

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 13:31
 Operator : AR\AJ
 Sample : P4368-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 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 01:39:44 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...	3.560	2.887	28216048	213.6E6	19.316	21.604
28)	SA Decachlor...	9.098	8.095	41326051	250.5E6	21.556	23.383
Target Compounds							
2)	A alpha-BHC	4.010	3.402	7152495	52438782	2.496	3.456 #
3)	MA gamma-BHC...	4.341	3.739	7235486	49438155	2.525	3.381 #
4)	MA Heptachlor	4.942	4.095	7607319	51735419	2.781	3.672 #
5)	MB Aldrin	5.284	4.382	7299108	50532338	2.656	3.467 #
6)	B beta-BHC	4.525	4.035	3613107	25215830	3.161	3.955 #
7)	B delta-BHC	4.774	4.272	9069658	50057349	3.069	3.367
8)	B Heptachlo...	5.705	4.887	6334774	51212610	2.572	3.885 #
9)	A Endosulfan I	6.089	5.262	6735303	45739031	2.934	3.682 #
10)	B gamma-Chl...	5.960	5.141	6947344	49262664	2.886	3.619 #
11)	B alpha-Chl...	6.041	5.206	7333269	48946643	3.030	3.658
12)	B 4,4'-DDE	6.211	5.391	6060321	48093601	2.711	3.675 #
13)	MA Dieldrin	6.362	5.529	7001737	47625321	2.813	3.493
14)	MA Endrin	6.590	5.805	6100512	46196494	2.830	3.765 #
15)	B Endosulfa...	6.801	6.096	6618505	44288956	3.062	3.689
16)	A 4,4'-DDD	6.720	5.946	5160605	38496405	2.856	3.496
17)	MA 4,4'-DDT	7.037	6.201	4679713	39839256	2.556	3.435 #
18)	B Endrin al...	6.930	6.275	5212011	35761929	3.152	3.814
19)	B Endosulfa...	7.165	6.499	5914770	43204544	2.944	3.733 #
20)	A Methoxychlor	7.510	6.774	3238704	23745959	2.995	3.758 #
21)	B Endrin ke...	7.646	7.008	6596162	48849126	2.907	3.841 #
22)	Mirex	8.132	7.206	5178708	38299508	3.128	3.686
23)	Chlordane-1	0.000	3.911	0	1086105	N.D.	2.336 #
24)	Chlordane-2	5.284f	4.522f	7299108	425399	74.721	0.859 #
25)	Chlordane-3	5.960	5.141	6947344	49262664	18.364	33.087 #
26)	Chlordane-4	6.041	5.206	7333269	48946643	15.962	38.965 #
27)	Chlordane-5	0.000	5.871	0	531096	N.D.	1.301 #

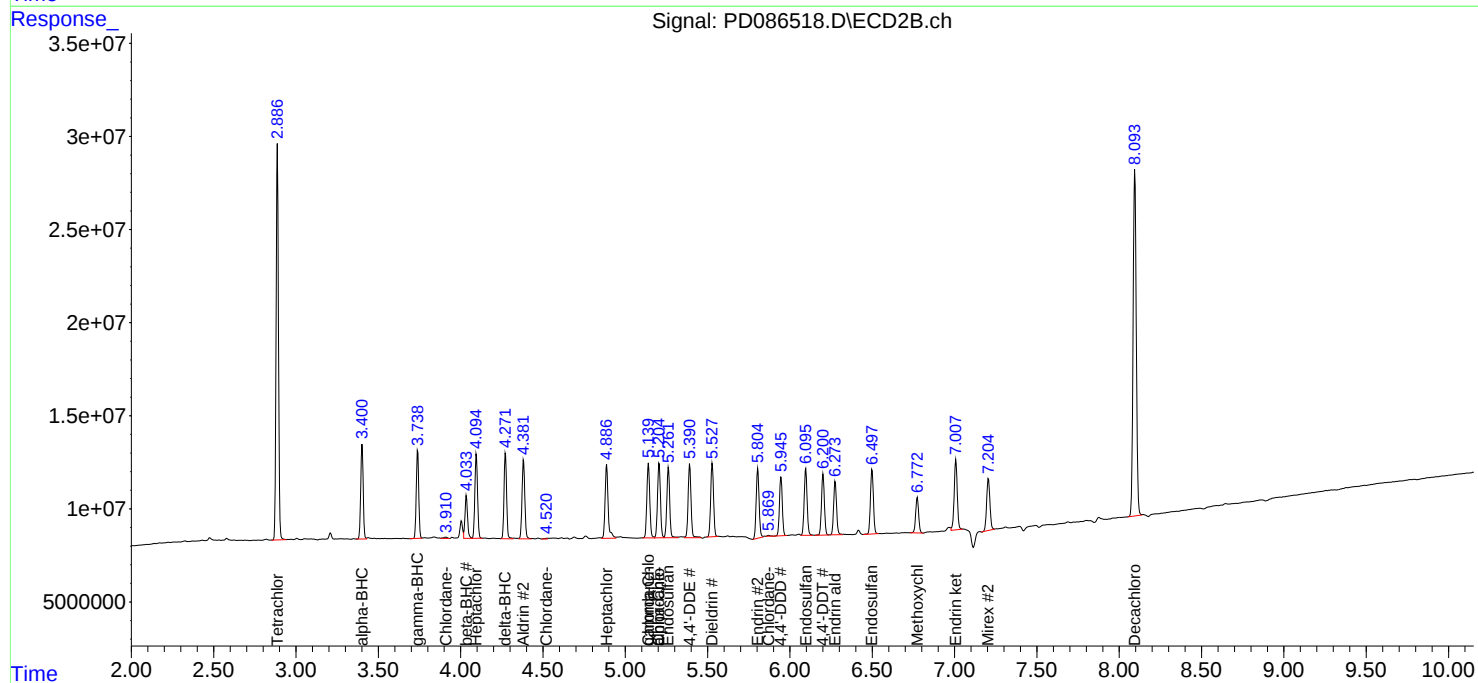
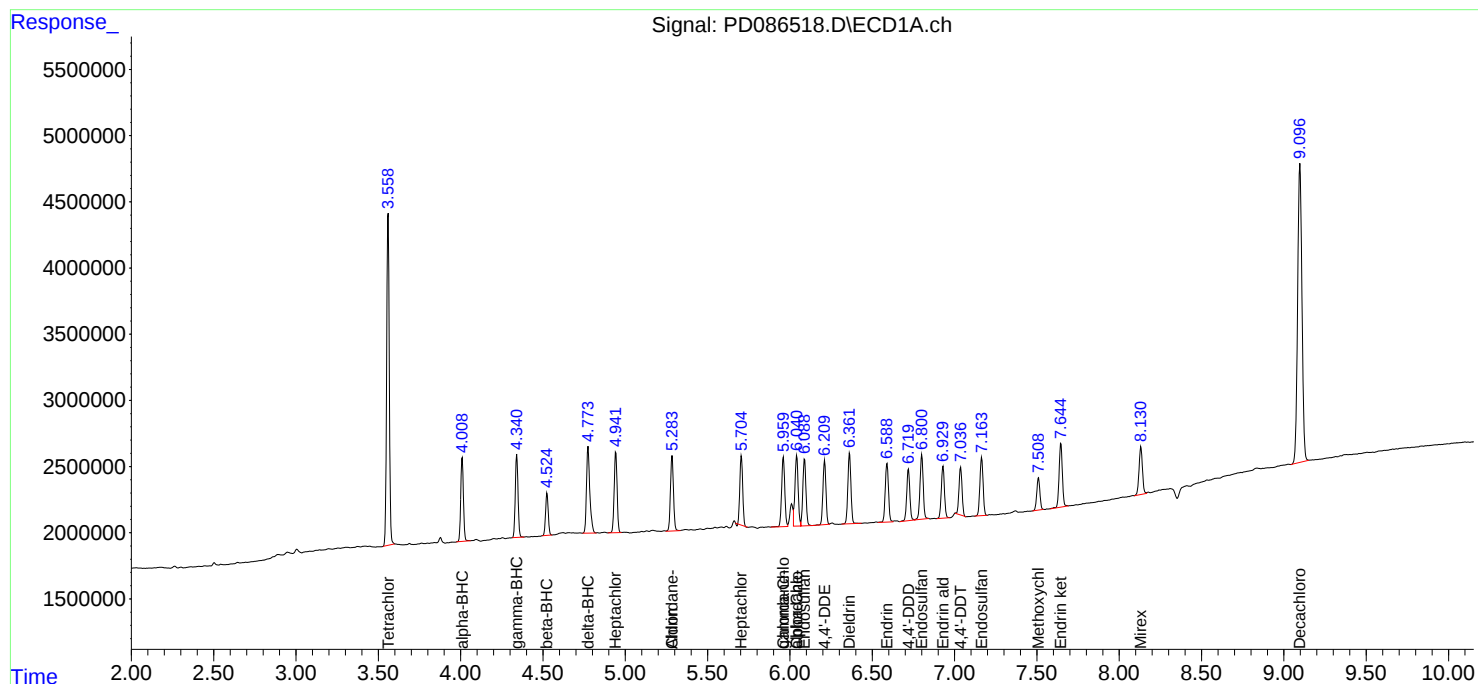
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

