

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047887.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 May 2018 23:00
 Operator : UA/AJ
 Sample : LOQ CHLOR SOIL 04
 Misc : Precision Bias Study 04 (50 PPB)
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ CHLOR SOIL 04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:02:08 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	20333267	331.5E6	17.708	18.434
28)	SA Decachlor...	8.146	9.115	24627081	348.6E6	17.434	20.463
Target Compounds							
2)	A alpha-BHC	0.000	4.438	0	19157779	N.D.	0.670 #
4)	MA Heptachlor	4.434	5.226	3355390	71985281	1.999	2.863 #
5)	MB Aldrin	0.000	5.504	0	51132712	N.D.	2.137 #
6)	B beta-BHC	4.353f	0.000	2369825	0	3.301	N.D. #
7)	B delta-BHC	0.000	5.078	0	26613020	N.D.	1.025 #
8)	B Heptachlo...	5.168f	5.898	1924237	20826102	1.265	0.937 #
9)	A Endosulfan I	5.402f	6.226f	6661001	190.7E6	4.717	9.423 #
10)	B gamma-Chl...	5.344	6.149	7409999	160.5E6	4.833	7.002 #
11)	B alpha-Chl...	5.402	6.226	6661001	190.7E6	4.445	8.670 #
13)	MA Dieldrin	0.000	6.531	0	10741881	N.D.	0.486 #
14)	MA Endrin	6.021f	6.761	2874200	45704653	1.911	2.465 #
15)	B Endosulfa...	6.234	0.000	3019140	0	2.123	N.D. #
16)	A 4,4'-DDD	6.021f	6.839	2874200	16012677	2.202	0.905 #
18)	B Endrin al...	0.000	7.024f	0	40859915	N.D.	2.514 #
23)	Chlordane-1	4.285	5.038	2959259	49797979	51.232	48.916
24)	Chlordane-2	4.782	5.504	2806153	51132712	47.659	54.153
25)	Chlordane-3	5.344	6.149	7409999	160.5E6	41.245	50.135
26)	Chlordane-4	5.402	6.226	6661001	190.7E6	41.868	51.804
27)	Chlordane-5	6.234	7.024	3019140	40859915	50.884	48.964

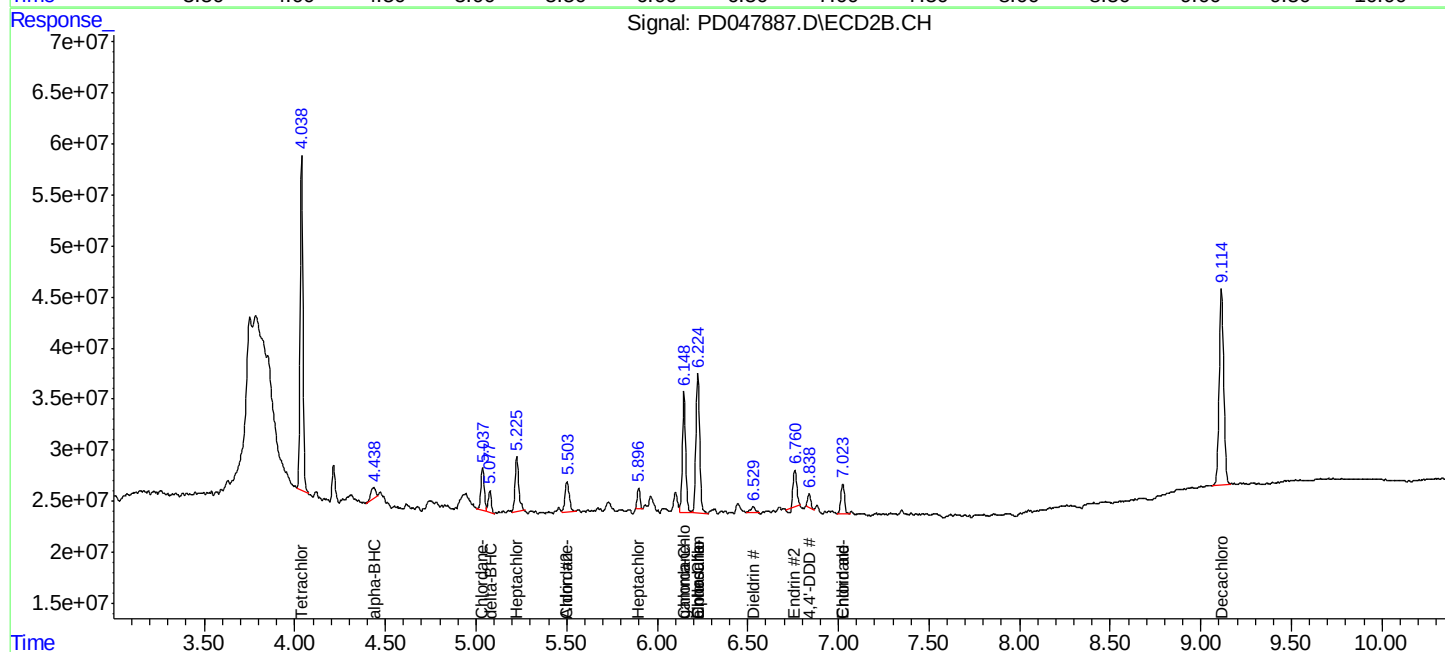
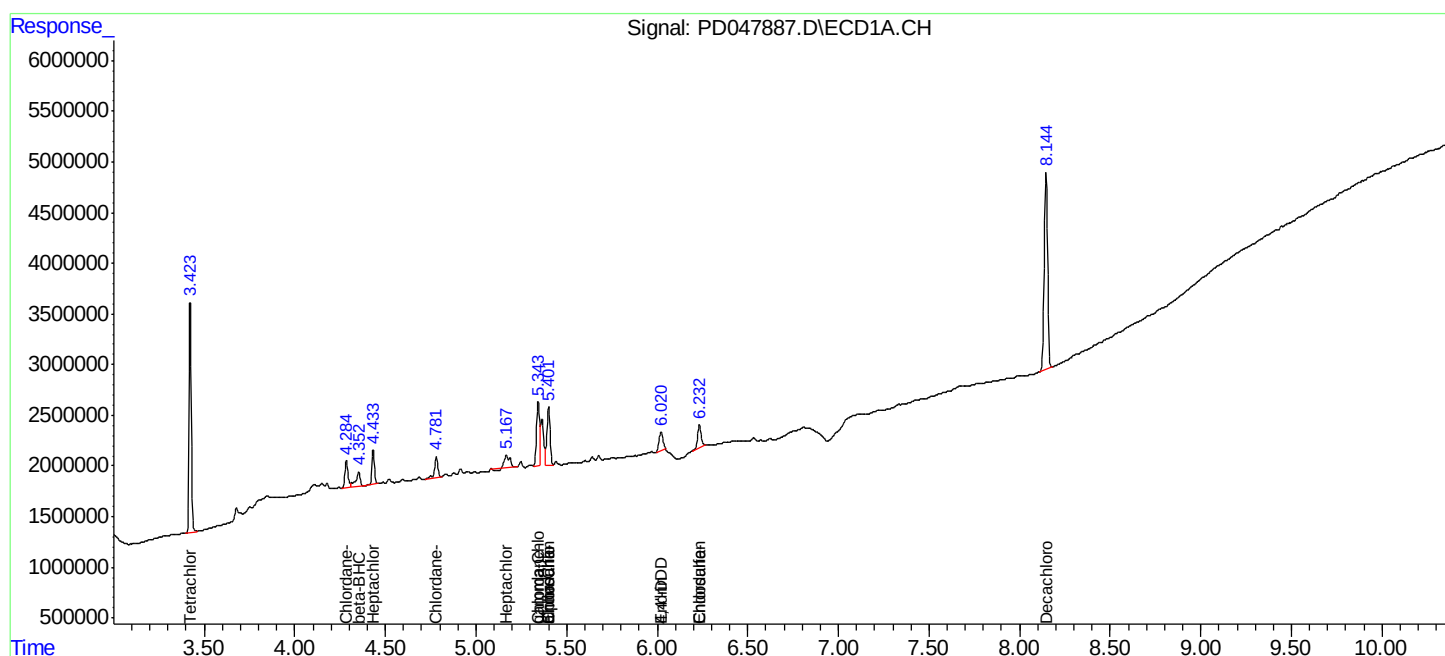
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

