Quantitation Report (Not Reviewed)

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047884.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 May 2018 22:15
Operator : UA/AJ
Sample : LOQ CHLOR SOIL 01
Misc : Precision Bias Study 01 (50 PPB)
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 05:01:08 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 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...	3.424	4.039	19897160	323.3E6	17.328	17.980	
28)	SA	Decachlor...	8.145	9.114	24434339	338.5E6	17.298	19.866	
		Target Compounds							
2)	A	alpha-BHC	0.000	4.440	0	17065402	N.D.	0.597	#
4)	MA	Heptachlor	4.434	5.227	3495248	70648413	2.082	2.810	#
5)	MB	Aldrin	0.000	5.505	0	46947599	N.D.	1.962	#
6)	B	beta-BHC	4.434f	0.000	3495248	0	4.868	N.D.	#
7)	B	delta-BHC	0.000	5.077	0	14816156	N.D.	0.571	#
8)	B	Heptachlo...	5.168f	5.897	2539168	23006164	1.669	1.036	#
9)	A	Endosulfan I	5.401f	6.225f	6470407	180.8E6	4.582	8.937	#
10)	B	gamma-Chl...	5.343	6.148	7652182	155.4E6	4.991	6.783	#
11)	B	alpha-Chl...	5.401	6.225	6470407	180.8E6	4.318	8.222	#
14)	MA	Endrin	0.000	6.763	0	4088753	N.D.	0.221	#
15)	B	Endosulfa...	6.234	0.000	2941272	0	2.069	N.D.	#
16)	A	4,4'-DDD	0.000	6.838	0	14901129	N.D.	0.842	#
18)	B	Endrin al...	0.000	7.024f	0	38604007	N.D.	2.375	#
23)		Chlordane-1	4.285	5.038	2562236	48298644	44.358	47.443	
24)		Chlordane-2	4.782	5.505	2530485	46947599	42.977	49.720	
25)		Chlordane-3	5.343	6.148	7652182	155.4E6	42.593	48.569	
26)		Chlordane-4	5.401	6.225	6470407	180.8E6	40.670	49.132	
27)		Chlordane-5	6.234	7.024	2941272	38604007	49.571	46.261	

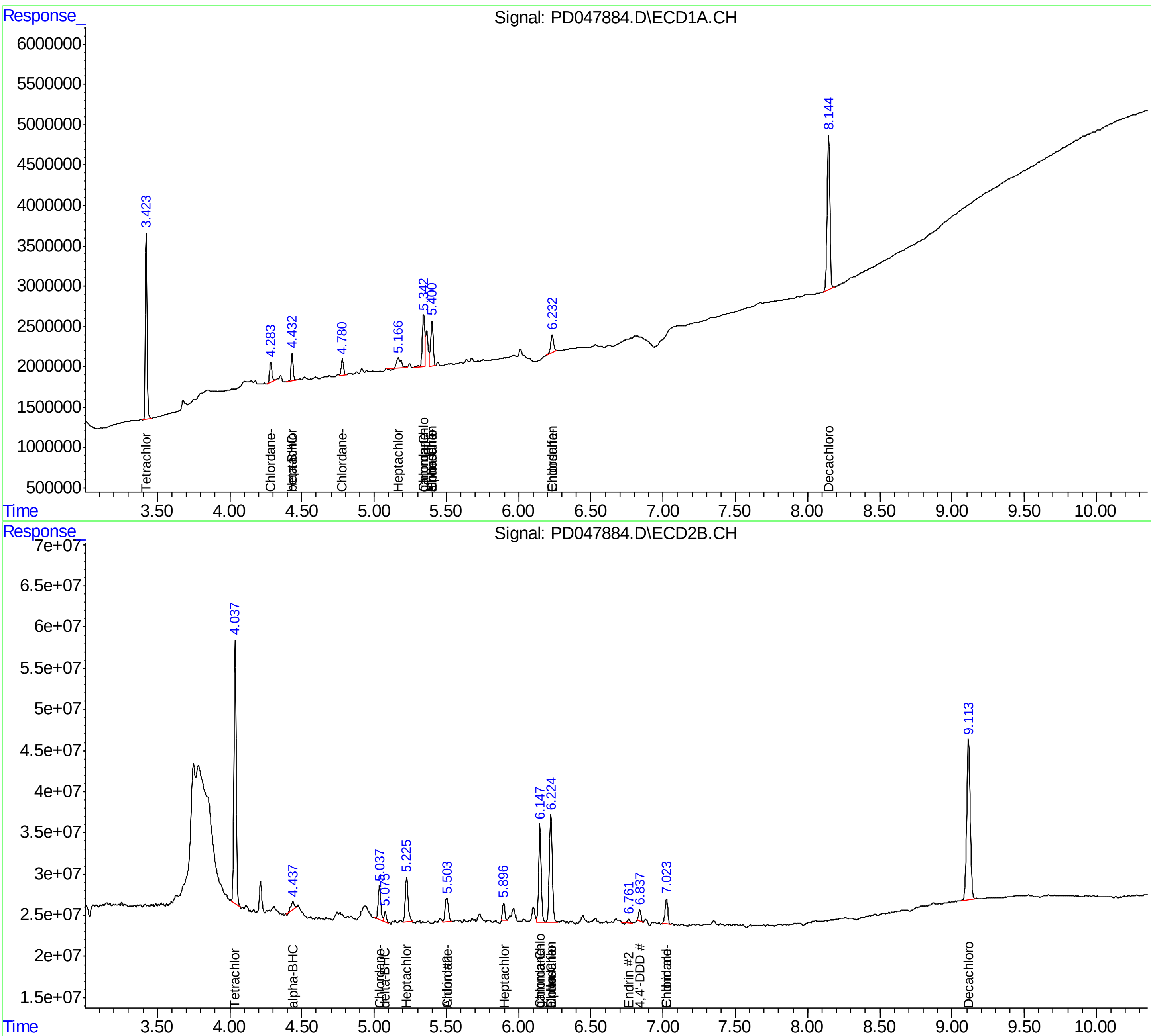
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