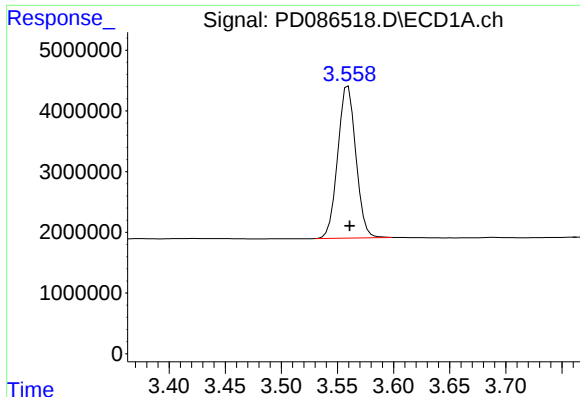
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 13:31
Operator : AR\AJ
Sample : P4368-01
Misc : PEST LOD 2.5PPB
ALS Vial : 9 Sample Multiplier: 1

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 01:39:44 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

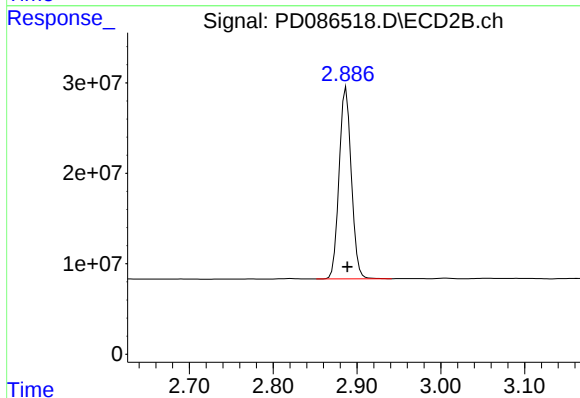




#1 Tetrachloro-m-xylene

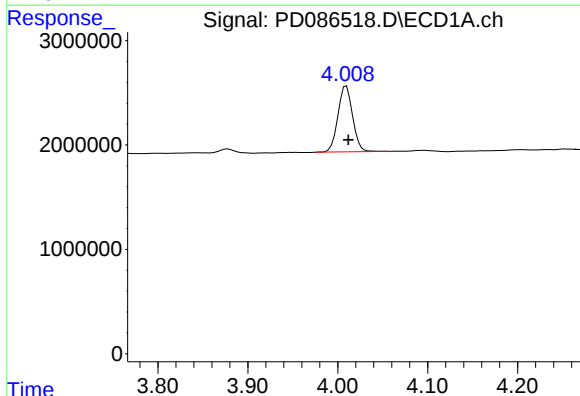
R.T.: 3.560 min
Delta R.T.: -0.001 min
Response: 28216048
Conc: 19.32 ng/ml

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



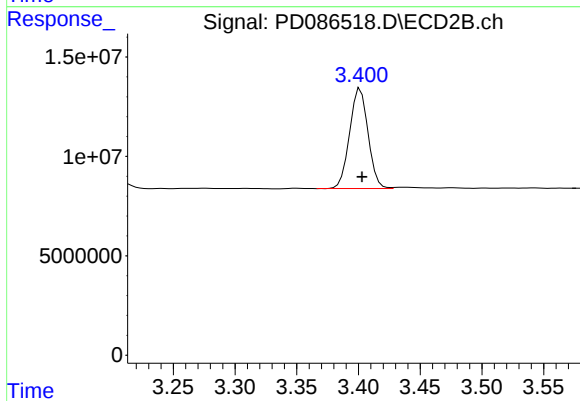
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.001 min
Response: 213647458
Conc: 21.60 ng/ml



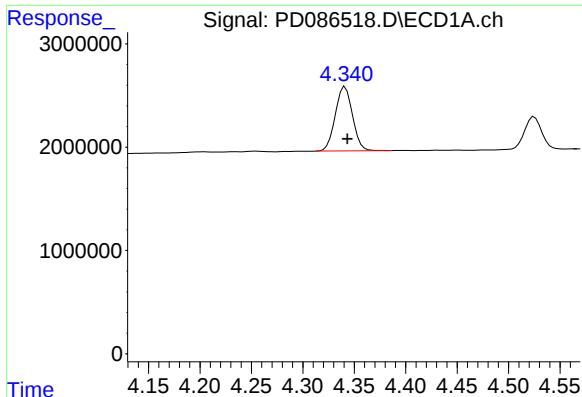
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: -0.002 min
Response: 7152495
Conc: 2.50 ng/ml



#2 alpha-BHC

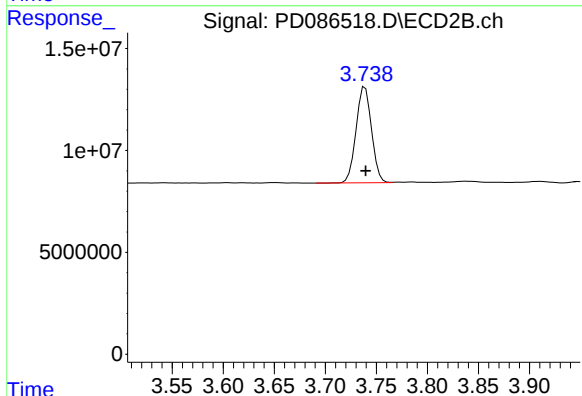
R.T.: 3.402 min
Delta R.T.: -0.001 min
Response: 52438782
Conc: 3.46 ng/ml



#3 gamma-BHC (Lindane)

