

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
 Data File : PD091304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2025 11:40
 Operator : AR\AJ
 Sample : Q3483-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HW1025-PT-CHLOR-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 22:45:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.543	2.871	102.7E6	795.0E6	29.786	21.703 #
28)	SA Decachlor...	9.061	8.055	130.6E6	899.4E6	26.206	22.727
Target Compounds							
2)	A alpha-BHC	4.014f	3.368f	3761664	9972358	0.470	0.158 #
3)	MA gamma-BHC...	4.350f	3.708	134971	7993558	0.018	0.138 #
4)	MA Heptachlor	4.920	4.070	91239045	623.3E6	12.740	11.289
5)	MB Aldrin	5.233f	4.371	48061709	52423648	6.623	0.929 #
6)	B beta-BHC	4.491f	4.025	5789688	18881631	1.993	0.786 #
7)	B delta-BHC	4.769	4.249	20179796	36699631	2.715	0.628 #
8)	B Heptachlo...	5.662f	4.861	30194817	43432116	4.648	0.852 #
9)	A Endosulfan I	0.000	5.256f	0	13562398	N.D.	0.283 #
10)	B gamma-Chl...	5.938	5.112	175.2E6	1266.7E6	26.955	23.187
11)	B alpha-Chl...	6.022	5.176	209.1E6	1100.7E6	30.376	21.033 #
12)	B 4,4'-DDE	6.187	5.361	27057844	307.1E6	4.666	5.747
13)	MA Dieldrin	6.336	5.491	6402178	-4664005	0.990	N.D. #
14)	MA Endrin	0.000	5.778	0	75803470	N.D.	1.677 #
15)	B Endosulfa...	6.761f	6.076	1939702	361.9E6	0.349	7.753 #
16)	A 4,4'-DDD	6.719f	5.922	4602486	-41745334	0.937	N.D. #
17)	MA 4,4'-DDT	7.013	6.169	4516936	54616660	1.092	1.396 #
18)	B Endrin al...	6.933f	6.229f	5995136	25091187	1.439	0.711 #
20)	A Methoxychlor	7.478	6.725f	1112354	67708229	0.512	3.377 #
21)	B Endrin ke...	7.606f	6.957f	2725512	56726867	0.484	1.113 #
22)	Mirex	8.081f	0.000	1823642	0	0.513	N.D. #
23)	Chlordane-1	4.706	3.892	47853881	296.5E6	194.483	172.361
24)	Chlordane-2	5.233	4.474	48061709	436.1E6	194.637	249.079 #
25)	Chlordane-3	5.938	5.112	175.2E6	1266.7E6	181.611	220.153
26)	Chlordane-4	6.022	5.176	209.1E6	1100.7E6	174.054	230.094 #
27)	Chlordane-5	6.862	6.076	33947282	361.9E6	171.822	178.347

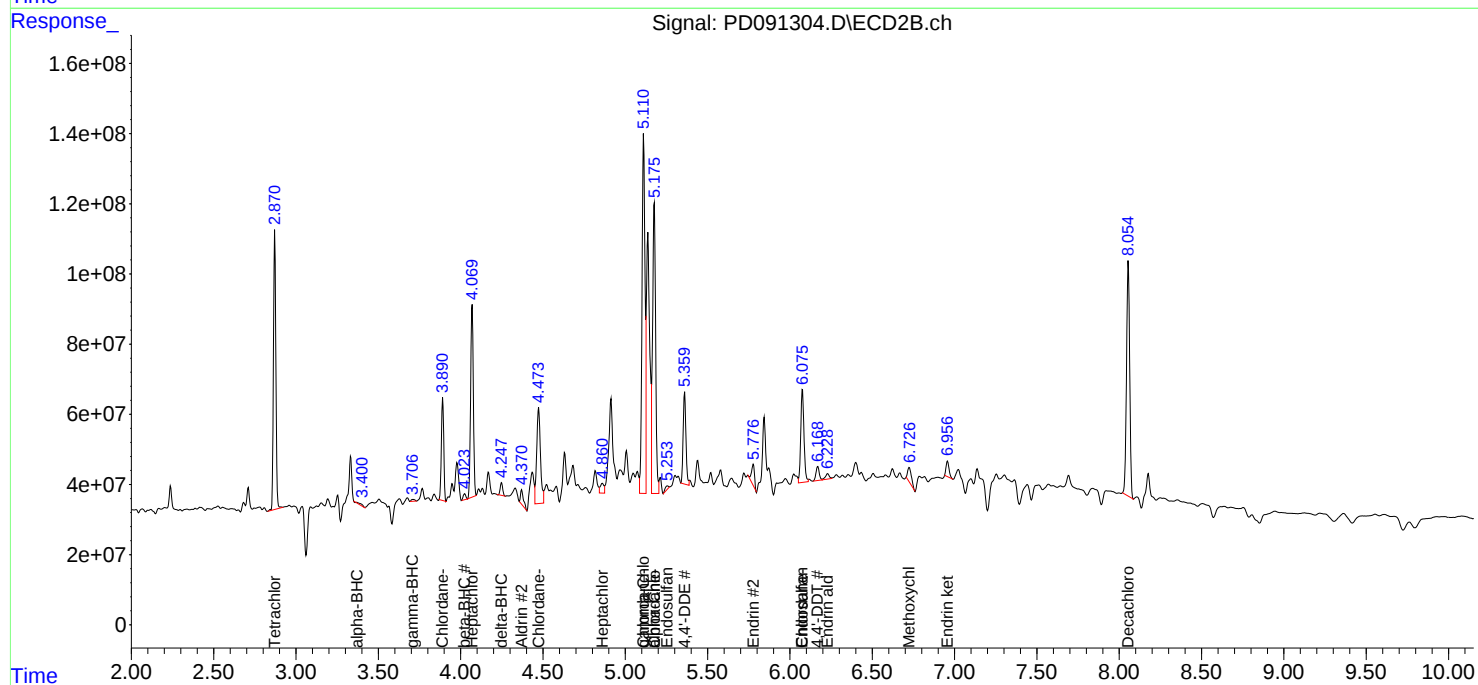
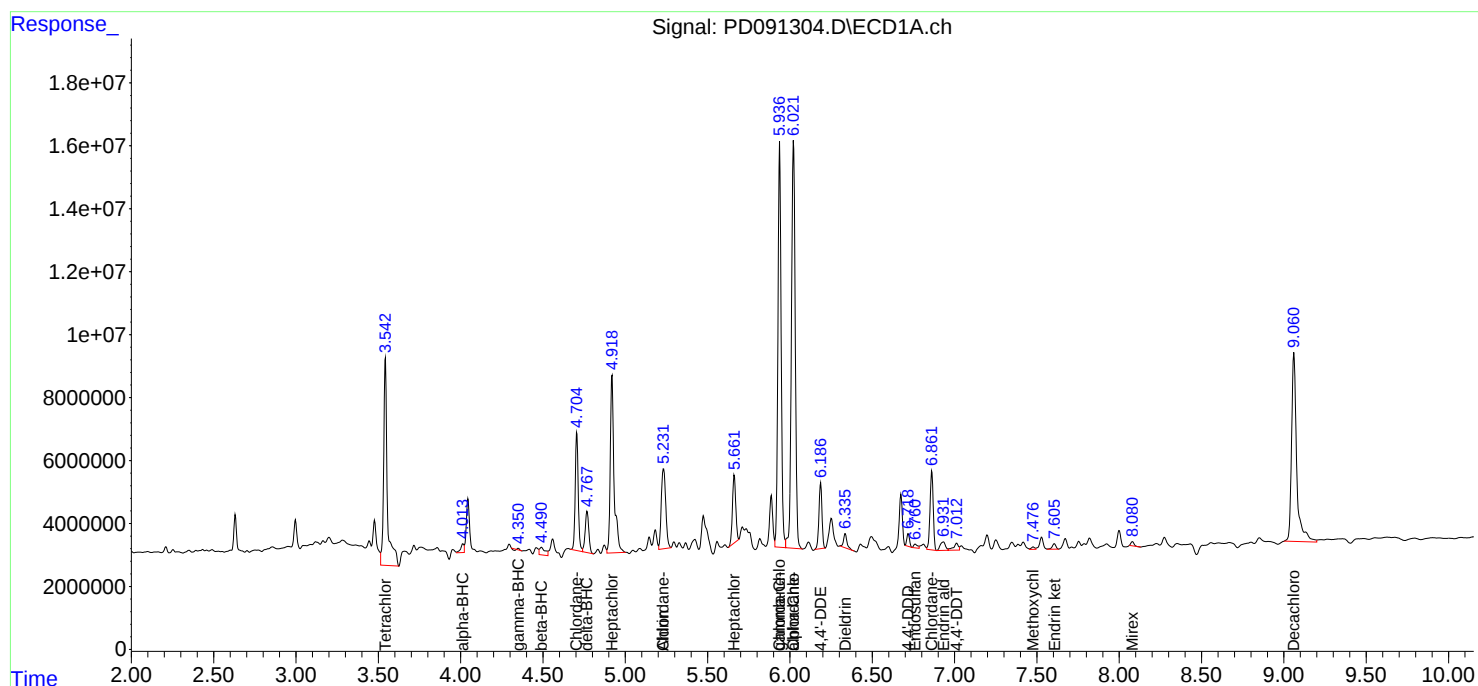
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