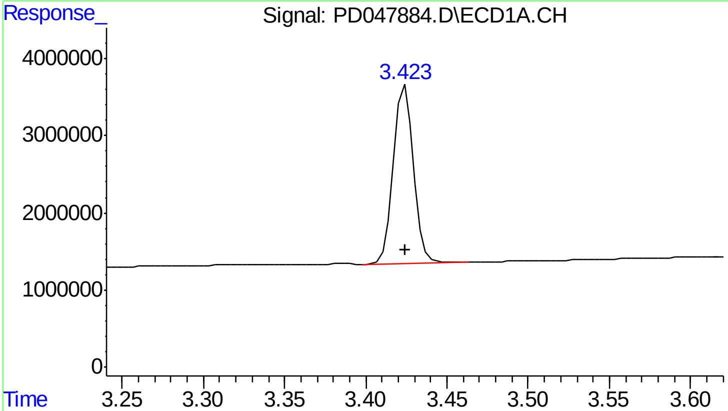
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047884.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 24 May 2018 22:15
Operator : UA/AJ
Sample : LOQ CHLOR SOIL 01
Misc : Precision Bias Study 01 (50 PPB)
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 05:01:08 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

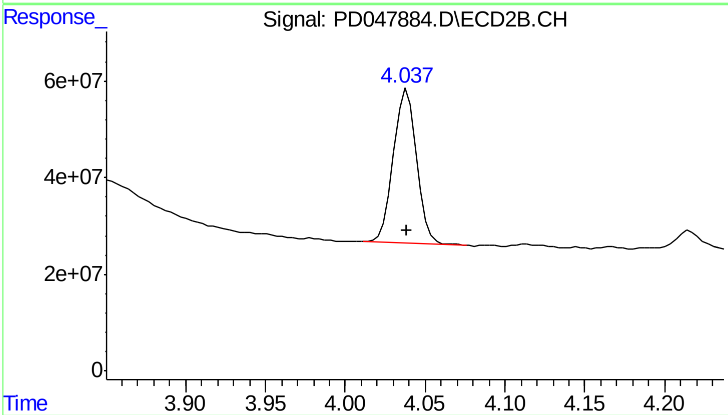




#1 Tetrachloro-m-xylene

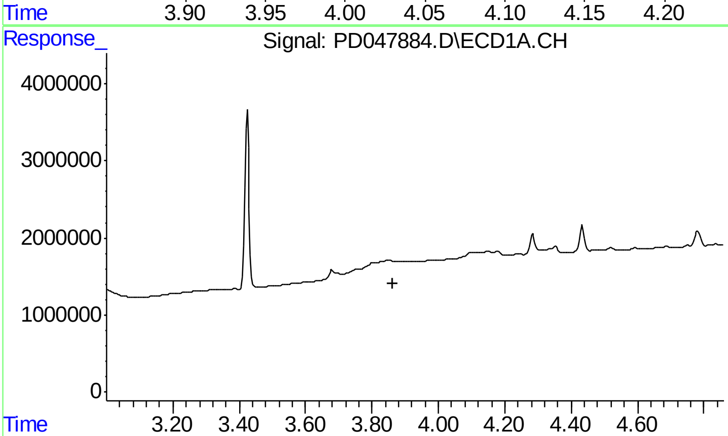
R.T.:	3.424 min
Delta R.T.:	0.000 min
Response:	19897160
Conc:	17.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



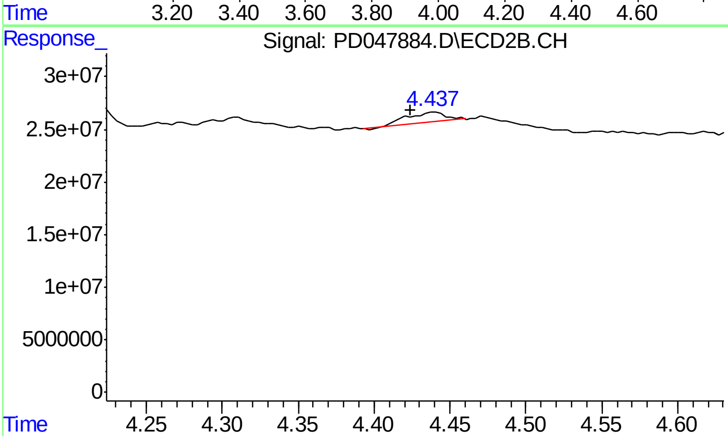
#1 Tetrachloro-m-xylene

R.T.:	4.039 min
Delta R.T.:	0.000 min
Response:	323300489
Conc:	17.98 ng/ml



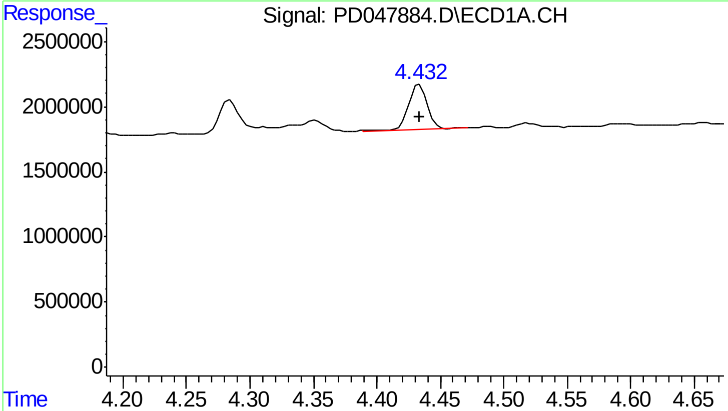
#2 alpha-BHC

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



#2 alpha-BHC

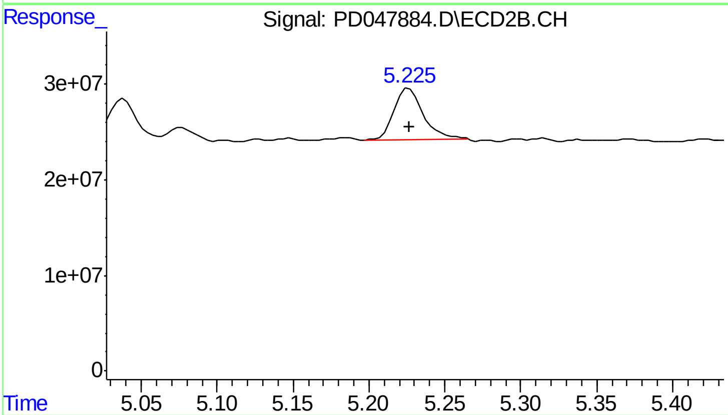
R.T.:	4.440 min
Delta R.T.:	0.016 min
Response:	17065402
Conc:	0.60 ng/ml



