

Data Path : P:\HPCHEM1\ECD_D\Data\PD040718\
 Data File : PD046847.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Apr 2018 9:58
 Operator : UA/AJ
 Sample : LOQ CHLOR
 Misc : ECD_D LOQ CHLOR SOIL 200 PPB
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ CHLOR

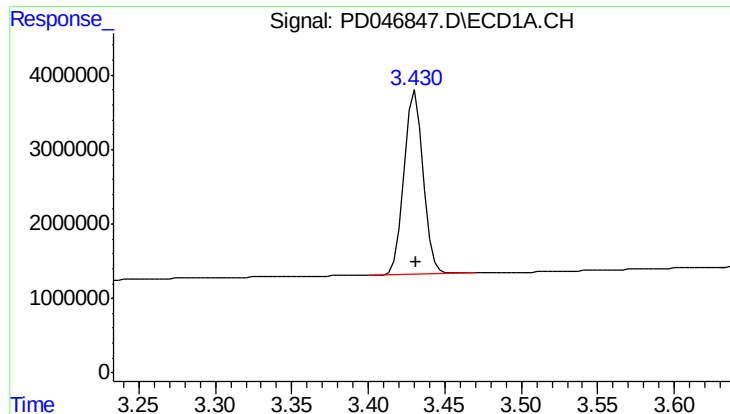
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 00:59:22 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD040718.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 07 04:44:10 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale 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...	3.431	4.042	21574809	359.0E6	17.096	16.803
28)	SA Decachlor...	8.155	9.121	22988602	322.8E6	17.088	17.940
Target Compounds							
2)	A alpha-BHC	3.808f	4.442	591460	21195756	0.288	0.637 #
4)	MA Heptachlor	4.441	5.231	14255370	291.6E6	7.894	9.931 #
5)	MB Aldrin	0.000	5.560	0	3350627	N.D.	0.120 #
6)	B beta-BHC	4.441f	4.915f	14255370	18494307	17.812	1.380 #
7)	B delta-BHC	4.599	5.081	1283180	14880937	0.668	0.486 #
8)	B Heptachlo...	0.000	5.901	0	85775649	N.D.	3.339 #
9)	A Endosulfan I	5.448	6.230f	2147585	720.8E6	1.411	31.553 #
10)	B gamma-Chl...	5.352	6.153	57224102	628.3E6	34.392	24.331 #
11)	B alpha-Chl...	5.409	6.230	29175892	720.8E6	18.014	29.034 #
12)	B 4,4'-DDE	0.000	6.449f	0	56432686	N.D.	2.294 #
13)	MA Dieldrin	5.687	6.536	1169084	26045864	0.672	1.053 #
14)	MA Endrin	0.000	6.770	0	151187	N.D.	0.008 #
15)	B Endosulfa...	6.242	6.940	10520852	10429630	6.871	0.492 #
16)	A 4,4'-DDD	0.000	6.844	0	98657899	N.D.	4.941 #
18)	B Endrin al...	0.000	7.074	0	10114739	N.D.	0.570 #
19)	B Endosulfa...	0.000	7.306	0	7260316	N.D.	0.360 #
20)	A Methoxychlor	6.822f	0.000	4782623	0	6.498	N.D. #
23)	Chlordane-1	4.292	5.042	10825349	209.9E6	175.849	180.966
24)	Chlordane-2	4.789	5.508	12037460	202.4E6	195.110	183.618
25)	Chlordane-3	5.352	6.153	57224102	628.3E6	304.391	178.691 #
26)	Chlordane-4	5.409	6.230	29175892	720.8E6	175.998	179.077
27)	Chlordane-5	6.242	7.029	10520852	154.1E6	172.480	180.460

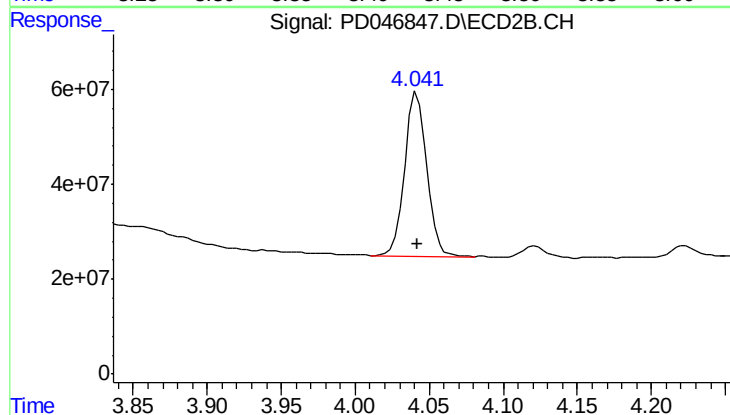
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

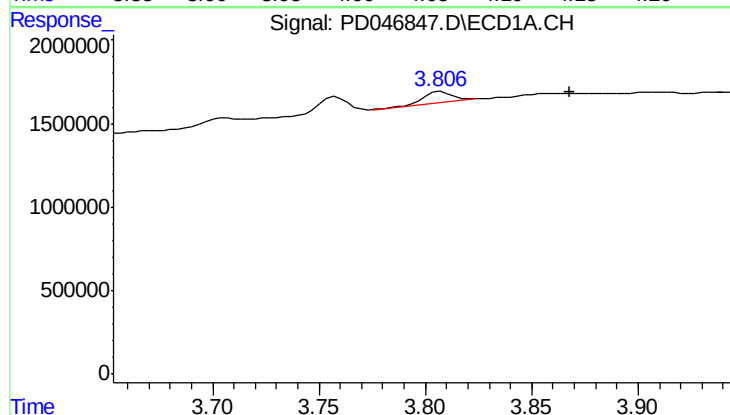
R.T.: 3.431 min
Delta R.T.: 0.000 min
Response: 21574809
Conc: 17.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



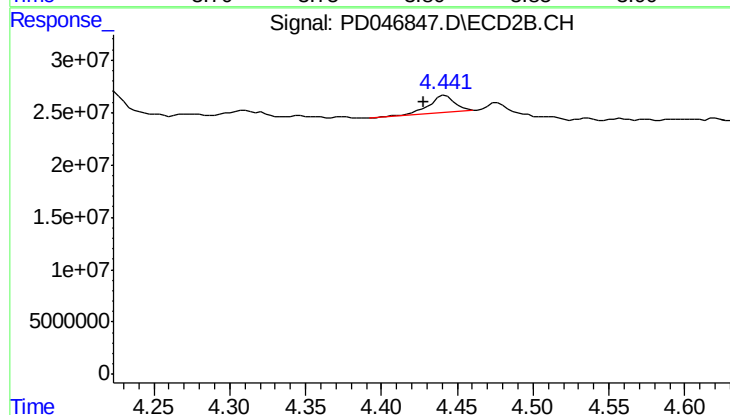
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 359030007
Conc: 16.80 ng/ml