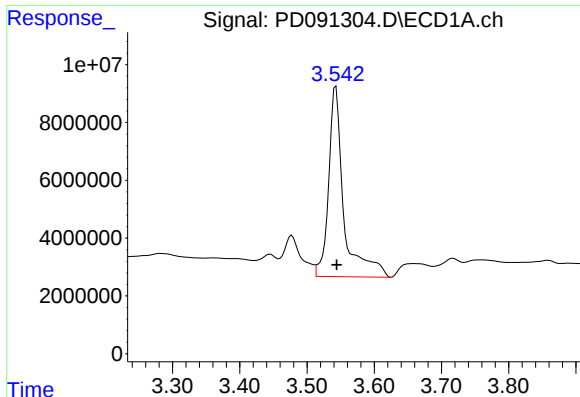
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
Data File : PD091304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 11:40
Operator : AR\AJ
Sample : Q3483-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 22:45:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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

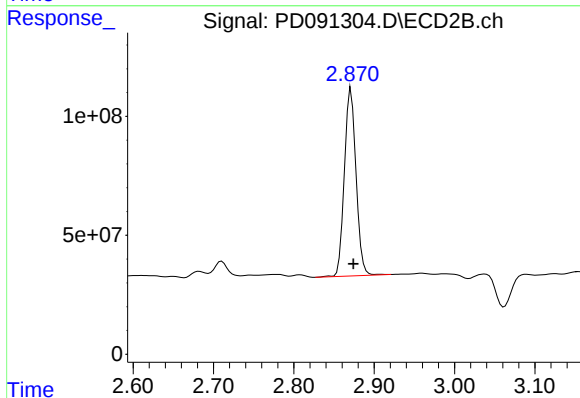




#1 Tetrachloro-m-xylene

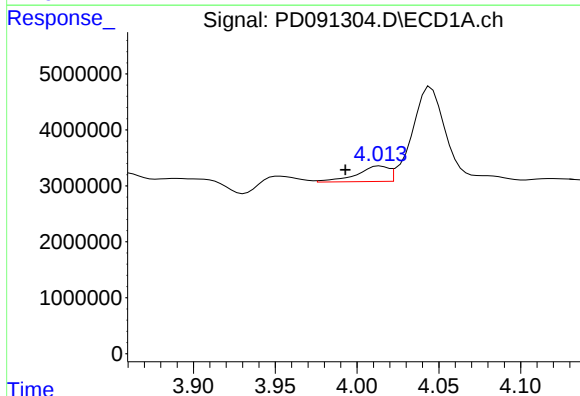
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 102720575
Conc: 29.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



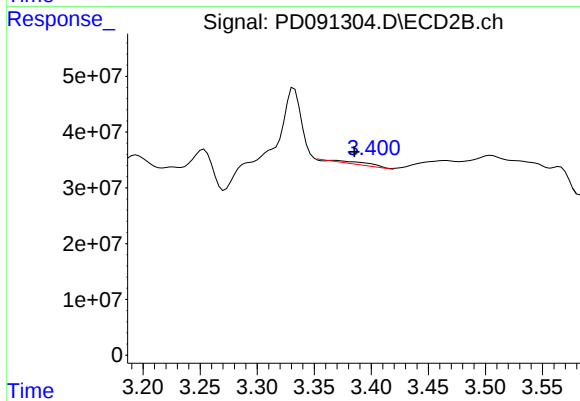
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 795001248
Conc: 21.70 ng/ml



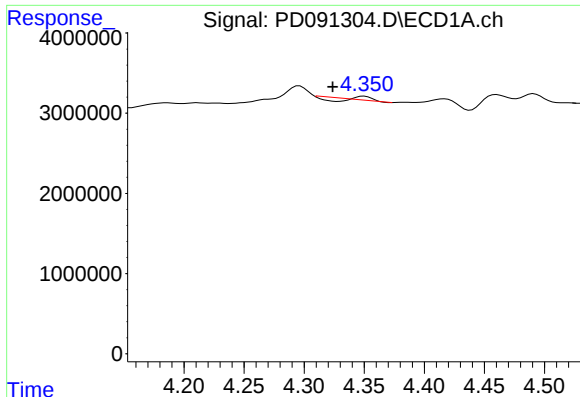
#2 alpha-BHC

R.T.: 4.014 min
Delta R.T.: 0.021 min
Response: 3761664
Conc: 0.47 ng/ml



#2 alpha-BHC

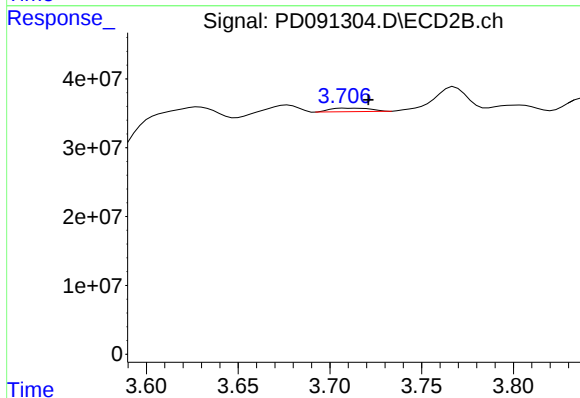
R.T.: 3.368 min
Delta R.T.: -0.017 min
Response: 9972358
Conc: 0.16 ng/ml



