

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 17:16
 Operator : SG\AJ
 Sample : K5609-19DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:05:34 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...	3.290	3.962	8292290	12540126	9.727	10.413
28)	SA Decachlor...	7.967	9.000	9861622	13549969	10.424	9.737
Target Compounds							
2)	A alpha-BHC	3.717	4.350	490.5E6	668.9E6	386.166	379.547
3)	MA gamma-BHC...	3.992	4.632	97221585	139.4E6	81.159	81.210
4)	MA Heptachlor	4.278	5.139	443.7E6	662.5E6	416.516	382.357
5)	MB Aldrin	4.517	5.442	447.4E6	665.1E6	408.836	397.353
6)	B beta-BHC	4.242	4.801	141.6E6	214.9E6	280.960	270.316
7)	B delta-BHC	4.437	0.000	224743	0	0.195	N.D. #
8)	B Heptachlo...	4.955	5.827	591.0E6	882.1E6	574.340	546.248
9)	A Endosulfan I	5.285	6.182	314.1E6	487.5E6	322.170	310.412
10)	B gamma-Chl...	5.177	6.060	121.4E6	193.5E6	113.728	112.220
11)	B alpha-Chl...	5.234	6.132	97854268	157.5E6	92.717	91.665
12)	B 4,4'-DDE	5.402	6.289	555.5E6	867.7E6	564.351	542.503
13)	MA Dieldrin	5.526	6.438	592.0E6	895.5E6	558.158	530.004
14)	MA Endrin	5.779	6.655	437.4E6	654.5E6	456.101	453.745
15)	B Endosulfa...	6.052	6.862	347.6E6	535.9E6	358.677	345.060
16)	A 4,4'-DDD	5.913	6.776	304.4E6	496.9E6	378.664	363.666
17)	MA 4,4'-DDT	6.149	7.074	106.0E6	205.5E6	148.094	154.006
18)	B Endrin al...	6.220	6.986	292.7E6	449.1E6	350.273	334.934
19)	B Endosulfa...	6.432	7.209	115.8E6	184.0E6	129.222	126.473
20)	A Methoxychlor	6.698	7.531	41636137	75734280	106.259	94.675
21)	B Endrin ke...	6.917	7.677	530.9E6	780.6E6	507.342	470.570
22)	Mirex	7.091	0.000	1214264	0	1.473	N.D. #
24)	Chlordane-2	0.000	5.442f	0	665.1E6	N.D.	12661.392 #
25)	Chlordane-3	5.177	6.060	121.4E6	193.5E6	1261.984	883.511 #
26)	Chlordane-4	5.234	6.132	97854268	157.5E6	1163.582	598.654 #
27)	Chlordane-5	6.052	0.000	347.6E6	0	11449.192	N.D. #

