

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 10:03
 Operator : AJ\MA
 Sample : L1161-02
 Misc : LOQ 5 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:08:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.286	3.960	20936486	40984031	25.352	25.046
2)	SA Decachlor...	7.955	8.994	24509656	40426068	25.289	24.254
Target Compounds							
2)	A alpha-BHC	3.712	4.346	6827752	12910136	5.227	5.102
3)	MA gamma-BHC...	3.987	4.629	9028755	12454822	6.770	5.098
4)	MA Heptachlor	4.272	5.134	6299210	13394162	5.400	5.599
5)	MB Aldrin	4.511	5.437	6602307	12815803	5.680	5.653
6)	B beta-BHC	4.237	4.798	2704066	6140066	5.234	5.836
7)	B delta-BHC	4.432	5.013	6270462	9492763	5.033	4.244
8)	B Heptachlo...	4.947	5.821	6442714	12059633	6.000	5.554
9)	A Endosulfan I	5.277	6.177	6001814	11907248	6.107	5.870
10)	B gamma-Chl...	5.169	6.055	6519658	15030866	6.002	6.751
11)	B alpha-Chl...	5.226	6.128	6427427	13556127	5.938	6.089
12)	B 4,4'-DDE	5.394	6.284	6069855	10798779	6.427	5.406
13)	MA Dieldrin	5.517	6.432	6136768	11792930	5.762	5.506
14)	MA Endrin	5.770	6.649	5505543	9770758	6.193	5.677
15)	B Endosulfa...	6.044	6.858	6330864	11156837	6.529	5.847
16)	A 4,4'-DDD	5.905	6.772	5150215	9463297	6.142	5.625
17)	MA 4,4'-DDT	6.140	7.070	3119503	7653202	4.333	4.970
18)	B Endrin al...	6.212	6.982	6235864	9414161	7.374	5.707
19)	B Endosulfa...	6.423	7.204	5383430	10592324	5.874	5.784
20)	A Methoxychlor	6.688	7.527	2396768	4706403	6.109	5.334
21)	B Endrin ke...	6.907	7.673	6034390	11975439	5.491	5.827
22)	Mirex	7.081	8.126	6448426	9061173	7.673	6.186
24)	Chlordane-2	0.000	5.437f	0	12815803	N.D.	186.831 #
25)	Chlordane-3	5.169	6.055	6519658	15030866	66.578	53.272
26)	Chlordane-4	5.226	6.128	6427427	13556127	73.910	40.145 #
27)	Chlordane-5	6.044	0.000	6330864	0	182.979	N.D. #

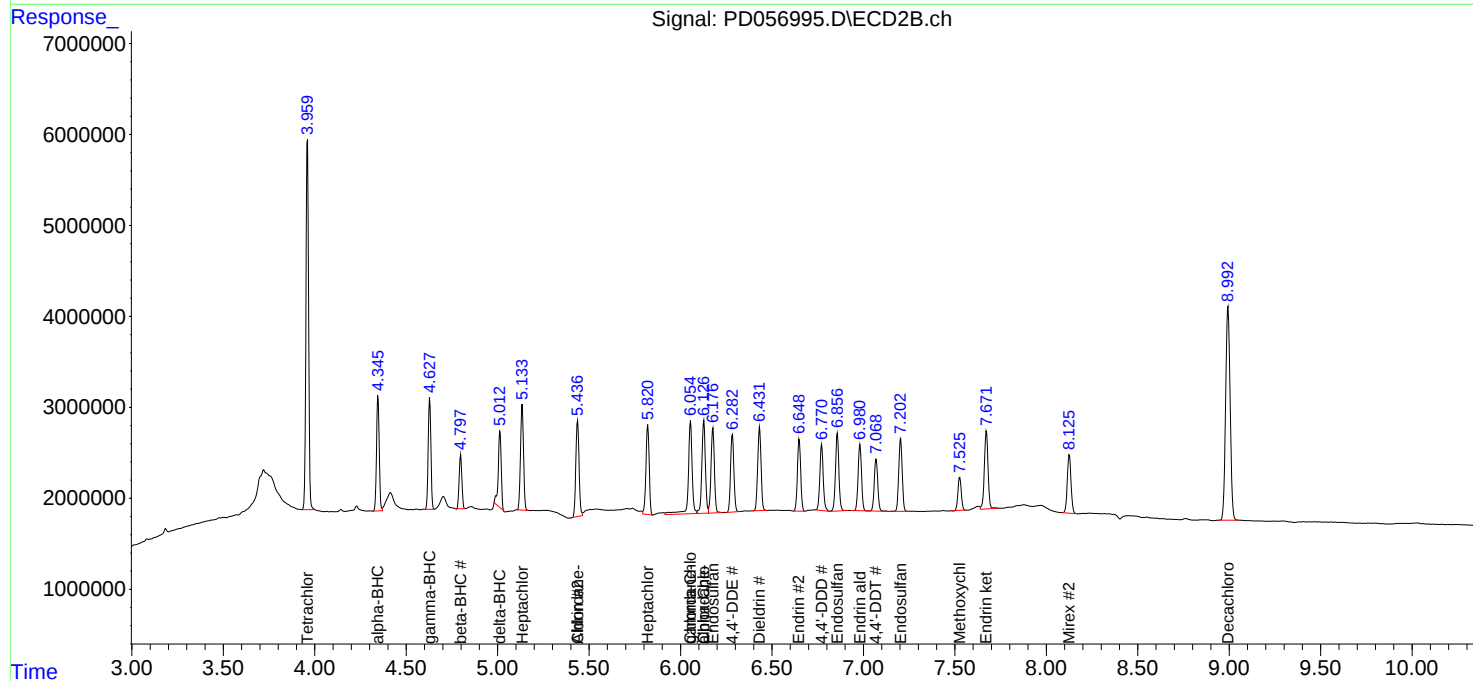
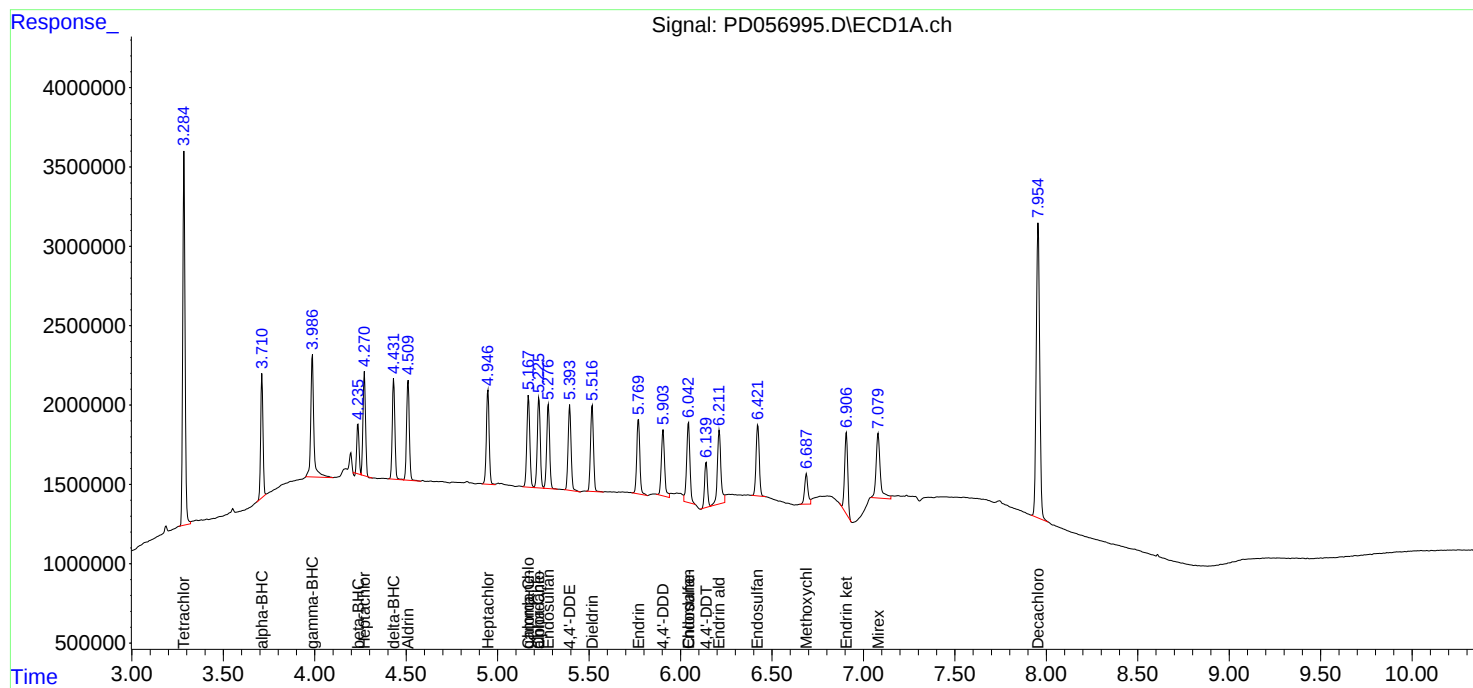
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

