

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047886.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2018 22:45
 Operator : UA/AJ
 Sample : LOQ CHLOR SOIL 03
 Misc : Precision Bias Study 03 (50 PPB)
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ CHLOR SOIL 03

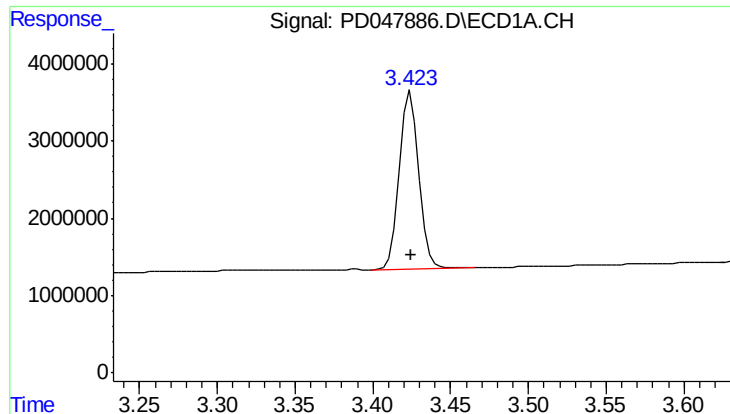
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:01:48 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
 Quant Title : GC Extractables
 QLast Update : Thu May 24 12:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.424	4.039	20226649	329.6E6	17.615	18.332
28)	SA Decachlor...	8.145	9.115	24505030	350.2E6	17.348	20.552
Target Compounds							
2)	A alpha-BHC	0.000	4.436	0	17690620	N.D.	0.618 #
4)	MA Heptachlor	4.434	5.227	3401582	70153363	2.027	2.790 #
5)	MB Aldrin	0.000	5.504	0	48416205	N.D.	2.024 #
6)	B beta-BHC	4.353f	0.000	2827047	0	3.938	N.D. #
7)	B delta-BHC	0.000	5.077	0	40657519	N.D.	1.566 #
8)	B Heptachlo...	5.168f	5.897	-1110448	24827232	N.D.	1.118
9)	A Endosulfan I	5.401f	6.225f	6663891	186.5E6	4.719	9.217 #
10)	B gamma-Chl...	5.343	6.149	7395110	157.2E6	4.823	6.858 #
11)	B alpha-Chl...	5.401	6.225	6663891	186.5E6	4.447	8.480 #
12)	B 4,4'-DDE	0.000	6.444f	0	11979748	N.D.	0.558 #
13)	MA Dieldrin	0.000	6.531	0	6169334	N.D.	0.279 #
15)	B Endosulfa...	6.234	6.883f	2774440	6883930	1.951	0.359 #
16)	A 4,4'-DDD	0.000	6.840	0	17681522	N.D.	1.000 #
18)	B Endrin al...	0.000	7.024f	0	50589255	N.D.	3.112 #
20)	A Methoxychlor	6.811f	0.000	1723554	0	2.202	N.D. #
23)	Chlordane-1	4.285	5.038	3312138	50810689	57.341	49.911
24)	Chlordane-2	4.781	5.504	2765835	48416205	46.974	51.276
25)	Chlordane-3	5.343	6.149	7395110	157.2E6	41.162	49.105
26)	Chlordane-4	5.401	6.225	6663891	186.5E6	41.887	50.673
27)	Chlordane-5	6.234	7.024	2774440	50589255	46.759	60.624 #

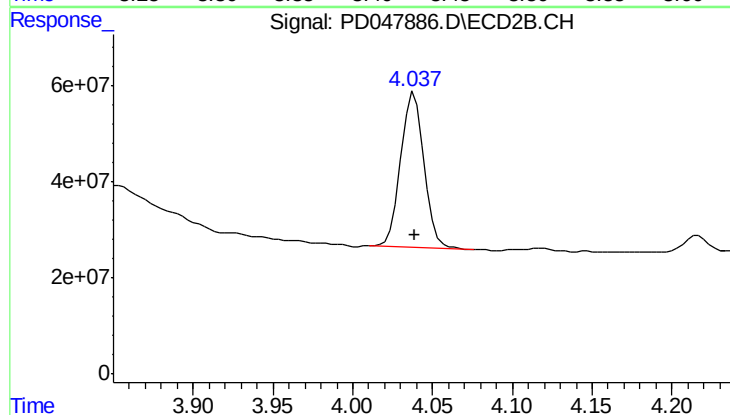
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

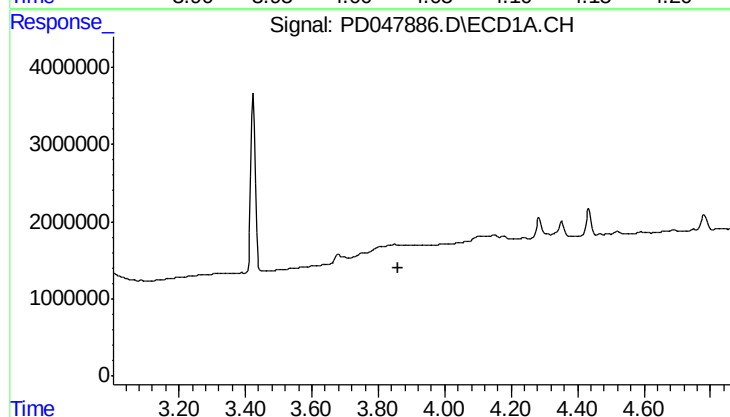
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 20226649
Conc: 17.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



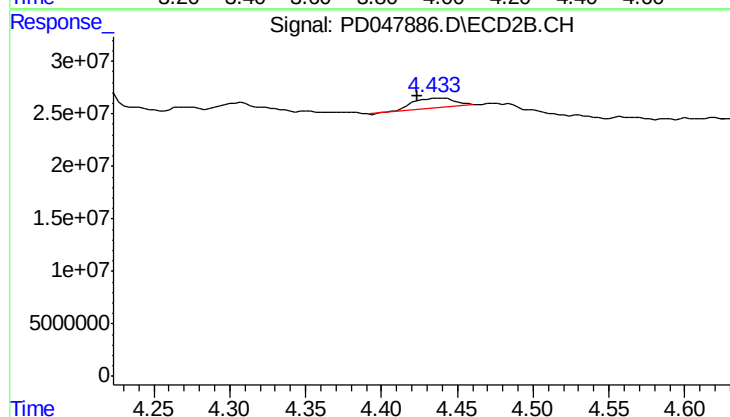
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 329635796
Conc: 18.33 ng/ml