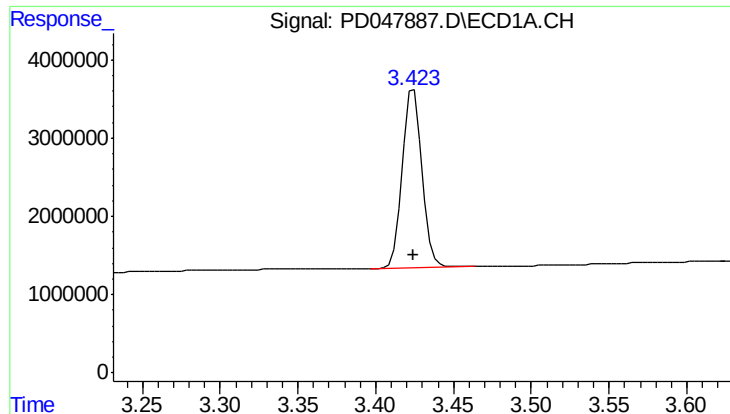
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047887.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 May 2018 23:00
Operator : UA/AJ
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Misc : Precision Bias Study 04 (50 PPB)
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Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04

Integration File signal 1: autoint1.e
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Quant Time: May 25 05:02:08 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
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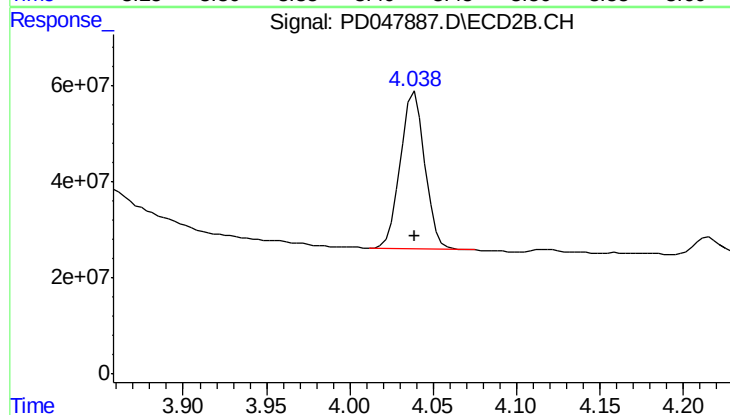




#1 Tetrachloro-m-xylene

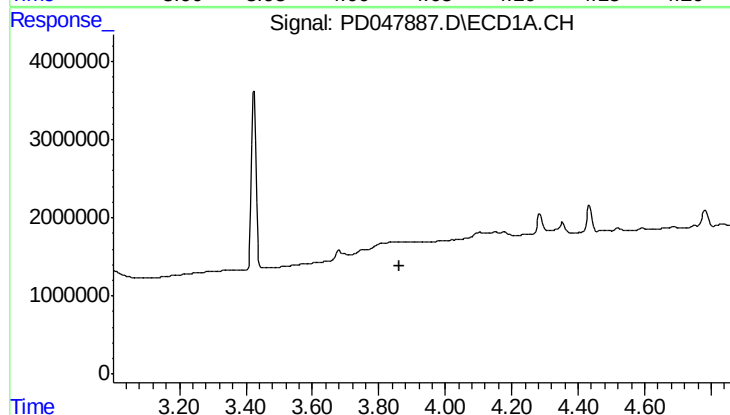
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 20333267
Conc: 17.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



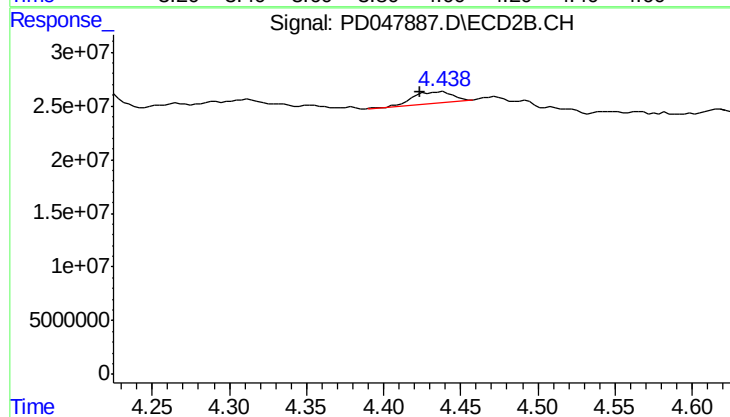
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 331464592
Conc: 18.43 ng/ml