#3 gamma-BHC (Lindane)

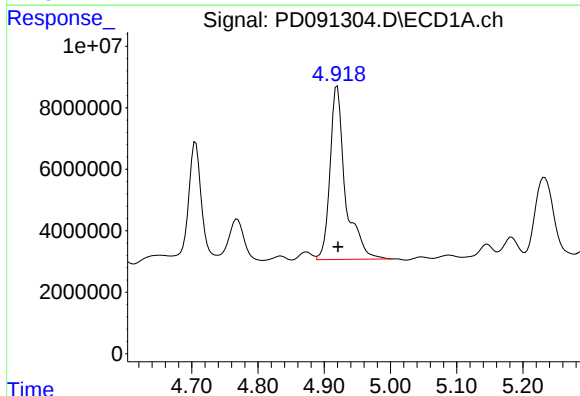
R.T.: 4.350 min
Delta R.T.: 0.027 min
Response: 134971
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



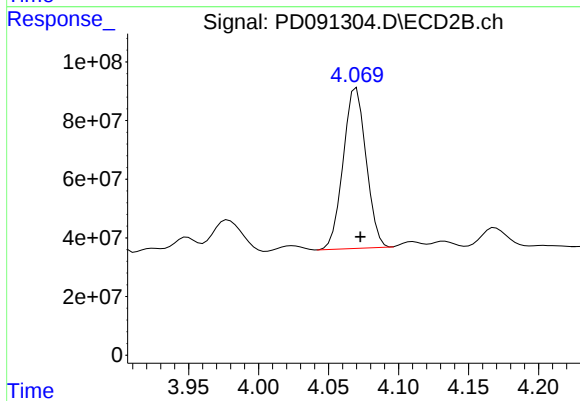
#3 gamma-BHC (Lindane)

R.T.: 3.708 min
Delta R.T.: -0.013 min
Response: 7993558
Conc: 0.14 ng/ml



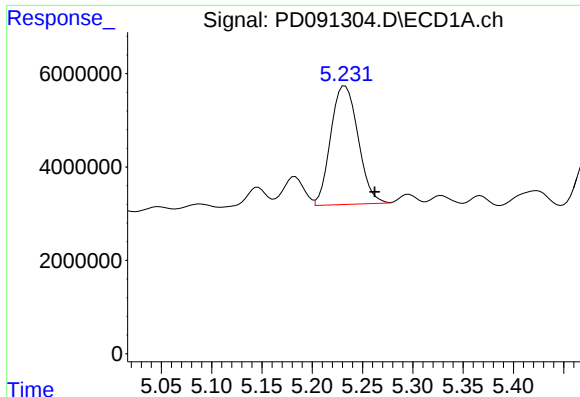
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 91239045
Conc: 12.74 ng/ml



#4 Heptachlor

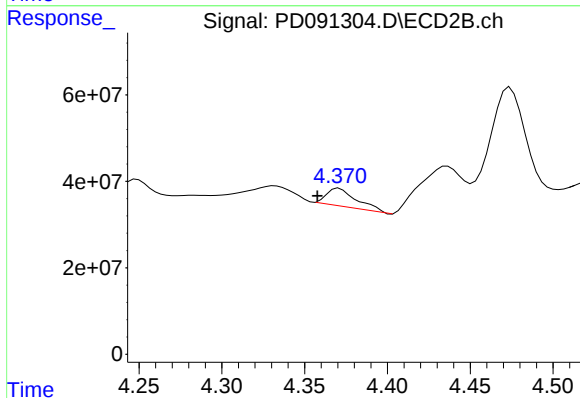
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 623256102
Conc: 11.29 ng/ml



#5 Aldrin

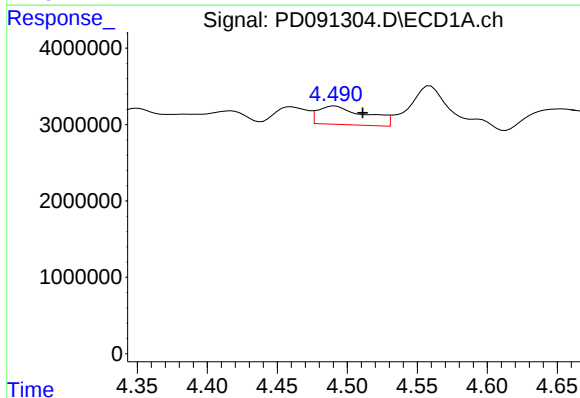
R.T.: 5.233 min
Delta R.T.: -0.030 min
Response: 48061709
Conc: 6.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
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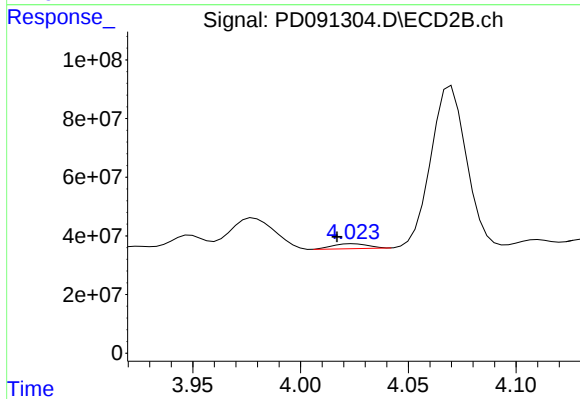
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: 0.013 min
Response: 52423648
Conc: 0.93 ng/ml



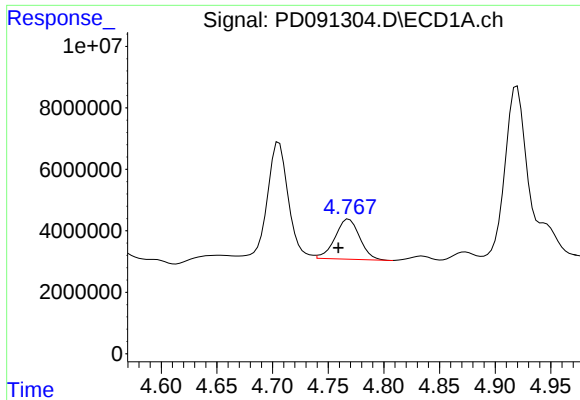
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.020 min
Response: 5789688
Conc: 1.99 ng/ml



#6 beta-BHC

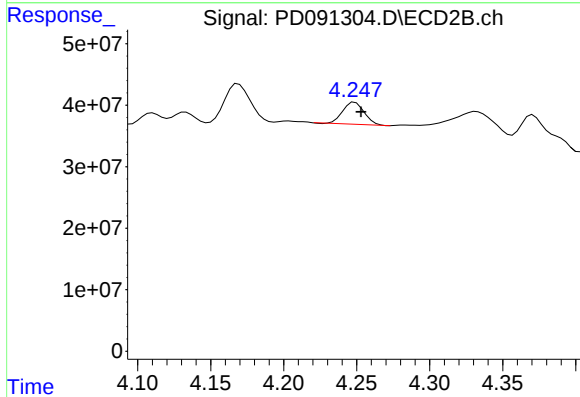
R.T.: 4.025 min
Delta R.T.: 0.008 min
Response: 18881631
Conc: 0.79 ng/ml



