

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047885.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2018 22:30
 Operator : UA/AJ
 Sample : LOQ CHLOR SOIL 02
 Misc : Precision Bias Study 02 (50 PPB)
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ CHLOR SOIL 02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:01:28 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...	3.425	4.039	19739886	321.1E6	17.191	17.857
28)	SA Decachlor...	8.146	9.116	24459335	348.7E6	17.315	20.467
Target Compounds							
2)	A alpha-BHC	0.000	4.437	0	18096037	N.D.	0.633 #
4)	MA Heptachlor	4.434	5.227	3347512	71303941	1.994	2.836 #
5)	MB Aldrin	0.000	5.504	0	48548205	N.D.	2.029 #
6)	B beta-BHC	4.353f	0.000	2888807	0	4.024	N.D. #
7)	B delta-BHC	0.000	5.077	0	31787788	N.D.	1.224 #
8)	B Heptachlo...	5.168f	5.898	-1108789	21231321	N.D.	0.956
9)	A Endosulfan I	5.402f	6.226f	6610477	180.5E6	4.681	8.920 #
10)	B gamma-Chl...	5.344	6.150	7755192	153.5E6	5.058	6.699 #
11)	B alpha-Chl...	5.402	6.226	6610477	180.5E6	4.412	8.207 #
14)	MA Endrin	0.000	6.684f	0	6744705	N.D.	0.364 #
15)	B Endosulfa...	6.235	6.883f	3061157	7314362	2.153	0.382 #
16)	A 4,4'-DDD	0.000	6.839	0	15525832	N.D.	0.878 #
18)	B Endrin al...	0.000	7.026f	0	38282271	N.D.	2.355 #
23)	Chlordane-1	4.285	5.039	2935876	47816849	50.827	46.970
24)	Chlordane-2	4.782	5.504	2833621	48548205	48.126	51.416
25)	Chlordane-3	5.344	6.150	7755192	153.5E6	43.167	47.961
26)	Chlordane-4	5.402	6.226	6610477	180.5E6	41.551	49.042
27)	Chlordane-5	6.235	7.026	3061157	38282271	51.592	45.875

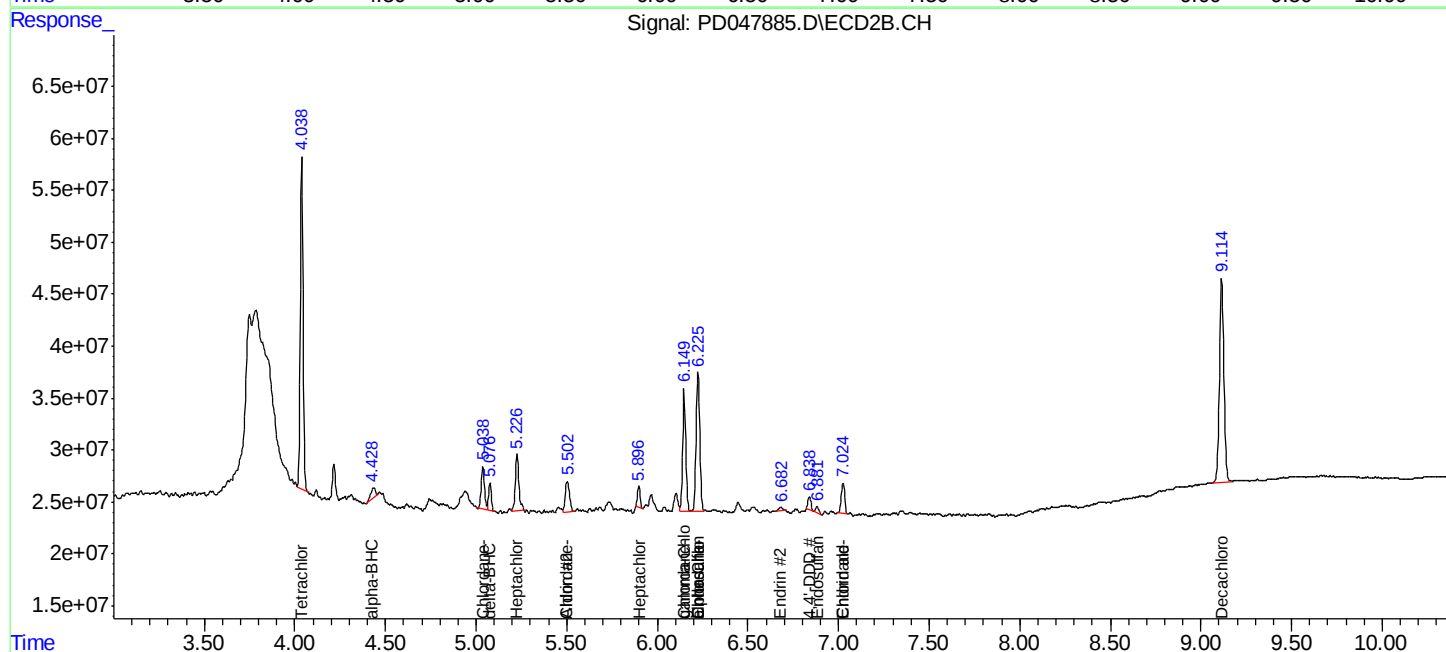
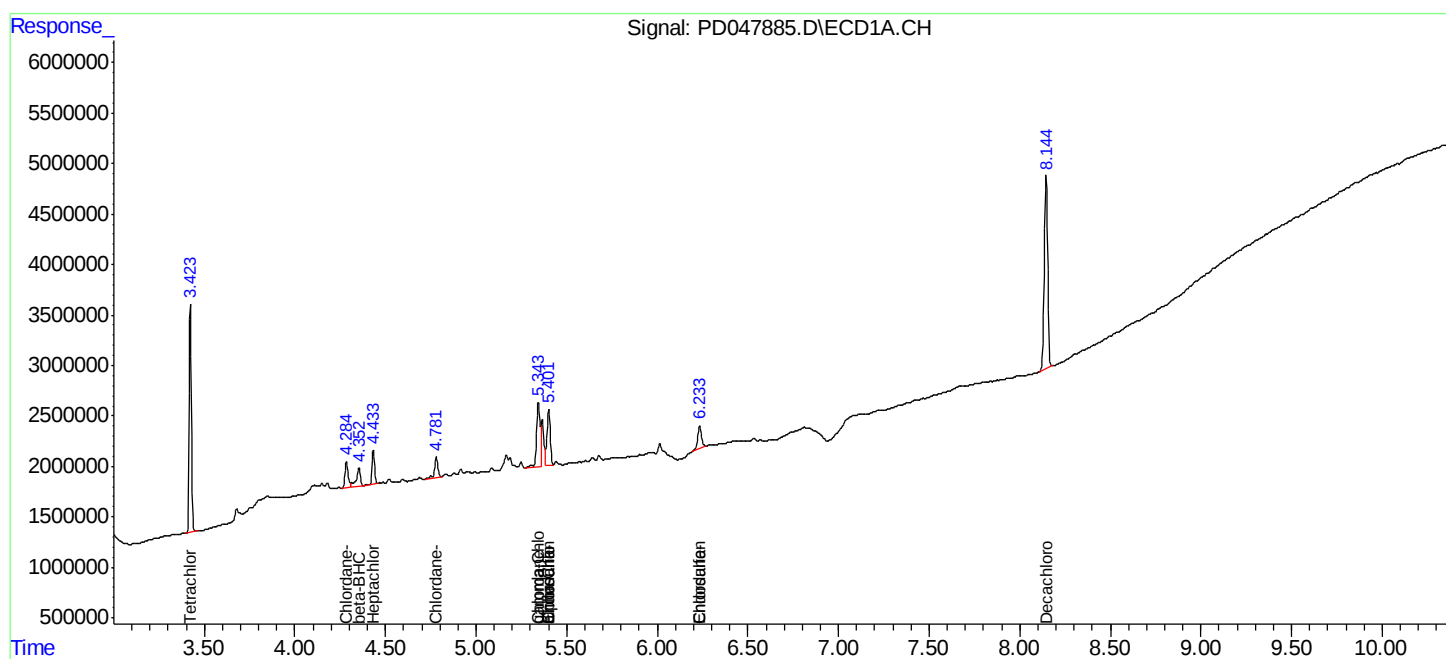
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