#4 Heptachlor

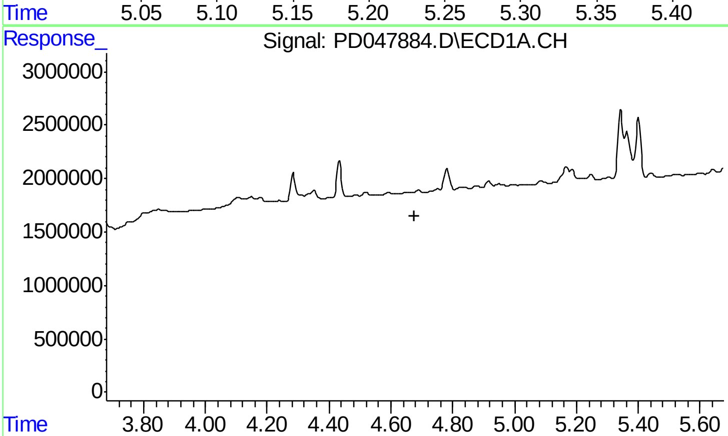
R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 3495248
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



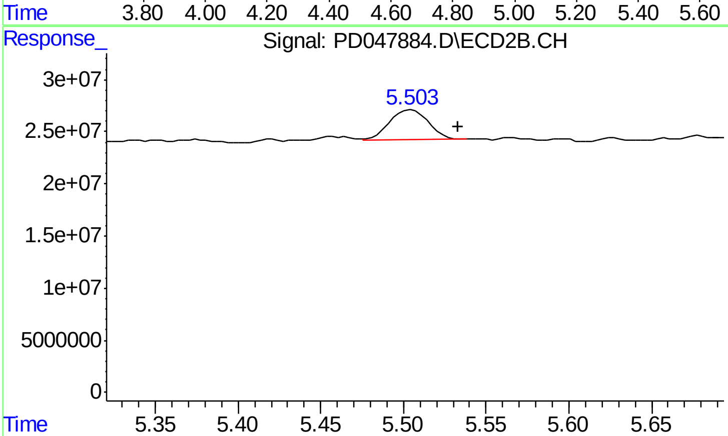
#4 Heptachlor

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 70648413
Conc: 2.81 ng/ml



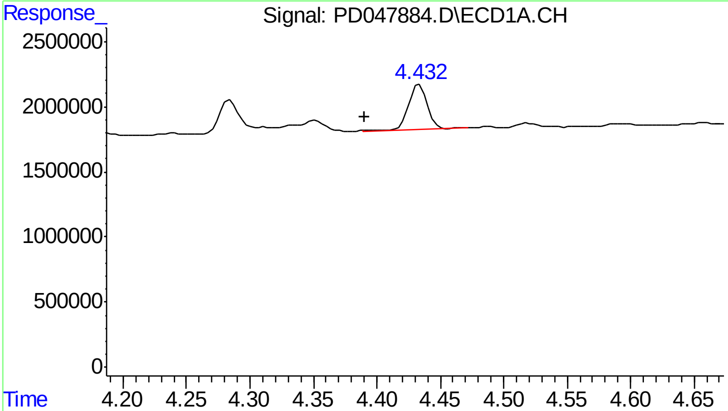
#5 Aldrin

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



#5 Aldrin

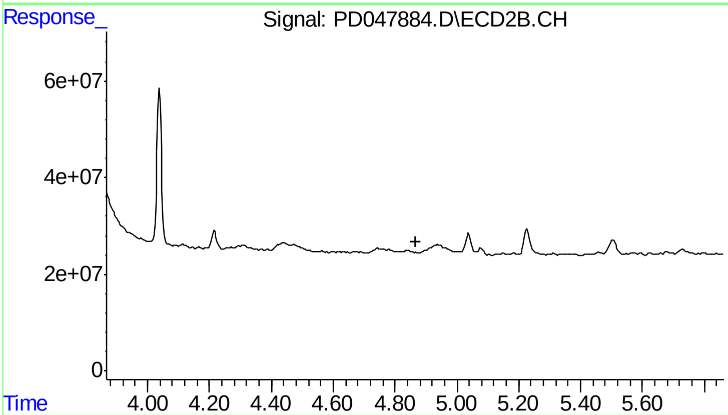
R.T.: 5.505 min
Delta R.T.: -0.029 min
Response: 46947599
Conc: 1.96 ng/ml



#6 beta-BHC

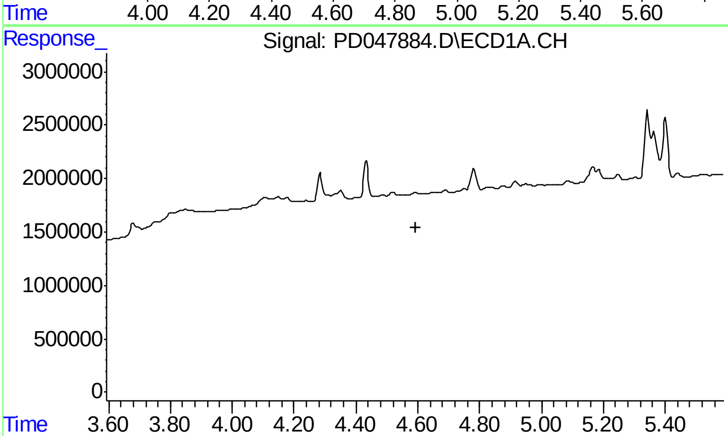
R.T.: 4.434 min
Delta R.T.: 0.043 min
Response: 3495248
Conc: 4.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



