

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 15:52
 Operator : SG\AJ
 Sample : K5609-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:04:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.295	3.961	15077083	24676547	17.686	20.490
28)	SA Decachlor...	7.975	9.002	18809502	25040192	19.882	17.994
Target Compounds							
2)	A alpha-BHC	3.724	4.349	972.2E6	1310.2E6	765.432	743.426
3)	MA gamma-BHC...	3.999	4.631	198.1E6	281.8E6	165.336	164.186
4)	MA Heptachlor	4.286	5.139	863.3E6	1259.5E6	810.380	726.846
5)	MB Aldrin	4.526	5.442	877.1E6	1263.6E6	801.499	754.900
6)	B beta-BHC	4.249	4.800	280.6E6	424.8E6	556.780	534.399
7)	B delta-BHC	4.444	0.000	340531	0	0.296	N.D. #
8)	B Heptachlo...	4.963	5.827	1135.6E6	1621.9E6	1103.633	1004.326
9)	A Endosulfan I	5.294	6.182	618.3E6	936.1E6	634.280	596.003
10)	B gamma-Chl...	5.185	6.060	246.7E6	383.2E6	231.162	222.242
11)	B alpha-Chl...	5.242	6.132	198.1E6	306.8E6	187.685	178.611
12)	B 4,4'-DDE	5.412	6.290	1093.9E6	1660.2E6	1111.306	1037.960
13)	MA Dieldrin	5.535	6.438	1149.1E6	1699.3E6	1083.326	1005.704
14)	MA Endrin	5.788	6.655	856.5E6	1272.8E6	893.152	882.439
15)	B Endosulfa...	6.062	6.863	673.5E6	1054.4E6	694.934	678.886
16)	A 4,4'-DDD	5.923	6.777	602.6E6	980.9E6	749.579	717.850
17)	MA 4,4'-DDT	6.158	7.075	220.9E6	430.8E6	308.631	322.758
18)	B Endrin al...	6.230	6.987	562.3E6	870.2E6	672.881	648.951
19)	B Endosulfa...	6.440	7.209	225.7E6	378.8E6	252.004	260.365
20)	A Methoxychlor	6.706	7.532	80465532	154.3E6	205.355	192.921
21)	B Endrin ke...	6.925	7.679	1024.2E6	1497.7E6	978.776	902.891
22)	Mirex	7.094	0.000	380851	0	0.462	N.D. #
24)	Chlordane-2	0.000	5.442f	0	1263.6E6	N.D.	24054.407 #
25)	Chlordane-3	5.185	6.060	246.7E6	383.2E6	2565.089	1749.721 #
26)	Chlordane-4	5.242	6.132	198.1E6	306.8E6	2355.416	1166.489 #
27)	Chlordane-5	6.062	0.000	673.5E6	0	22182.729	N.D. #

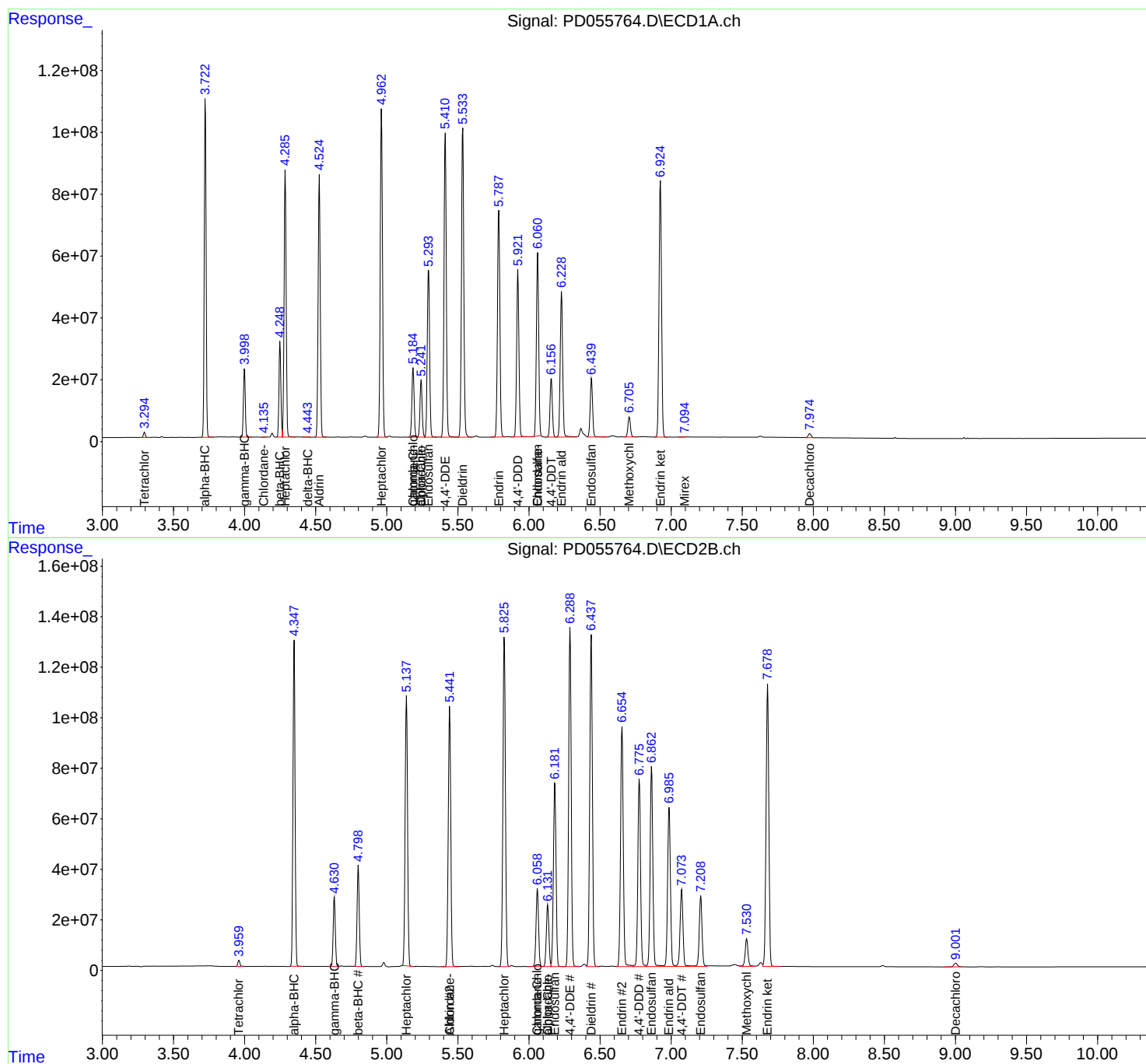
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

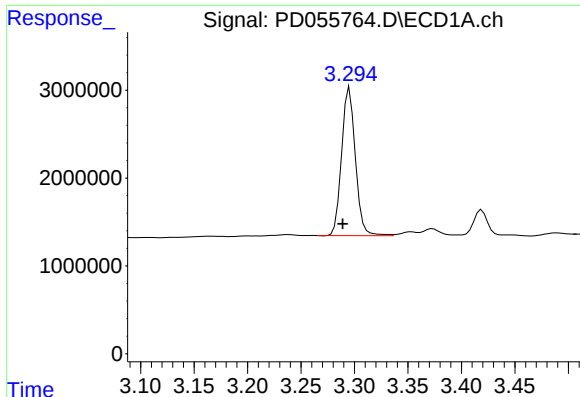
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 15:52
 Operator : SG\AJ
 Sample : K5609-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:04:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
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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