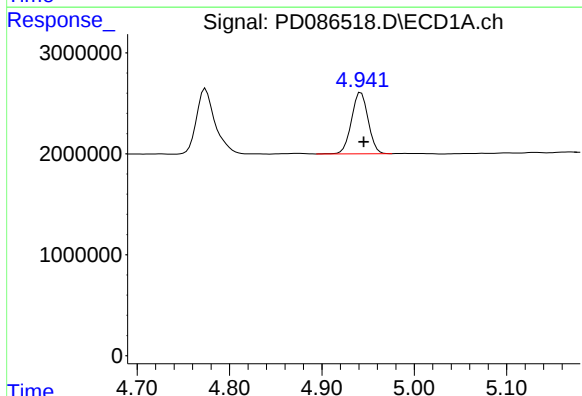
R.T.: 4.341 min
Delta R.T.: -0.002 min
Response: 7235486
Conc: 2.53 ng/ml

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



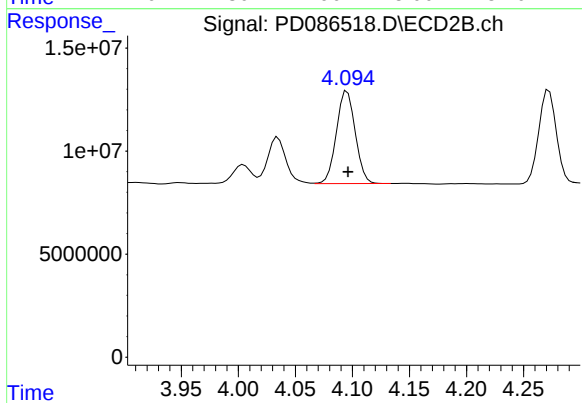
#3 gamma-BHC (Lindane)

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 49438155
Conc: 3.38 ng/ml



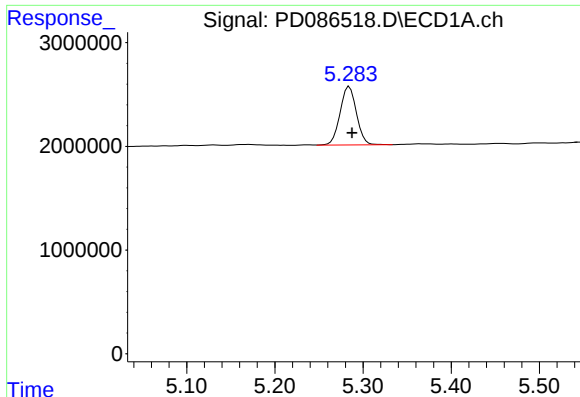
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 7607319
Conc: 2.78 ng/ml



#4 Heptachlor

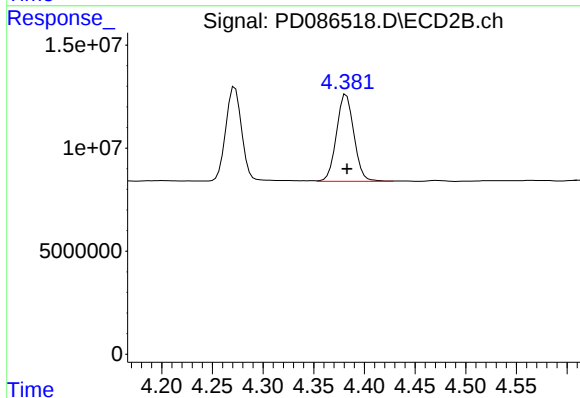
R.T.: 4.095 min
Delta R.T.: 0.000 min
Response: 51735419
Conc: 3.67 ng/ml



#5 Aldrin

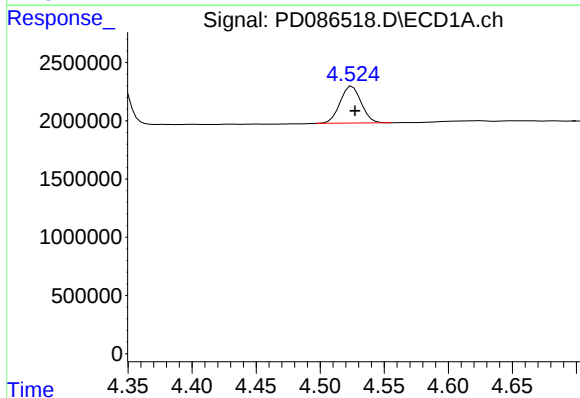
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 7299108
Conc: 2.66 ng/ml

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



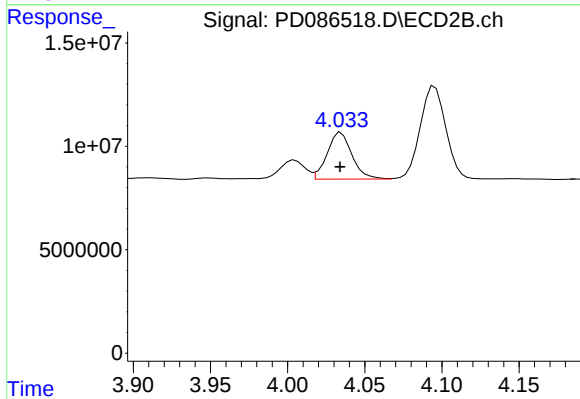
#5 Aldrin

R.T.: 4.382 min
Delta R.T.: 0.000 min
Response: 50532338
Conc: 3.47 ng/ml



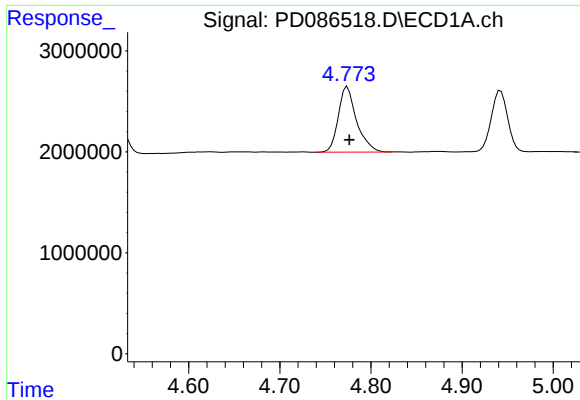
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 3613107
Conc: 3.16 ng/ml



#6 beta-BHC

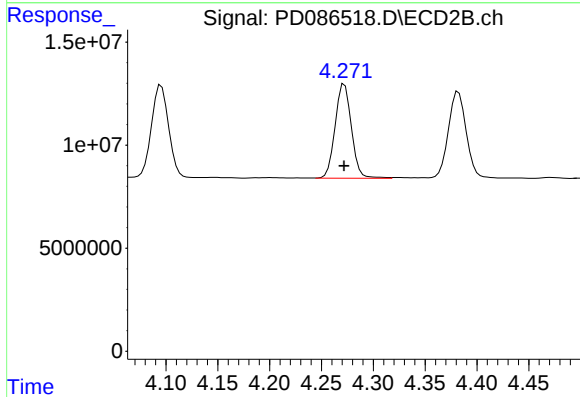
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 25215830
Conc: 3.95 ng/ml



#7 delta-BHC

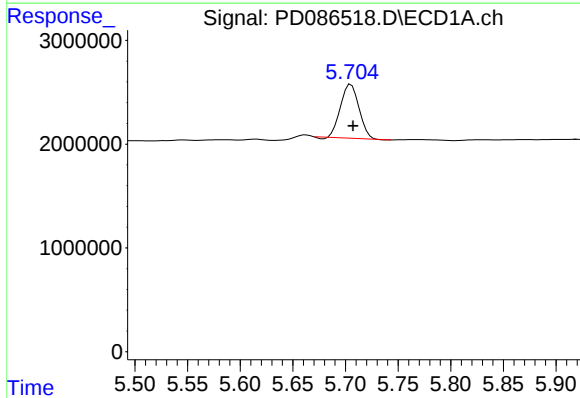
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 9069658
Conc: 3.07 ng/ml

