

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110119\
 Data File : PL053998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2019 12:59
 Operator : SG\AJ
 Sample : K5609-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 22:36:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	4.045	180.8E6	49761034	16.679	19.885
28)	SA Decachlor...	8.336	9.128	167.1E6	45274133	17.028	16.077
Target Compounds							
2)	A alpha-BHC	3.993	4.438	10315.6E6	2435.3E6	591.610	704.433
3)	MA gamma-BHC...	4.280	4.723	2309.8E6	510.4E6	148.318	158.487
4)	MA Heptachlor	4.587	5.233	9755.4E6	2182.4E6	618.101	677.307
5)	MB Aldrin	4.839	5.539	9465.2E6	2167.2E6	662.097	726.881
6)	B beta-BHC	4.531	4.893	3132.8E6	762.1E6	475.390	493.368
7)	B delta-BHC	4.743	0.000	4213005	0	0.277	N.D. #
8)	B Heptachlo...	5.285	5.925	11802.7E6	2753.8E6	874.323	944.244
9)	A Endosulfan I	5.627	6.282	6602.6E6	1548.7E6	537.144	571.233
10)	B gamma-Chl...	5.513	6.159	2795.3E6	598.1E6	204.877	204.966
11)	B alpha-Chl...	5.572	6.231	2230.6E6	493.2E6	167.668	168.964
12)	B 4,4'-DDE	5.736	6.388	10928.1E6	2719.2E6	919.700	965.500
13)	MA Dieldrin	5.872	6.539	11506.3E6	2795.9E6	882.821	979.773
14)	MA Endrin	6.130	6.757	8826.1E6	2051.9E6	761.451	845.374
15)	B Endosulfa...	6.403	6.966	6842.2E6	1691.4E6	611.987	662.112
16)	A 4,4'-DDD	6.253	6.878	6056.5E6	1528.2E6	680.518	733.302
17)	MA 4,4'-DDT	6.495	7.176	2256.2E6	618.2E6	227.754	267.347
18)	B Endrin al...	6.571	7.090	5605.2E6	1405.4E6	611.305	639.772
19)	B Endosulfa...	6.785	7.313	2210.0E6	580.8E6	217.267	236.729
20)	A Methoxychlor	7.040	7.635	838.2E6	212.1E6	170.010	163.329
21)	B Endrin ke...	7.279	7.784	9451.8E6	2408.2E6	878.005	933.955
24)	Chlordane-2	4.959f	5.539f	11646131	2167.2E6	30.225	22064.699 #
25)	Chlordane-3	5.513	6.159	2795.3E6	598.1E6	2425.000	1637.461 #
26)	Chlordane-4	5.572	6.231	2230.6E6	493.2E6	2379.393	1098.691 #
27)	Chlordane-5	6.403	0.000	6842.2E6	0	18717.936	N.D. #

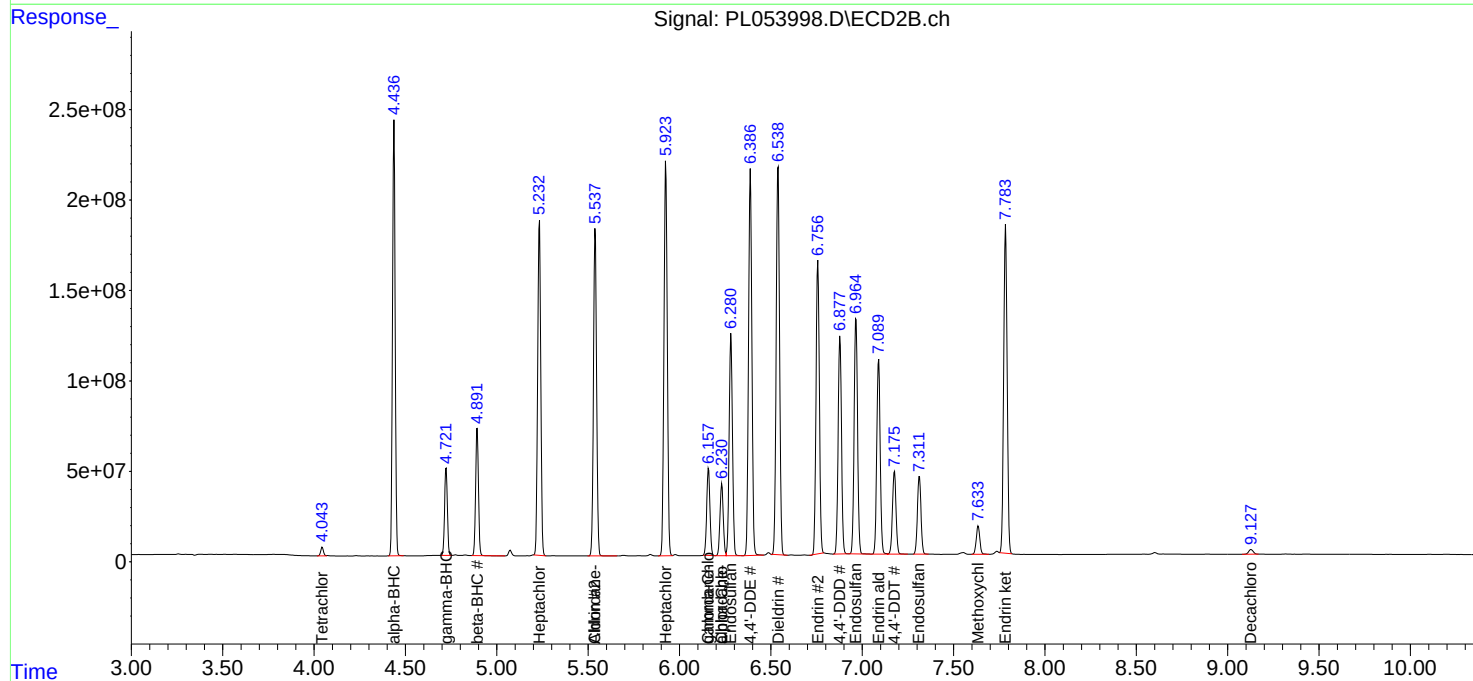
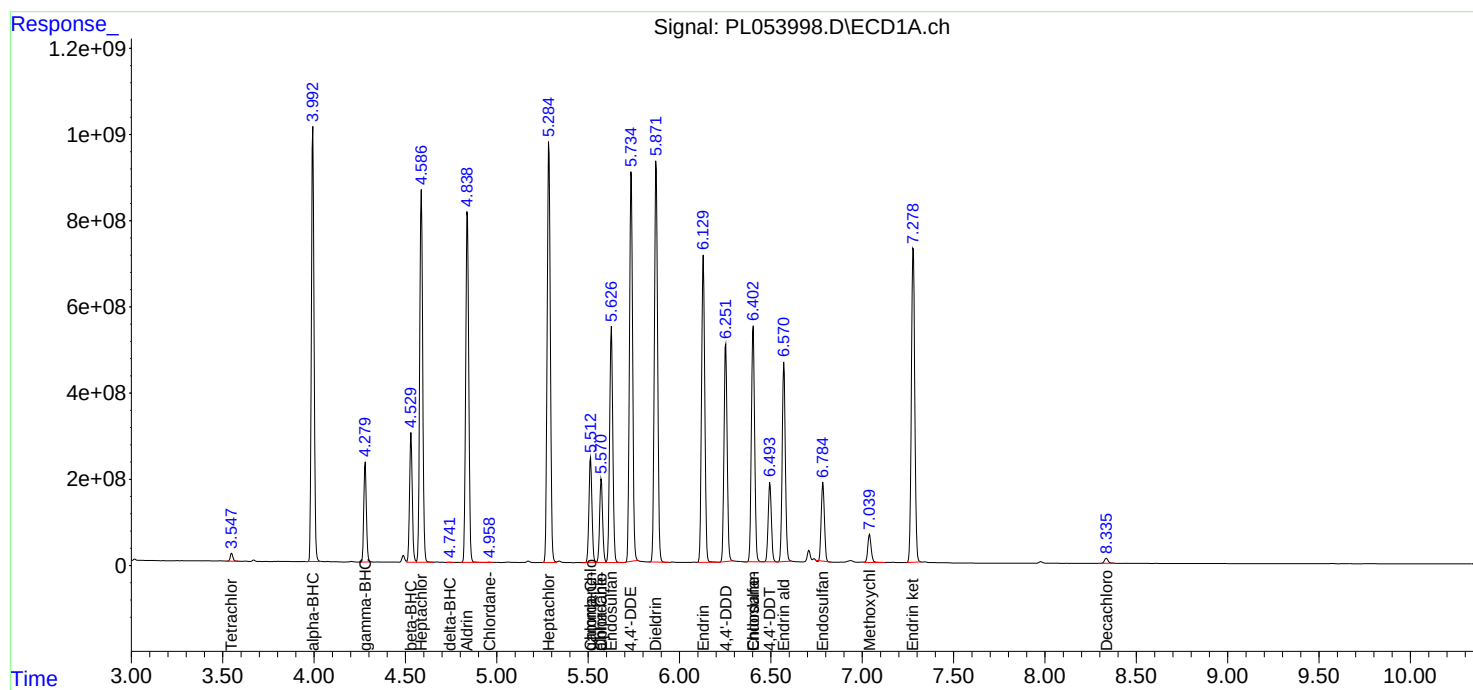
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