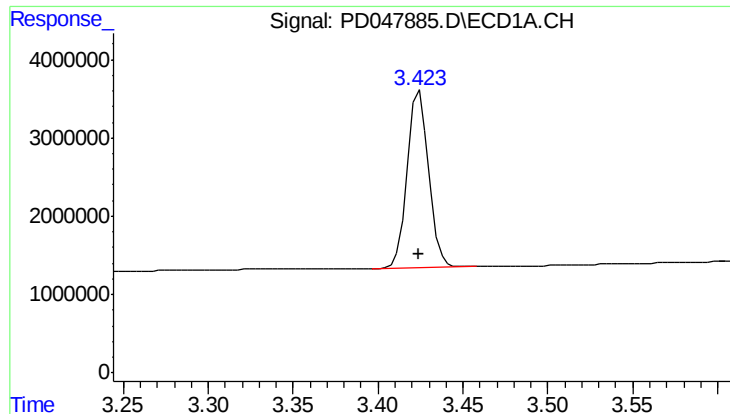
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047885.D
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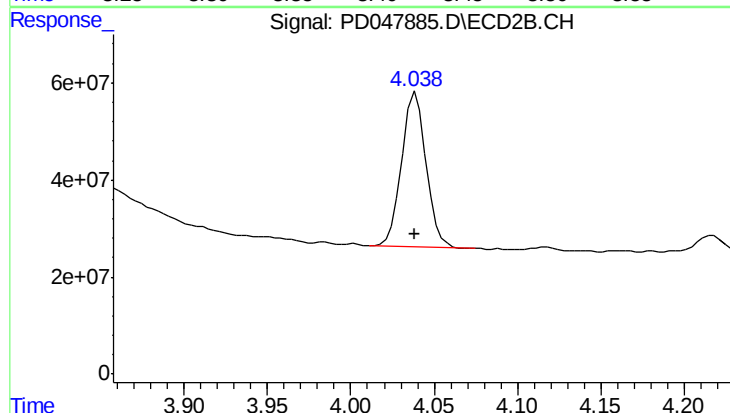




#1 Tetrachloro-m-xylene

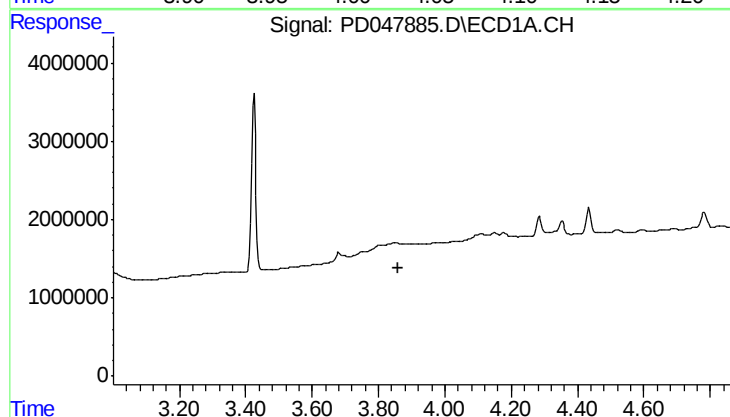
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 19739886
Conc: 17.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



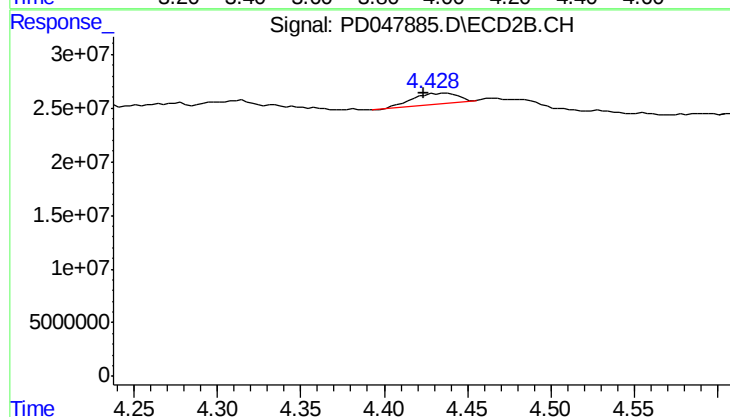
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 321099426
Conc: 17.86 ng/ml



