

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055746.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:28
 Operator : SG\AJ
 Sample : K5111-02
 Misc : PEST LOQ 5 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:02:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 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...	3.289	3.962	17976928	25912977	21.087	21.517
28)	SA Decachlor...	7.965	8.998	20396218	29740579	21.559	21.372
Target Compounds							
2)	A alpha-BHC	3.716	4.348	5712540	8727287	4.498	4.952
3)	MA gamma-BHC...	3.991	4.631	5576399	8380154	4.655	4.882
4)	MA Heptachlor	4.277	5.137	5191194	8771867	4.873	5.062
5)	MB Aldrin	4.517	5.441	5324982	8709721	4.866	5.203
6)	B beta-BHC	4.241	4.800	2621608	4232891	5.201	5.325
7)	B delta-BHC	4.437	5.015	4972497	6728333	4.318	4.198
8)	B Heptachlo...	4.953	5.825	5060407	8365625	4.918	5.180
9)	A Endosulfan I	5.285	6.180	4989360	8496026	5.118	5.409
10)	B gamma-Chl...	5.175	6.058	5380171	11219633	5.042	6.508 #
11)	B alpha-Chl...	5.232	6.131	5295335	9759185	5.017	5.681
12)	B 4,4'-DDE	5.400	6.287	4626569	7790347	4.700	4.871
13)	MA Dieldrin	5.523	6.436	5006125	8632719	4.720	5.109
14)	MA Endrin	5.777	6.653	4507151	6911398	4.700	4.792
15)	B Endosulfa...	6.050	6.861	4622041	8138215	4.769	5.240
16)	A 4,4'-DDD	5.912	6.775	3815343	7198796	4.746	5.268
17)	MA 4,4'-DDT	6.148	7.073	2937269	5834148	4.104	4.371
18)	B Endrin al...	6.219	6.984	7077527	7091595	8.469	5.288 #
19)	B Endosulfa...	6.430	7.207	10317806	7876502	11.518	5.414 #
20)	A Methoxychlor	6.696	7.530	2196037	4110636	5.604	5.139
21)	B Endrin ke...	6.914	7.675	4984871	8901625	4.764	5.366
22)	Mirex	7.089	8.129	4718240	6630102	5.722	5.480
24)	Chlordane-2	0.000	5.441f	0	8709721	N.D.	165.805 #
25)	Chlordane-3	5.175	6.058	5380171	11219633	55.947	51.236
26)	Chlordane-4	5.232	6.131	5295335	9759185	62.967	37.100 #
27)	Chlordane-5	6.050	0.000	4622041	0	152.223	N.D. #

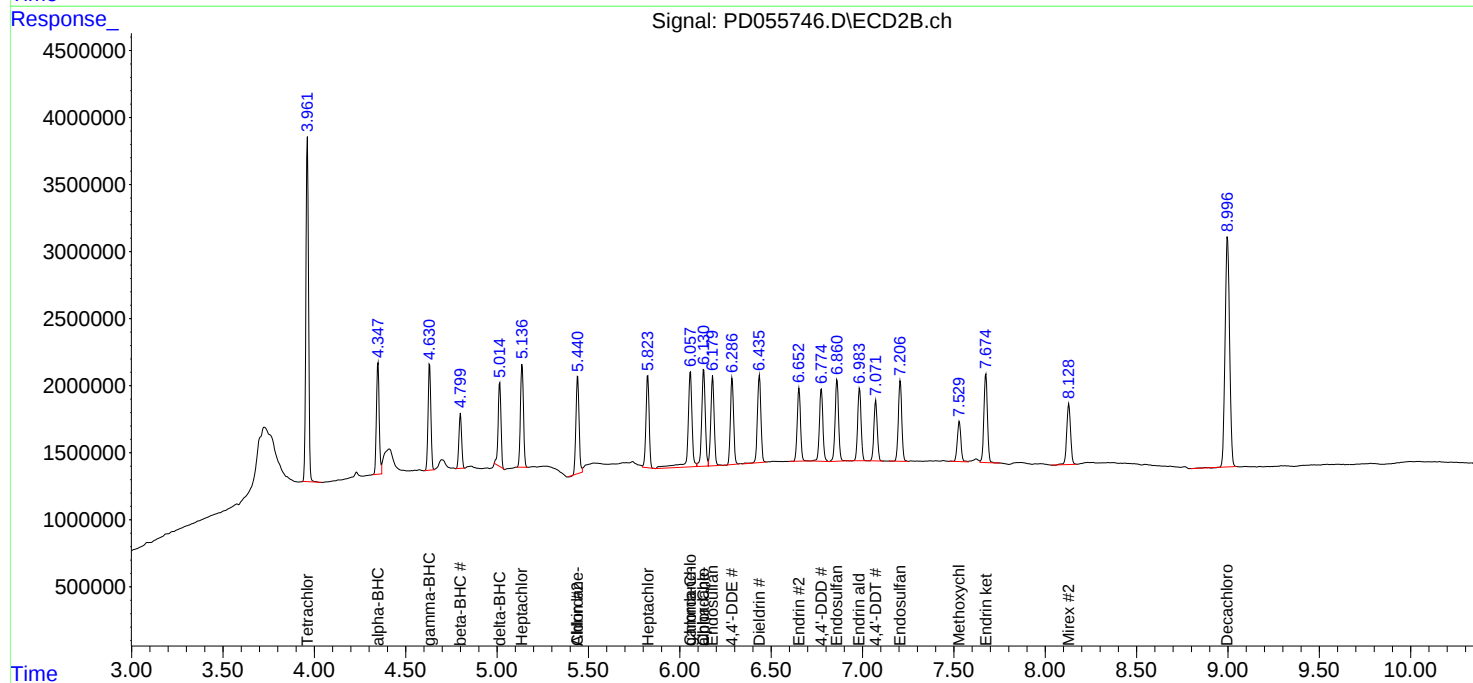
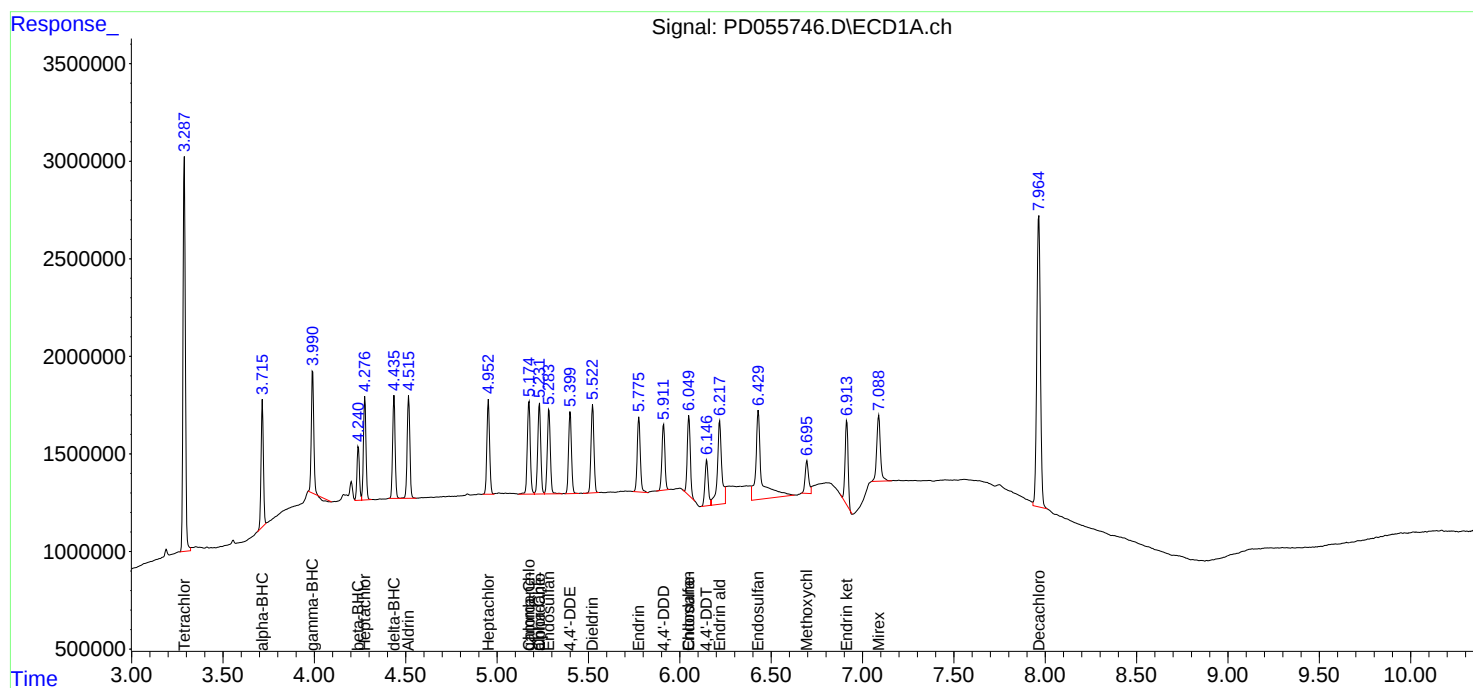
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