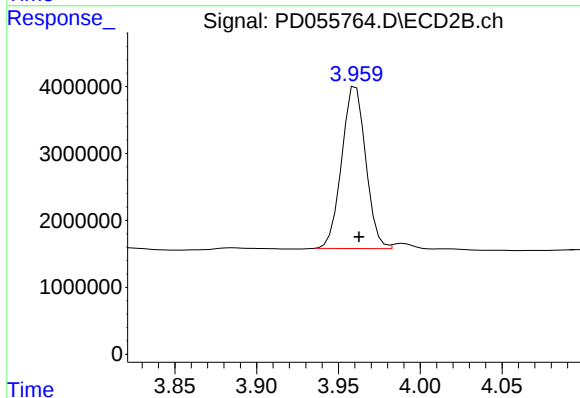




#1 Tetrachloro-m-xylene

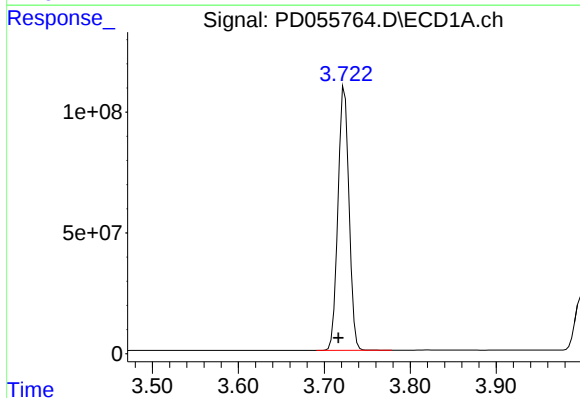
R.T.: 3.295 min
Delta R.T.: 0.006 min
Response: 15077083
Conc: 17.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



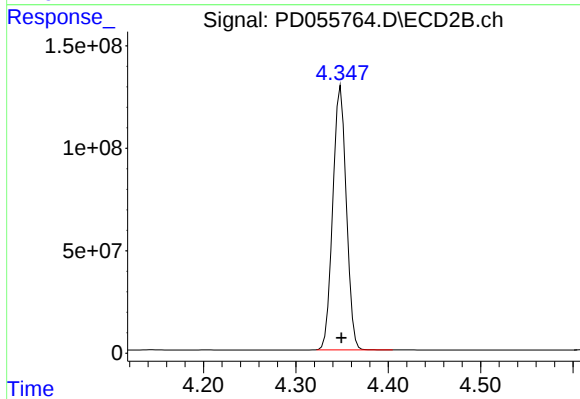
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 24676547
Conc: 20.49 ng/ml



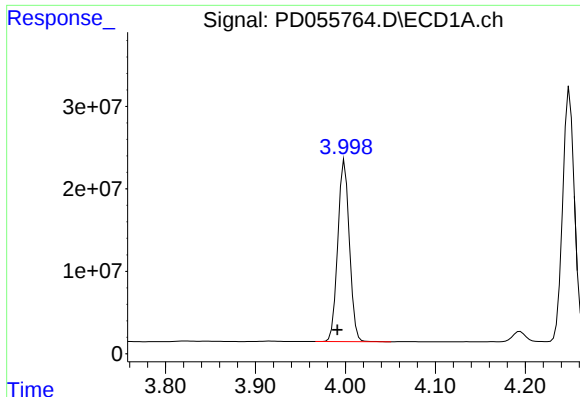
#2 alpha-BHC

R.T.: 3.724 min
Delta R.T.: 0.007 min
Response: 972176594
Conc: 765.43 ng/ml



#2 alpha-BHC

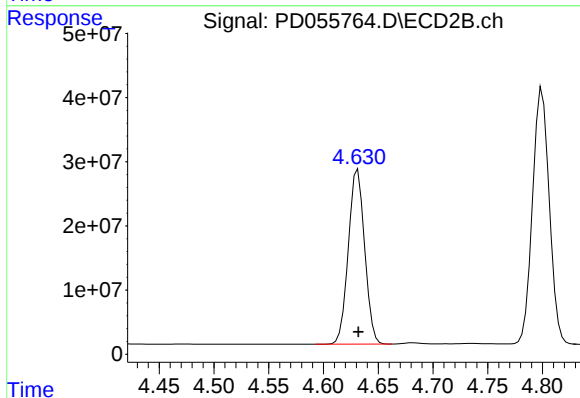
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1310247296
Conc: 743.43 ng/ml



#3 gamma-BHC (Lindane)

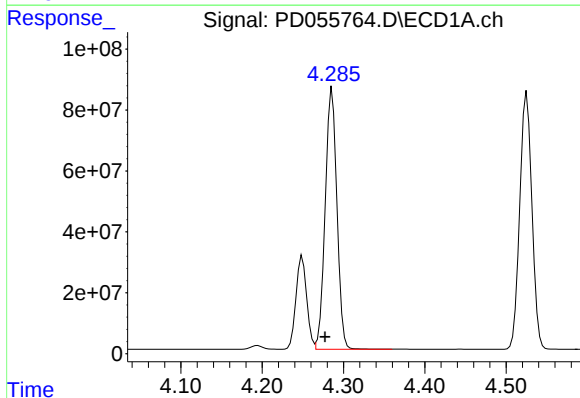
R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 198057541
Conc: 165.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



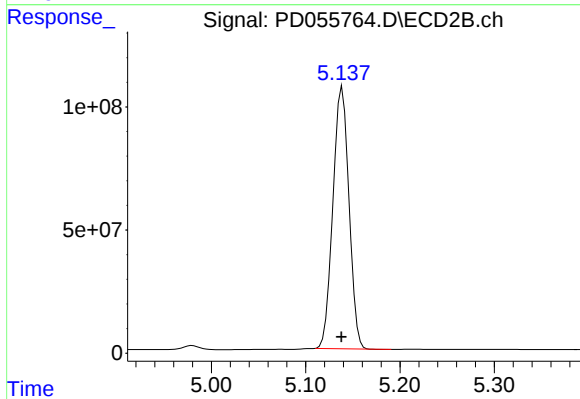
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 281839050
Conc: 164.19 ng/ml



