

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052024\
 Data File : PD082891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 12:37
 Operator : AR\AJ
 Sample : P2409-03
 Misc : TOX MDL SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:53:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 17 05:17:58 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

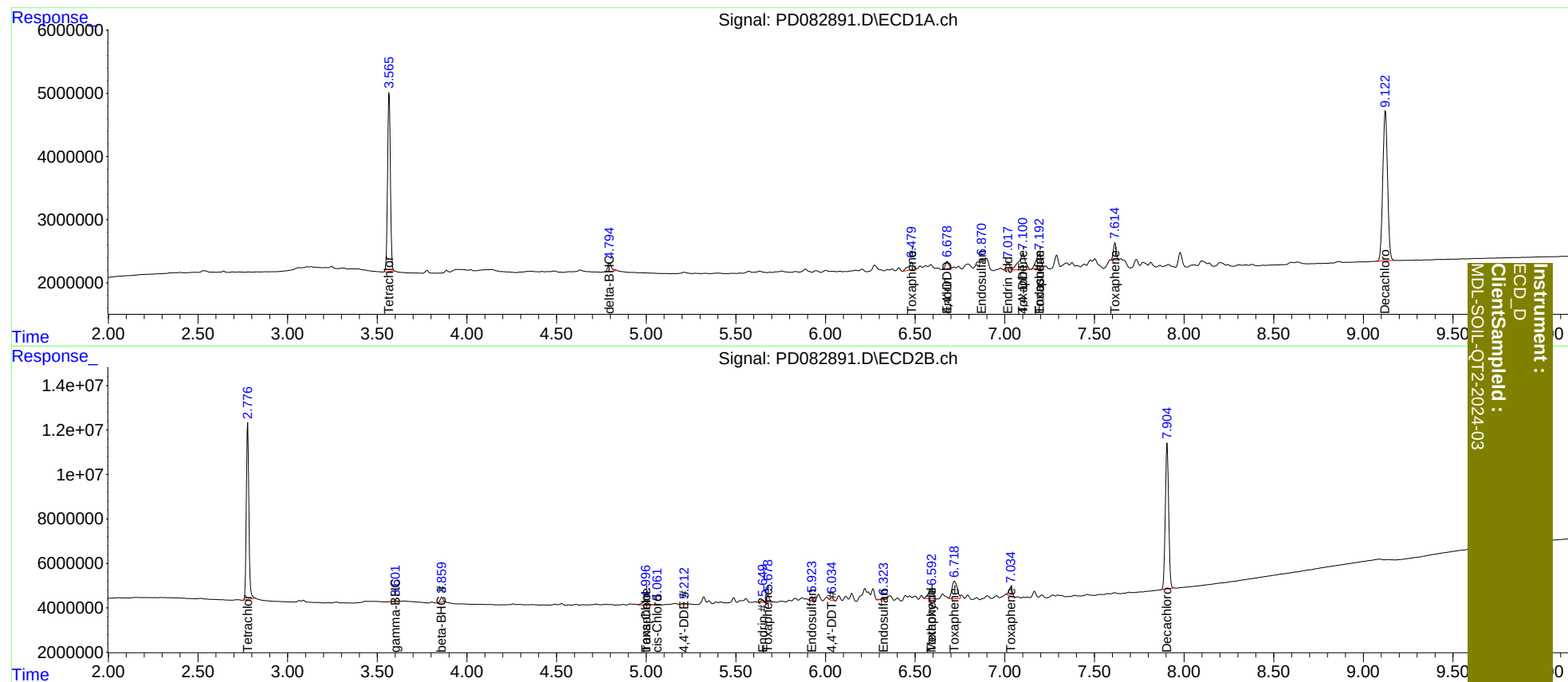
System Monitoring Compounds							
1)	SA Tetrachlo...	3.566	2.778	30889360	78733778	20.651	20.247
27)	SA Decachlor...	9.123	7.906	43825537	85043919	21.865	21.495
Target Compounds							
2)	A alpha-BHC	0.000	3.273	0	584826	N.D.	<MDL
3)	MA gamma-BHC...	0.000	3.603	0	809444	N.D.	0.140
5)	MB Aldrin	0.000	4.259f	0	390957	N.D.	<MDL
6)	B beta-BHC	0.000	3.860f	0	2191267	N.D.	0.874
7)	B delta-BHC	4.795	0.000	2041536	0	0.834	N.D. #
8)	B Heptachlo...	0.000	4.722	0	331483	N.D.	<MDL
9)	A Endosulfan I	0.000	5.122	0	91506	N.D.	<MDL
10)	B trans-Chl...	0.000	4.997	0	3692562	N.D.	0.741
11)	B cis-Chlor...	0.000	5.062	0	519631	N.D.	0.102
12)	B 4,4'-DDE	0.000	5.213	0	850344	N.D.	0.178
14)	MA Endrin	6.679f	5.650	1425102	1205868	0.799	0.276 #
15)	B Endosulfa...	6.873f	5.924	376958	1719507	0.196	0.408 #
16)	A 4,4'-DDD	6.679f	5.799	1425102	-176831	0.919	N.D. #
17)	MA 4,4'-DDT	7.101f	6.035	6656626	1347546	4.139	0.351 #
18)	B Endrin al...	7.019f	6.114	1821938	-656289	1.312	N.D. #
19)	B Endosulfa...	7.193	6.324	4241132	607548	2.403	0.151 #
20)	A Methoxychlor	0.000	6.593	0	8455955	N.D.	4.309
22)	Toxaphene-1	0.000	4.997	0	3692562	N.D.	139.467
23)	Toxaphene-2	6.480	5.680	2343370	3322732	123.851	116.410
24)	Toxaphene-3	7.101	6.593	6656626	8455955	126.211	90.556 #
25)	Toxaphene-4	7.193	6.719	4241132	16184769	108.663	126.828
26)	Toxaphene-5	7.615	7.035	3041258	5015422	106.857	100.110