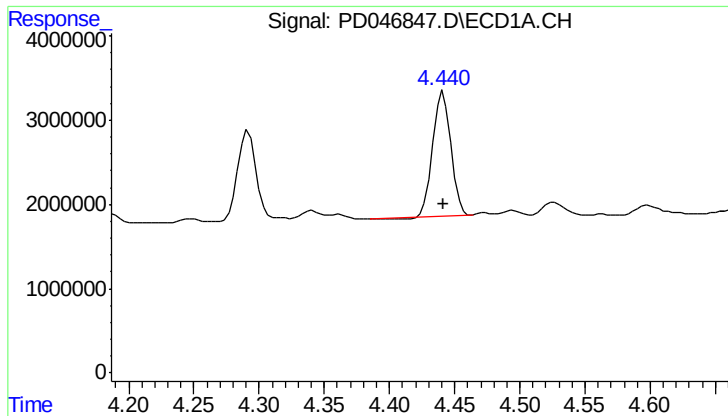
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: -0.060 min
Response: 591460
Conc: 0.29 ng/ml



#2 alpha-BHC

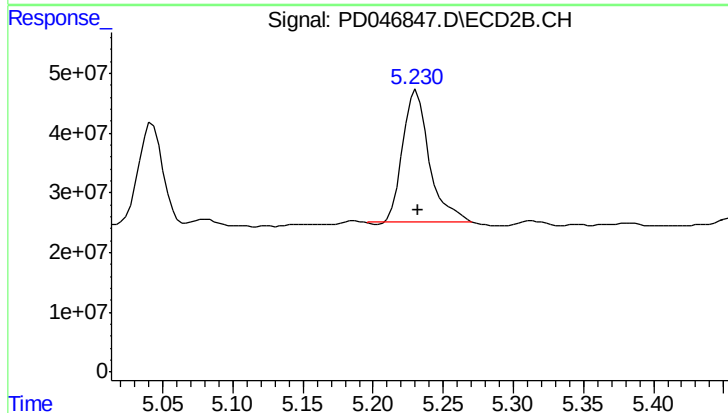
R.T.: 4.442 min
Delta R.T.: 0.014 min
Response: 21195756
Conc: 0.64 ng/ml



#4 Heptachlor

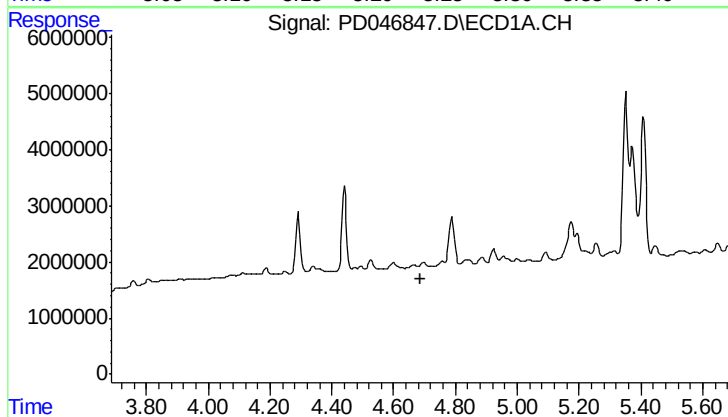
R.T.: 4.441 min
Delta R.T.: 0.000 min
Response: 14255370
Conc: 7.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



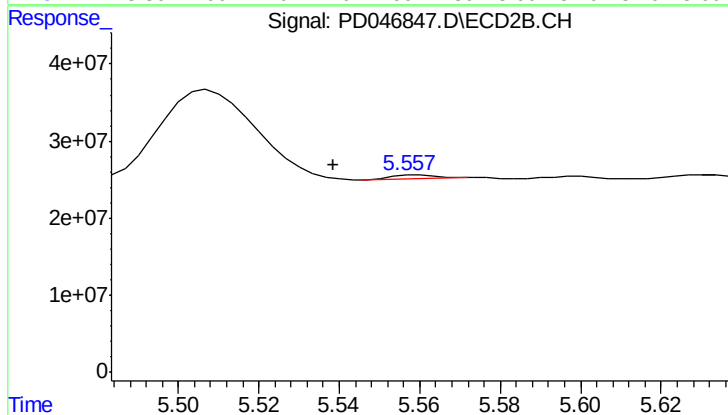
#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 291647932
Conc: 9.93 ng/ml



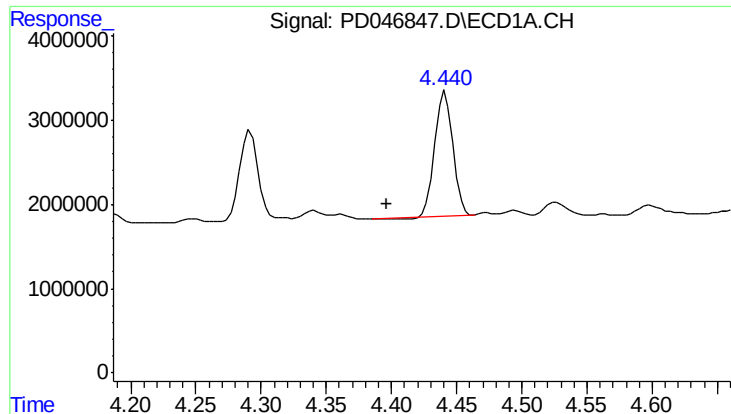
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 4.686 min
Response: 0
Conc: N.D.



#5 Aldrin

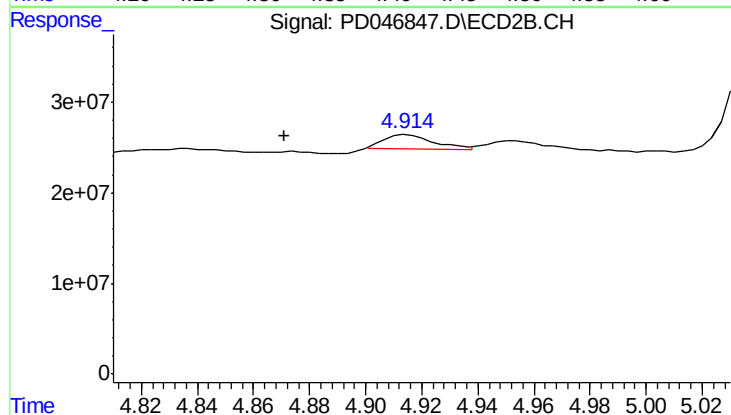
R.T.: 5.560 min
Delta R.T.: 0.021 min
Response: 3350627
Conc: 0.12 ng/ml