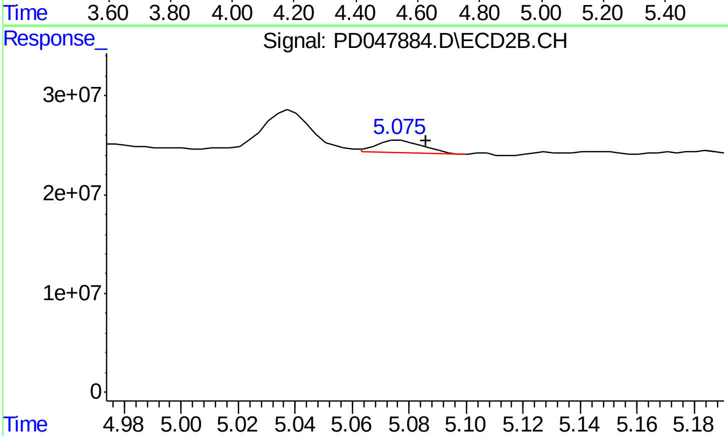
#6 beta-BHC

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



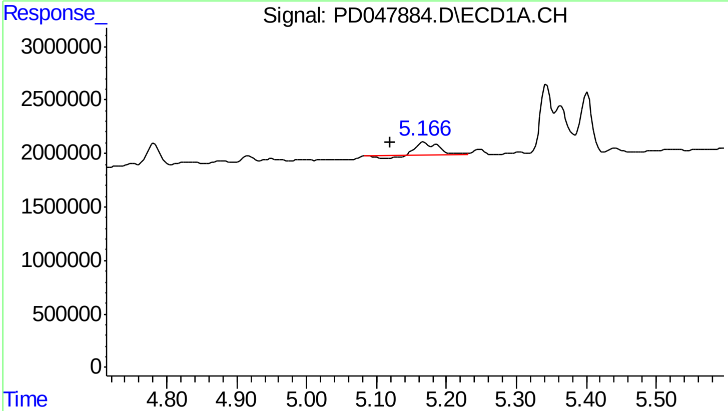
#7 delta-BHC

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



#7 delta-BHC

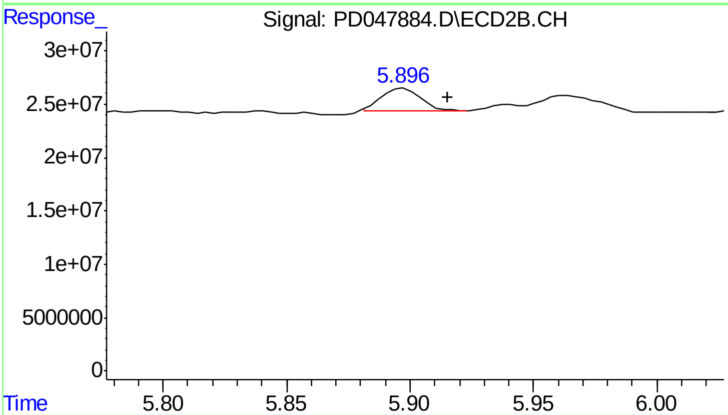
R.T.: 5.077 min
Delta R.T.: -0.009 min
Response: 14816156
Conc: 0.57 ng/ml



#8 Heptachlor epoxide

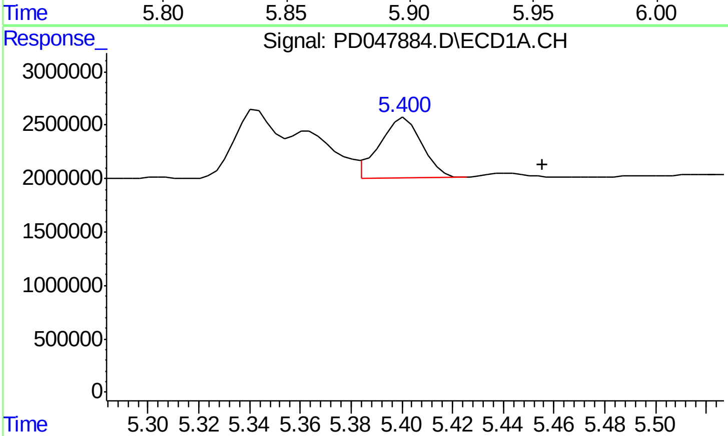
R.T.: 5.168 min
Delta R.T.: 0.048 min
Response: 2539168
Conc: 1.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



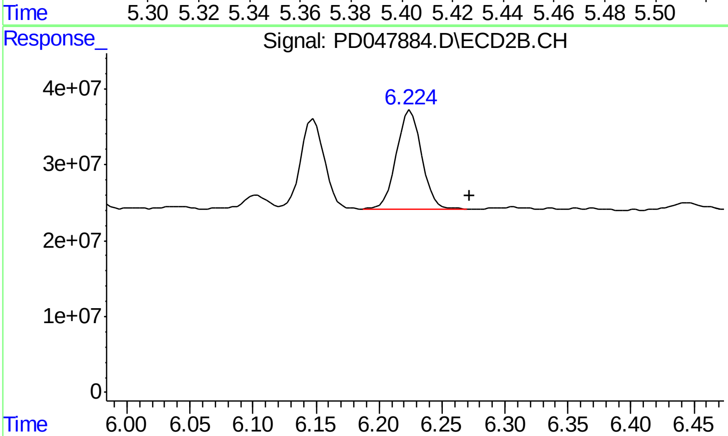
#8 Heptachlor epoxide

R.T.: 5.897 min
Delta R.T.: -0.018 min
Response: 23006164
Conc: 1.04 ng/ml



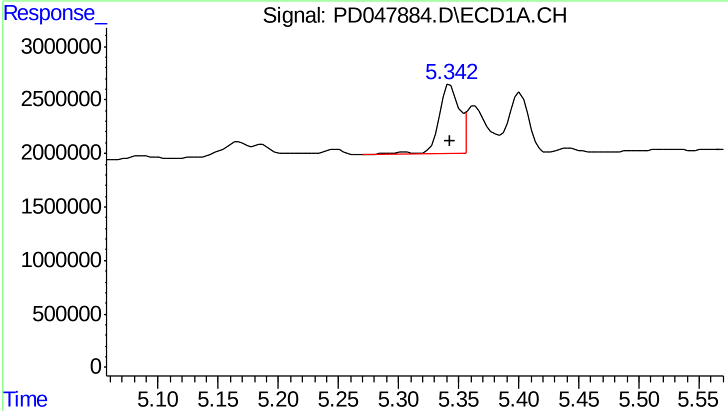
#9 Endosulfan I

R.T.: 5.401 min
Delta R.T.: -0.054 min
Response: 6470407
Conc: 4.58 ng/ml



#9 Endosulfan I

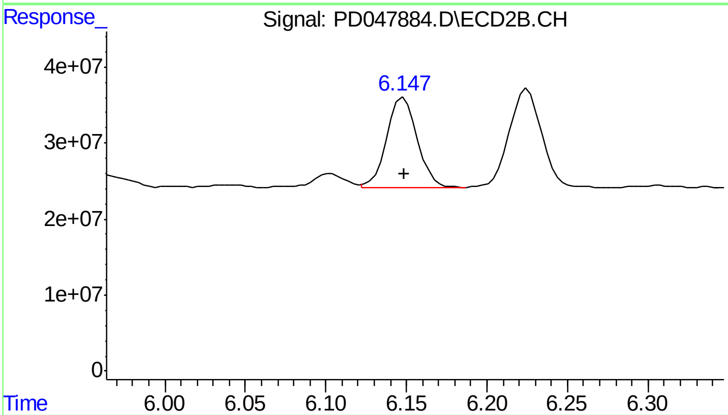
R.T.: 6.225 min
Delta R.T.: -0.047 min
Response: 180837014
Conc: 8.94 ng/ml