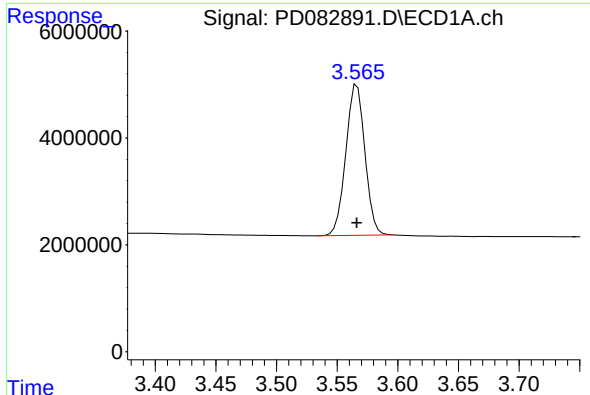
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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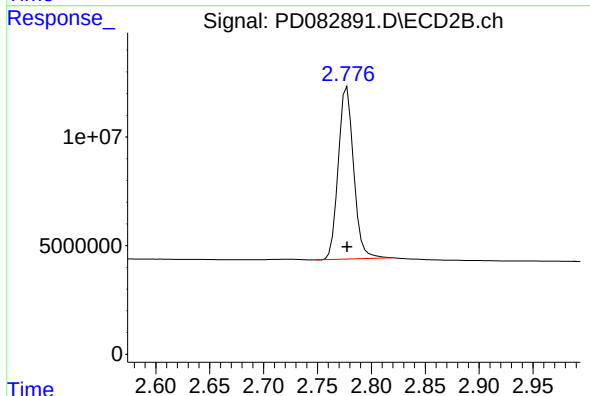




#1 Tetrachloro-m-xylene

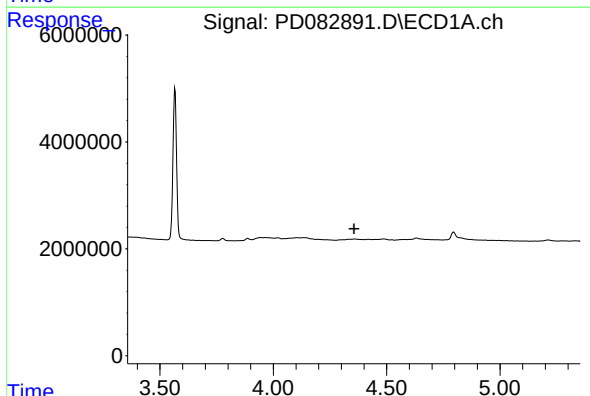
R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 30889360
Conc: 20.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



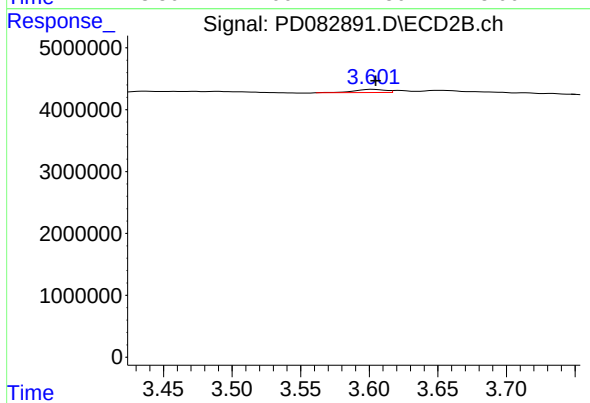
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 78733778
Conc: 20.25 ng/ml



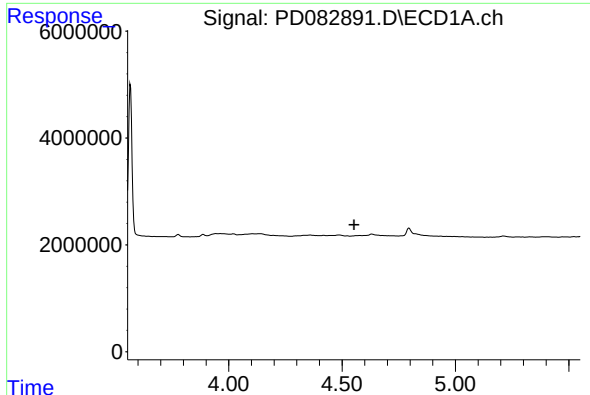
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.356 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