#6 beta-BHC

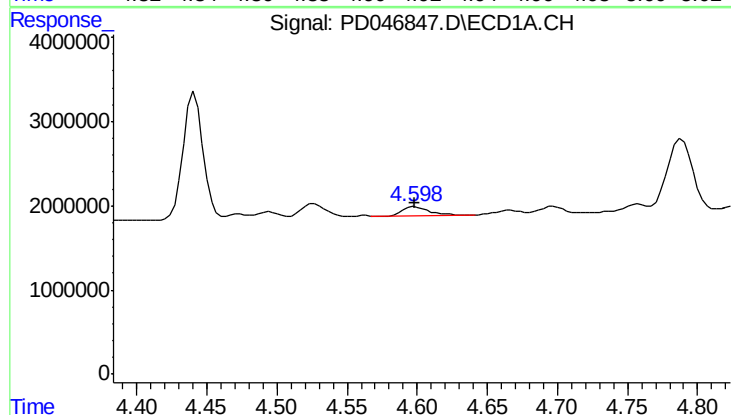
R.T.: 4.441 min
Delta R.T.: 0.045 min
Response: 14255370
Conc: 17.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



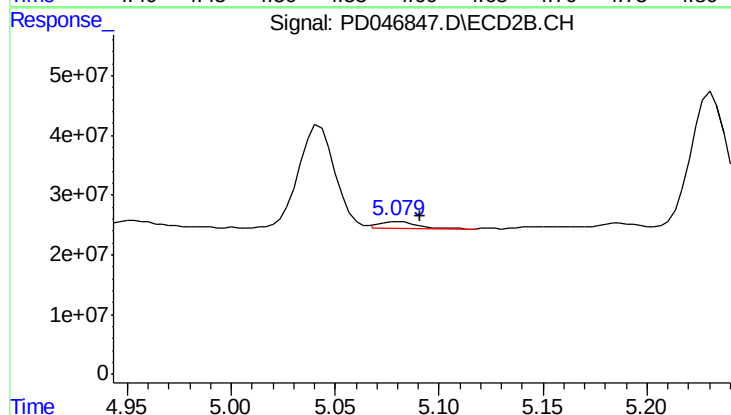
#6 beta-BHC

R.T.: 4.915 min
Delta R.T.: 0.044 min
Response: 18494307
Conc: 1.38 ng/ml



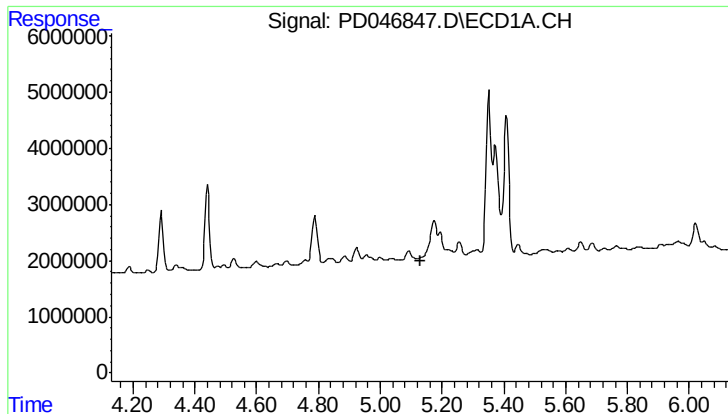
#7 delta-BHC

R.T.: 4.599 min
Delta R.T.: 0.001 min
Response: 1283180
Conc: 0.67 ng/ml



#7 delta-BHC

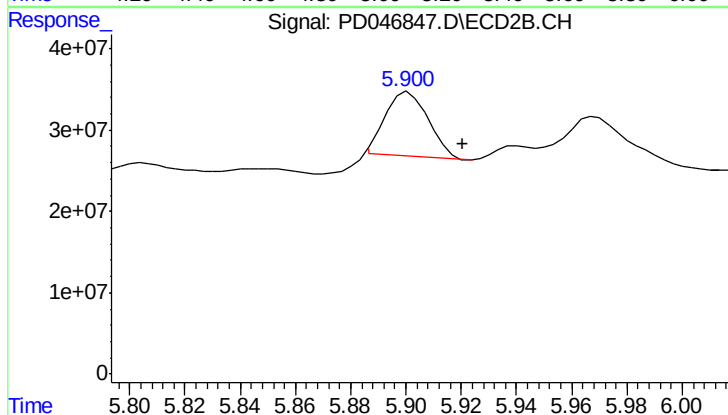
R.T.: 5.081 min
Delta R.T.: -0.010 min
Response: 14880937
Conc: 0.49 ng/ml



#8 Heptachlor epoxide

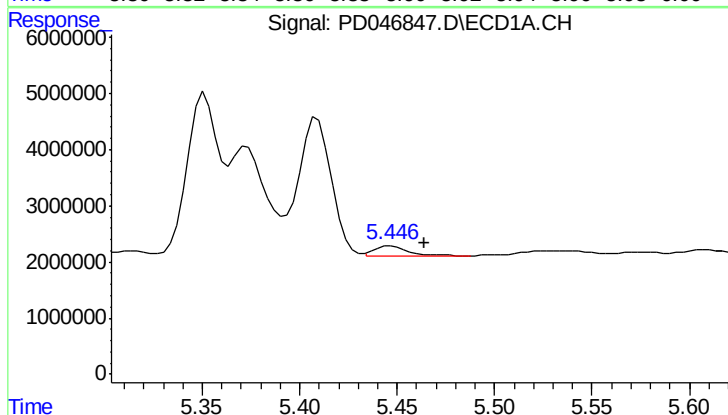
R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