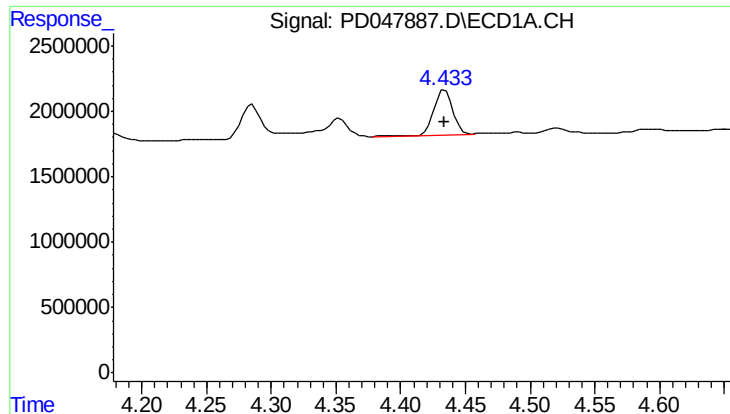
#2 alpha-BHC

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



#2 alpha-BHC

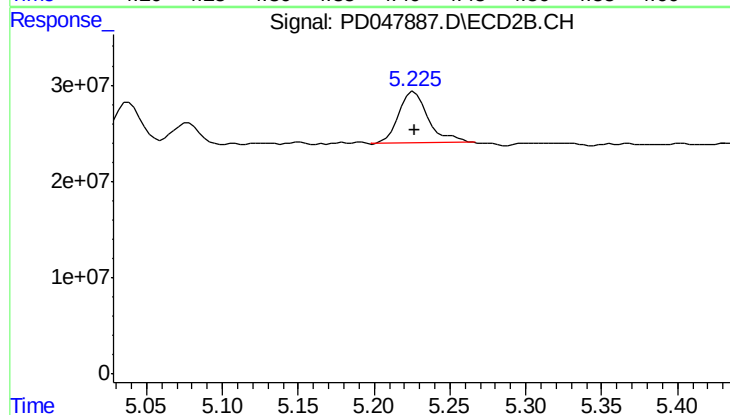
R.T.: 4.438 min
Delta R.T.: 0.014 min
Response: 19157779
Conc: 0.67 ng/ml



#4 Heptachlor

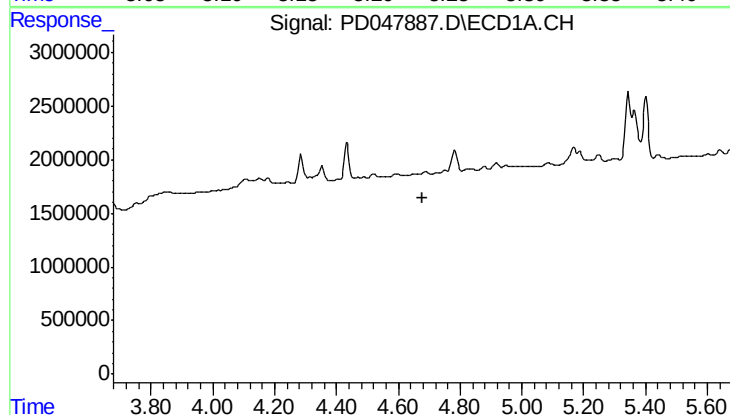
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3355390
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



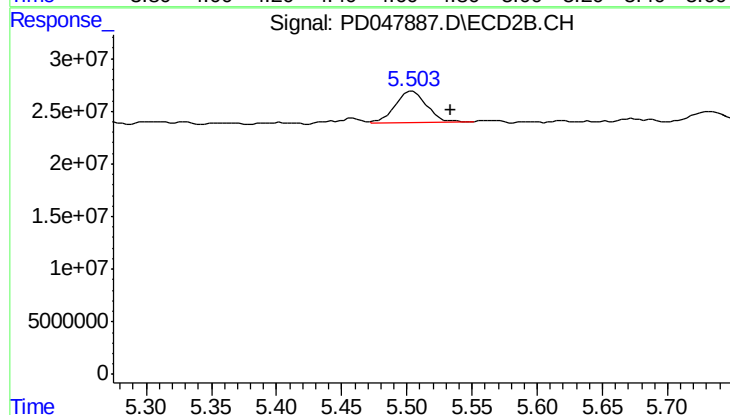
#4 Heptachlor

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 71985281
Conc: 2.86 ng/ml



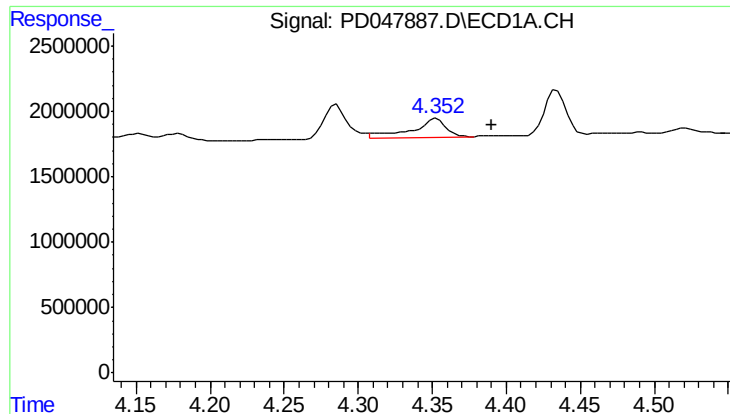
#5 Aldrin

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



#5 Aldrin

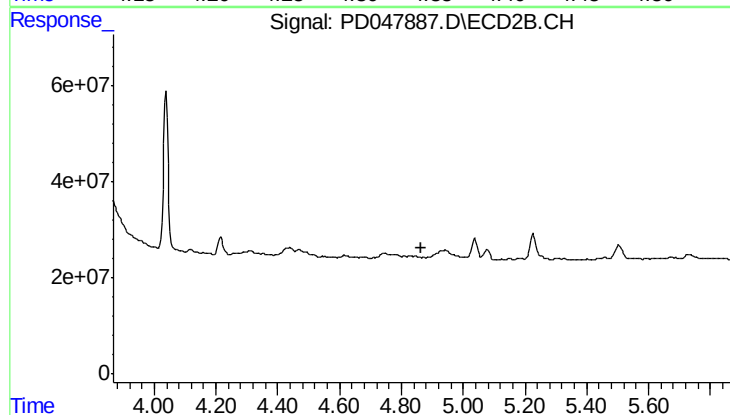
R.T.: 5.504 min
Delta R.T.: -0.029 min
Response: 51132712
Conc: 2.14 ng/ml



#6 beta-BHC

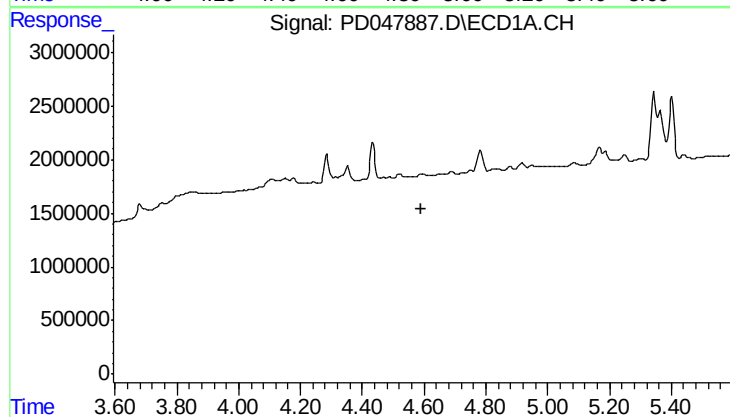
R.T.: 4.353 min
Delta R.T.: -0.037 min
Response: 2369825
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



