

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
 Data File : PD090032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 15:20
 Operator : AR\AJ
 Sample : Q2941-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-COMP(1-2)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 04:59:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.556	2.877	41089130	607.7E6	14.000	27.558 #
28)	SA Decachlor...	9.083	8.068	42278222	260.2E6	9.796	10.051
Target Compounds							
2)	A alpha-BHC	3.977f	3.369f	939451	100.7E6	0.157	2.968 #
3)	MA gamma-BHC...	4.309f	3.731	49517458	27781754	8.647	0.891 #
4)	MA Heptachlor	4.953f	4.056f	1974782	21896242	0.352	0.702 #
5)	MB Aldrin	5.265	4.364	1925498	12328925	0.356	0.405
6)	B beta-BHC	4.500	4.036	4306866	16916594	1.920	1.269 #
7)	B delta-BHC	4.784f	4.252	1792075	3040696	0.346	0.096 #
8)	B Heptachlo...	5.695	4.868	-719505	4716185	N.D.	0.170
9)	A Endosulfan I	6.041f	5.265f	3142401	176.6E6	0.681	6.735 #
10)	B gamma-Chl...	5.952	5.123	355910	34097830	0.073	1.152 #
11)	B alpha-Chl...	6.010	5.190	542595	114.1E6	0.110	3.998 #
12)	B 4,4'-DDE	0.000	5.375	0	16741398	N.D.	0.581 #
13)	MA Dieldrin	6.362f	5.510	-545246	138.1E6	N.D.	4.716
14)	MA Endrin	6.584	5.780	1314115	16158083	0.317	0.607 #
15)	B Endosulfa...	6.787	6.080	411589	40461046	0.098	1.600 #
16)	A 4,4'-DDD	6.699	5.931	2807718	-6681404	0.812	N.D. #
17)	MA 4,4'-DDT	7.032	6.177	638191	17221902	0.168	0.687 #
18)	B Endrin al...	6.930f	6.270f	1032369	3363283	0.360	0.195 #
21)	B Endrin ke...	0.000	6.966f	0	27959124	N.D.	1.049 #
22)	Mirex	8.114	0.000	1384936	0	0.439	N.D. #
23)	Chlordane-1	4.696	3.902	6055309	74849267	35.257	84.201 #
24)	Chlordane-2	5.265f	4.455f	1925498	5474342	10.939	5.715 #
25)	Chlordane-3	5.952	5.123	355910	34097830	0.525	12.305 #
26)	Chlordane-4	6.041	5.190	3142401	114.1E6	3.785	47.402 #
27)	Chlordane-5	6.877	6.080	390785	40461046	2.788	36.784 #

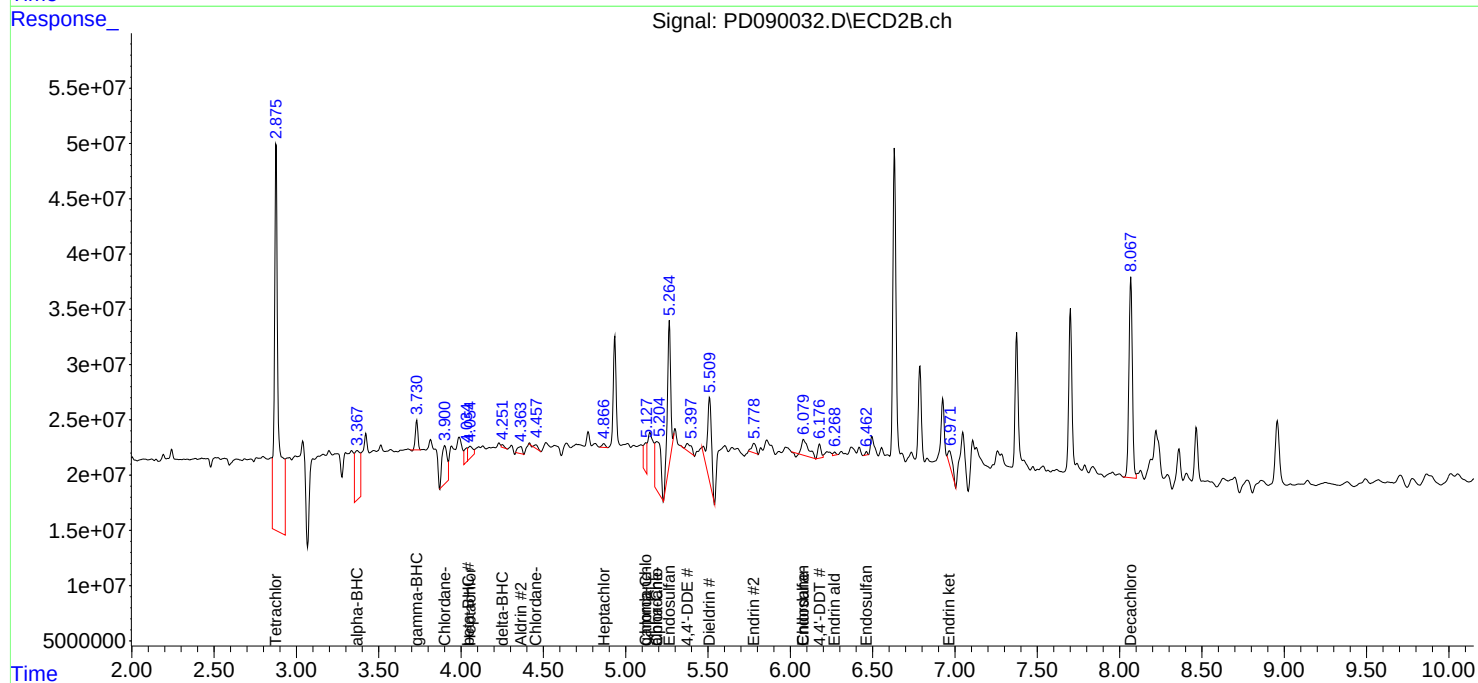
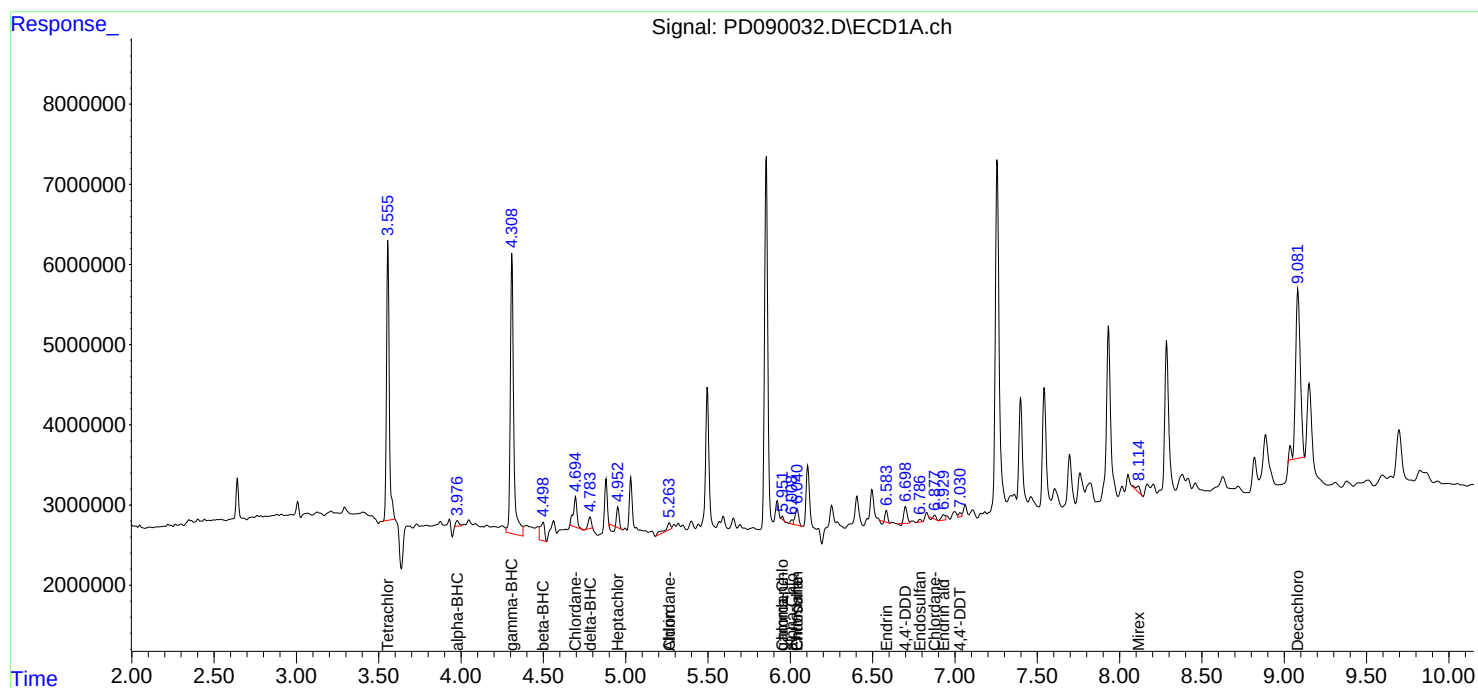
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

