

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:00
 Operator : SG\AJ
 Sample : K5111-02
 Misc : CHLOR LOQ 50 PPB (Sig #1); CHLOR LOQ 50PPB (Sig #2)
 ALS Vial : 12 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 04:01:38 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	17090416	23843119	20.047	19.798
28)	SA Decachlor...	7.964	8.999	19287224	31669523	20.387	22.758
Target Compounds							
3)	MA gamma-BHC...	3.998	0.000	598181	0	0.499	N.D. #
4)	MA Heptachlor	4.277	5.137	2172798	4592362	2.040	2.650 #
5)	MB Aldrin	4.531	5.416f	180651	3732354	0.165	2.230 #
7)	B delta-BHC	4.433	0.000	264188	0	0.229	N.D. #
8)	B Heptachlo...	0.000	5.810	0	3780674	N.D.	2.341 #
9)	A Endosulfan I	5.272	0.000	302771	0	0.311	N.D. #
10)	B gamma-Chl...	5.176	6.058	5444918	12130193	5.103	7.036 #
11)	B alpha-Chl...	5.232	6.133	5006601	14574900	4.744	8.484 #
14)	MA Endrin	5.788	0.000	378660	0	0.395	N.D. #
15)	B Endosulfa...	6.056	0.000	1154594	0	1.191	N.D. #
16)	A 4,4'-DDD	0.000	6.747f	0	1748507	N.D.	1.280 #
22)	Mirex	7.089	0.000	979465	0	1.188	N.D. #
23)	Chlordane-1	4.130	4.950	1617100	2702813	62.355	58.243
24)	Chlordane-2	4.621	5.416	2015123	3732354	63.364	71.052
25)	Chlordane-3	5.176	6.058	5444918	12130193	56.620	55.394
26)	Chlordane-4	5.232	6.133	5006601	14574900	59.533	55.408
27)	Chlordane-5	6.056	6.933	1154594	2500330	38.026	53.633 #

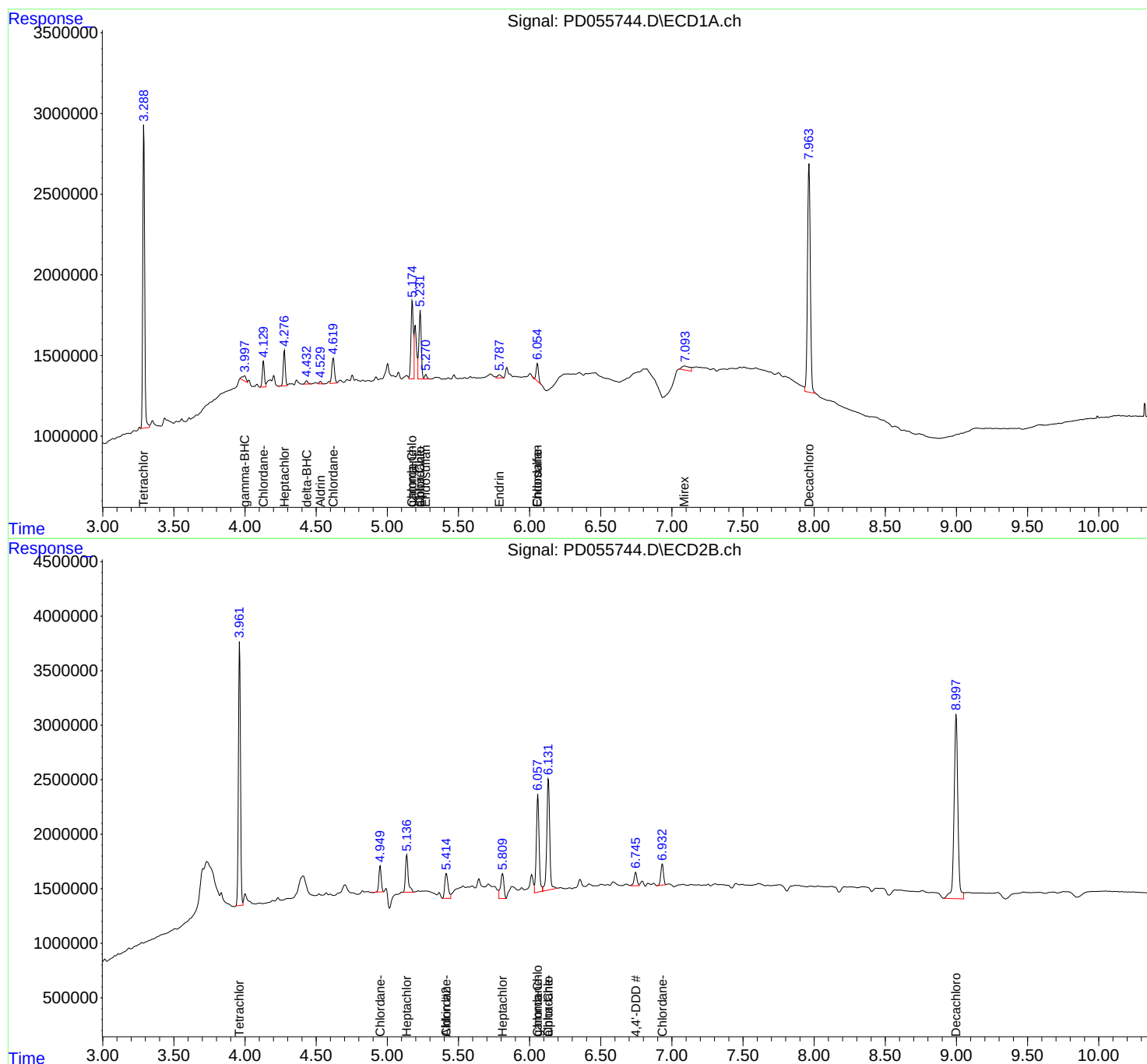
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