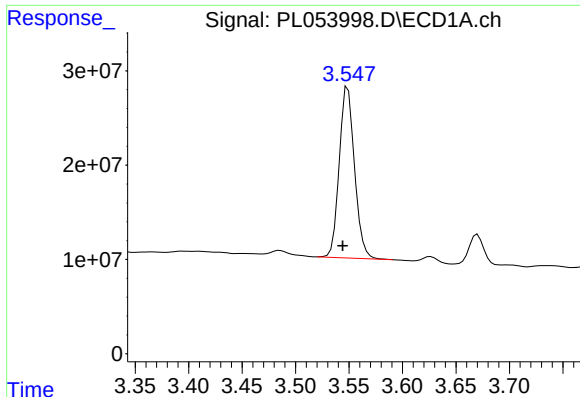
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110119\
Data File : PL053998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2019 12:59
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Integration File signal 1: autoint1.e
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Quant Time: Nov 01 22:36:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
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Volume Inj. : 1 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 x0.5µm

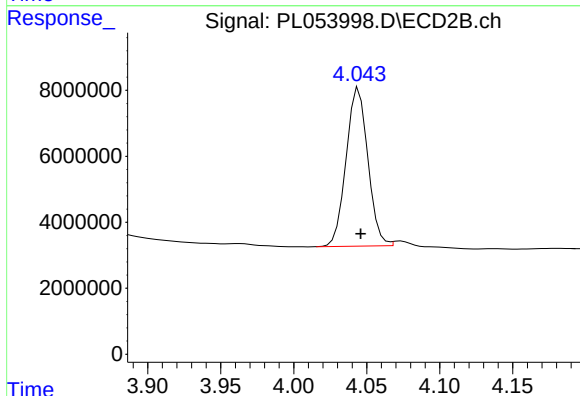




#1 Tetrachloro-m-xylene

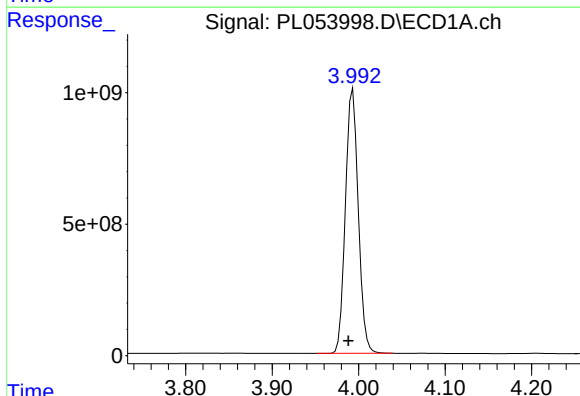
R.T.: 3.549 min
Delta R.T.: 0.005 min
Response: 180793289
Conc: 16.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



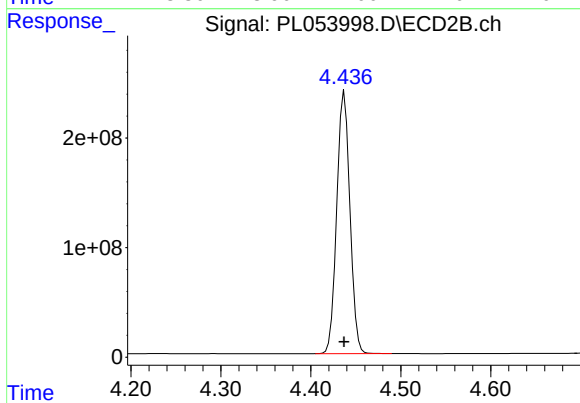
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 49761034
Conc: 19.89 ng/ml



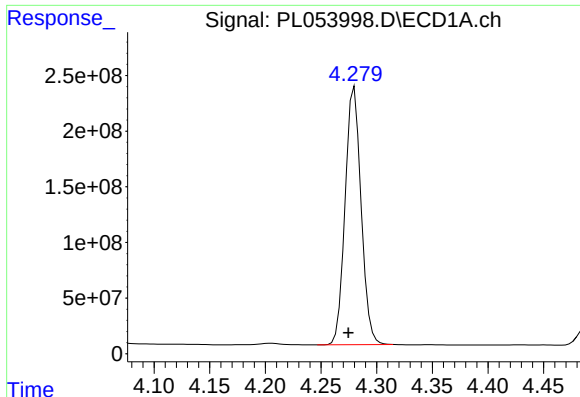
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.005 min
Response: 10315617399
Conc: 591.61 ng/ml