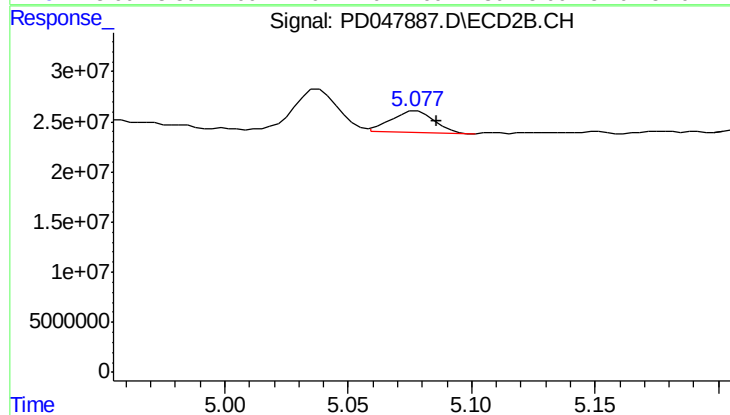
#6 beta-BHC

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



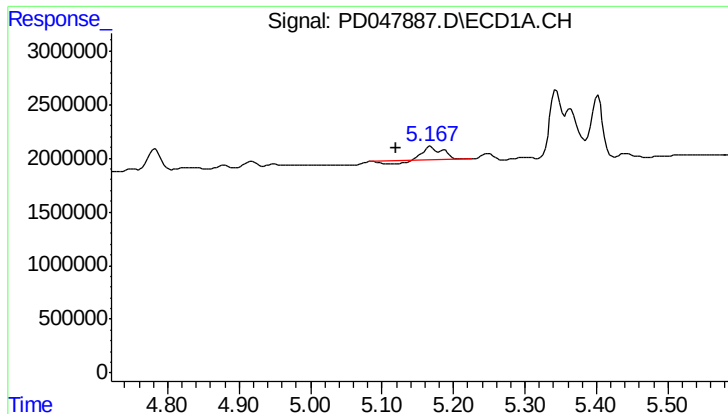
#7 delta-BHC

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



#7 delta-BHC

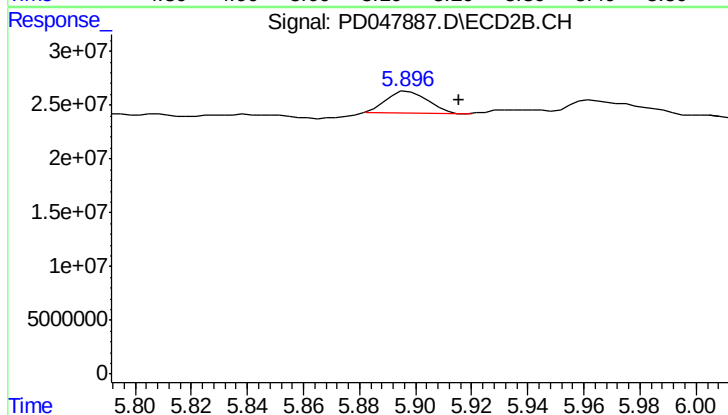
R.T.: 5.078 min
Delta R.T.: -0.008 min
Response: 26613020
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

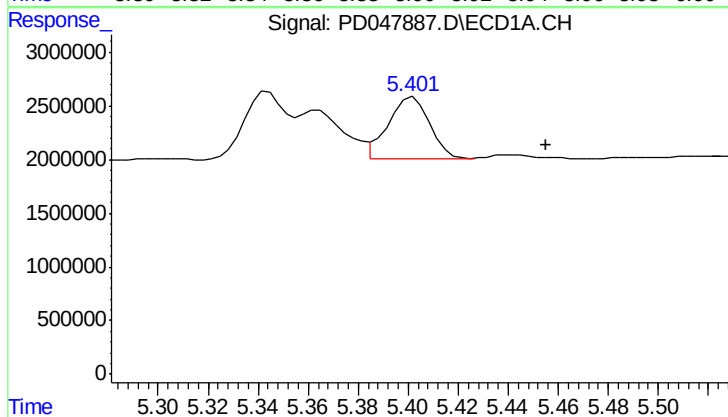
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: 1924237
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



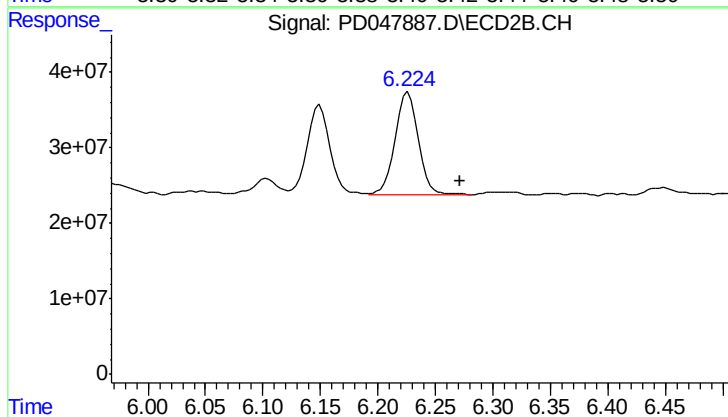
#8 Heptachlor epoxide

R.T.: 5.898 min
Delta R.T.: -0.018 min
Response: 20826102
Conc: 0.94 ng/ml



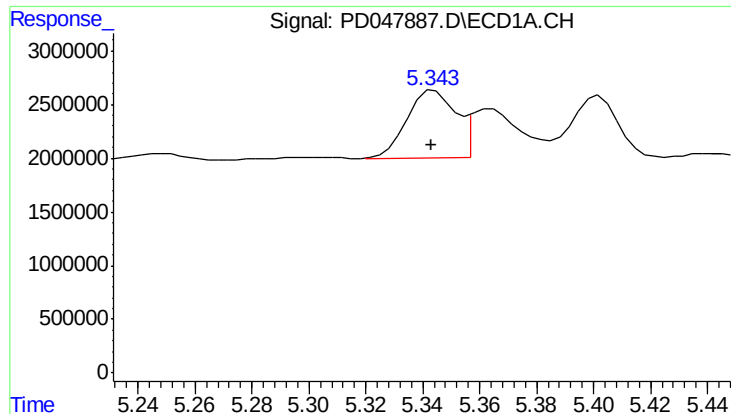
#9 Endosulfan I

R.T.: 5.402 min
Delta R.T.: -0.053 min
Response: 6661001
Conc: 4.72 ng/ml



#9 Endosulfan I

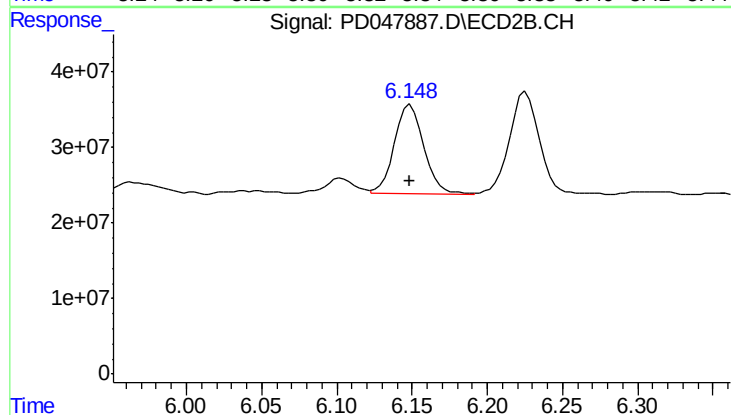
R.T.: 6.226 min
Delta R.T.: -0.046 min
Response: 190671317
Conc: 9.42 ng/ml



