

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
 Data File : PD080887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2024 11:58
 Operator : AR\AJ
 Sample : PP1187-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 21:40:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.572	2.793	32221948	55205084	22.698	23.078
2)	SA Decachlor...	9.119	7.935	48548848	66406805	24.124	24.931
Target Compounds							
2)	A alpha-BHC	4.029	3.295	2313171	4118568	0.931	1.073
3)	MA gamma-BHC...	4.363	3.625	2392837	4038308	0.978	1.080
4)	MA Heptachlor	4.956	3.966	3248973	3965097	1.317	1.150
5)	MB Aldrin	5.299	4.247	2421835	4310727	0.987	1.184
6)	B beta-BHC	4.557	3.920	1204215	1865336	1.190	1.194
7)	B delta-BHC	4.806	4.151	2991447	3867109	1.192	1.030
8)	B Heptachlo...	5.724	4.748	3544648	3691906	1.583	1.102 #
9)	A Endosulfan I	6.112	5.119	2524900	3554098	1.217	1.160
10)	B gamma-Chl...	5.981	4.998	2883236	3935035	1.317	1.203
11)	B alpha-Chl...	6.061	5.063	2713960	4026922	1.246	1.232
12)	B 4,4'-DDE	6.232	5.252	2569417	3423674	1.263	1.118
13)	MA Dieldrin	6.387	5.383	2849550	3950767	1.290	1.162
14)	MA Endrin	6.617	5.659	2022583	3628070	1.083	1.224
15)	B Endosulfa...	6.835	5.951	3315231	3547573	1.712	1.234 #
16)	A 4,4'-DDD	6.749	5.806	2833618	3312935	1.725	1.262 #
17)	MA 4,4'-DDT	7.064	6.057	2066203	3060254	1.160	1.153
18)	B Endrin al...	6.966	6.131	2005861	3513058	1.319	1.558
19)	B Endosulfa...	7.199	6.353	2627796	3710295	1.384	1.330
20)	A Methoxychlor	7.538	6.631	1345963	1936700	1.308	1.237
21)	B Endrin ke...	7.686	6.860	3402241	3932501	1.627	1.219 #
22)	Mirex	8.163	7.043	2773167	3749747	1.681	1.488
24)	Chlordane-2	0.000	4.349f	0	196701	N.D.	1.605 #
25)	Chlordane-3	5.981	4.998	2883236	3935035	9.130	11.725 #
26)	Chlordane-4	6.061	5.063	2713960	4026922	7.128	12.675 #
27)	Chlordane-5	0.000	5.951	0	3547573	N.D.	29.260 #

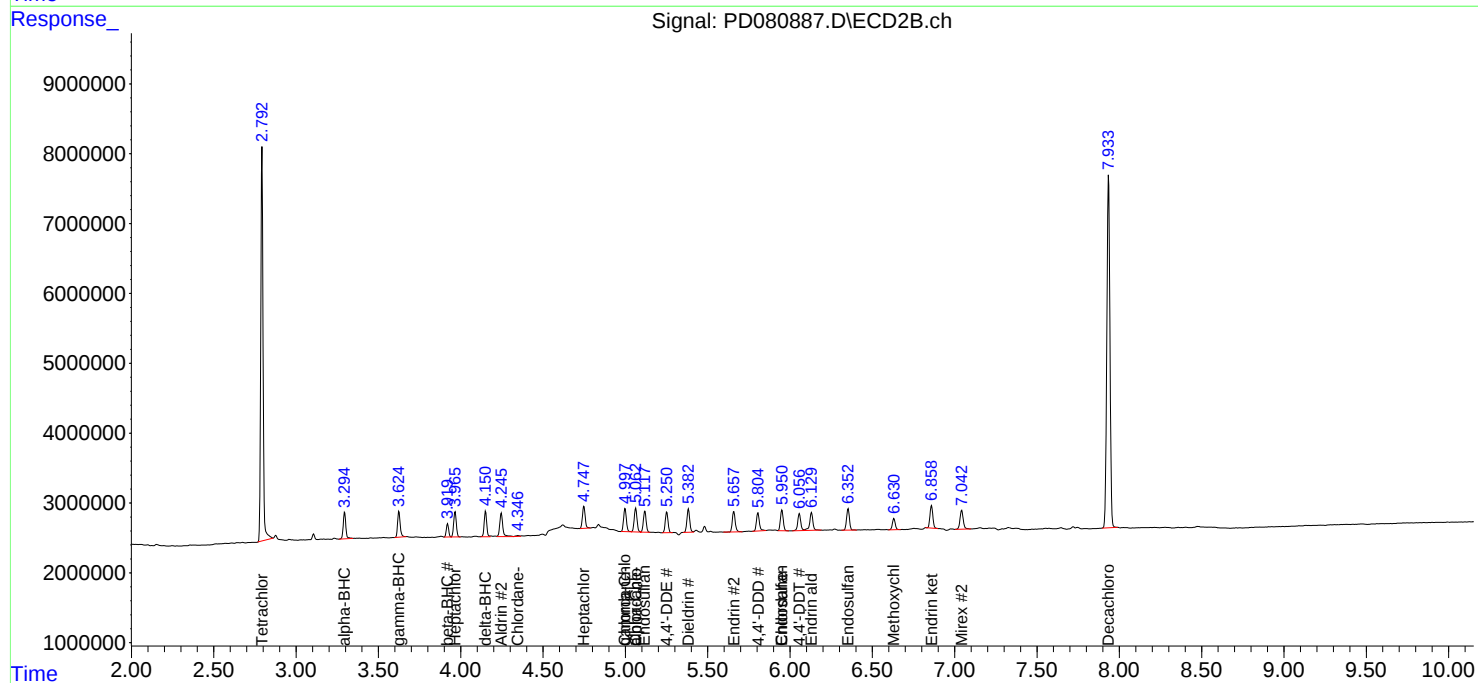
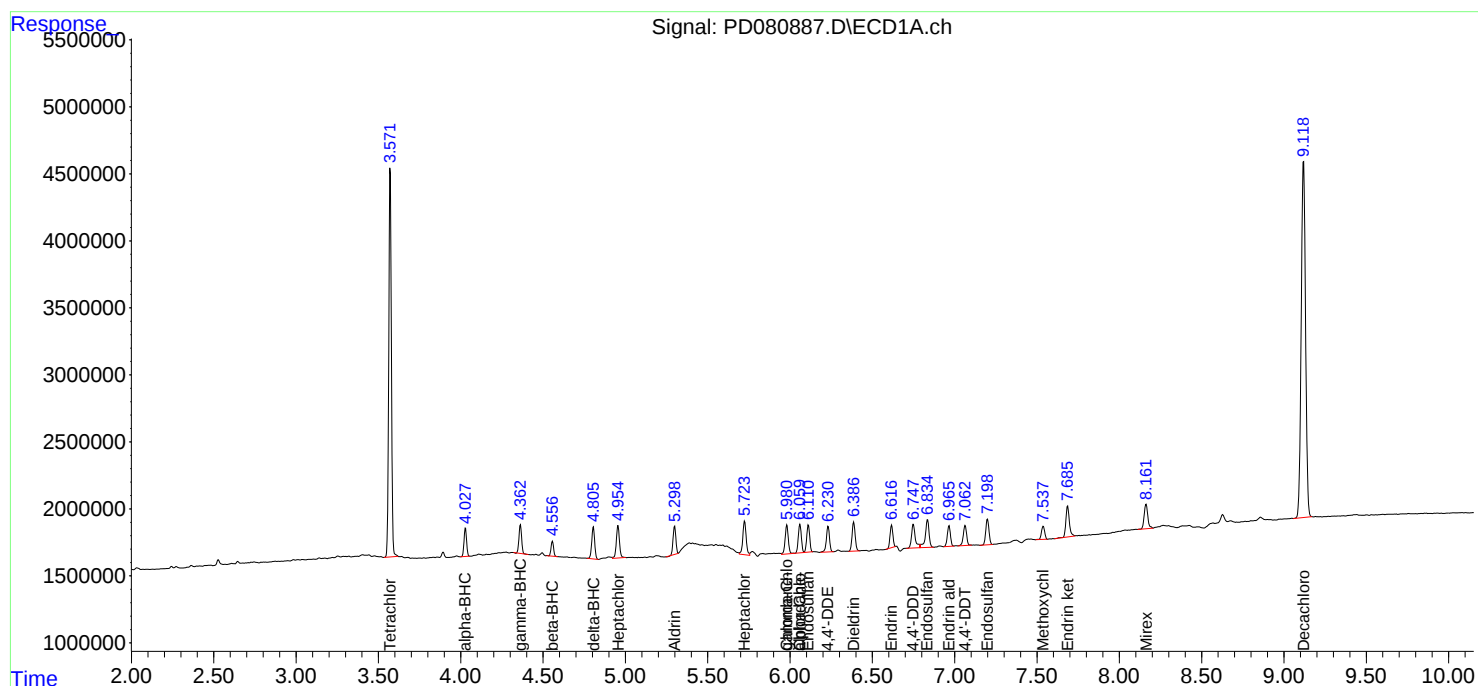
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