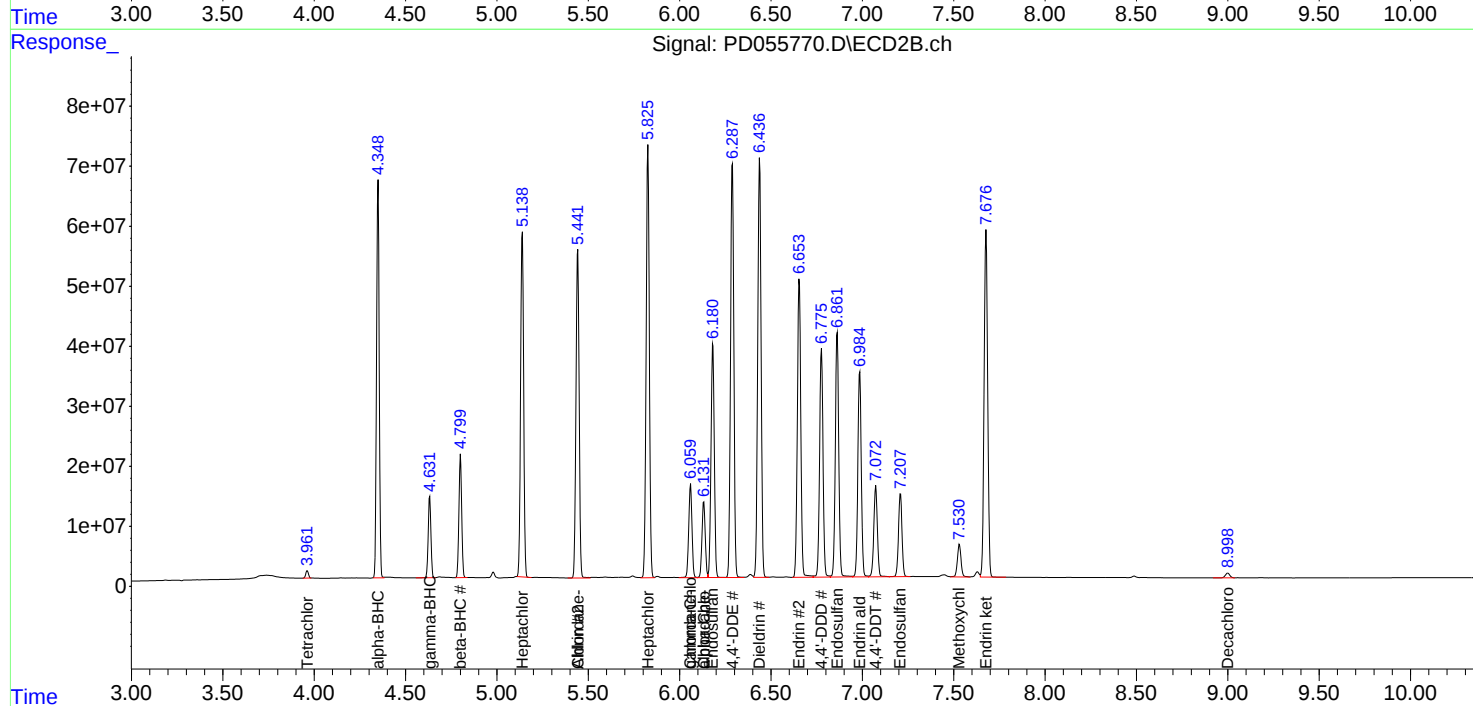
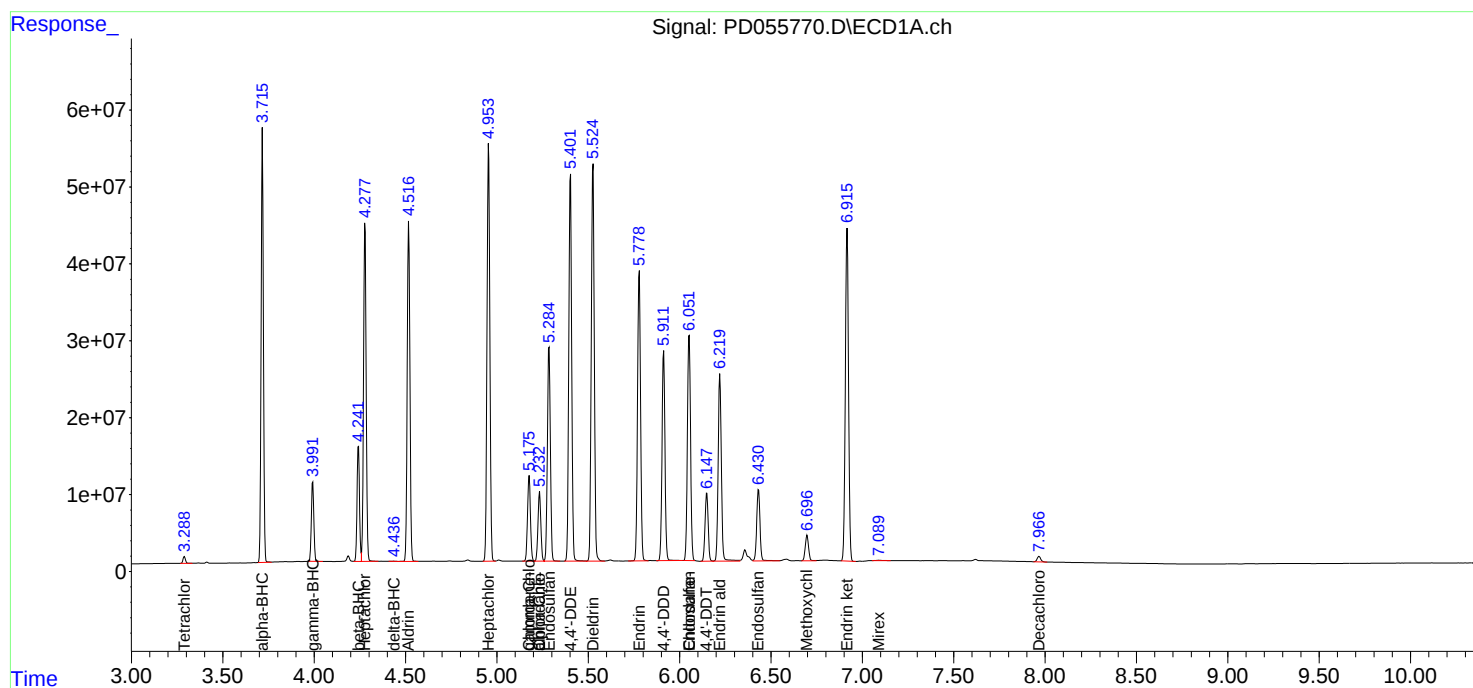
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