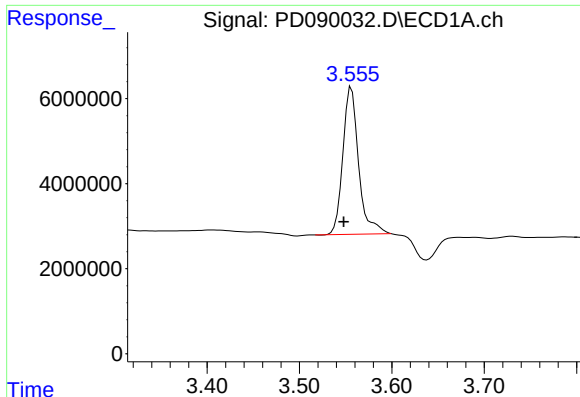
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
Data File : PD090032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 15:20
Operator : AR\AJ
Sample : Q2941-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 04:59:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

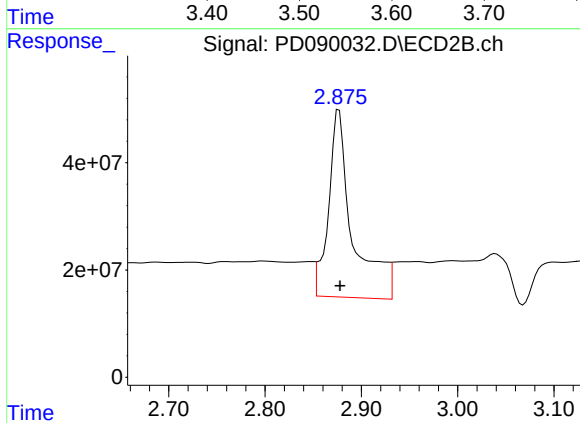




#1 Tetrachloro-m-xylene

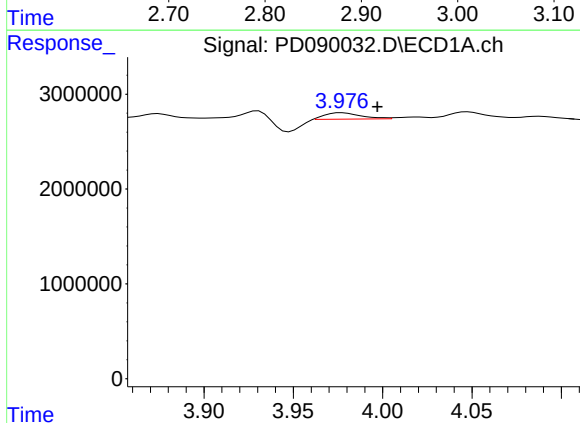
R.T.: 3.556 min
Delta R.T.: 0.008 min
Response: 41089130
Conc: 14.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



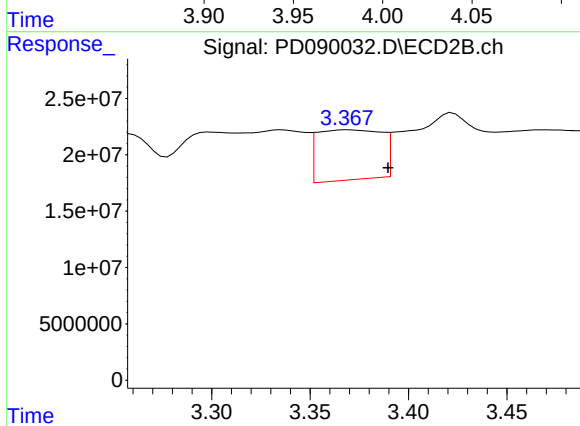
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 607672303
Conc: 27.56 ng/ml



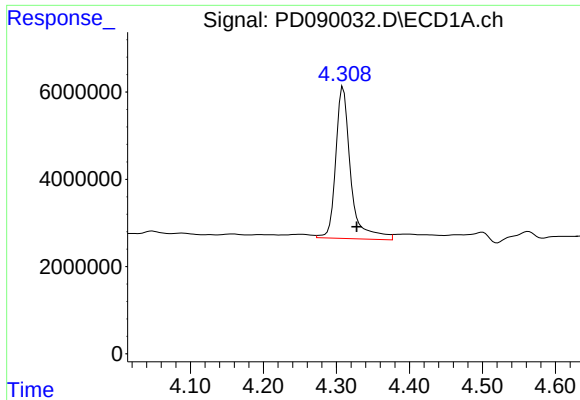
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.020 min
Response: 939451
Conc: 0.16 ng/ml



#2 alpha-BHC

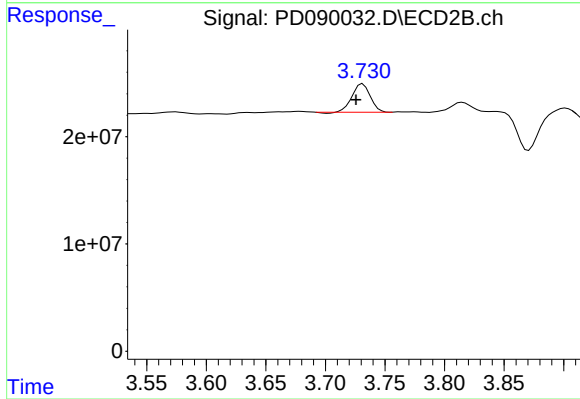
R.T.: 3.369 min
Delta R.T.: -0.020 min
Response: 100733126
Conc: 2.97 ng/ml