#2 alpha-BHC

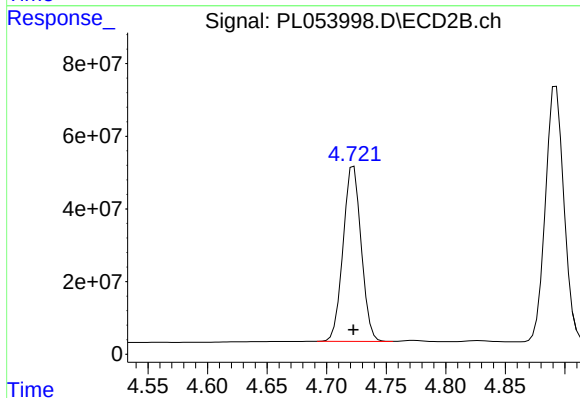
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 2435289622
Conc: 704.43 ng/ml



#3 gamma-BHC (Lindane)

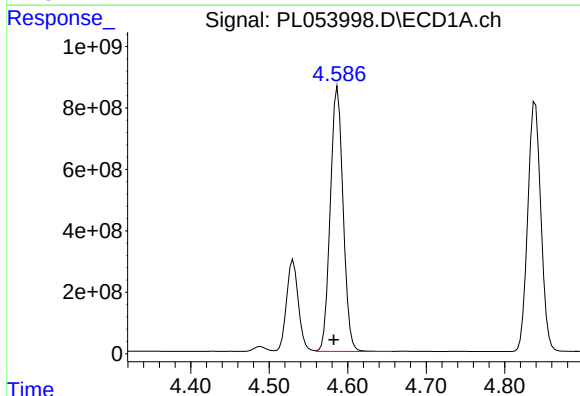
R.T.: 4.280 min
Delta R.T.: 0.005 min
Response: 2309840536
Conc: 148.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



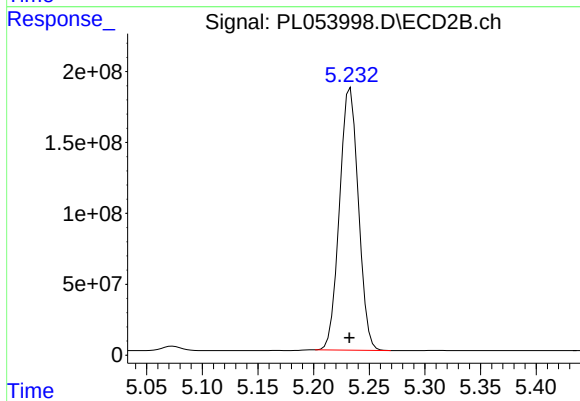
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 510387731
Conc: 158.49 ng/ml



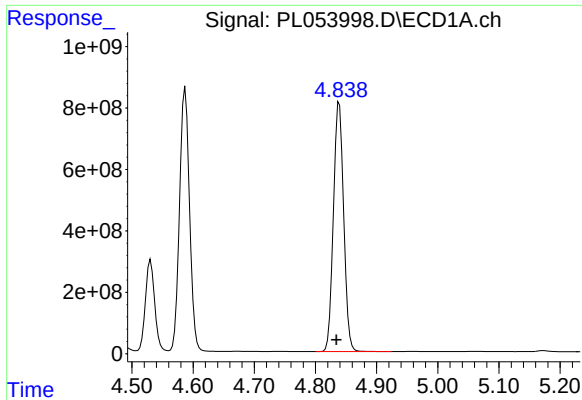
#4 Heptachlor

R.T.: 4.587 min
Delta R.T.: 0.005 min
Response: 9755431292
Conc: 618.10 ng/ml



#4 Heptachlor

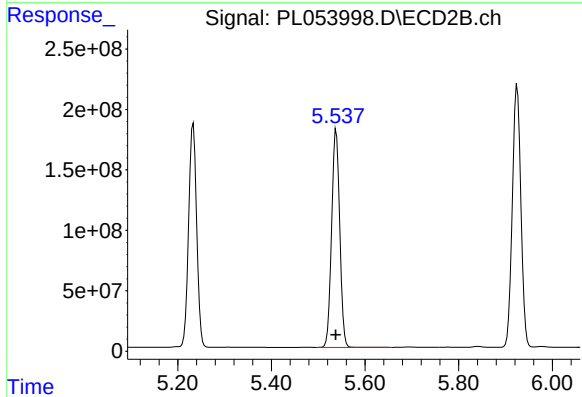
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 2182395580
Conc: 677.31 ng/ml



#5 Aldrin

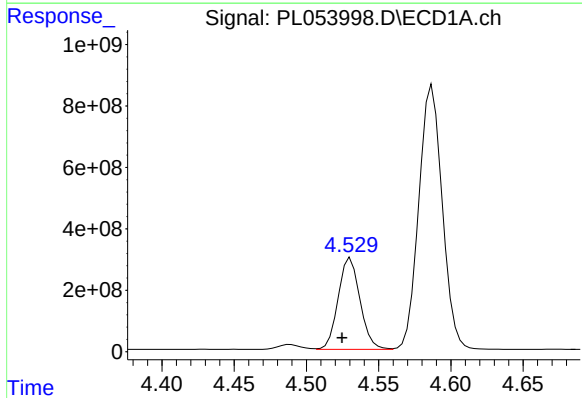
R.T.: 4.839 min
Delta R.T.: 0.005 min
Response: 9465159025
Conc: 662.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



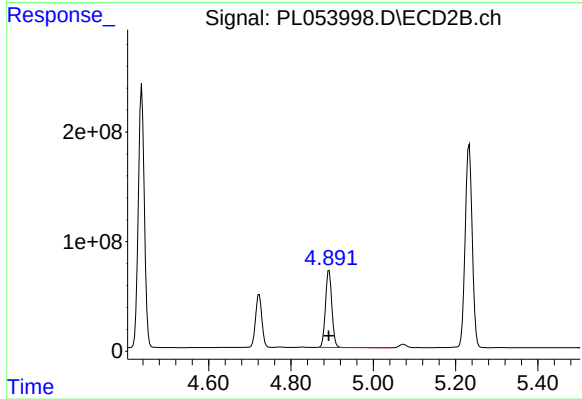
#5 Aldrin

R.T.: 5.539 min
Delta R.T.: 0.000 min
Response: 2167227085
Conc: 726.88 ng/ml



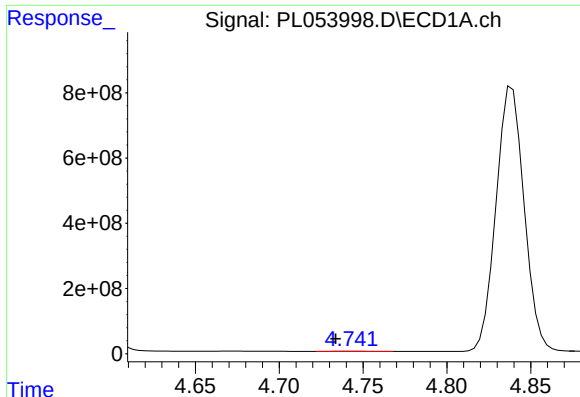
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 3132755664
Conc: 475.39 ng/ml