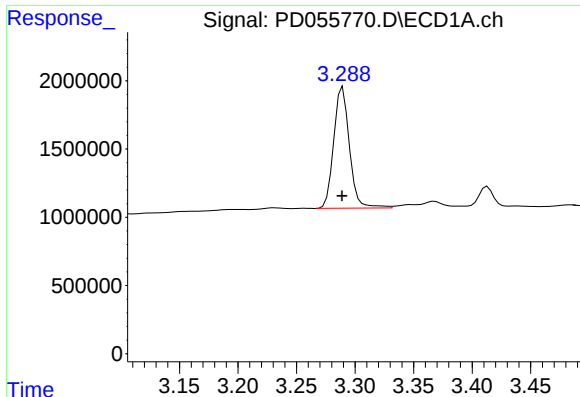
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 17:16
Operator : SG\AJ
Sample : K5609-19DL 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:05:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
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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

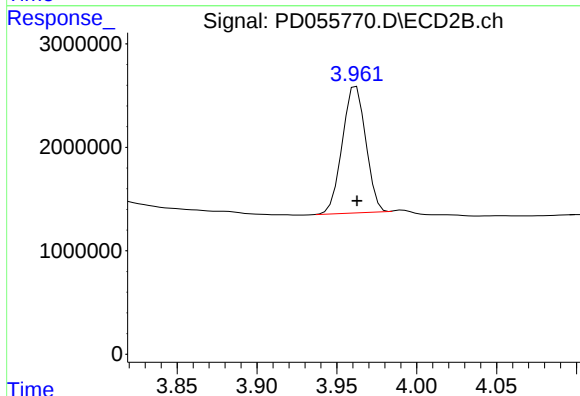




#1 Tetrachloro-m-xylene

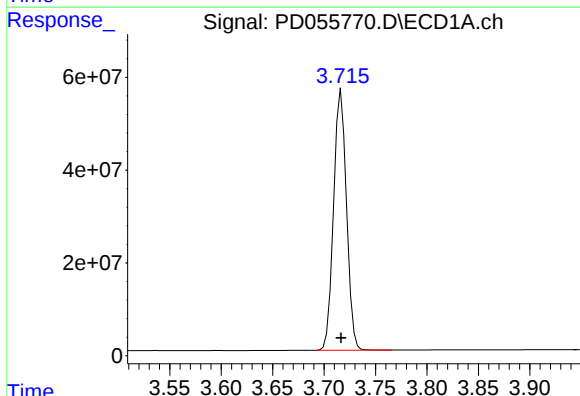
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 8292290
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