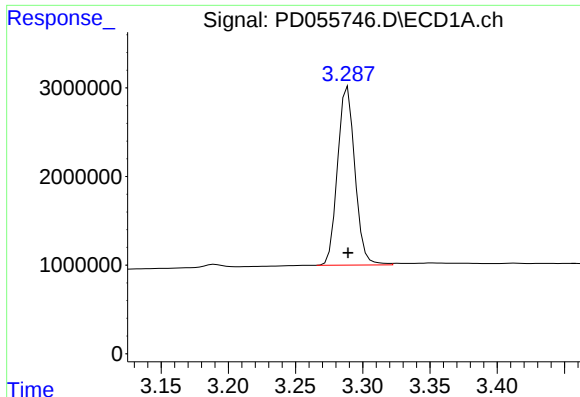
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055746.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 10:28
Operator : SG\AJ
Sample : K5111-02
Misc : PEST LOQ 5 PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:02:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
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

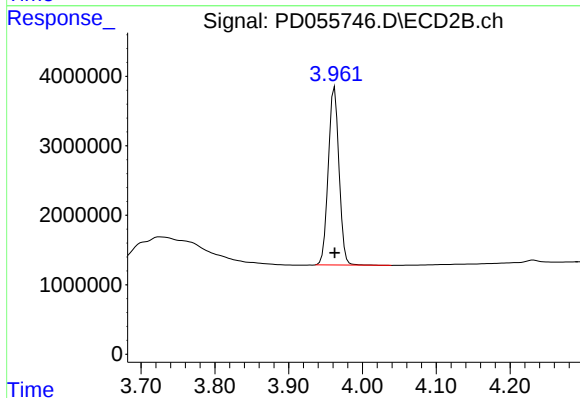




#1 Tetrachloro-m-xylene

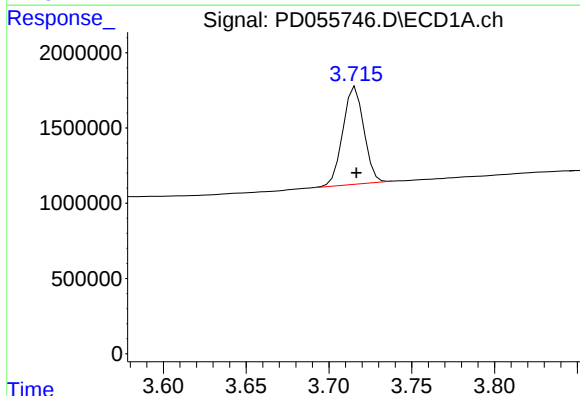
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17976928
Conc: 21.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



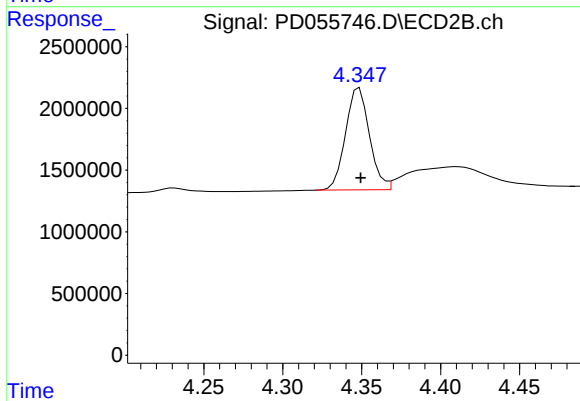
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 25912977
Conc: 21.52 ng/ml



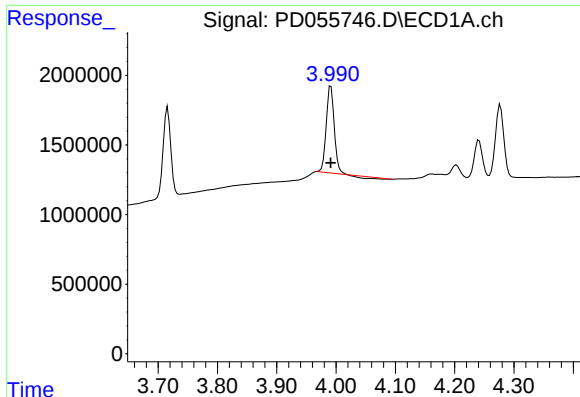
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 5712540
Conc: 4.50 ng/ml



#2 alpha-BHC

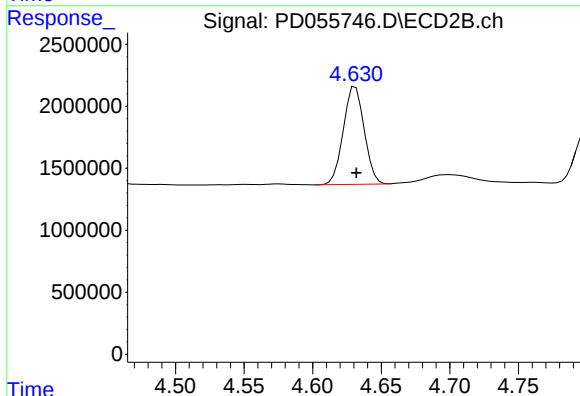
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 8727287
Conc: 4.95 ng/ml