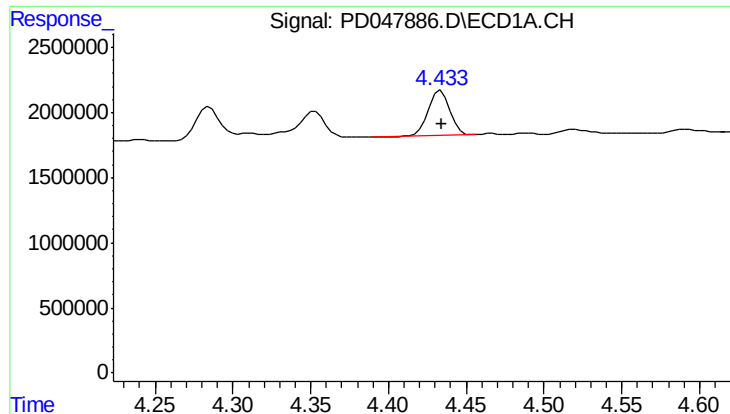
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T.: 3.861 min
Response: 0
Conc: N.D.



#2 alpha-BHC

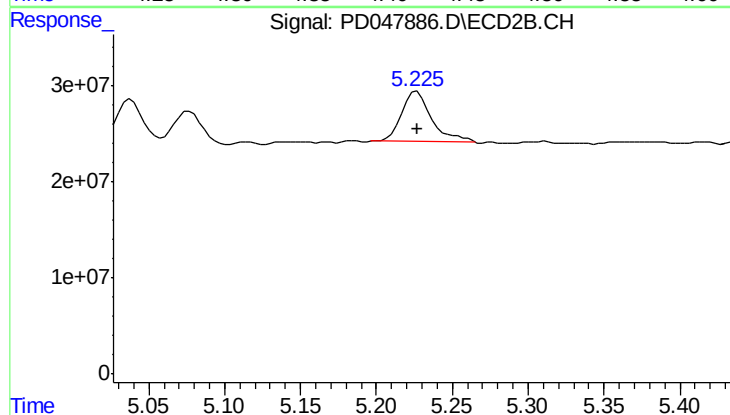
R.T.: 4.436 min
Delta R.T.: 0.012 min
Response: 17690620
Conc: 0.62 ng/ml



#4 Heptachlor

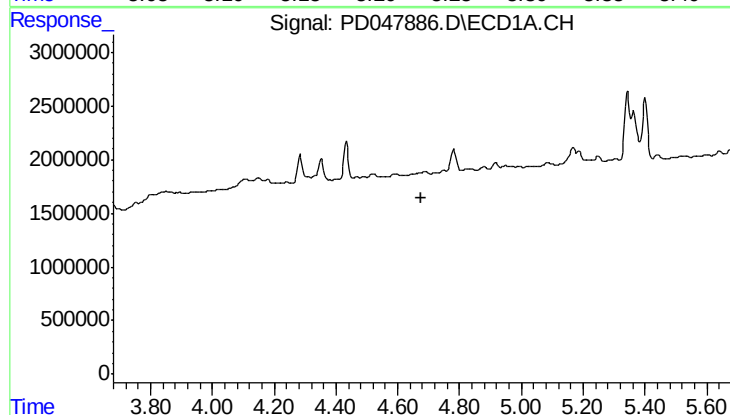
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3401582
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



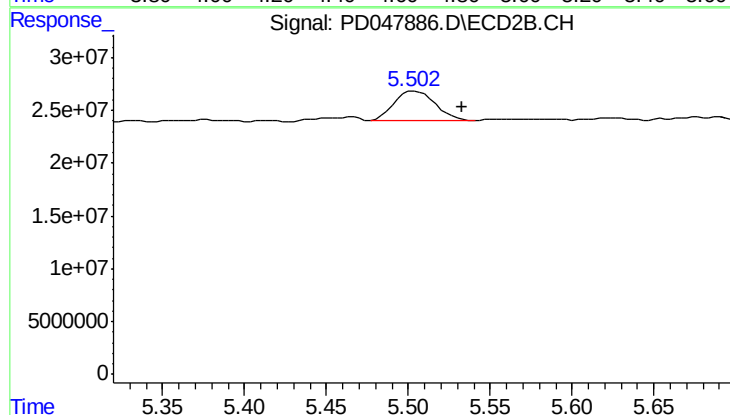
#4 Heptachlor

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 70153363
Conc: 2.79 ng/ml



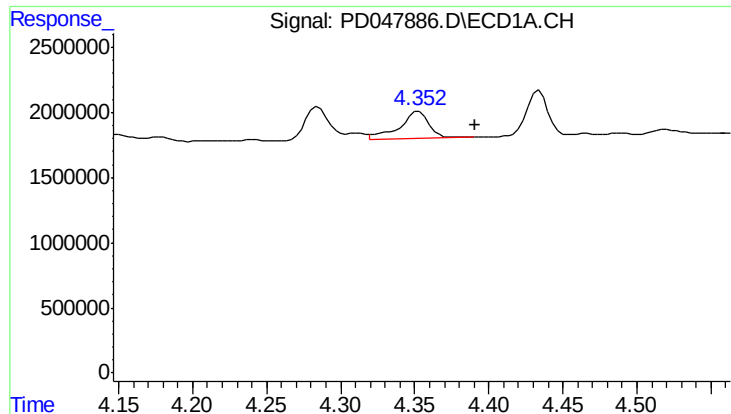
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 4.678 min
Response: 0
Conc: N.D.