#3 gamma-BHC (Lindane)

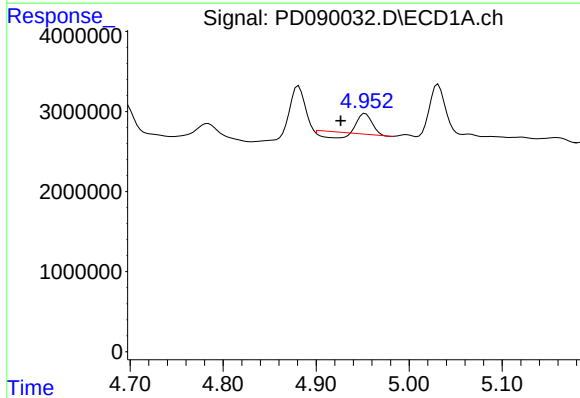
R.T.: 4.309 min
Delta R.T.: -0.018 min
Response: 49517458
Conc: 8.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



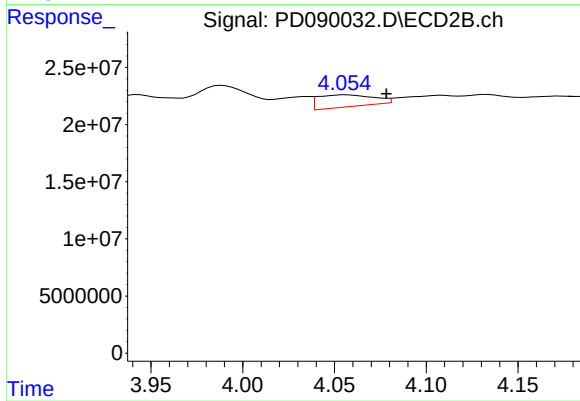
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.006 min
Response: 27781754
Conc: 0.89 ng/ml



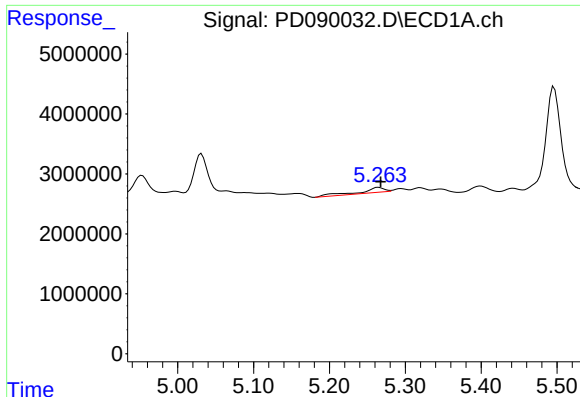
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.027 min
Response: 1974782
Conc: 0.35 ng/ml



#4 Heptachlor

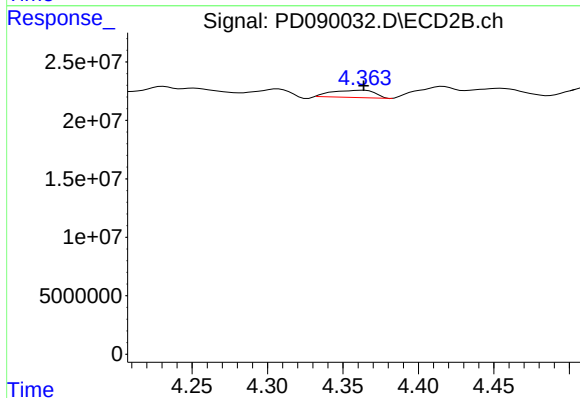
R.T.: 4.056 min
Delta R.T.: -0.022 min
Response: 21896242
Conc: 0.70 ng/ml



#5 Aldrin

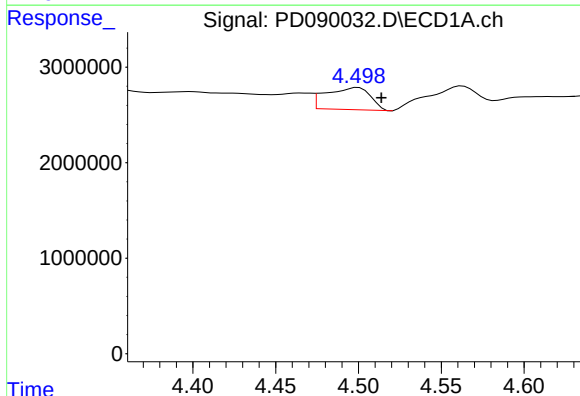
R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 1925498
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



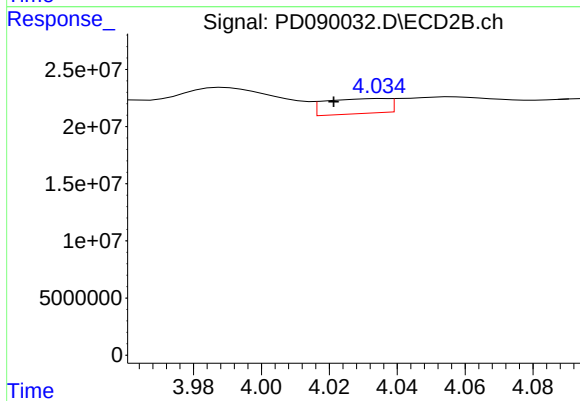
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 12328925
Conc: 0.40 ng/ml



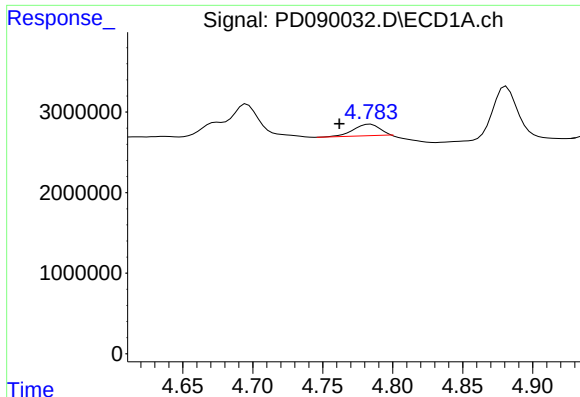
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: -0.014 min
Response: 4306866
Conc: 1.92 ng/ml



#6 beta-BHC

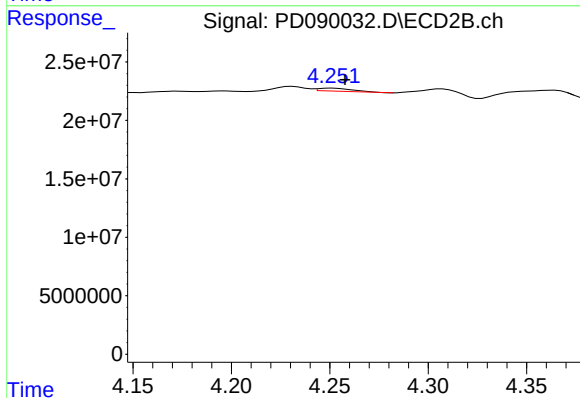
R.T.: 4.036 min
Delta R.T.: 0.015 min
Response: 16916594
Conc: 1.27 ng/ml