#3 gamma-BHC (Lindane)

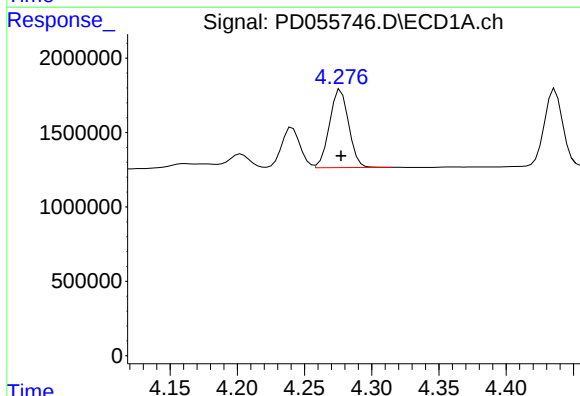
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 5576399
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



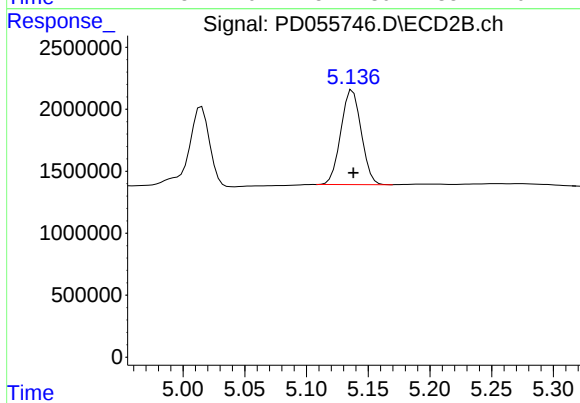
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 8380154
Conc: 4.88 ng/ml



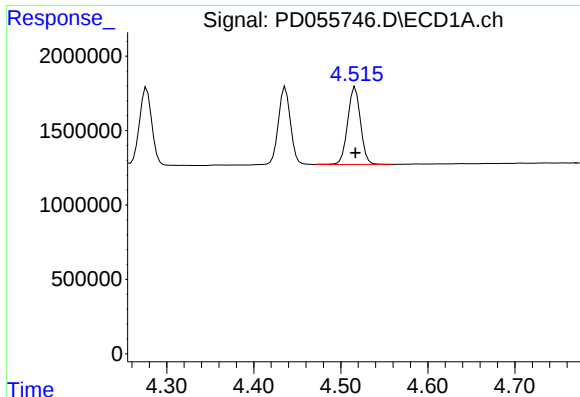
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 5191194
Conc: 4.87 ng/ml



#4 Heptachlor

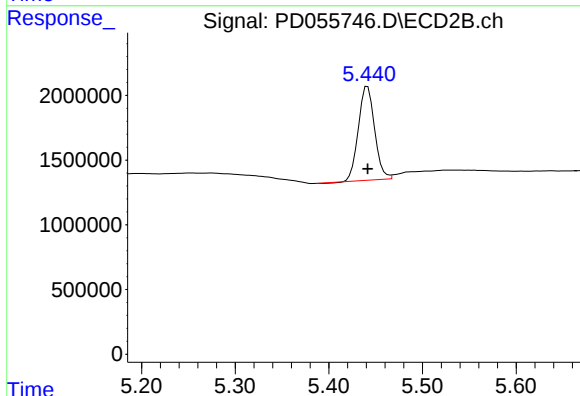
R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 8771867
Conc: 5.06 ng/ml



#5 Aldrin

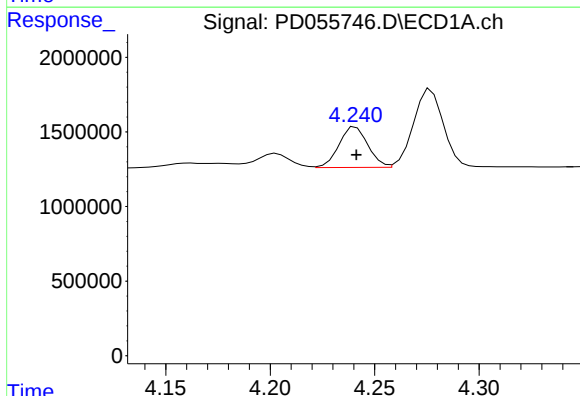
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 5324982
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



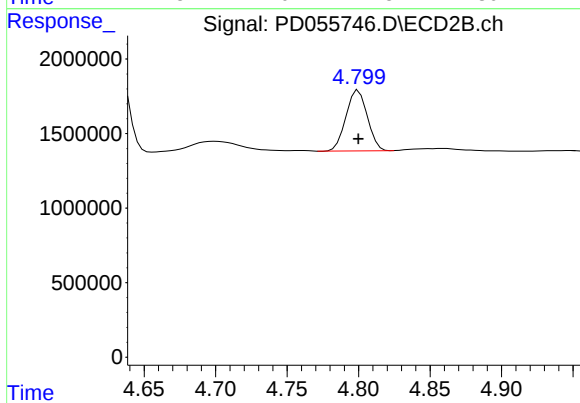
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 8709721
Conc: 5.20 ng/ml



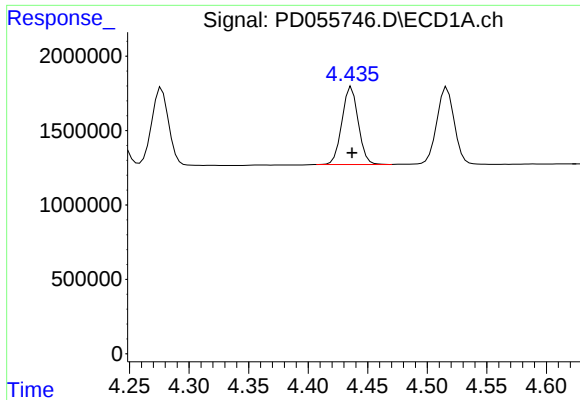
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 2621608
Conc: 5.20 ng/ml



#6 beta-BHC

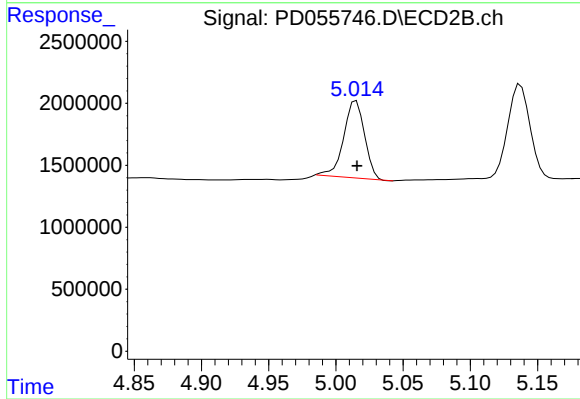
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 4232891
Conc: 5.33 ng/ml