#10 gamma-Chlordane

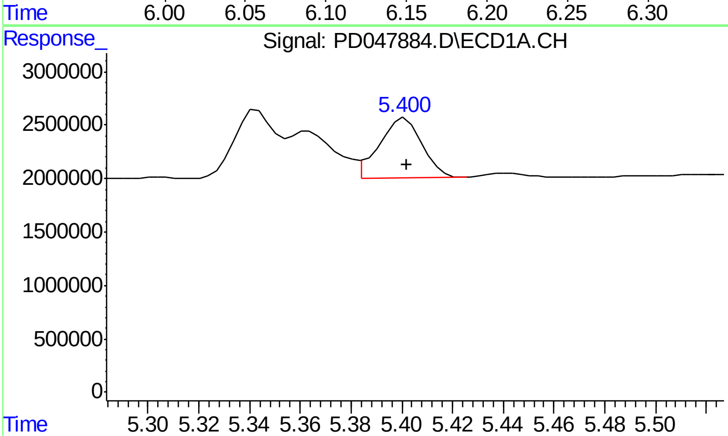
```
      R.T.:    5.343 min
Delta R.T.:    0.000 min
  Response:   7652182
     Conc.:   4.99 ng/ml
```

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



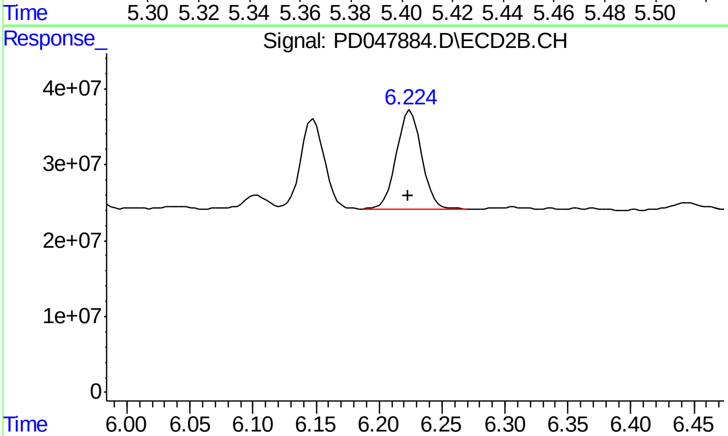
#10 gamma-Chlordane

```
      R.T.:    6.148 min
Delta R.T.:    0.000 min
  Response: 155438333
     Conc.:   6.78 ng/ml
```



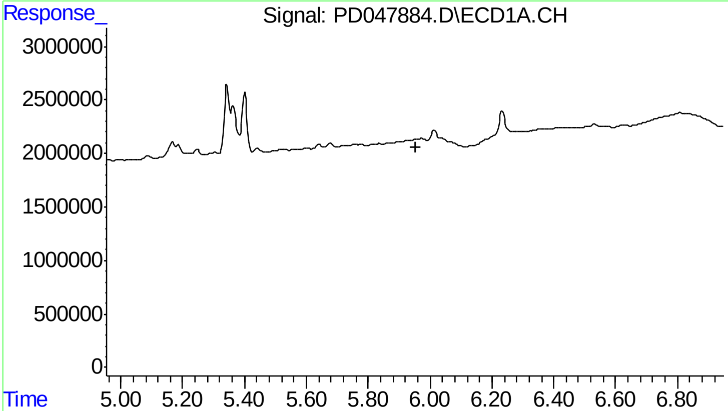
#11 alpha-Chlordane

```
      R.T.:    5.401 min
Delta R.T.:    0.000 min
  Response:   6470407
     Conc.:   4.32 ng/ml
```



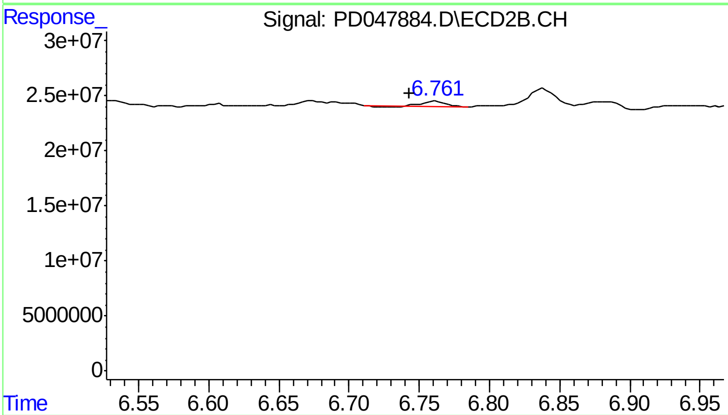
#11 alpha-Chlordane

```
      R.T.:    6.225 min
Delta R.T.:    0.002 min
  Response: 180837014
     Conc.:   8.22 ng/ml
```