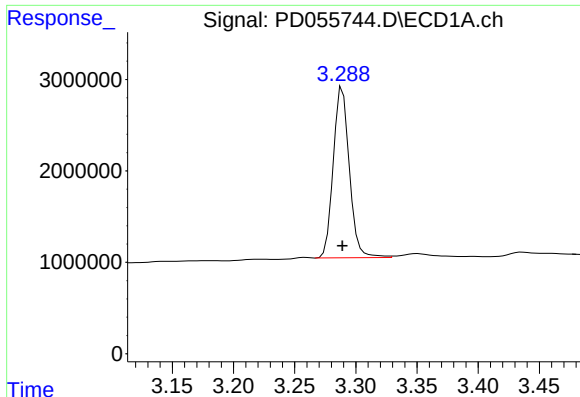
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055744.D
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QLast Update : Thu Oct 31 06:48:28 2019
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

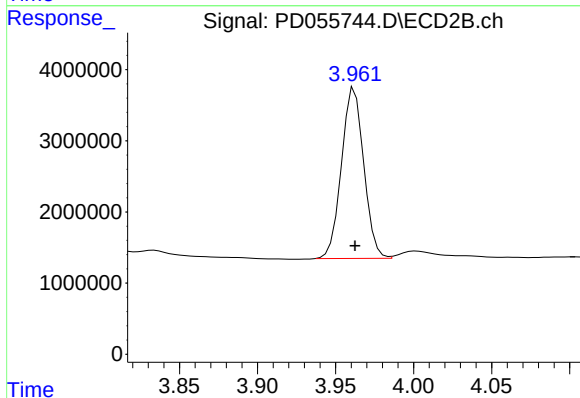




#1 Tetrachloro-m-xylene

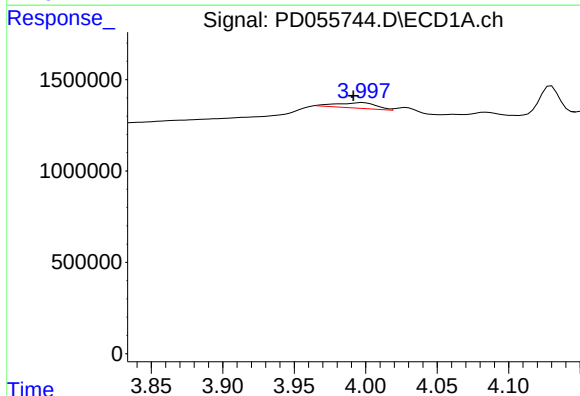
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17090416
Conc: 20.05 ng/ml

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



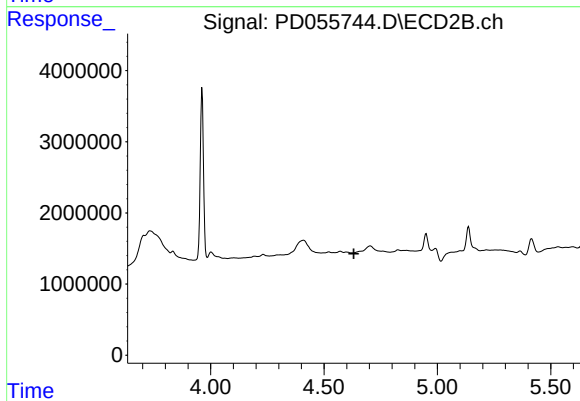
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 23843119
Conc: 19.80 ng/ml



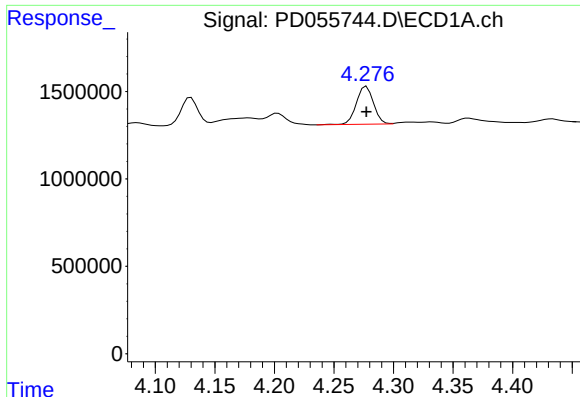
#3 gamma-BHC (Lindane)

