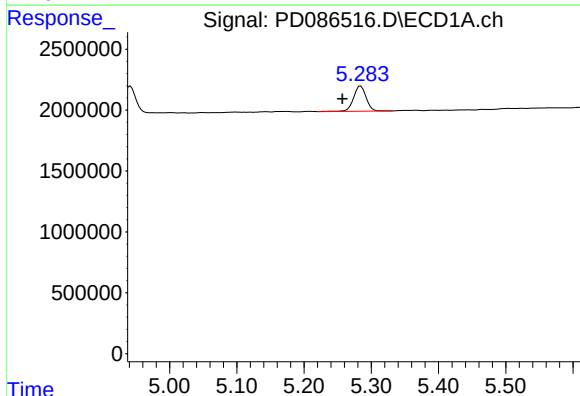
R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



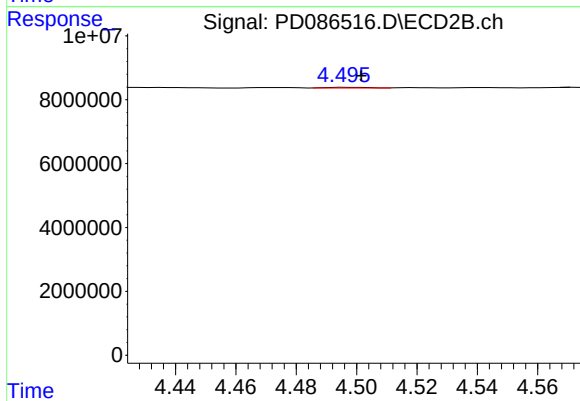
#23 Chlordane-1

R.T.: 3.923 min
Delta R.T.: 0.004 min
Response: 364277
Conc: 0.78 ng/ml



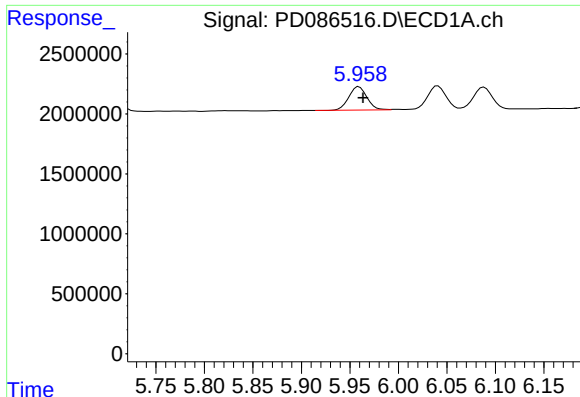
#24 Chlordane-2

R.T.: 5.284 min
Delta R.T.: 0.027 min
Response: 2713192
Conc: 27.77 ng/ml



#24 Chlordane-2

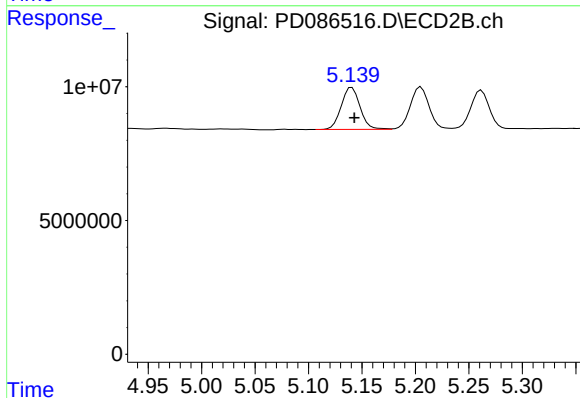
R.T.: 4.497 min
Delta R.T.: -0.005 min
Response: 241778
Conc: 0.49 ng/ml



#25 Chlordane-3

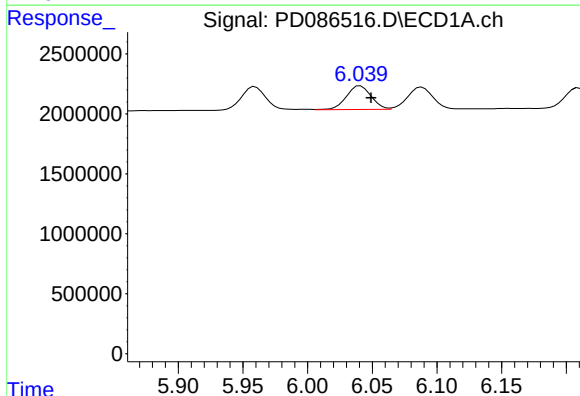
R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 2557182
Conc: 6.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