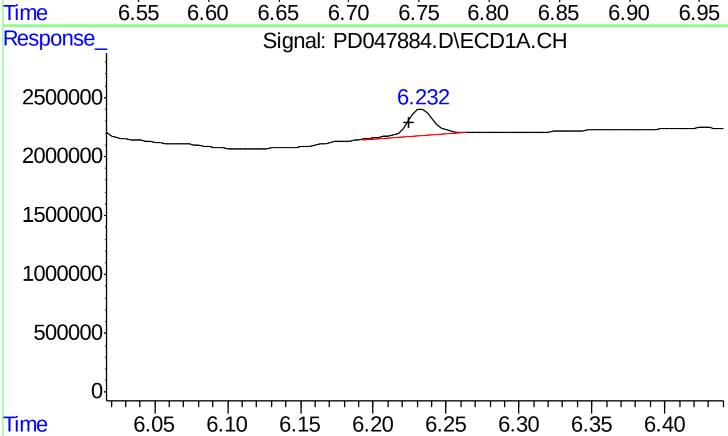



```
#14  Endrin

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

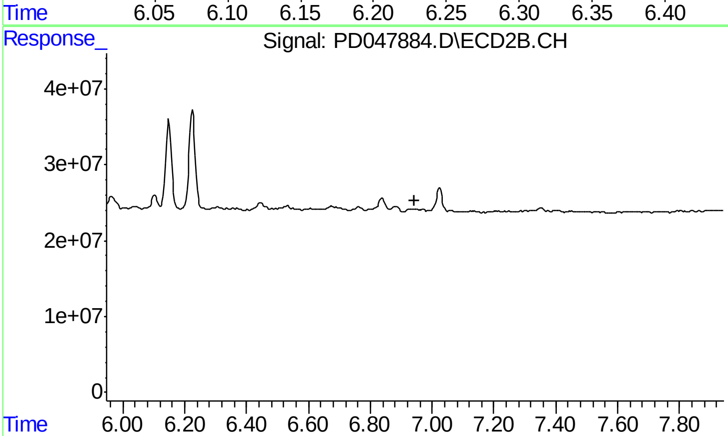
Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



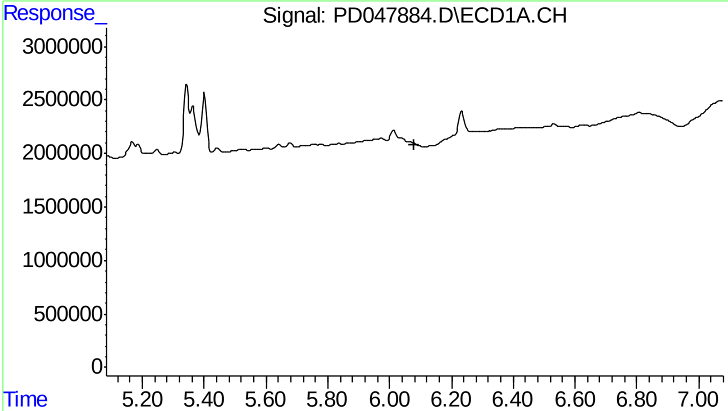

```
#14  Endrin

      R.T.:    6.763 min
Delta R.T.:    0.019 min
  Response:   4088753
      Conc:   0.22 ng/ml
```




```
#15  Endosulfan II

      R.T.:    6.234 min
Delta R.T.:    0.009 min
  Response:   2941272
      Conc:   2.07 ng/ml
```

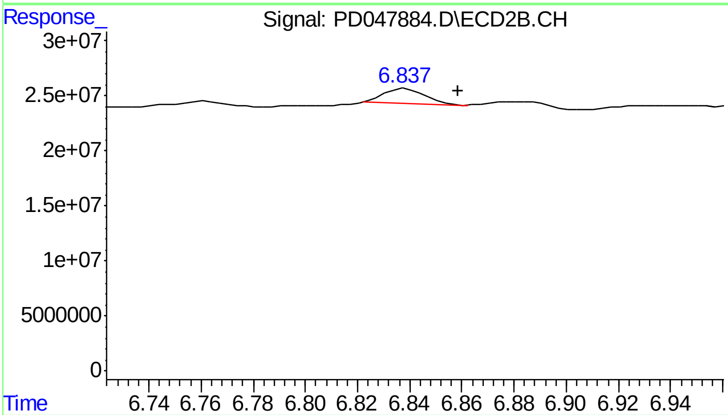



```
#15  Endosulfan II

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

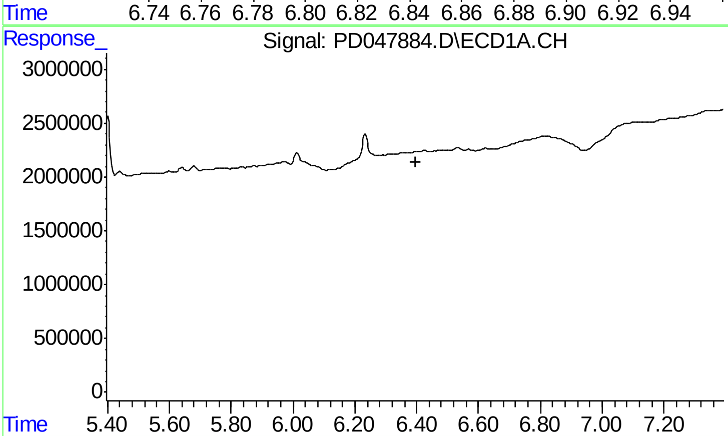



```
#16  4,4'-DDD

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

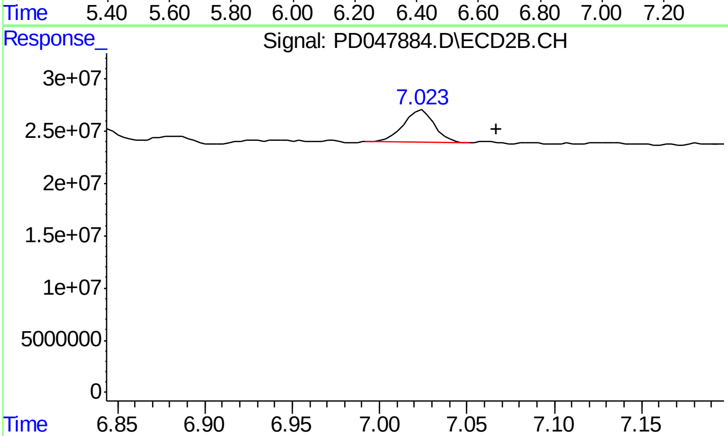
Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



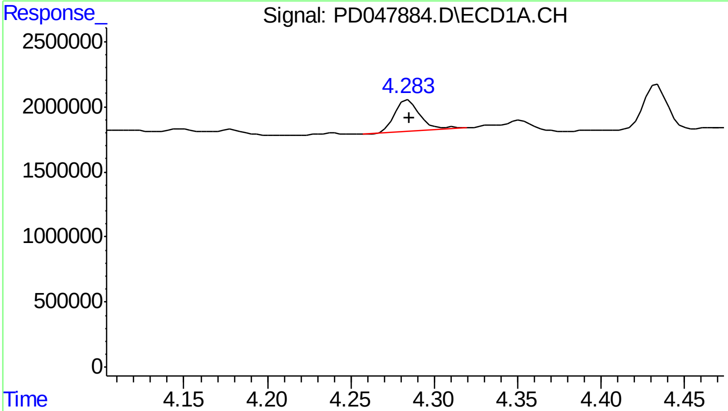

```
#16  4,4'-DDD

      R.T.:     6.838 min
Delta R.T.:    -0.020 min
  Response:   14901129
      Conc:    0.84 ng/ml
```