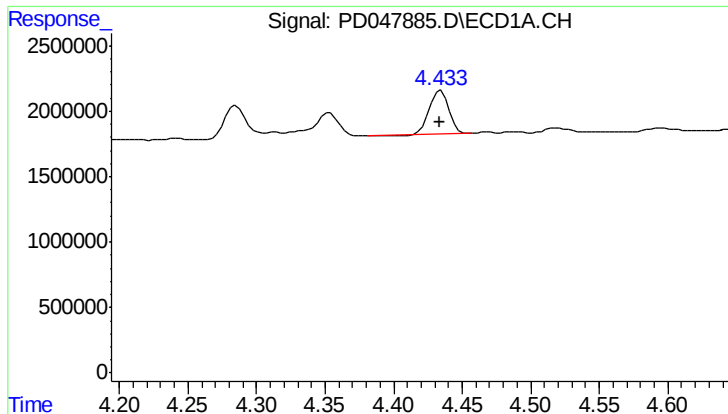
#2 alpha-BHC

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



#2 alpha-BHC

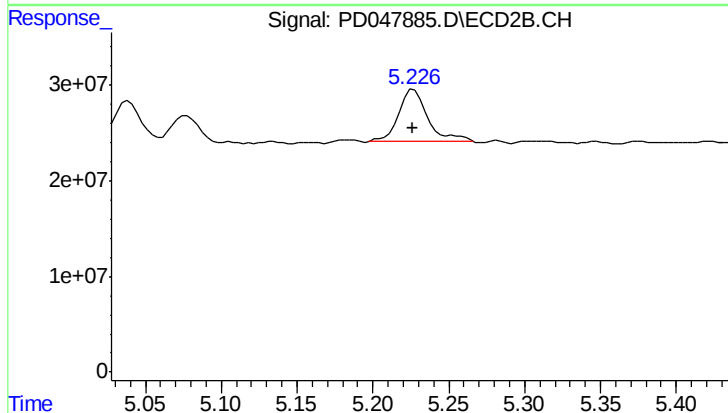
R.T.: 4.437 min
Delta R.T.: 0.013 min
Response: 18096037
Conc: 0.63 ng/ml



#4 Heptachlor

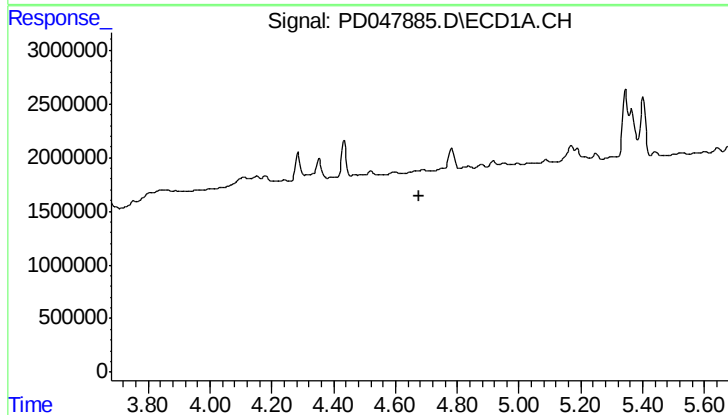
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3347512
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



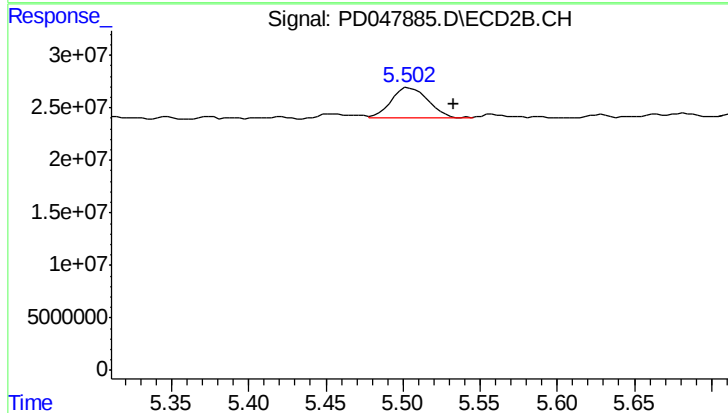
#4 Heptachlor

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 71303941
Conc: 2.84 ng/ml



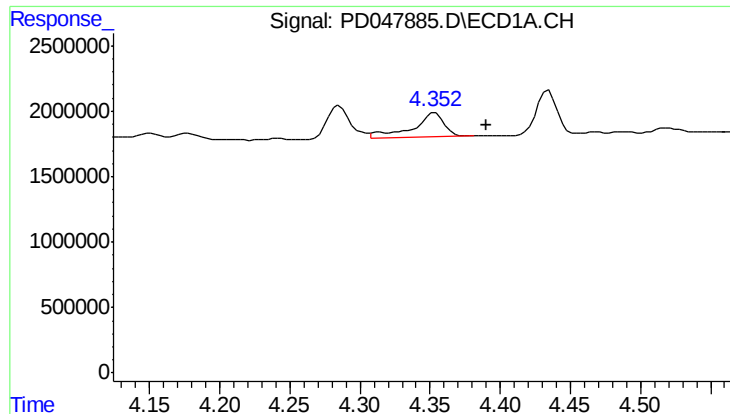
#5 Aldrin

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



#5 Aldrin

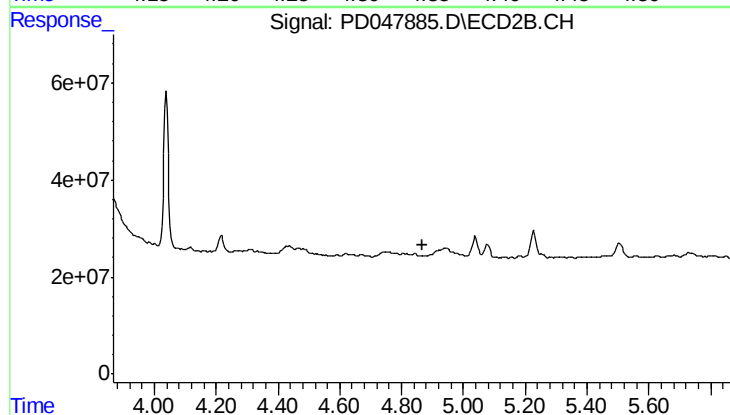
R.T.: 5.504 min
Delta R.T.: -0.029 min
Response: 48548205
Conc: 2.03 ng/ml



#6 beta-BHC

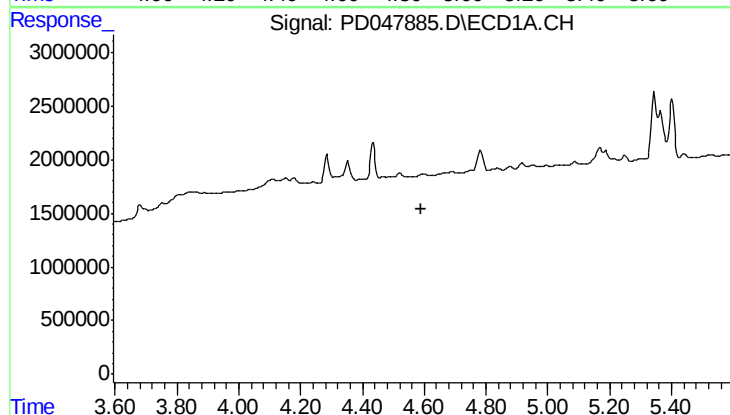
R.T.: 4.353 min
Delta R.T.: -0.037 min
Response: 2888807
Conc: 4.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