#7 delta-BHC

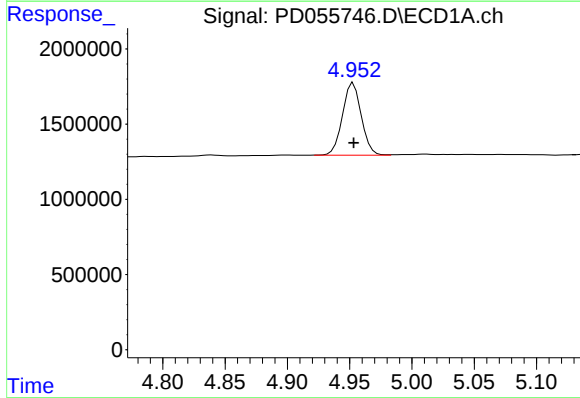
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 4972497
Conc: 4.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



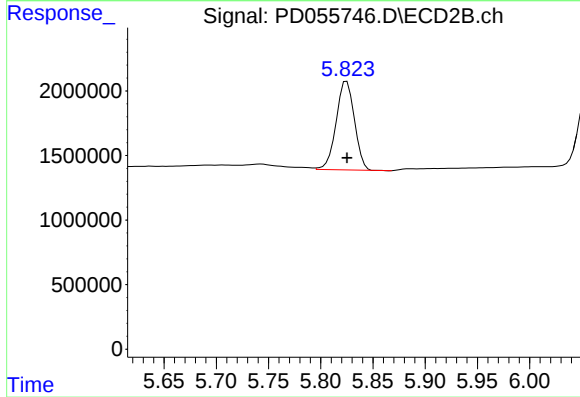
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 6728333
Conc: 4.20 ng/ml



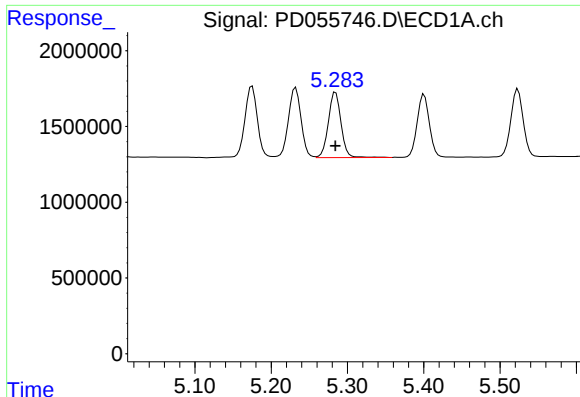
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 5060407
Conc: 4.92 ng/ml



#8 Heptachlor epoxide

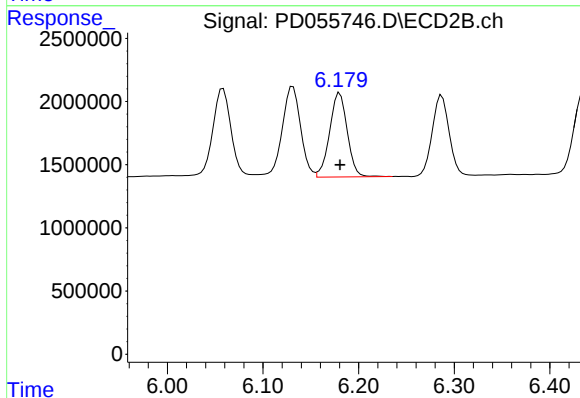
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 8365625
Conc: 5.18 ng/ml



#9 Endosulfan I

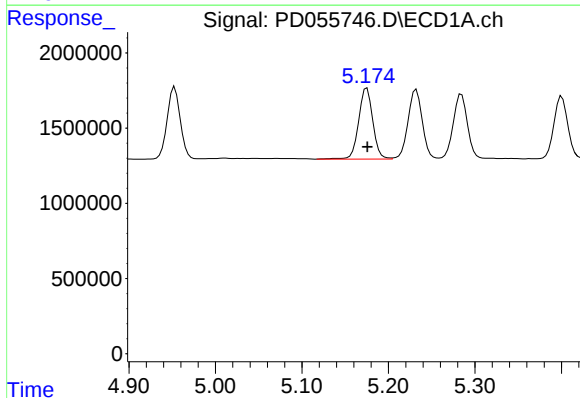
R.T.: 5.285 min
Delta R.T.: 0.000 min
Response: 4989360
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



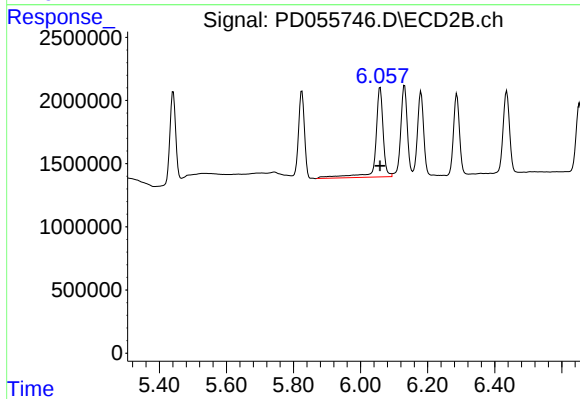
#9 Endosulfan I

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 8496026
Conc: 5.41 ng/ml



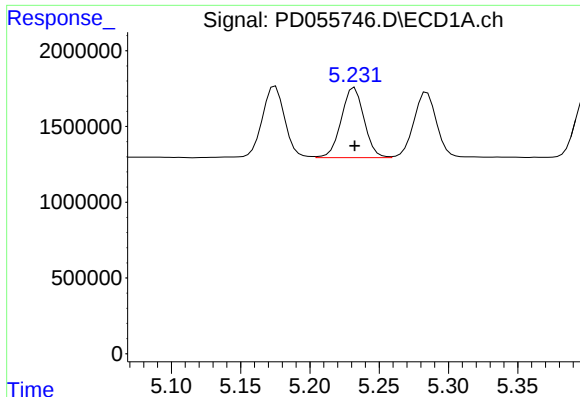
#10 gamma-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 5380171
Conc: 5.04 ng/ml



#10 gamma-Chlordane

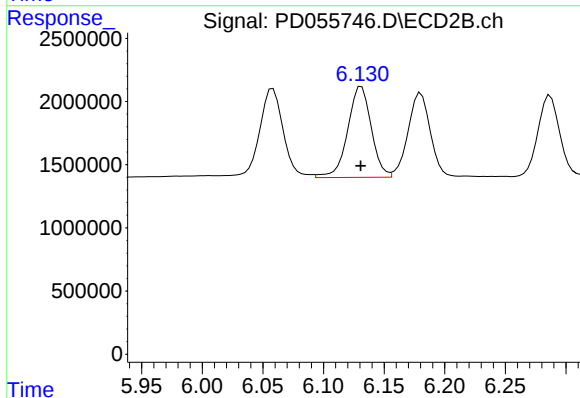
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 11219633
Conc: 6.51 ng/ml