#10 gamma-Chlordane

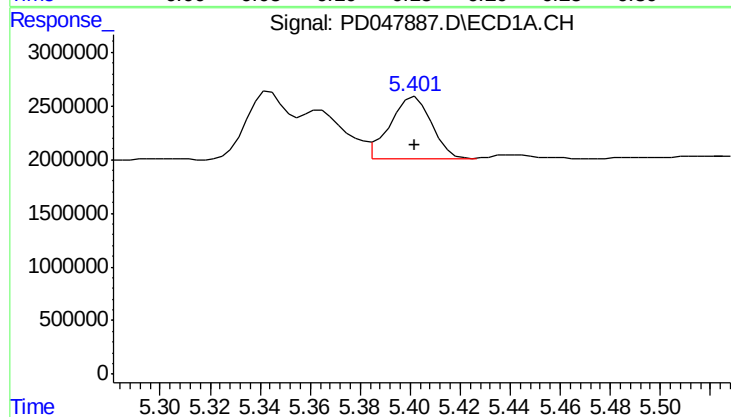
R.T.: 5.344 min
Delta R.T.: 0.001 min
Response: 7409999
Conc: 4.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



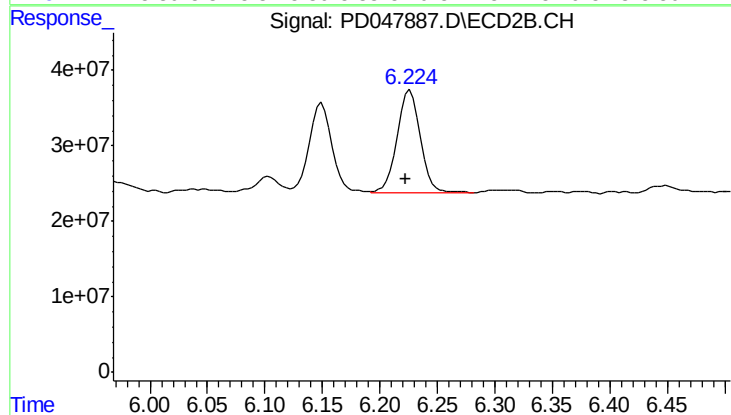
#10 gamma-Chlordane

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 160450741
Conc: 7.00 ng/ml



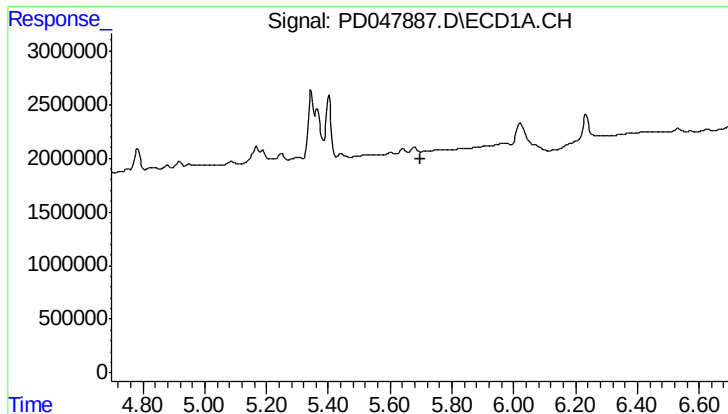
#11 alpha-Chlordane

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6661001
Conc: 4.45 ng/ml



#11 alpha-Chlordane

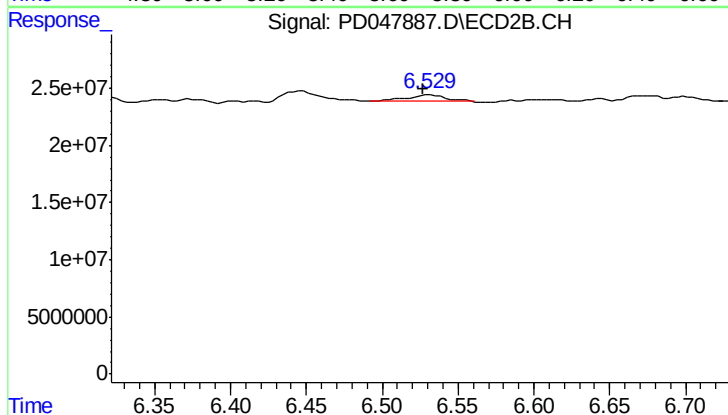
R.T.: 6.226 min
Delta R.T.: 0.003 min
Response: 190671317
Conc: 8.67 ng/ml



#13 Dieldrin

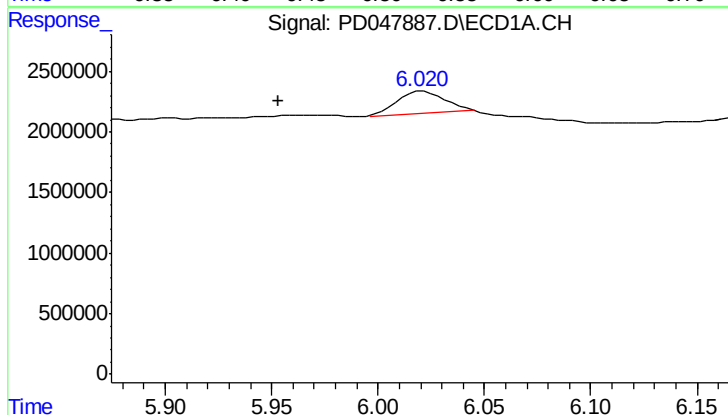
R.T.: 0.000 min
Exp R.T.: 5.697 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