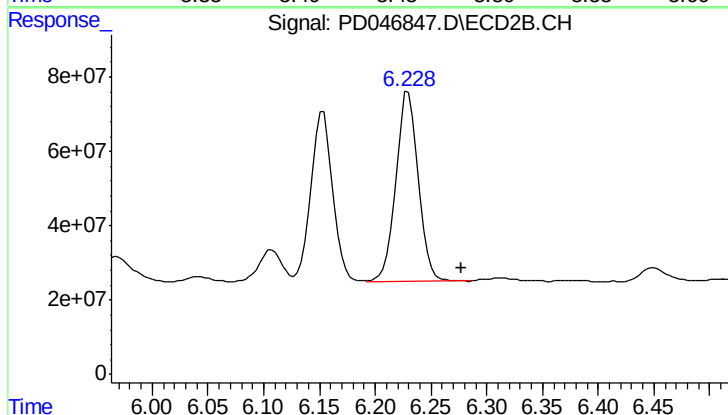
#8 Heptachlor epoxide

R.T.: 5.901 min
Delta R.T.: -0.019 min
Response: 85775649
Conc: 3.34 ng/ml



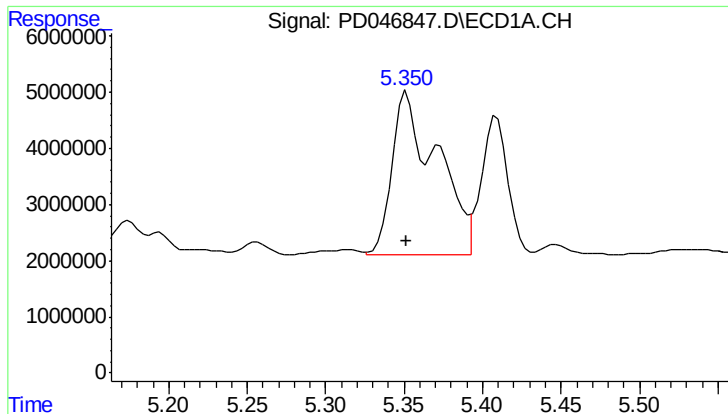
#9 Endosulfan I

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 2147585
Conc: 1.41 ng/ml



#9 Endosulfan I

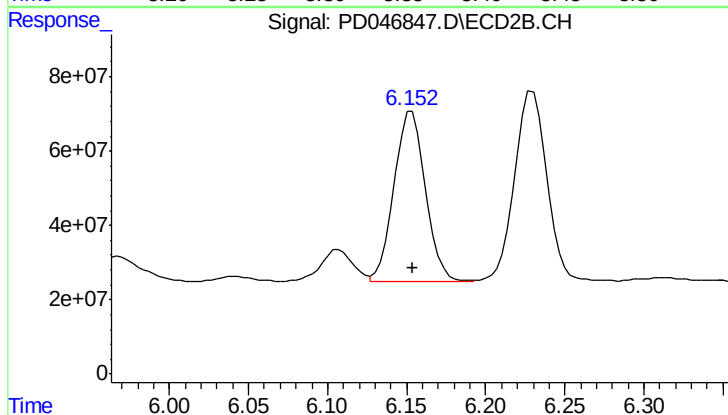
R.T.: 6.230 min
Delta R.T.: -0.047 min
Response: 720754806
Conc: 31.55 ng/ml



#10 gamma-Chlordane

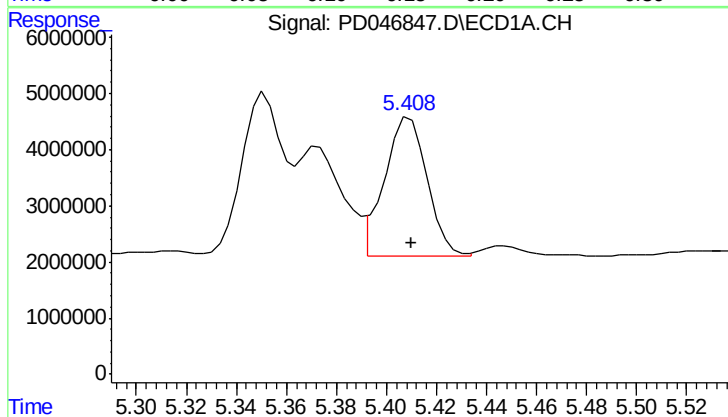
R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 57224102
Conc: 34.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



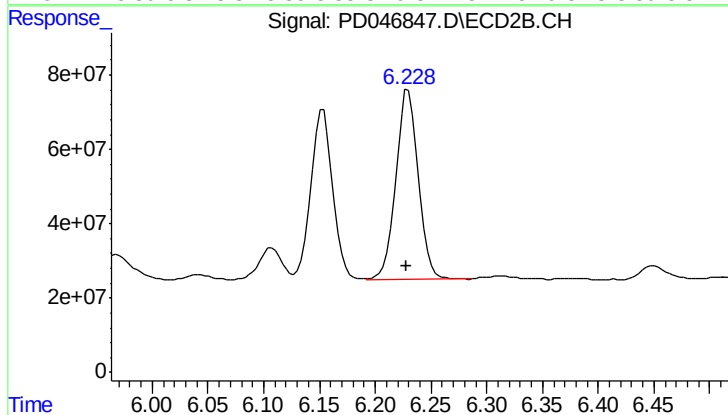
#10 gamma-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 628328115
Conc: 24.33 ng/ml



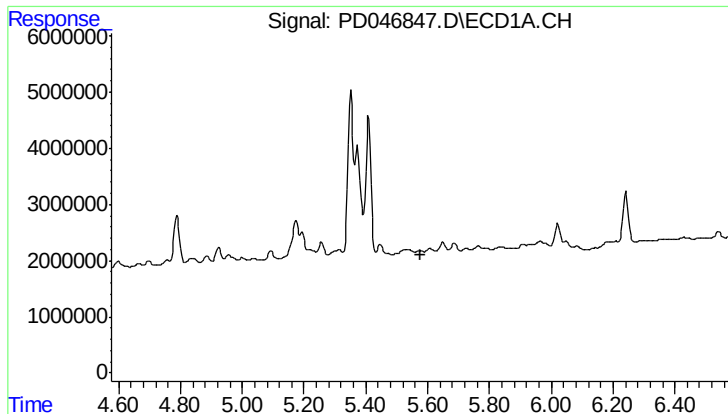
#11 alpha-Chlordane

R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 29175892
Conc: 18.01 ng/ml



#11 alpha-Chlordane

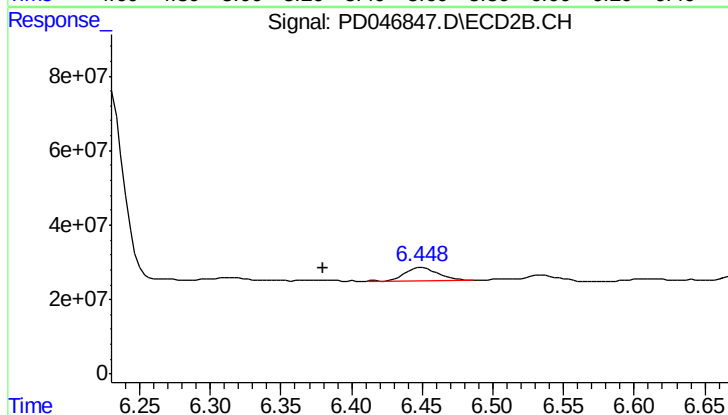
R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 720754806
Conc: 29.03 ng/ml



#12 4,4'-DDE

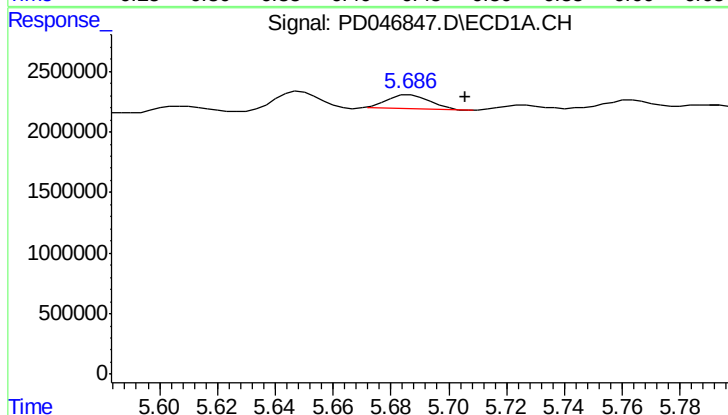
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