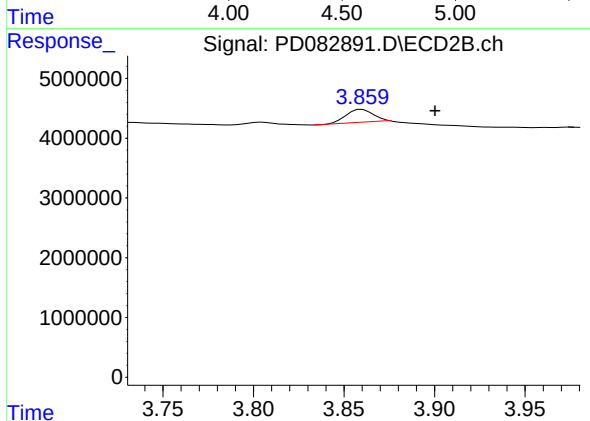
R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 809444
Conc: 0.14 ng/ml



#6 beta-BHC

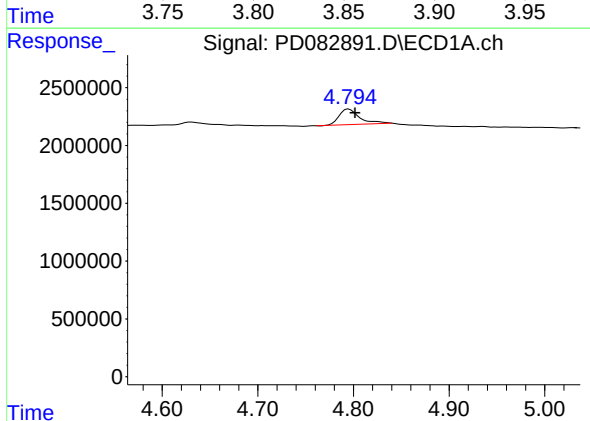
R.T.: 0.000 min
Exp R.T.: 4.553 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



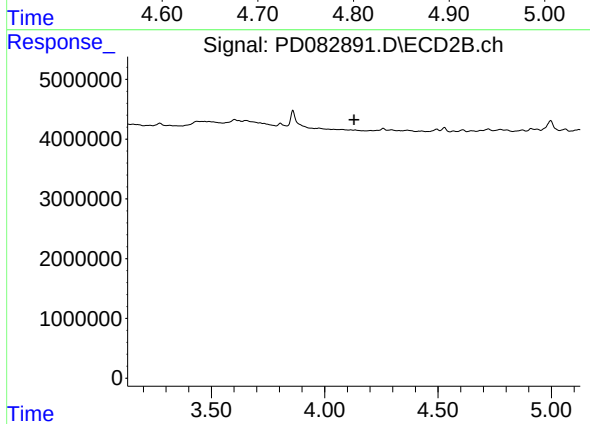
#6 beta-BHC

R.T.: 3.860 min
Delta R.T.: -0.040 min
Response: 2191267
Conc: 0.87 ng/ml



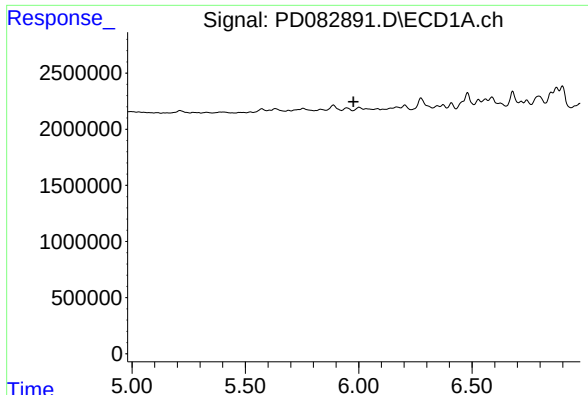
#7 delta-BHC

R.T.: 4.795 min
Delta R.T.: -0.007 min
Response: 2041536
Conc: 0.83 ng/ml



#7 delta-BHC

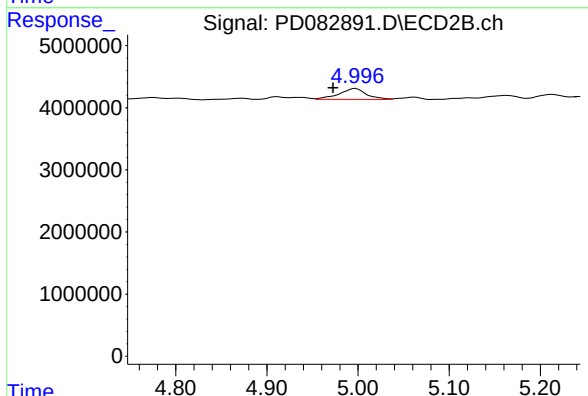
R.T.: 0.000 min
Exp R.T.: 4.130 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

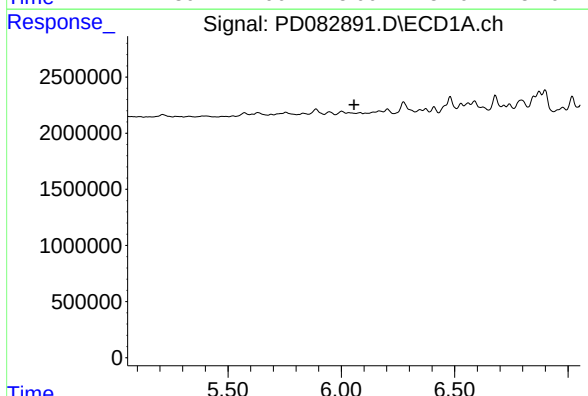
R.T.: 0.000 min
Exp R.T.: 5.977 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