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



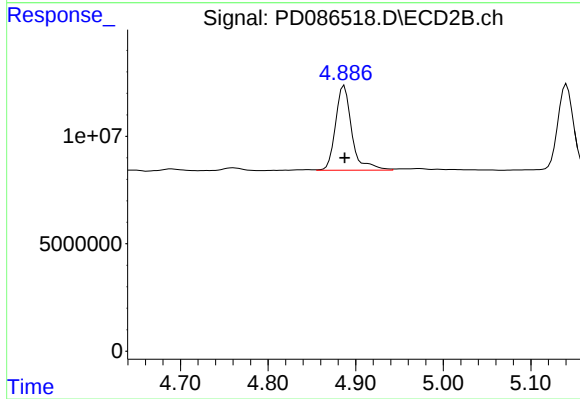
#7 delta-BHC

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 50057349
Conc: 3.37 ng/ml



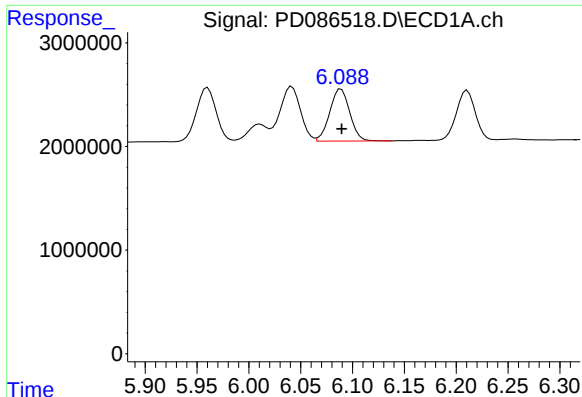
#8 Heptachlor epoxide

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 6334774
Conc: 2.57 ng/ml



#8 Heptachlor epoxide

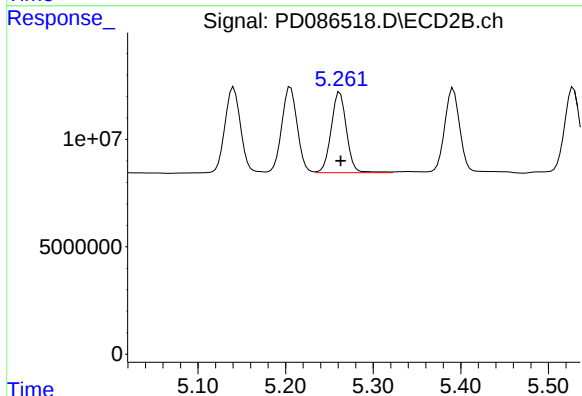
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 51212610
Conc: 3.89 ng/ml



#9 Endosulfan I

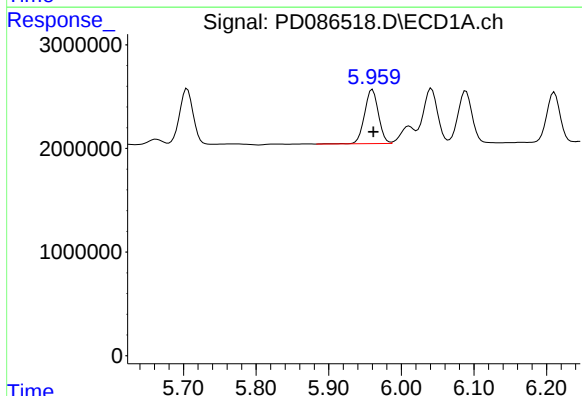
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 6735303
Conc: 2.93 ng/ml

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



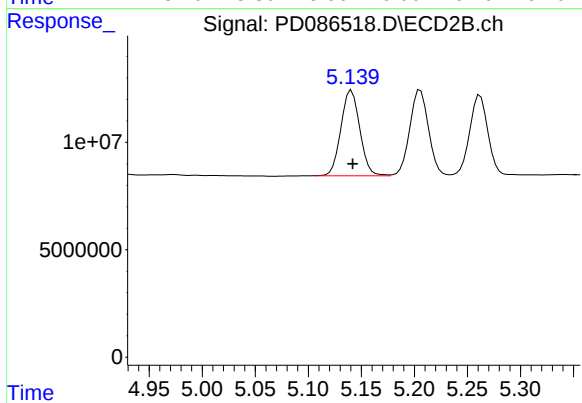
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 45739031
Conc: 3.68 ng/ml



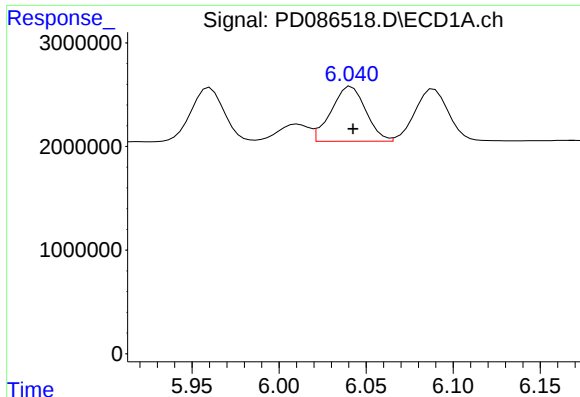
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 6947344
Conc: 2.89 ng/ml



#10 gamma-Chlordane

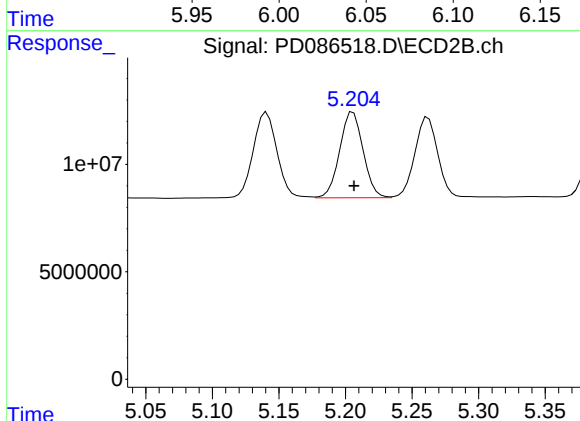
R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 49262664
Conc: 3.62 ng/ml



#11 alpha-Chlordane

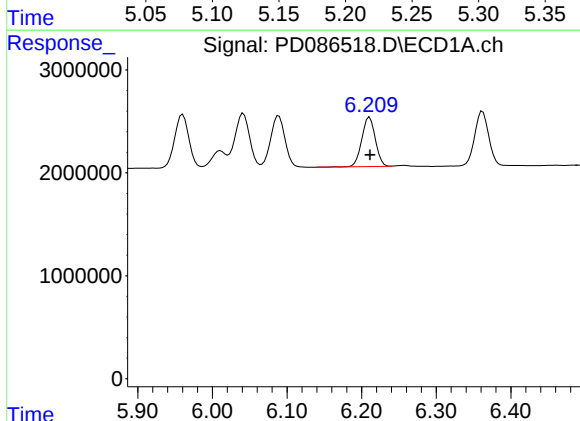
R.T.: 6.041 min
Delta R.T.: -0.001 min
Response: 7333269
Conc: 3.03 ng/ml