#5 Aldrin

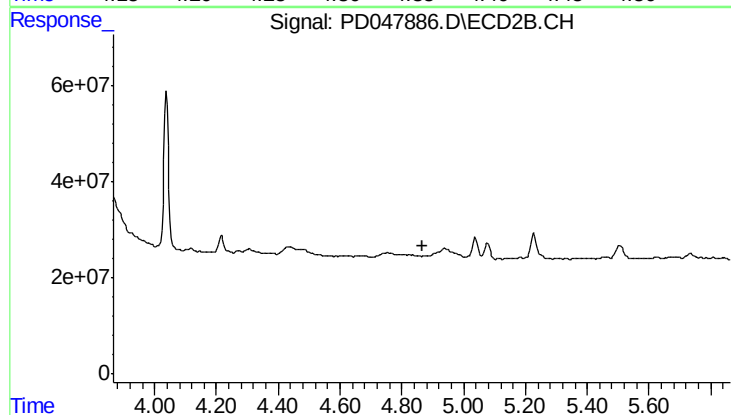
R.T.: 5.504 min
Delta R.T.: -0.030 min
Response: 48416205
Conc: 2.02 ng/ml



#6 beta-BHC

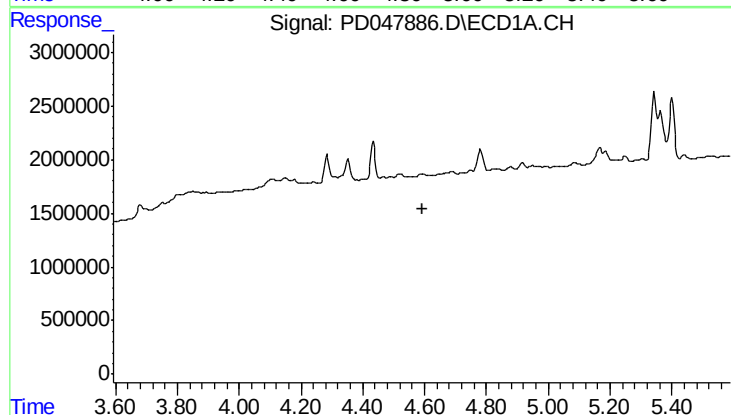
R.T.: 4.353 min
Delta R.T.: -0.038 min
Response: 2827047
Conc: 3.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



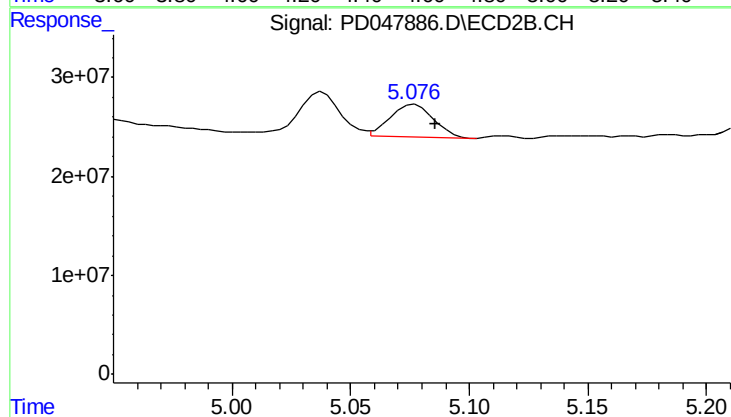
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.866 min
Response: 0
Conc: N.D.



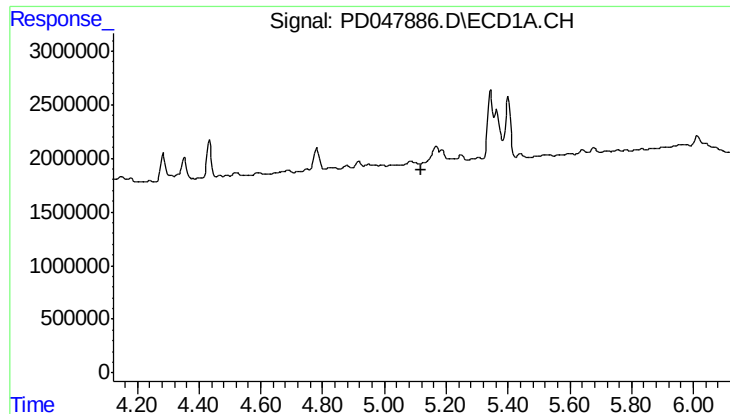
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.592 min
Response: 0
Conc: N.D.



#7 delta-BHC

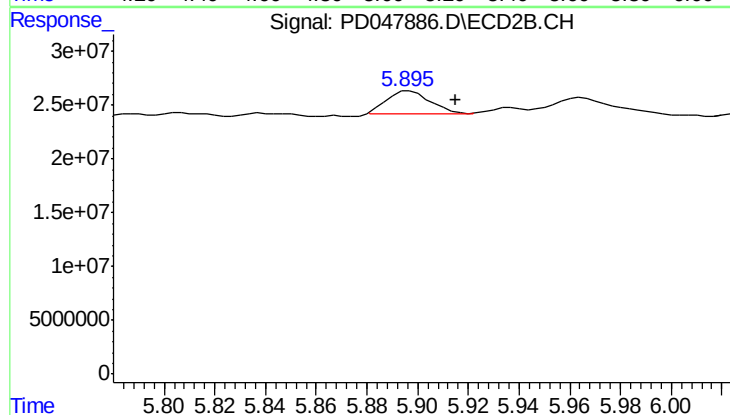
R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 40657519
Conc: 1.57 ng/ml



#8 Heptachlor epoxide

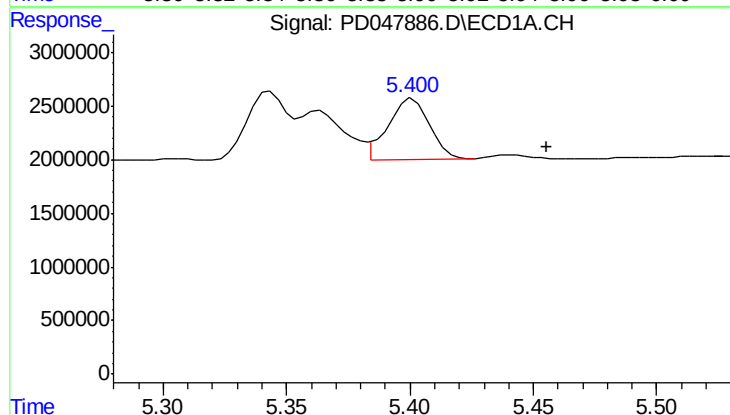
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: -1110448
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