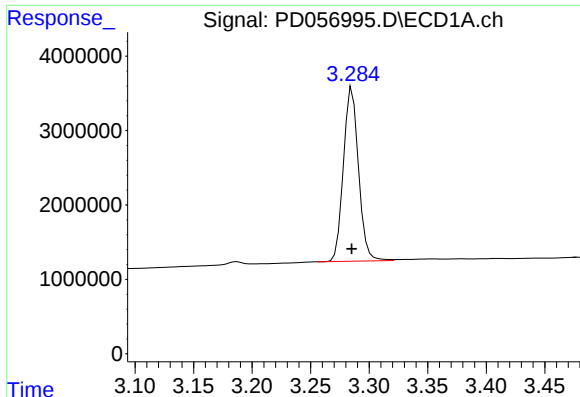
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 10:03
Operator : AJ\MA
Sample : L1161-02
Misc : LOQ 5 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:08:51 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

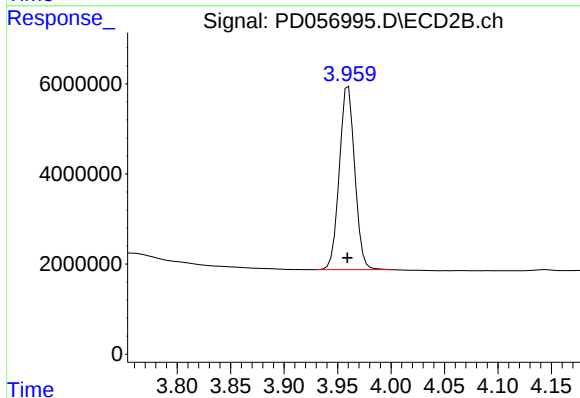




#1 Tetrachloro-m-xylene

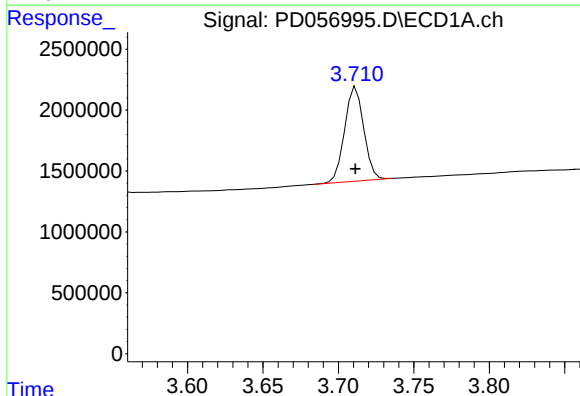
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 20936486
Conc: 25.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



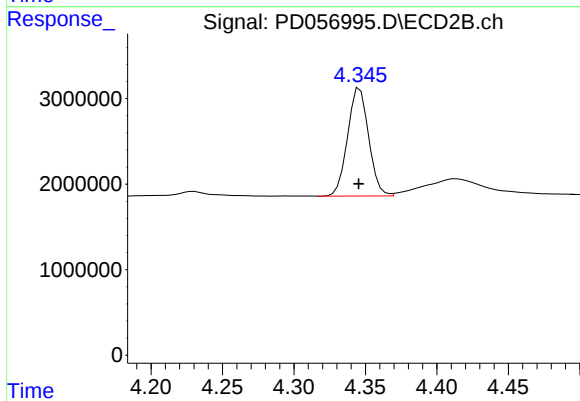
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 40984031
Conc: 25.05 ng/ml



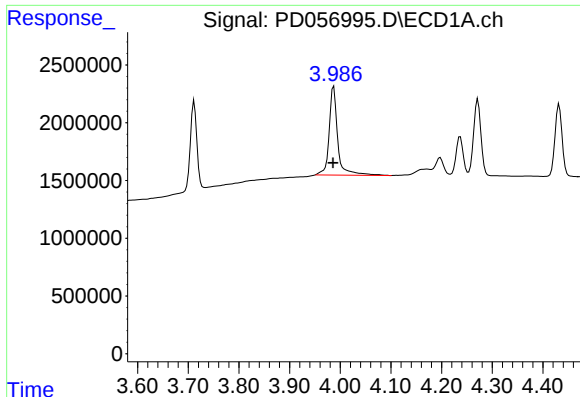
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 6827752
Conc: 5.23 ng/ml



#2 alpha-BHC

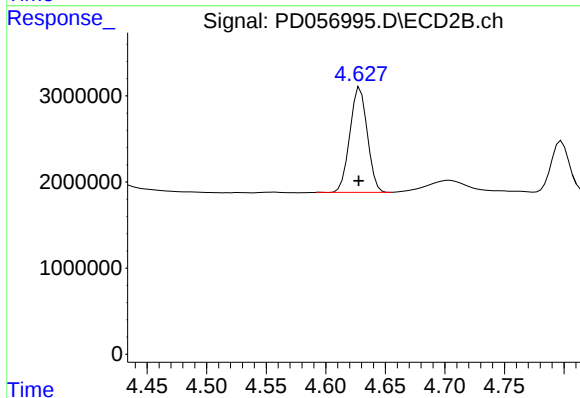
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 12910136
Conc: 5.10 ng/ml