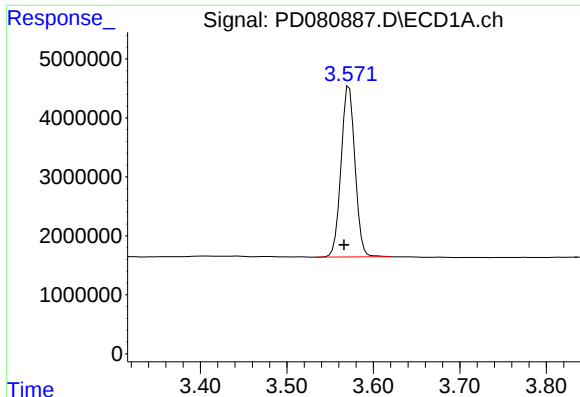
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
Data File : PD080887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 11:58
Operator : AR\AJ
Sample : PP1187-03
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 21:40:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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

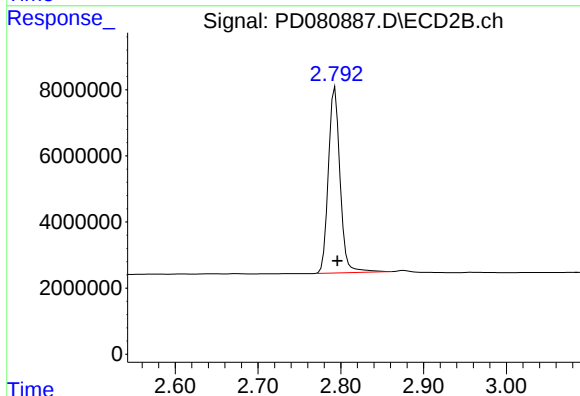




#1 Tetrachloro-m-xylene

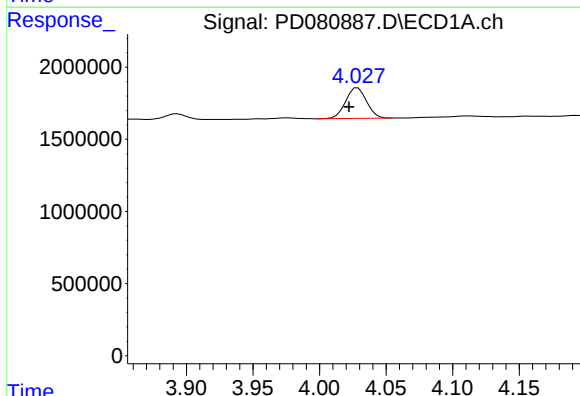
R.T.: 3.572 min
Delta R.T.: 0.006 min
Response: 32221948
Conc: 22.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



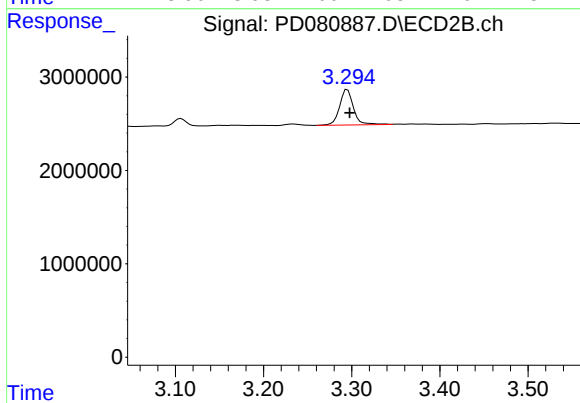
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 55205084
Conc: 23.08 ng/ml



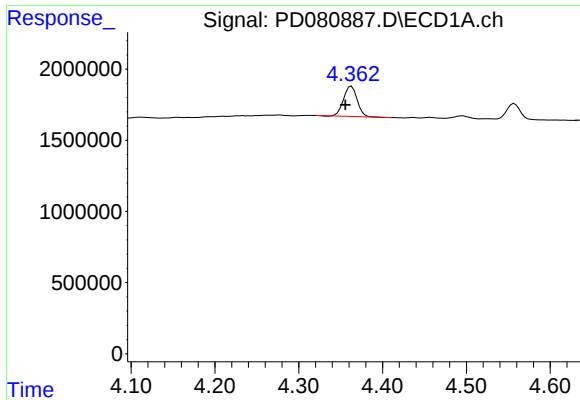
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.006 min
Response: 2313171
Conc: 0.93 ng/ml



#2 alpha-BHC

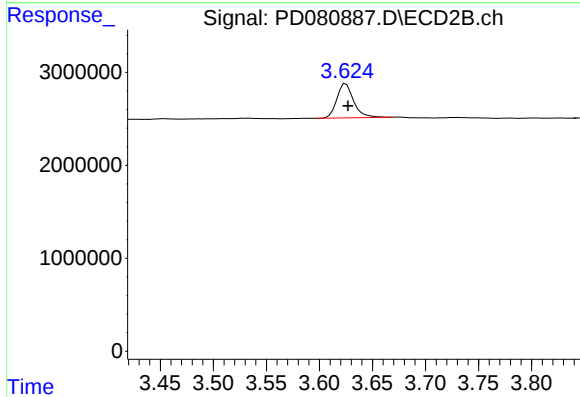
R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 4118568
Conc: 1.07 ng/ml