#7 delta-BHC

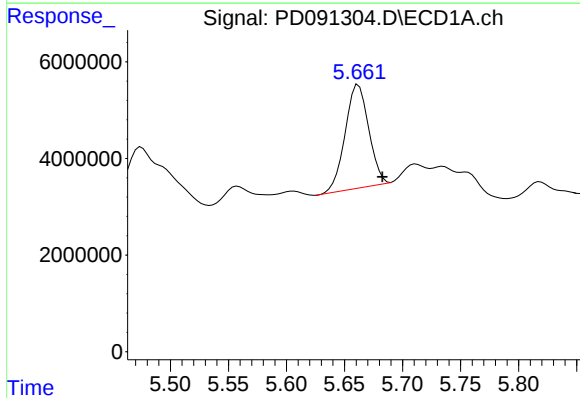
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 20179796
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
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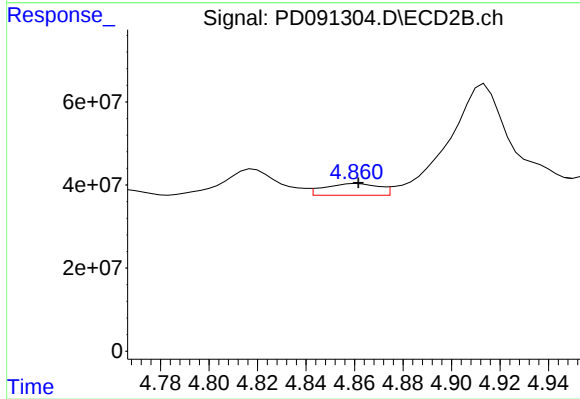
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: -0.004 min
Response: 36699631
Conc: 0.63 ng/ml



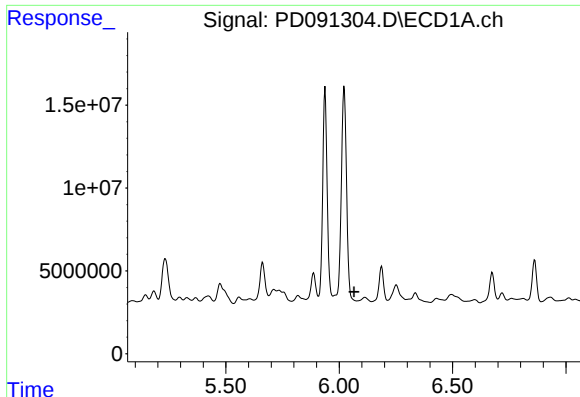
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.021 min
Response: 30194817
Conc: 4.65 ng/ml



#8 Heptachlor epoxide

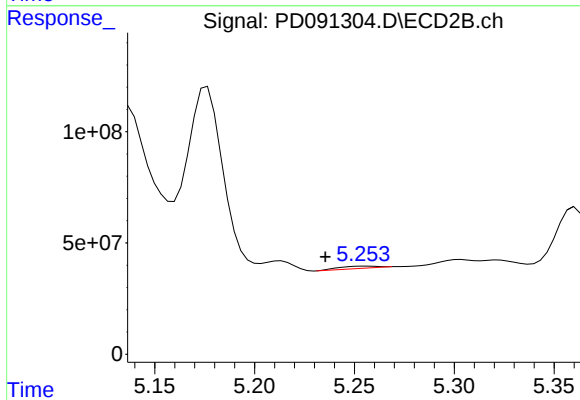
R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 43432116
Conc: 0.85 ng/ml



#9 Endosulfan I

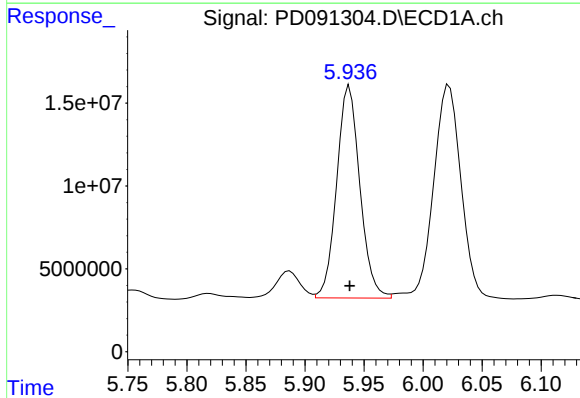
R.T.: 0.000 min
Exp R.T.: 6.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



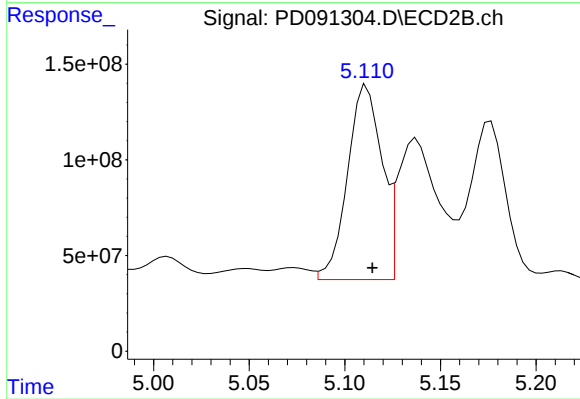
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: 0.020 min
Response: 13562398
Conc: 0.28 ng/ml



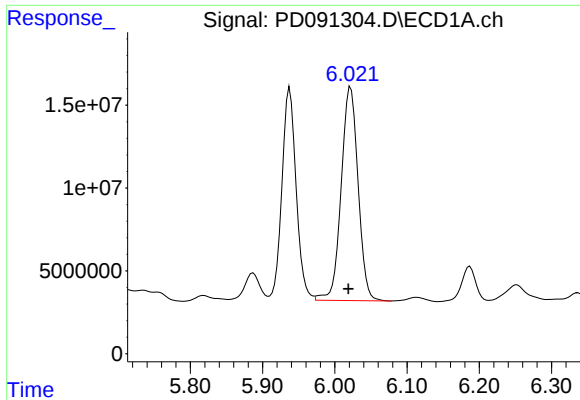
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 175226746
Conc: 26.95 ng/ml



#10 gamma-Chlordane

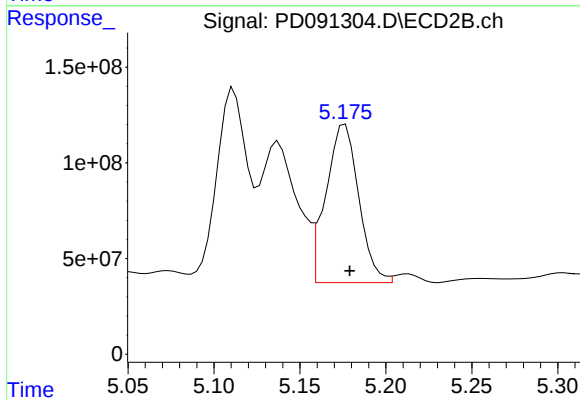
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 1266667000
Conc: 23.19 ng/ml