#11 alpha-Chlordane

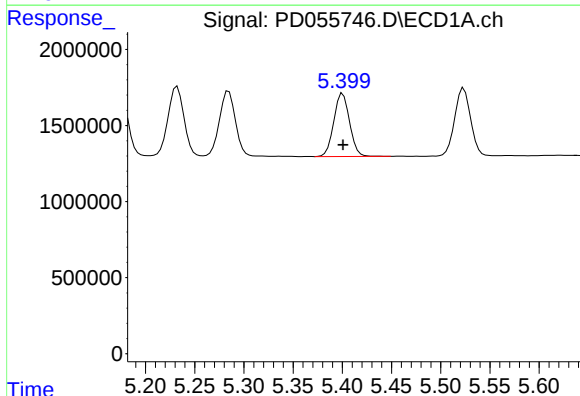
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 5295335
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



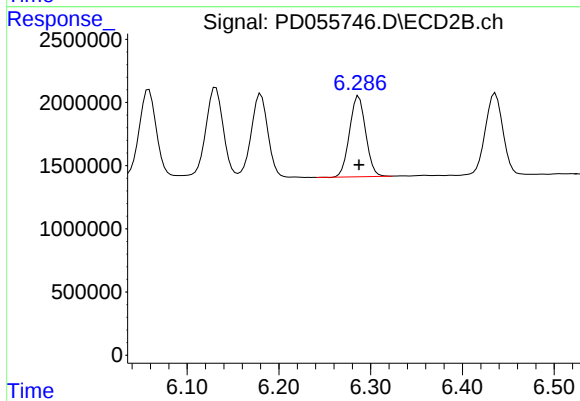
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 9759185
Conc: 5.68 ng/ml



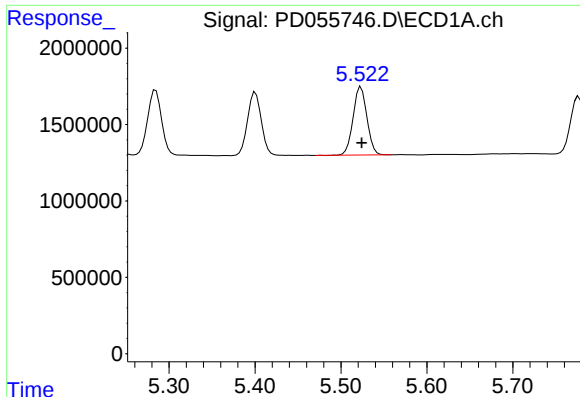
#12 4,4'-DDE

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 4626569
Conc: 4.70 ng/ml



#12 4,4'-DDE

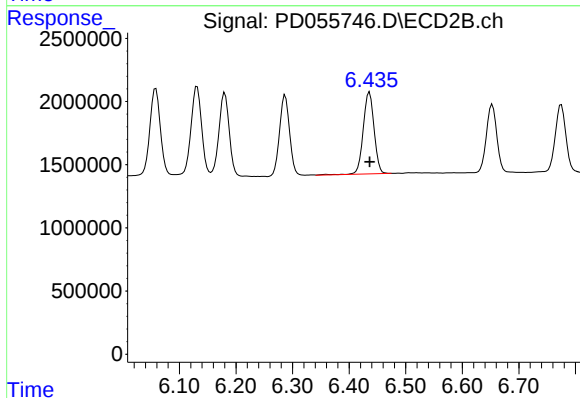
R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 7790347
Conc: 4.87 ng/ml



#13 Dieldrin

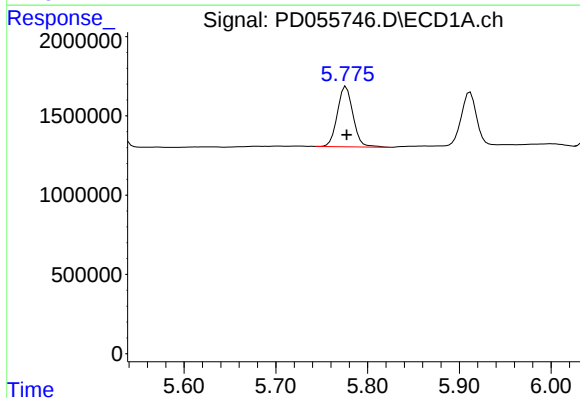
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 5006125
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



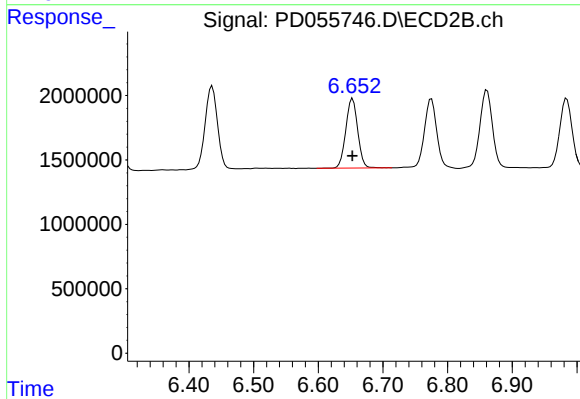
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 8632719
Conc: 5.11 ng/ml



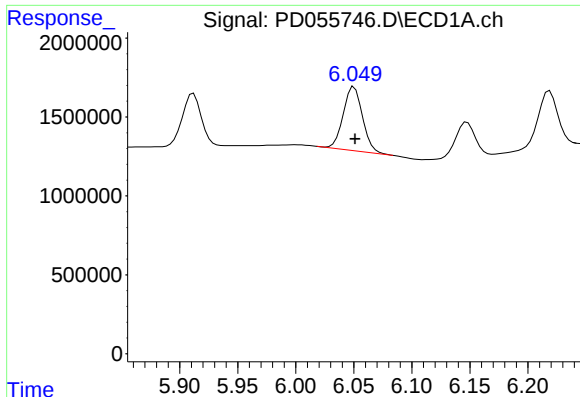
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 4507151
Conc: 4.70 ng/ml



#14 Endrin

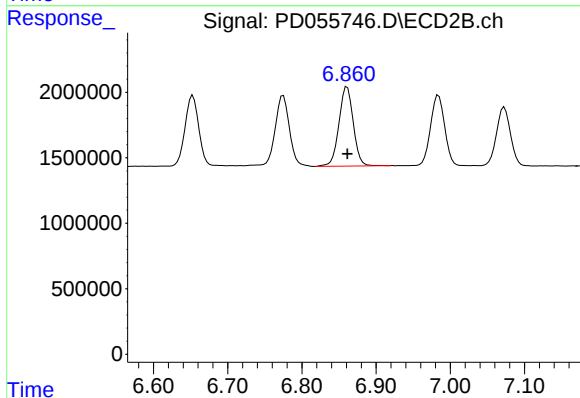
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 6911398
Conc: 4.79 ng/ml