#6 beta-BHC

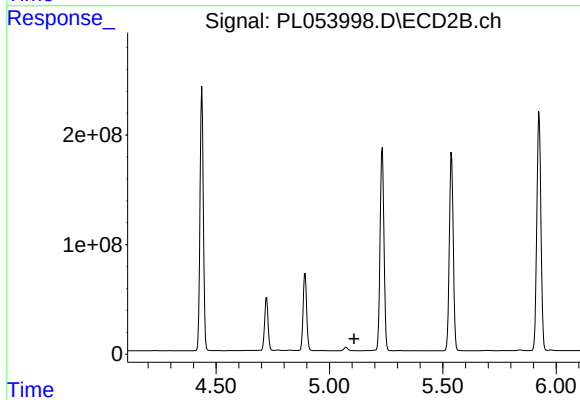
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 762067533
Conc: 493.37 ng/ml



#7 delta-BHC

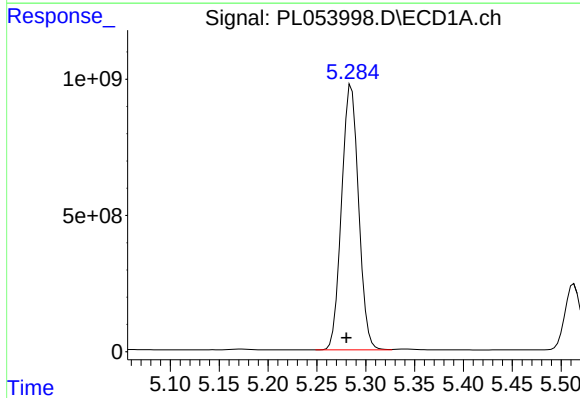
R.T.: 4.743 min
Delta R.T.: 0.009 min
Response: 4213005
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



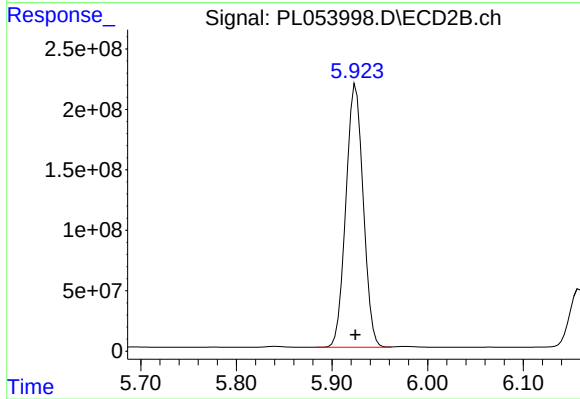
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.109 min
Response: 0
Conc: N.D.



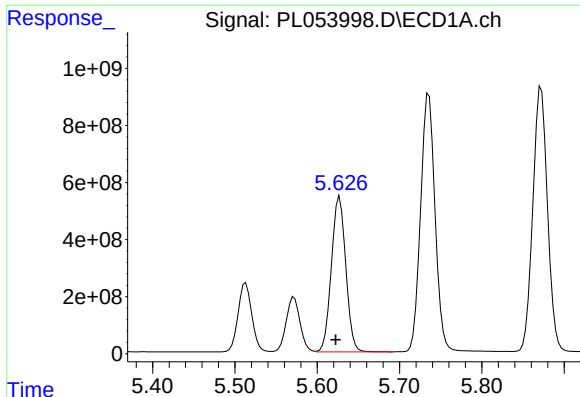
#8 Heptachlor epoxide

R.T.: 5.285 min
Delta R.T.: 0.005 min
Response: 11802682763
Conc: 874.32 ng/ml



#8 Heptachlor epoxide

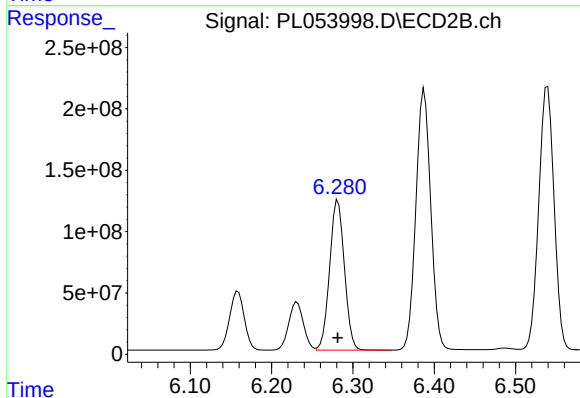
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 2753783149
Conc: 944.24 ng/ml



#9 Endosulfan I

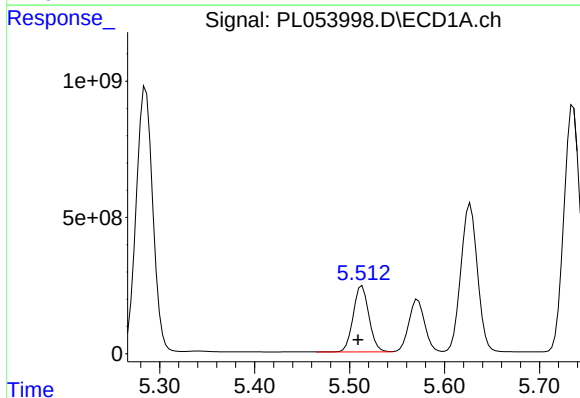
R.T.: 5.627 min
Delta R.T.: 0.005 min
Response: 6602621806
Conc: 537.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



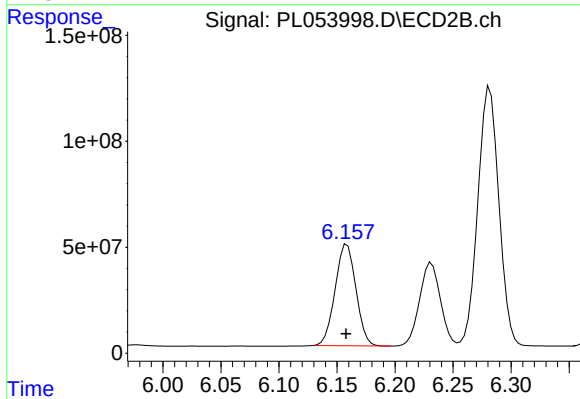
#9 Endosulfan I

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 1548749154
Conc: 571.23 ng/ml



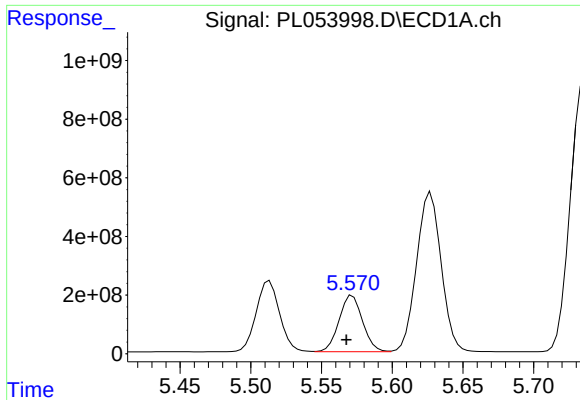
#10 gamma-Chlordane

R.T.: 5.513 min
Delta R.T.: 0.004 min
Response: 2795264651
Conc: 204.88 ng/ml



#10 gamma-Chlordane

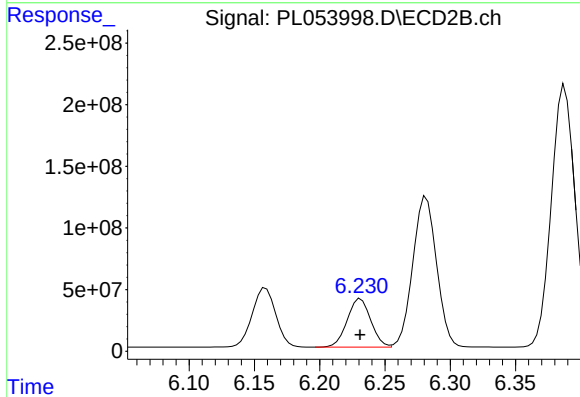
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 598050546
Conc: 204.97 ng/ml