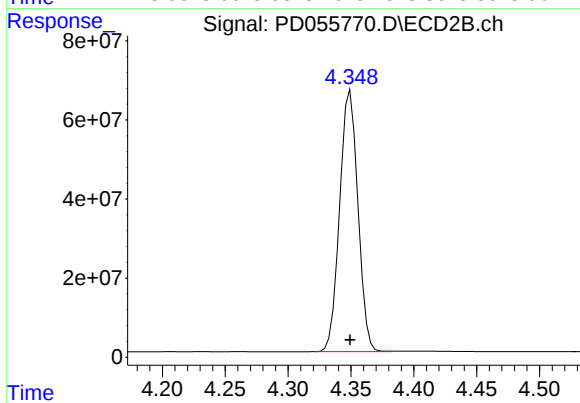
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 12540126
Conc: 10.41 ng/ml



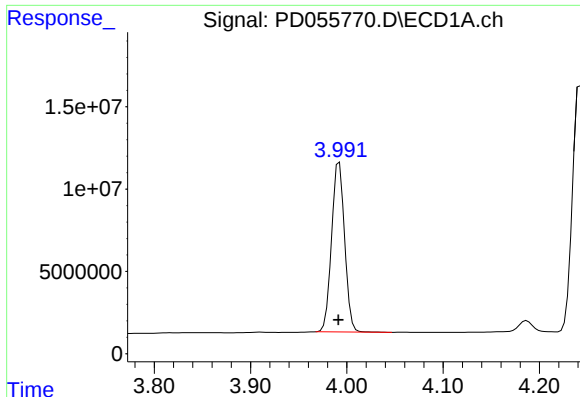
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 490469732
Conc: 386.17 ng/ml



#2 alpha-BHC

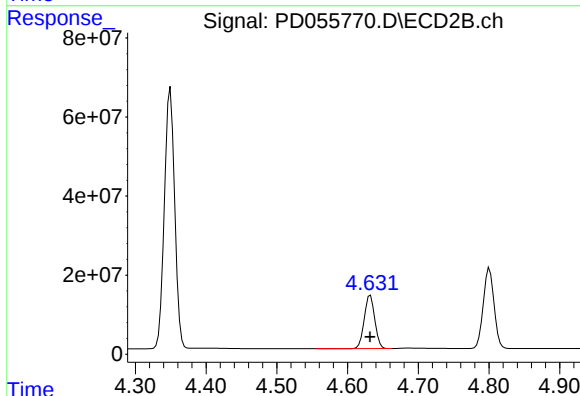
R.T.: 4.350 min
Delta R.T.: 0.000 min
Response: 668931175
Conc: 379.55 ng/ml



#3 gamma-BHC (Lindane)

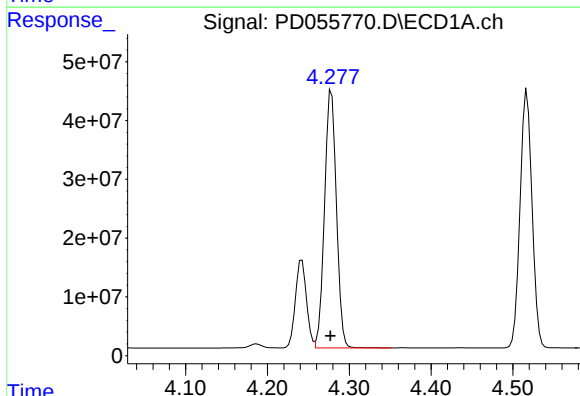
R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 97221585
Conc: 81.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



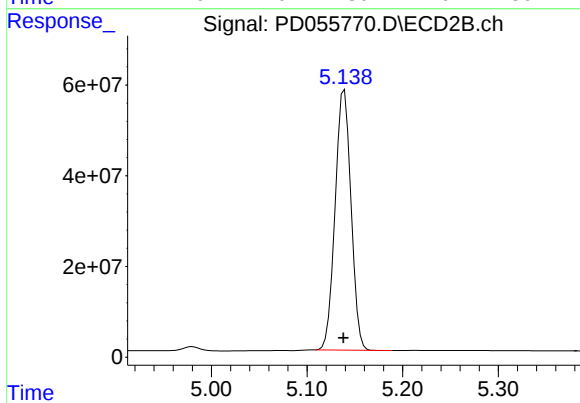
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 139404541
Conc: 81.21 ng/ml