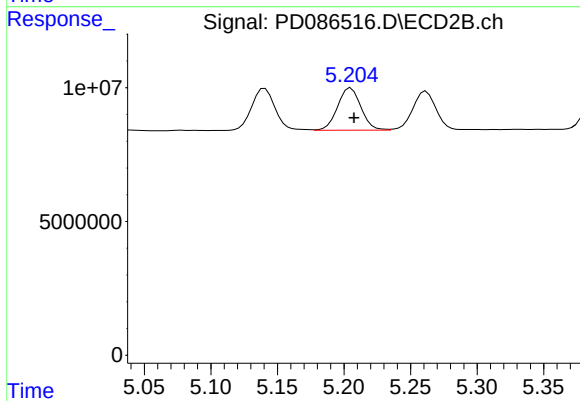
#25 Chlordane-3

R.T.: 5.141 min
Delta R.T.: -0.002 min
Response: 19222914
Conc: 12.91 ng/ml



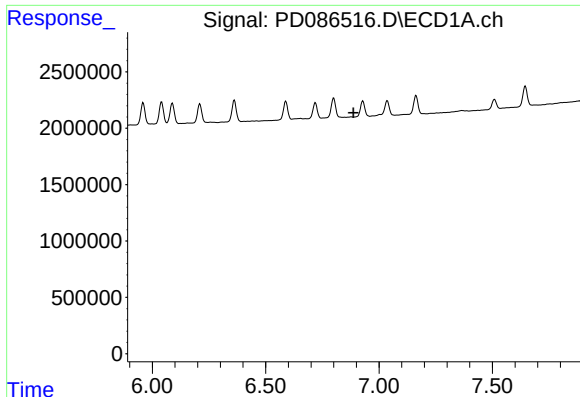
#26 Chlordane-4

R.T.: 6.041 min
Delta R.T.: -0.008 min
Response: 2621042
Conc: 5.71 ng/ml



#26 Chlordane-4

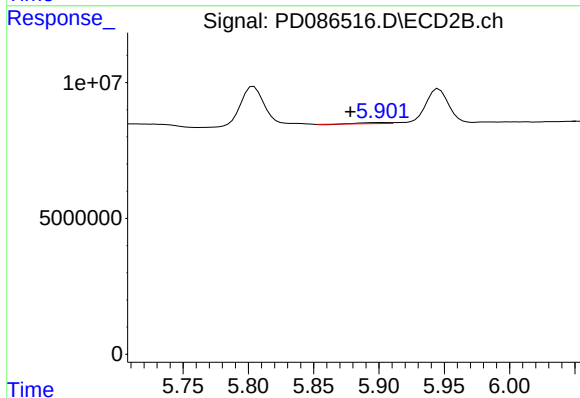
R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 19323281
Conc: 15.38 ng/ml



#27 Chlorine-5

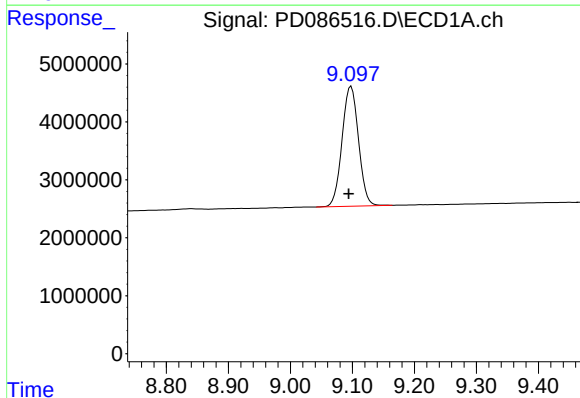
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



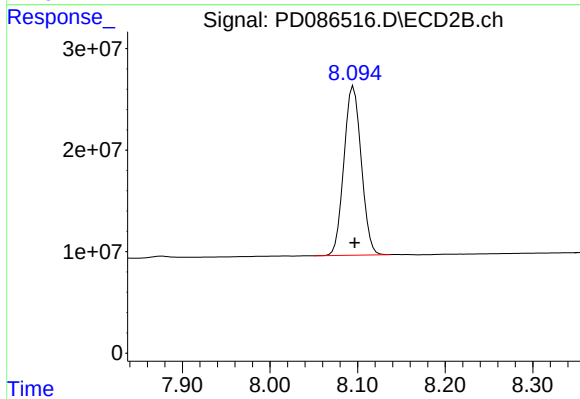
#27 Chlorine-5

R.T.: 5.903 min
Delta R.T.: 0.025 min
Response: 473830
Conc: 1.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.004 min
Response: 38040945
Conc: 19.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.095 min
Delta R.T.: -0.001 min
Response: 229400547
Conc: 21.42 ng/ml