R.T.: 3.998 min
Delta R.T.: 0.007 min
Response: 598181
Conc: 0.50 ng/ml



#3 gamma-BHC (Lindane)

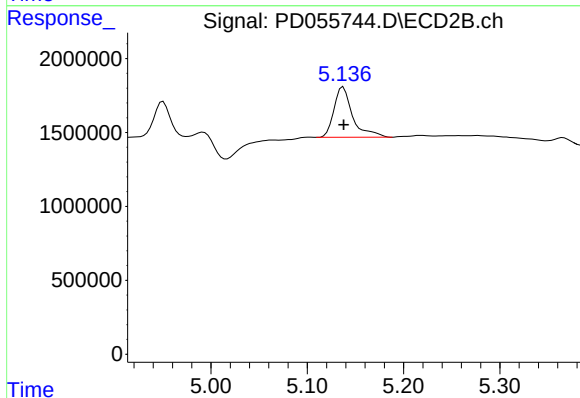
R.T.: 0.000 min
Exp R.T. : 4.632 min
Response: 0
Conc: N.D.



#4 Heptachlor

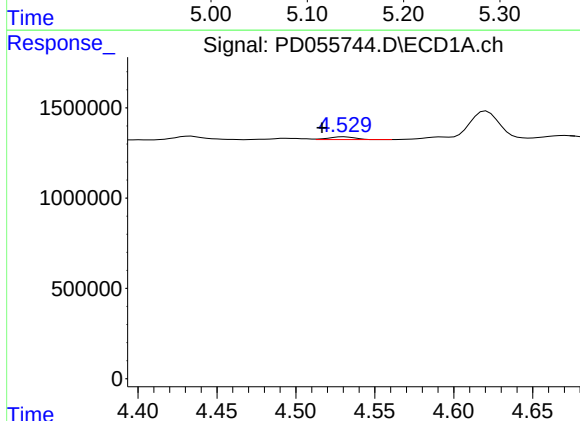
R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 2172798
Conc: 2.04 ng/ml

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



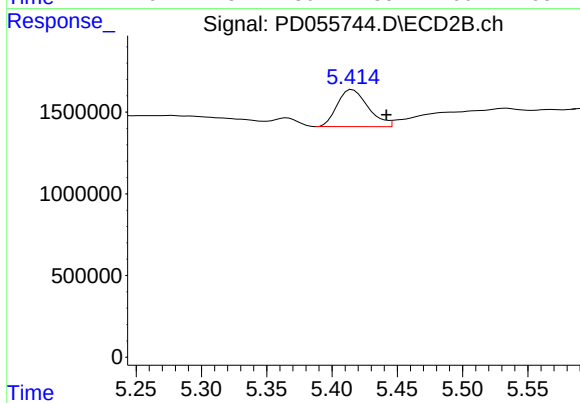
#4 Heptachlor

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 4592362
Conc: 2.65 ng/ml



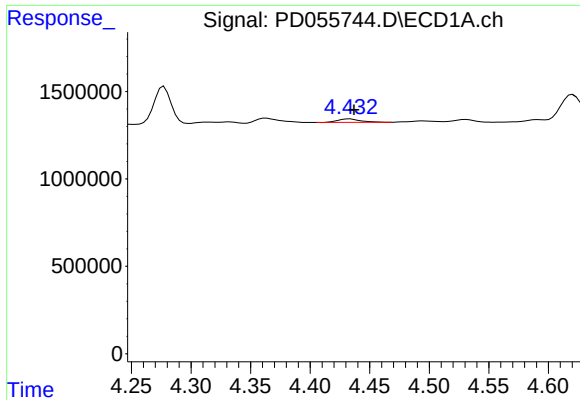
#5 Aldrin

R.T.: 4.531 min
Delta R.T.: 0.014 min
Response: 180651
Conc: 0.17 ng/ml



#5 Aldrin

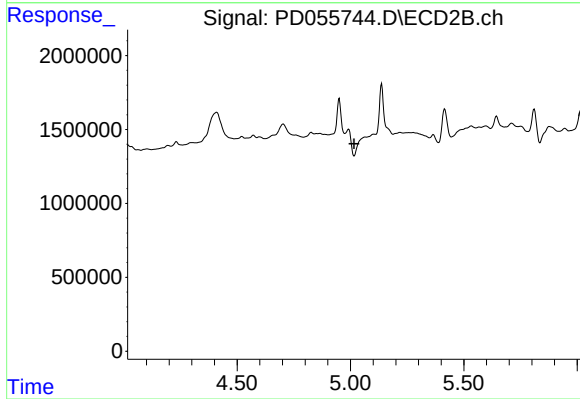
R.T.: 5.416 min
Delta R.T.: -0.026 min
Response: 3732354
Conc: 2.23 ng/ml