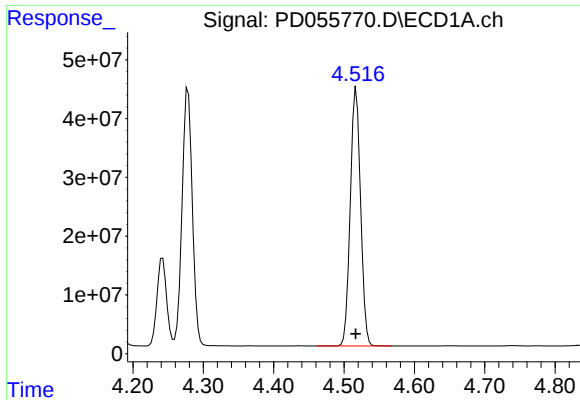
#4 Heptachlor

R.T.: 4.278 min
Delta R.T.: 0.001 min
Response: 443732801
Conc: 416.52 ng/ml



#4 Heptachlor

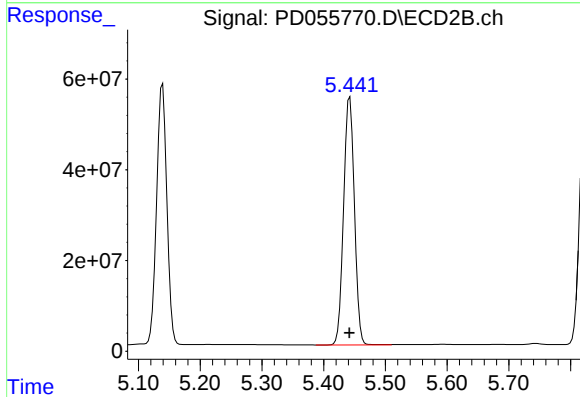
R.T.: 5.139 min
Delta R.T.: 0.001 min
Response: 662537290
Conc: 382.36 ng/ml



#5 Aldrin

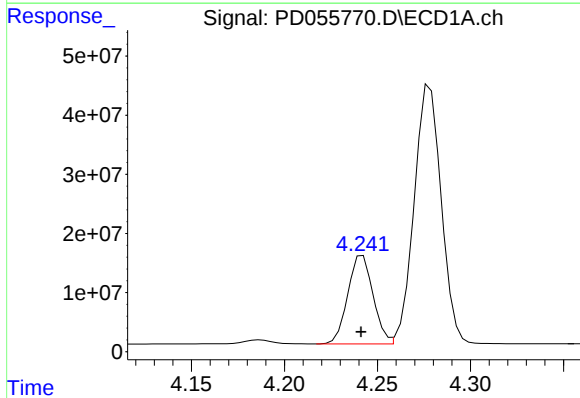
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 447389101
Conc: 408.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



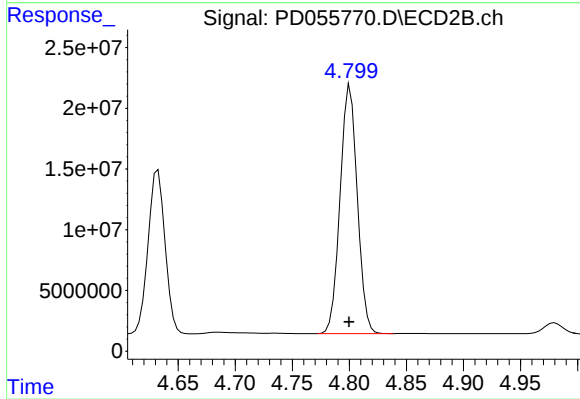
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 665100123
Conc: 397.35 ng/ml



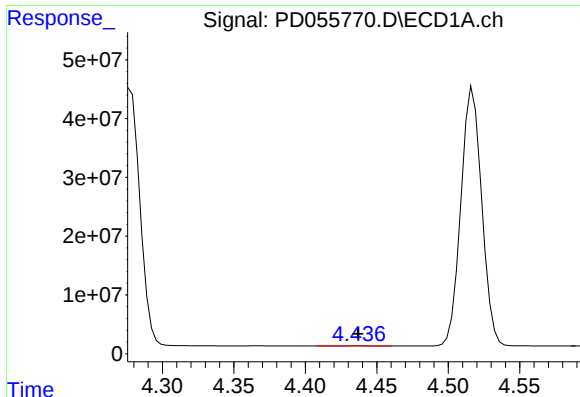
#6 beta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 141619775
Conc: 280.96 ng/ml