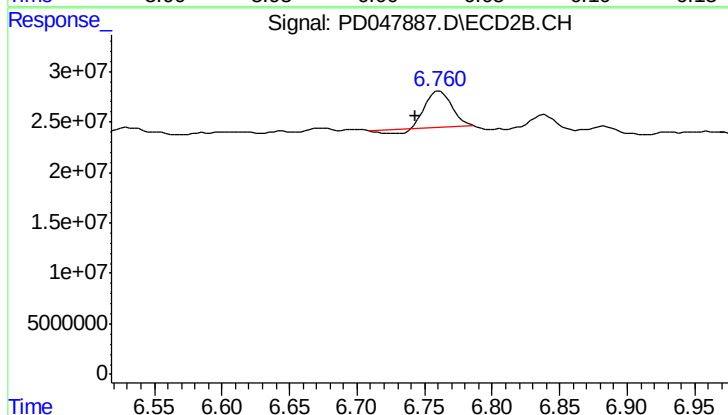
#13 Dieldrin

R.T.: 6.531 min
Delta R.T.: 0.004 min
Response: 10741881
Conc: 0.49 ng/ml



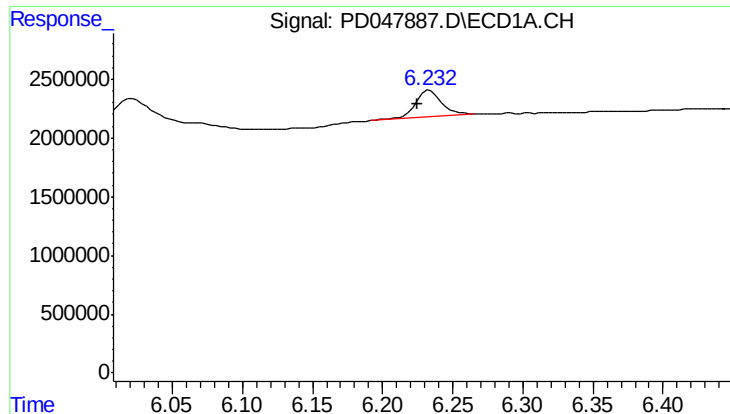
#14 Endrin

R.T.: 6.021 min
Delta R.T.: 0.068 min
Response: 2874200
Conc: 1.91 ng/ml



#14 Endrin

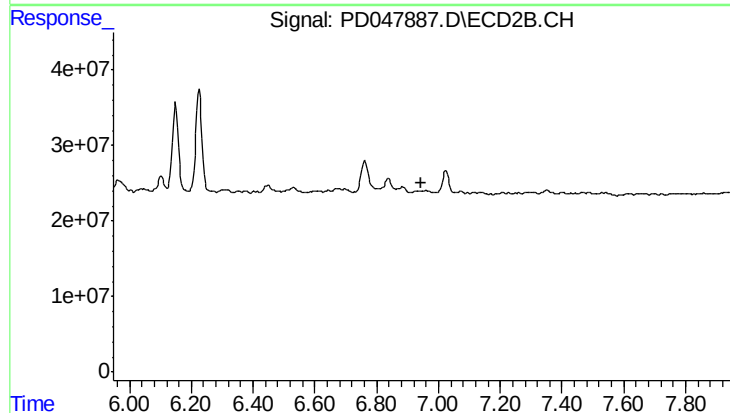
R.T.: 6.761 min
Delta R.T.: 0.018 min
Response: 45704653
Conc: 2.47 ng/ml



#15 Endosulfan II

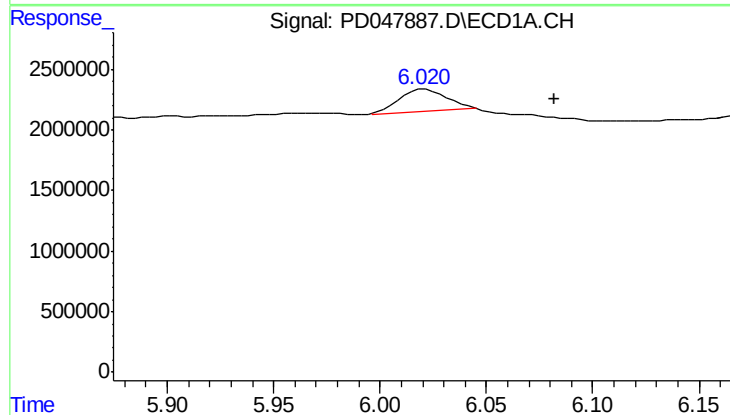
R.T.: 6.234 min
Delta R.T.: 0.009 min
Response: 3019140
Conc: 2.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



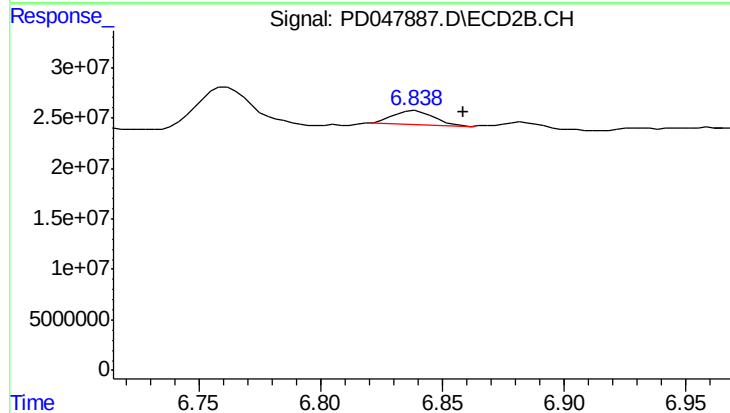
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.



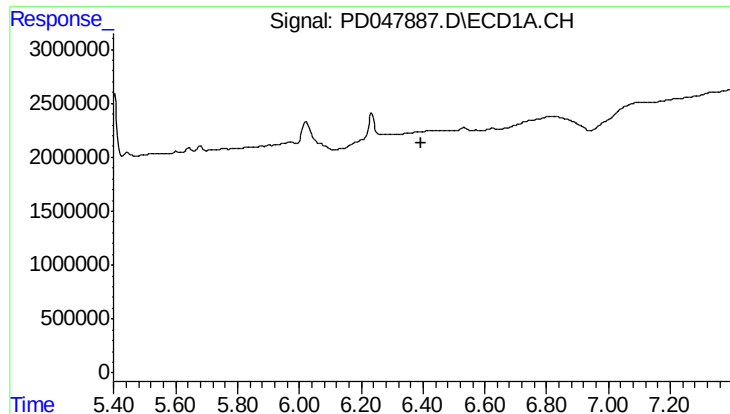
#16 4,4'-DDD

R.T.: 6.021 min
Delta R.T.: -0.060 min
Response: 2874200
Conc: 2.20 ng/ml



#16 4,4'-DDD

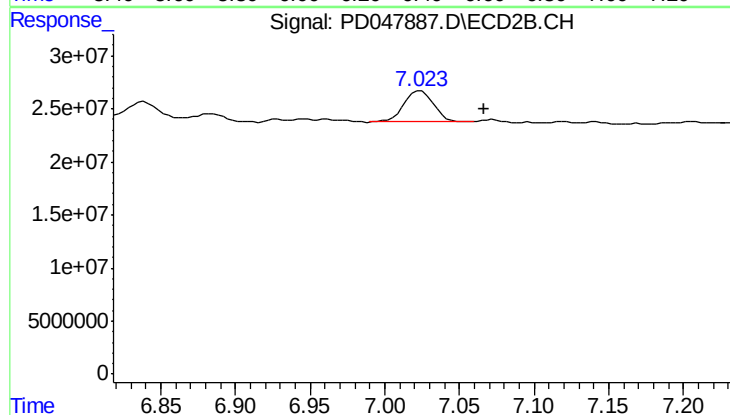
R.T.: 6.839 min
Delta R.T.: -0.019 min
Response: 16012677
Conc: 0.91 ng/ml