```
#18  Endrin aldehyde

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

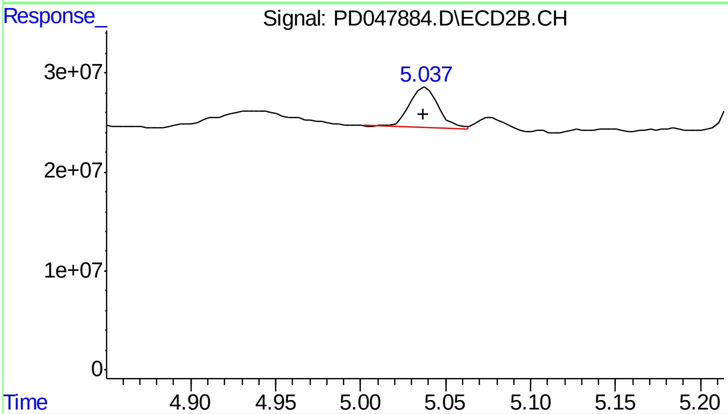



```
#18  Endrin aldehyde

      R.T.:     7.024 min
Delta R.T.:    -0.042 min
  Response:   38604007
      Conc:    2.37 ng/ml
```

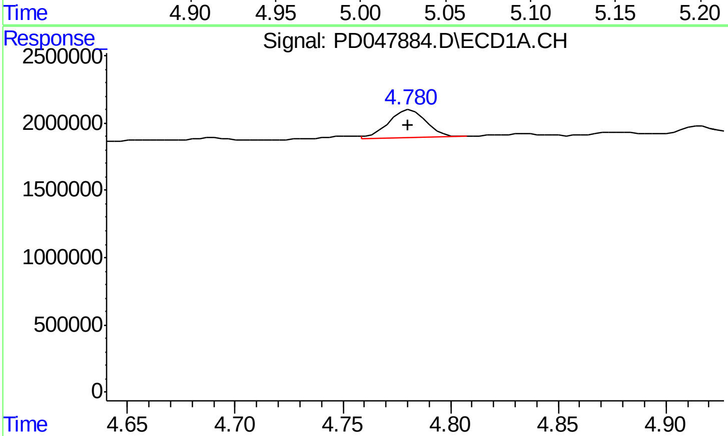



```
#23  Chlordane-1

      R.T.:     4.285 min
Delta R.T.:     0.000 min
  Response:    2562236
      Conc:   44.36 ng/ml
```

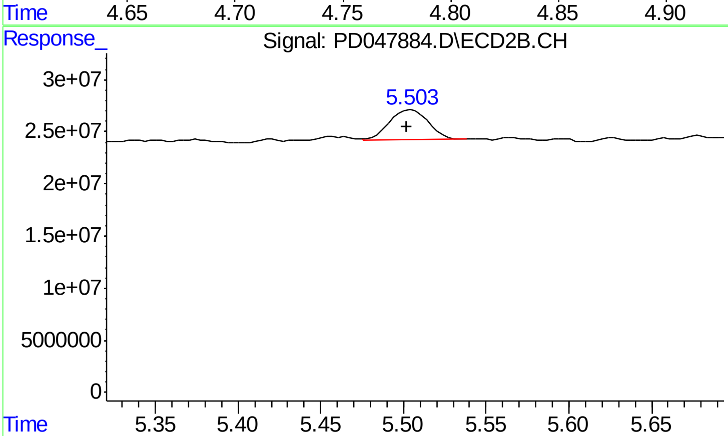
Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



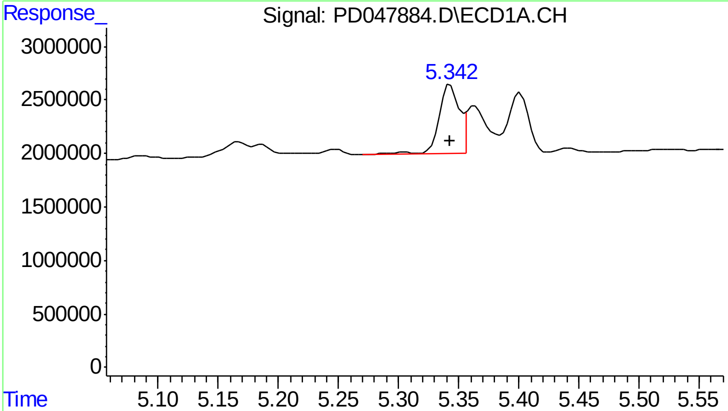

```
#23  Chlordane-1

      R.T.:     5.038 min
Delta R.T.:     0.002 min
  Response:   48298644
      Conc:   47.44 ng/ml
```




```
#24  Chlordane-2

      R.T.:     4.782 min
Delta R.T.:     0.001 min
  Response:    2530485
      Conc:   42.98 ng/ml
```



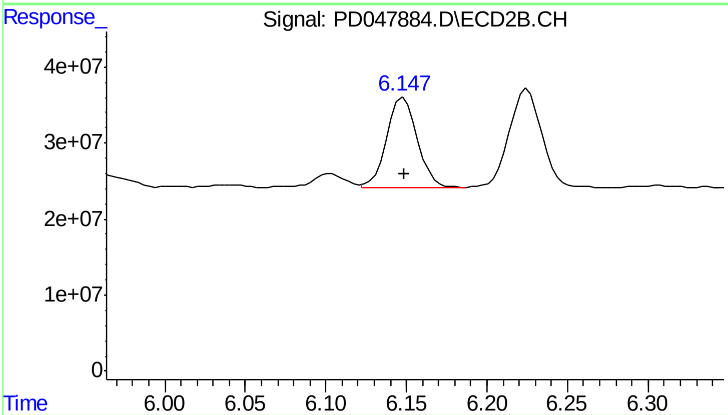

```
#24  Chlordane-2

      R.T.:     5.505 min
Delta R.T.:     0.002 min
  Response:   46947599
      Conc:   49.72 ng/ml
```



#25 Chlordane-3

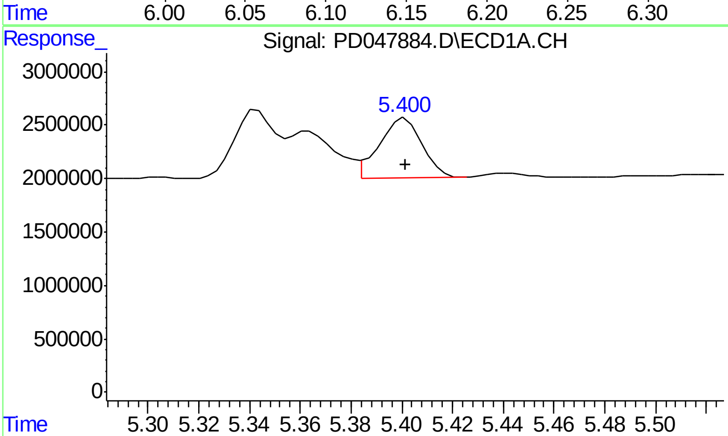
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 7652182
Conc: 42.59 ng/ml