#7 delta-BHC

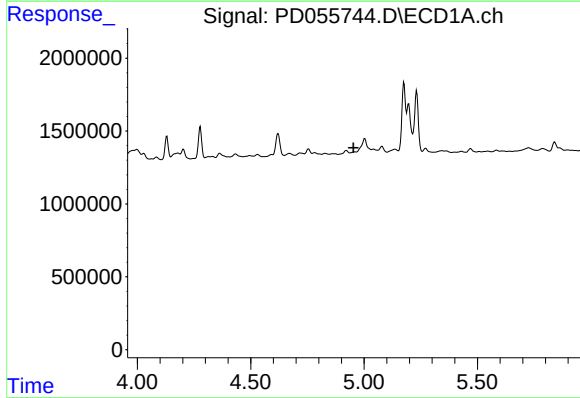
R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 264188
Conc: 0.23 ng/ml

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



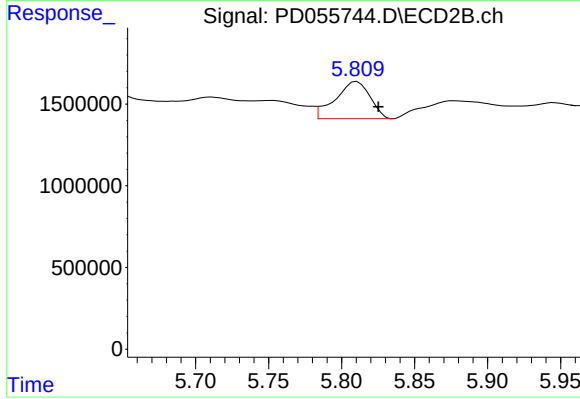
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



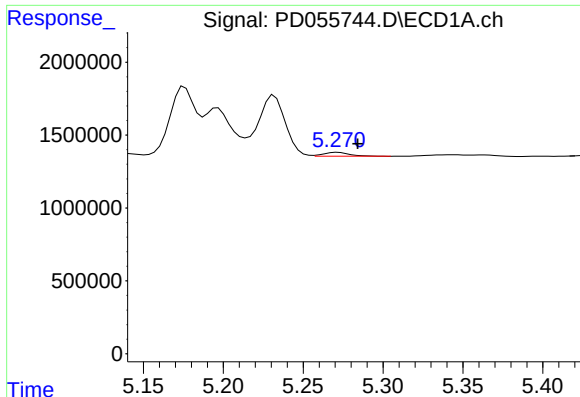
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

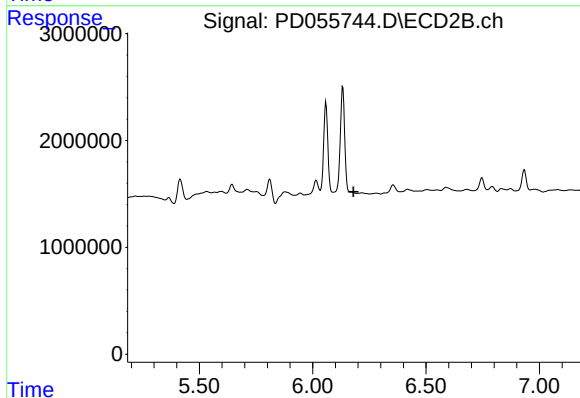
R.T.: 5.810 min
Delta R.T.: -0.015 min
Response: 3780674
Conc: 2.34 ng/ml



#9 Endosulfan I

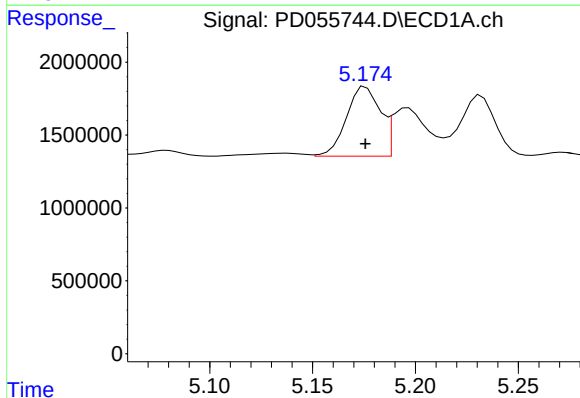
R.T.: 5.272 min
Delta R.T.: -0.012 min
Response: 302771
Conc: 0.31 ng/ml

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



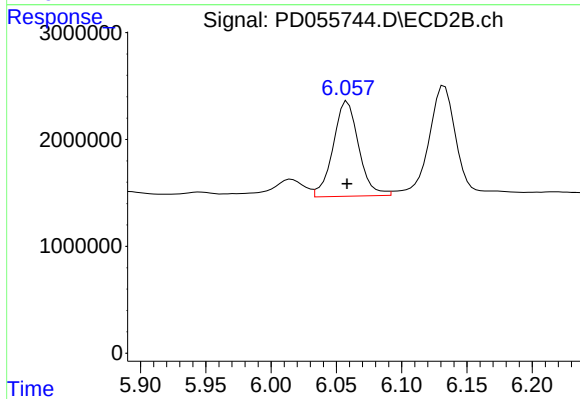
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.181 min
Response: 0
Conc: N.D.