#3 gamma-BHC (Lindane)

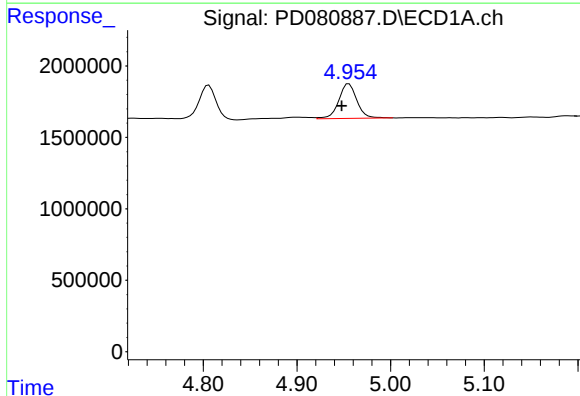
R.T.: 4.363 min
Delta R.T.: 0.007 min
Response: 2392837
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



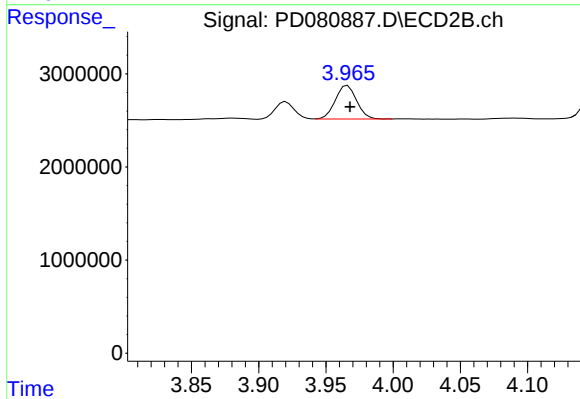
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 4038308
Conc: 1.08 ng/ml



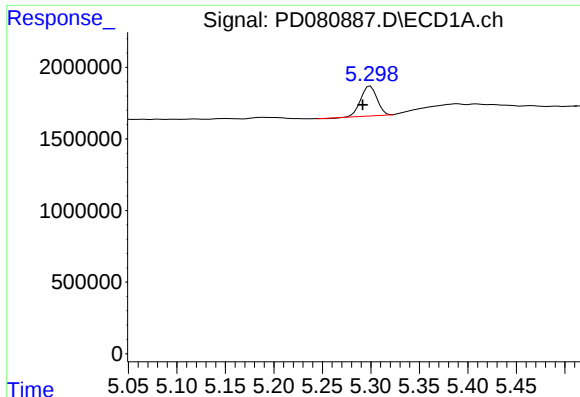
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.008 min
Response: 3248973
Conc: 1.32 ng/ml



#4 Heptachlor

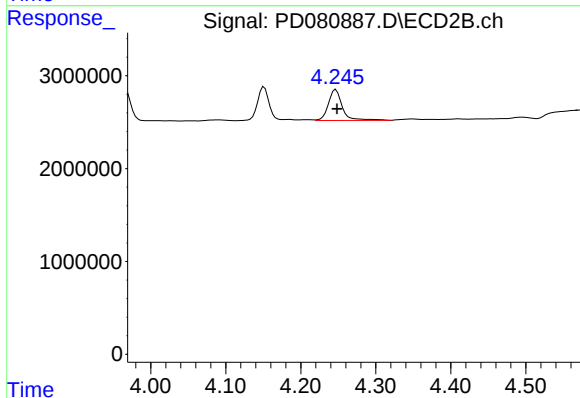
R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 3965097
Conc: 1.15 ng/ml



#5 Aldrin

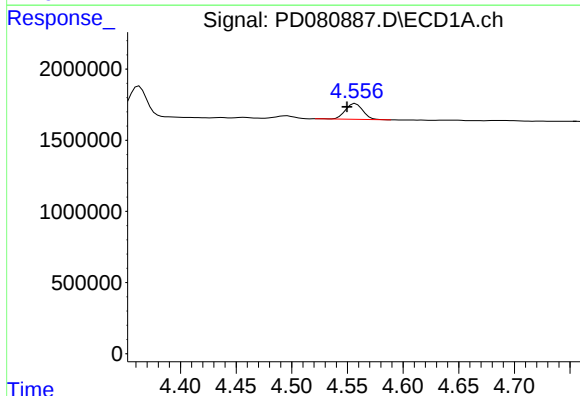
R.T.: 5.299 min
Delta R.T.: 0.008 min
Response: 2421835
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



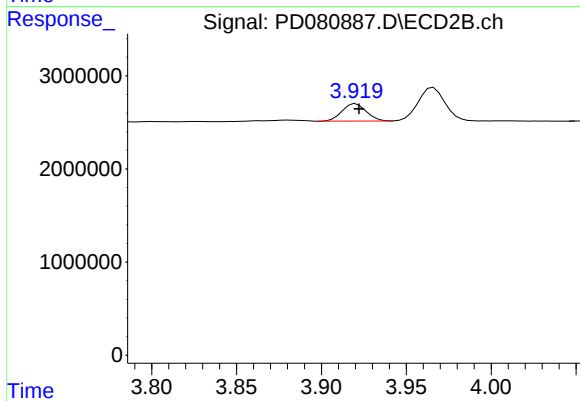
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.002 min
Response: 4310727
Conc: 1.18 ng/ml



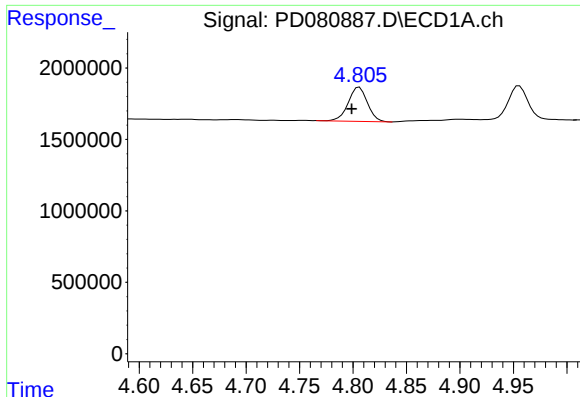
#6 beta-BHC

R.T.: 4.557 min
Delta R.T.: 0.008 min
Response: 1204215
Conc: 1.19 ng/ml



#6 beta-BHC

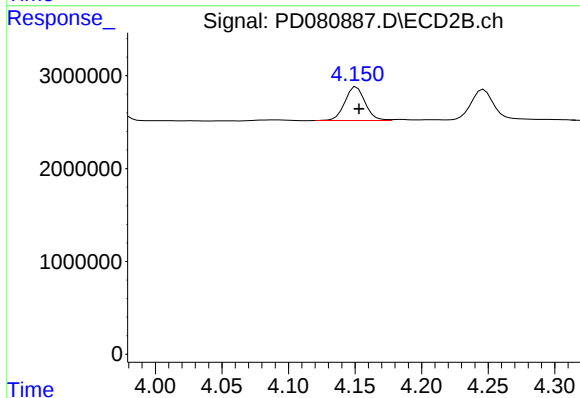
R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 1865336
Conc: 1.19 ng/ml