#3 gamma-BHC (Lindane)

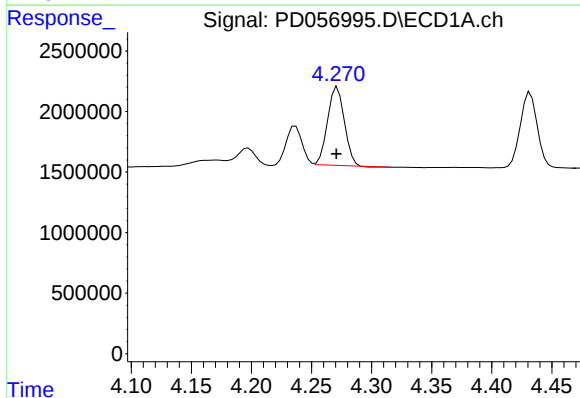
R.T.: 3.987 min
Delta R.T.: 0.001 min
Response: 9028755
Conc: 6.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



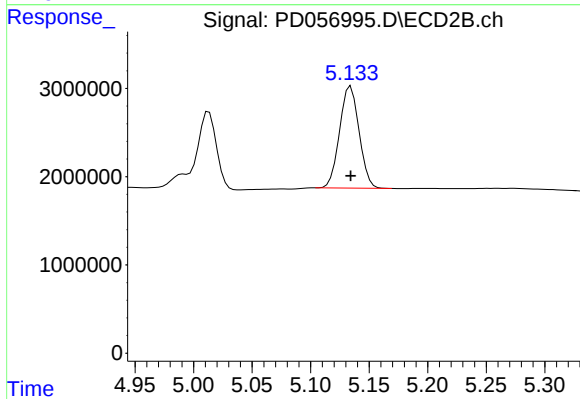
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 12454822
Conc: 5.10 ng/ml



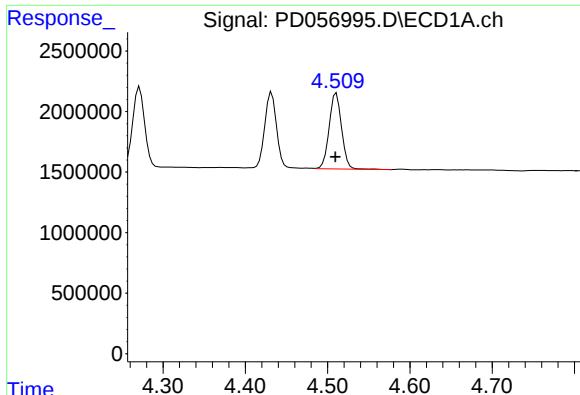
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 6299210
Conc: 5.40 ng/ml



#4 Heptachlor

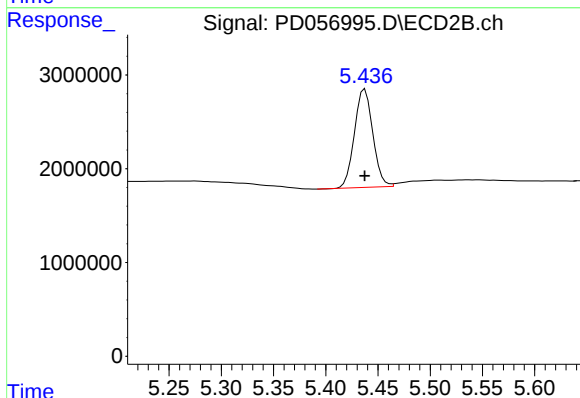
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 13394162
Conc: 5.60 ng/ml



#5 Aldrin

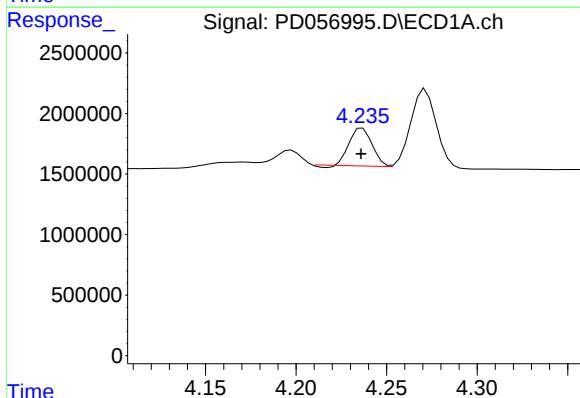
R.T.: 4.511 min
Delta R.T.: 0.001 min
Response: 6602307
Conc: 5.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



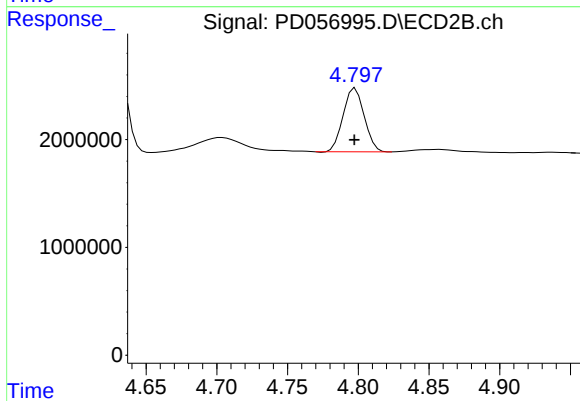
#5 Aldrin

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 12815803
Conc: 5.65 ng/ml



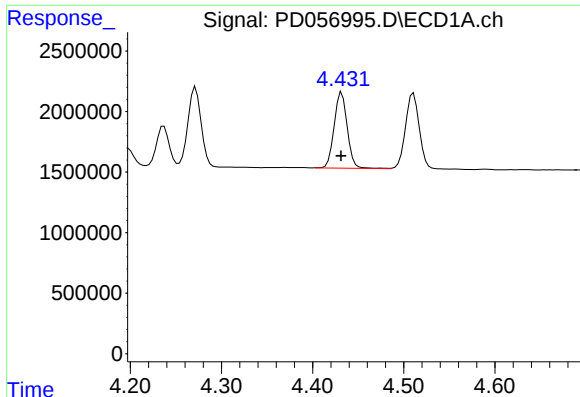
#6 beta-BHC

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 2704066
Conc: 5.23 ng/ml



#6 beta-BHC

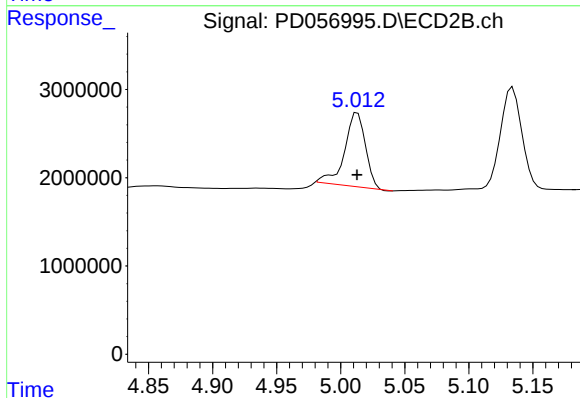
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 6140066
Conc: 5.84 ng/ml