#11 alpha-Chlordane

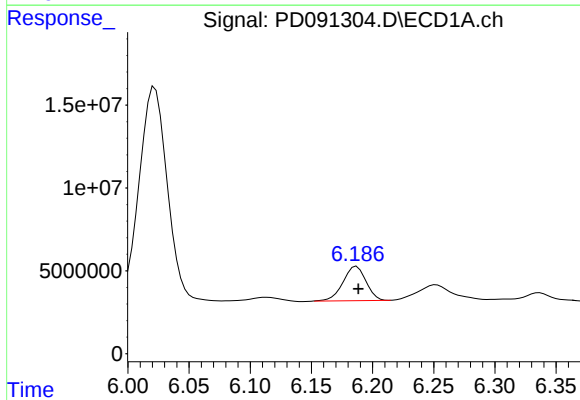
R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 209074263
Conc: 30.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



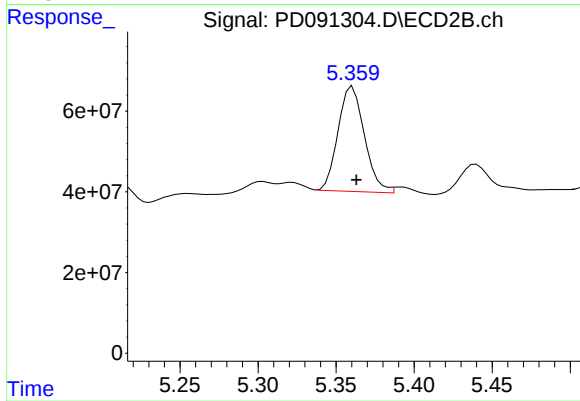
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 1100668421
Conc: 21.03 ng/ml



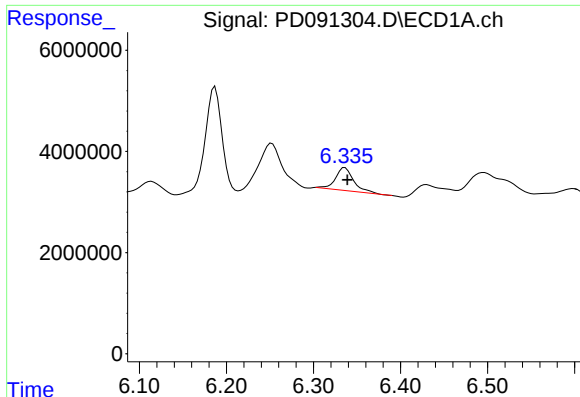
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 27057844
Conc: 4.67 ng/ml



#12 4,4'-DDE

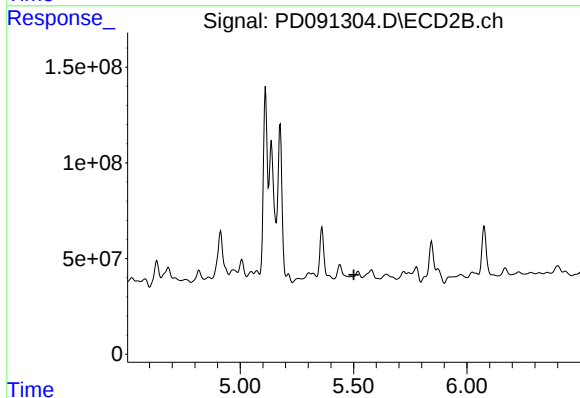
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 307124190
Conc: 5.75 ng/ml



#13 Dieldrin

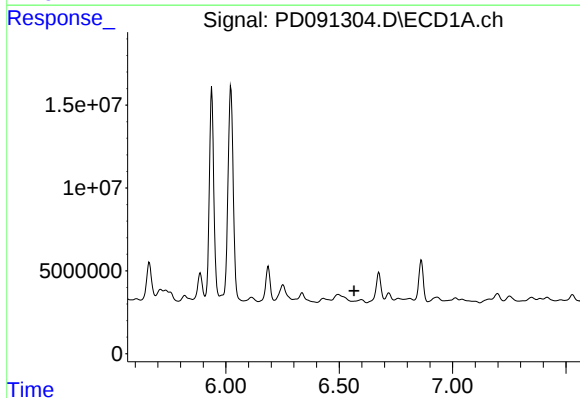
R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 6402178
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



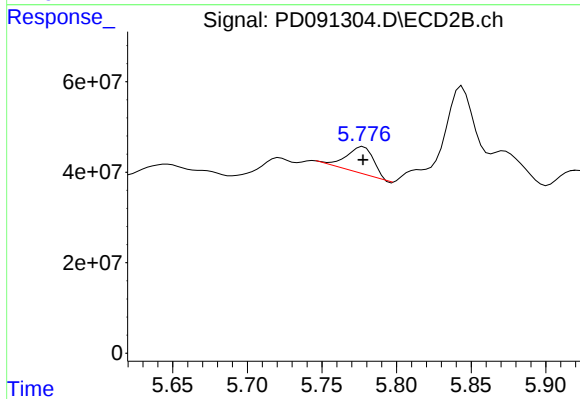
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.010 min
Response: -4664005
Conc: N.D.



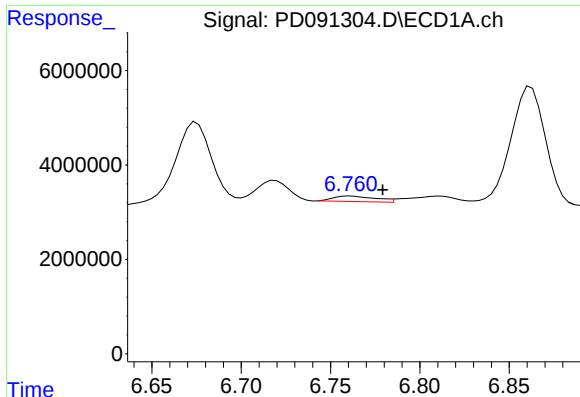
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.566 min
Response: 0
Conc: N.D.