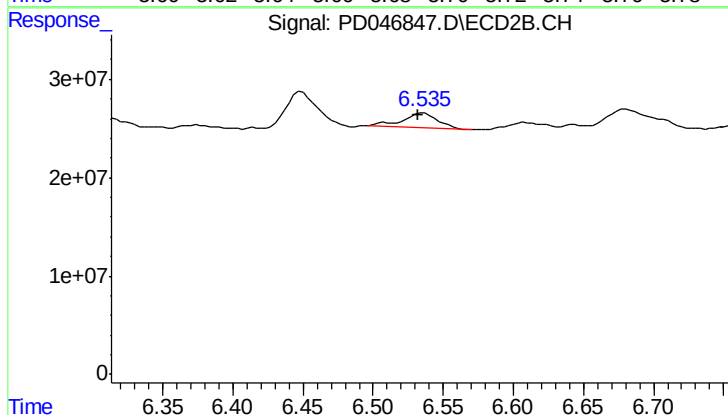
#12 4,4'-DDE

R.T.: 6.449 min
Delta R.T.: 0.069 min
Response: 56432686
Conc: 2.29 ng/ml



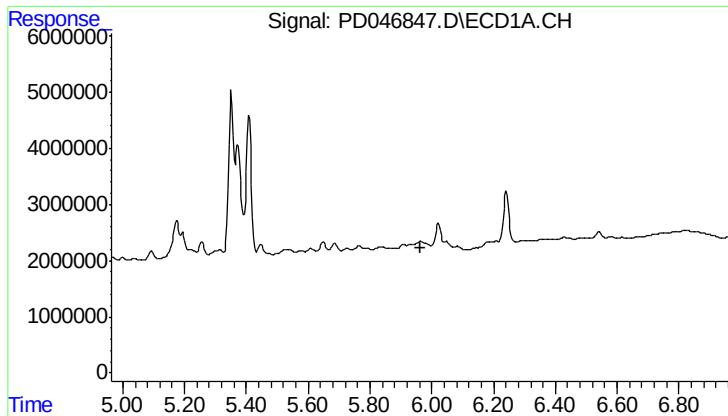
#13 Dieldrin

R.T.: 5.687 min
Delta R.T.: -0.019 min
Response: 1169084
Conc: 0.67 ng/ml



#13 Dieldrin

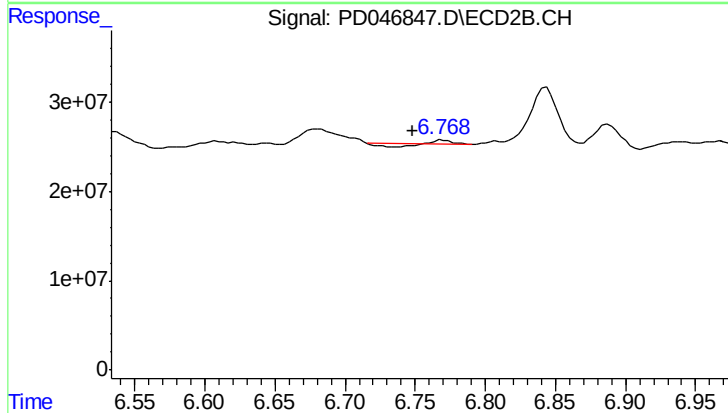
R.T.: 6.536 min
Delta R.T.: 0.004 min
Response: 26045864
Conc: 1.05 ng/ml



#14 Endrin

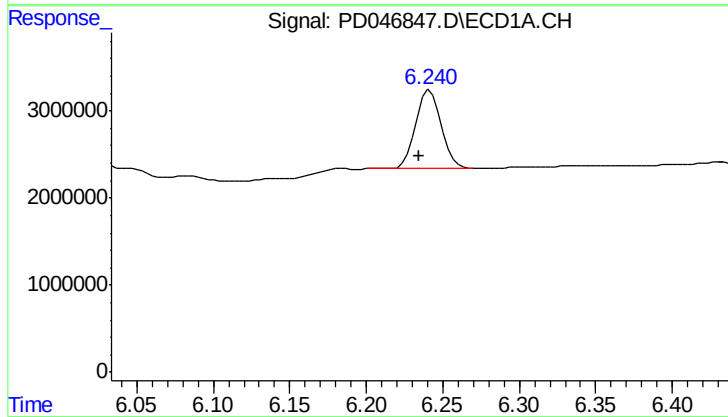
R.T.: 0.000 min
Exp R.T.: 5.963 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



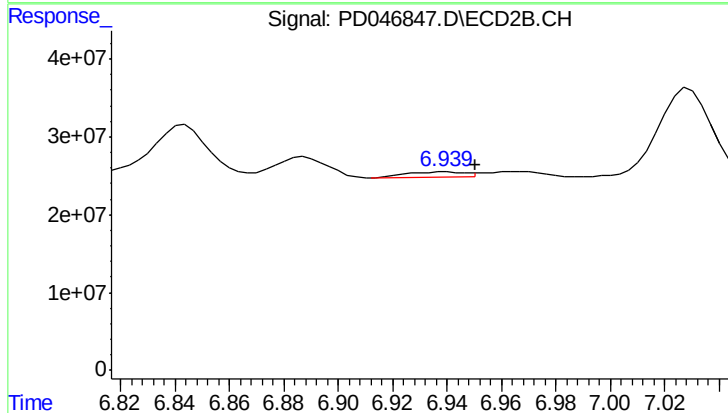
#14 Endrin

R.T.: 6.770 min
Delta R.T.: 0.021 min
Response: 151187
Conc: 0.01 ng/ml



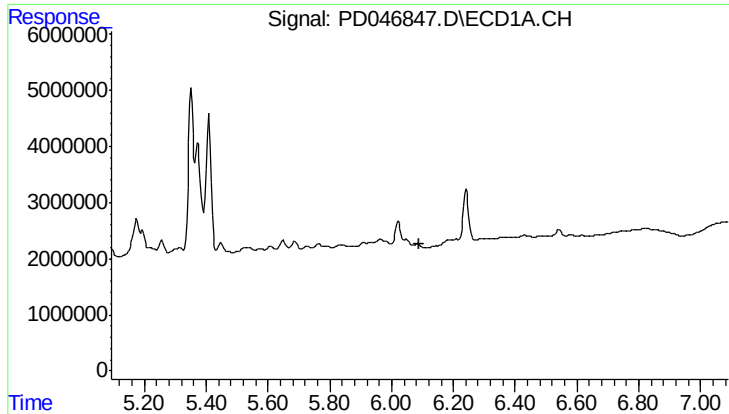
#15 Endosulfan II

R.T.: 6.242 min
Delta R.T.: 0.007 min
Response: 10520852
Conc: 6.87 ng/ml



#15 Endosulfan II

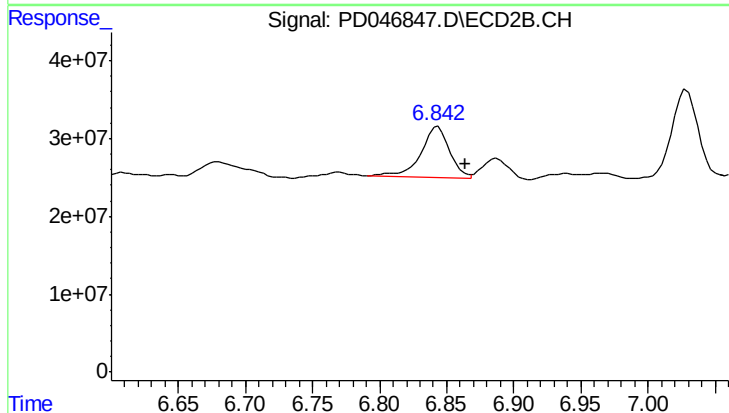
R.T.: 6.940 min
Delta R.T.: -0.011 min
Response: 10429630
Conc: 0.49 ng/ml