#7 delta-BHC

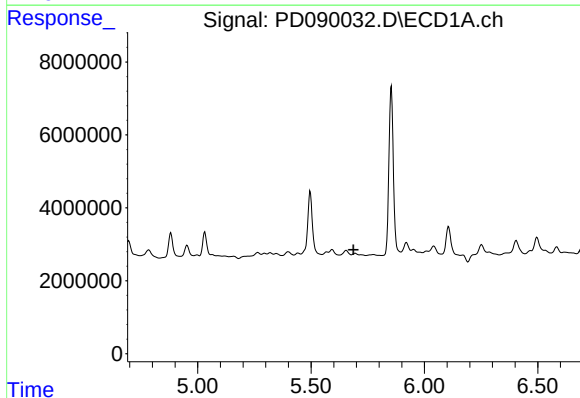
R.T.: 4.784 min
Delta R.T.: 0.022 min
Response: 1792075
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



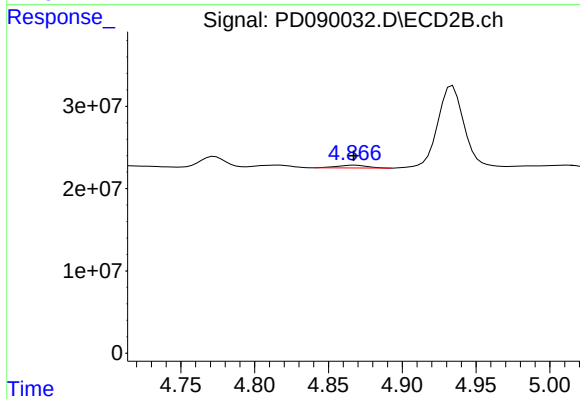
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.006 min
Response: 3040696
Conc: 0.10 ng/ml



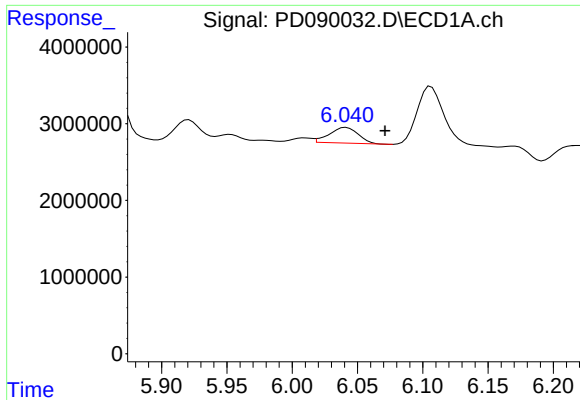
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.008 min
Response: -719505
Conc: N.D.



#8 Heptachlor epoxide

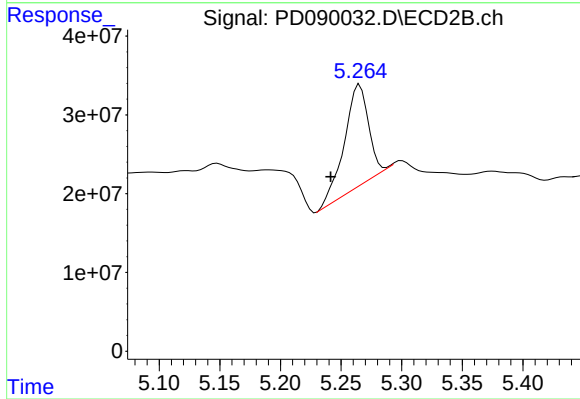
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 4716185
Conc: 0.17 ng/ml



#9 Endosulfan I

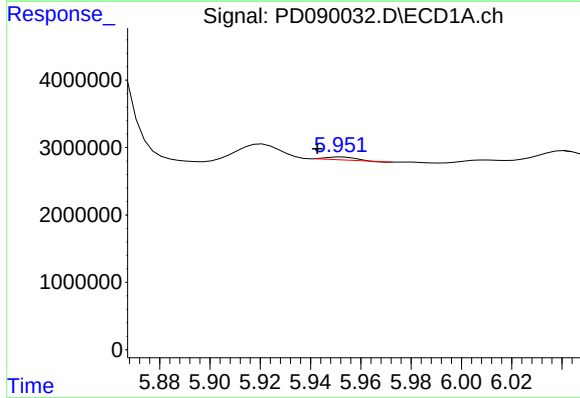
R.T.: 6.041 min
Delta R.T.: -0.030 min
Response: 3142401
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



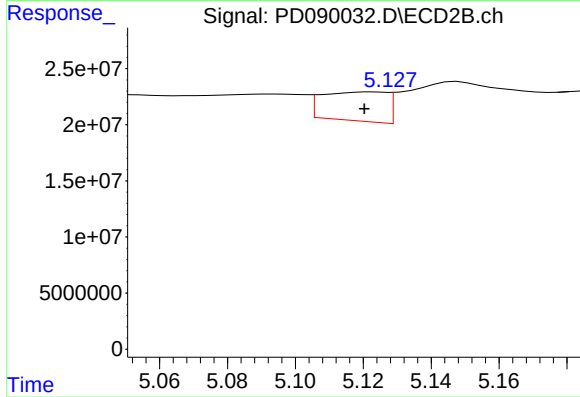
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: 0.024 min
Response: 176599201
Conc: 6.73 ng/ml



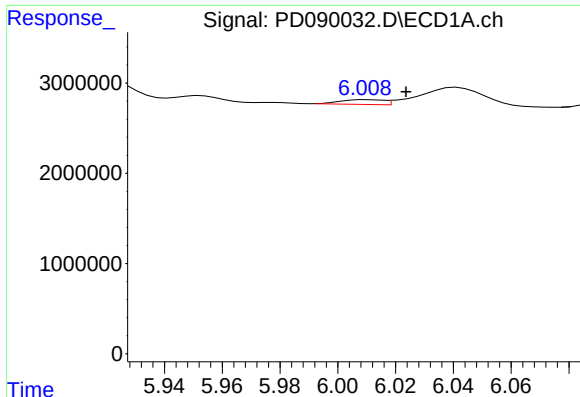
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.010 min
Response: 355910
Conc: 0.07 ng/ml



#10 gamma-Chlordane

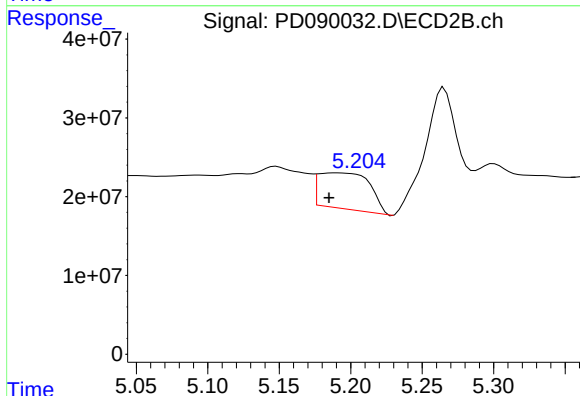
R.T.: 5.123 min
Delta R.T.: 0.003 min
Response: 34097830
Conc: 1.15 ng/ml



