

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 14:33
 Operator : AR\AJ
 Sample : Q1830-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-2

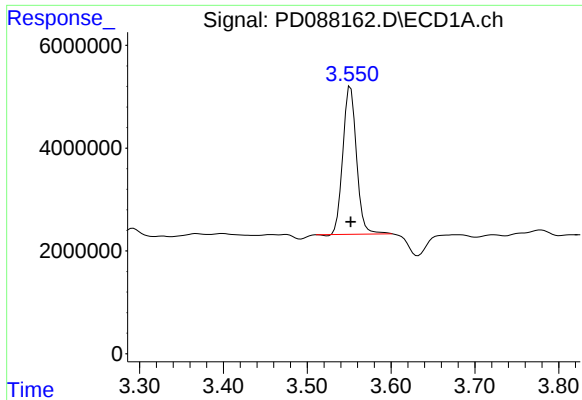
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:43:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.552	2.883	32568546	239.6E6	16.305	16.385
28)	SA Decachlor...	9.079	8.075	48164389	257.1E6	14.559	13.912
Target Compounds							
2)	A alpha-BHC	0.000	3.387	0	929773	N.D.	0.041 #
3)	MA gamma-BHC...	4.302f	3.736	100.2E6	56622450	23.933	2.629 #
4)	MA Heptachlor	4.944	4.111f	15584903	10043567	3.859	0.469 #
5)	MB Aldrin	5.256f	4.369	9502228	19495897	2.406	0.937 #
6)	B beta-BHC	4.490f	0.000	5212800	0	3.211	N.D. #
7)	B delta-BHC	4.781f	4.258	17504676	24134911	4.244	1.135 #
8)	B Heptachlo...	5.688	4.875	2592974	32914290	0.726	1.742 #
9)	A Endosulfan I	6.097f	5.270f	43031522	186.4E6	12.742	10.347
10)	B gamma-Chl...	5.946	5.129	20270524	131.0E6	5.596	6.453
11)	B alpha-Chl...	6.031	5.193	30120236	201.0E6	8.345	10.254
12)	B 4,4'-DDE	6.198	5.379	13374878	114.2E6	4.055	5.796 #
13)	MA Dieldrin	6.350	5.515	5066378	157.8E6	1.420	7.916 #
14)	MA Endrin	6.577	5.797	7209612	62646103	2.417	3.442 #
15)	B Endosulfa...	6.774	6.085	1732065	140.0E6	0.554	7.988 #
16)	A 4,4'-DDD	6.705	5.933	77951590	397.3E6	30.995	24.246
17)	MA 4,4'-DDT	7.022	6.185	35089110	212.2E6	12.633	12.469
18)	B Endrin al...	6.922	6.277	3239862	30690423	1.404	2.307 #
19)	B Endosulfa...	7.151	6.500	-2369748	52248706	N.D.	3.050
20)	A Methoxychlor	0.000	6.738f	0	14105100	N.D.	1.546 #
22)	Mirex	8.104	7.172f	4669031	12081829	1.988	0.815 #
23)	Chlordane-1	4.688f	3.907	26383449	84113526	158.797	104.919 #
24)	Chlordane-2	5.256	4.507	9502228	4143330	57.061	5.020 #
25)	Chlordane-3	5.946	5.129	20270524	131.0E6	30.051	51.784 #
26)	Chlordane-4	6.031	5.193	30120236	201.0E6	36.943	94.008 #
27)	Chlordane-5	6.871	6.085	4996637	140.0E6	36.775	144.958 #

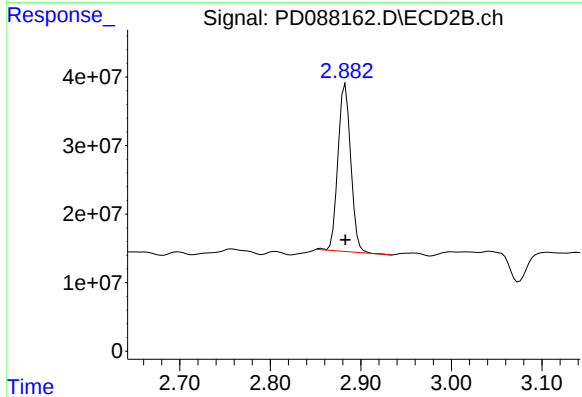
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

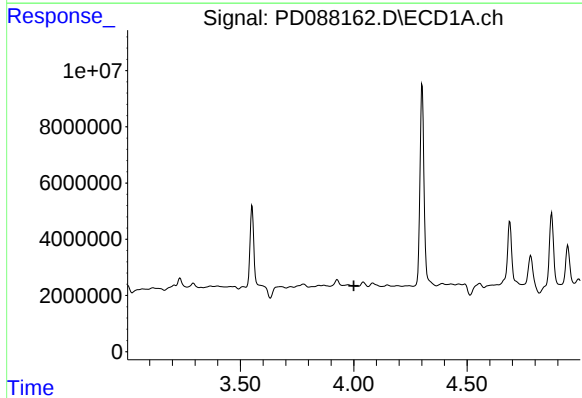
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 32568546
Conc: 16.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



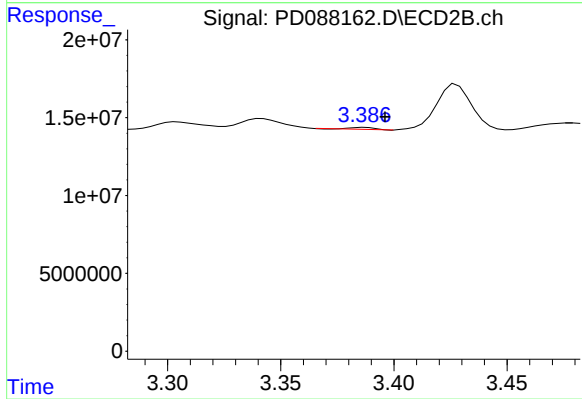
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 239582015
Conc: 16.39 ng/ml