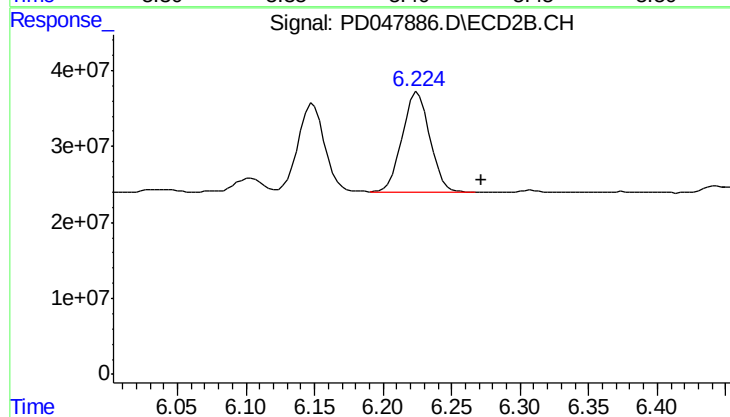
#8 Heptachlor epoxide

R.T.: 5.897 min
Delta R.T.: -0.019 min
Response: 24827232
Conc: 1.12 ng/ml



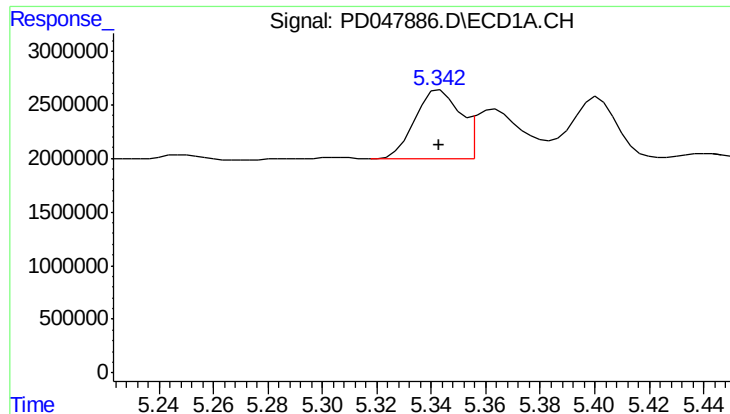
#9 Endosulfan I

R.T.: 5.401 min
Delta R.T.: -0.054 min
Response: 6663891
Conc: 4.72 ng/ml



#9 Endosulfan I

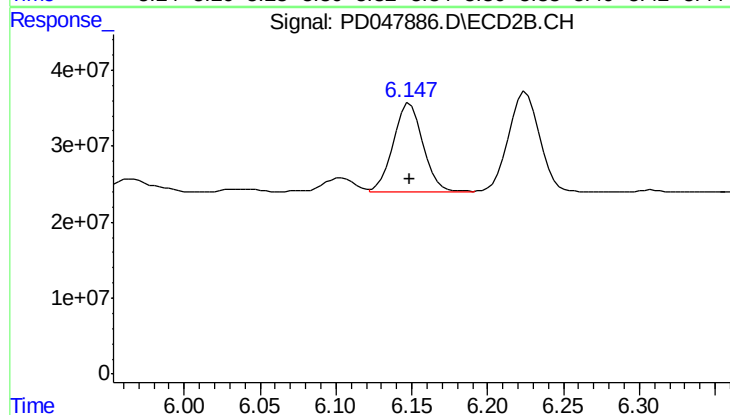
R.T.: 6.225 min
Delta R.T.: -0.046 min
Response: 186510389
Conc: 9.22 ng/ml



#10 gamma-Chlordane

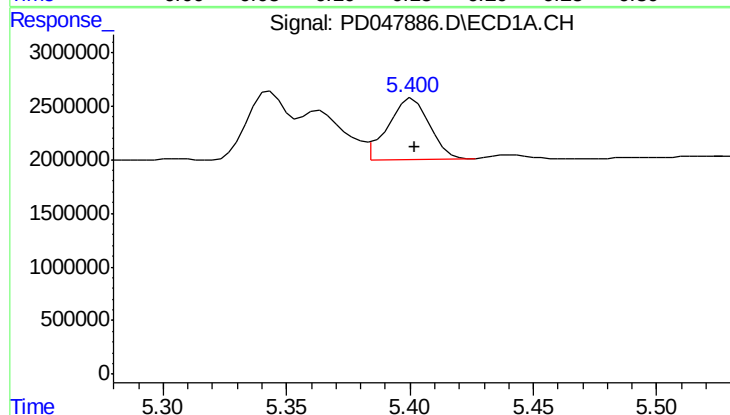
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 7395110
Conc: 4.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



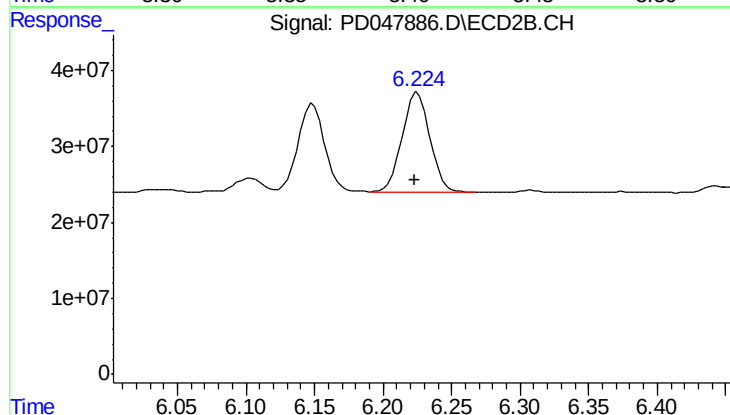
#10 gamma-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 157155418
Conc: 6.86 ng/ml



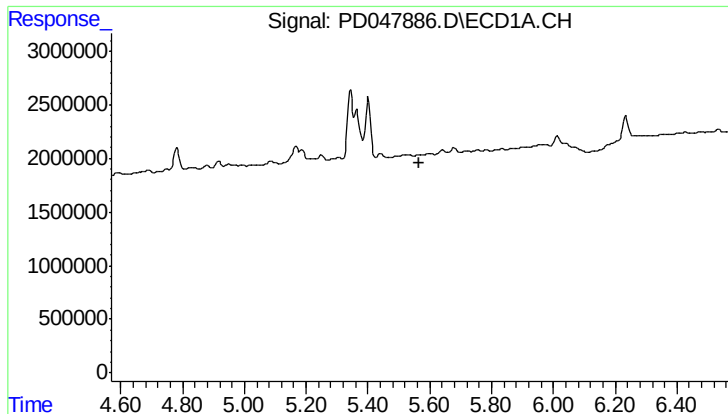
#11 alpha-Chlordane

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 6663891
Conc: 4.45 ng/ml



#11 alpha-Chlordane

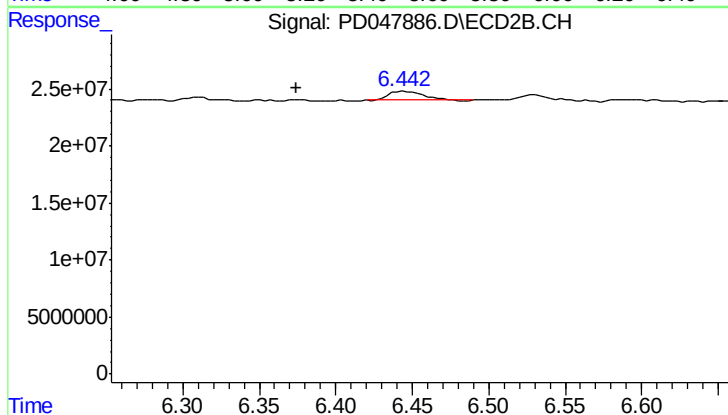
R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 186510389
Conc: 8.48 ng/ml