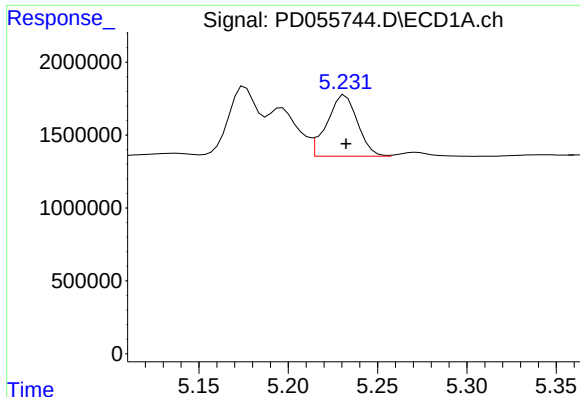
#10 gamma-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 5444918
Conc: 5.10 ng/ml



#10 gamma-Chlordane

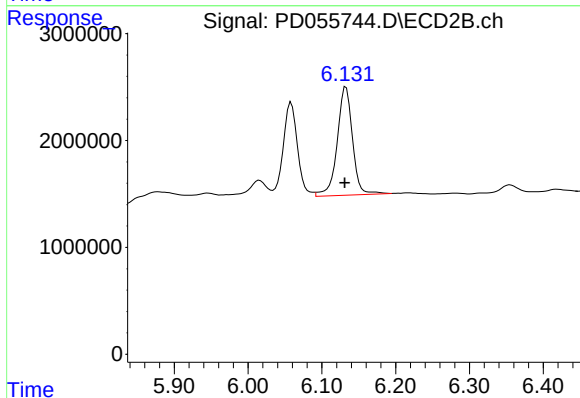
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 12130193
Conc: 7.04 ng/ml



#11 alpha-Chlordane

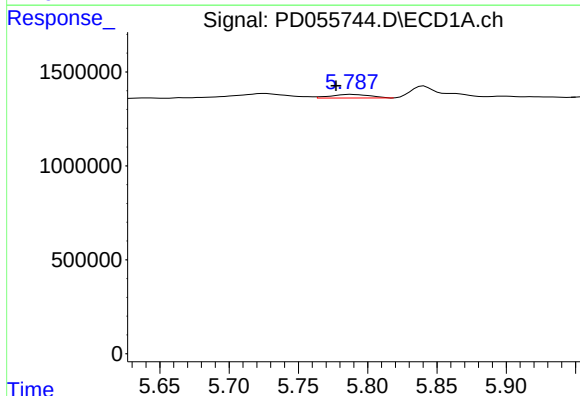
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 5006601
Conc: 4.74 ng/ml

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



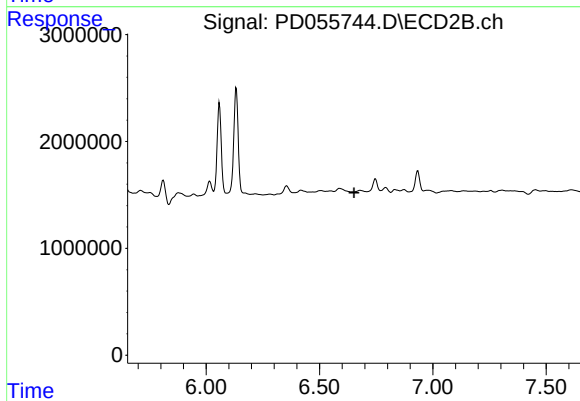
#11 alpha-Chlordane

R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 14574900
Conc: 8.48 ng/ml



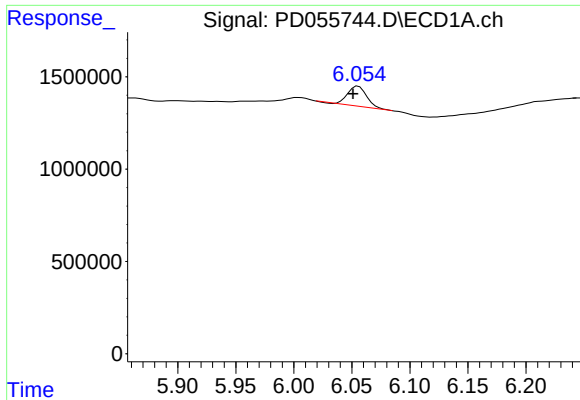
#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.011 min
Response: 378660
Conc: 0.39 ng/ml



#14 Endrin

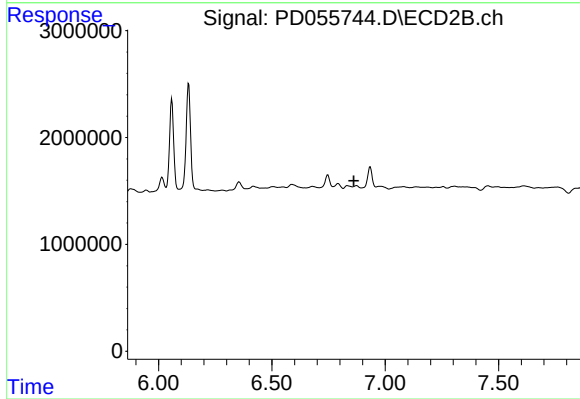
R.T.: 0.000 min
Exp R.T.: 6.653 min
Response: 0
Conc: N.D.