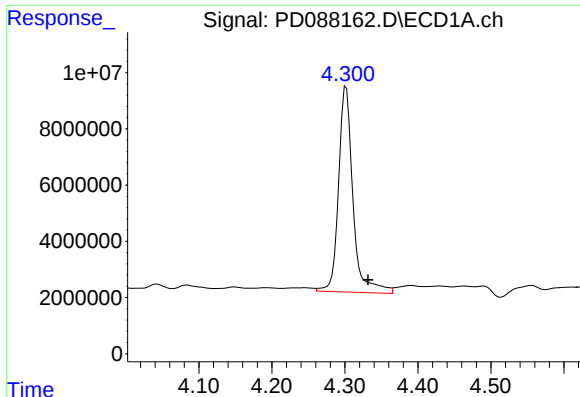
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

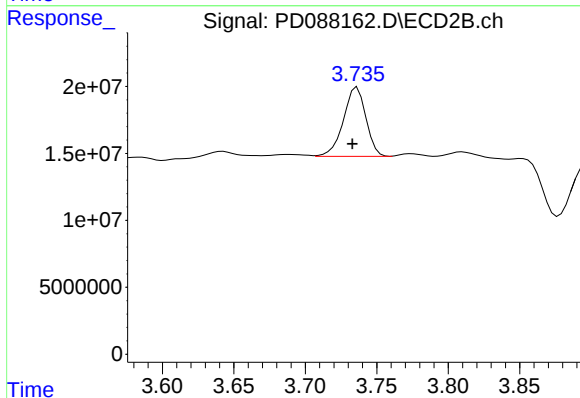
R.T.: 3.387 min
Delta R.T.: -0.009 min
Response: 929773
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

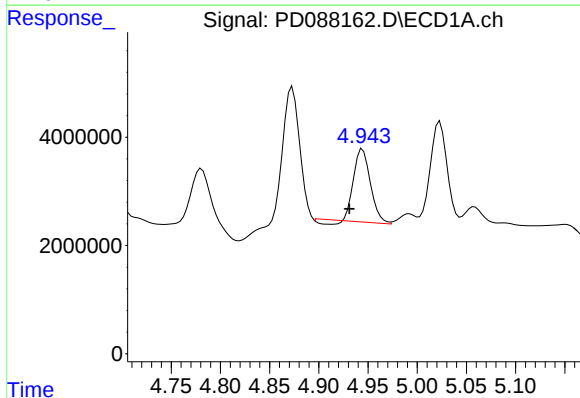
R.T.: 4.302 min
Delta R.T.: -0.030 min
Response: 100219105
Conc: 23.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



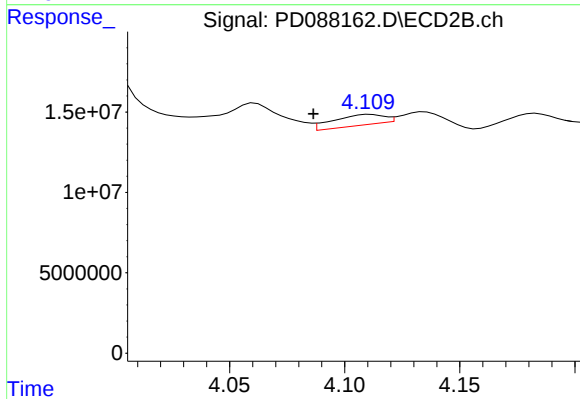
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.003 min
Response: 56622450
Conc: 2.63 ng/ml



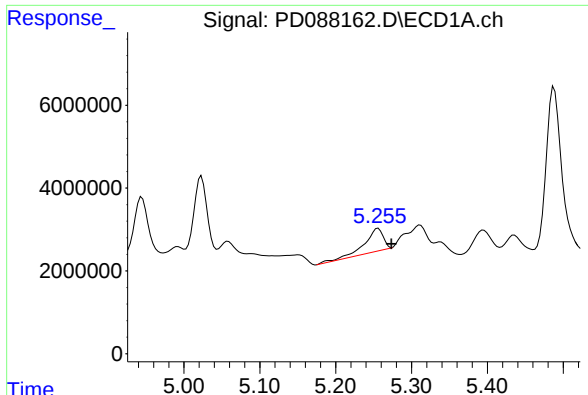
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.013 min
Response: 15584903
Conc: 3.86 ng/ml



#4 Heptachlor

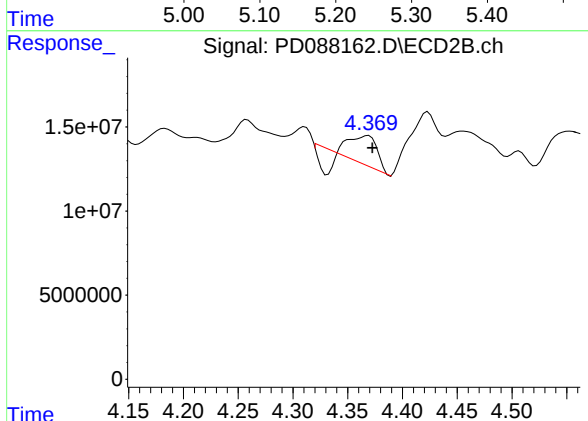
R.T.: 4.111 min
Delta R.T.: 0.025 min
Response: 10043567
Conc: 0.47 ng/ml



#5 Aldrin

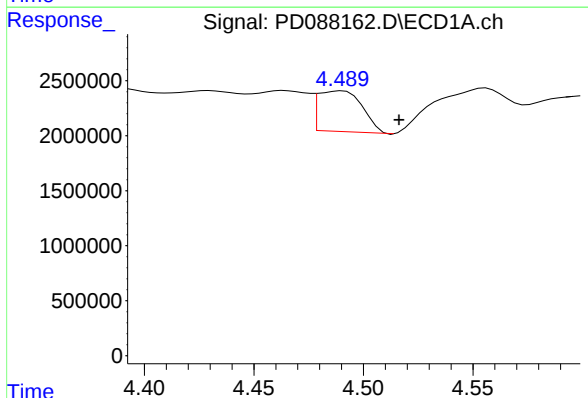
R.T.: 5.256 min
Delta R.T.: -0.017 min
Response: 9502228
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



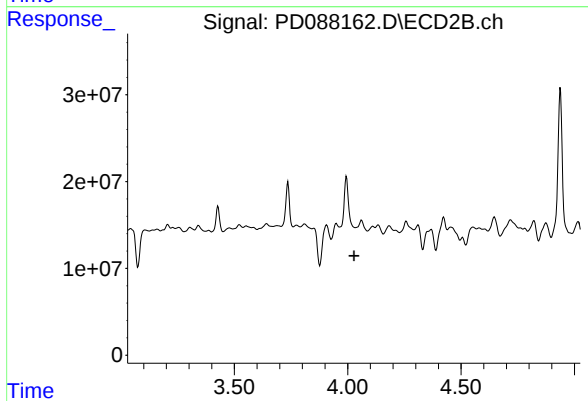
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 19495897
Conc: 0.94 ng/ml