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



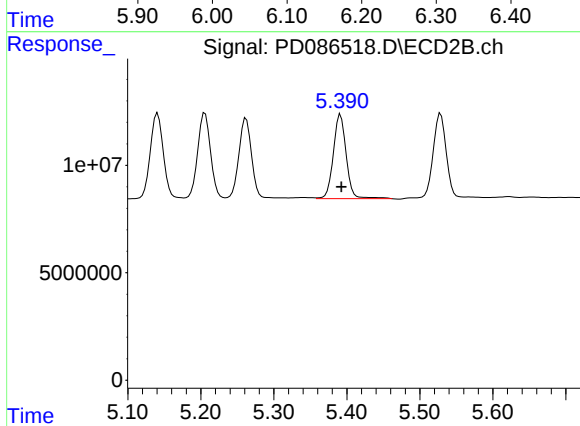
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 48946643
Conc: 3.66 ng/ml



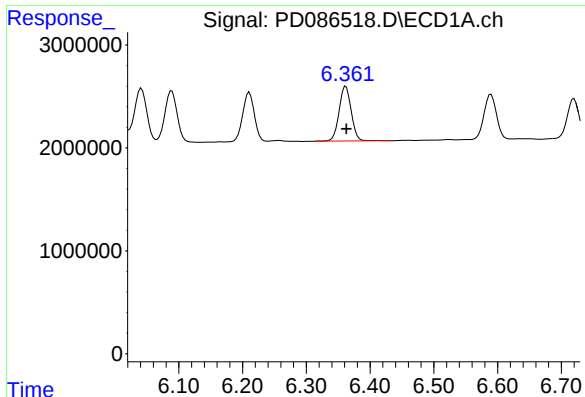
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 6060321
Conc: 2.71 ng/ml



#12 4,4'-DDE

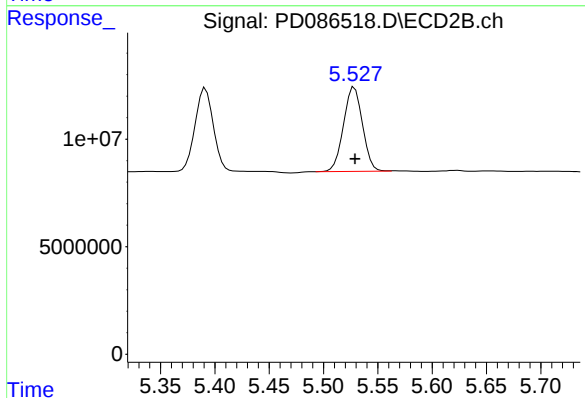
R.T.: 5.391 min
Delta R.T.: -0.001 min
Response: 48093601
Conc: 3.68 ng/ml



#13 Dieldrin

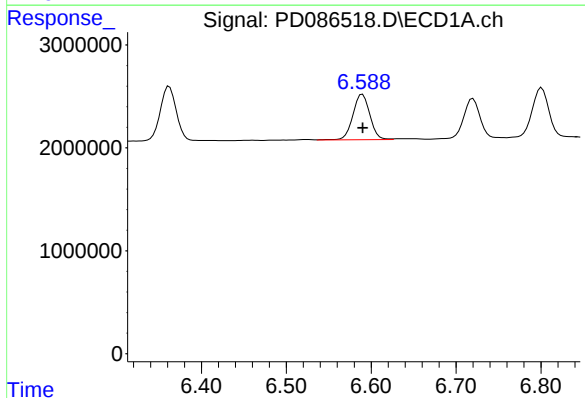
R.T.: 6.362 min
Delta R.T.: -0.001 min
Response: 7001737
Conc: 2.81 ng/ml

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



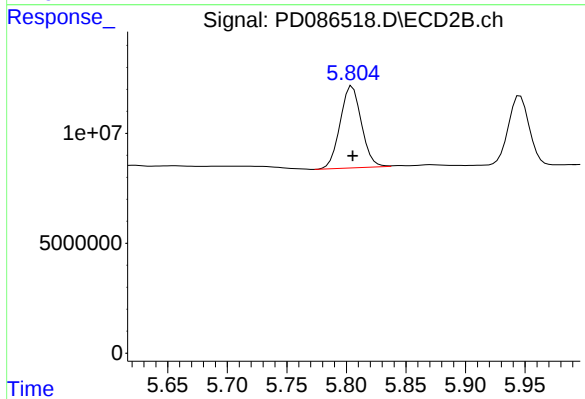
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 47625321
Conc: 3.49 ng/ml



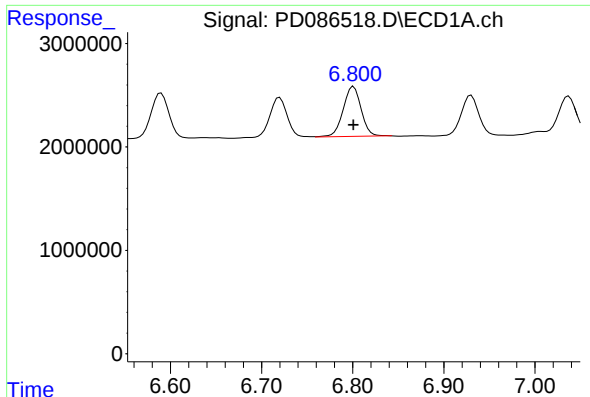
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 6100512
Conc: 2.83 ng/ml



#14 Endrin

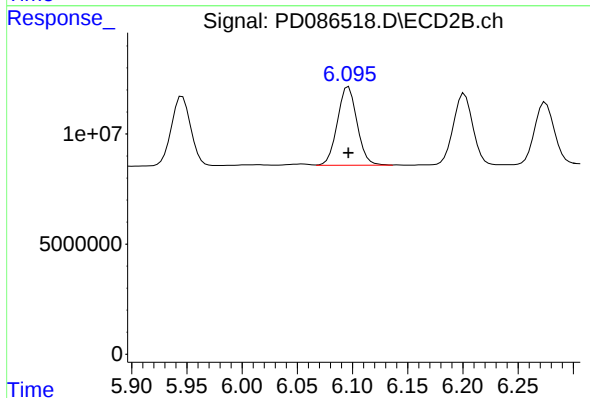
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 46196494
Conc: 3.77 ng/ml



#15 Endosulfan II

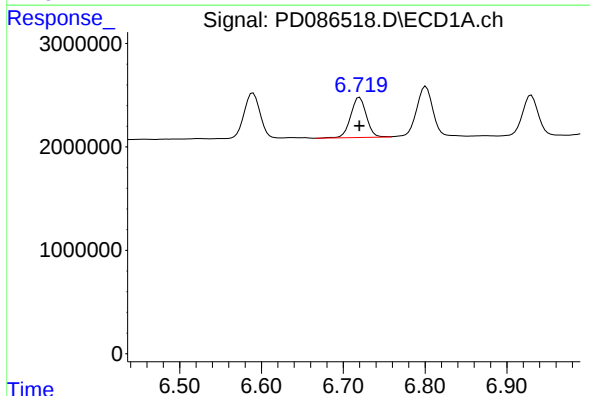
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 6618505
Conc: 3.06 ng/ml