#16 4,4'-DDD

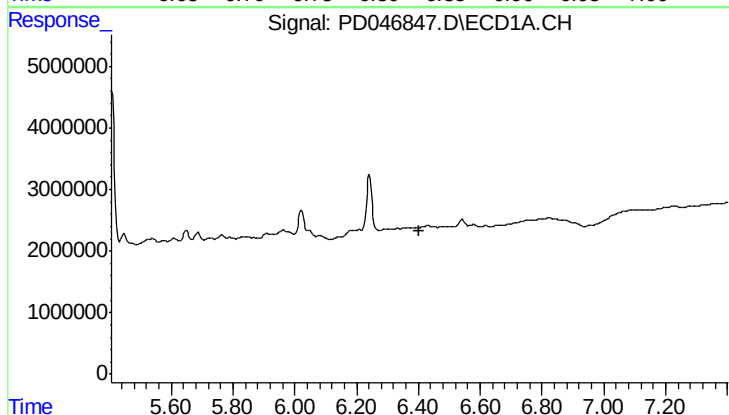
R.T.: 0.000 min
Exp R.T.: 6.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



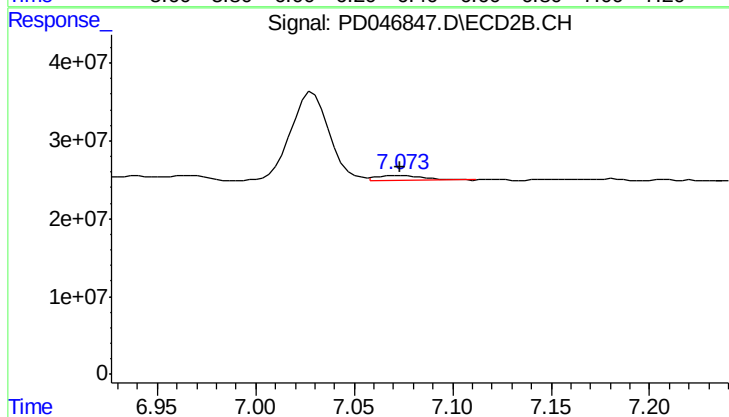
#16 4,4'-DDD

R.T.: 6.844 min
Delta R.T.: -0.020 min
Response: 98657899
Conc: 4.94 ng/ml



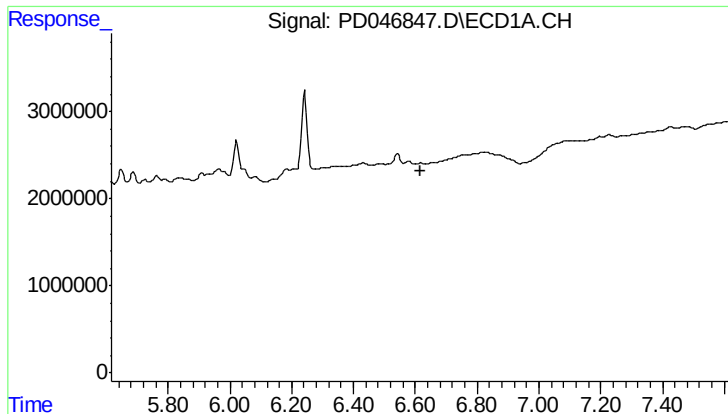
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

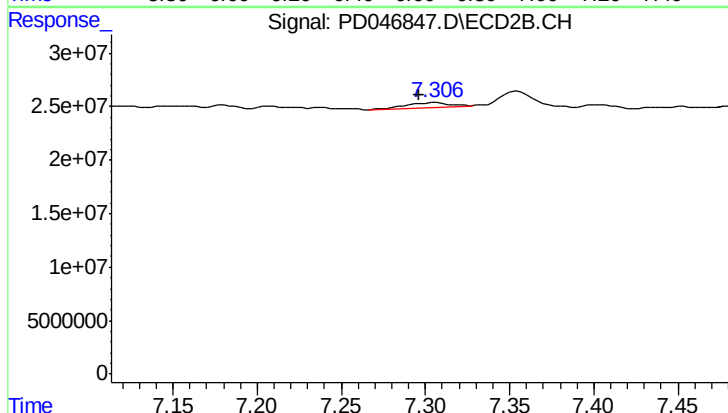
R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 10114739
Conc: 0.57 ng/ml



#19 Endosulfan Sulfate

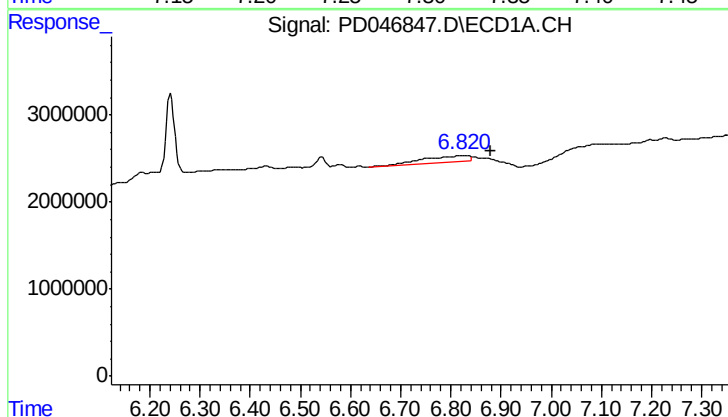
R.T.: 0.000 min
Exp R.T.: 6.616 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



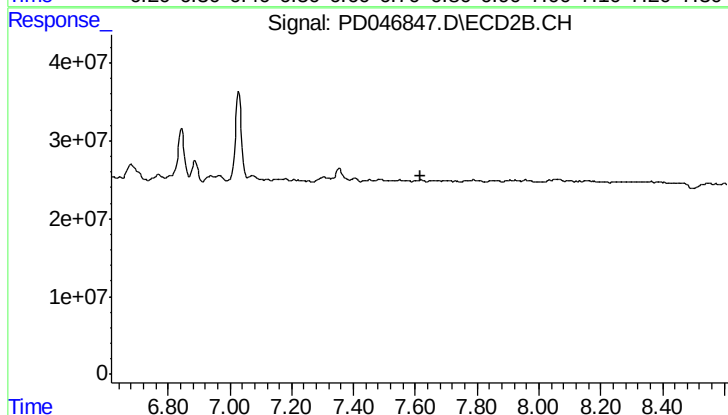
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: 0.010 min
Response: 7260316
Conc: 0.36 ng/ml