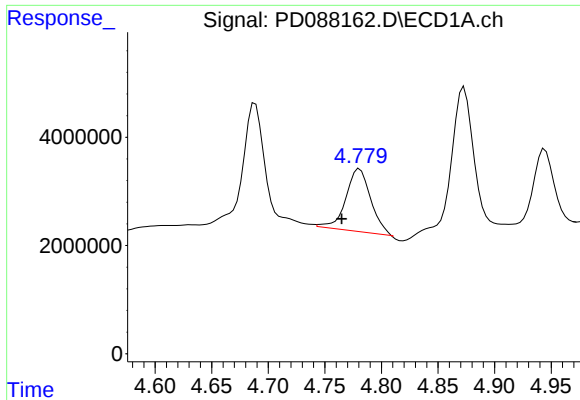
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.026 min
Response: 5212800
Conc: 3.21 ng/ml



#6 beta-BHC

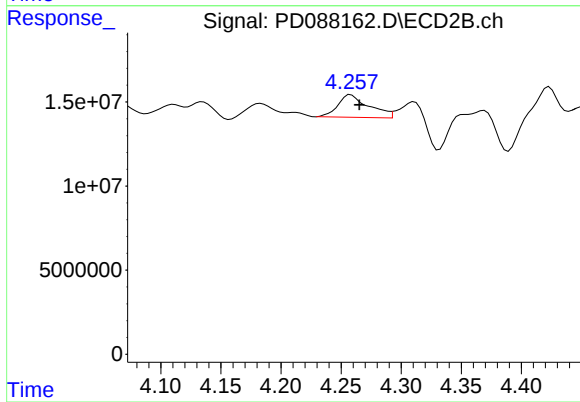
R.T.: 0.000 min
Exp R.T. : 4.028 min
Response: 0
Conc: N.D.



#7 delta-BHC

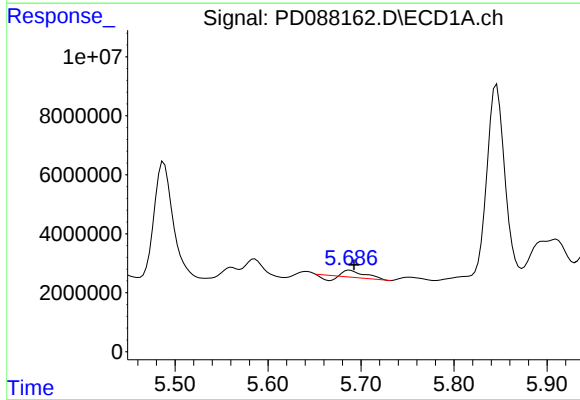
R.T.: 4.781 min
Delta R.T.: 0.016 min
Response: 17504676
Conc: 4.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



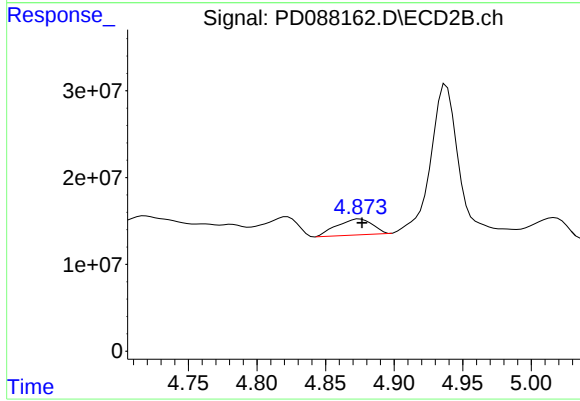
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.007 min
Response: 24134911
Conc: 1.14 ng/ml



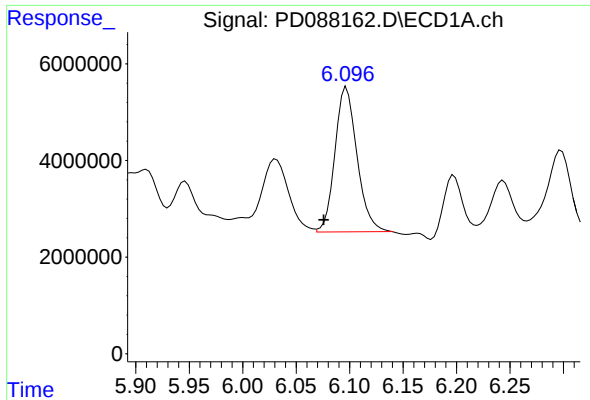
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 2592974
Conc: 0.73 ng/ml



#8 Heptachlor epoxide

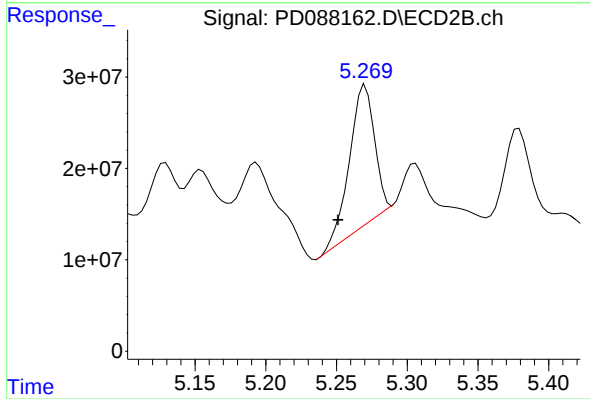
R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 32914290
Conc: 1.74 ng/ml



#9 Endosulfan I

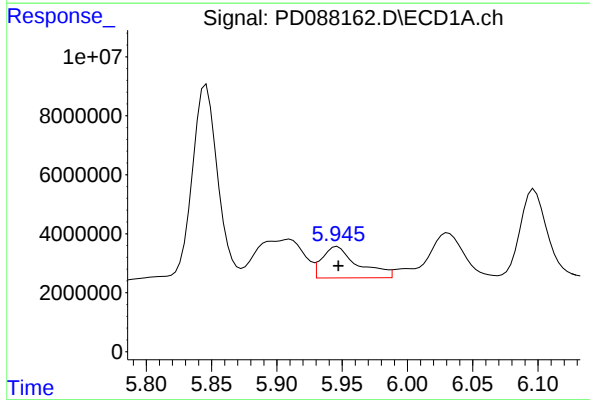
R.T.: 6.097 min
Delta R.T.: 0.021 min
Response: 43031522
Conc: 12.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