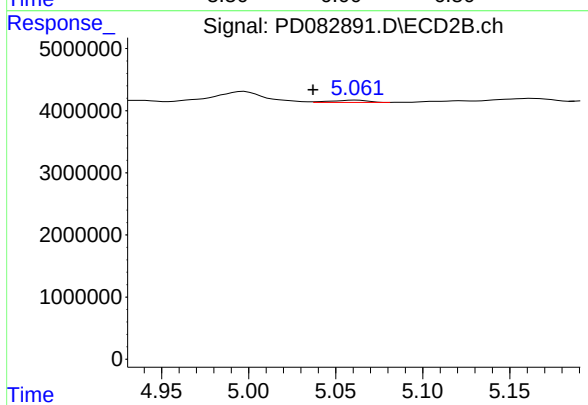
#10 trans-Chlordane

R.T.: 4.997 min
Delta R.T.: 0.025 min
Response: 3692562
Conc: 0.74 ng/ml



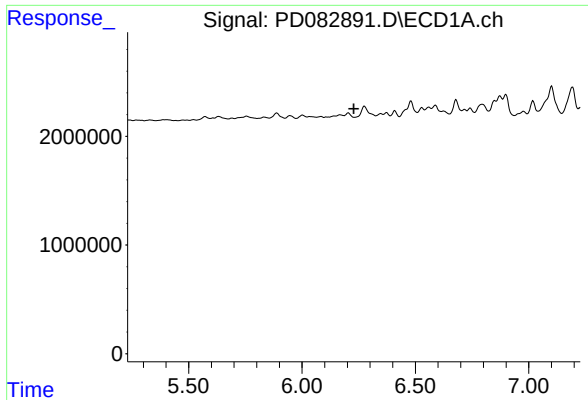
#11 cis-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.057 min
Response: 0
Conc: N.D.



#11 cis-Chlordane

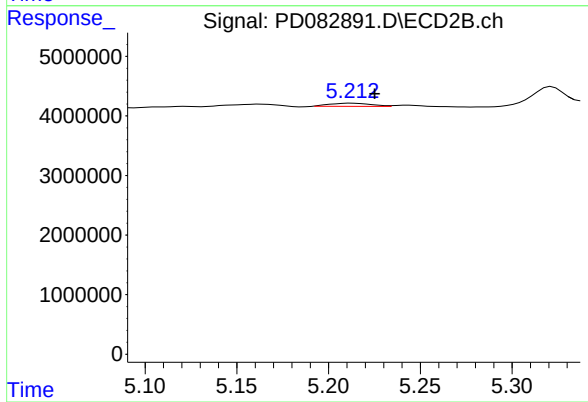
R.T.: 5.062 min
Delta R.T.: 0.025 min
Response: 519631
Conc: 0.10 ng/ml



#12 4,4'-DDE

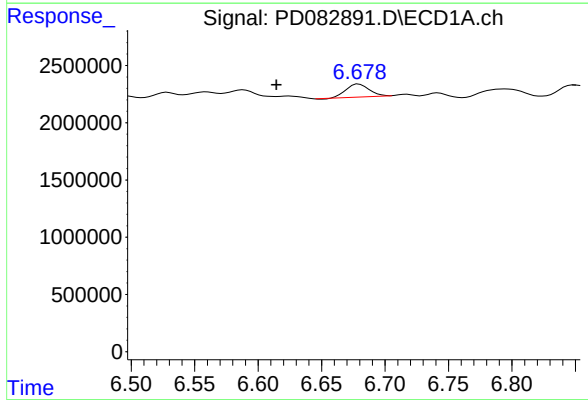
R.T.: 0.000 min
Exp R.T.: 6.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