#11 alpha-Chlordane

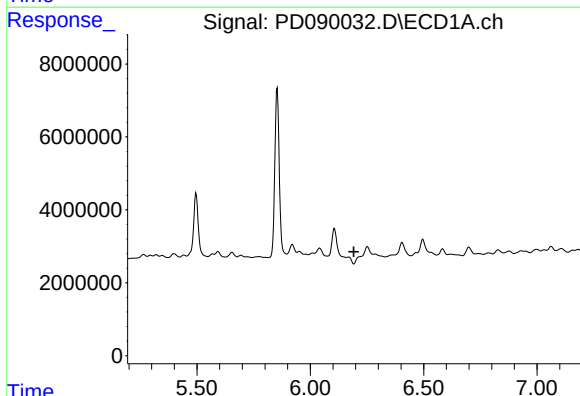
R.T.: 6.010 min
Delta R.T.: -0.014 min
Response: 542595
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



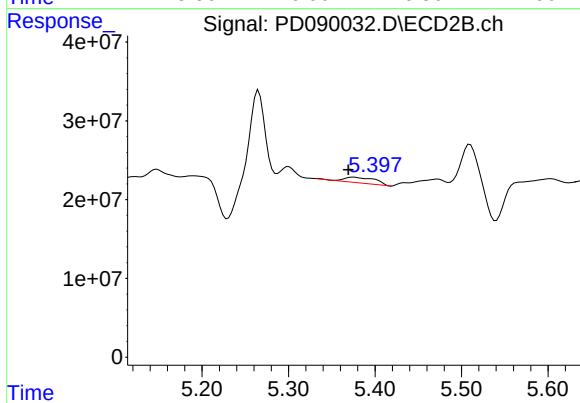
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.005 min
Response: 114092149
Conc: 4.00 ng/ml



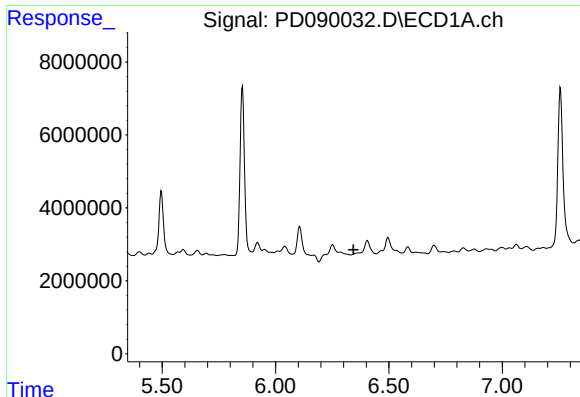
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.192 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

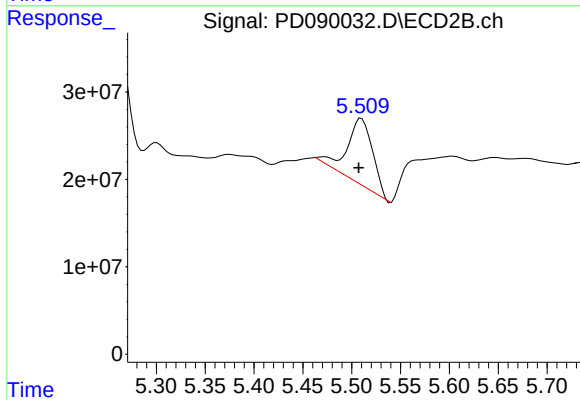
R.T.: 5.375 min
Delta R.T.: 0.006 min
Response: 16741398
Conc: 0.58 ng/ml



#13 Dieldrin

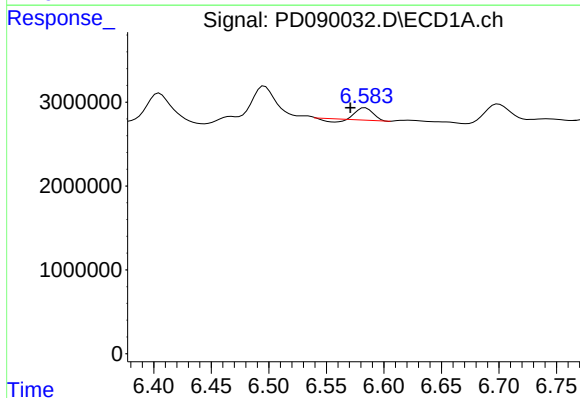
R.T.: 6.362 min
Delta R.T.: 0.019 min
Response: -545246
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



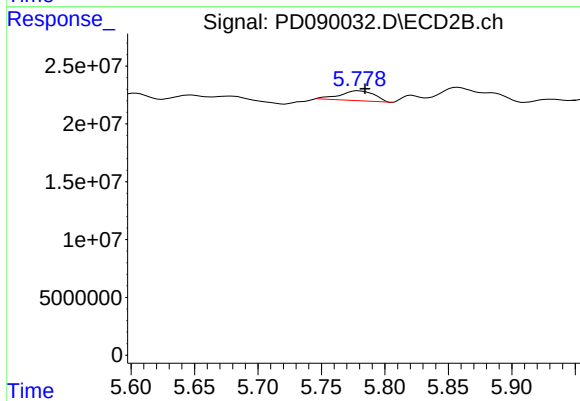
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: 0.003 min
Response: 138111275
Conc: 4.72 ng/ml



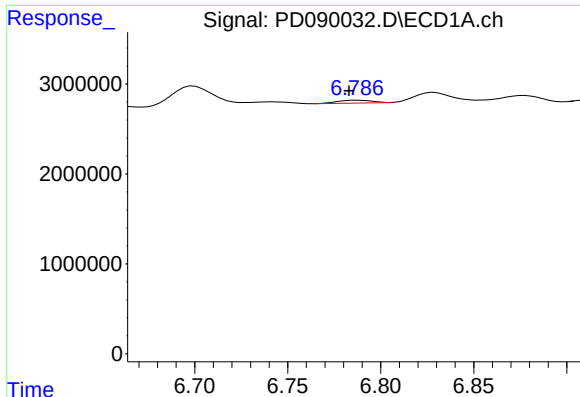
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.013 min
Response: 1314115
Conc: 0.32 ng/ml



#14 Endrin

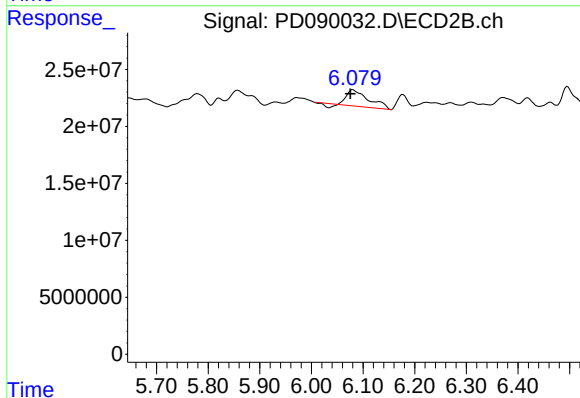
R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 16158083
Conc: 0.61 ng/ml