#7 delta-BHC

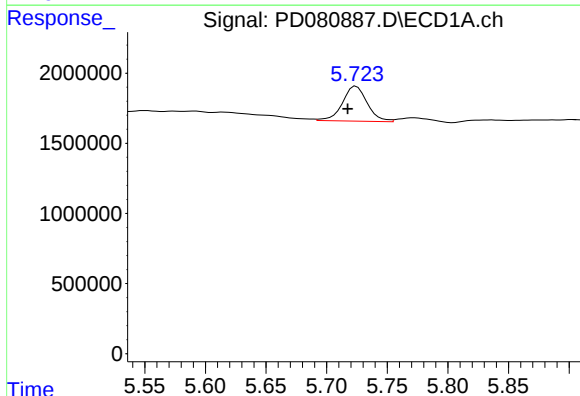
R.T.: 4.806 min
Delta R.T.: 0.007 min
Response: 2991447
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



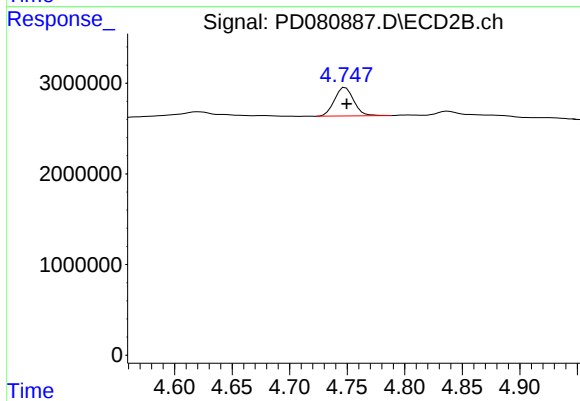
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 3867109
Conc: 1.03 ng/ml



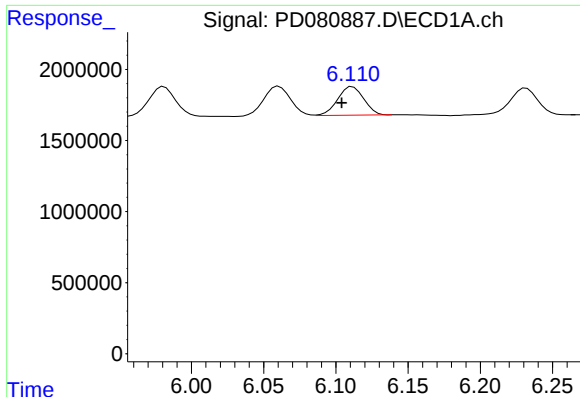
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.007 min
Response: 3544648
Conc: 1.58 ng/ml



#8 Heptachlor epoxide

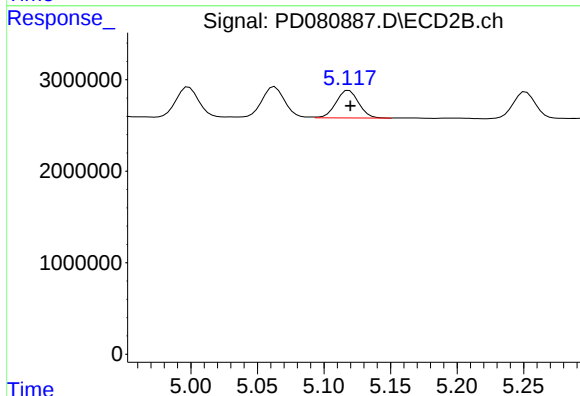
R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 3691906
Conc: 1.10 ng/ml



#9 Endosulfan I

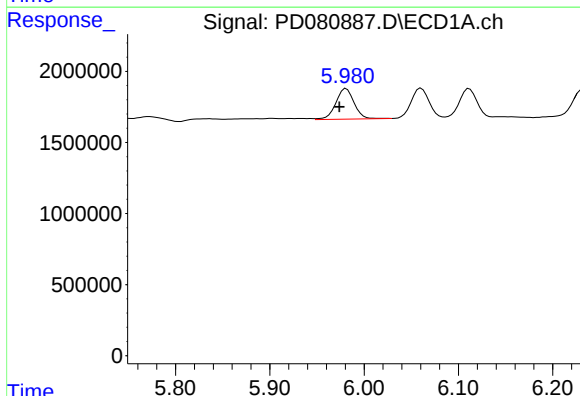
R.T.: 6.112 min
Delta R.T.: 0.007 min
Response: 2524900
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



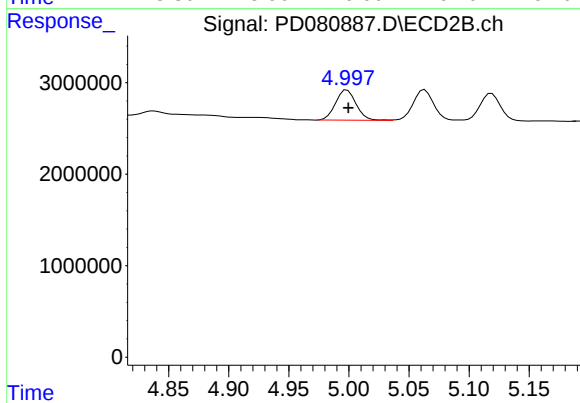
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 3554098
Conc: 1.16 ng/ml



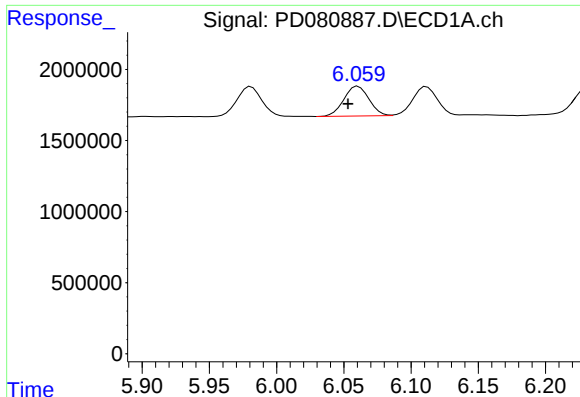
#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.007 min
Response: 2883236
Conc: 1.32 ng/ml



#10 gamma-Chlordane

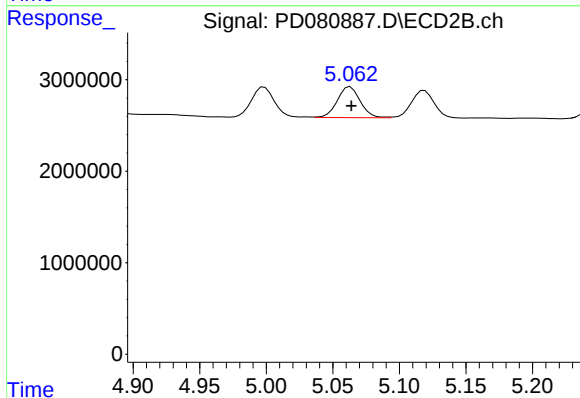
R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 3935035
Conc: 1.20 ng/ml