#14 Endrin

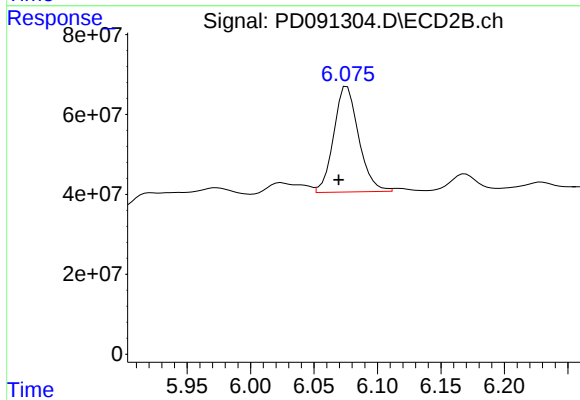
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 75803470
Conc: 1.68 ng/ml



#15 Endosulfan II

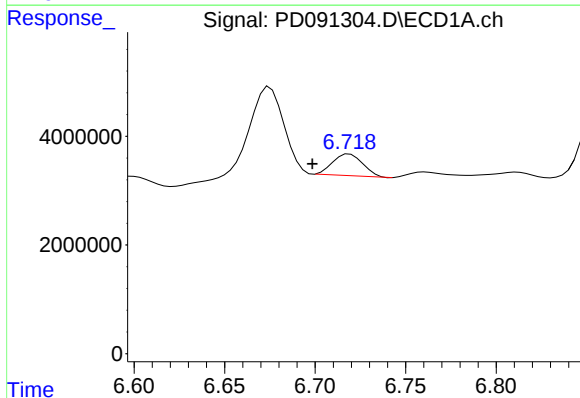
R.T.: 6.761 min
Delta R.T.: -0.018 min
Response: 1939702
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



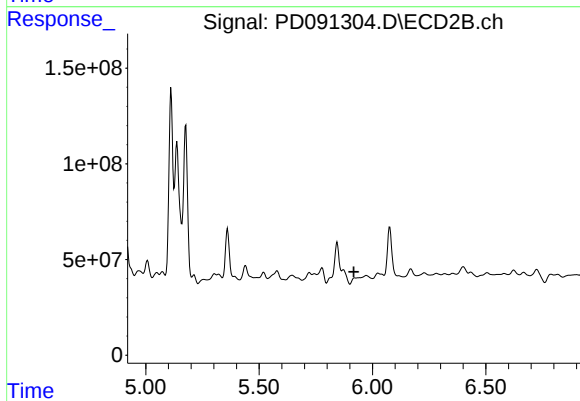
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.007 min
Response: 361901714
Conc: 7.75 ng/ml



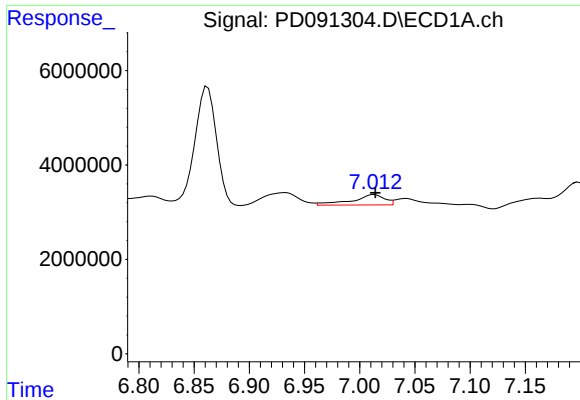
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.020 min
Response: 4602486
Conc: 0.94 ng/ml



#16 4,4'-DDD

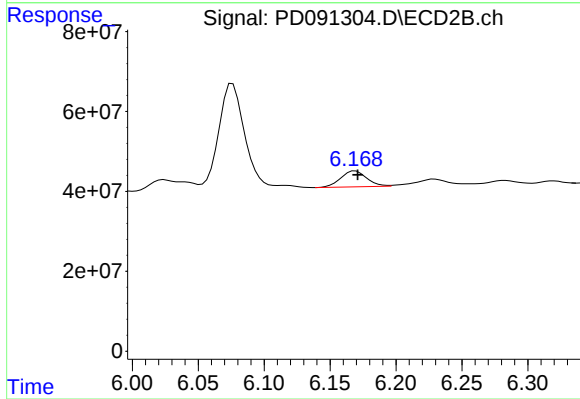
R.T.: 5.922 min
Delta R.T.: 0.004 min
Response: -41745334
Conc: N.D.



#17 4,4'-DDT

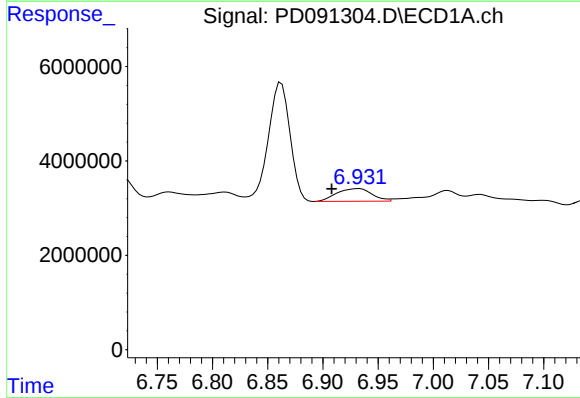
R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 4516936
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



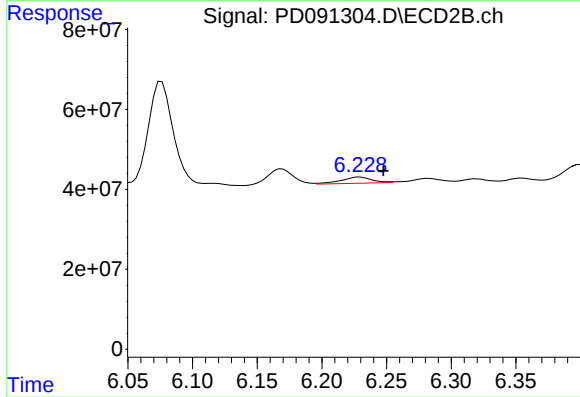
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 54616660
Conc: 1.40 ng/ml



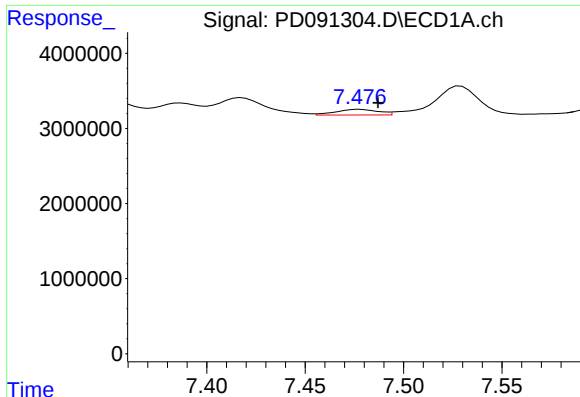
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.024 min
Response: 5995136
Conc: 1.44 ng/ml



#18 Endrin aldehyde

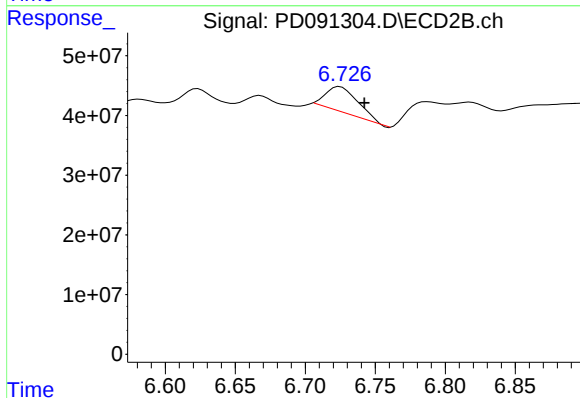
R.T.: 6.229 min
Delta R.T.: -0.018 min
Response: 25091187
Conc: 0.71 ng/ml