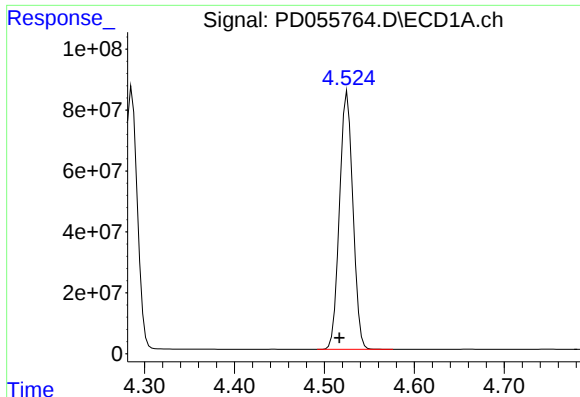
#4 Heptachlor

R.T.: 4.286 min
Delta R.T.: 0.009 min
Response: 863333293
Conc: 810.38 ng/ml



#4 Heptachlor

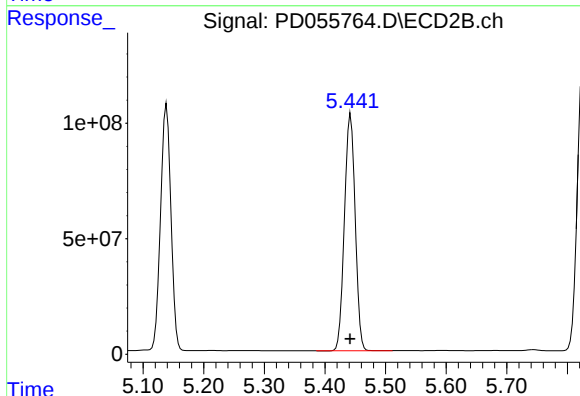
R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 1259457070
Conc: 726.85 ng/ml



#5 Aldrin

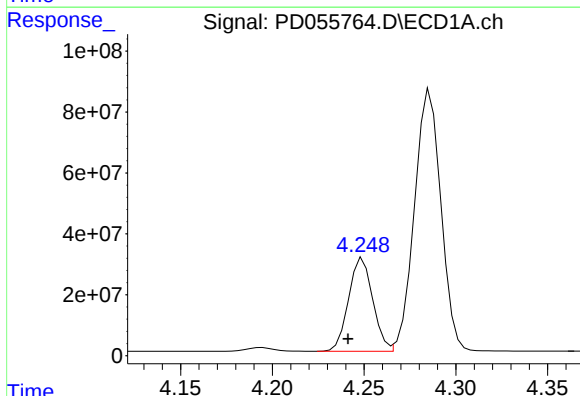
R.T.: 4.526 min
Delta R.T.: 0.009 min
Response: 877079300
Conc: 801.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



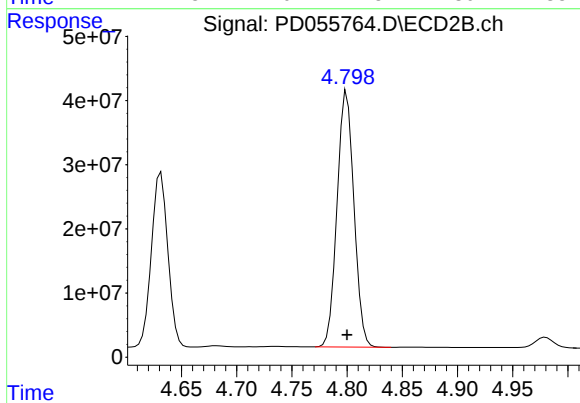
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1263572666
Conc: 754.90 ng/ml



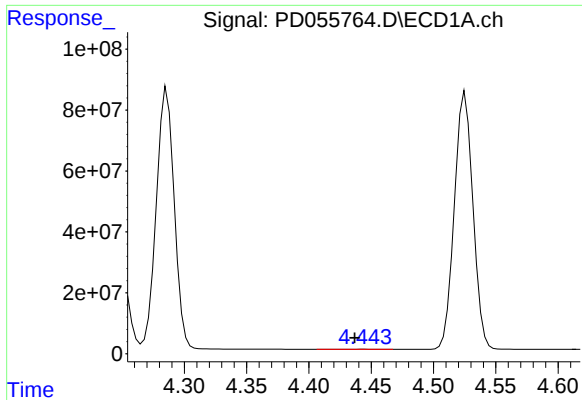
#6 beta-BHC

R.T.: 4.249 min
Delta R.T.: 0.008 min
Response: 280648604
Conc: 556.78 ng/ml



#6 beta-BHC

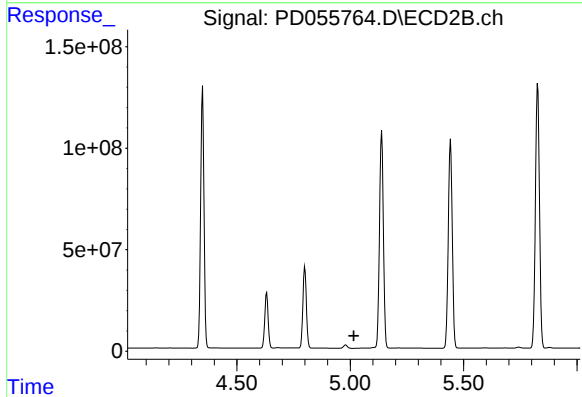
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 424763493
Conc: 534.40 ng/ml



#7 delta-BHC

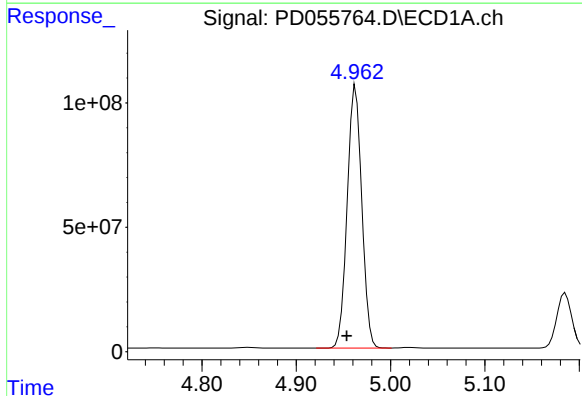
R.T.: 4.444 min
Delta R.T.: 0.007 min
Response: 340531
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



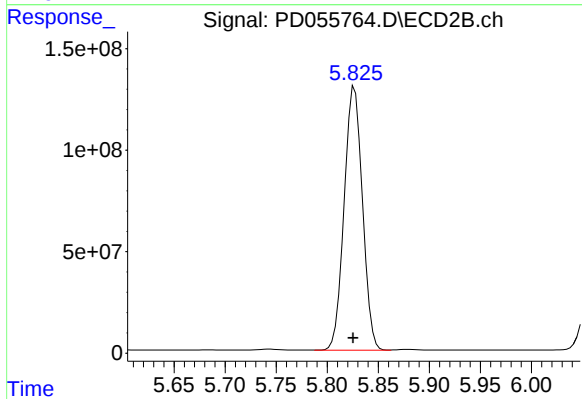
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