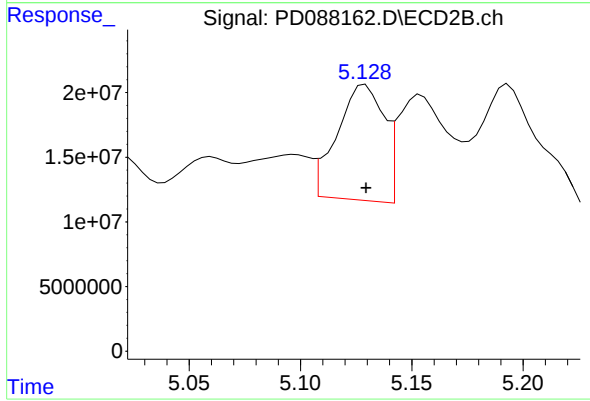
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: 0.019 min
Response: 186379355
Conc: 10.35 ng/ml



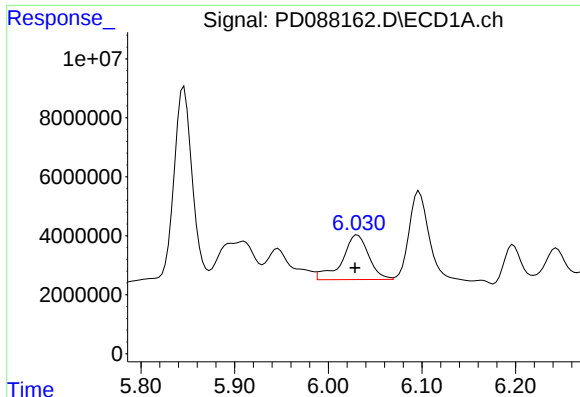
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 20270524
Conc: 5.60 ng/ml



#10 gamma-Chlordane

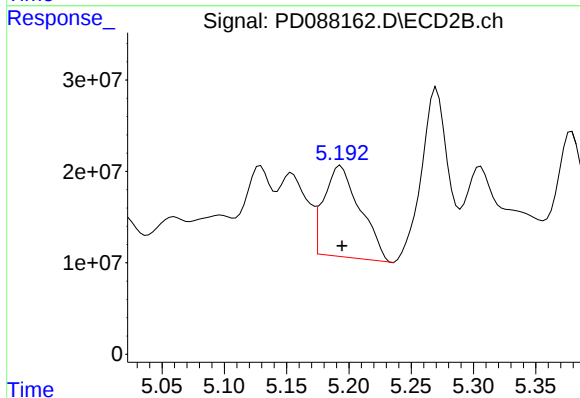
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 130963844
Conc: 6.45 ng/ml



#11 alpha-Chlordane

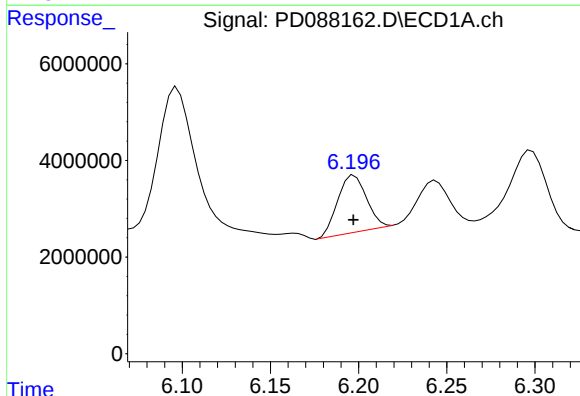
R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 30120236
Conc: 8.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



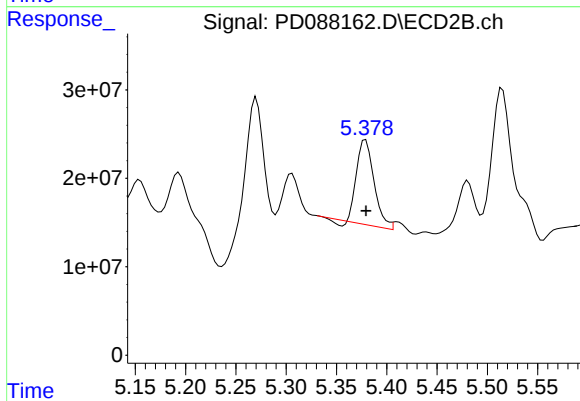
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 201004293
Conc: 10.25 ng/ml



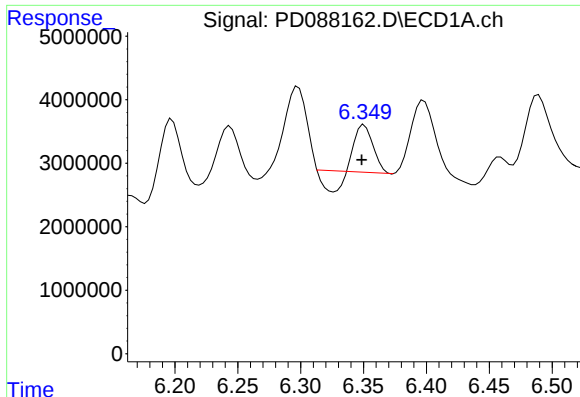
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 13374878
Conc: 4.06 ng/ml



#12 4,4'-DDE

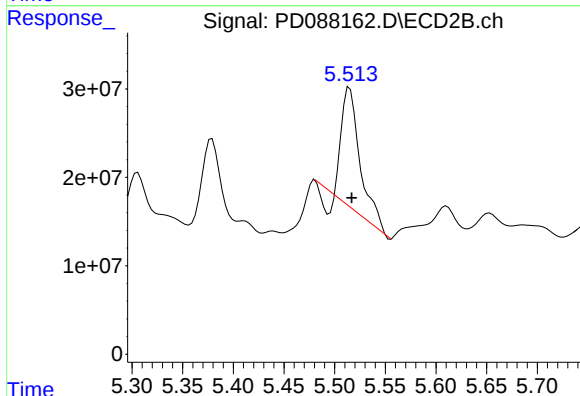
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 114150122
Conc: 5.80 ng/ml