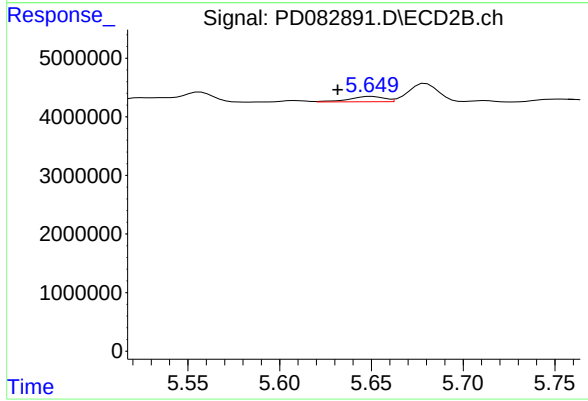
#12 4,4'-DDE

R.T.: 5.213 min
Delta R.T.: -0.012 min
Response: 850344
Conc: 0.18 ng/ml



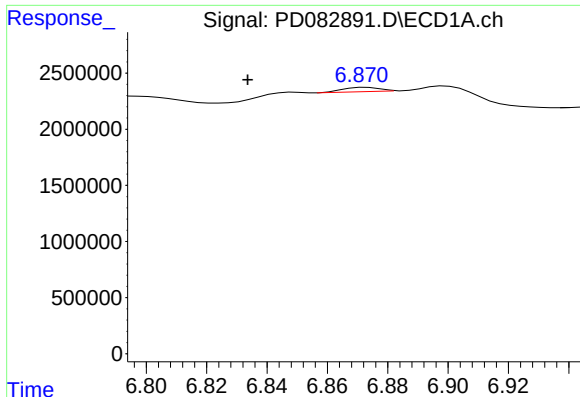
#14 Endrin

R.T.: 6.679 min
Delta R.T.: 0.065 min
Response: 1425102
Conc: 0.80 ng/ml



#14 Endrin

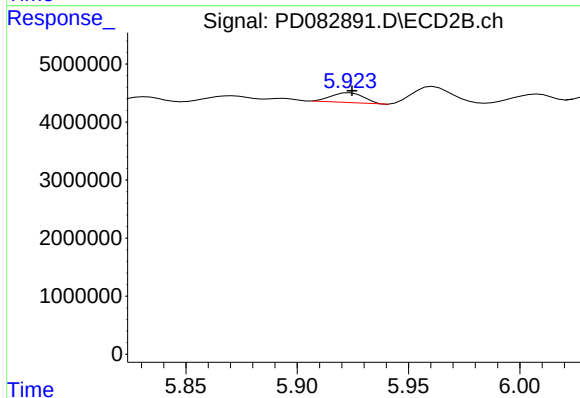
R.T.: 5.650 min
Delta R.T.: 0.019 min
Response: 1205868
Conc: 0.28 ng/ml



#15 Endosulfan II

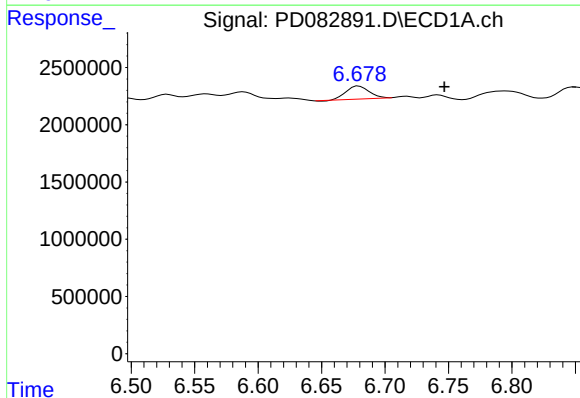
R.T.: 6.873 min
Delta R.T.: 0.039 min
Response: 376958
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



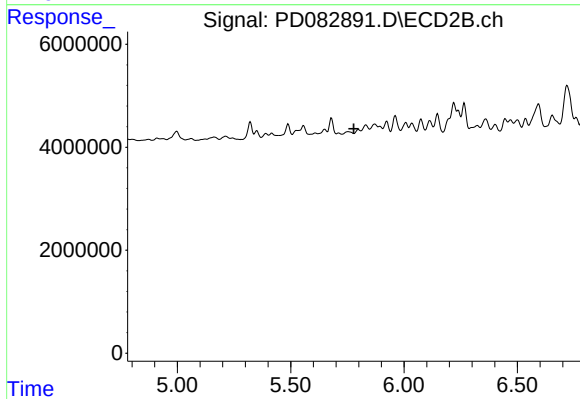
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1719507
Conc: 0.41 ng/ml



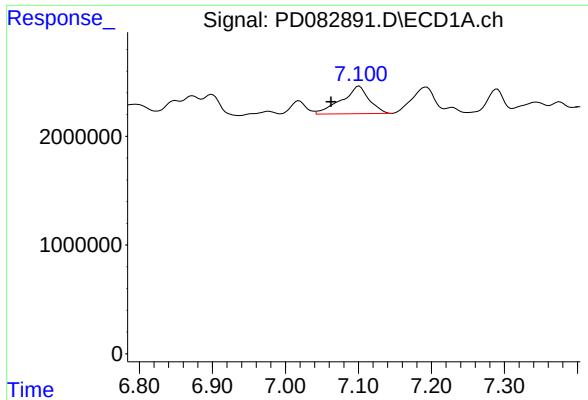
#16 4,4'-DDD

R.T.: 6.679 min
Delta R.T.: -0.067 min
Response: 1425102
Conc: 0.92 ng/ml



#16 4,4'-DDD

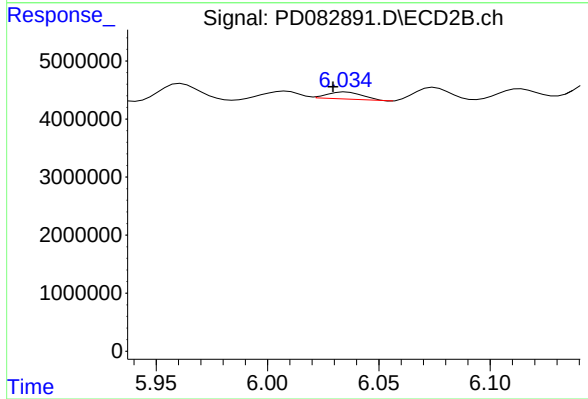
R.T.: 5.799 min
Delta R.T.: 0.020 min
Response: -176831
Conc: N.D.