#11 alpha-Chlordane

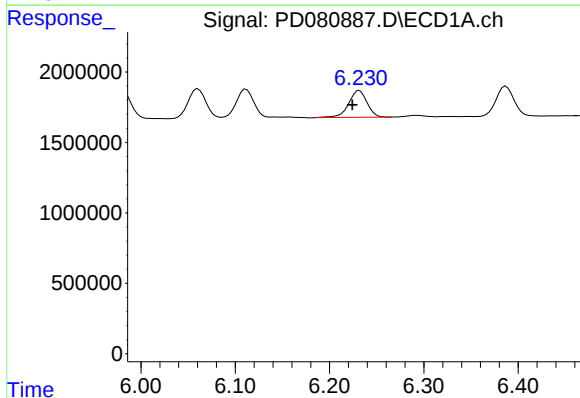
R.T.: 6.061 min
Delta R.T.: 0.007 min
Response: 2713960
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



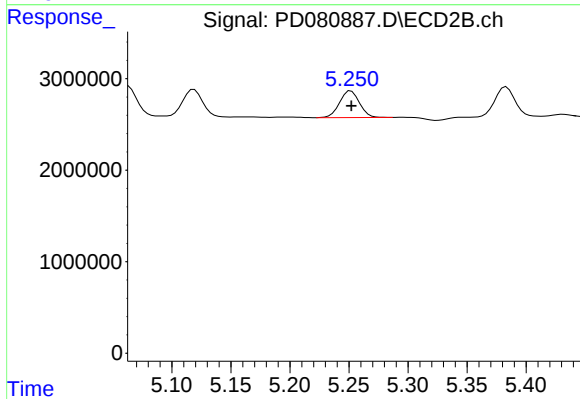
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 4026922
Conc: 1.23 ng/ml



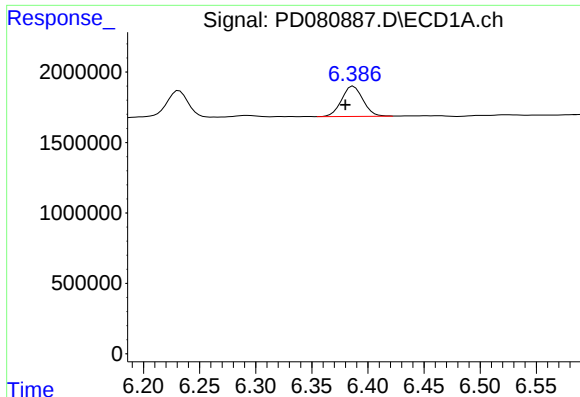
#12 4,4'-DDE

R.T.: 6.232 min
Delta R.T.: 0.008 min
Response: 2569417
Conc: 1.26 ng/ml



#12 4,4'-DDE

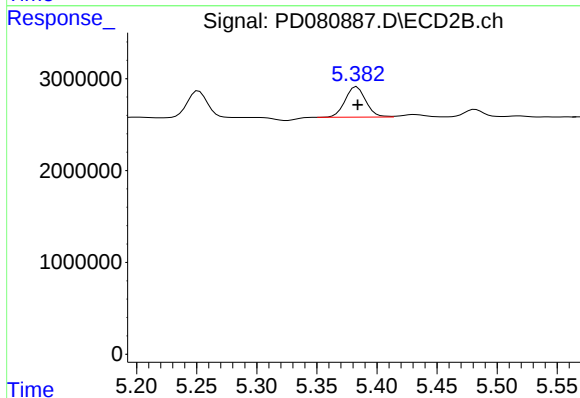
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 3423674
Conc: 1.12 ng/ml



#13 Dieldrin

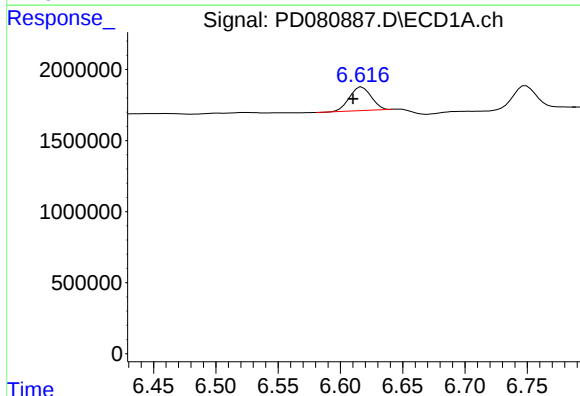
R.T.: 6.387 min
Delta R.T.: 0.007 min
Response: 2849550
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



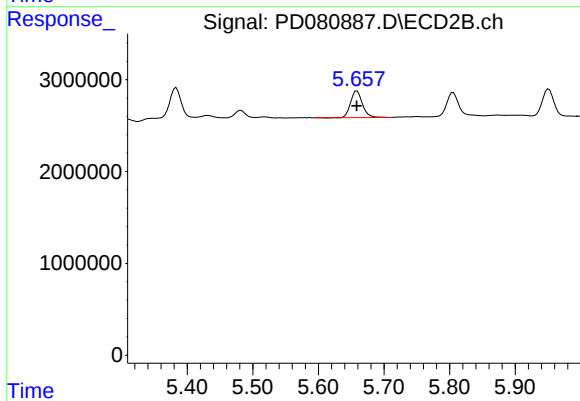
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 3950767
Conc: 1.16 ng/ml



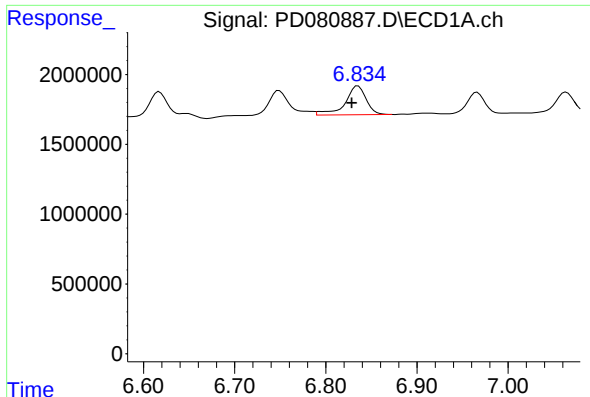
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 2022583
Conc: 1.08 ng/ml



#14 Endrin

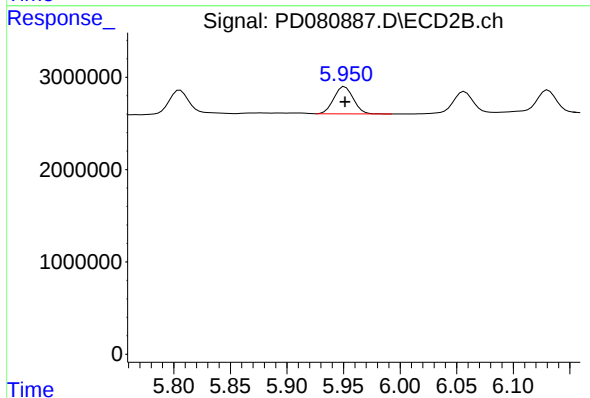
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3628070
Conc: 1.22 ng/ml