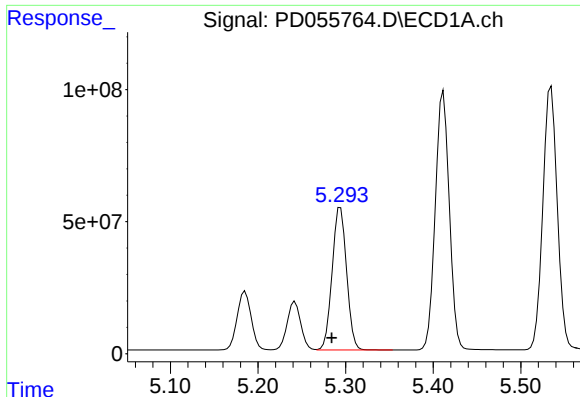
#8 Heptachlor epoxide

R.T.: 4.963 min
Delta R.T.: 0.010 min
Response: 1135594892
Conc: 1103.63 ng/ml



#8 Heptachlor epoxide

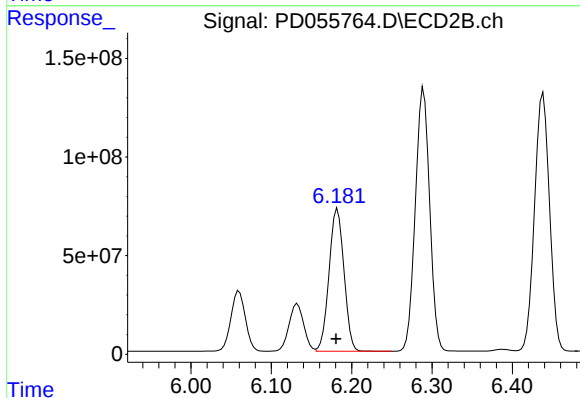
R.T.: 5.827 min
Delta R.T.: 0.002 min
Response: 1621868974
Conc: 1004.33 ng/ml



#9 Endosulfan I

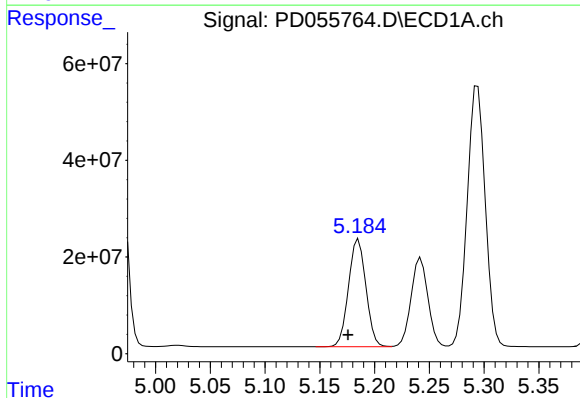
R.T.: 5.294 min
Delta R.T.: 0.010 min
Response: 618335415
Conc: 634.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



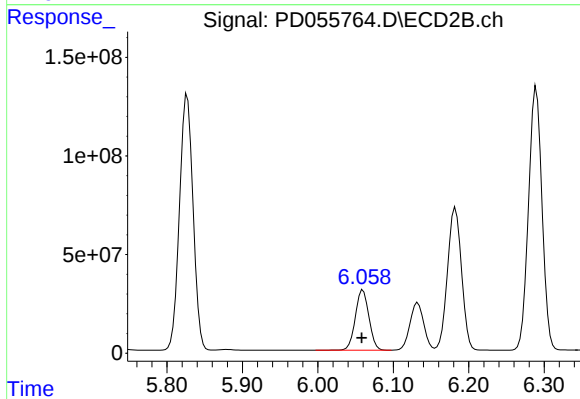
#9 Endosulfan I

R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 936074955
Conc: 596.00 ng/ml



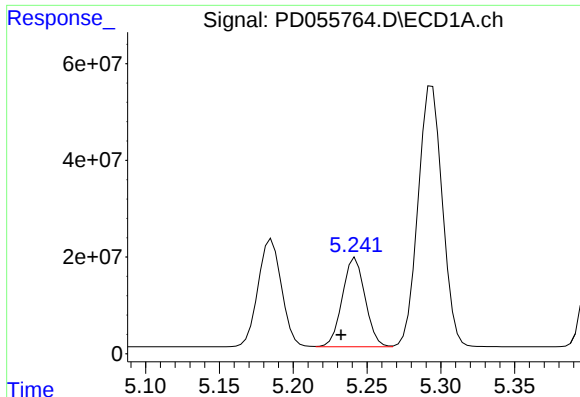
#10 gamma-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.010 min
Response: 246675022
Conc: 231.16 ng/ml



#10 gamma-Chlordane

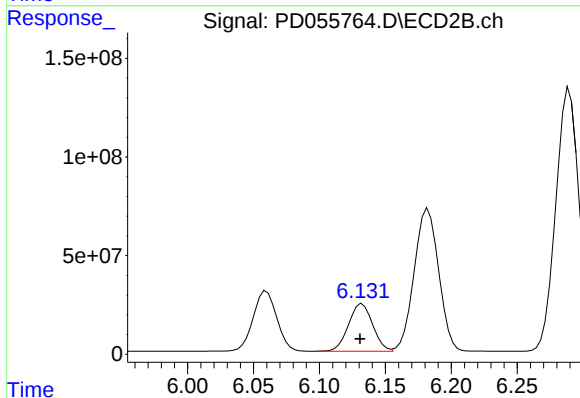
R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 383153657
Conc: 222.24 ng/ml



#11 alpha-Chlordane

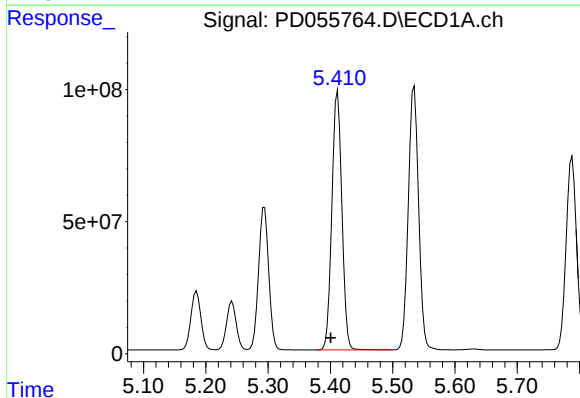
R.T.: 5.242 min
Delta R.T.: 0.010 min
Response: 198084515
Conc: 187.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



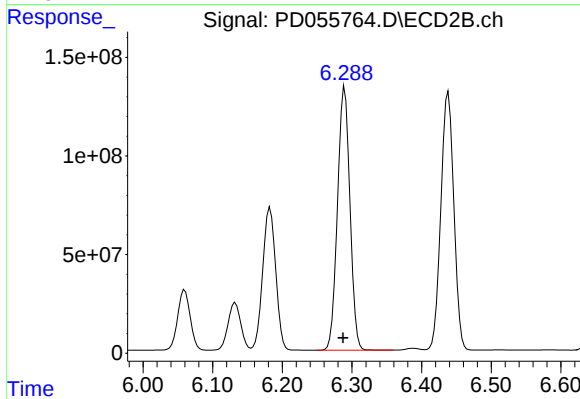
#11 alpha-Chlordane

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 306843681
Conc: 178.61 ng/ml