#17 4,4'-DDT

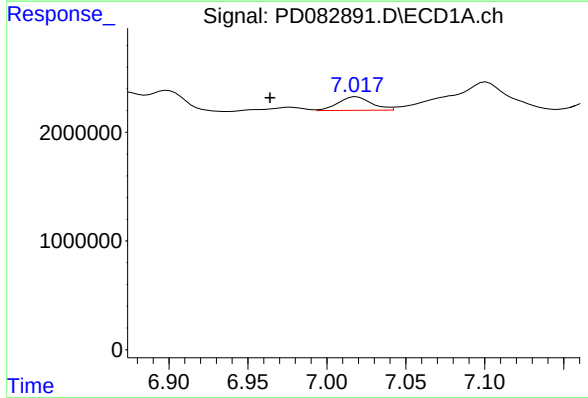
R.T.: 7.101 min
Delta R.T.: 0.039 min
Response: 6656626
Conc: 4.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



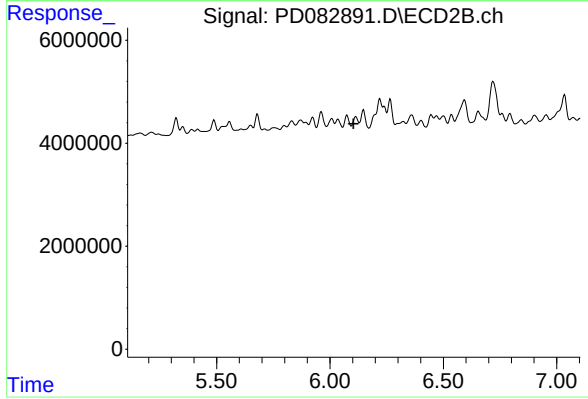
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 1347546
Conc: 0.35 ng/ml



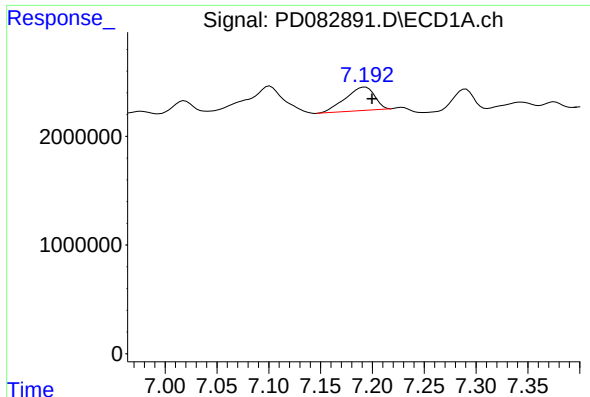
#18 Endrin aldehyde

R.T.: 7.019 min
Delta R.T.: 0.055 min
Response: 1821938
Conc: 1.31 ng/ml



#18 Endrin aldehyde

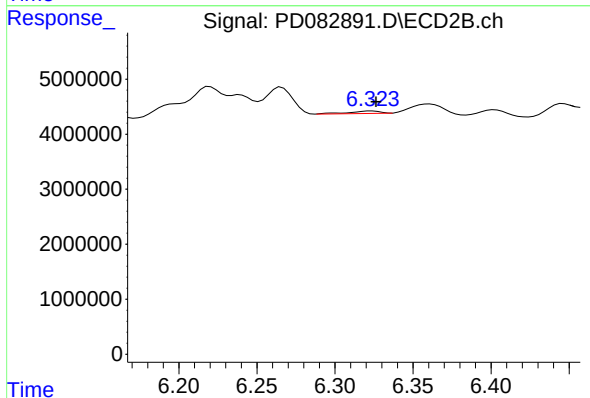
R.T.: 6.114 min
Delta R.T.: 0.010 min
Response: -656289
Conc: N.D.



#19 Endosulfan Sulfate

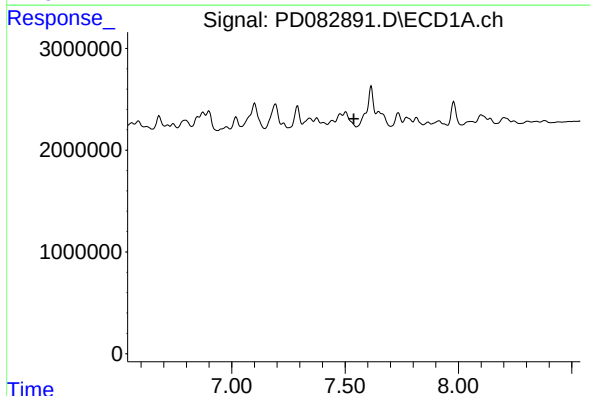
R.T.: 7.193 min
Delta R.T.: -0.007 min
Response: 4241132
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



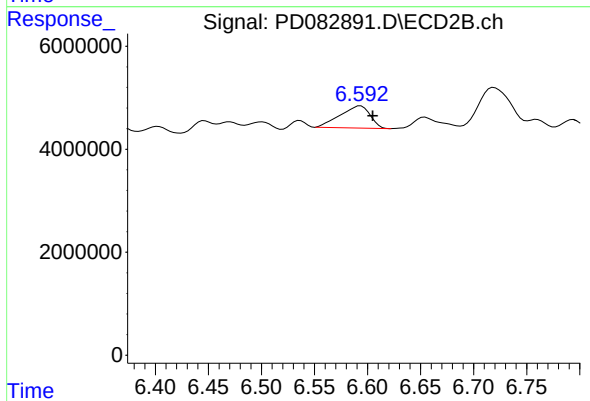
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: -0.002 min
Response: 607548
Conc: 0.15 ng/ml



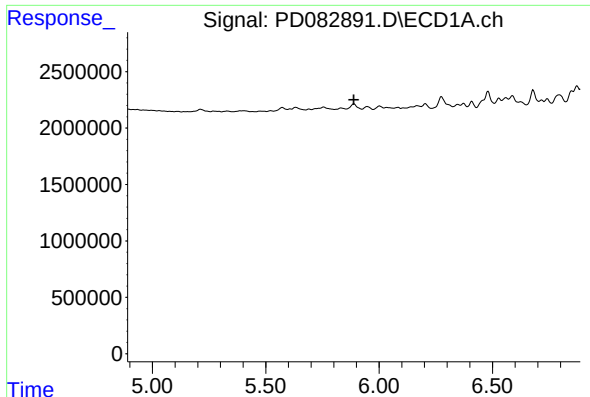
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.538 min
Response: 0
Conc: N.D.