#15 Endosulfan II

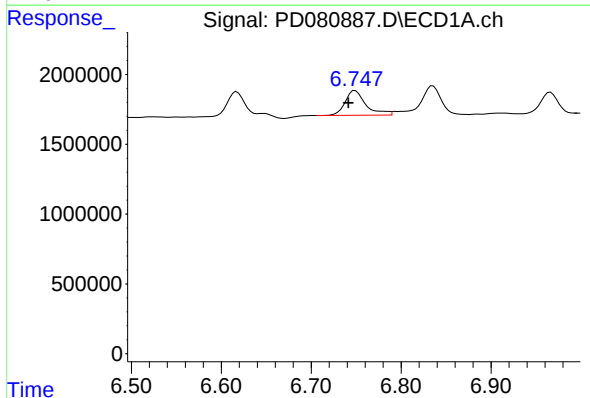
R.T.: 6.835 min
Delta R.T.: 0.007 min
Response: 3315231
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



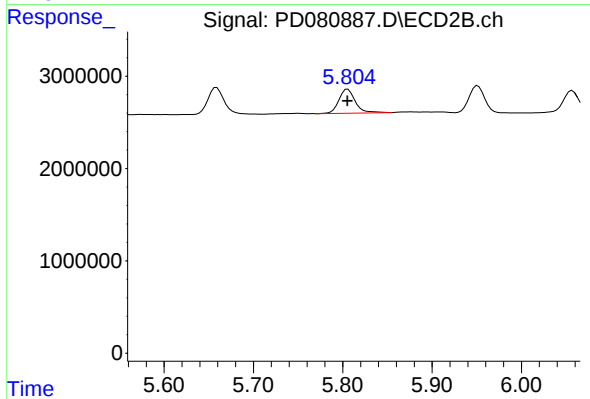
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 3547573
Conc: 1.23 ng/ml



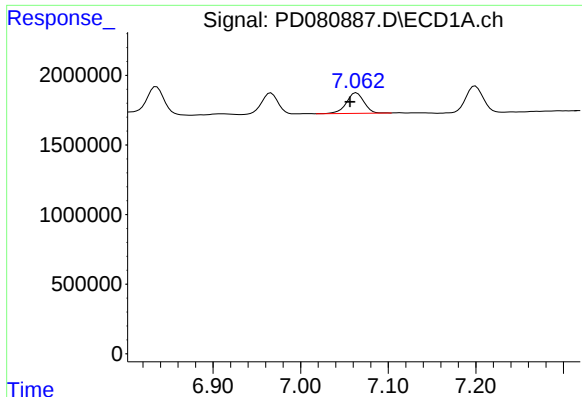
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.008 min
Response: 2833618
Conc: 1.72 ng/ml



#16 4,4'-DDD

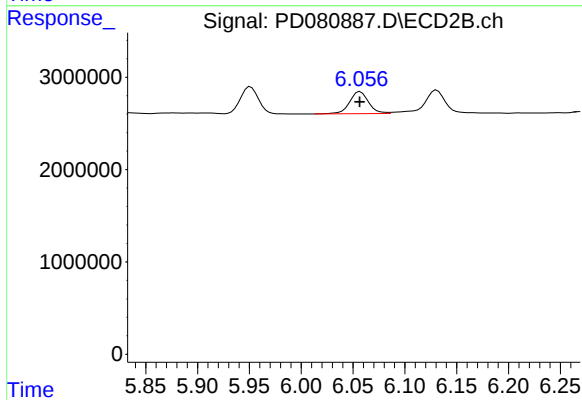
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 3312935
Conc: 1.26 ng/ml



#17 4,4'-DDT

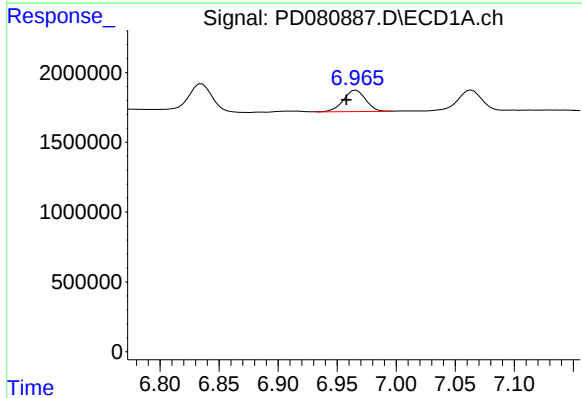
R.T.: 7.064 min
Delta R.T.: 0.007 min
Response: 2066203
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



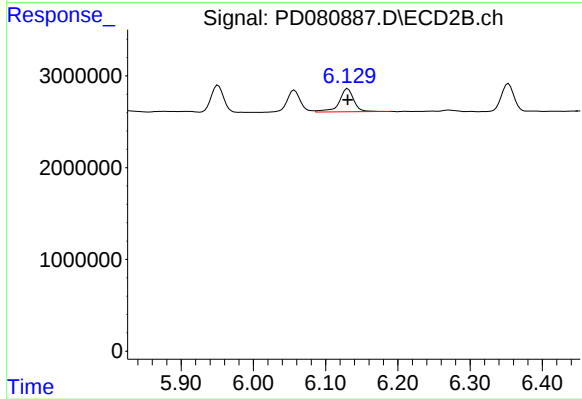
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 3060254
Conc: 1.15 ng/ml



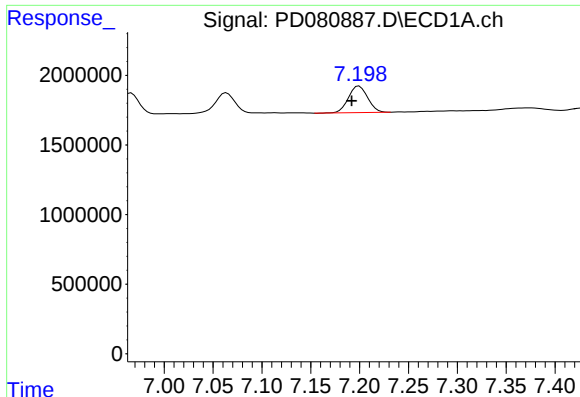
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.008 min
Response: 2005861
Conc: 1.32 ng/ml



#18 Endrin aldehyde

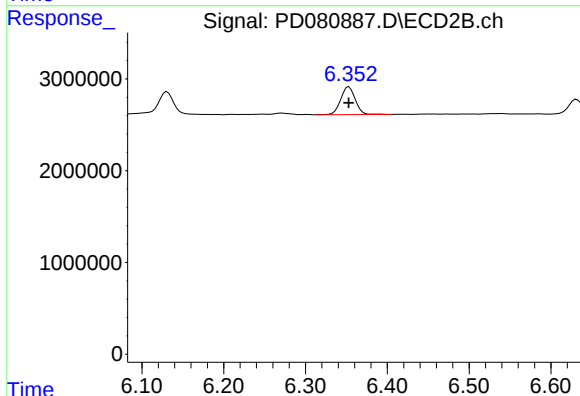
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 3513058
Conc: 1.56 ng/ml