#7 delta-BHC

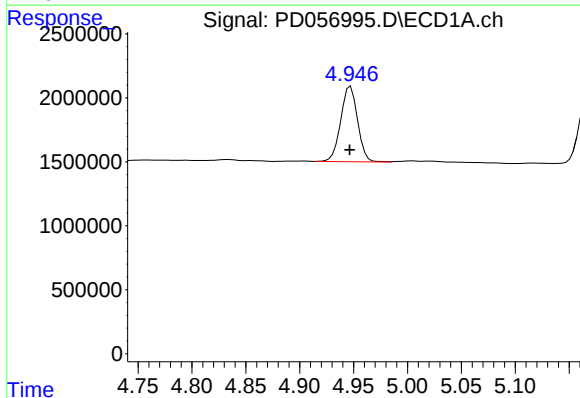
R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 6270462
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



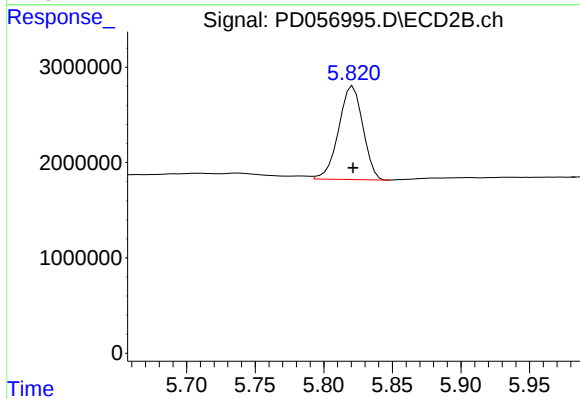
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 9492763
Conc: 4.24 ng/ml



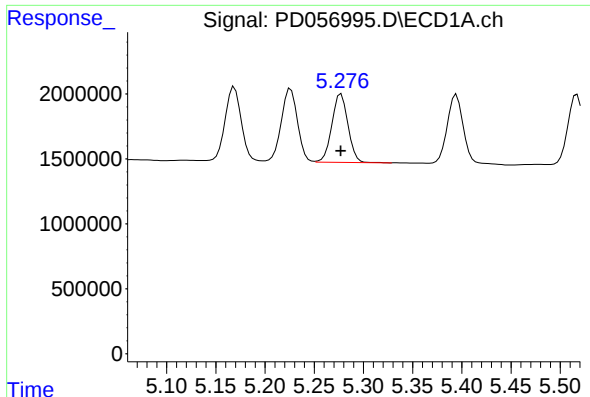
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 6442714
Conc: 6.00 ng/ml



#8 Heptachlor epoxide

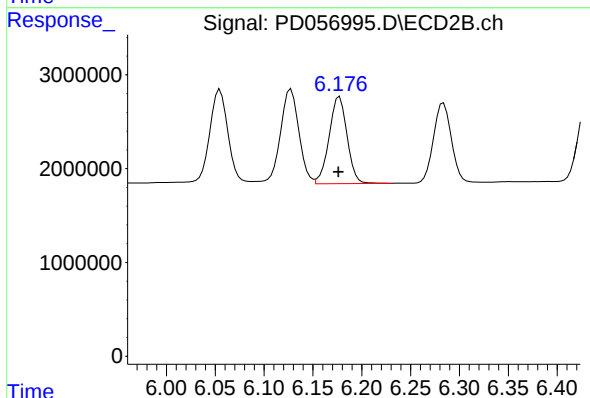
R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 12059633
Conc: 5.55 ng/ml



#9 Endosulfan I

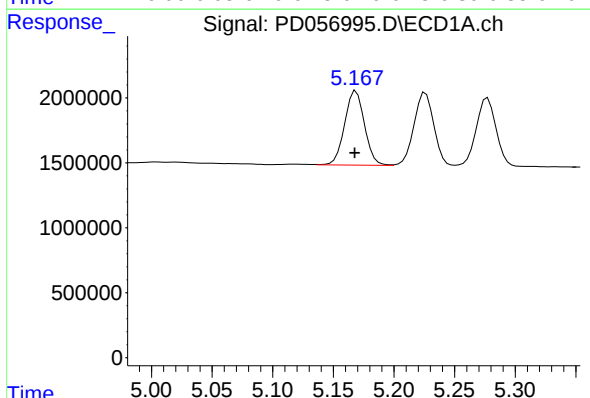
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 6001814
Conc: 6.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



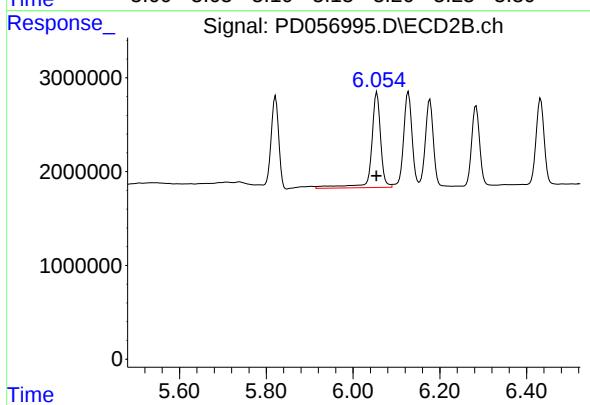
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.001 min
Response: 11907248
Conc: 5.87 ng/ml



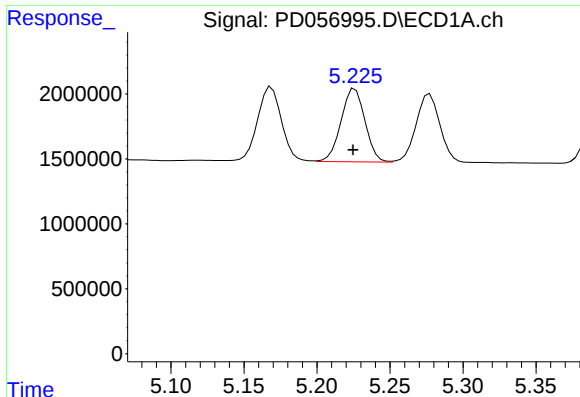
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 6519658
Conc: 6.00 ng/ml



#10 gamma-Chlordane

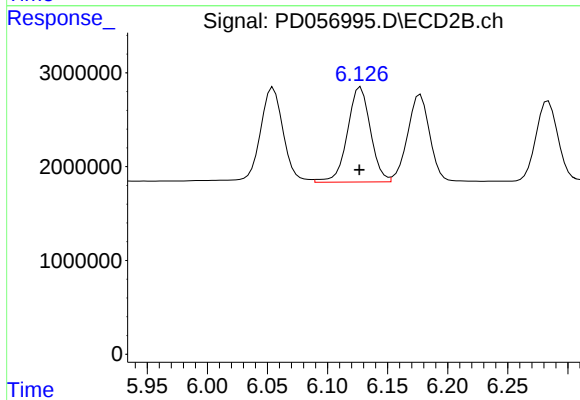
R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 15030866
Conc: 6.75 ng/ml