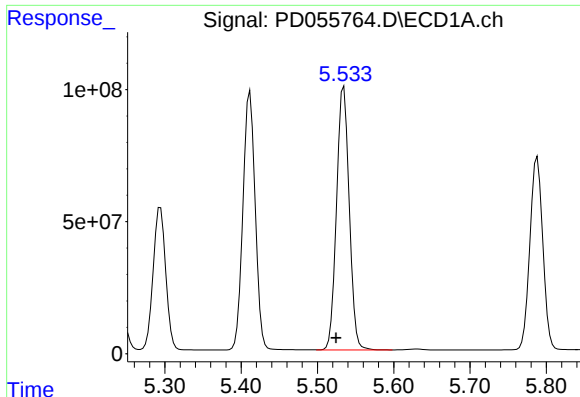
#12 4,4'-DDE

R.T.: 5.412 min
Delta R.T.: 0.011 min
Response: 1093860015
Conc: 1111.31 ng/ml



#12 4,4'-DDE

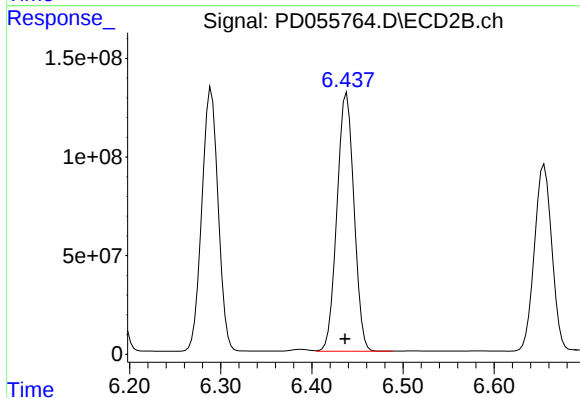
R.T.: 6.290 min
Delta R.T.: 0.002 min
Response: 1660179656
Conc: 1037.96 ng/ml



#13 Dieldrin

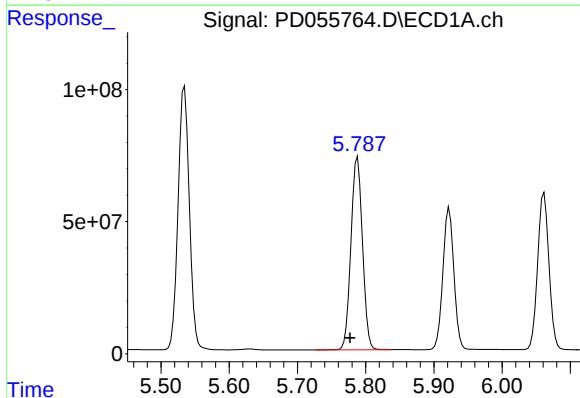
R.T.: 5.535 min
Delta R.T.: 0.010 min
Response: 1149089068
Conc: 1083.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



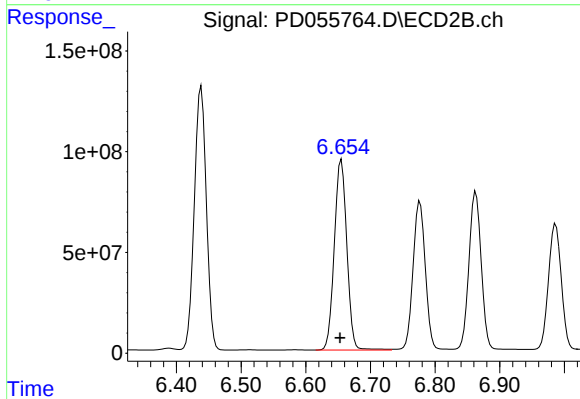
#13 Dieldrin

R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 1699313901
Conc: 1005.70 ng/ml



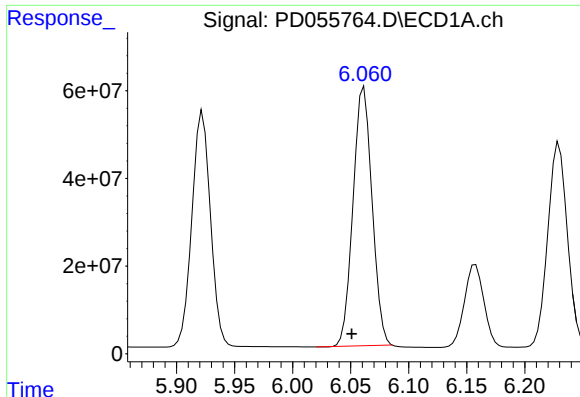
#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.011 min
Response: 856549586
Conc: 893.15 ng/ml



#14 Endrin

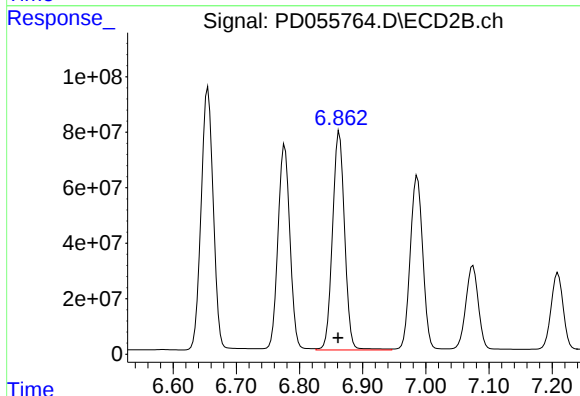
R.T.: 6.655 min
Delta R.T.: 0.002 min
Response: 1272814505
Conc: 882.44 ng/ml



#15 Endosulfan II

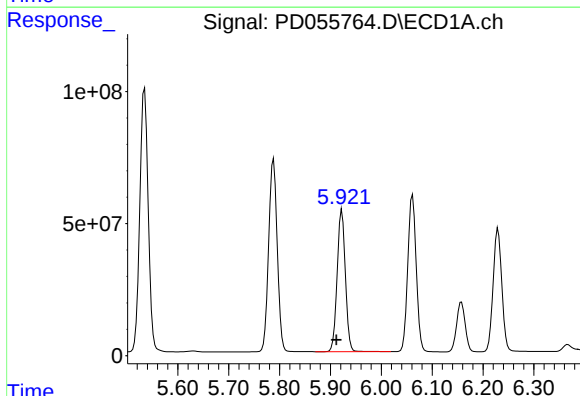
R.T.: 6.062 min
Delta R.T.: 0.011 min
Response: 673547968
Conc: 694.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



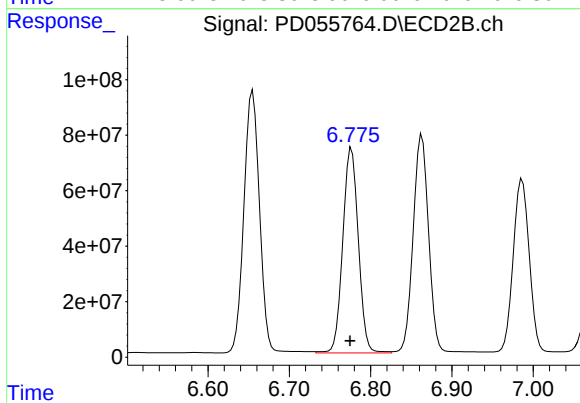
#15 Endosulfan II

R.T.: 6.863 min
Delta R.T.: 0.002 min
Response: 1054369135
Conc: 678.89 ng/ml



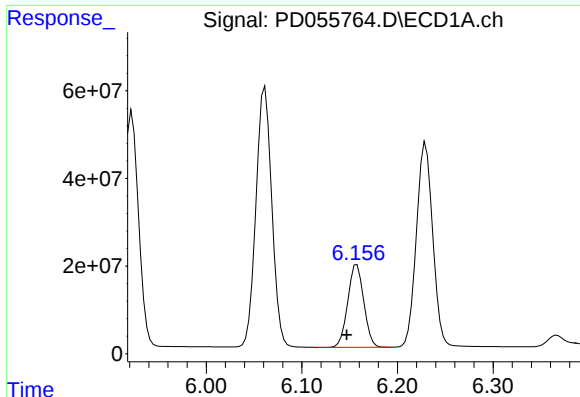
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.011 min
Response: 602649891
Conc: 749.58 ng/ml