#15 Endosulfan II

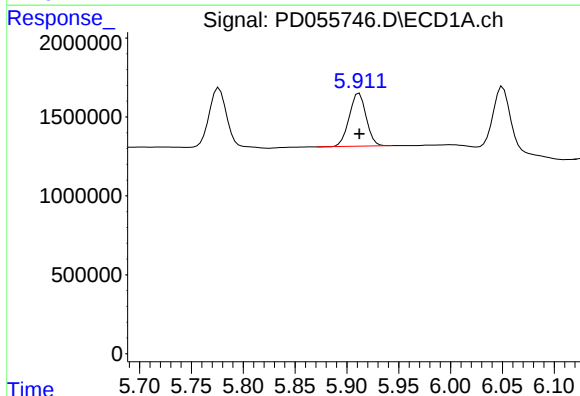
R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 4622041
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



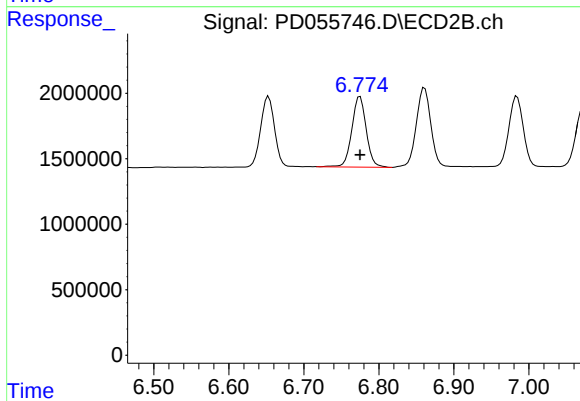
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 8138215
Conc: 5.24 ng/ml



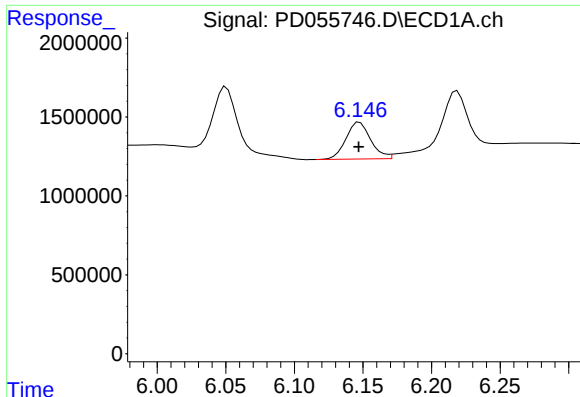
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 3815343
Conc: 4.75 ng/ml



#16 4,4'-DDD

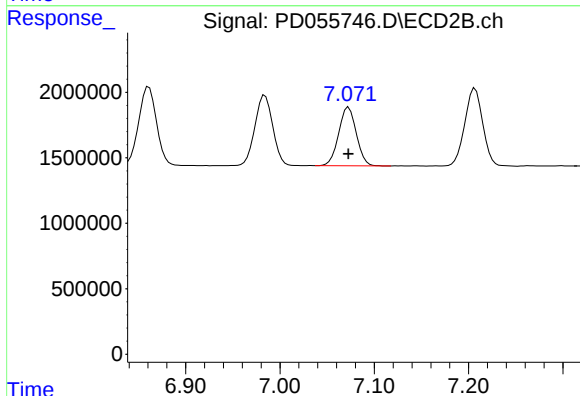
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 7198796
Conc: 5.27 ng/ml



#17 4,4'-DDT

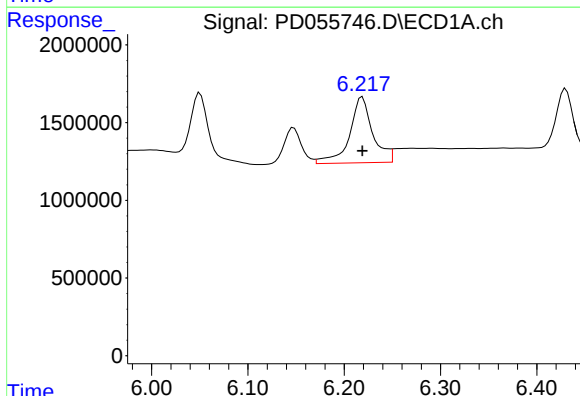
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 2937269
Conc: 4.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



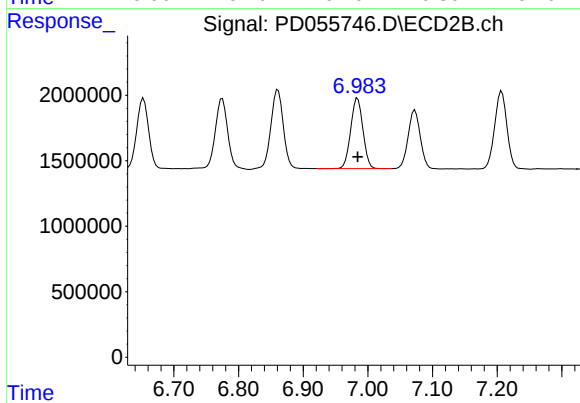
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 5834148
Conc: 4.37 ng/ml



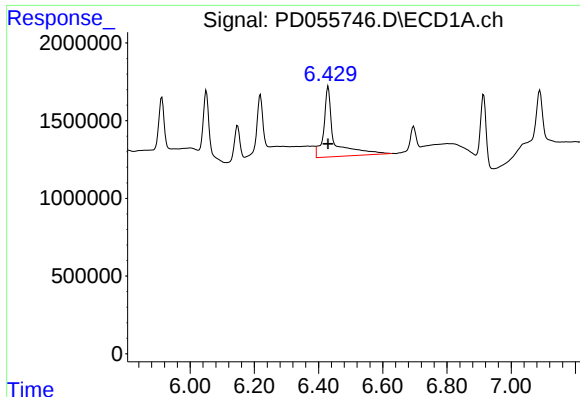
#18 Endrin aldehyde

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 7077527
Conc: 8.47 ng/ml



#18 Endrin aldehyde

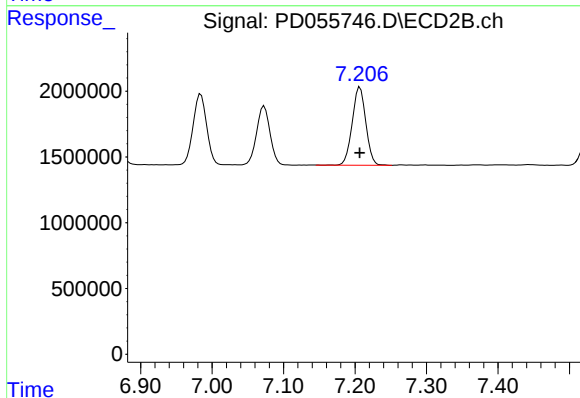
R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 7091595
Conc: 5.29 ng/ml