#12 4,4'-DDE

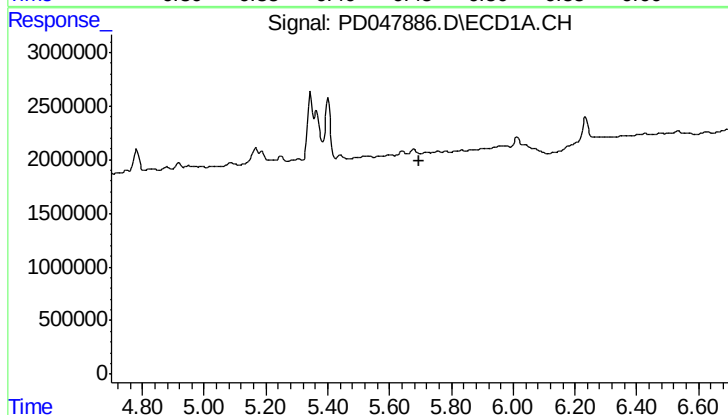
R.T.: 0.000 min
Exp R.T.: 5.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



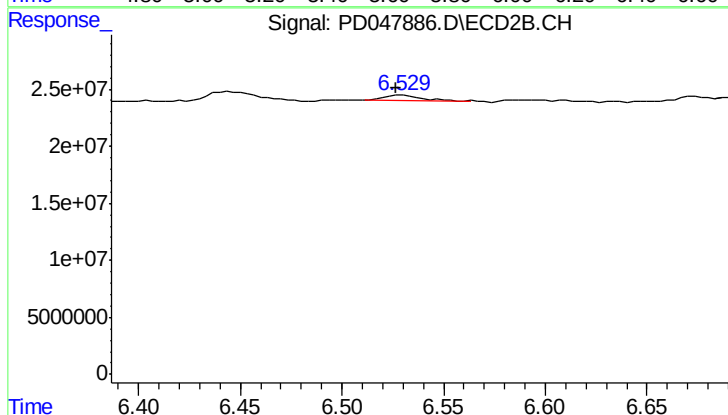
#12 4,4'-DDE

R.T.: 6.444 min
Delta R.T.: 0.069 min
Response: 11979748
Conc: 0.56 ng/ml



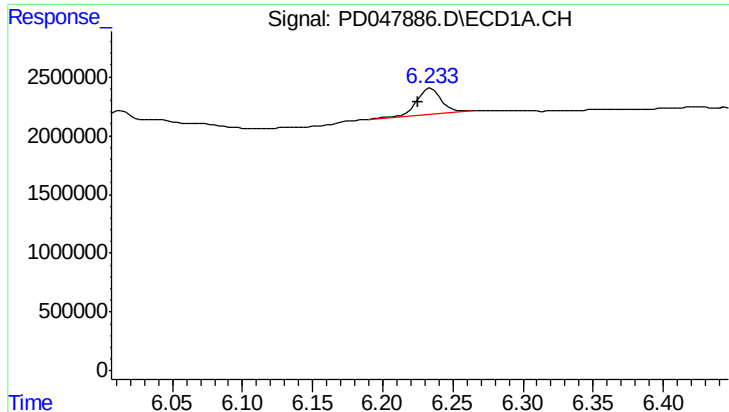
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.



#13 Dieldrin

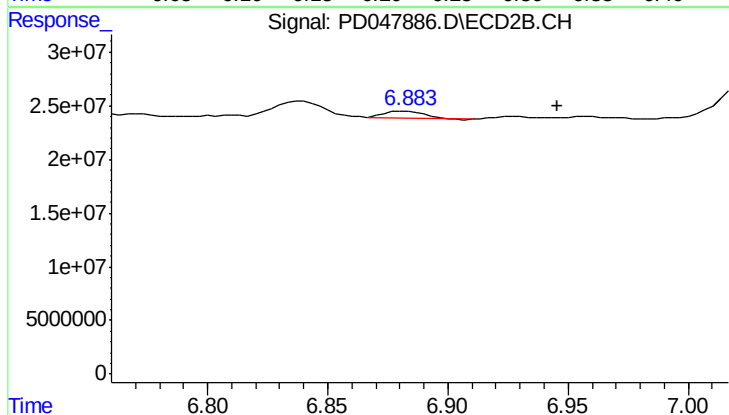
R.T.: 6.531 min
Delta R.T.: 0.004 min
Response: 6169334
Conc: 0.28 ng/ml



#15 Endosulfan II

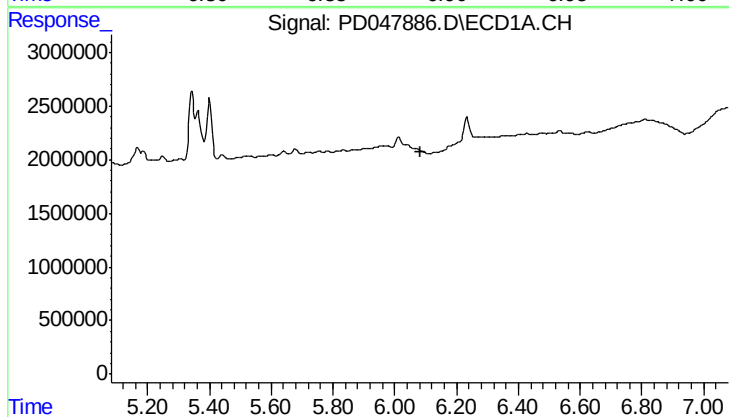
R.T.: 6.234 min
Delta R.T.: 0.010 min
Response: 2774440
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