#20 Methoxychlor

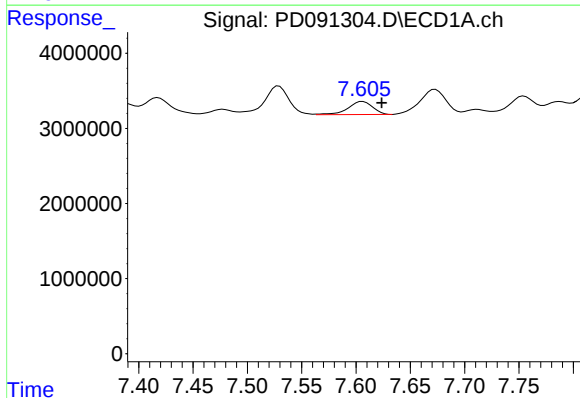
R.T.: 7.478 min
Delta R.T.: -0.009 min
Response: 1112354
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



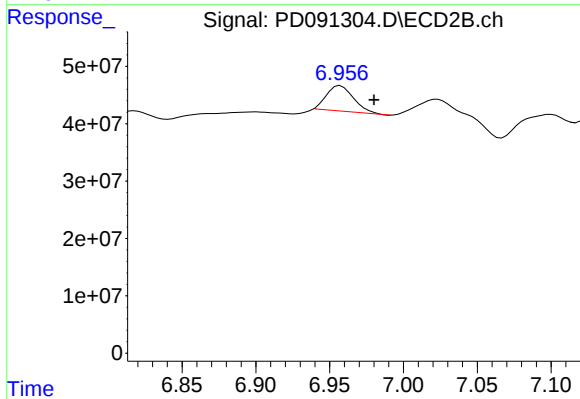
#20 Methoxychlor

R.T.: 6.725 min
Delta R.T.: -0.017 min
Response: 67708229
Conc: 3.38 ng/ml



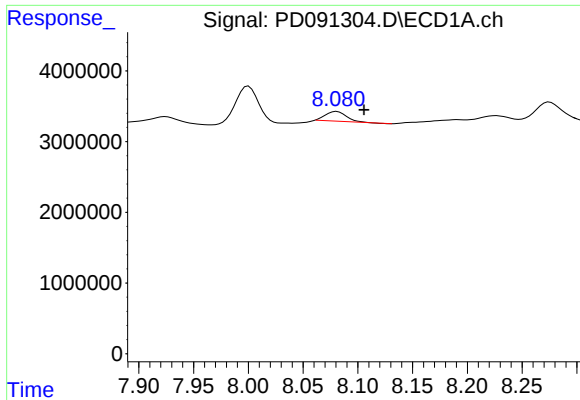
#21 Endrin ketone

R.T.: 7.606 min
Delta R.T.: -0.017 min
Response: 2725512
Conc: 0.48 ng/ml



#21 Endrin ketone

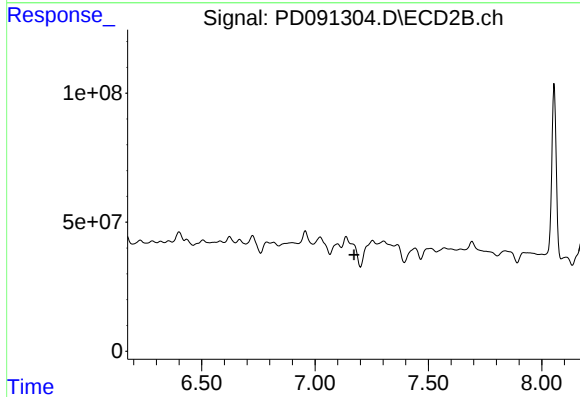
R.T.: 6.957 min
Delta R.T.: -0.023 min
Response: 56726867
Conc: 1.11 ng/ml



#22 Mirex

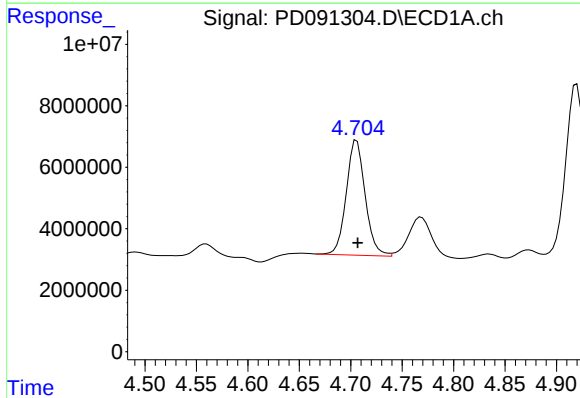
R.T.: 8.081 min
Delta R.T.: -0.025 min
Response: 1823642
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



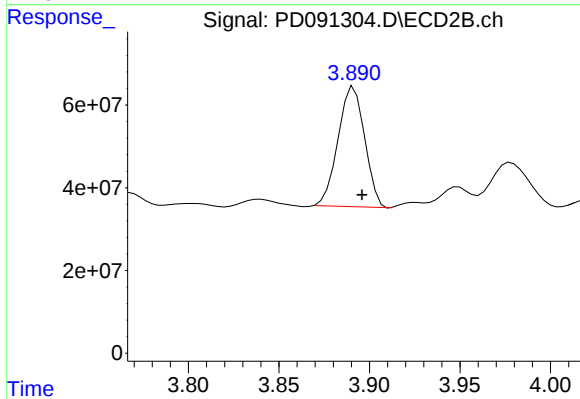
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



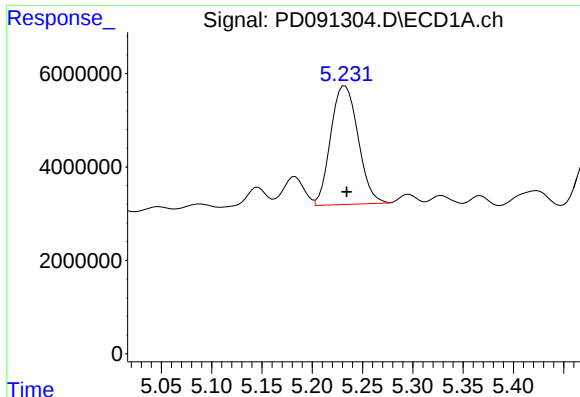
#23 Chlordane-1

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 47853881
Conc: 194.48 ng/ml



#23 Chlordane-1

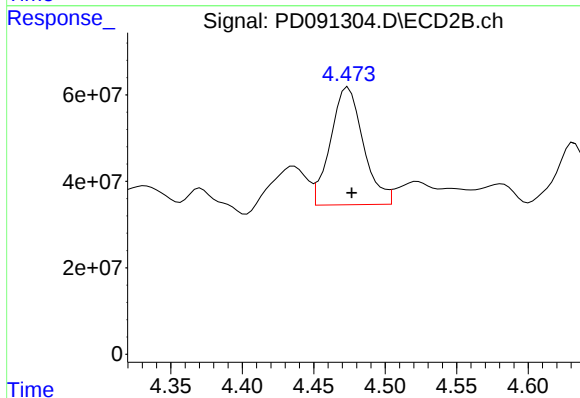
R.T.: 3.892 min
Delta R.T.: -0.004 min
Response: 296512250
Conc: 172.36 ng/ml