#11 alpha-Chlordane

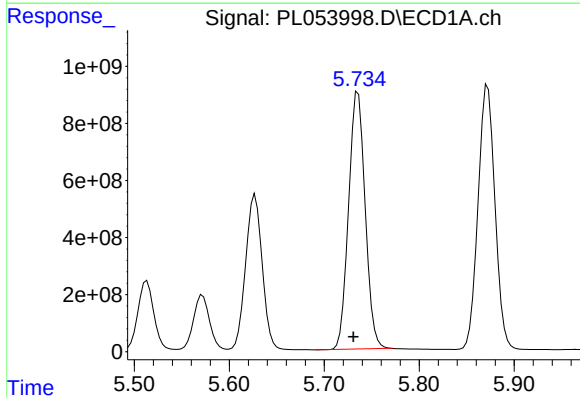
R.T.: 5.572 min
Delta R.T.: 0.004 min
Response: 2230566385
Conc: 167.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



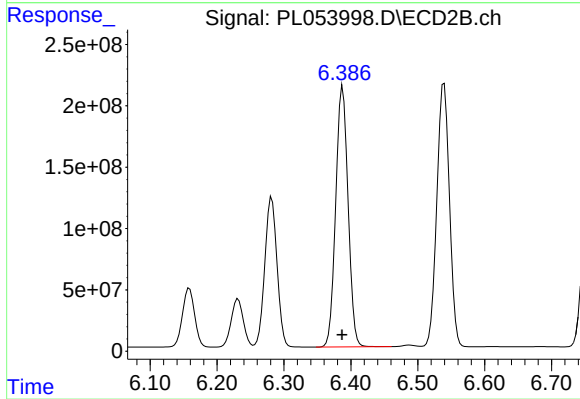
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 493243102
Conc: 168.96 ng/ml



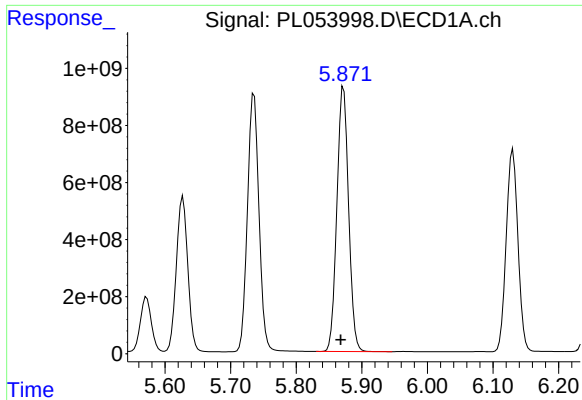
#12 4,4'-DDE

R.T.: 5.736 min
Delta R.T.: 0.005 min
Response: 10928093848
Conc: 919.70 ng/ml



#12 4,4'-DDE

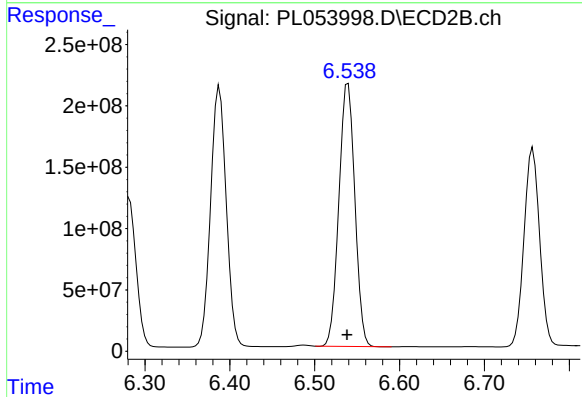
R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2719188916
Conc: 965.50 ng/ml



#13 Dieldrin

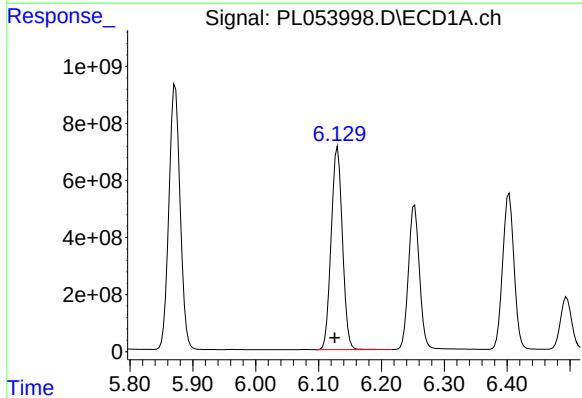
R.T.: 5.872 min
Delta R.T.: 0.005 min
Response: 11506279395
Conc: 882.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