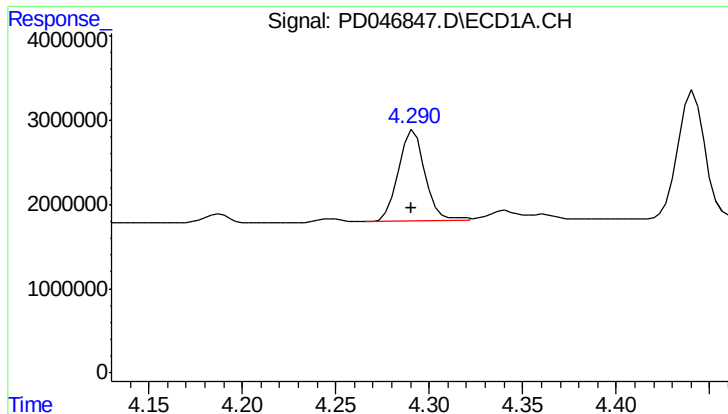
#20 Methoxychlor

R.T.: 6.822 min
Delta R.T.: -0.057 min
Response: 4782623
Conc: 6.50 ng/ml



#20 Methoxychlor

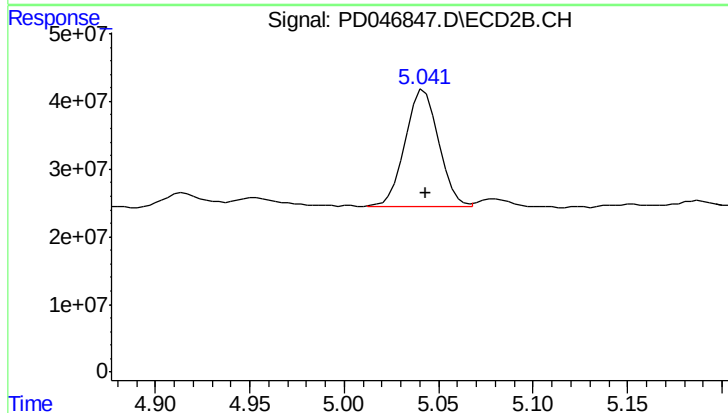
R.T.: 0.000 min
Exp R.T.: 7.616 min
Response: 0
Conc: N.D.



#23 Chlordane-1

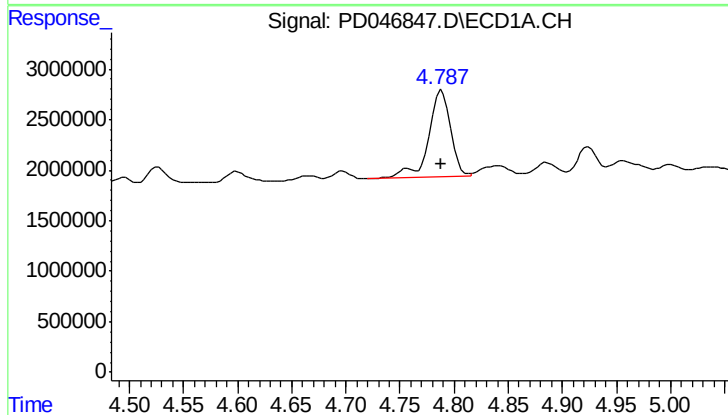
R.T.: 4.292 min
Delta R.T.: 0.001 min
Response: 10825349
Conc: 175.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



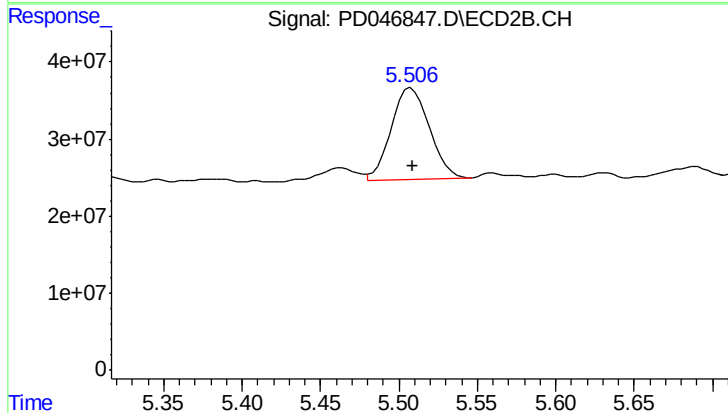
#23 Chlordane-1

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 209875092
Conc: 180.97 ng/ml



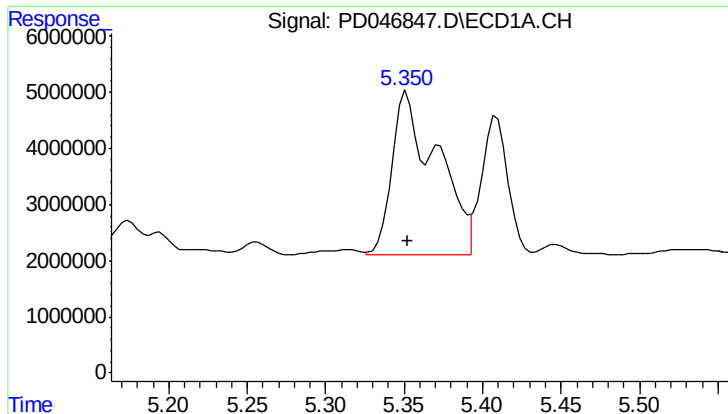
#24 Chlordane-2

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 12037460
Conc: 195.11 ng/ml



#24 Chlordane-2

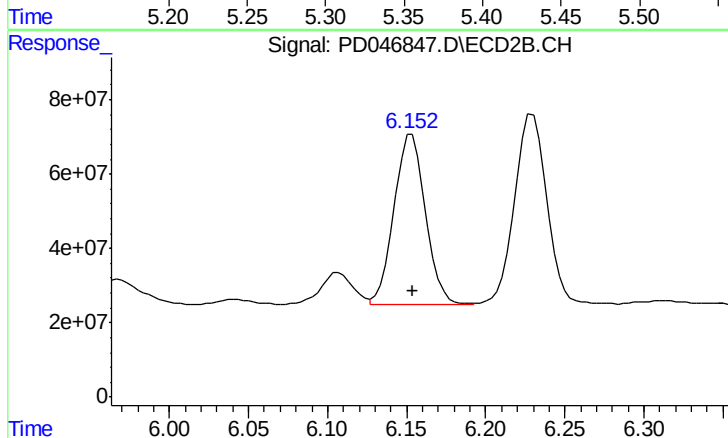
R.T.: 5.508 min
Delta R.T.: -0.001 min
Response: 202393440
Conc: 183.62 ng/ml