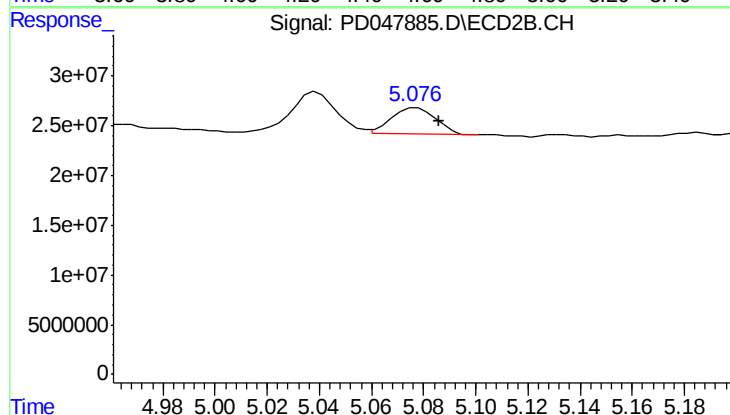
#6 beta-BHC

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



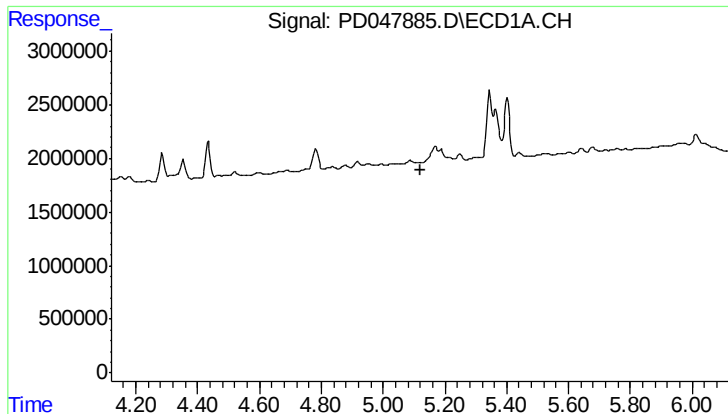
#7 delta-BHC

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



#7 delta-BHC

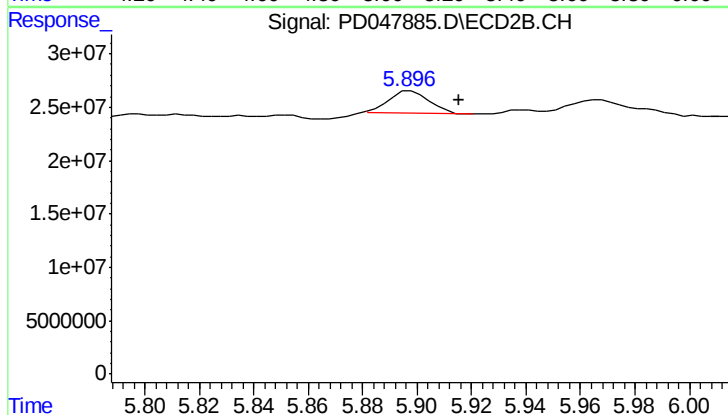
R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 31787788
Conc: 1.22 ng/ml



#8 Heptachlor epoxide

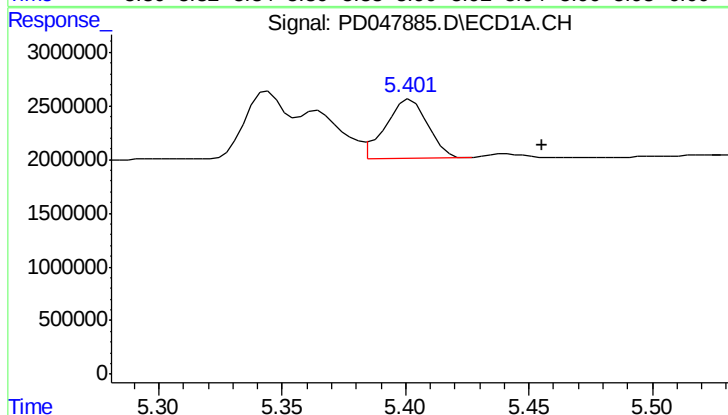
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: -1108789
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