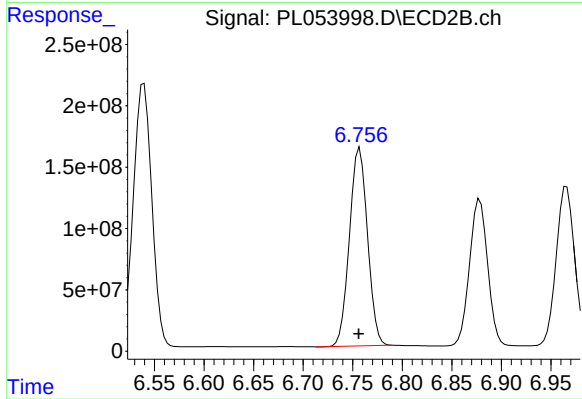
#13 Dieldrin

R.T.: 6.539 min
Delta R.T.: 0.001 min
Response: 2795922498
Conc: 979.77 ng/ml



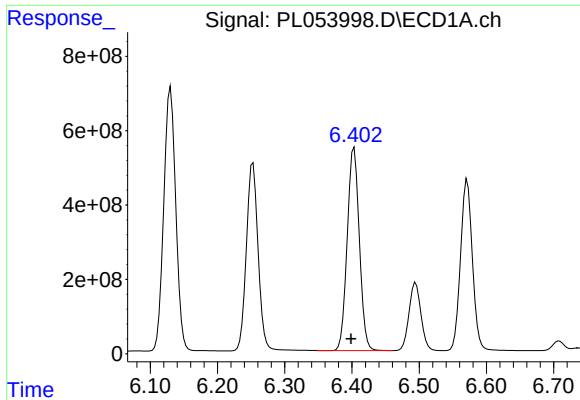
#14 Endrin

R.T.: 6.130 min
Delta R.T.: 0.004 min
Response: 8826135471
Conc: 761.45 ng/ml



#14 Endrin

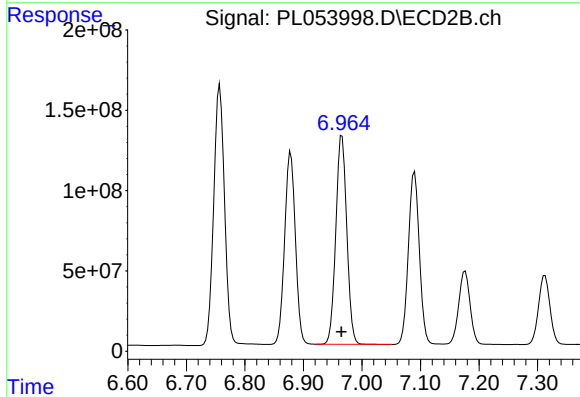
R.T.: 6.757 min
Delta R.T.: 0.001 min
Response: 2051890747
Conc: 845.37 ng/ml



#15 Endosulfan II

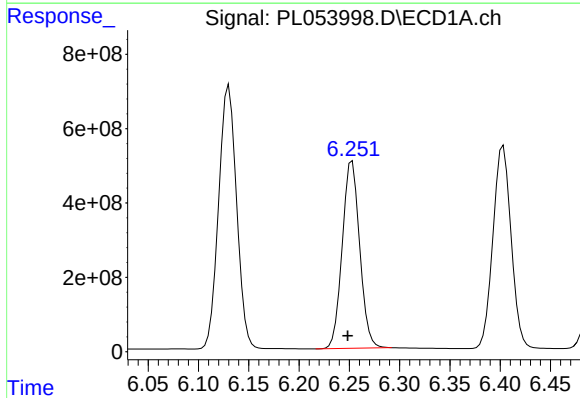
R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 6842234482
Conc: 611.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



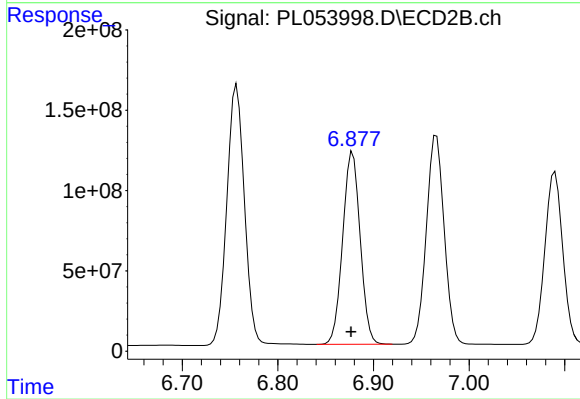
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 1691359608
Conc: 662.11 ng/ml



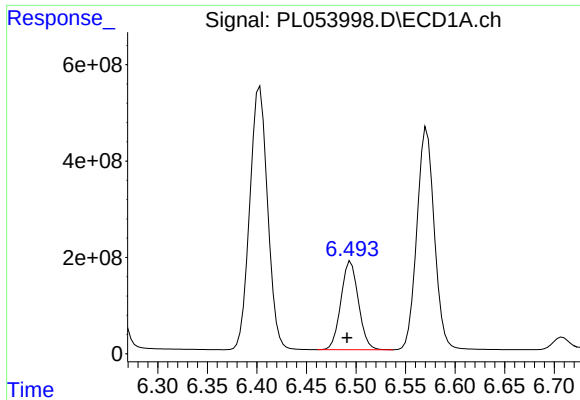
#16 4,4'-DDD

R.T.: 6.253 min
Delta R.T.: 0.004 min
Response: 6056527048
Conc: 680.52 ng/ml



#16 4,4'-DDD

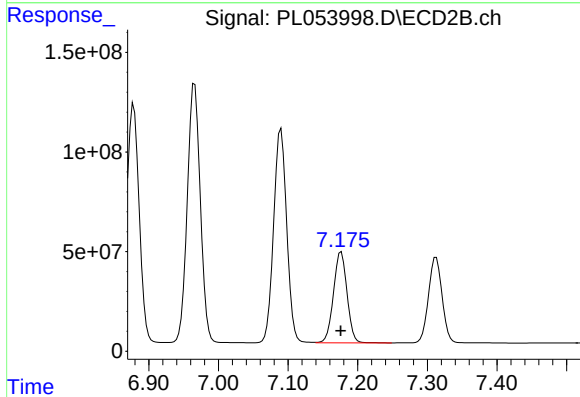
R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 1528172558
Conc: 733.30 ng/ml



#17 4,4'-DDT

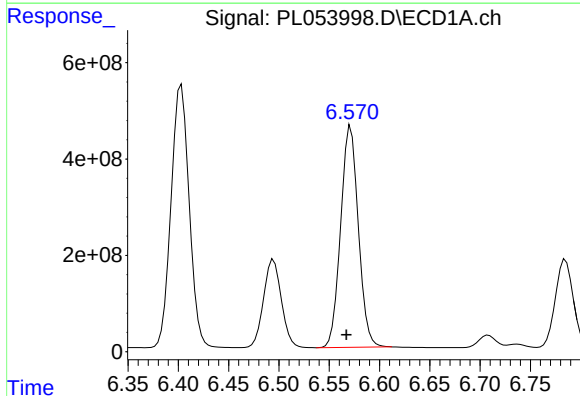
R.T.: 6.495 min
Delta R.T.: 0.004 min
Response: 2256199924
Conc: 227.75 ng/ml

Instrument :
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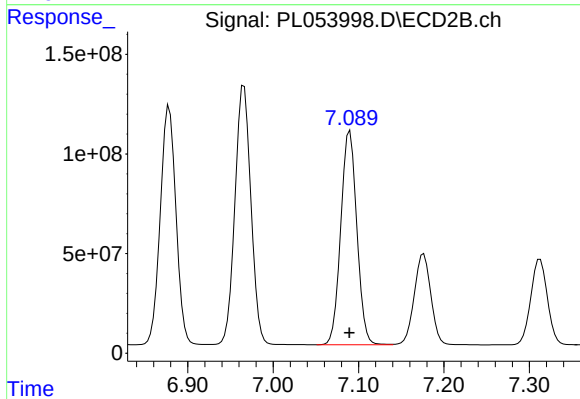
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 618242921
Conc: 267.35 ng/ml