#19 Endosulfan Sulfate

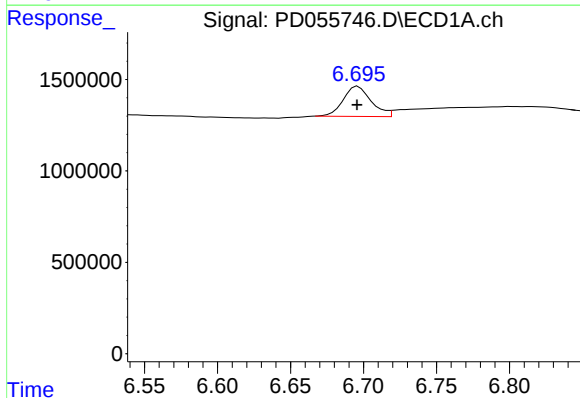
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 10317806
Conc: 11.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



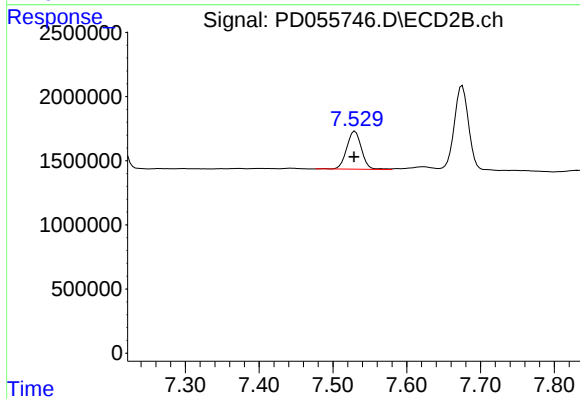
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 7876502
Conc: 5.41 ng/ml



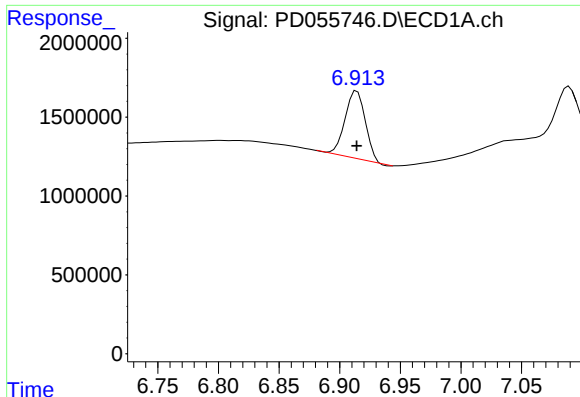
#20 Methoxychlor

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 2196037
Conc: 5.60 ng/ml



#20 Methoxychlor

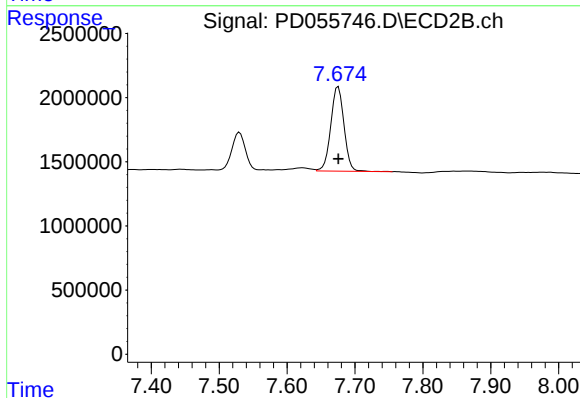
R.T.: 7.530 min
Delta R.T.: 0.001 min
Response: 4110636
Conc: 5.14 ng/ml



#21 Endrin ketone

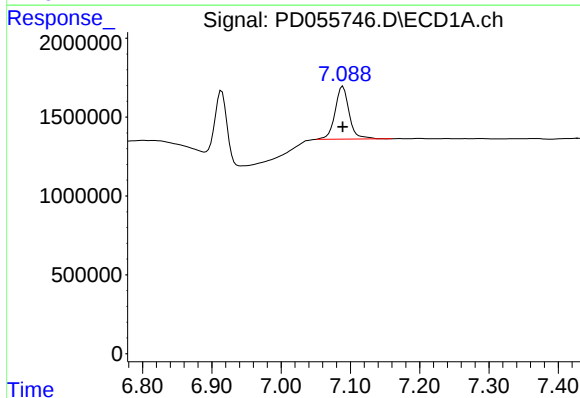
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 4984871
Conc: 4.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



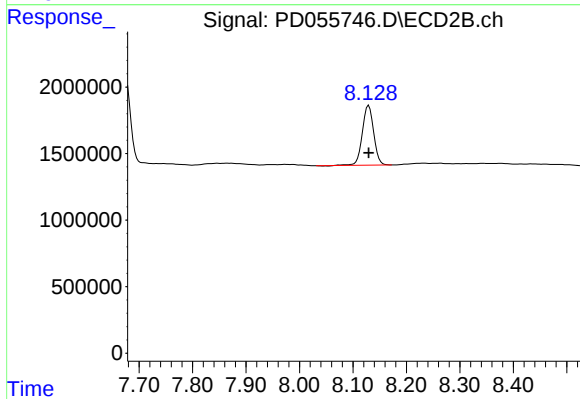
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 8901625
Conc: 5.37 ng/ml



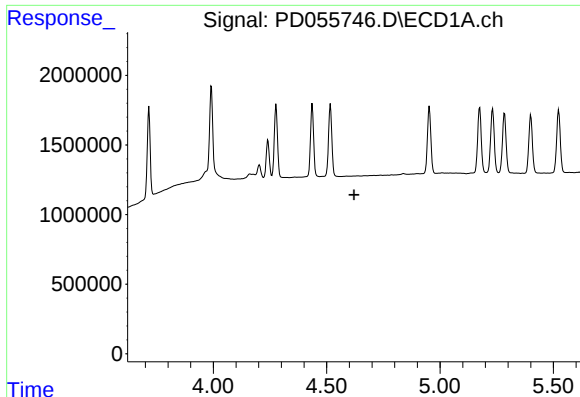
#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 4718240
Conc: 5.72 ng/ml



#22 Mirex

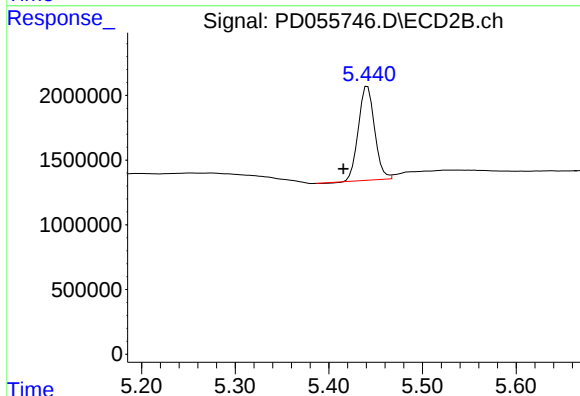
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 6630102
Conc: 5.48 ng/ml