#15 Endosulfan II

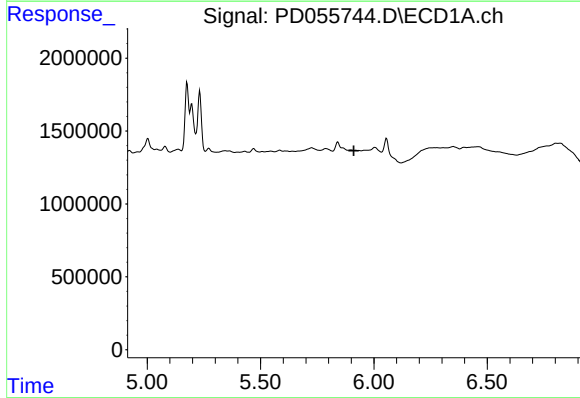
R.T.: 6.056 min
Delta R.T.: 0.005 min
Response: 1154594
Conc: 1.19 ng/ml

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



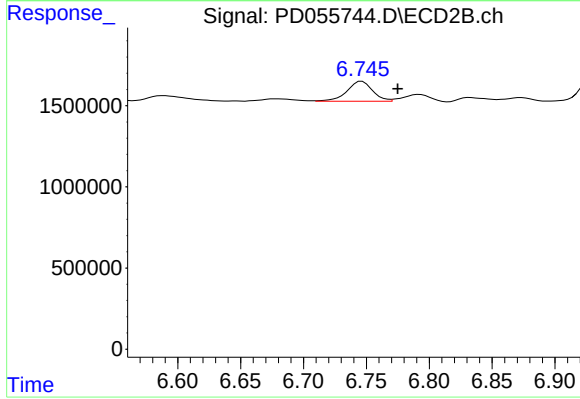
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.861 min
Response: 0
Conc: N.D.



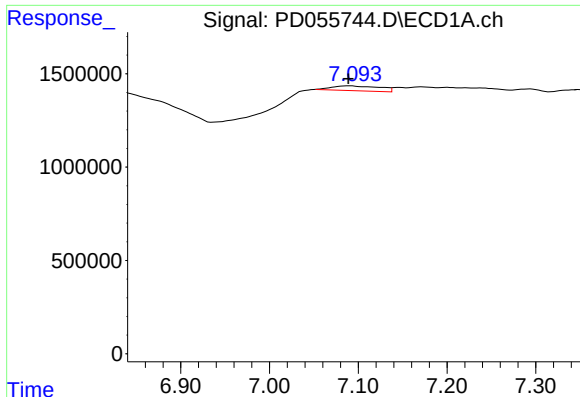
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.912 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

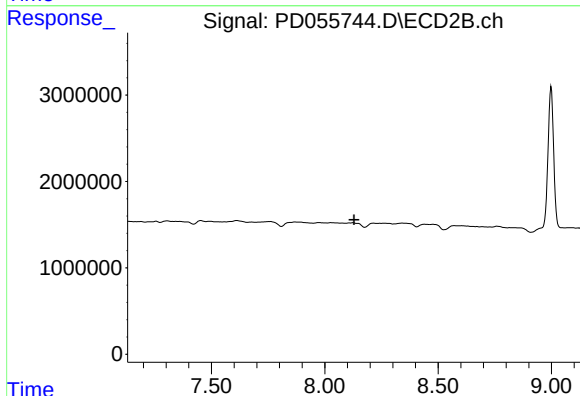
R.T.: 6.747 min
Delta R.T.: -0.028 min
Response: 1748507
Conc: 1.28 ng/ml



#22 Mirex

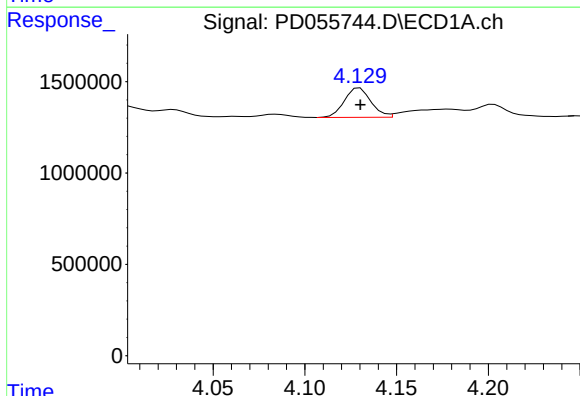
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 979465
Conc: 1.19 ng/ml