#15 Endosulfan II

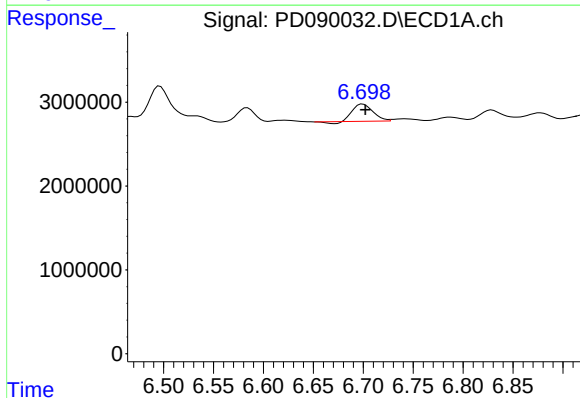
R.T.: 6.787 min
Delta R.T.: 0.004 min
Response: 411589
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



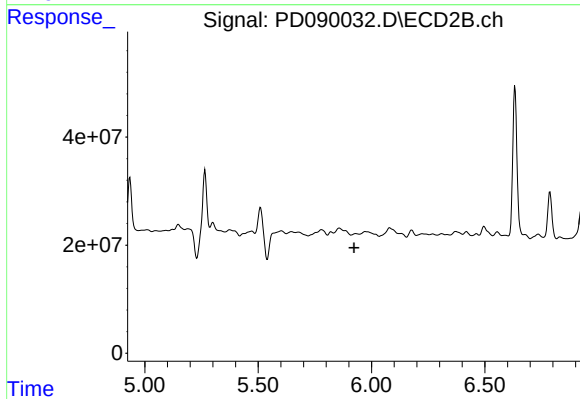
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 40461046
Conc: 1.60 ng/ml



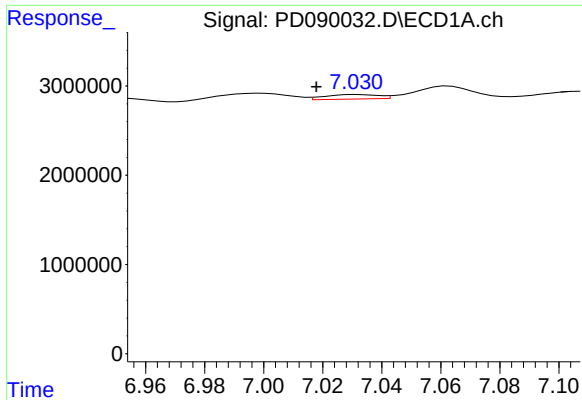
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 2807718
Conc: 0.81 ng/ml



#16 4,4'-DDD

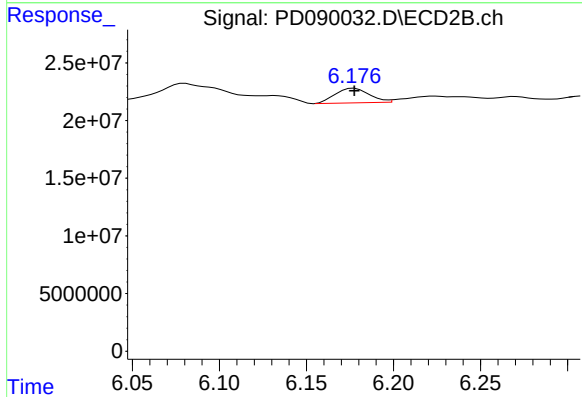
R.T.: 5.931 min
Delta R.T.: 0.007 min
Response: -6681404
Conc: N.D.



#17 4,4'-DDT

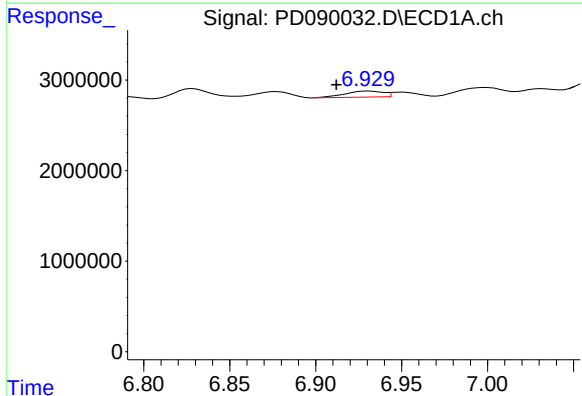
R.T.: 7.032 min
Delta R.T.: 0.014 min
Response: 638191
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



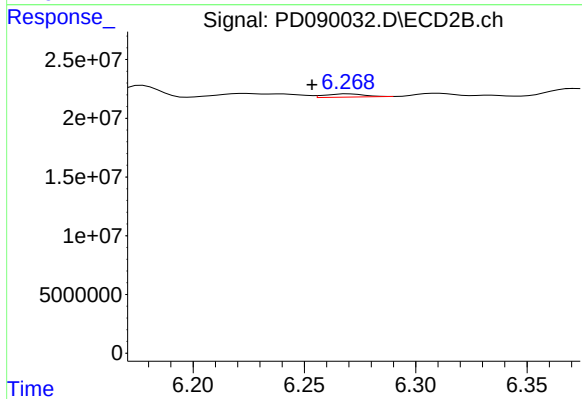
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 17221902
Conc: 0.69 ng/ml



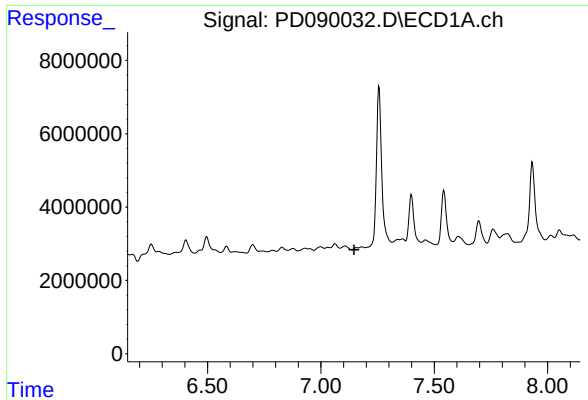
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.018 min
Response: 1032369
Conc: 0.36 ng/ml



#18 Endrin aldehyde

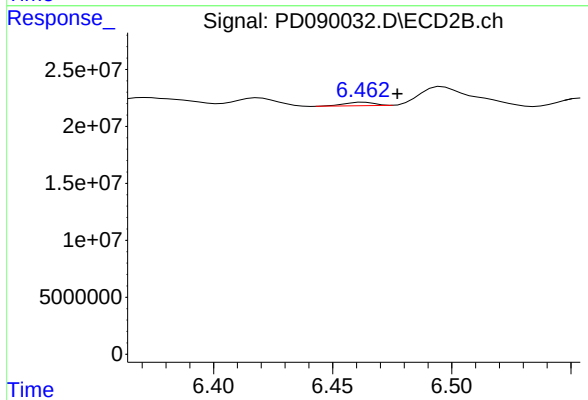
R.T.: 6.270 min
Delta R.T.: 0.017 min
Response: 3363283
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