#13 Dieldrin

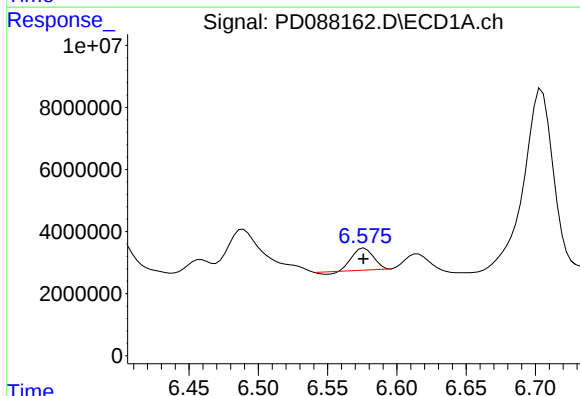
R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 5066378
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



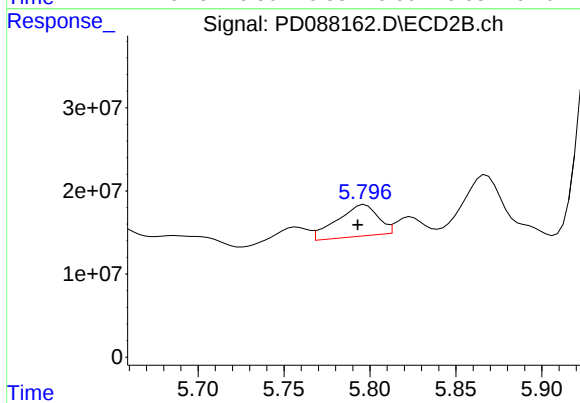
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 157789556
Conc: 7.92 ng/ml



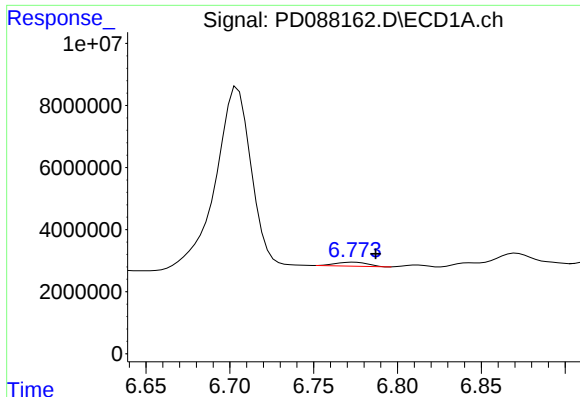
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 7209612
Conc: 2.42 ng/ml



#14 Endrin

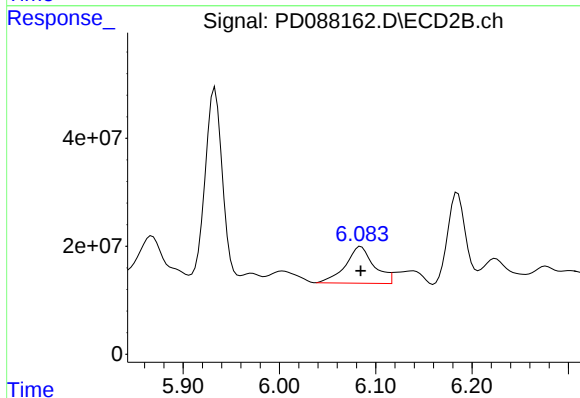
R.T.: 5.797 min
Delta R.T.: 0.004 min
Response: 62646103
Conc: 3.44 ng/ml



#15 Endosulfan II

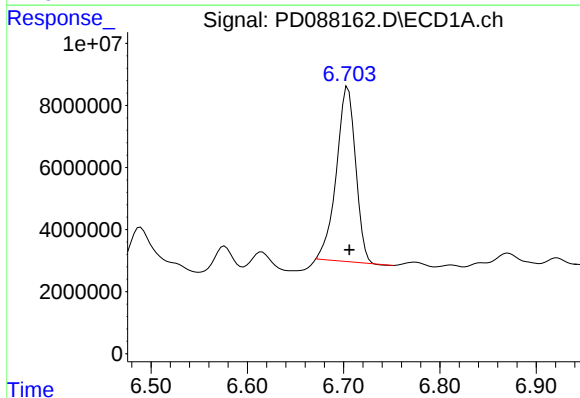
R.T.: 6.774 min
Delta R.T.: -0.013 min
Response: 1732065
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



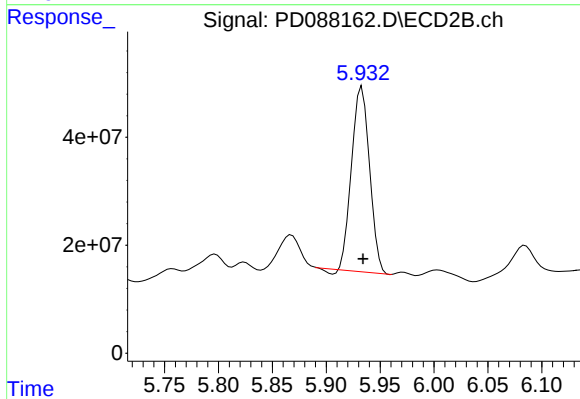
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 139960422
Conc: 7.99 ng/ml



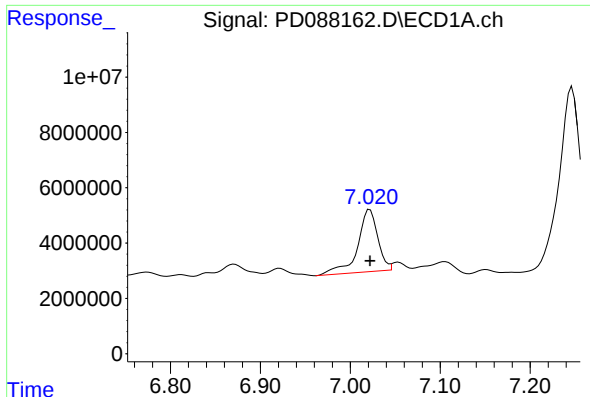
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 77951590
Conc: 31.00 ng/ml