#24 Chlordane-2

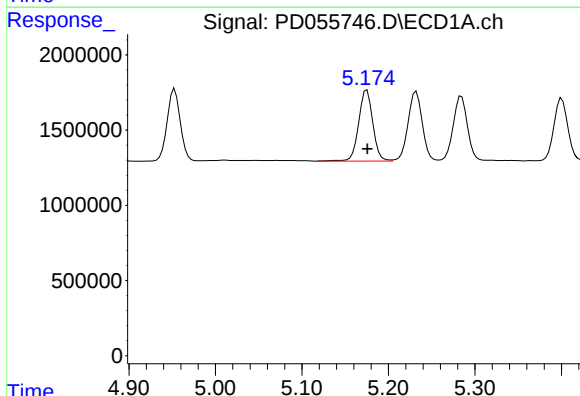
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



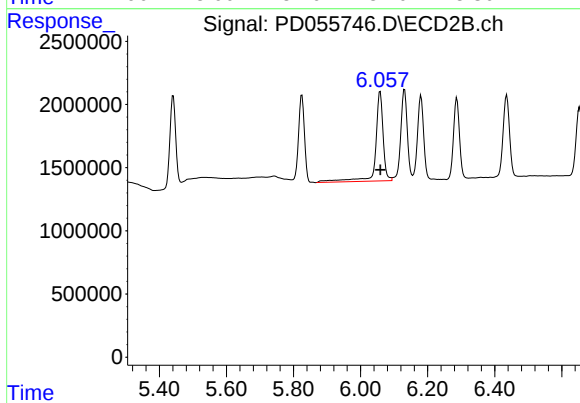
#24 Chlordane-2

R.T.: 5.441 min
Delta R.T.: 0.026 min
Response: 8709721
Conc: 165.81 ng/ml



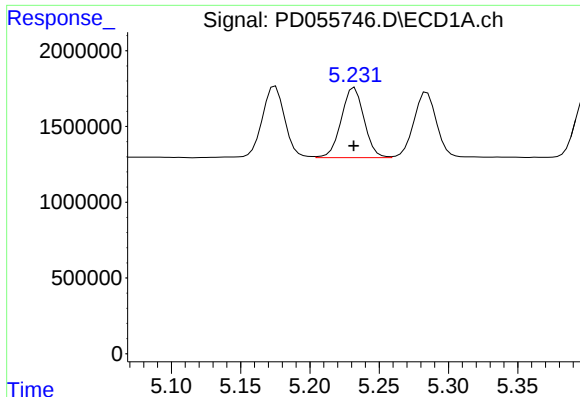
#25 Chlordane-3

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 5380171
Conc: 55.95 ng/ml



#25 Chlordane-3

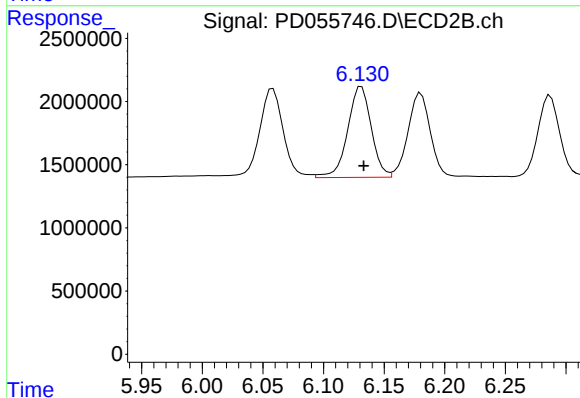
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 11219633
Conc: 51.24 ng/ml



#26 Chlordane-4

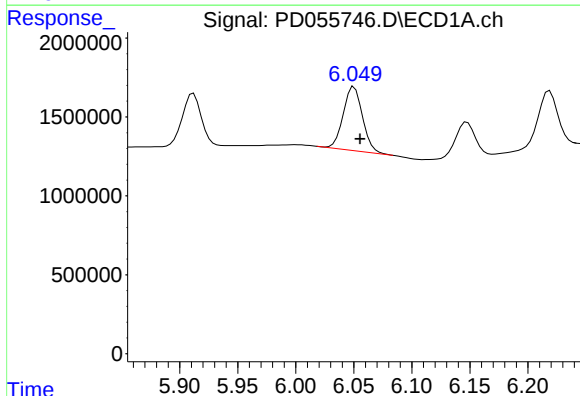
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 5295335
Conc: 62.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



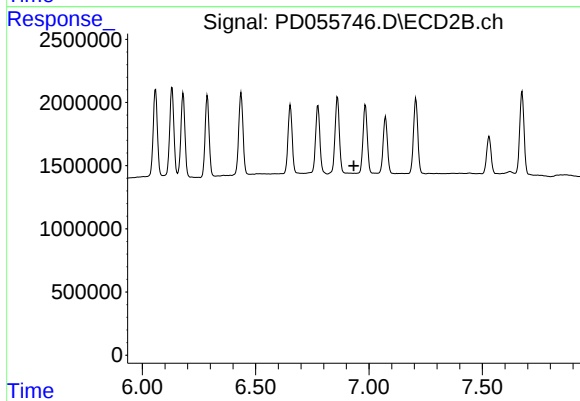
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 9759185
Conc: 37.10 ng/ml



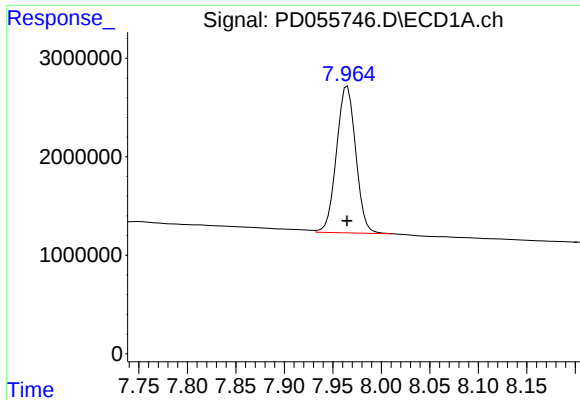
#27 Chlordane-5

R.T.: 6.050 min
Delta R.T.: -0.005 min
Response: 4622041
Conc: 152.22 ng/ml



#27 Chlordane-5

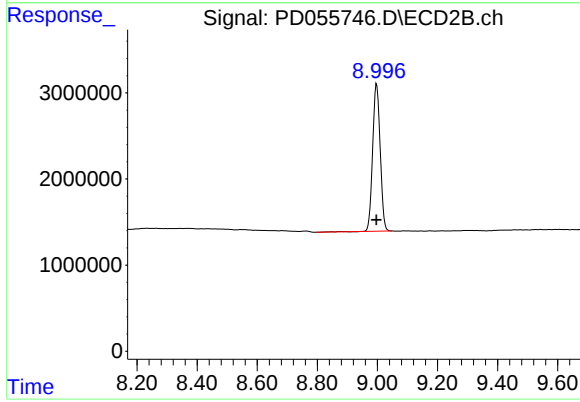
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 20396218
Conc: 21.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT4-2019



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 29740579
Conc: 21.37 ng/ml