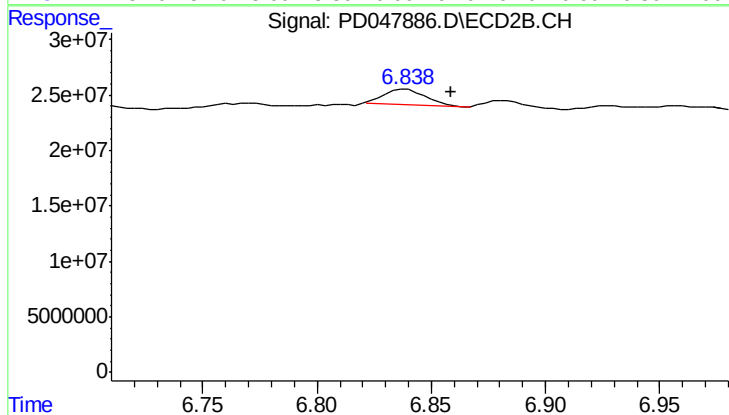
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: -0.063 min
Response: 6883930
Conc: 0.36 ng/ml



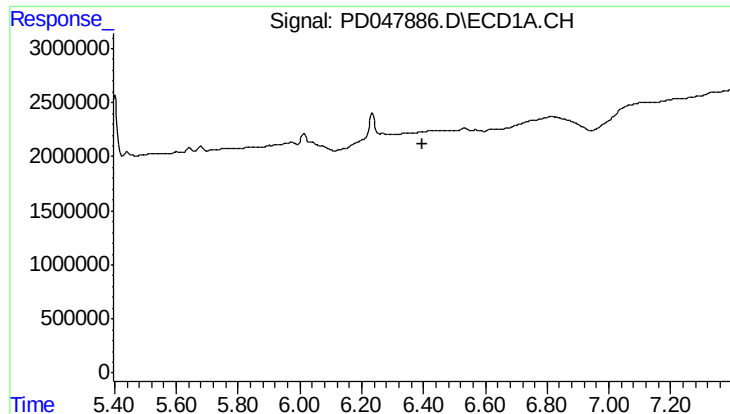
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.082 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

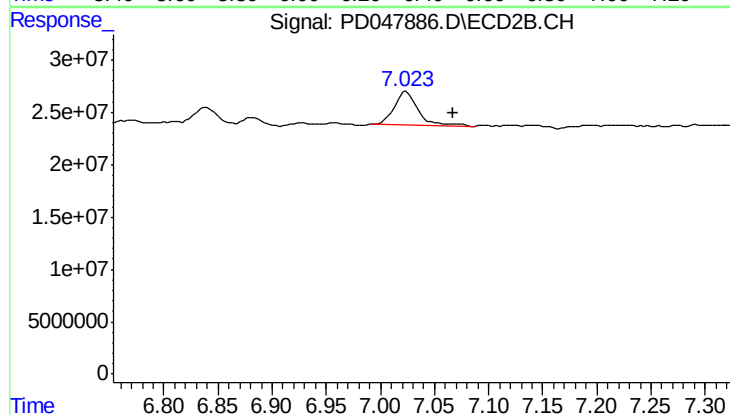
R.T.: 6.840 min
Delta R.T.: -0.019 min
Response: 17681522
Conc: 1.00 ng/ml



#18 Endrin aldehyde

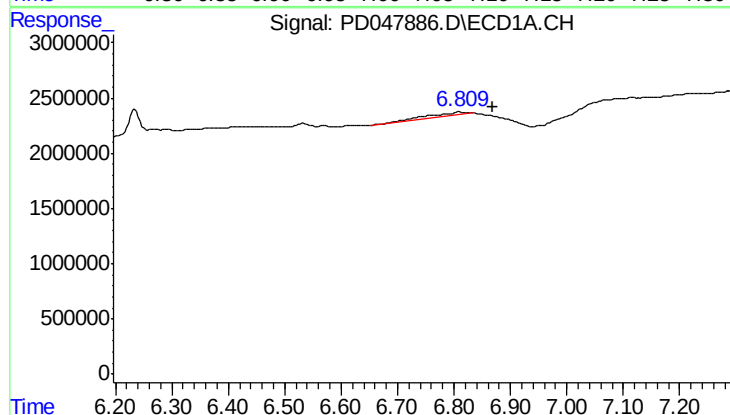
R.T.: 0.000 min
Exp R.T.: 6.396 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