#16 4,4'-DDD

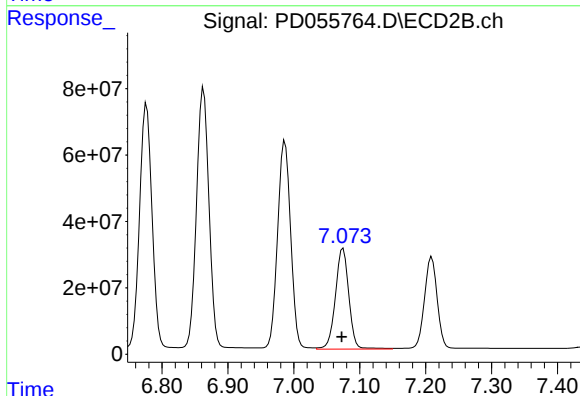
R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 980940665
Conc: 717.85 ng/ml



#17 4,4'-DDT

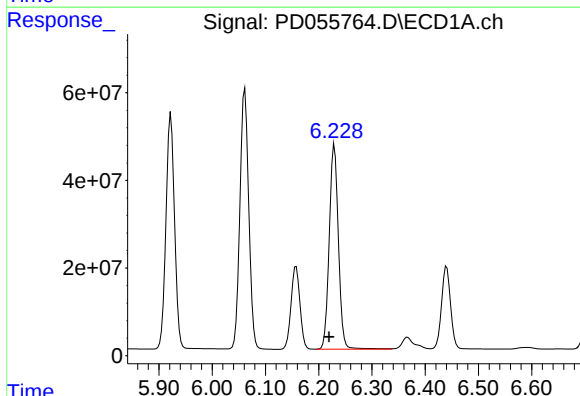
R.T.: 6.158 min
Delta R.T.: 0.011 min
Response: 220865273
Conc: 308.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



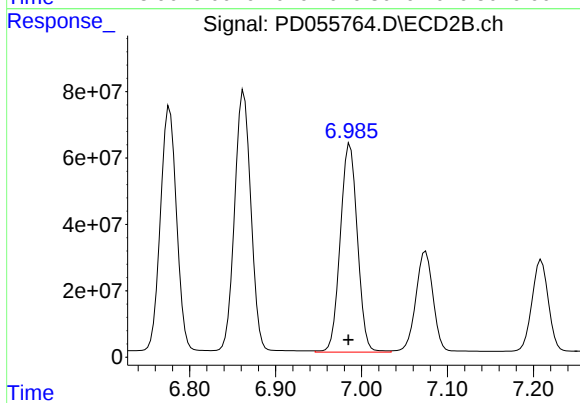
#17 4,4'-DDT

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 430775988
Conc: 322.76 ng/ml



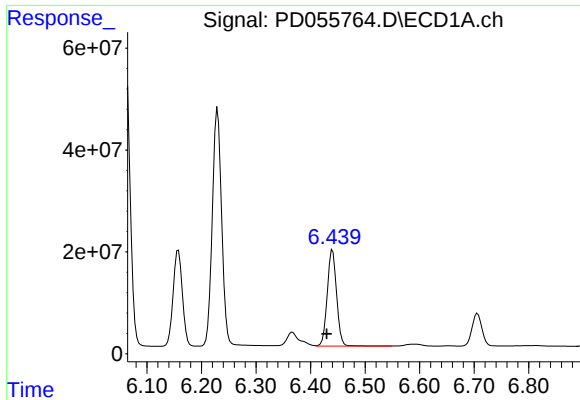
#18 Endrin aldehyde

R.T.: 6.230 min
Delta R.T.: 0.010 min
Response: 562300326
Conc: 672.88 ng/ml



#18 Endrin aldehyde

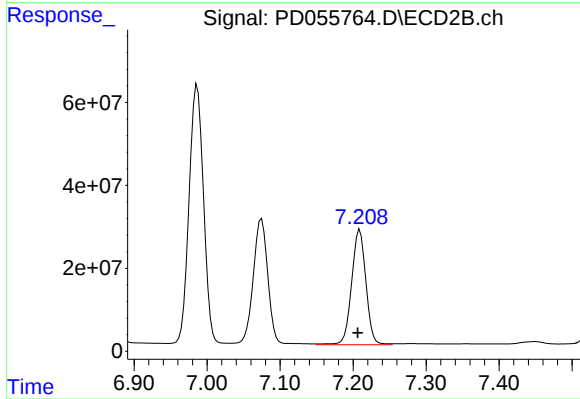
R.T.: 6.987 min
Delta R.T.: 0.002 min
Response: 870212865
Conc: 648.95 ng/ml



#19 Endosulfan Sulfate

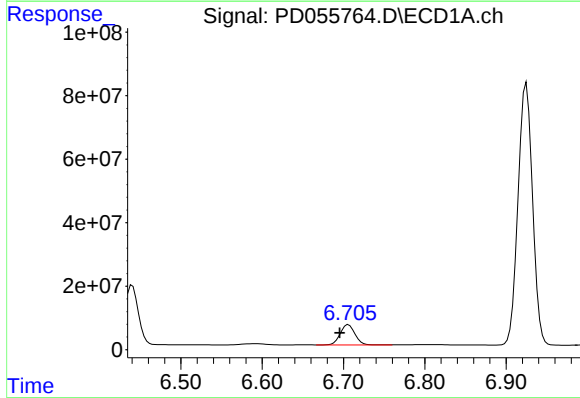
R.T.: 6.440 min
Delta R.T.: 0.011 min
Response: 225739500
Conc: 252.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