#11 alpha-Chlordane

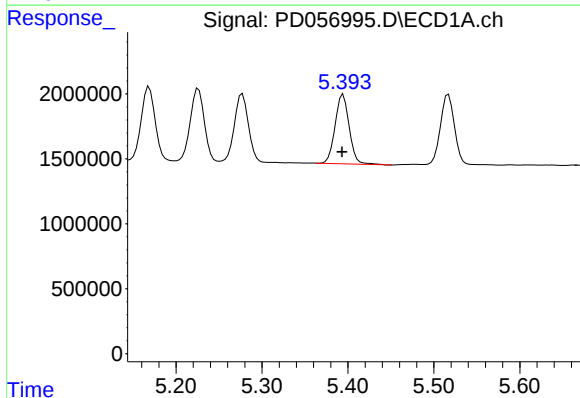
R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 6427427
Conc: 5.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



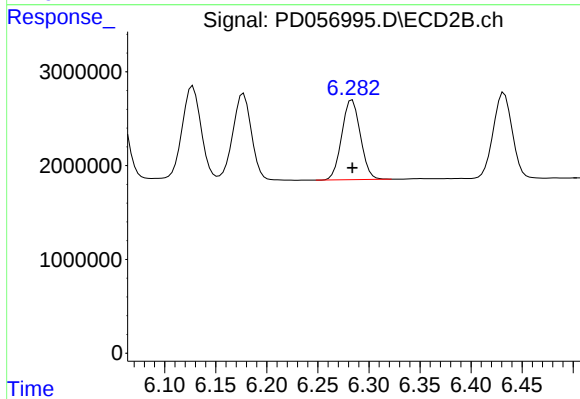
#11 alpha-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.001 min
Response: 13556127
Conc: 6.09 ng/ml



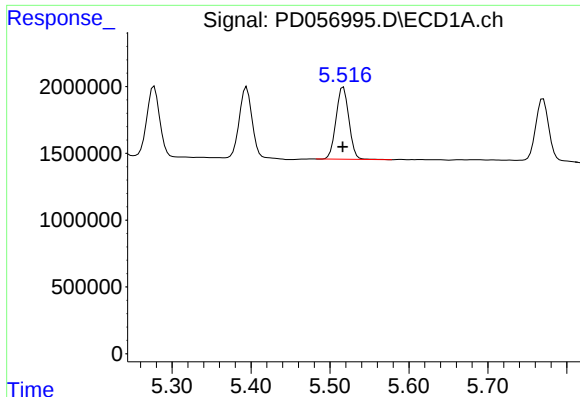
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.001 min
Response: 6069855
Conc: 6.43 ng/ml



#12 4,4'-DDE

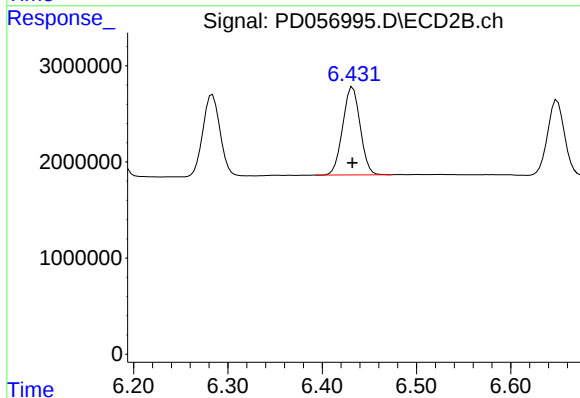
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 10798779
Conc: 5.41 ng/ml



#13 Dieldrin

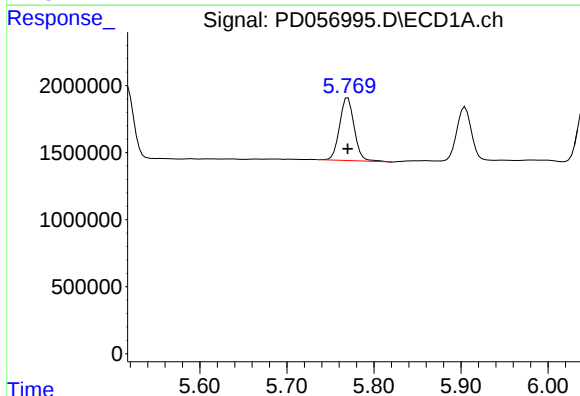
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 6136768
Conc: 5.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



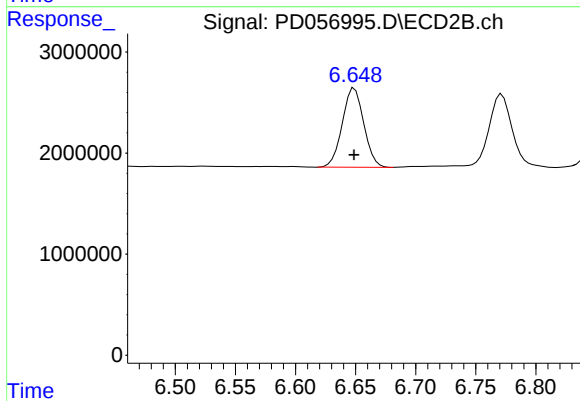
#13 Dieldrin

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 11792930
Conc: 5.51 ng/ml



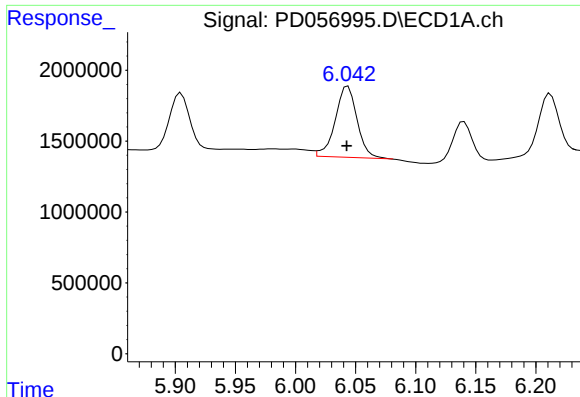
#14 Endrin

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 5505543
Conc: 6.19 ng/ml



#14 Endrin

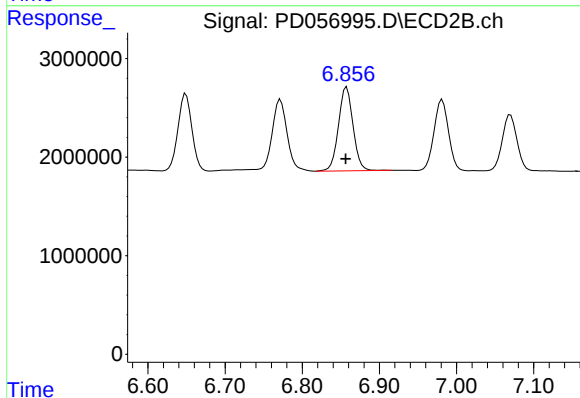
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 9770758
Conc: 5.68 ng/ml