#18 Endrin aldehyde

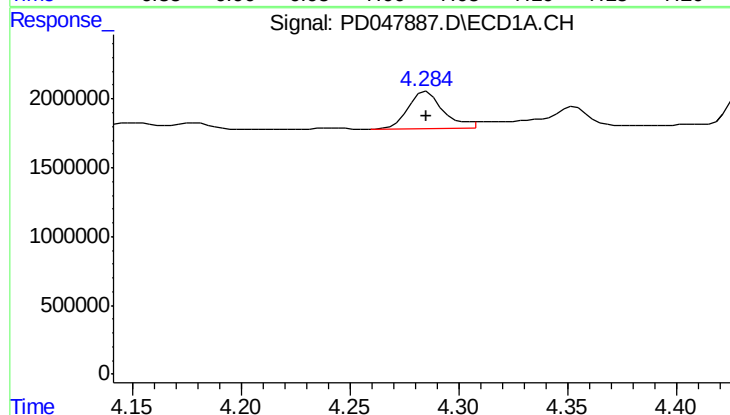
R.T.: 0.000 min
Exp R.T.: 6.396 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



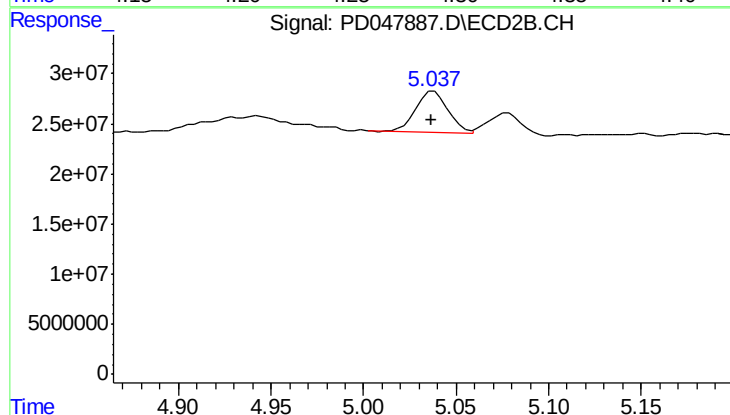
#18 Endrin aldehyde

R.T.: 7.024 min
Delta R.T.: -0.043 min
Response: 40859915
Conc: 2.51 ng/ml



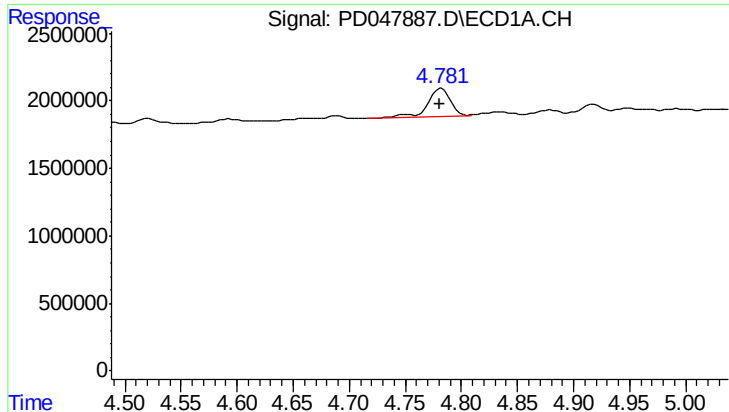
#23 Chlordane-1

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 2959259
Conc: 51.23 ng/ml



#23 Chlordane-1

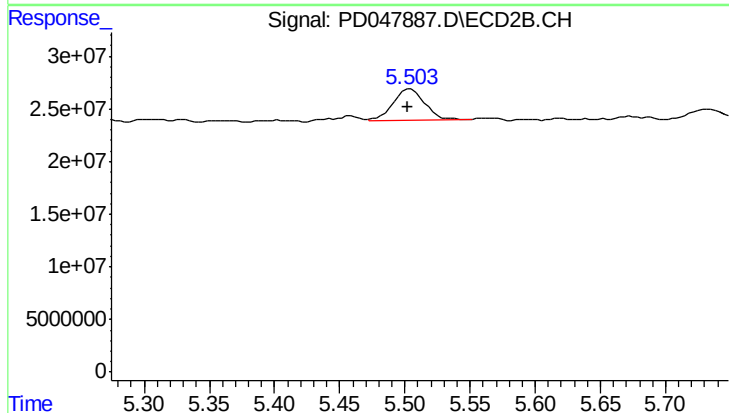
R.T.: 5.038 min
Delta R.T.: 0.001 min
Response: 49797979
Conc: 48.92 ng/ml



#24 Chlordane-2

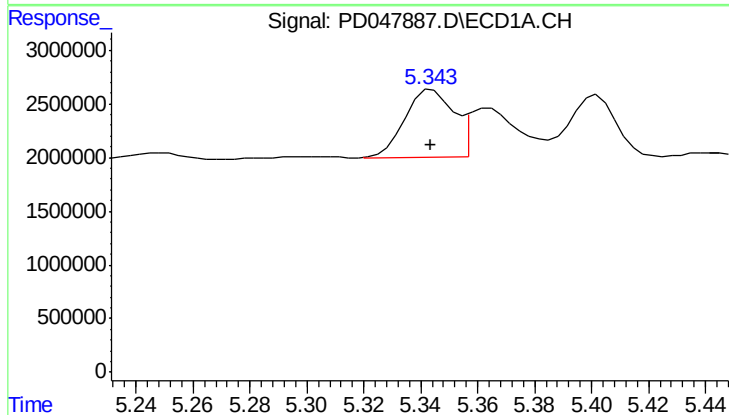
R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 2806153
Conc: 47.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