#24 Chlordane-2

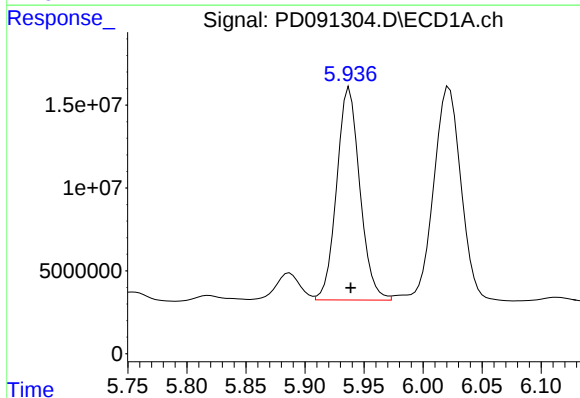
R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 48061709
Conc: 194.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



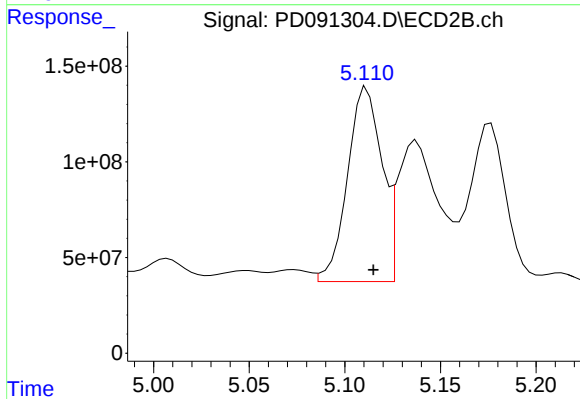
#24 Chlordane-2

R.T.: 4.474 min
Delta R.T.: -0.002 min
Response: 436145029
Conc: 249.08 ng/ml



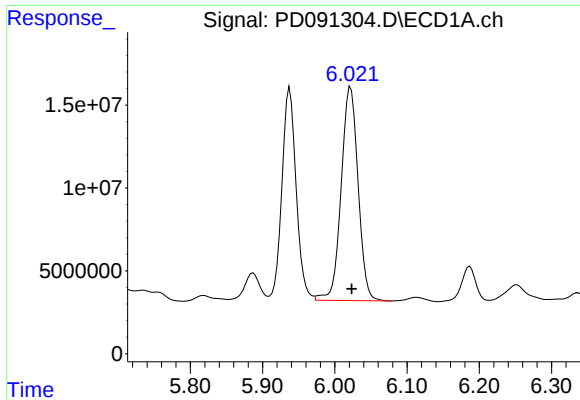
#25 Chlordane-3

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 175226746
Conc: 181.61 ng/ml



#25 Chlordane-3

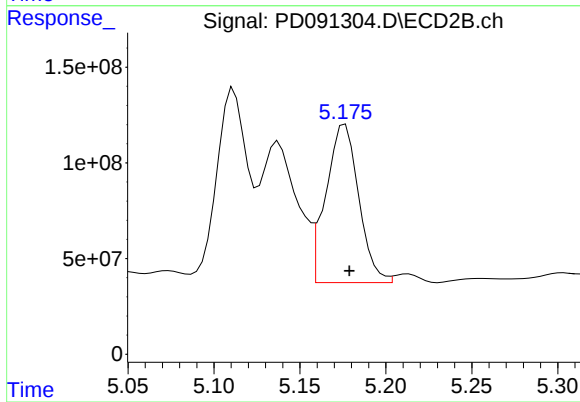
R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 1266667000
Conc: 220.15 ng/ml



#26 Chlordane-4

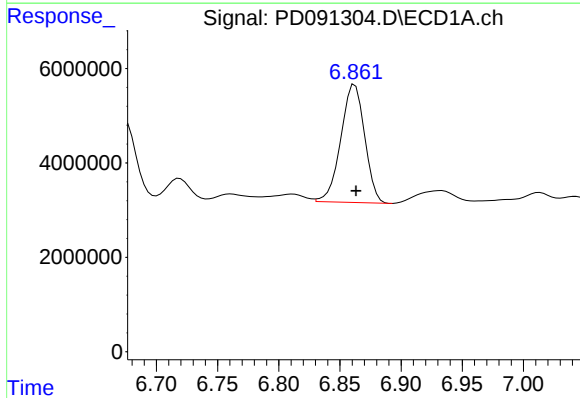
R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 209074263
Conc: 174.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



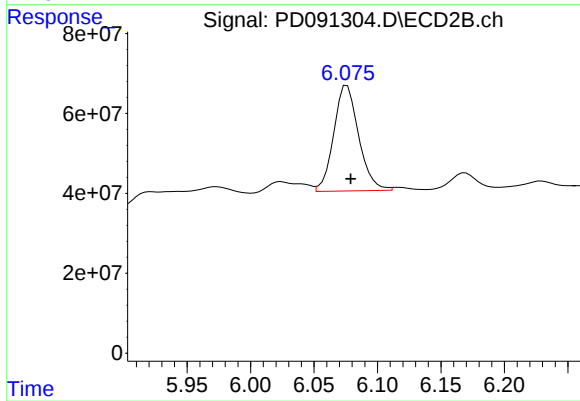
#26 Chlordane-4

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 1100668421
Conc: 230.09 ng/ml



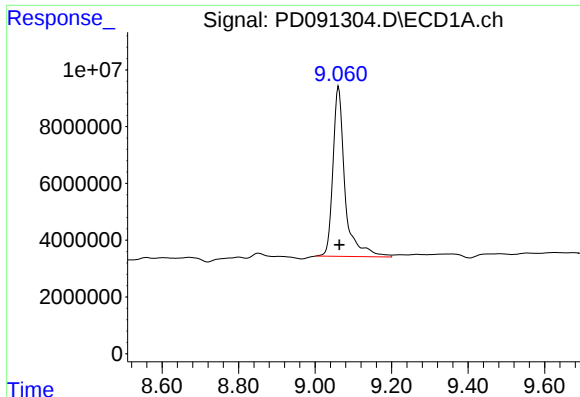
#27 Chlordane-5

R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 33947282
Conc: 171.82 ng/ml



#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 361901714
Conc: 178.35 ng/ml



#28 Decachlorobiphenyl

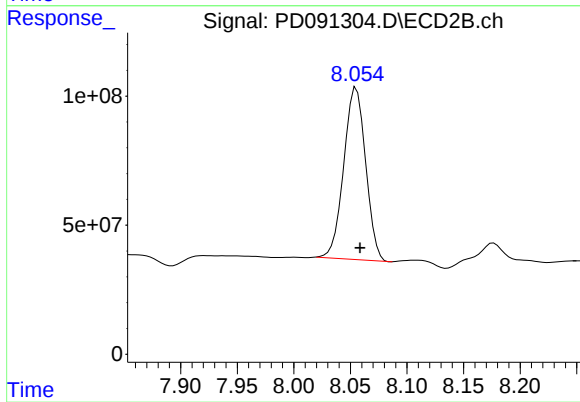
R.T.: 9.061 min

Delta R.T.: -0.002 min

Response: 130556105

Conc: 26.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-CHLOR-SOIL



#28 Decachlorobiphenyl

R.T.: 8.055 min

Delta R.T.: -0.003 min

Response: 899401067

Conc: 22.73 ng/ml