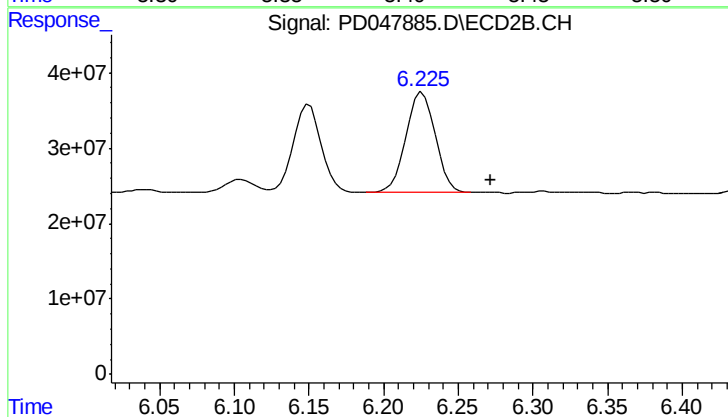
#8 Heptachlor epoxide

R.T.: 5.898 min
Delta R.T.: -0.018 min
Response: 21231321
Conc: 0.96 ng/ml



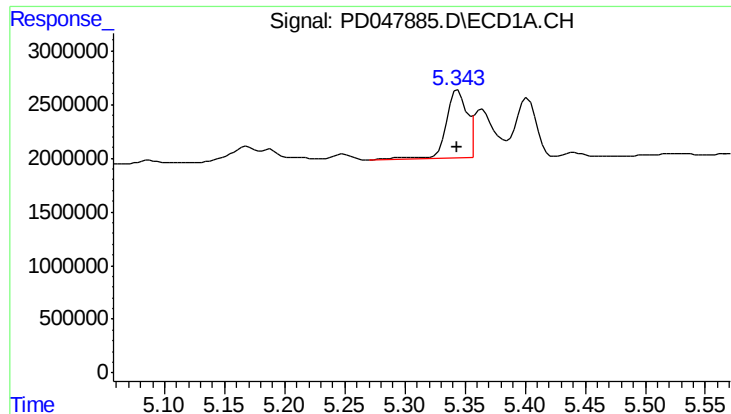
#9 Endosulfan I

R.T.: 5.402 min
Delta R.T.: -0.053 min
Response: 6610477
Conc: 4.68 ng/ml



#9 Endosulfan I

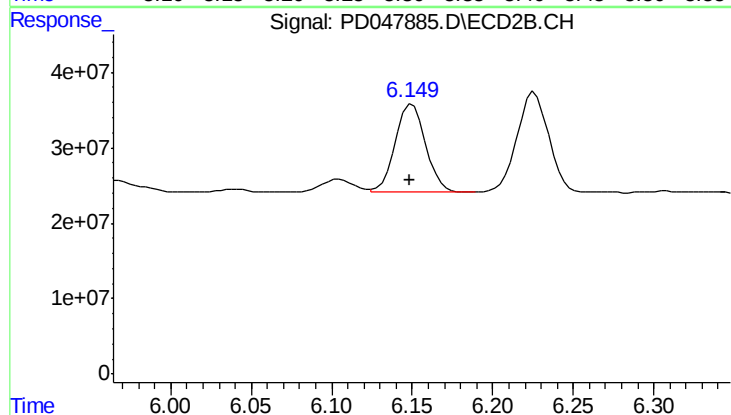
R.T.: 6.226 min
Delta R.T.: -0.046 min
Response: 180505552
Conc: 8.92 ng/ml



#10 gamma-Chlordane

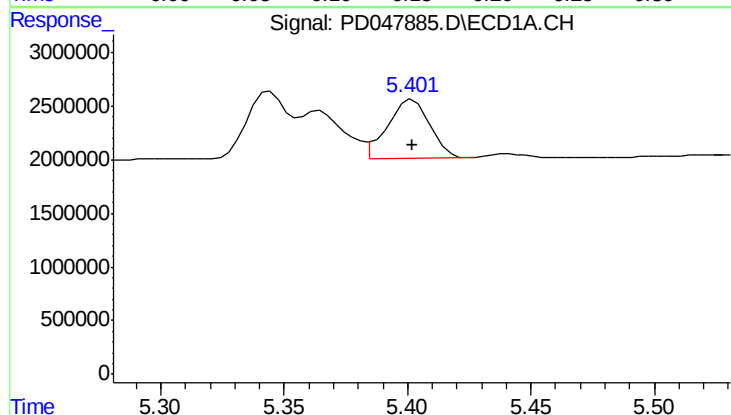
R.T.: 5.344 min
Delta R.T.: 0.001 min
Response: 7755192
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



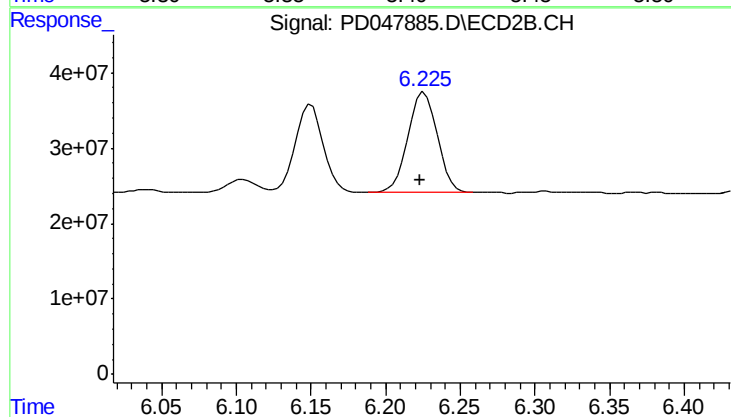
#10 gamma-Chlordane

R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 153493253
Conc: 6.70 ng/ml



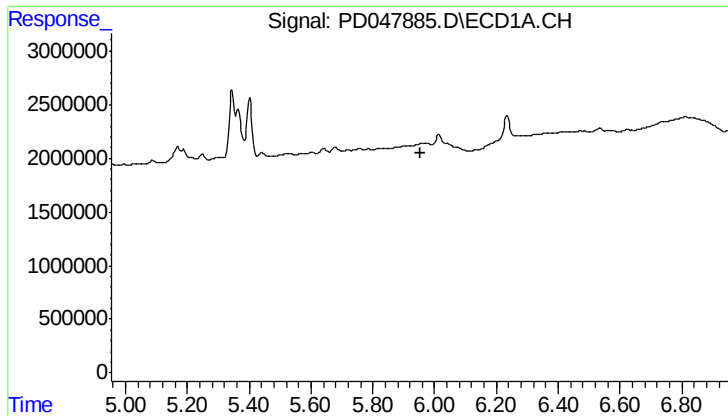
#11 alpha-Chlordane

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6610477
Conc: 4.41 ng/ml



#11 alpha-Chlordane

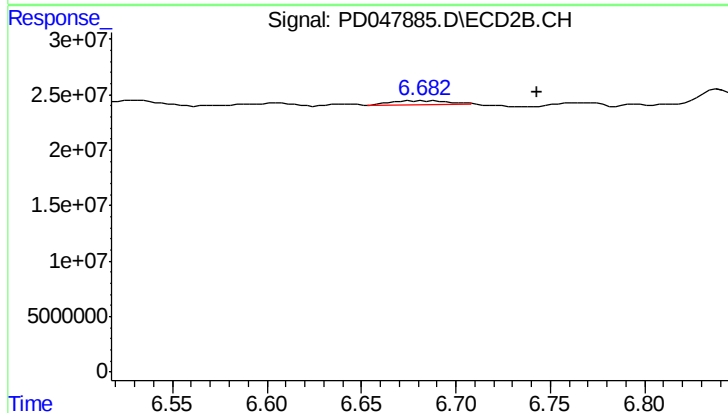
R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 180505552
Conc: 8.21 ng/ml



#14 Endrin

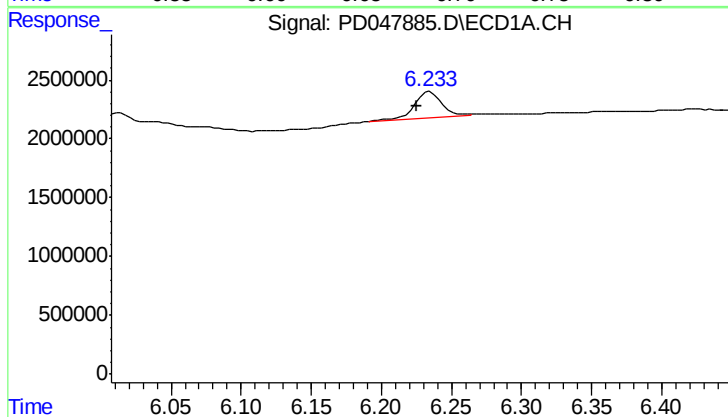
R.T.: 0.000 min
Exp R.T.: 5.953 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