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



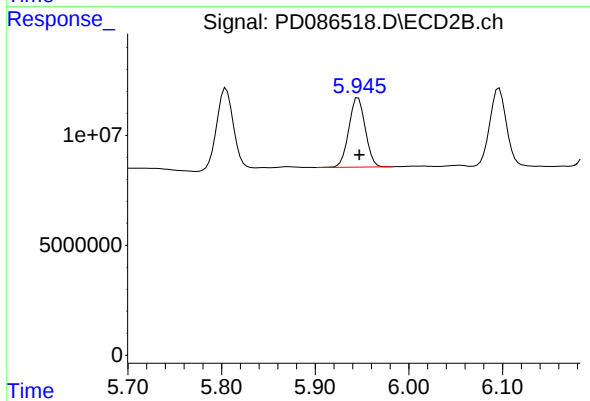
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 44288956
Conc: 3.69 ng/ml



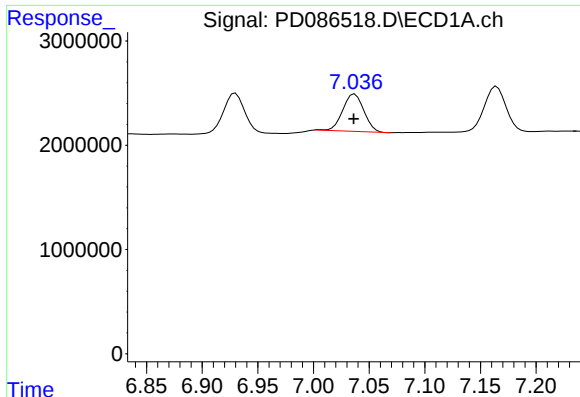
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 5160605
Conc: 2.86 ng/ml



#16 4,4'-DDD

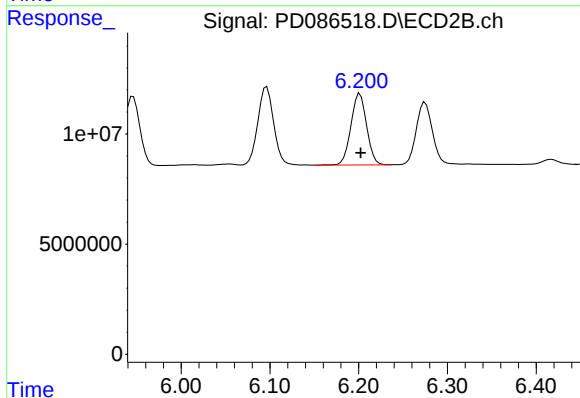
R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 38496405
Conc: 3.50 ng/ml



#17 4,4'-DDT

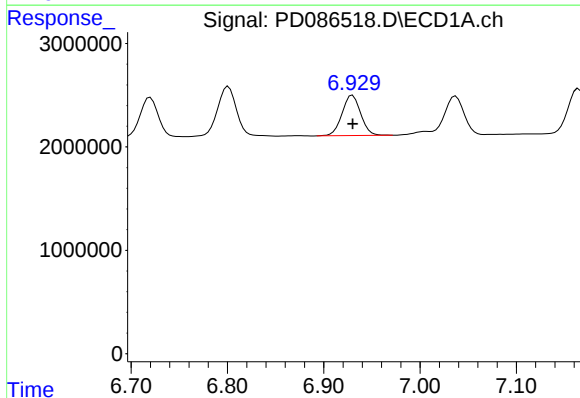
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 4679713
Conc: 2.56 ng/ml

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



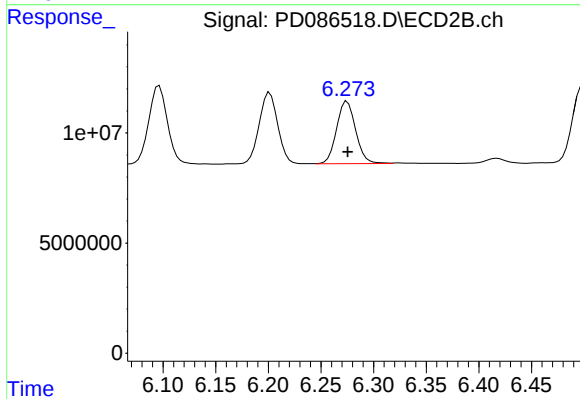
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 39839256
Conc: 3.44 ng/ml



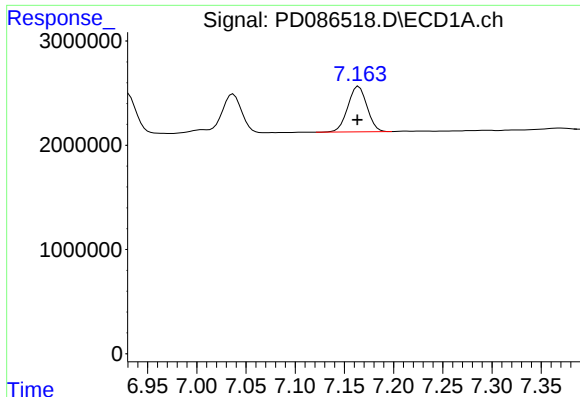
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 5212011
Conc: 3.15 ng/ml



#18 Endrin aldehyde

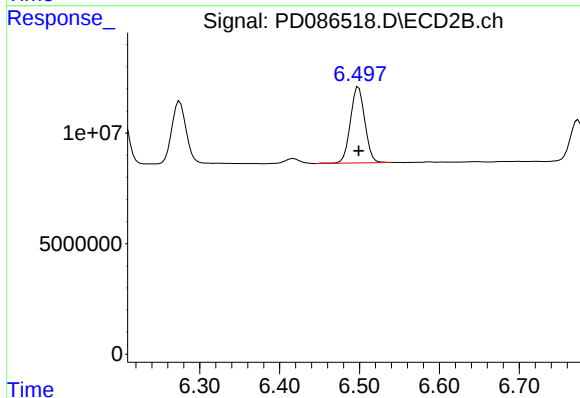
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 35761929
Conc: 3.81 ng/ml



#19 Endosulfan Sulfate

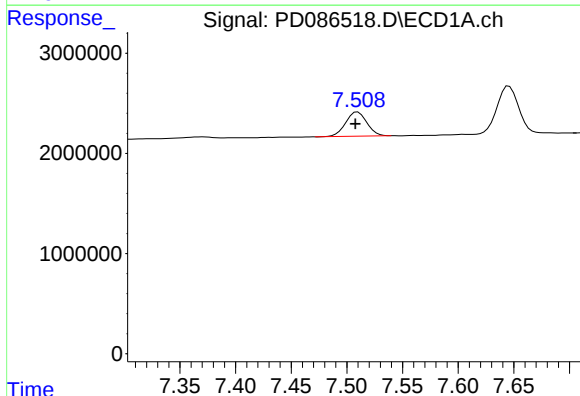
R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 5914770
Conc: 2.94 ng/ml

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



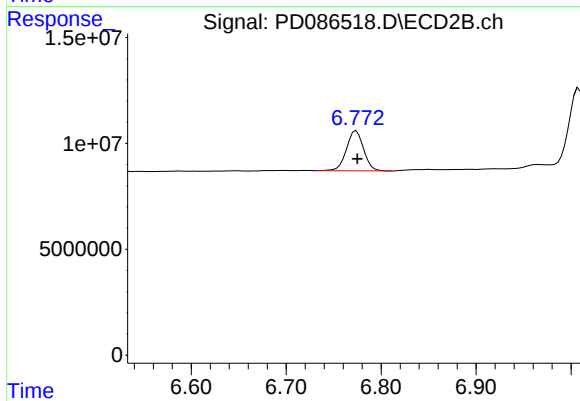
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 43204544
Conc: 3.73 ng/ml