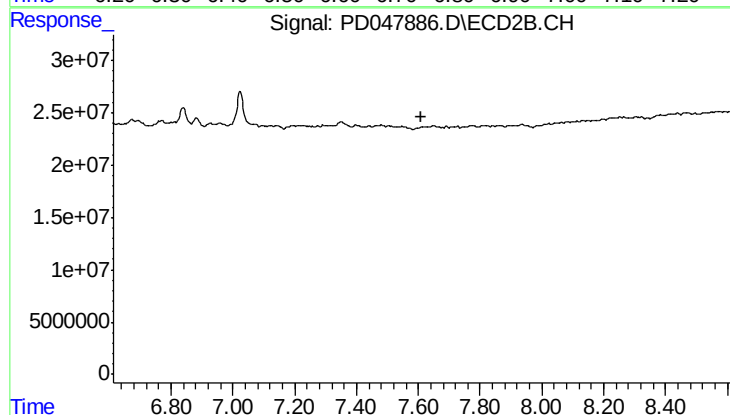
#18 Endrin aldehyde

R.T.: 7.024 min
Delta R.T.: -0.043 min
Response: 50589255
Conc: 3.11 ng/ml



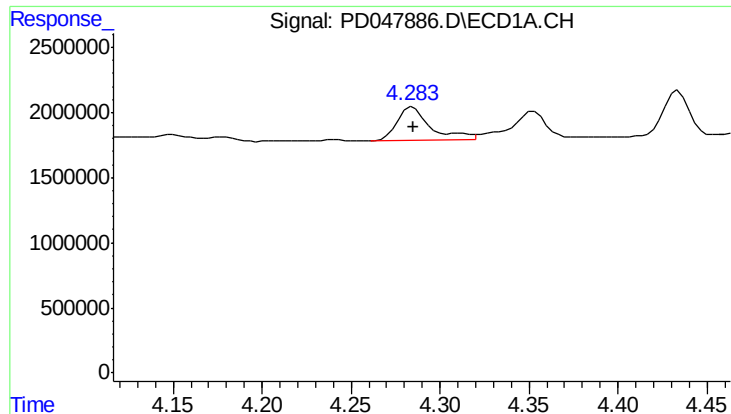
#20 Methoxychlor

R.T.: 6.811 min
Delta R.T.: -0.058 min
Response: 1723554
Conc: 2.20 ng/ml



#20 Methoxychlor

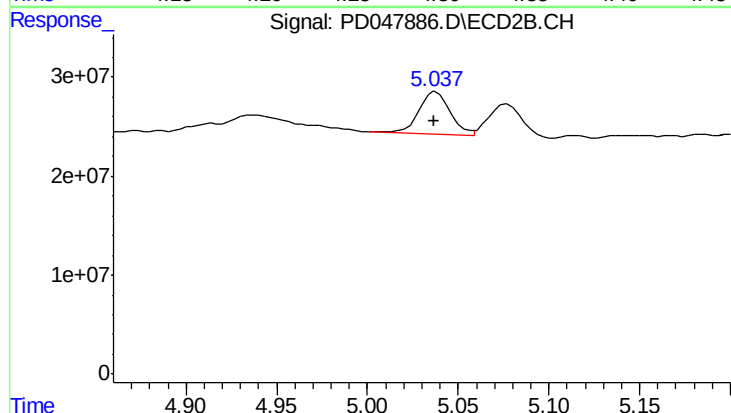
R.T.: 0.000 min
Exp R.T.: 7.610 min
Response: 0
Conc: N.D.



#23 Chlordane-1

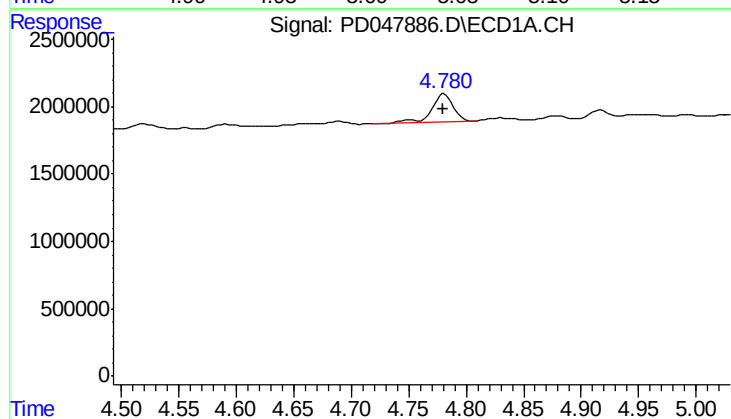
R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 3312138
Conc: 57.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



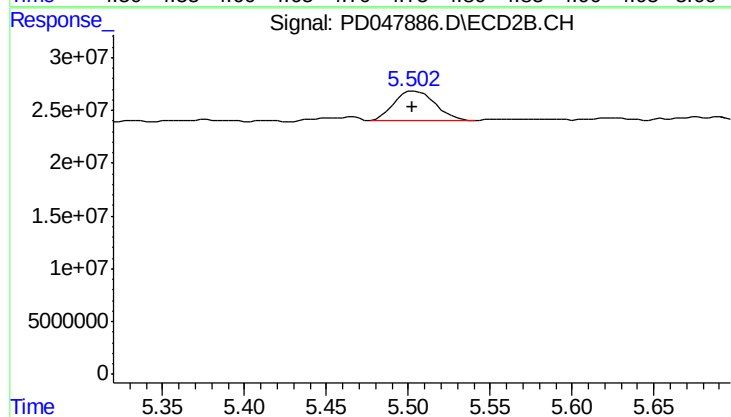
#23 Chlordane-1

R.T.: 5.038 min
Delta R.T.: 0.001 min
Response: 50810689
Conc: 49.91 ng/ml



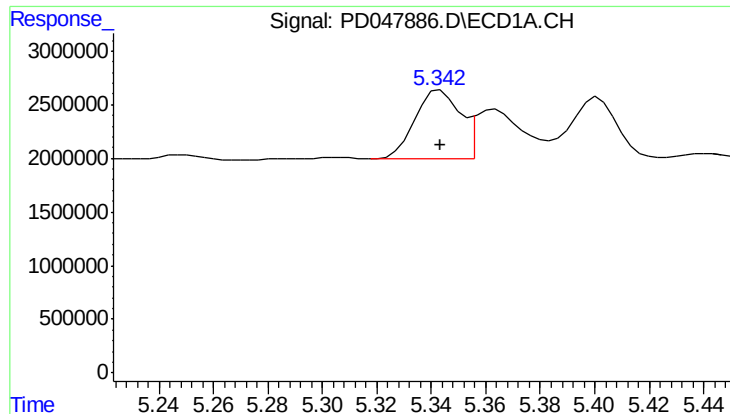
#24 Chlordane-2

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 2765835
Conc: 46.97 ng/ml



#24 Chlordane-2

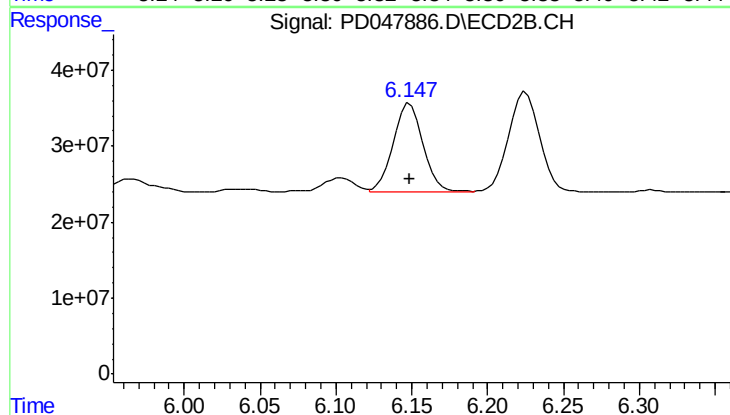
R.T.: 5.504 min
Delta R.T.: 0.001 min
Response: 48416205
Conc: 51.28 ng/ml