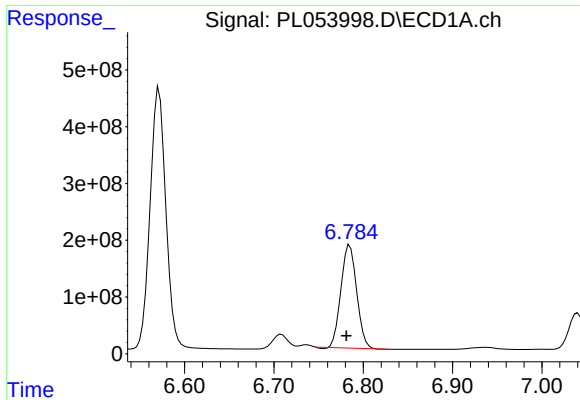
#18 Endrin aldehyde

R.T.: 6.571 min
Delta R.T.: 0.004 min
Response: 5605221342
Conc: 611.31 ng/ml



#18 Endrin aldehyde

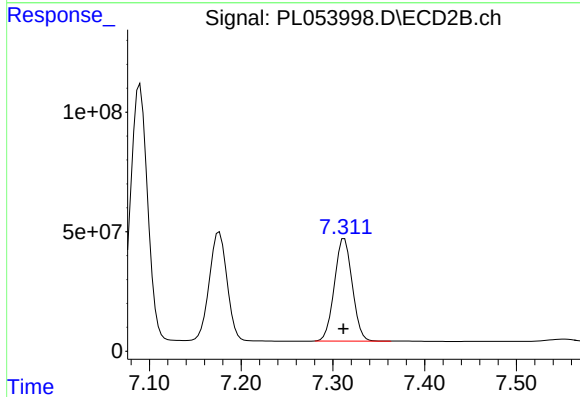
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 1405433988
Conc: 639.77 ng/ml



#19 Endosulfan Sulfate

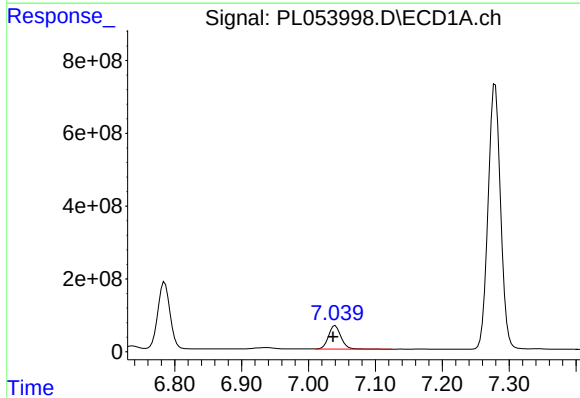
R.T.: 6.785 min
Delta R.T.: 0.004 min
Response: 2209960817
Conc: 217.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



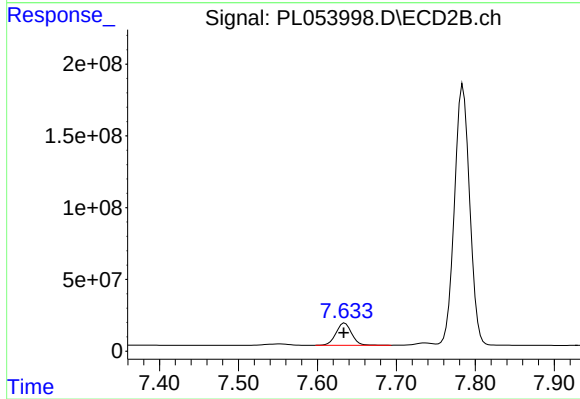
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 580839563
Conc: 236.73 ng/ml



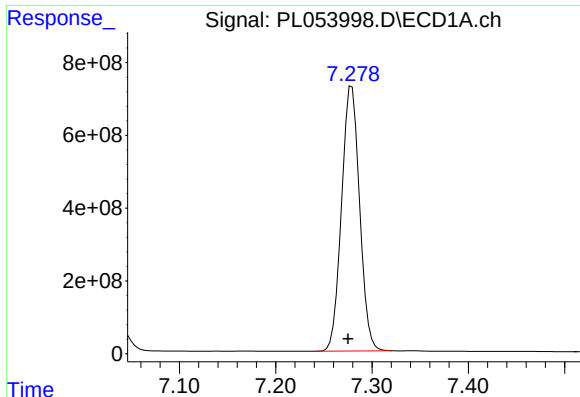
#20 Methoxychlor

R.T.: 7.040 min
Delta R.T.: 0.003 min
Response: 838207908
Conc: 170.01 ng/ml



#20 Methoxychlor

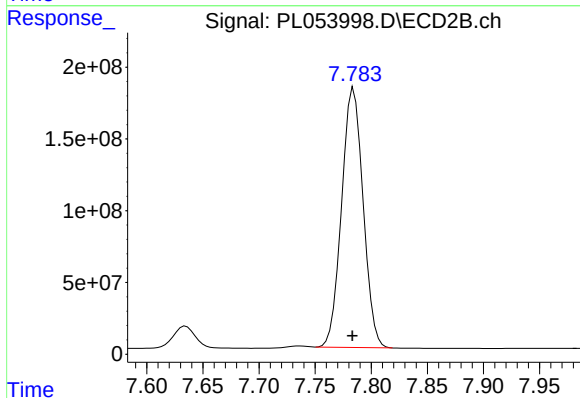
R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 212149762
Conc: 163.33 ng/ml



#21 Endrin ketone

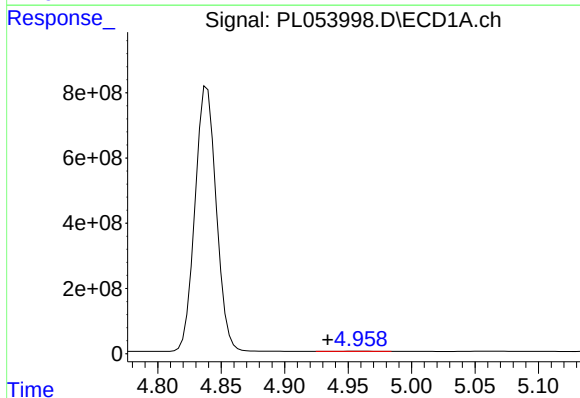
R.T.: 7.279 min
Delta R.T.: 0.004 min
Response: 9451838195
Conc: 878.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



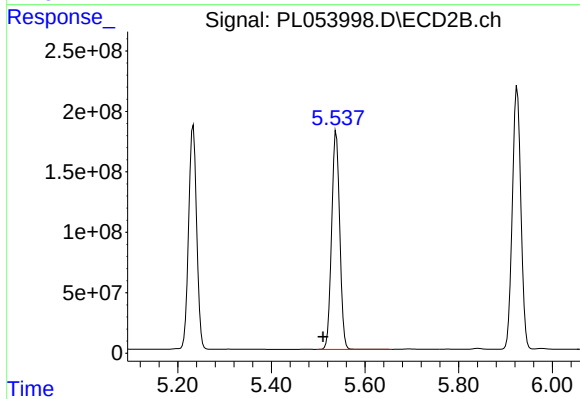
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.001 min
Response: 2408179801
Conc: 933.96 ng/ml