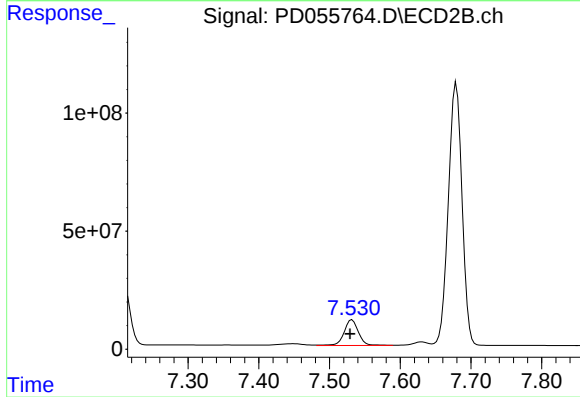
#19 Endosulfan Sulfate

R.T.: 7.209 min
Delta R.T.: 0.003 min
Response: 378805752
Conc: 260.37 ng/ml



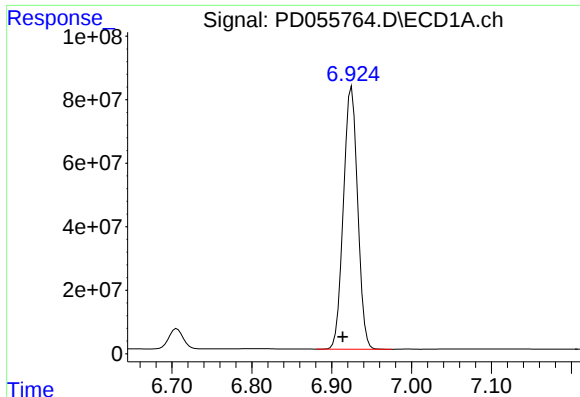
#20 Methoxychlor

R.T.: 6.706 min
Delta R.T.: 0.011 min
Response: 80465532
Conc: 205.35 ng/ml



#20 Methoxychlor

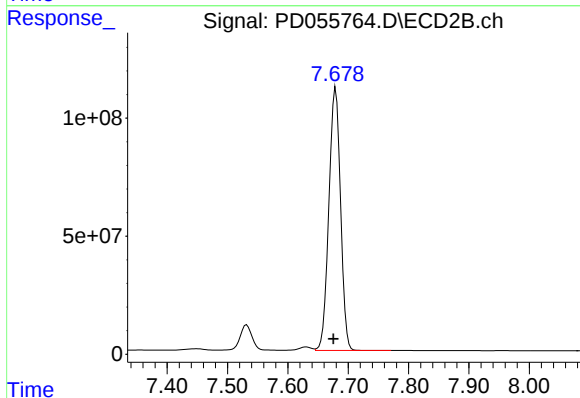
R.T.: 7.532 min
Delta R.T.: 0.003 min
Response: 154325981
Conc: 192.92 ng/ml



#21 Endrin ketone

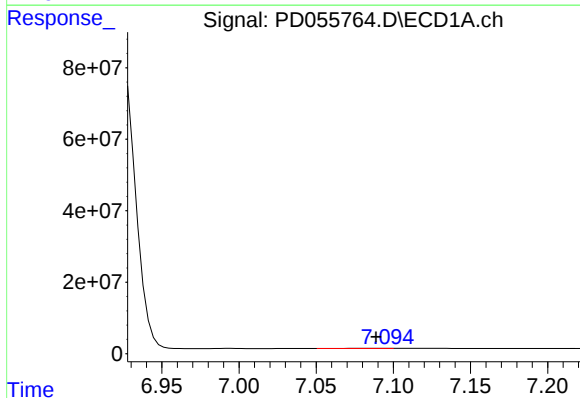
R.T.: 6.925 min
Delta R.T.: 0.011 min
Response: 1024156437
Conc: 978.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



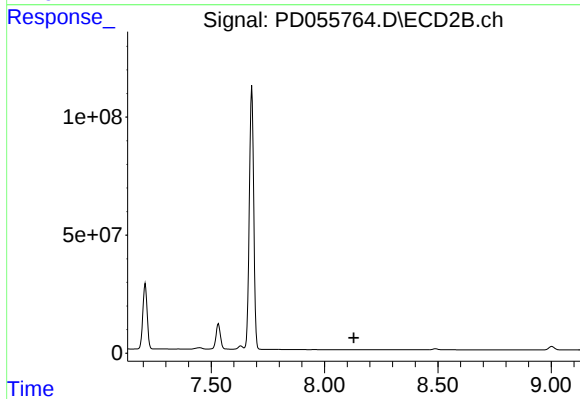
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.004 min
Response: 1497730444
Conc: 902.89 ng/ml



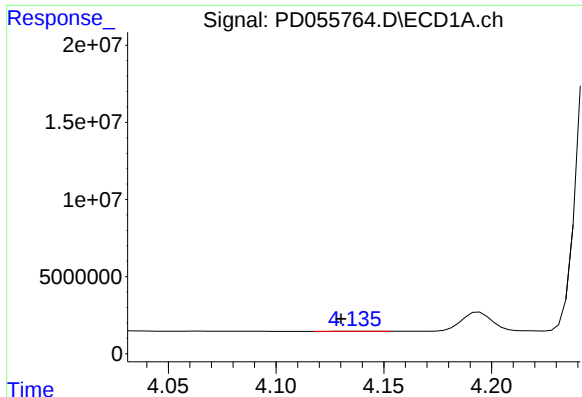
#22 Mirex

R.T.: 7.094 min
Delta R.T.: 0.005 min
Response: 380851
Conc: 0.46 ng/ml



#22 Mirex

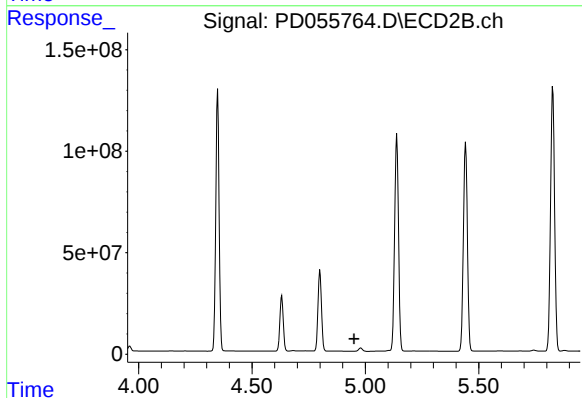
R.T.: 0.000 min
Exp R.T.: 8.130 min
Response: 0
Conc: N.D.



#23 Chlordane-1

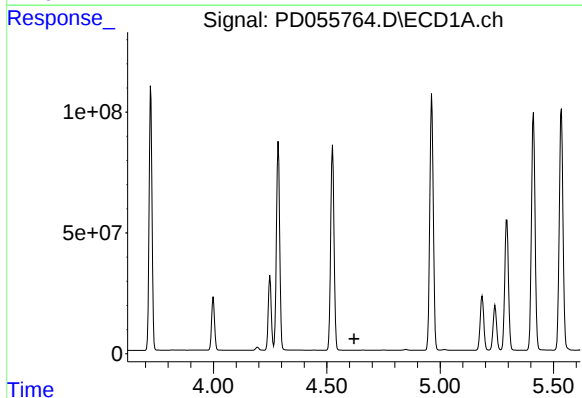
R.T.: 4.137 min
Delta R.T.: 0.007 min
Response: 134130
Conc: 5.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



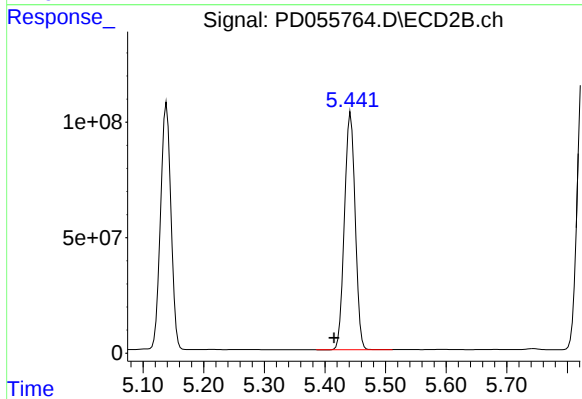
#23 Chlordane-1

R.T.: 4.980 min
Delta R.T.: 0.029 min
Response: -1866731
Conc: N.D.