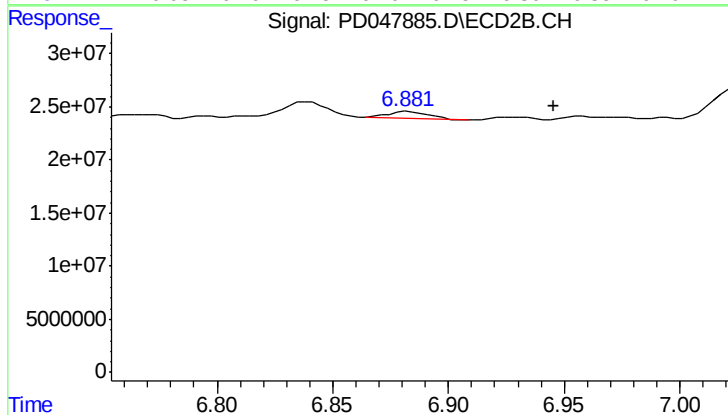
#14 Endrin

R.T.: 6.684 min
Delta R.T.: -0.059 min
Response: 6744705
Conc: 0.36 ng/ml



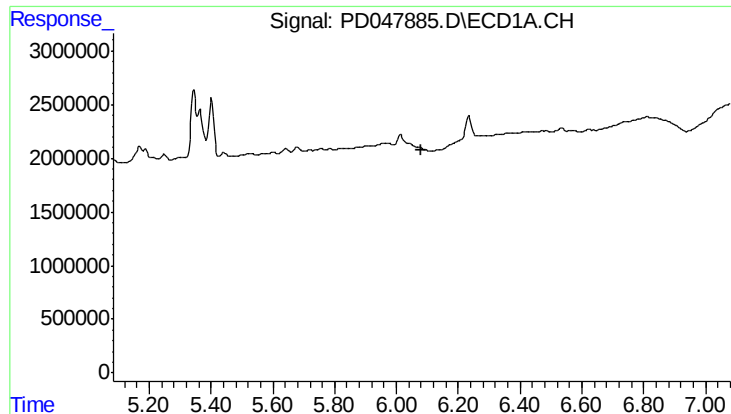
#15 Endosulfan II

R.T.: 6.235 min
Delta R.T.: 0.010 min
Response: 3061157
Conc: 2.15 ng/ml



#15 Endosulfan II

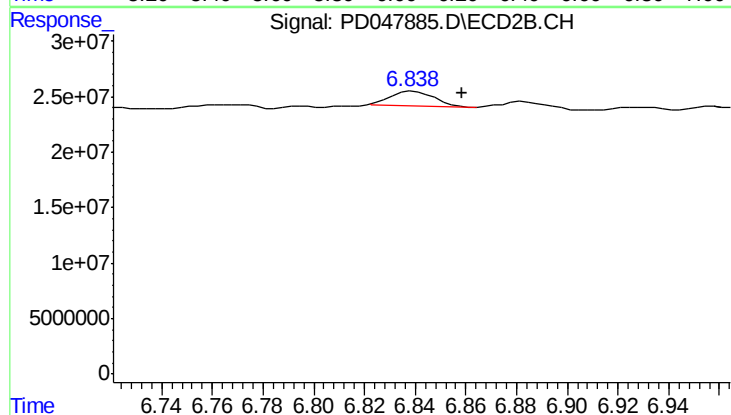
R.T.: 6.883 min
Delta R.T.: -0.063 min
Response: 7314362
Conc: 0.38 ng/ml



#16 4,4'-DDD

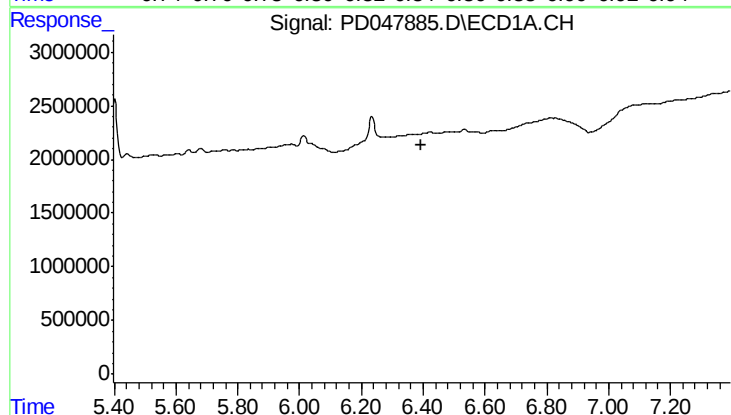
R.T.: 0.000 min
Exp R.T.: 6.082 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