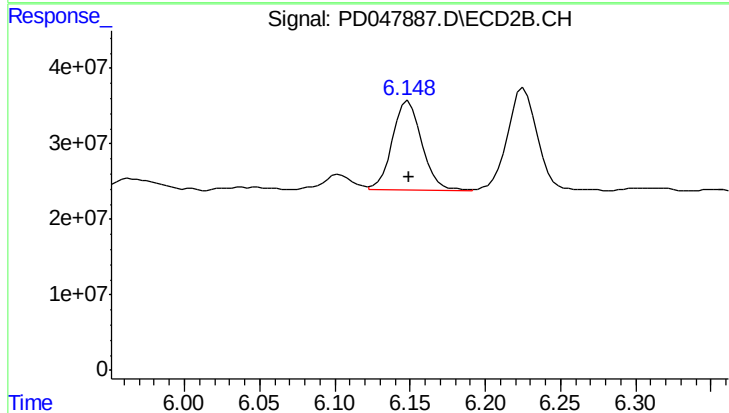
#24 Chlordane-2

R.T.: 5.504 min
Delta R.T.: 0.002 min
Response: 51132712
Conc: 54.15 ng/ml



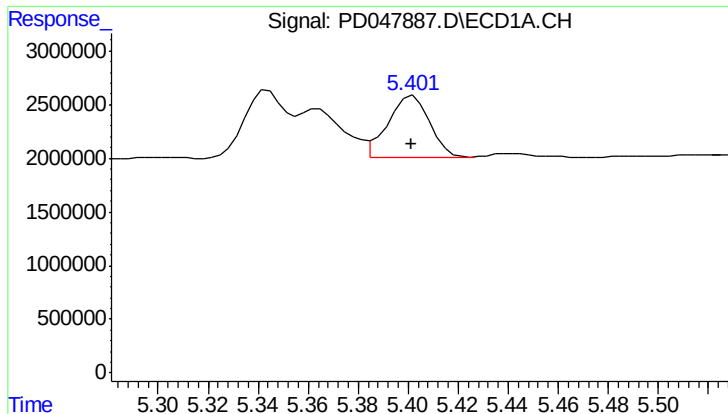
#25 Chlordane-3

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 7409999
Conc: 41.25 ng/ml



#25 Chlordane-3

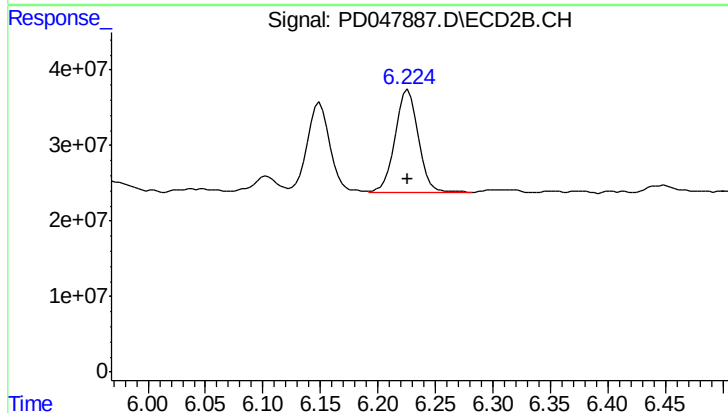
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 160450741
Conc: 50.14 ng/ml



#26 Chlordane-4

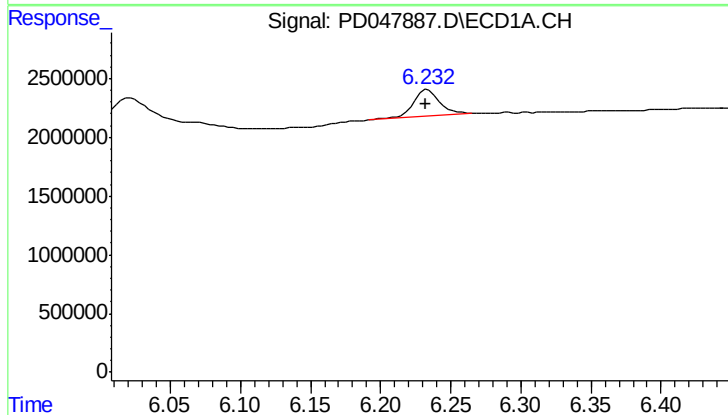
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 6661001
Conc: 41.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



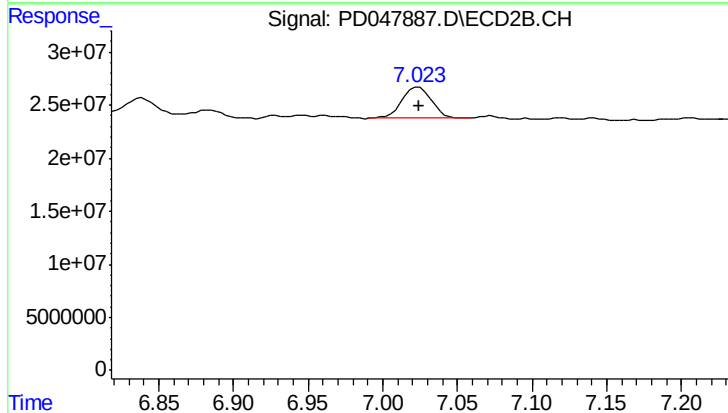
#26 Chlordane-4

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 190671317
Conc: 51.80 ng/ml



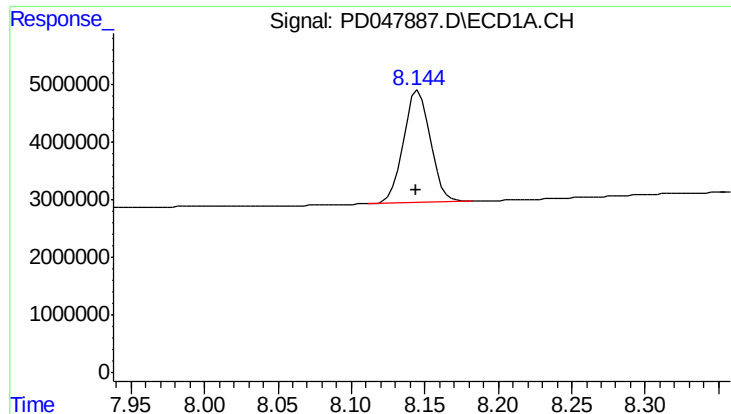
#27 Chlordane-5

R.T.: 6.234 min
Delta R.T.: 0.002 min
Response: 3019140
Conc: 50.88 ng/ml



#27 Chlordane-5

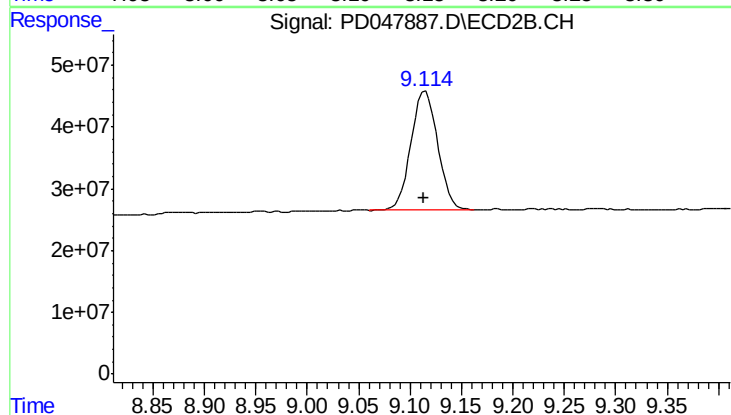
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 40859915
Conc: 48.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 24627081
Conc: 17.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 04



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 348645795
Conc: 20.46 ng/ml