#15 Endosulfan II

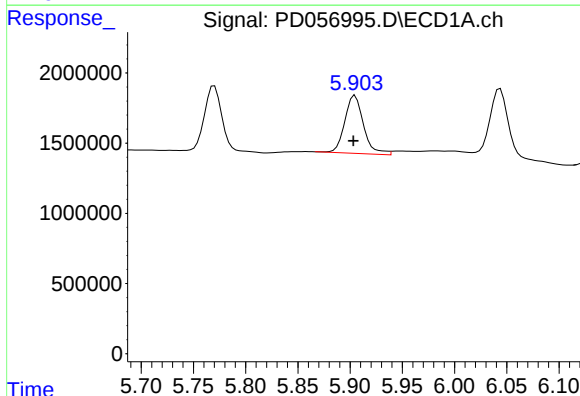
R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 6330864
Conc: 6.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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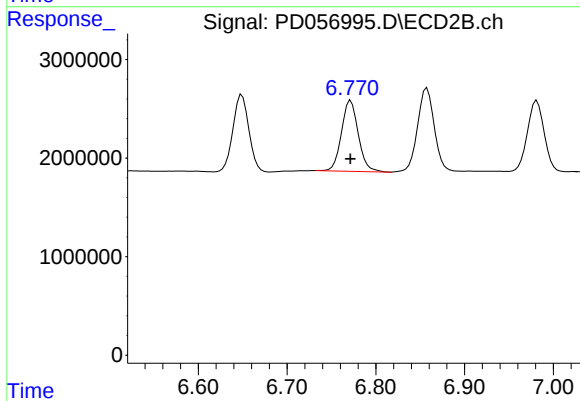
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.001 min
Response: 11156837
Conc: 5.85 ng/ml



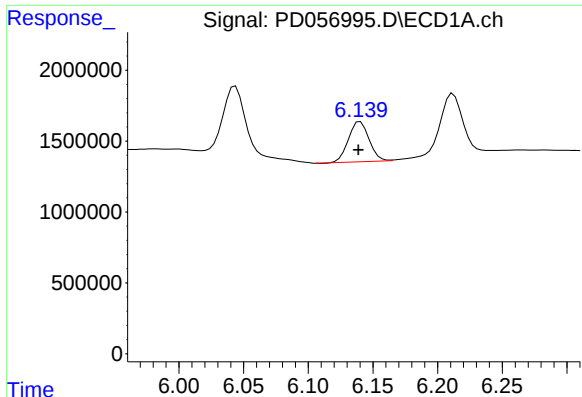
#16 4,4'-DDD

R.T.: 5.905 min
Delta R.T.: 0.001 min
Response: 5150215
Conc: 6.14 ng/ml



#16 4,4'-DDD

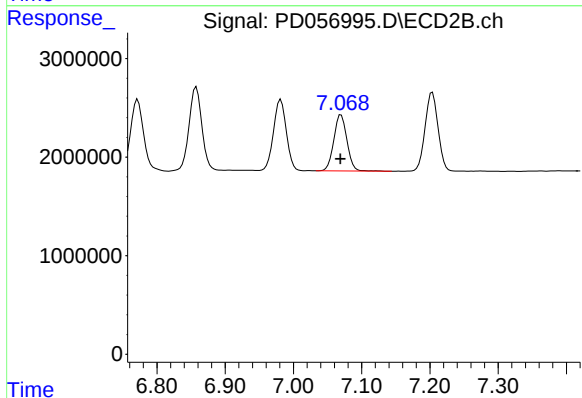
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 9463297
Conc: 5.63 ng/ml



#17 4,4'-DDT

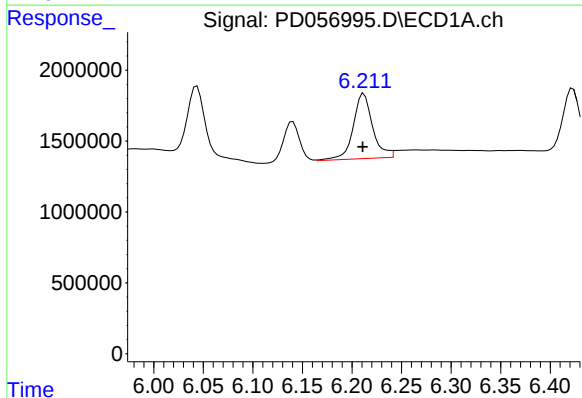
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 3119503
Conc: 4.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



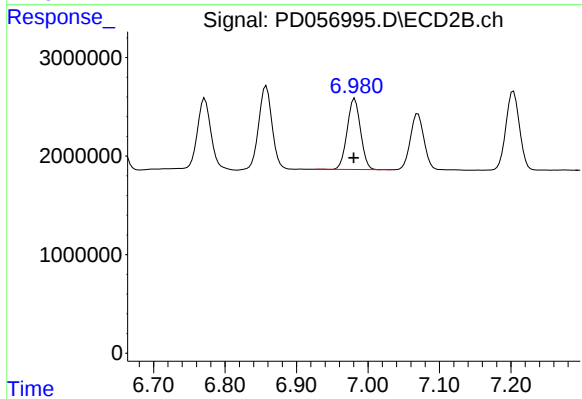
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 7653202
Conc: 4.97 ng/ml



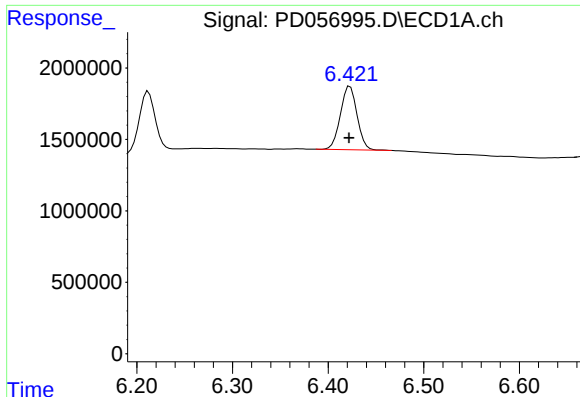
#18 Endrin aldehyde

R.T.: 6.212 min
Delta R.T.: 0.001 min
Response: 6235864
Conc: 7.37 ng/ml



#18 Endrin aldehyde

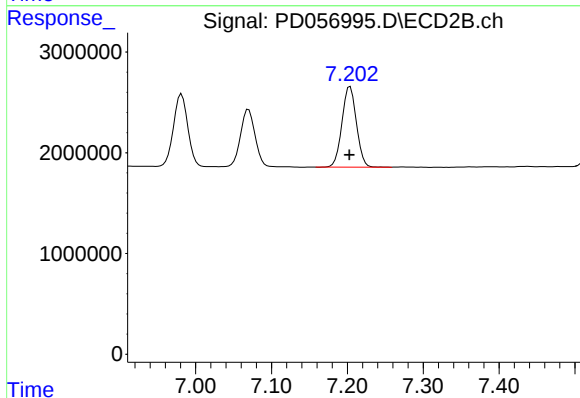
R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 9414161
Conc: 5.71 ng/ml