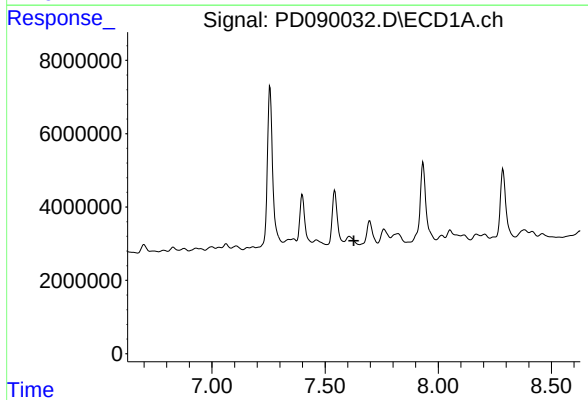
R.T.: 7.158 min
Delta R.T.: 0.011 min
Response: -478076
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



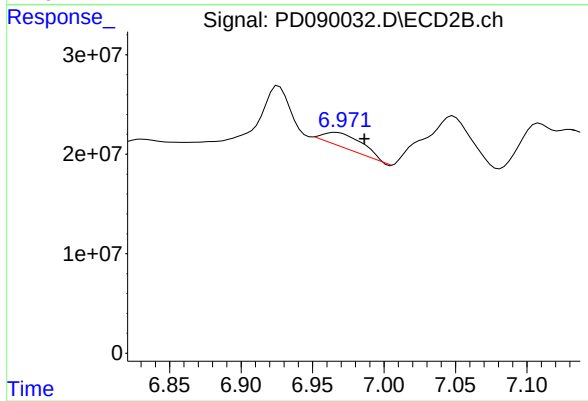
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.014 min
Response: 2632653
Conc: 0.11 ng/ml



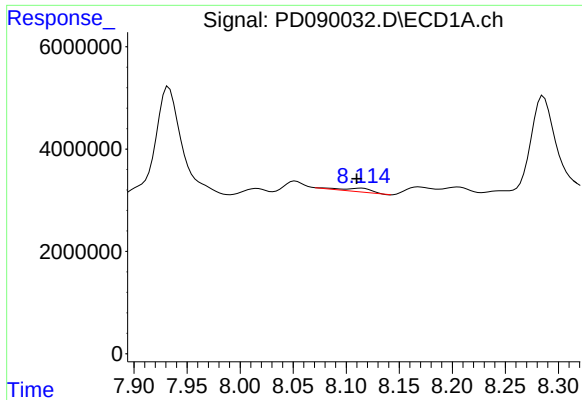
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.627 min
Response: 0
Conc: N.D.



#21 Endrin ketone

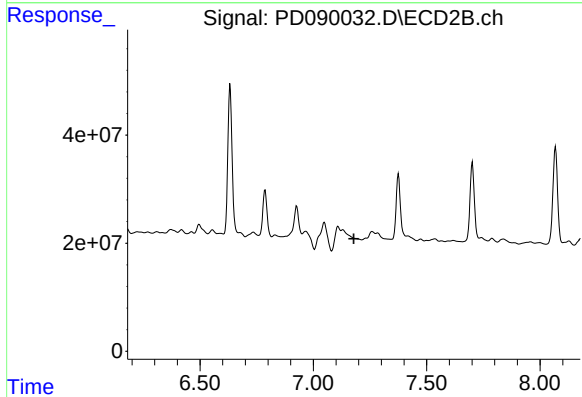
R.T.: 6.966 min
Delta R.T.: -0.020 min
Response: 27959124
Conc: 1.05 ng/ml



#22 Mirex

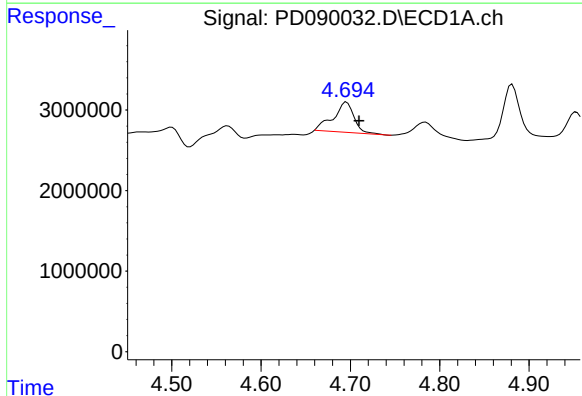
R.T.: 8.114 min
Delta R.T.: 0.004 min
Response: 1384936
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



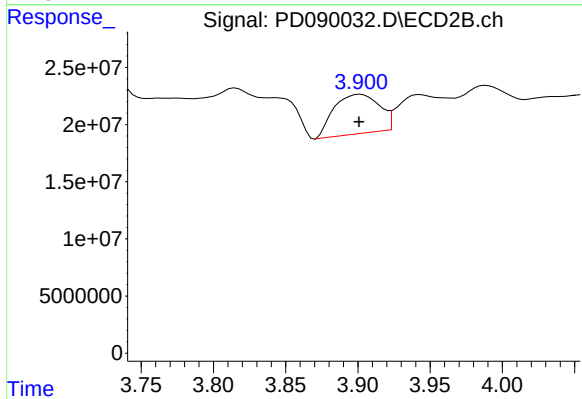
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



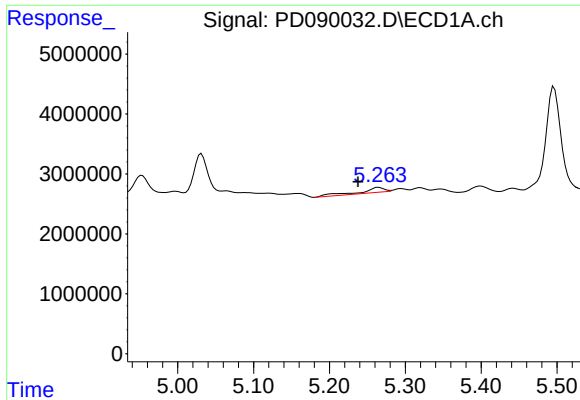
#23 Chlordane-1

R.T.: 4.696 min
Delta R.T.: -0.014 min
Response: 6055309
Conc: 35.26 ng/ml



#23 Chlordane-1

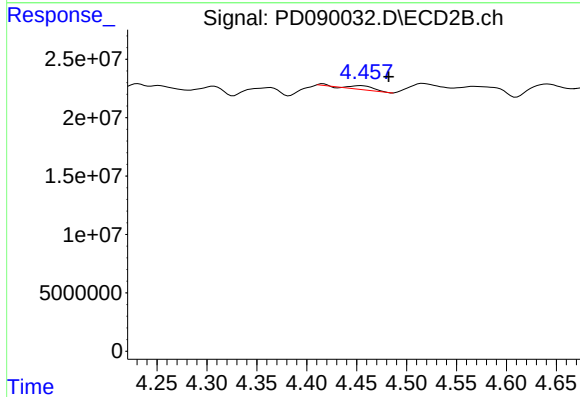
R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 74849267
Conc: 84.20 ng/ml