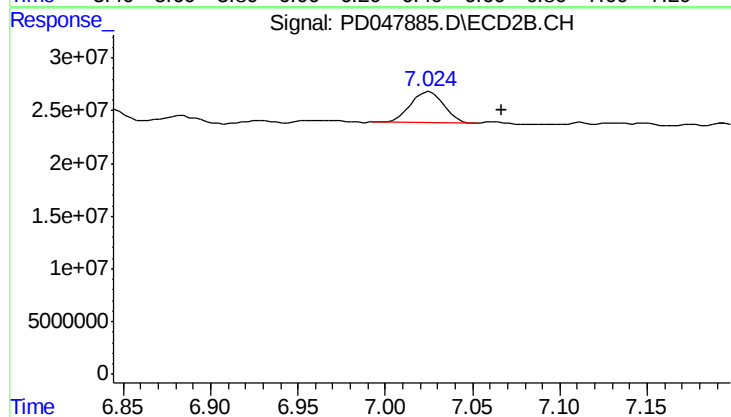
#16 4,4'-DDD

R.T.: 6.839 min
Delta R.T.: -0.019 min
Response: 15525832
Conc: 0.88 ng/ml



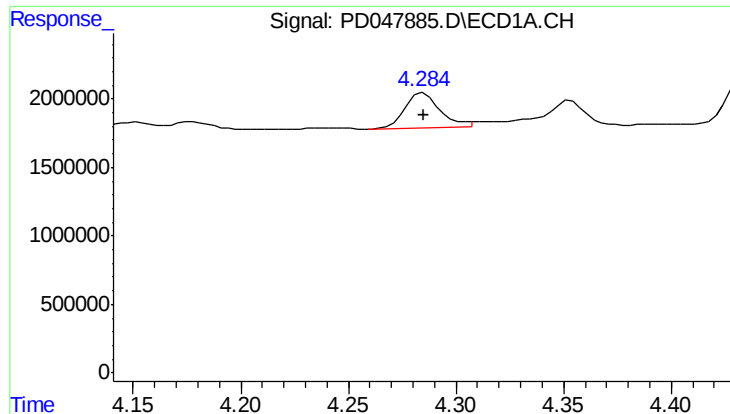
#18 Endrin aldehyde

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



#18 Endrin aldehyde

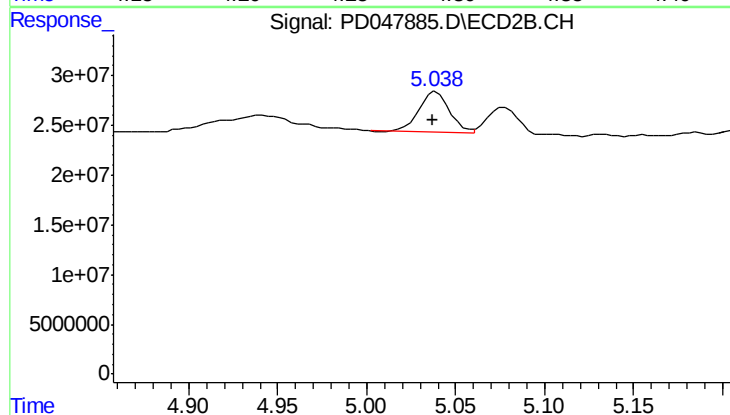
R.T.: 7.026 min
Delta R.T.: -0.041 min
Response: 38282271
Conc: 2.35 ng/ml



#23 Chlordane-1

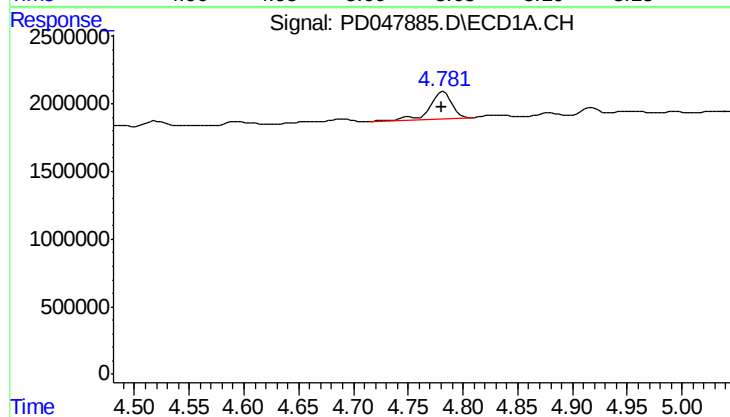
R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 2935876
Conc: 50.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



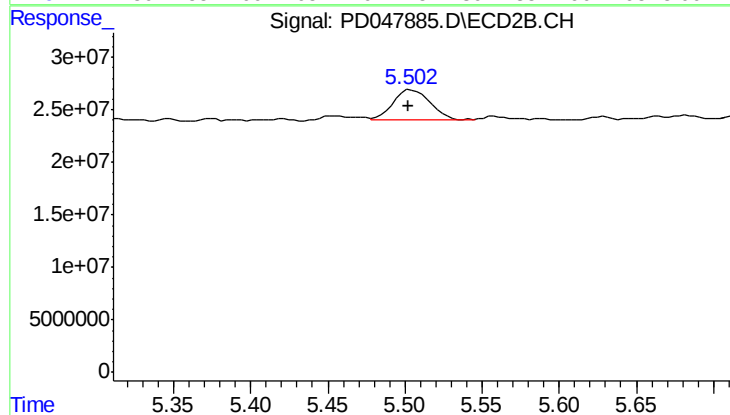
#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: 0.002 min
Response: 47816849
Conc: 46.97 ng/ml



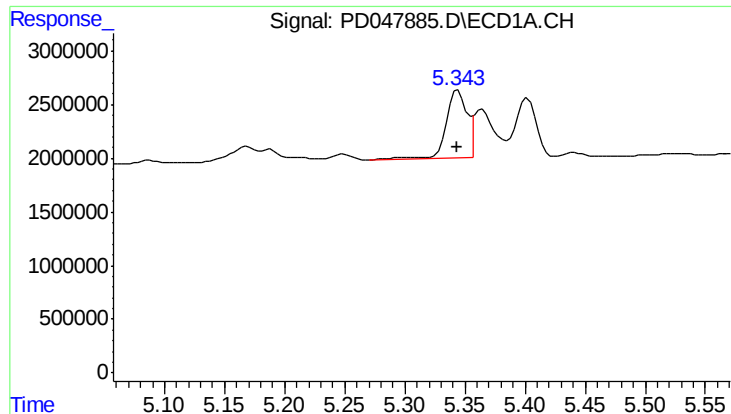
#24 Chlordane-2

R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 2833621
Conc: 48.13 ng/ml



#24 Chlordane-2

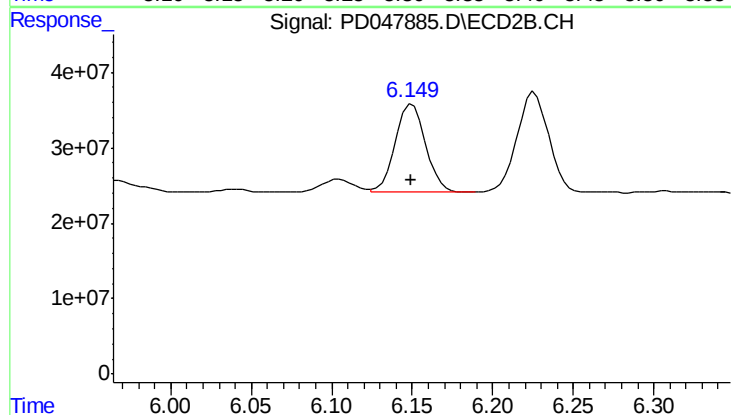
R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 48548205
Conc: 51.42 ng/ml