#16 4,4'-DDD

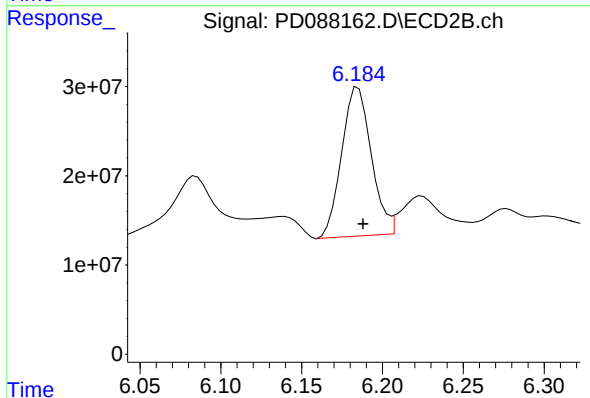
R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 397298665
Conc: 24.25 ng/ml



#17 4,4'-DDT

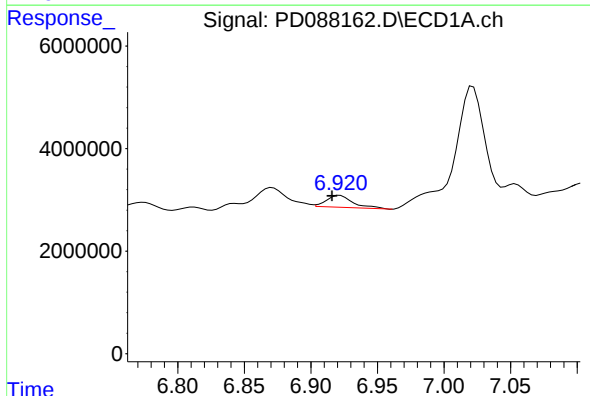
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 35089110
Conc: 12.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



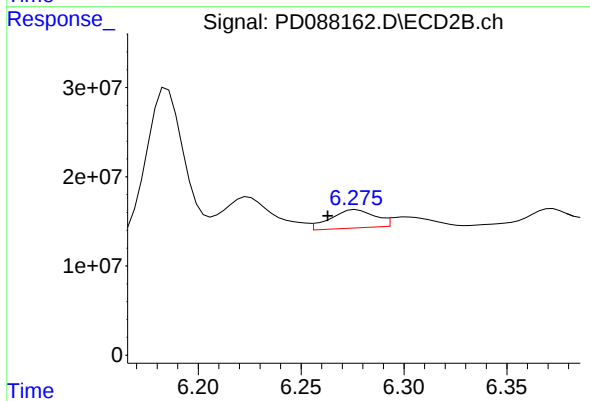
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 212174980
Conc: 12.47 ng/ml



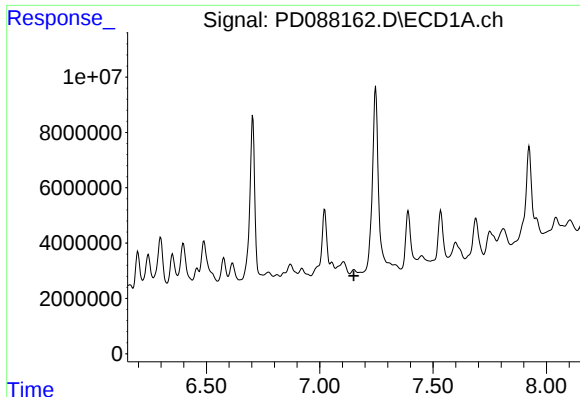
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.006 min
Response: 3239862
Conc: 1.40 ng/ml



#18 Endrin aldehyde

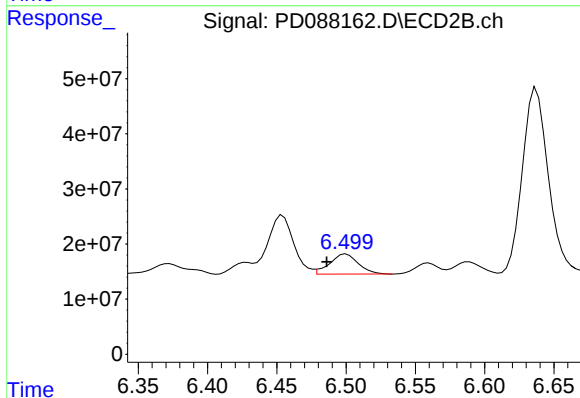
R.T.: 6.277 min
Delta R.T.: 0.014 min
Response: 30690423
Conc: 2.31 ng/ml



#19 Endosulfan Sulfate

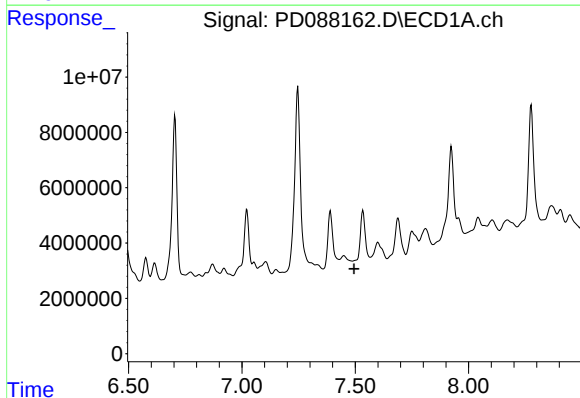
R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: -2369748
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-2



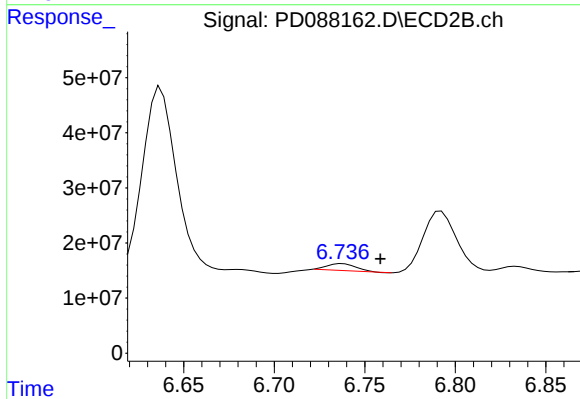
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.014 min
Response: 52248706
Conc: 3.05 ng/ml