#19 Endosulfan Sulfate

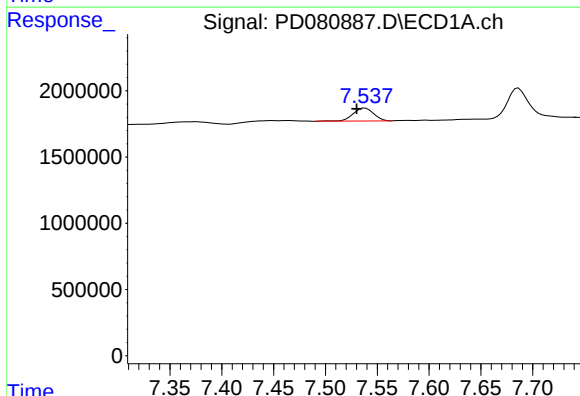
R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 2627796
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



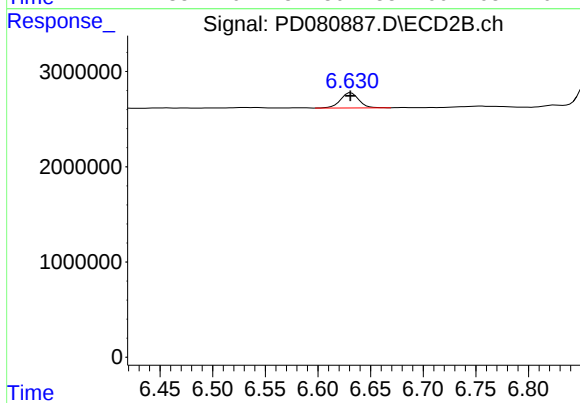
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3710295
Conc: 1.33 ng/ml



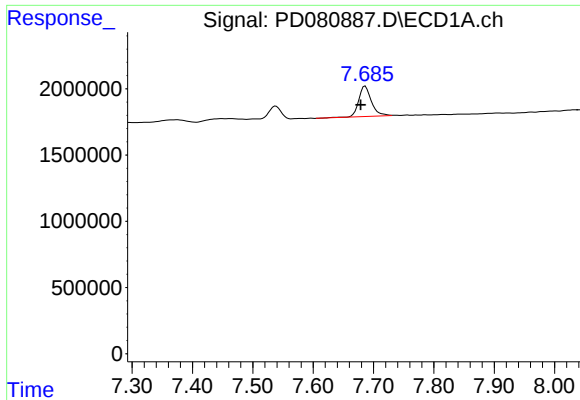
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.008 min
Response: 1345963
Conc: 1.31 ng/ml



#20 Methoxychlor

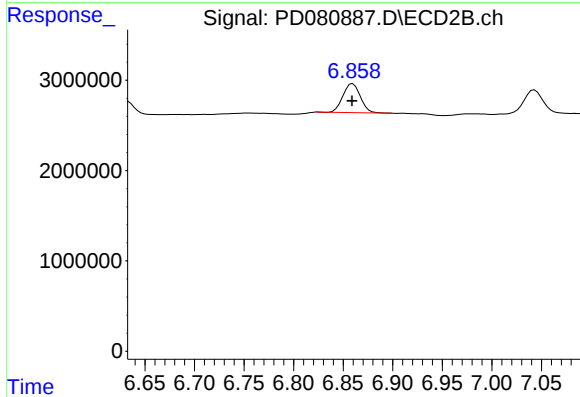
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 1936700
Conc: 1.24 ng/ml



#21 Endrin ketone

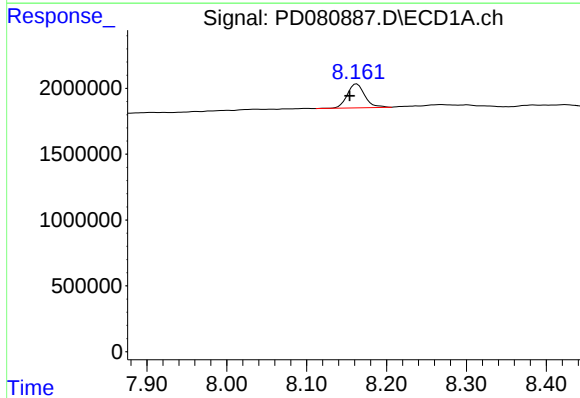
R.T.: 7.686 min
Delta R.T.: 0.008 min
Response: 3402241
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



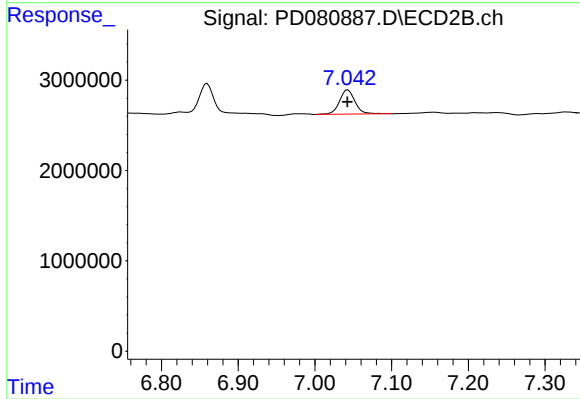
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 3932501
Conc: 1.22 ng/ml



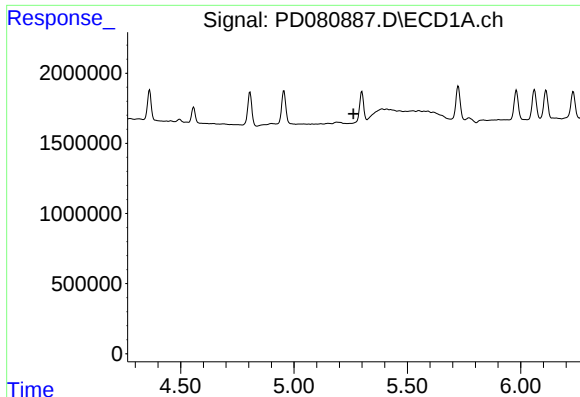
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.009 min
Response: 2773167
Conc: 1.68 ng/ml



#22 Mirex

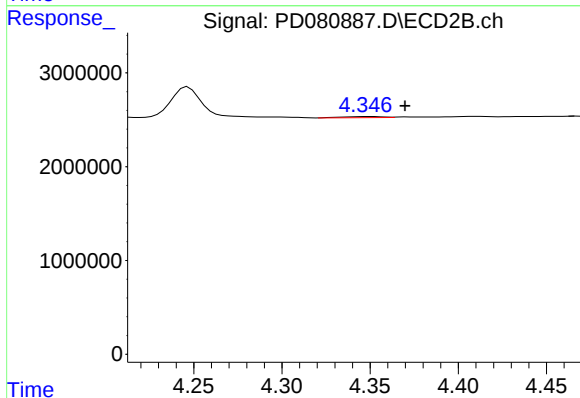
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 3749747
Conc: 1.49 ng/ml