#25 Chlordane-3

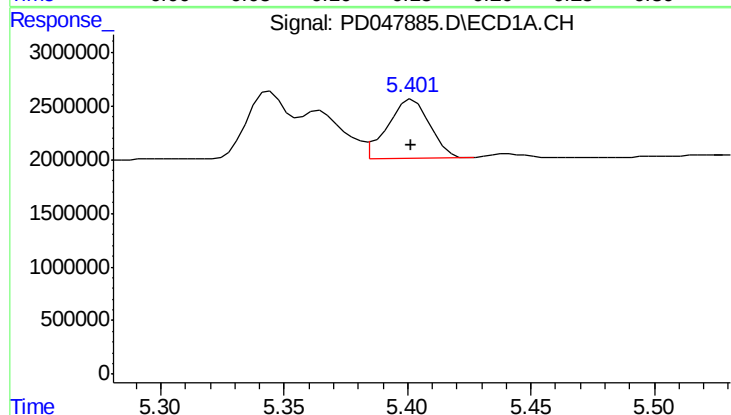
R.T.: 5.344 min
Delta R.T.: 0.001 min
Response: 7755192
Conc: 43.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



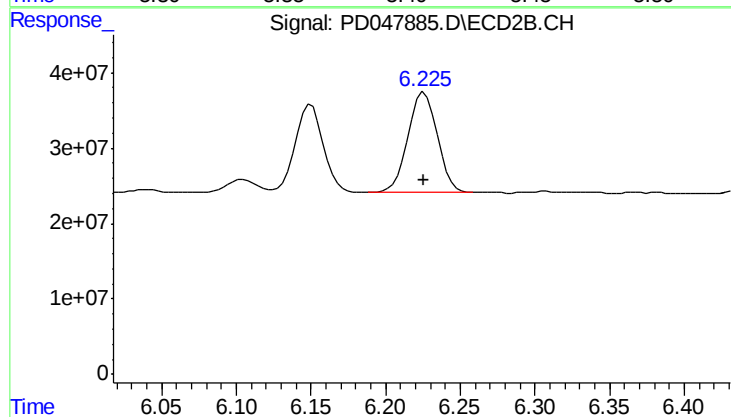
#25 Chlordane-3

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 153493253
Conc: 47.96 ng/ml



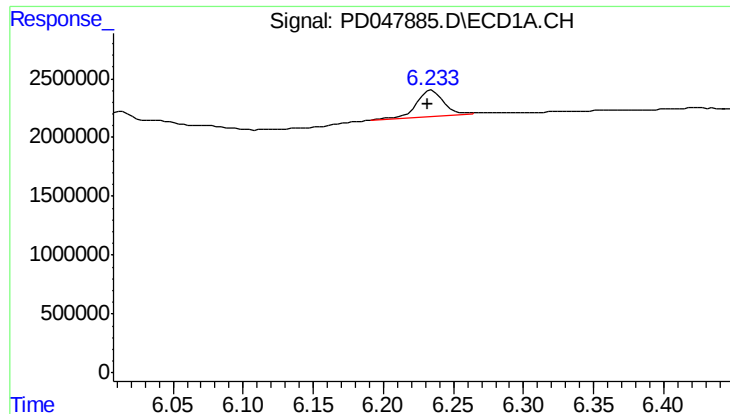
#26 Chlordane-4

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6610477
Conc: 41.55 ng/ml



#26 Chlordane-4

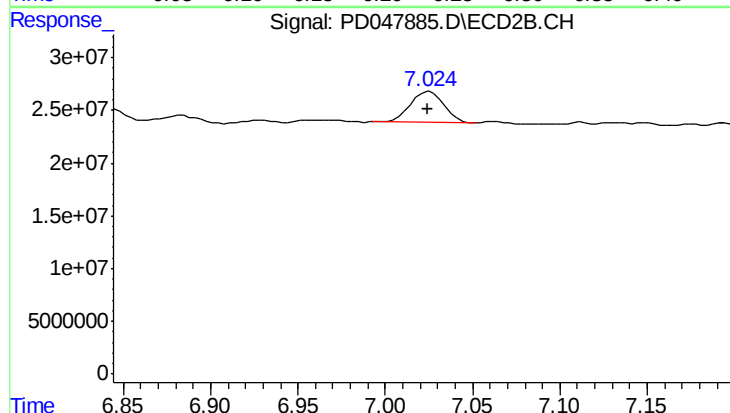
R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 180505552
Conc: 49.04 ng/ml



#27 Chlordane-5

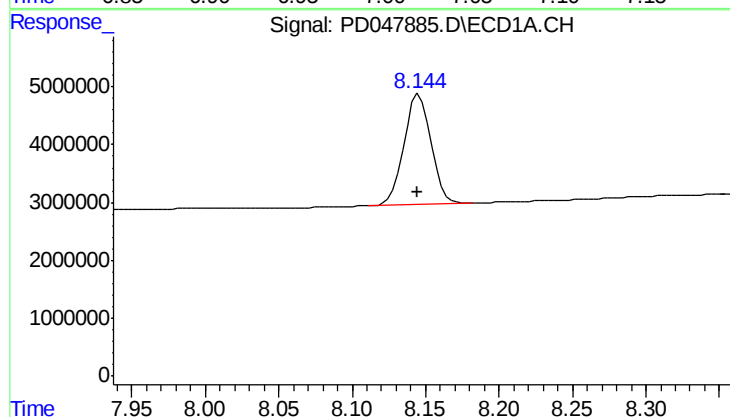
R.T.: 6.235 min
Delta R.T.: 0.003 min
Response: 3061157
Conc: 51.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 02



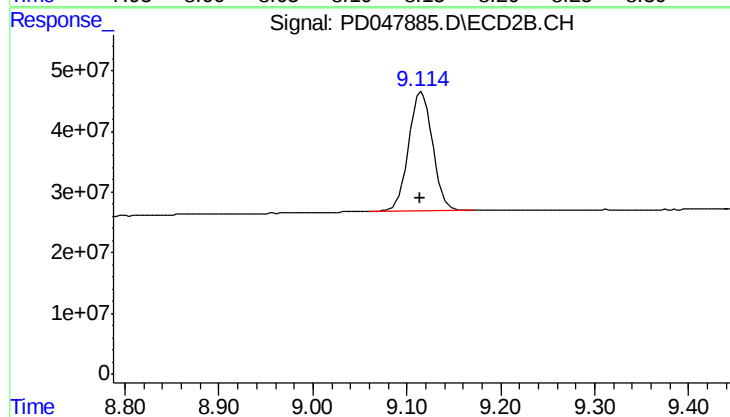
#27 Chlordane-5

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 38282271
Conc: 45.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 24459335
Conc: 17.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 348717040
Conc: 20.47 ng/ml