#19 Endosulfan Sulfate

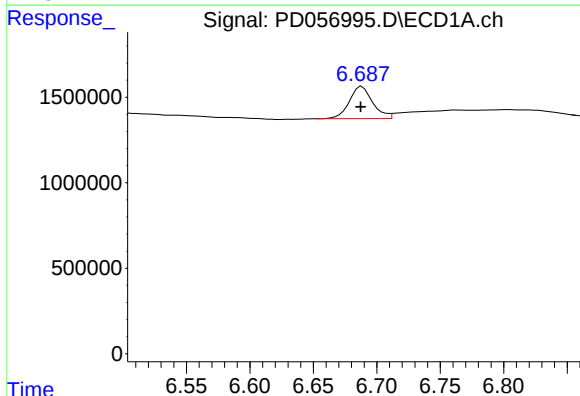
R.T.: 6.423 min
Delta R.T.: 0.001 min
Response: 5383430
Conc: 5.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



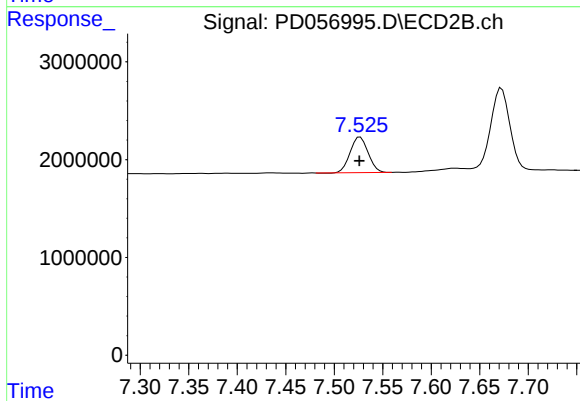
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.000 min
Response: 10592324
Conc: 5.78 ng/ml



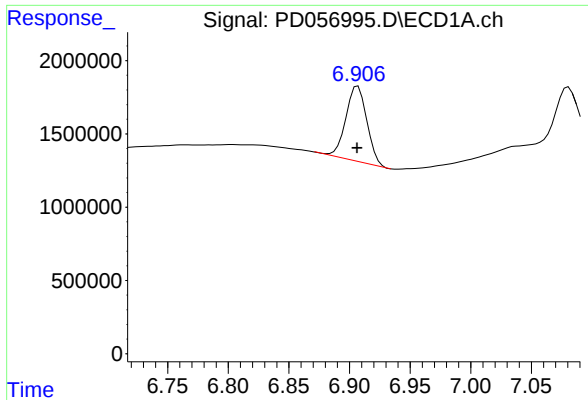
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.001 min
Response: 2396768
Conc: 6.11 ng/ml



#20 Methoxychlor

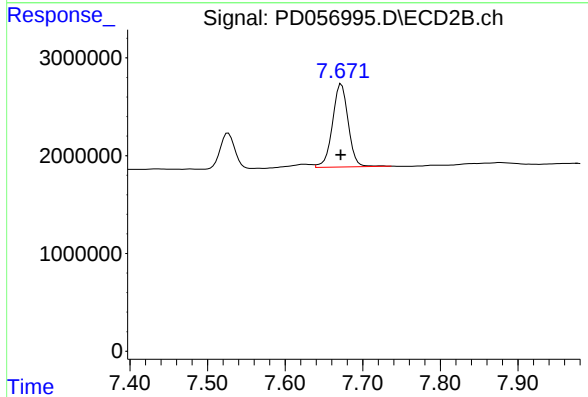
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 4706403
Conc: 5.33 ng/ml



#21 Endrin ketone

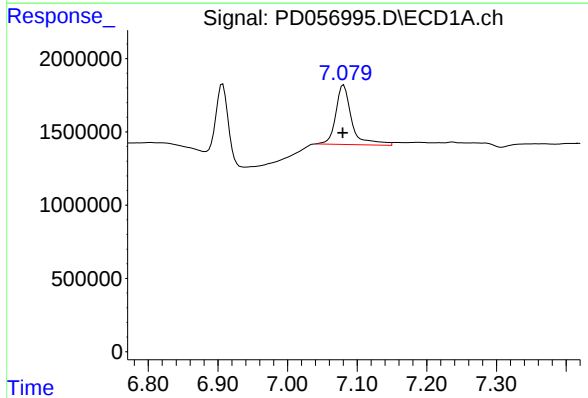
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 6034390
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



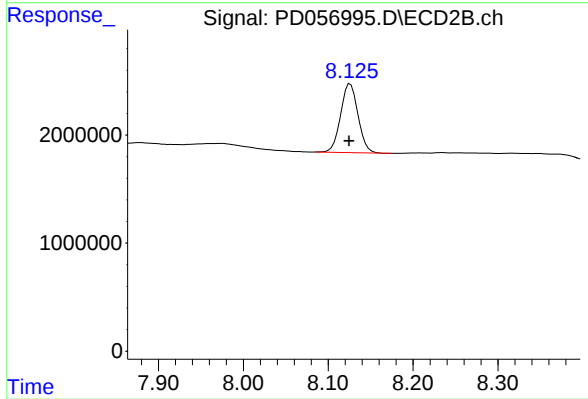
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.001 min
Response: 11975439
Conc: 5.83 ng/ml



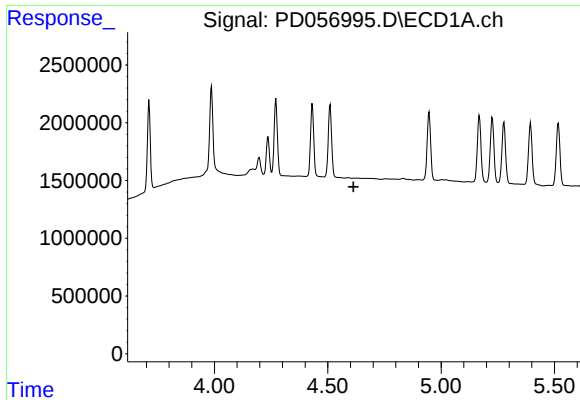
#22 Mirex

R.T.: 7.081 min
Delta R.T.: 0.001 min
Response: 6448426
Conc: 7.67 ng/ml



#22 Mirex

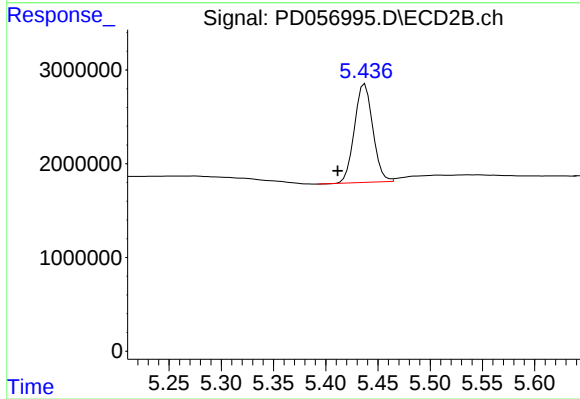
R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 9061173
Conc: 6.19 ng/ml