#24 Chlordane-2

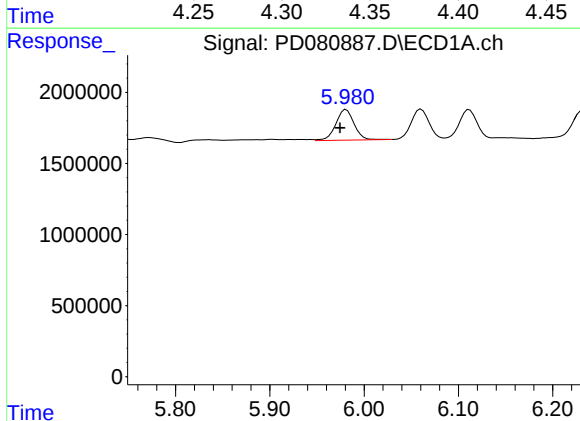
R.T.: 0.000 min
Exp R.T.: 5.263 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



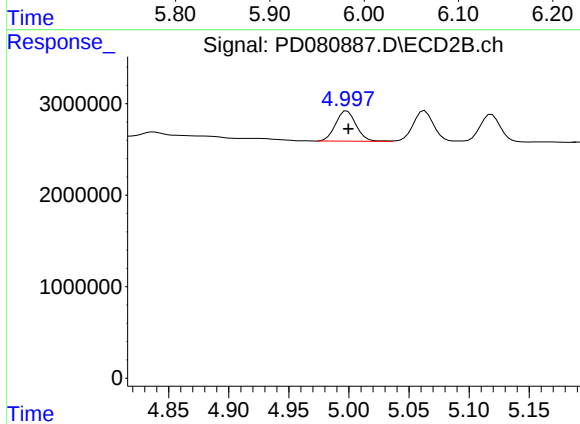
#24 Chlordane-2

R.T.: 4.349 min
Delta R.T.: -0.021 min
Response: 196701
Conc: 1.60 ng/ml



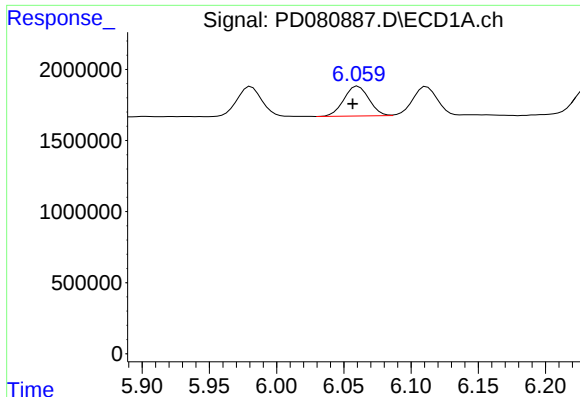
#25 Chlordane-3

R.T.: 5.981 min
Delta R.T.: 0.007 min
Response: 2883236
Conc: 9.13 ng/ml



#25 Chlordane-3

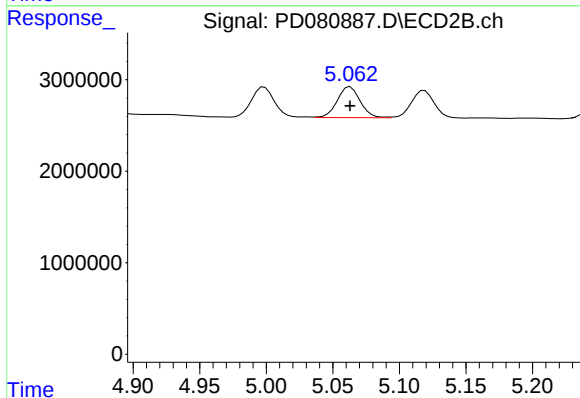
R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 3935035
Conc: 11.72 ng/ml



#26 Chlordane-4

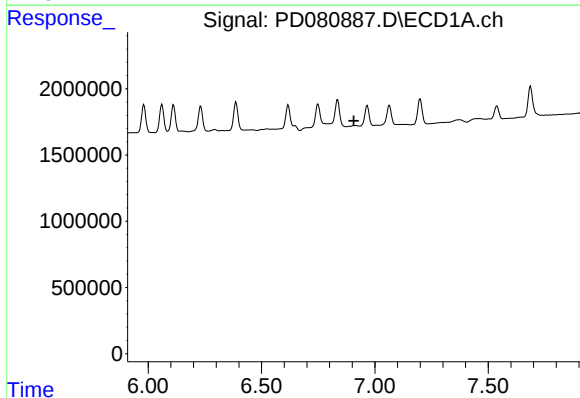
R.T.: 6.061 min
Delta R.T.: 0.004 min
Response: 2713960
Conc: 7.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



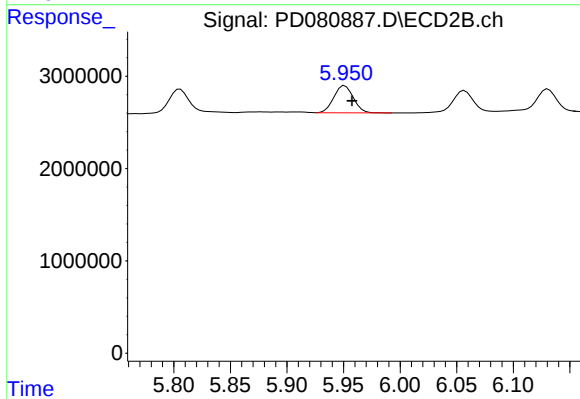
#26 Chlordane-4

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 4026922
Conc: 12.68 ng/ml



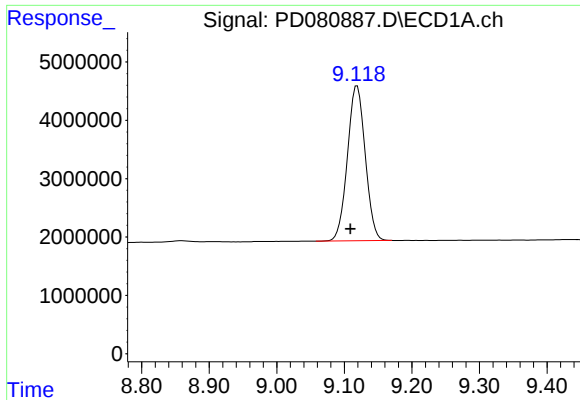
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#27 Chlordane-5

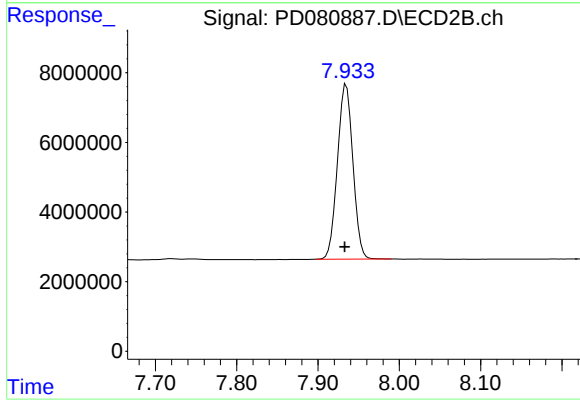
R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 3547573
Conc: 29.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.010 min
Response: 48548848
Conc: 24.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 66406805
Conc: 24.93 ng/ml