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



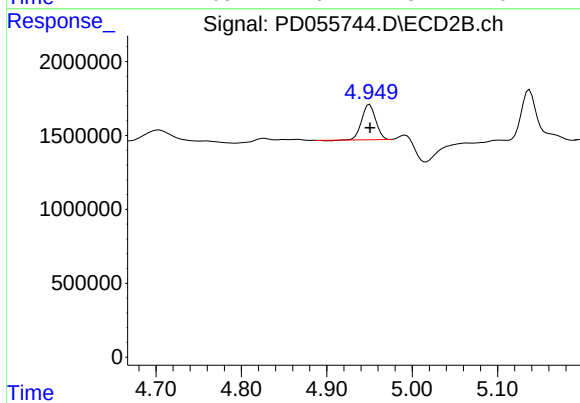
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.130 min
Response: 0
Conc: N.D.



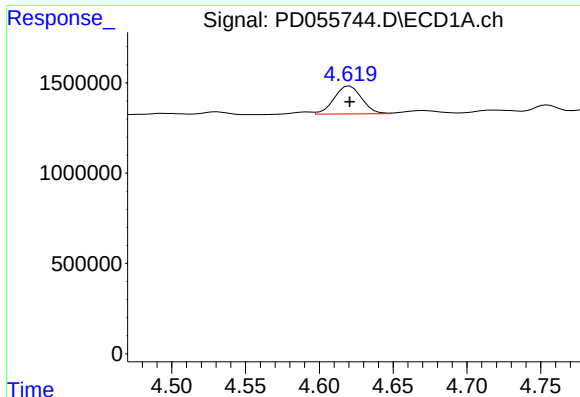
#23 Chlordane-1

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 1617100
Conc: 62.36 ng/ml



#23 Chlordane-1

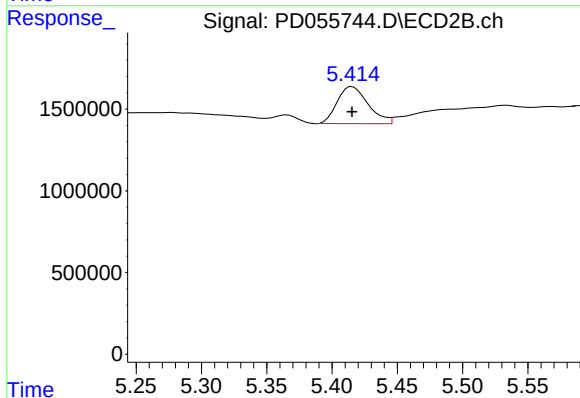
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 2702813
Conc: 58.24 ng/ml



#24 Chlordane-2

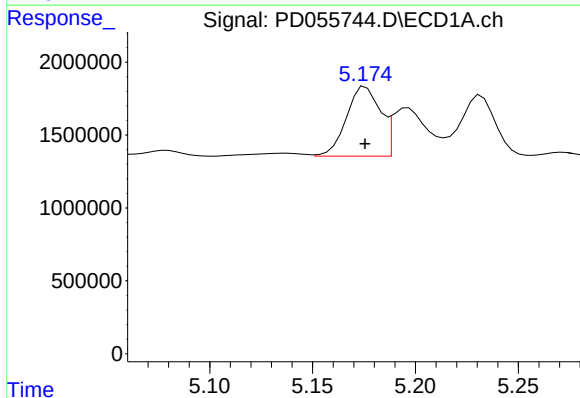
R.T.: 4.621 min
Delta R.T.: 0.000 min
Response: 2015123
Conc: 63.36 ng/ml