Instrument : ECD_O
ClientSampleId : LOQ CHLOR SOIL 01



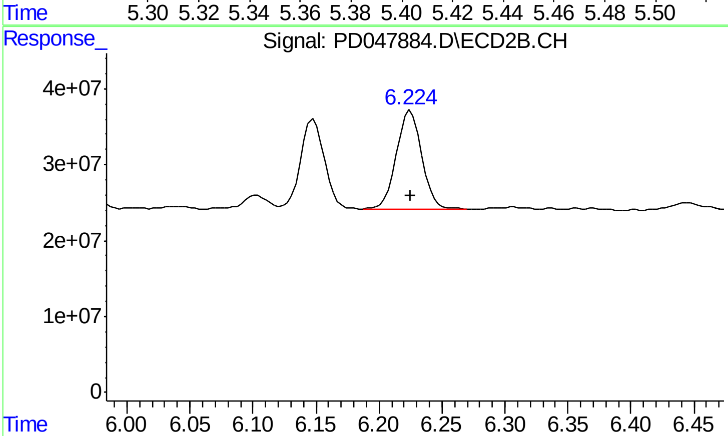
#25 Chlordane-3

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 155438333
Conc: 48.57 ng/ml



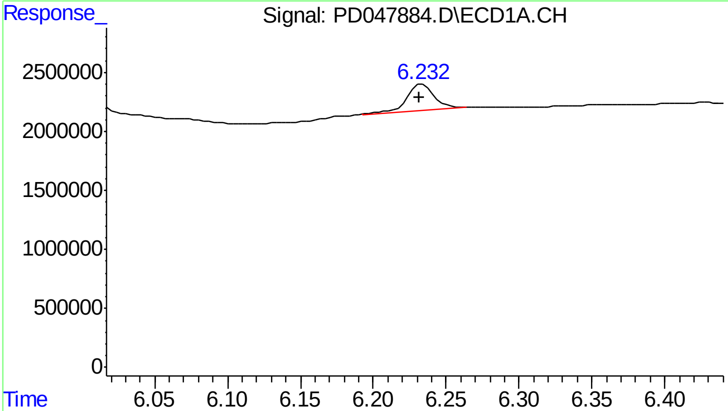
#26 Chlordane-4

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 6470407
Conc: 40.67 ng/ml



#26 Chlordane-4

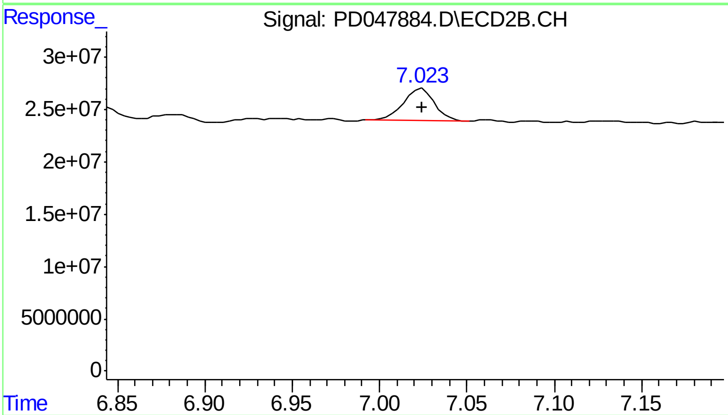
R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 180837014
Conc: 49.13 ng/ml



#27 Chlordane-5

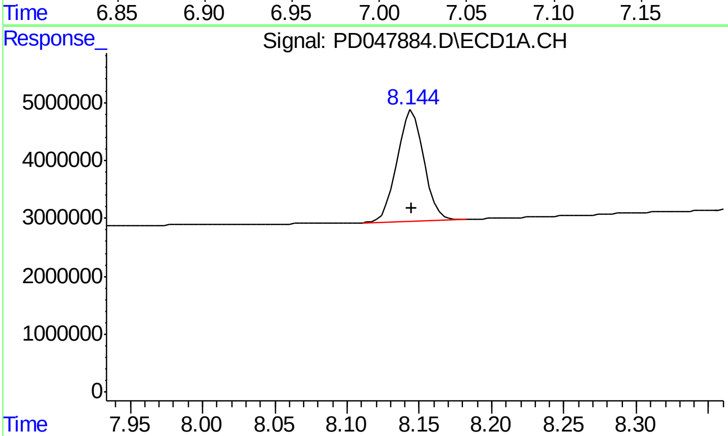
```
      R.T.:    6.234 min
Delta R.T.:    0.002 min
  Response:   2941272
      Conc:   49.57 ng/ml
```

Instrument :
ECD_O
ClientSampleId :
LOQ CHLOR SOIL 01



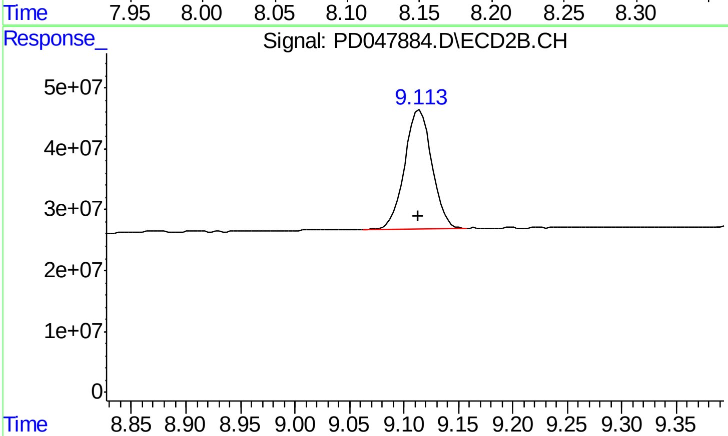
#27 Chlordane-5

```
      R.T.:    7.024 min
Delta R.T.:    0.000 min
  Response:   38604007
      Conc:   46.26 ng/ml
```



#28 Decachlorobiphenyl

```
      R.T.:    8.145 min
Delta R.T.:    0.000 min
  Response:   24434339
      Conc:   17.30 ng/ml
```



#28 Decachlorobiphenyl

```
      R.T.:    9.114 min
Delta R.T.:    0.000 min
  Response: 338481633
      Conc:   19.87 ng/ml
```