#25 Chlordane-3

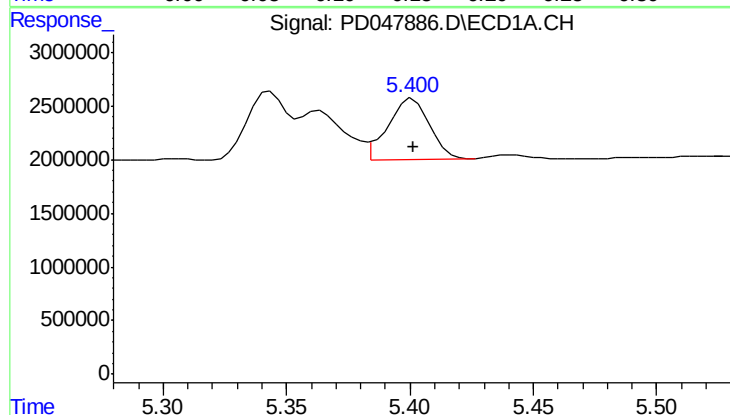
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 7395110
Conc: 41.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



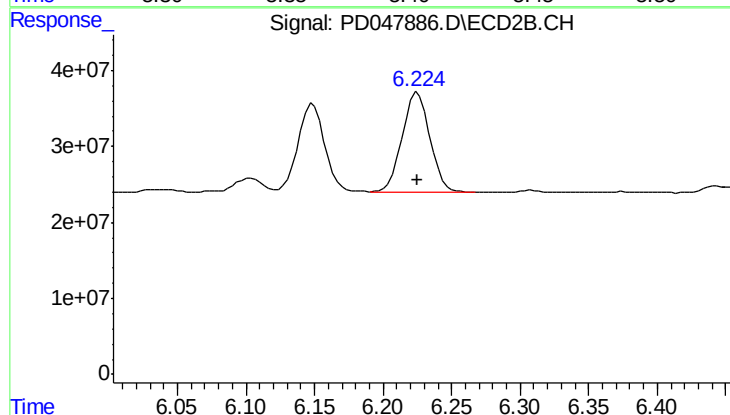
#25 Chlordane-3

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 157155418
Conc: 49.11 ng/ml



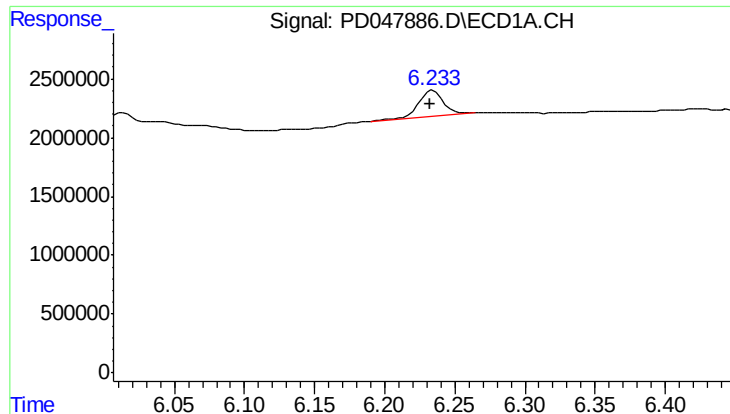
#26 Chlordane-4

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 6663891
Conc: 41.89 ng/ml



#26 Chlordane-4

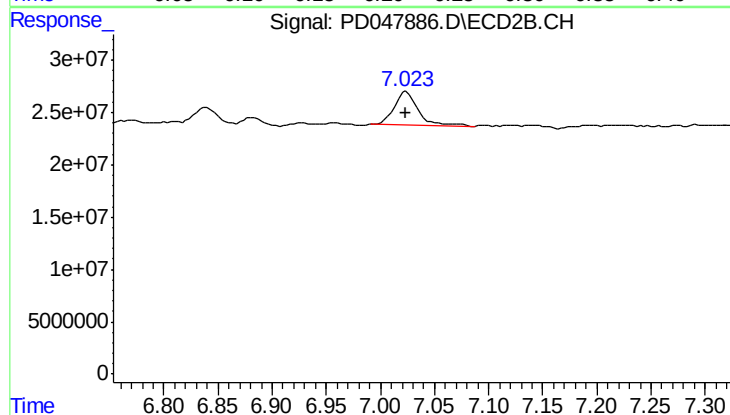
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 186510389
Conc: 50.67 ng/ml



#27 Chlordane-5

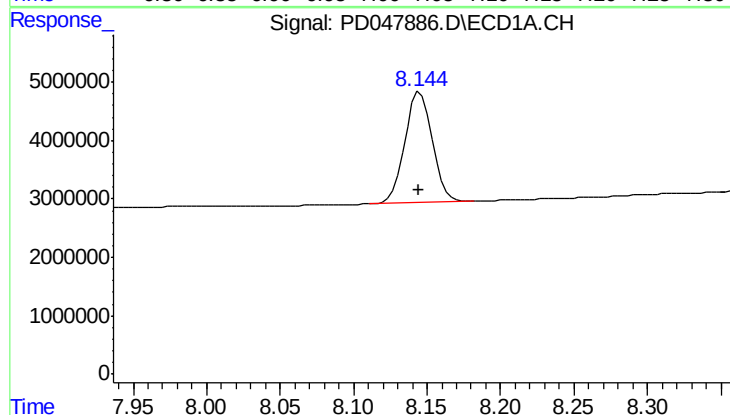
R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 2774440
Conc: 46.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 03



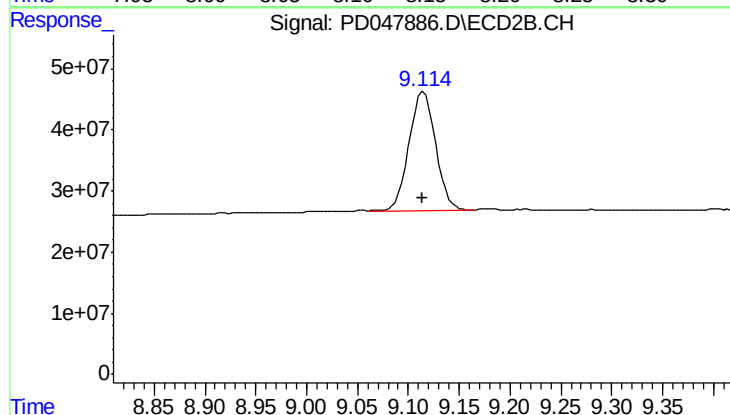
#27 Chlordane-5

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 50589255
Conc: 60.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 24505030
Conc: 17.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 350169015
Conc: 20.55 ng/ml