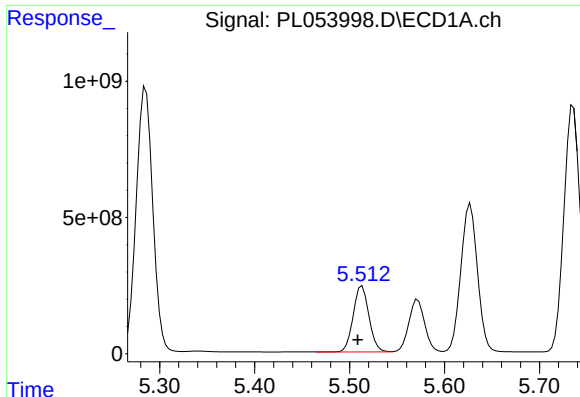
#24 Chlordane-2

R.T.: 4.959 min
Delta R.T.: 0.025 min
Response: 11646131
Conc: 30.22 ng/ml



#24 Chlordane-2

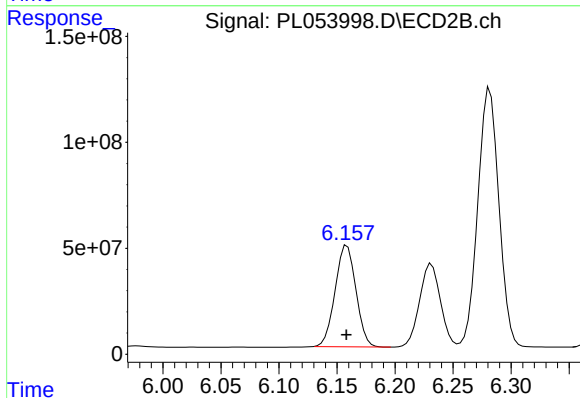
R.T.: 5.539 min
Delta R.T.: 0.028 min
Response: 2167227085
Conc: 22064.70 ng/ml



#25 Chlordane-3

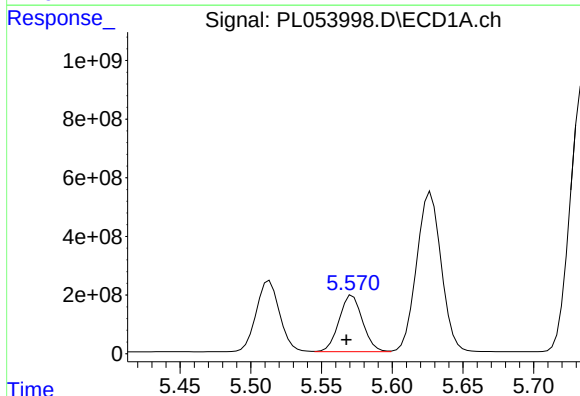
R.T.: 5.513 min
Delta R.T.: 0.004 min
Response: 2795264651
Conc: 2425.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



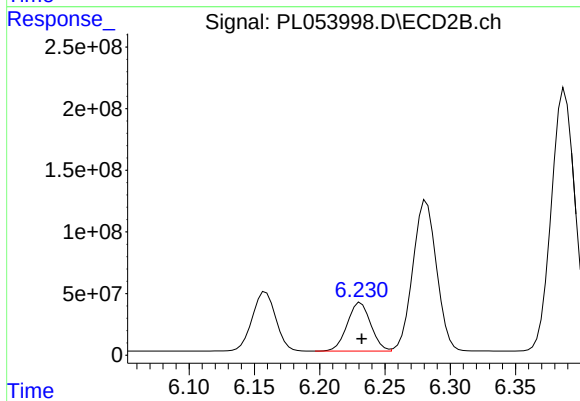
#25 Chlordane-3

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 598050546
Conc: 1637.46 ng/ml



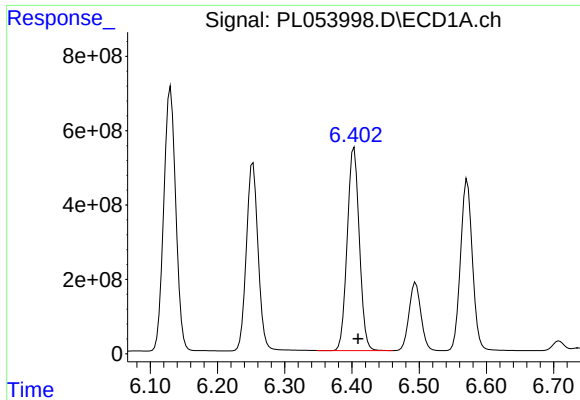
#26 Chlordane-4

R.T.: 5.572 min
Delta R.T.: 0.004 min
Response: 2230566385
Conc: 2379.39 ng/ml



#26 Chlordane-4

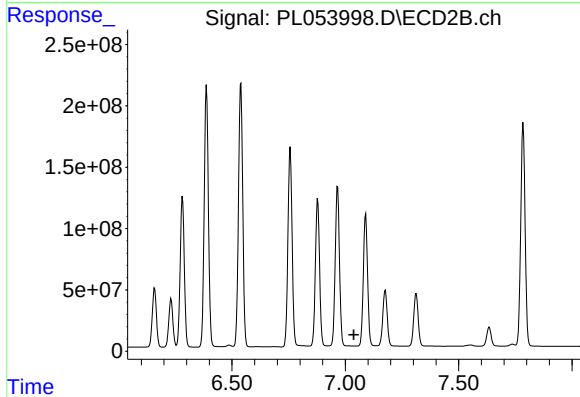
R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 493243102
Conc: 1098.69 ng/ml



#27 Chlordane-5

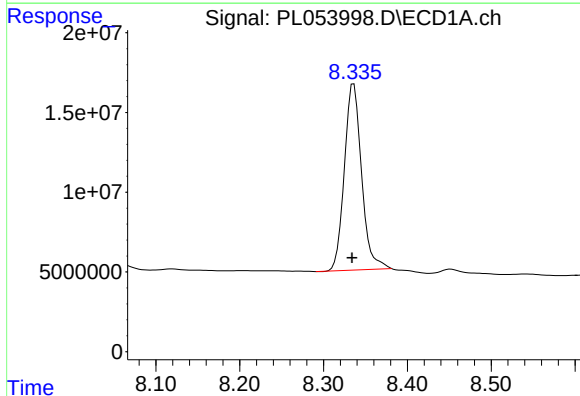
R.T.: 6.403 min
Delta R.T.: -0.006 min
Response: 6842234482
Conc: 18717.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL



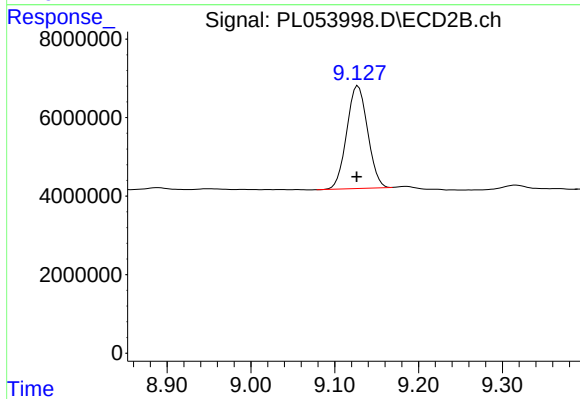
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.336 min
Delta R.T.: 0.002 min
Response: 167068282
Conc: 17.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.128 min
Delta R.T.: 0.002 min
Response: 45274133
Conc: 16.08 ng/ml