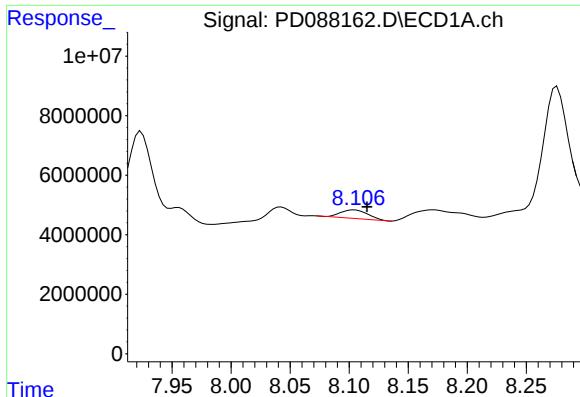
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



#20 Methoxychlor

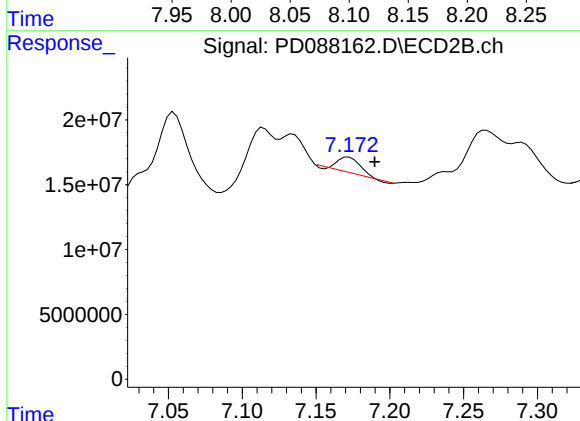
R.T.: 6.738 min
Delta R.T.: -0.021 min
Response: 14105100
Conc: 1.55 ng/ml



#22 Mirex

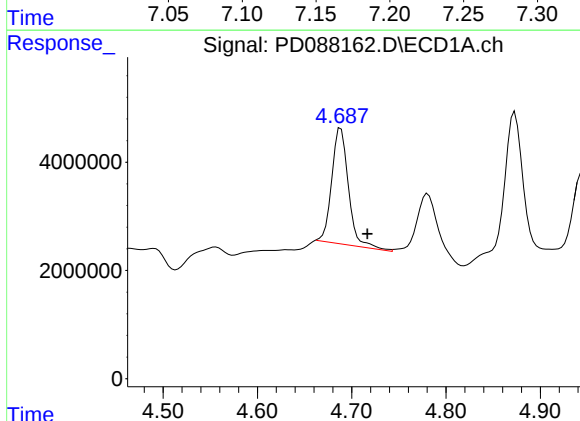
R.T.: 8.104 min
Delta R.T.: -0.011 min
Response: 4669031
Conc: 1.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



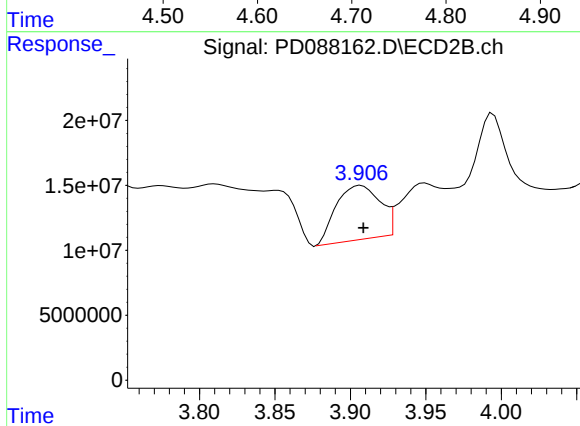
#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.018 min
Response: 12081829
Conc: 0.82 ng/ml



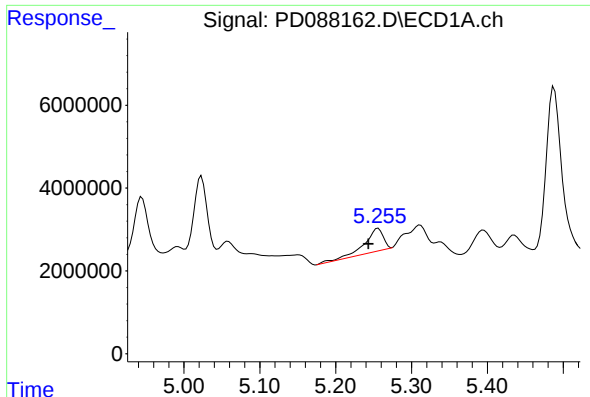
#23 Chlordane-1

R.T.: 4.688 min
Delta R.T.: -0.028 min
Response: 26383449
Conc: 158.80 ng/ml



#23 Chlordane-1

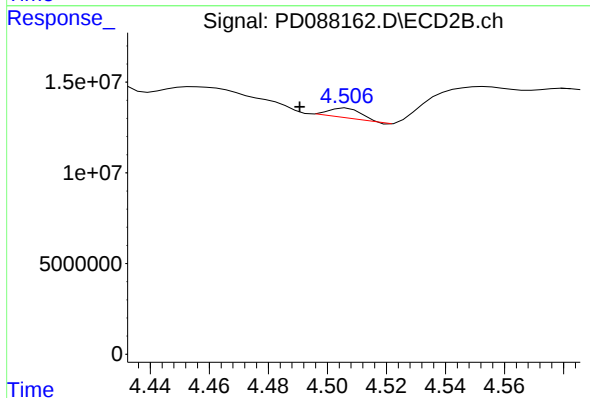
R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 84113526
Conc: 104.92 ng/ml



#24 Chlordane-2

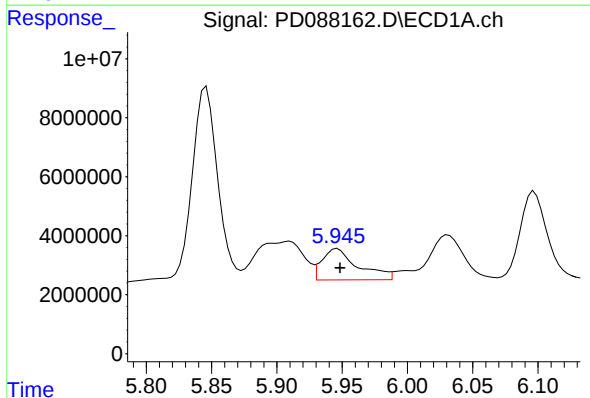
R.T.: 5.256 min
Delta R.T.: 0.013 min
Response: 9502228
Conc: 57.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