#6 beta-BHC

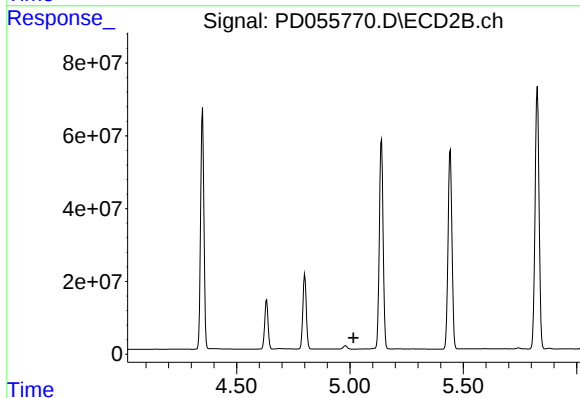
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 214858849
Conc: 270.32 ng/ml



#7 delta-BHC

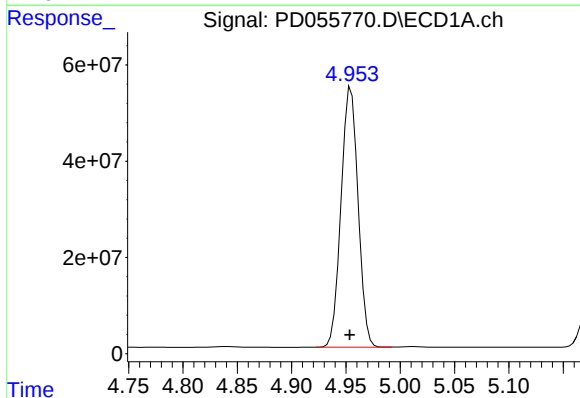
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 224743
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



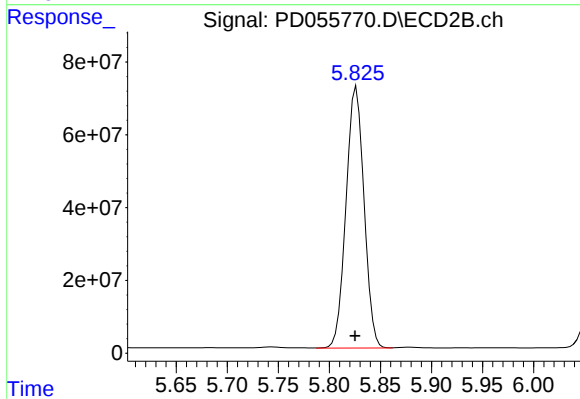
#7 delta-BHC

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



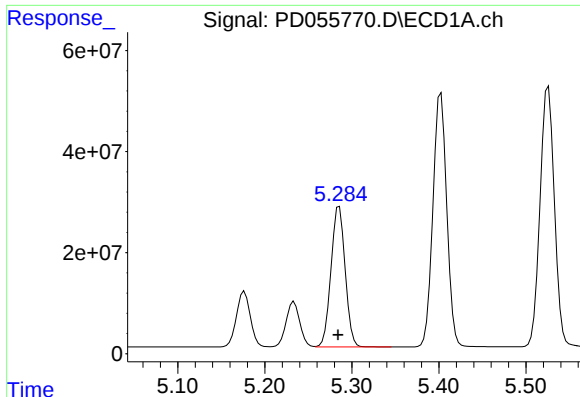
#8 Heptachlor epoxide

R.T.: 4.955 min
Delta R.T.: 0.001 min
Response: 590972732
Conc: 574.34 ng/ml



#8 Heptachlor epoxide

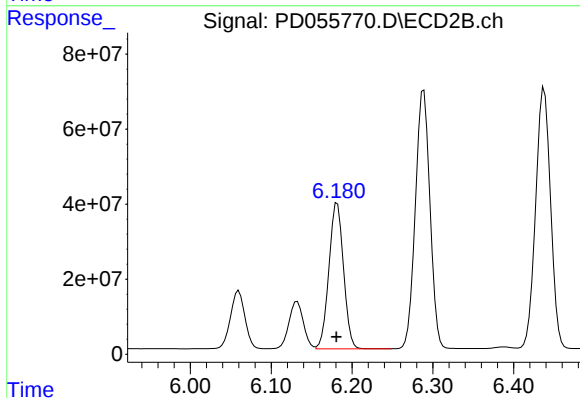
R.T.: 5.827 min
Delta R.T.: 0.001 min
Response: 882126624
Conc: 546.25 ng/ml