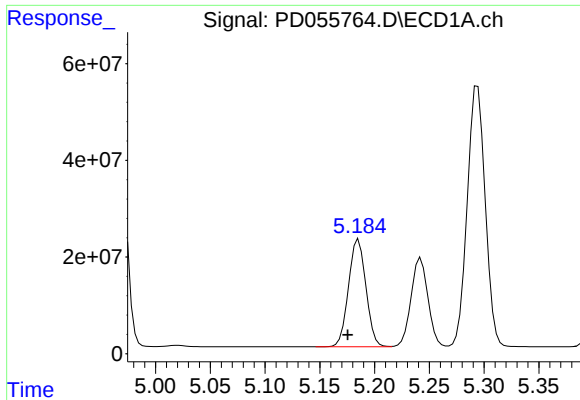
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.621 min
Response: 0
Conc: N.D.



#24 Chlordane-2

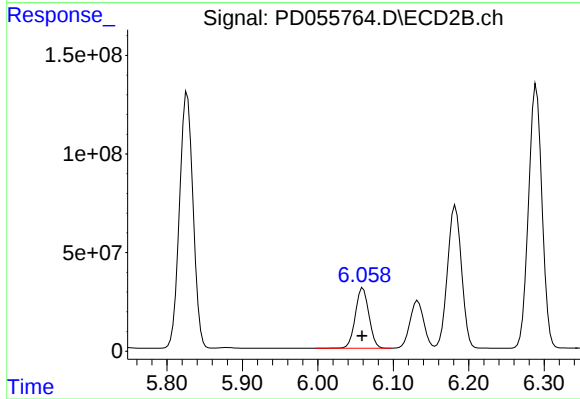
R.T.: 5.442 min
Delta R.T.: 0.027 min
Response: 1263572666
Conc: 24054.41 ng/ml



#25 Chlordane-3

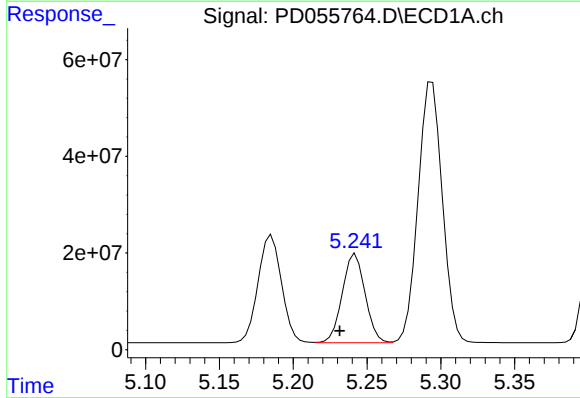
R.T.: 5.185 min
Delta R.T.: 0.010 min
Response: 246675022
Conc: 2565.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



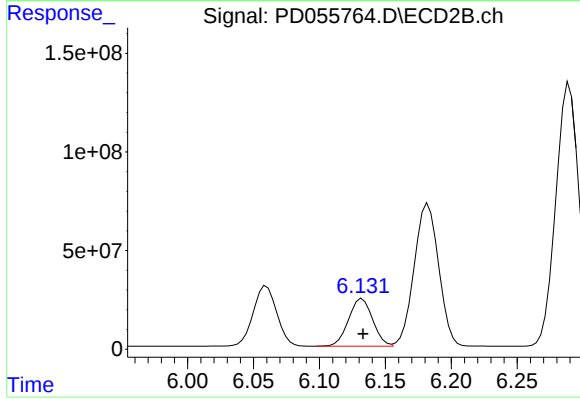
#25 Chlordane-3

R.T.: 6.060 min
Delta R.T.: 0.001 min
Response: 383153657
Conc: 1749.72 ng/ml



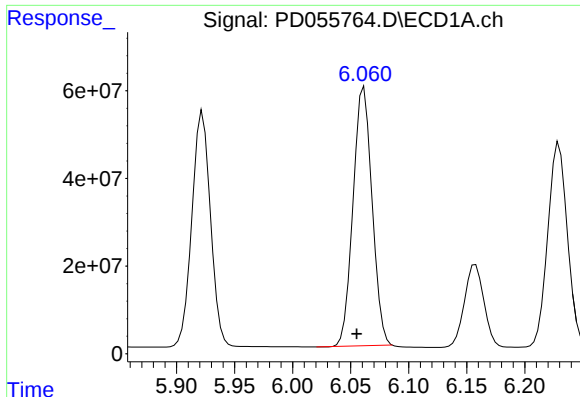
#26 Chlordane-4

R.T.: 5.242 min
Delta R.T.: 0.011 min
Response: 198084515
Conc: 2355.42 ng/ml



#26 Chlordane-4

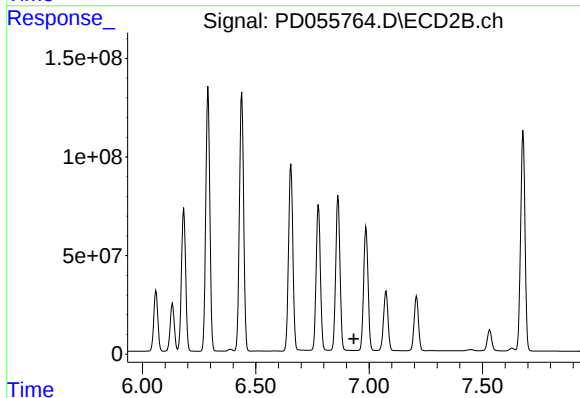
R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 306843681
Conc: 1166.49 ng/ml



#27 Chlordane-5

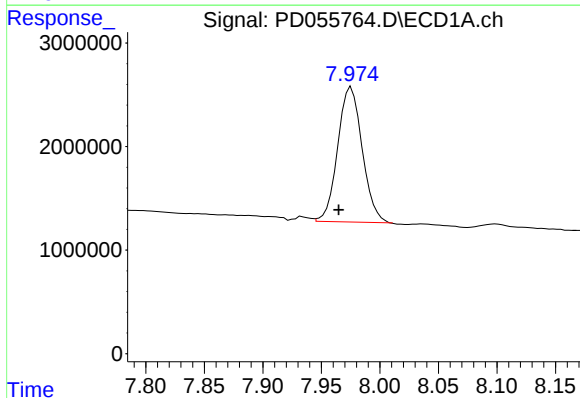
R.T.: 6.062 min
Delta R.T.: 0.006 min
Response: 673547968
Conc: 22182.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOIL



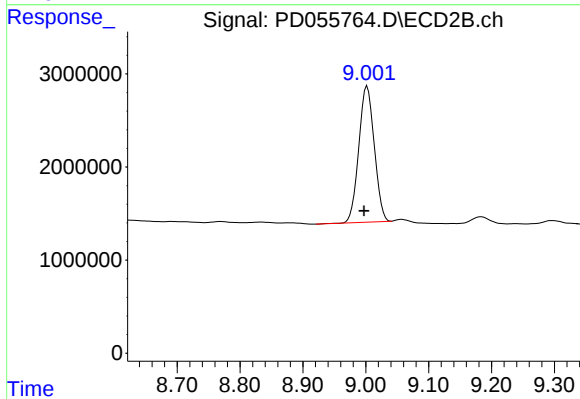
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.975 min
Delta R.T.: 0.011 min
Response: 18809502
Conc: 19.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: 0.005 min
Response: 25040192
Conc: 17.99 ng/ml