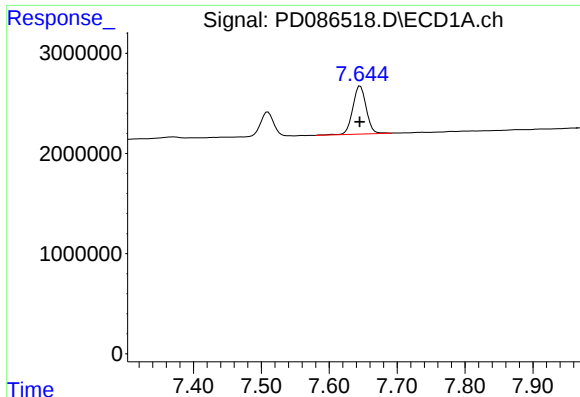
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.002 min
Response: 3238704
Conc: 2.99 ng/ml



#20 Methoxychlor

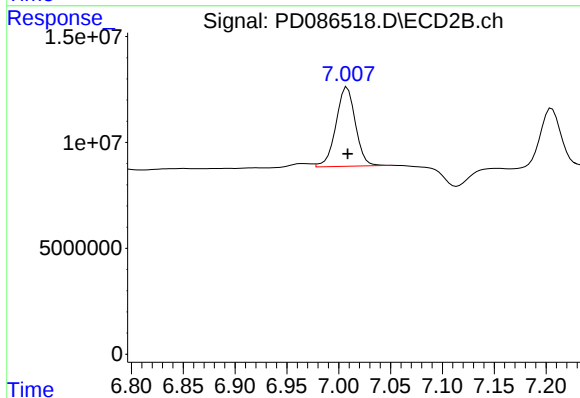
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 23745959
Conc: 3.76 ng/ml



#21 Endrin ketone

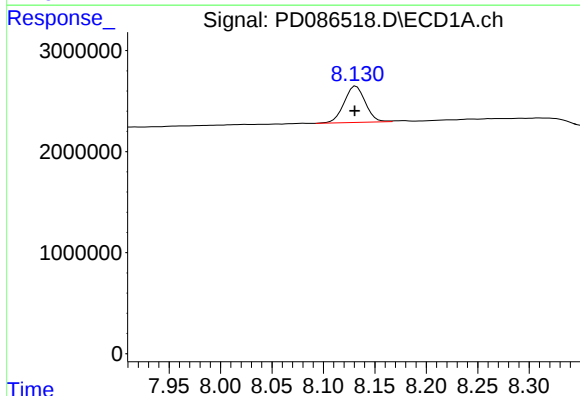
R.T.: 7.646 min
Delta R.T.: 0.000 min
Response: 6596162
Conc: 2.91 ng/ml

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



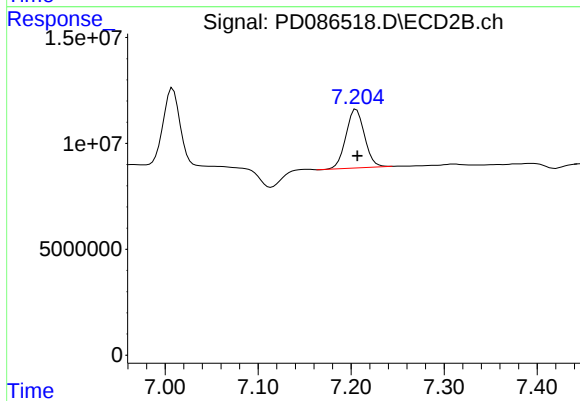
#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 48849126
Conc: 3.84 ng/ml



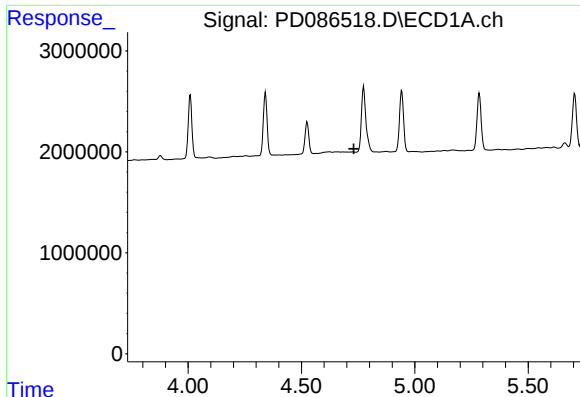
#22 Mirex

R.T.: 8.132 min
Delta R.T.: 0.001 min
Response: 5178708
Conc: 3.13 ng/ml



#22 Mirex

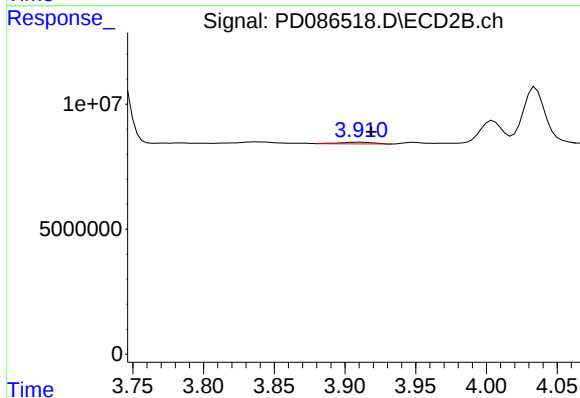
R.T.: 7.206 min
Delta R.T.: -0.001 min
Response: 38299508
Conc: 3.69 ng/ml



#23 Chlordane-1

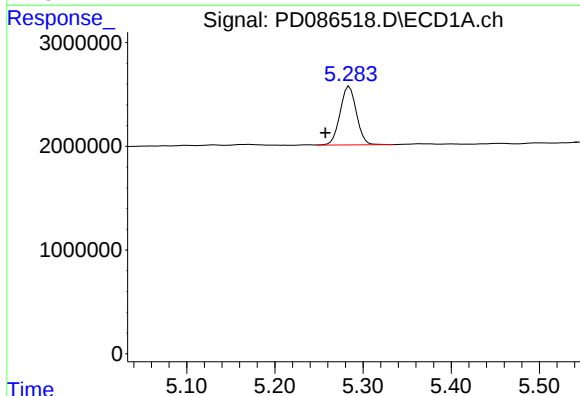
R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