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



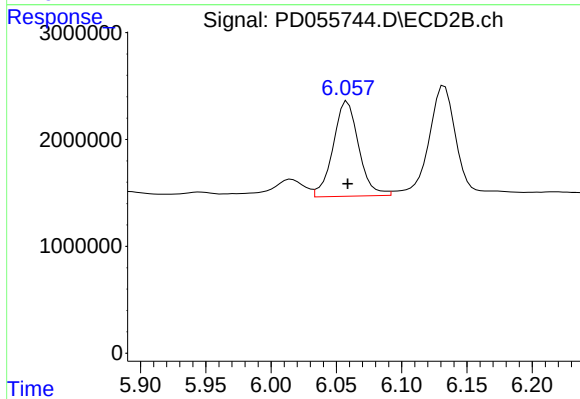
#24 Chlordane-2

R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 3732354
Conc: 71.05 ng/ml



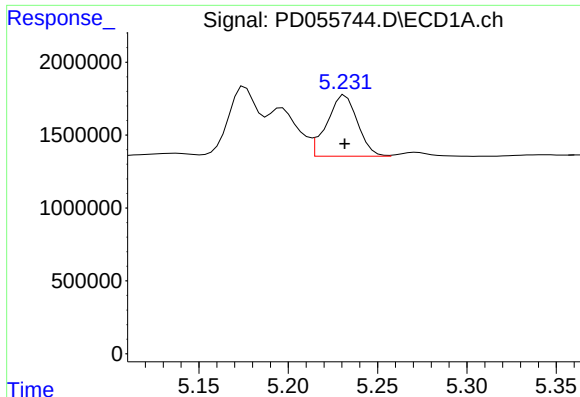
#25 Chlordane-3

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 5444918
Conc: 56.62 ng/ml



#25 Chlordane-3

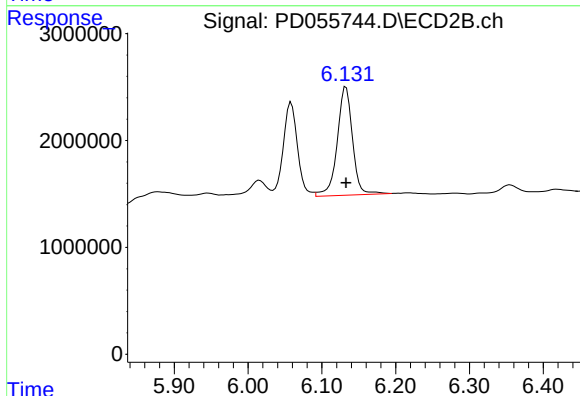
R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 12130193
Conc: 55.39 ng/ml



#26 Chlordane-4

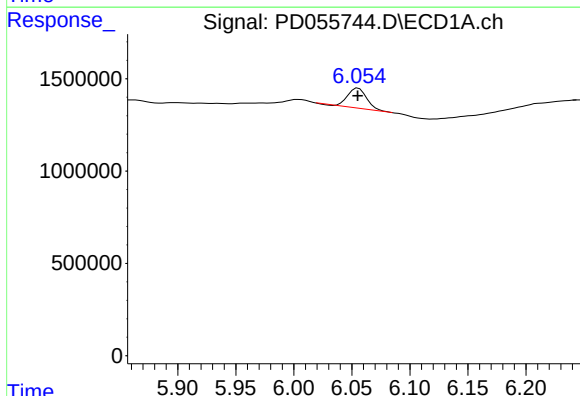
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 5006601
Conc: 59.53 ng/ml

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



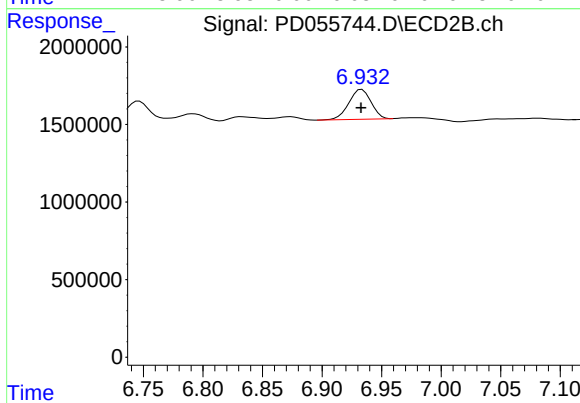
#26 Chlordane-4

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 14574900
Conc: 55.41 ng/ml



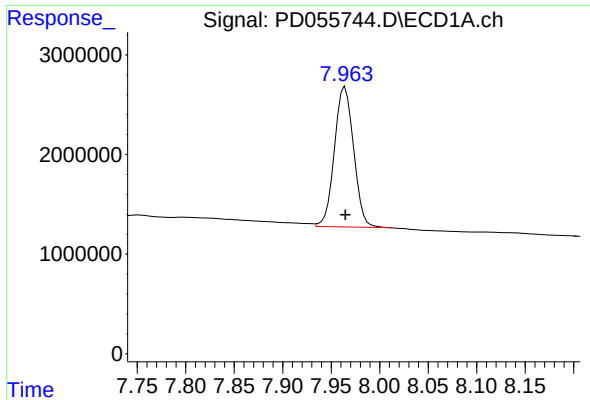
#27 Chlordane-5

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 1154594
Conc: 38.03 ng/ml



#27 Chlordane-5

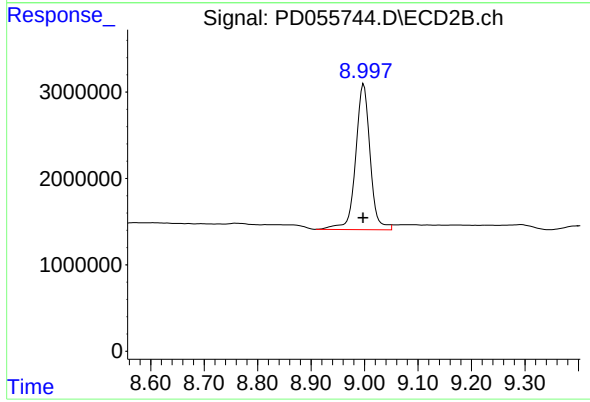
R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2500330
Conc: 53.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 19287224
Conc: 20.39 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.001 min
Response: 31669523
Conc: 22.76 ng/ml