#25 Chlordane-3

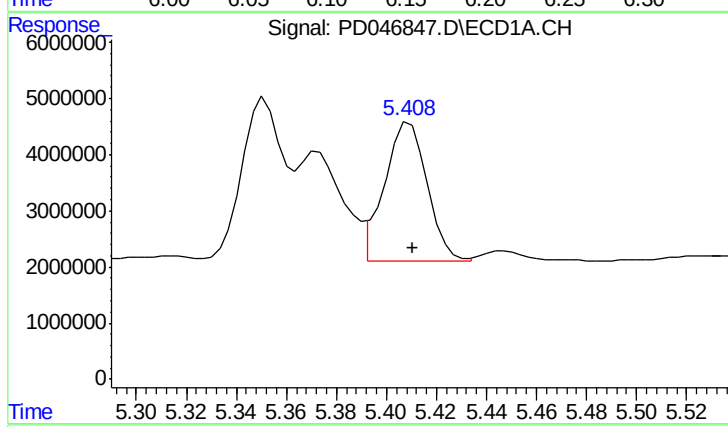
R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 57224102
Conc: 304.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



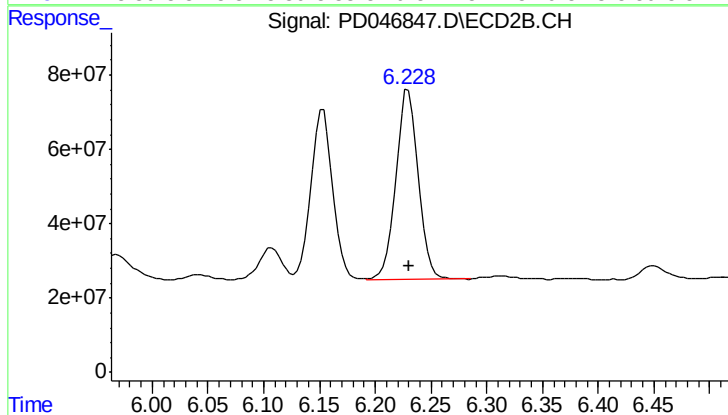
#25 Chlordane-3

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 628328115
Conc: 178.69 ng/ml



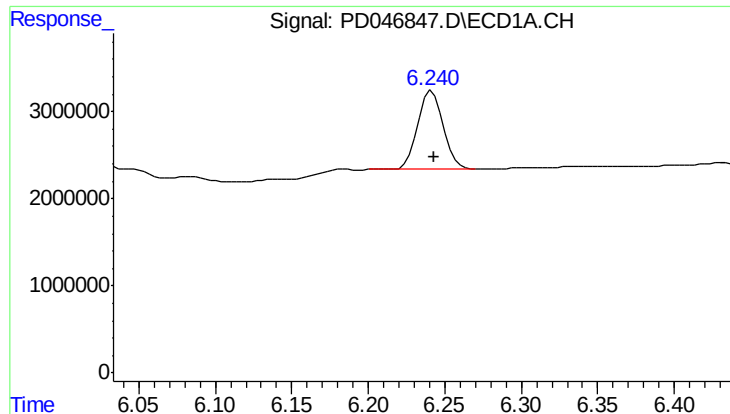
#26 Chlordane-4

R.T.: 5.409 min
Delta R.T.: -0.001 min
Response: 29175892
Conc: 176.00 ng/ml



#26 Chlordane-4

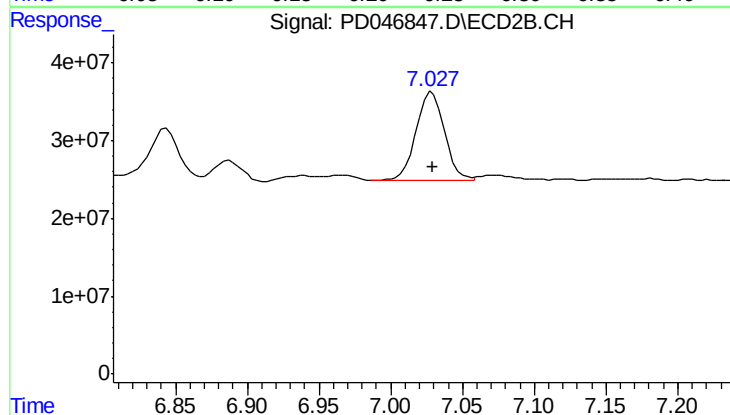
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 720754806
Conc: 179.08 ng/ml



#27 Chlordane-5

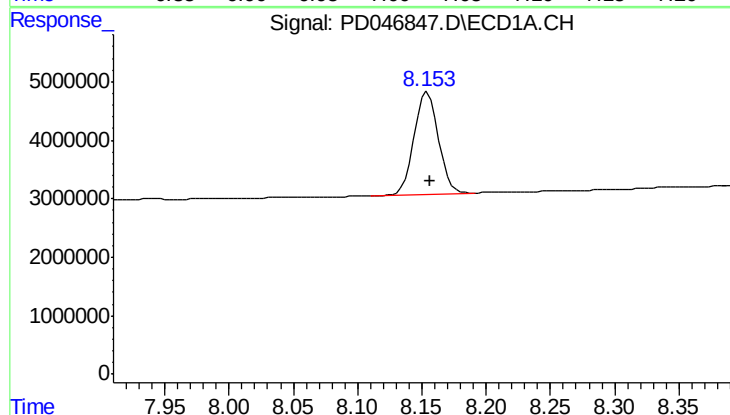
R.T.: 6.242 min
Delta R.T.: -0.001 min
Response: 10520852
Conc: 172.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ CHLOR



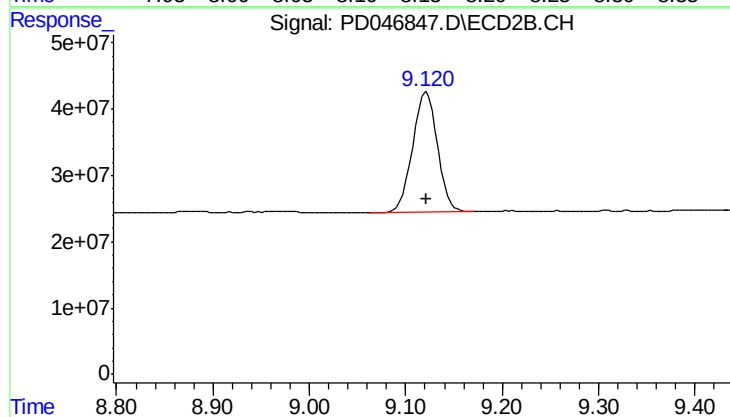
#27 Chlordane-5

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 154080871
Conc: 180.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 22988602
Conc: 17.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 322784118
Conc: 17.94 ng/ml