#24 Chlordane-2

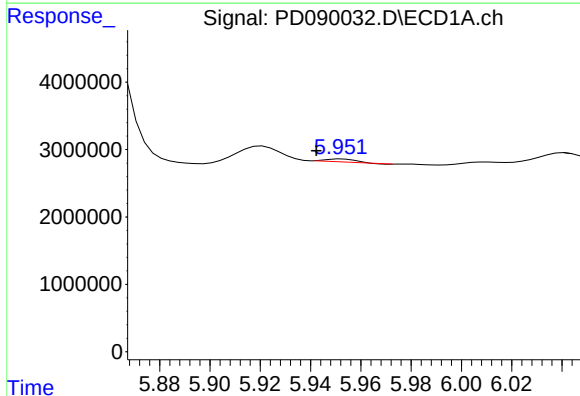
R.T.: 5.265 min
Delta R.T.: 0.027 min
Response: 1925498
Conc: 10.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



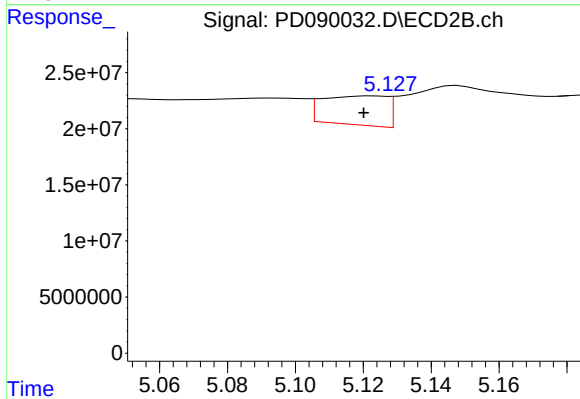
#24 Chlordane-2

R.T.: 4.455 min
Delta R.T.: -0.027 min
Response: 5474342
Conc: 5.71 ng/ml



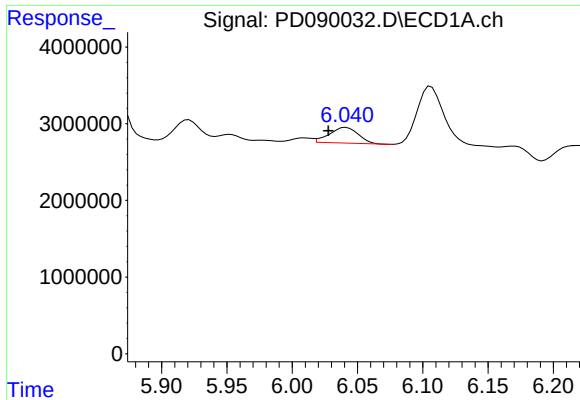
#25 Chlordane-3

R.T.: 5.952 min
Delta R.T.: 0.010 min
Response: 355910
Conc: 0.52 ng/ml



#25 Chlordane-3

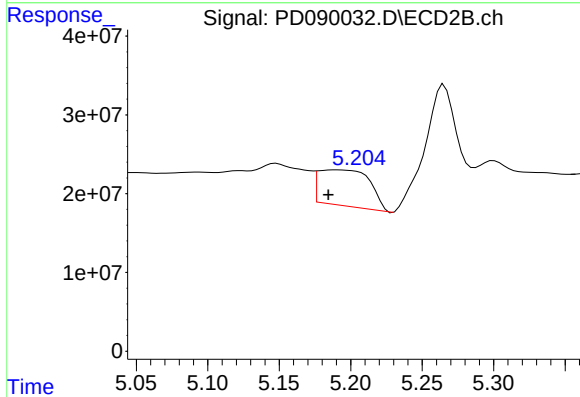
R.T.: 5.123 min
Delta R.T.: 0.003 min
Response: 34097830
Conc: 12.31 ng/ml



#26 Chlordane-4

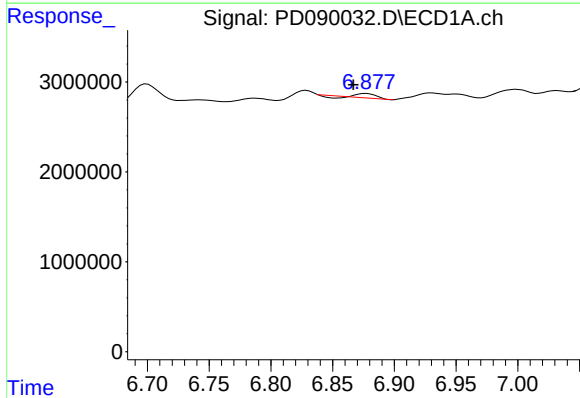
R.T.: 6.041 min
Delta R.T.: 0.014 min
Response: 3142401
Conc: 3.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



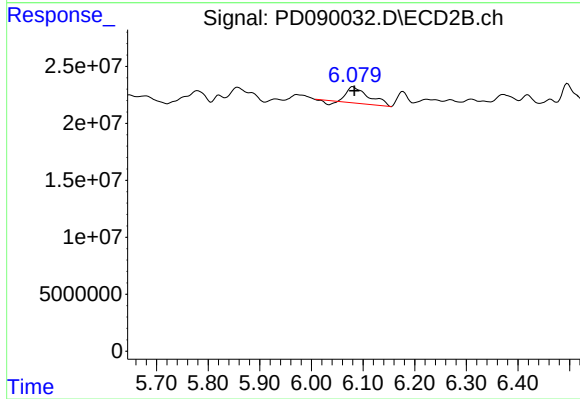
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: 0.006 min
Response: 114092149
Conc: 47.40 ng/ml



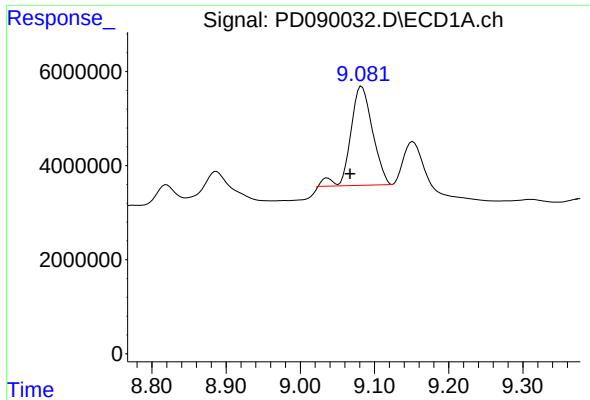
#27 Chlordane-5

R.T.: 6.877 min
Delta R.T.: 0.011 min
Response: 390785
Conc: 2.79 ng/ml



#27 Chlordane-5

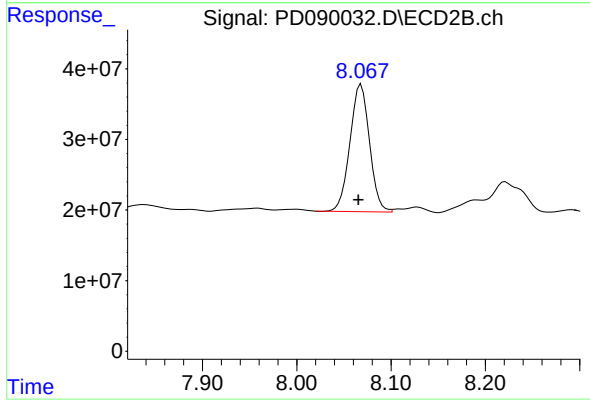
R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 40461046
Conc: 36.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.016 min
Response: 42278222
Conc: 9.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.003 min
Response: 260168759
Conc: 10.05 ng/ml