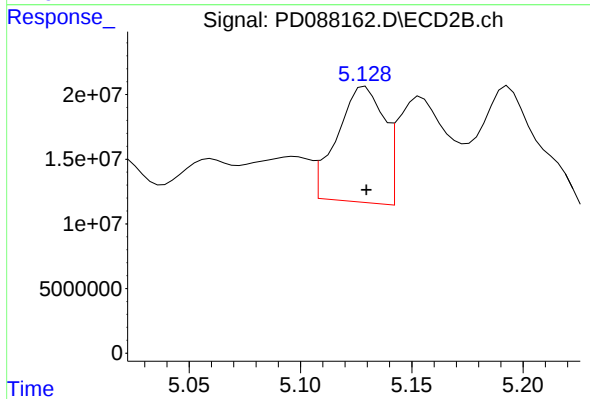
#24 Chlordane-2

R.T.: 4.507 min
Delta R.T.: 0.016 min
Response: 4143330
Conc: 5.02 ng/ml



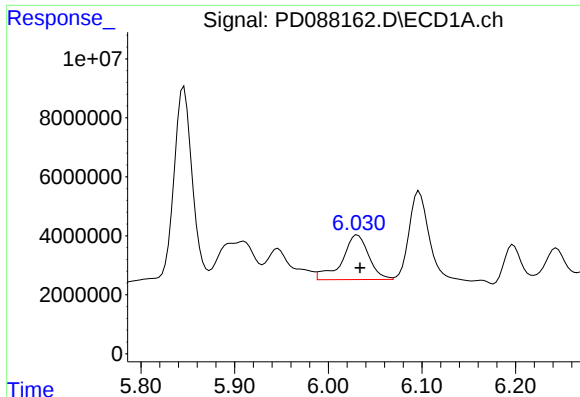
#25 Chlordane-3

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 20270524
Conc: 30.05 ng/ml



#25 Chlordane-3

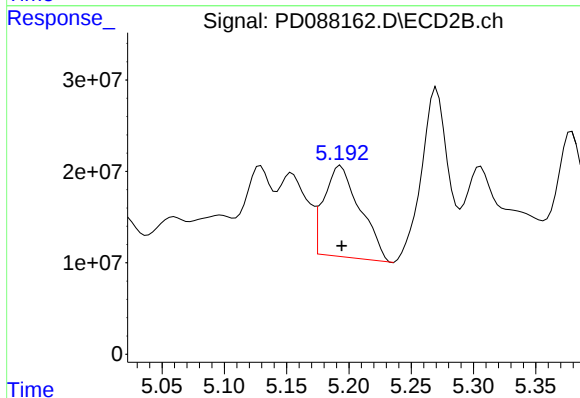
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 130963844
Conc: 51.78 ng/ml



#26 Chlordane-4

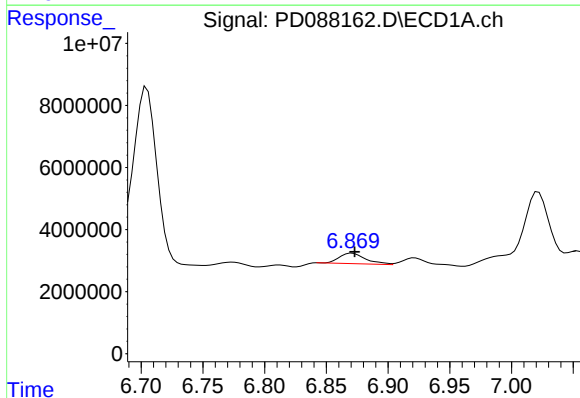
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 30120236
Conc: 36.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



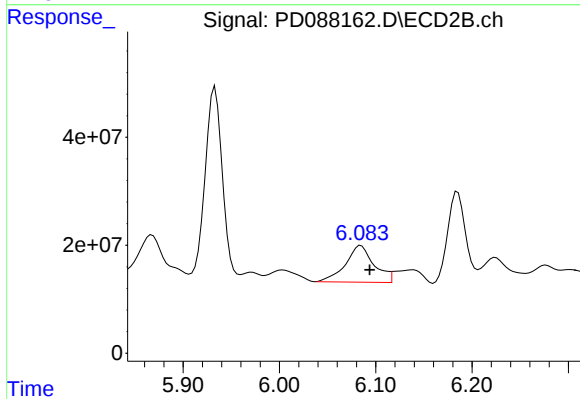
#26 Chlordane-4

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 201004293
Conc: 94.01 ng/ml



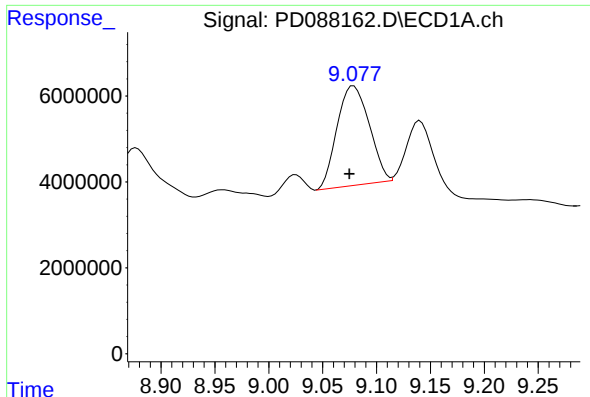
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 4996637
Conc: 36.77 ng/ml



#27 Chlordane-5

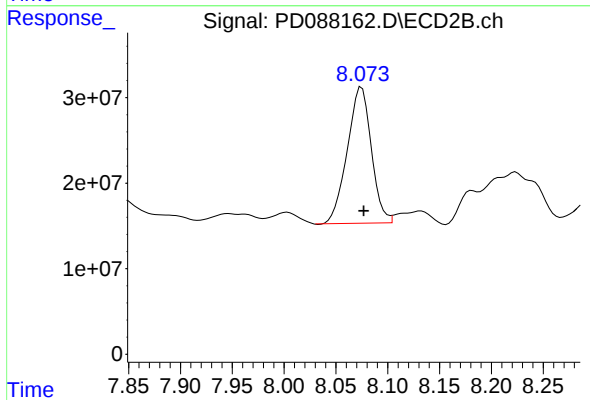
R.T.: 6.085 min
Delta R.T.: -0.009 min
Response: 139960422
Conc: 144.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.004 min
Response: 48164389
Conc: 14.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-2



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 257082018
Conc: 13.91 ng/ml