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



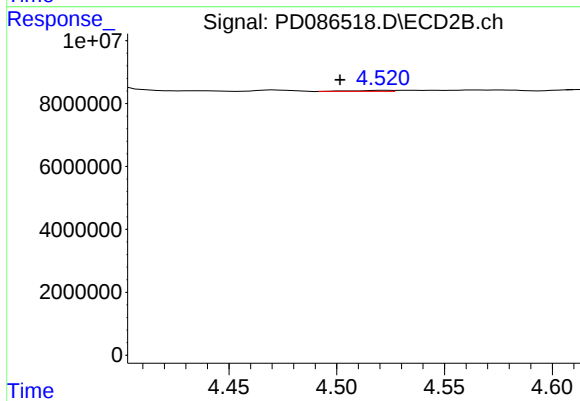
#23 Chlordane-1

R.T.: 3.911 min
Delta R.T.: -0.008 min
Response: 1086105
Conc: 2.34 ng/ml



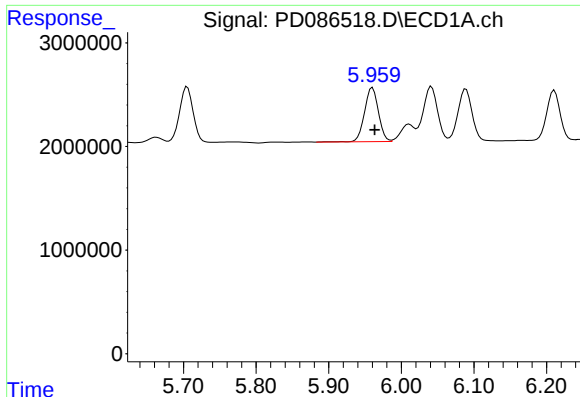
#24 Chlordane-2

R.T.: 5.284 min
Delta R.T.: 0.027 min
Response: 7299108
Conc: 74.72 ng/ml



#24 Chlordane-2

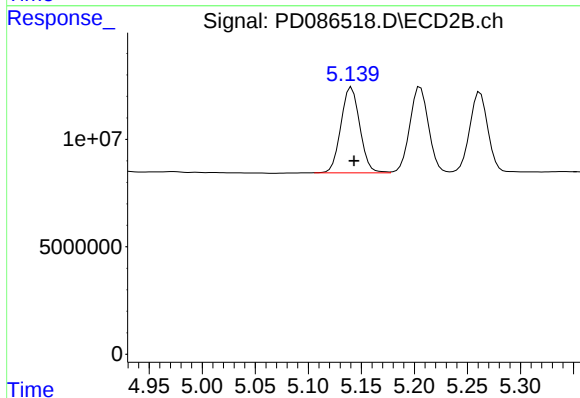
R.T.: 4.522 min
Delta R.T.: 0.020 min
Response: 425399
Conc: 0.86 ng/ml



#25 Chlordane-3

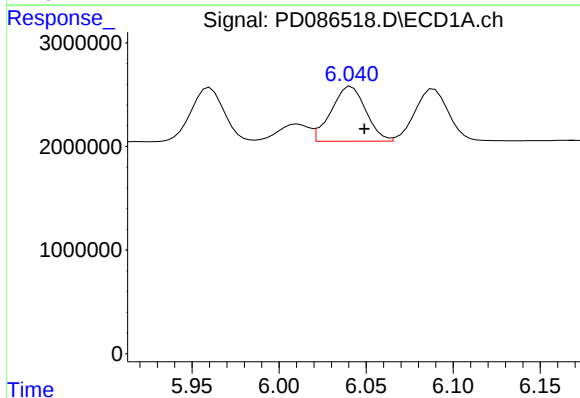
R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 6947344
Conc: 18.36 ng/ml

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



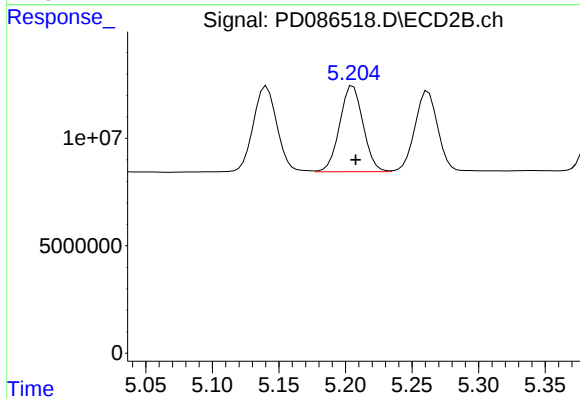
#25 Chlordane-3

R.T.: 5.141 min
Delta R.T.: -0.002 min
Response: 49262664
Conc: 33.09 ng/ml



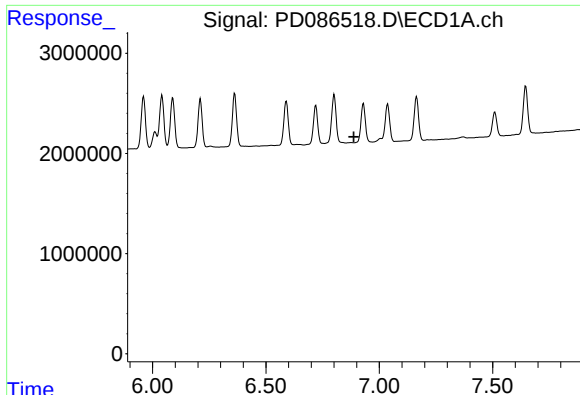
#26 Chlordane-4

R.T.: 6.041 min
Delta R.T.: -0.008 min
Response: 7333269
Conc: 15.96 ng/ml



#26 Chlordane-4

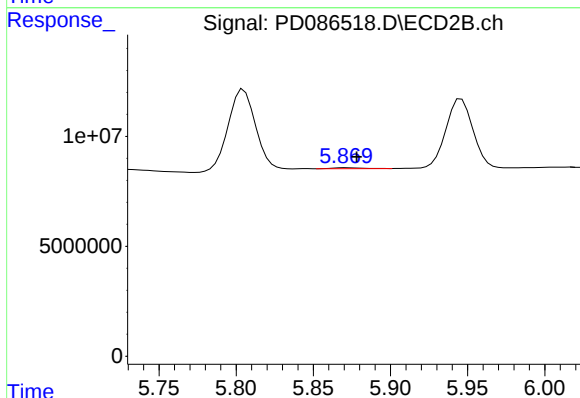
R.T.: 5.206 min
Delta R.T.: -0.002 min
Response: 48946643
Conc: 38.96 ng/ml



#27 Chlordane-5

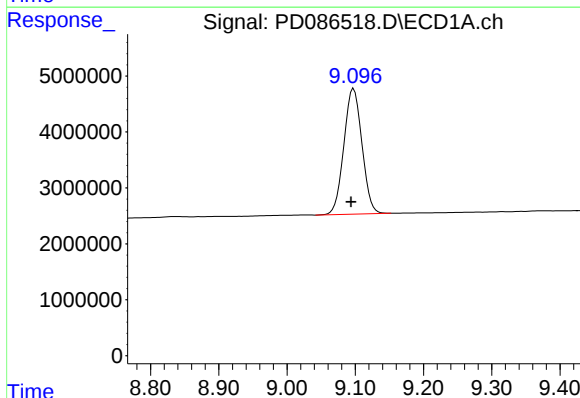
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.

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



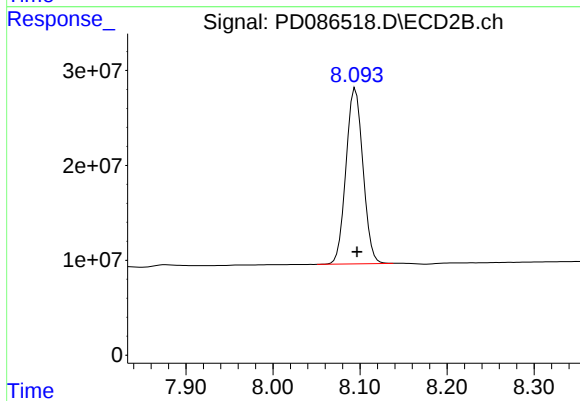
#27 Chlordane-5

R.T.: 5.871 min
Delta R.T.: -0.007 min
Response: 531096
Conc: 1.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.004 min
Response: 41326051
Conc: 21.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.095 min
Delta R.T.: -0.002 min
Response: 250475450
Conc: 23.38 ng/ml