#24 Chlordane-2

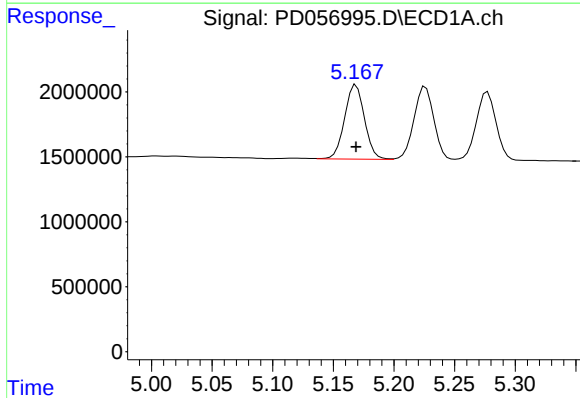
R.T.: 0.000 min
Exp R.T.: 4.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



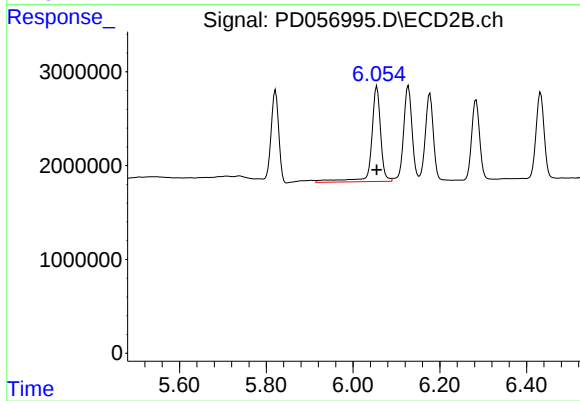
#24 Chlordane-2

R.T.: 5.437 min
Delta R.T.: 0.026 min
Response: 12815803
Conc: 186.83 ng/ml



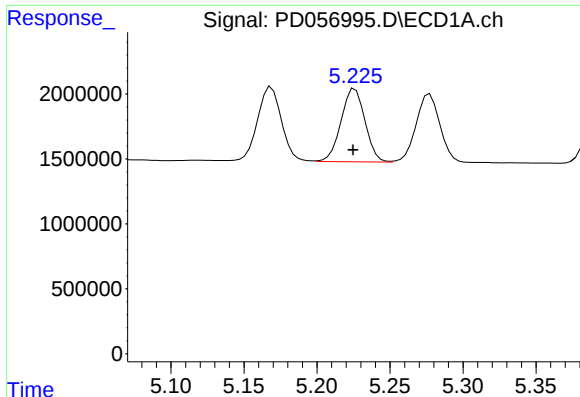
#25 Chlordane-3

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 6519658
Conc: 66.58 ng/ml



#25 Chlordane-3

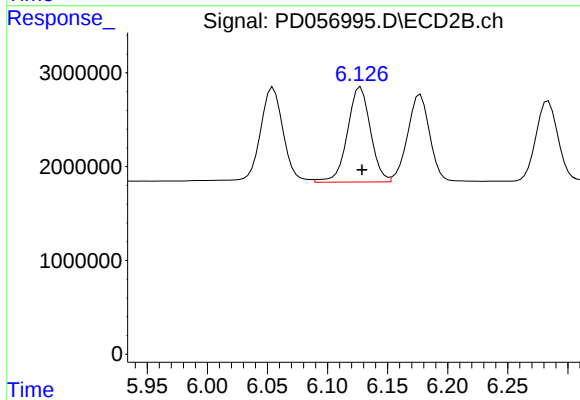
R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 15030866
Conc: 53.27 ng/ml



#26 Chlordane-4

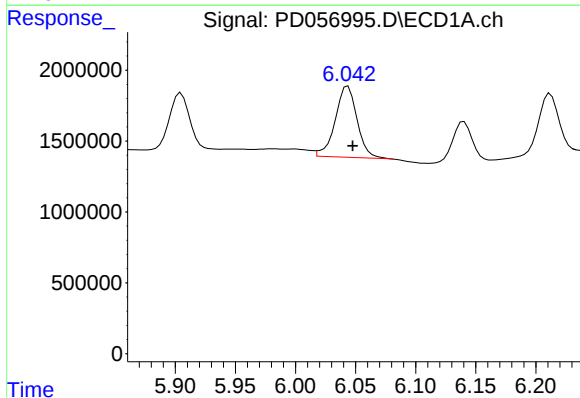
R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 6427427
Conc: 73.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



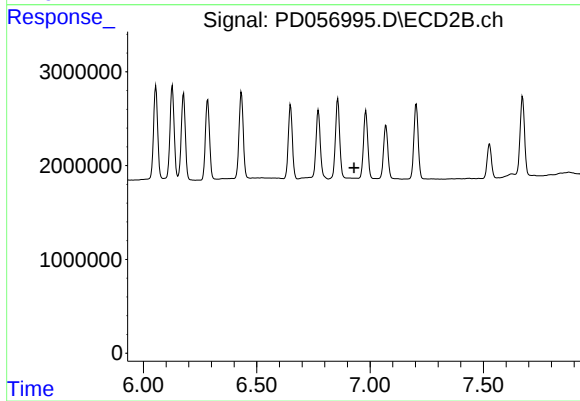
#26 Chlordane-4

R.T.: 6.128 min
Delta R.T.: -0.001 min
Response: 13556127
Conc: 40.14 ng/ml



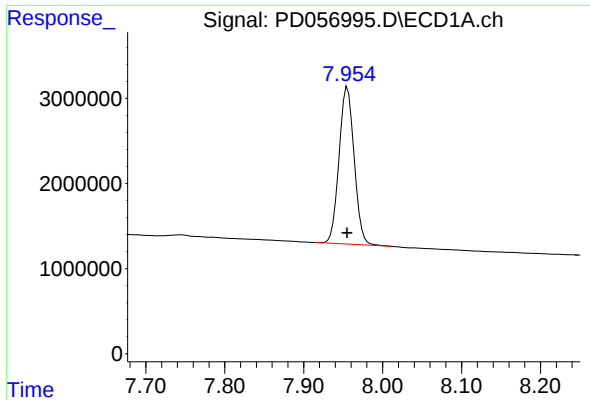
#27 Chlordane-5

R.T.: 6.044 min
Delta R.T.: -0.004 min
Response: 6330864
Conc: 182.98 ng/ml



#27 Chlordane-5

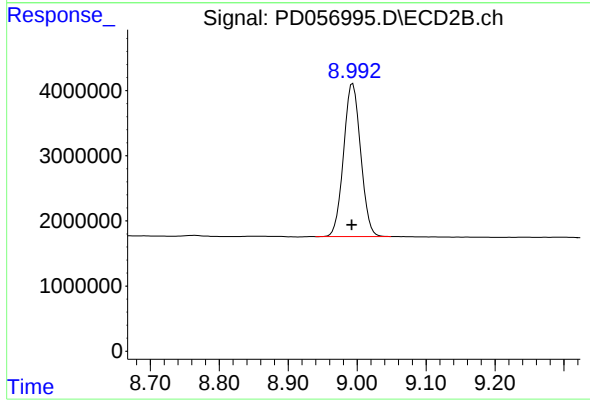
R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 24509656
Conc: 25.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT1-2020



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.002 min
Response: 40426068
Conc: 24.25 ng/ml