#20 Methoxychlor

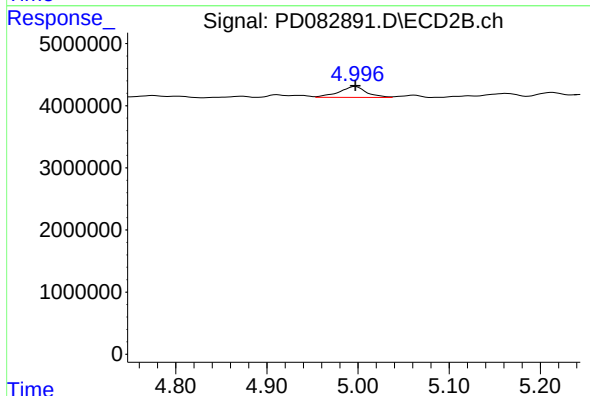
R.T.: 6.593 min
Delta R.T.: -0.012 min
Response: 8455955
Conc: 4.31 ng/ml



#22 Toxaphene-1

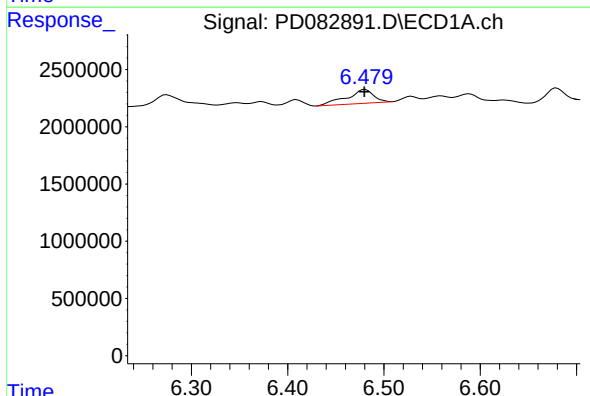
R.T.: 0.000 min
Exp R.T.: 5.889 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



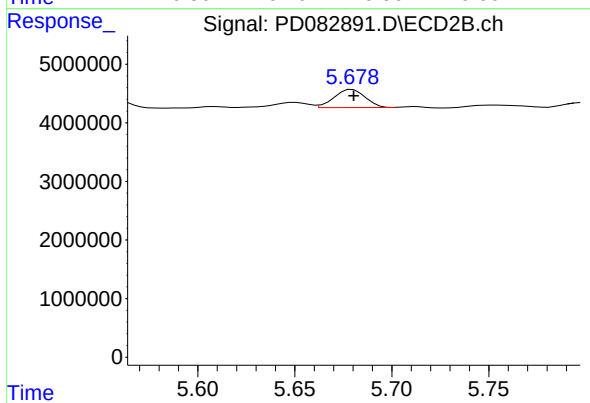
#22 Toxaphene-1

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 3692562
Conc: 139.47 ng/ml



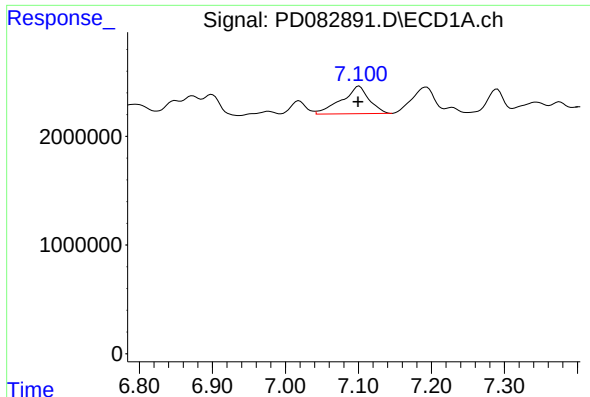
#23 Toxaphene-2

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 2343370
Conc: 123.85 ng/ml



#23 Toxaphene-2

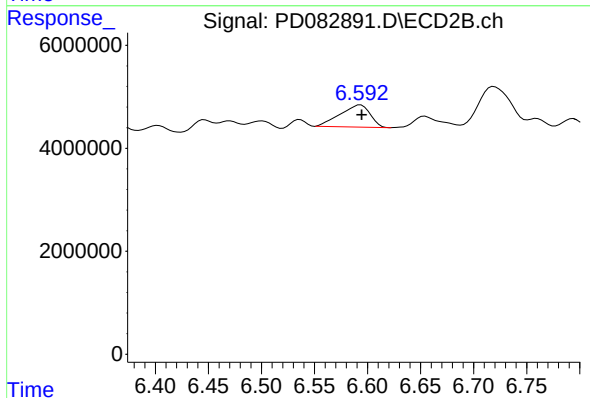
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 3322732
Conc: 116.41 ng/ml



#24 Toxaphene-3

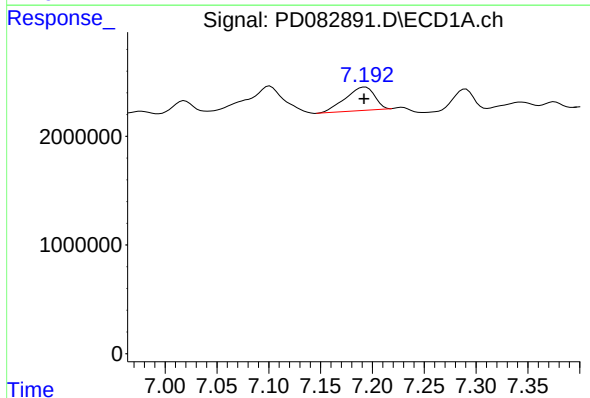
R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 6656626
Conc: 126.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



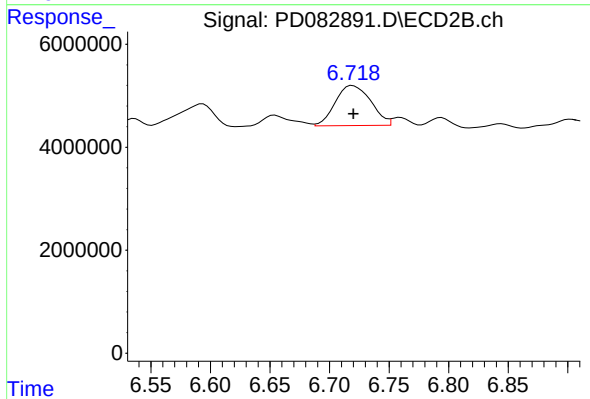
#24 Toxaphene-3

R.T.: 6.593 min
Delta R.T.: -0.001 min
Response: 8455955
Conc: 90.56 ng/ml



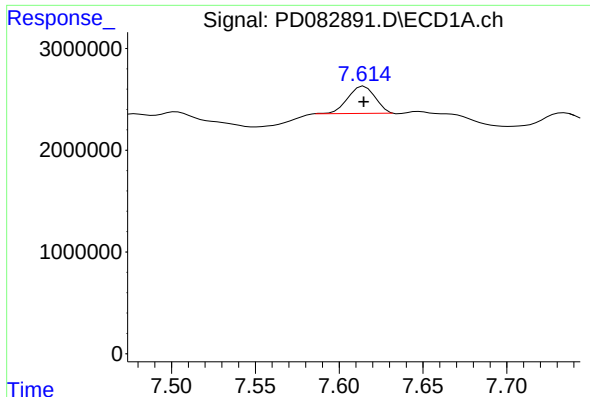
#25 Toxaphene-4

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 4241132
Conc: 108.66 ng/ml



#25 Toxaphene-4

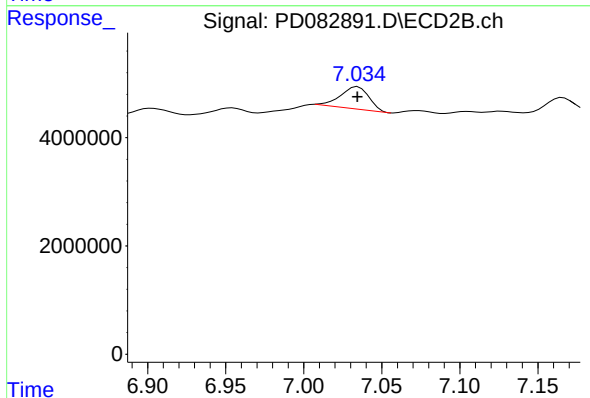
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 16184769
Conc: 126.83 ng/ml



#26 Toxaphene-5

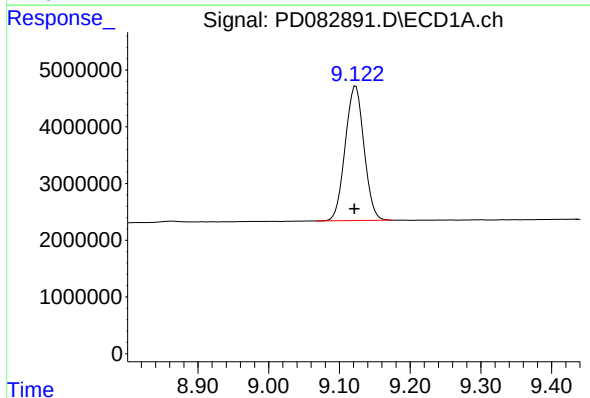
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 3041258
Conc: 106.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



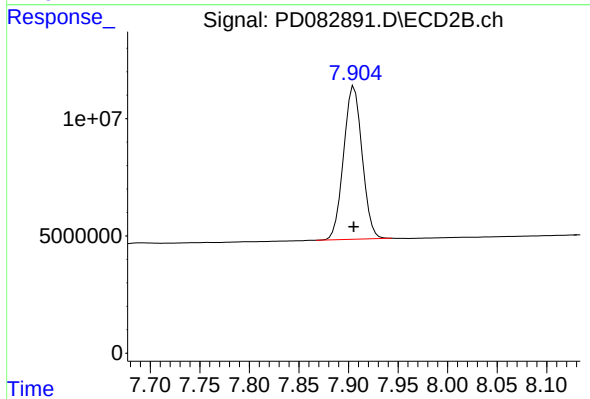
#26 Toxaphene-5

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 5015422
Conc: 100.11 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.002 min
Response: 43825537
Conc: 21.86 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 85043919
Conc: 21.49 ng/ml