#9 Endosulfan I

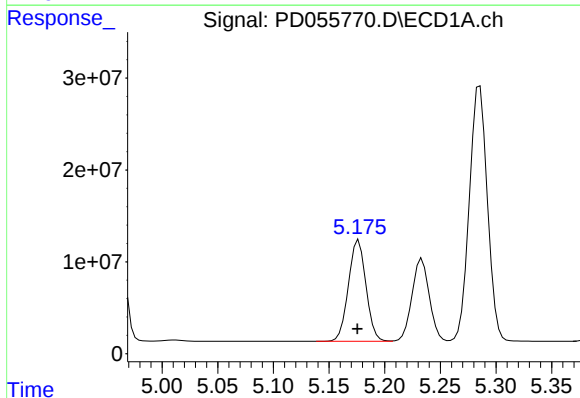
R.T.: 5.285 min
Delta R.T.: 0.001 min
Response: 314071245
Conc: 322.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



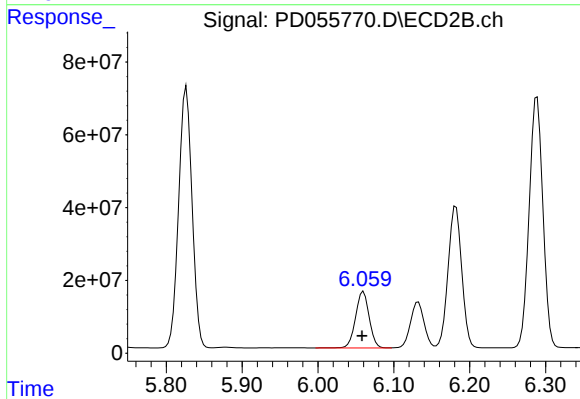
#9 Endosulfan I

R.T.: 6.182 min
Delta R.T.: 0.001 min
Response: 487528680
Conc: 310.41 ng/ml



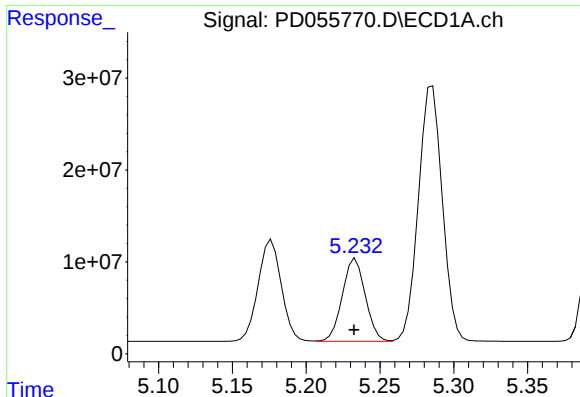
#10 gamma-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 121360299
Conc: 113.73 ng/ml



#10 gamma-Chlordane

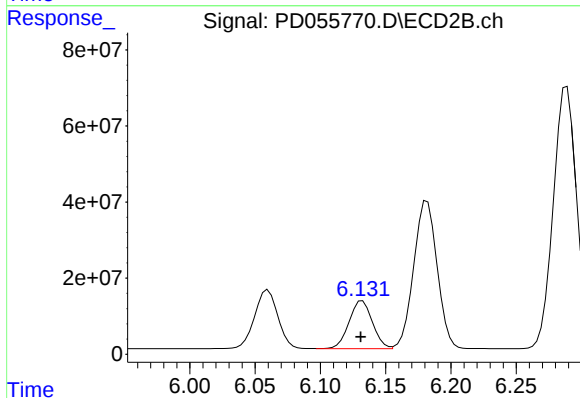
R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 193471186
Conc: 112.22 ng/ml



#11 alpha-Chlordane

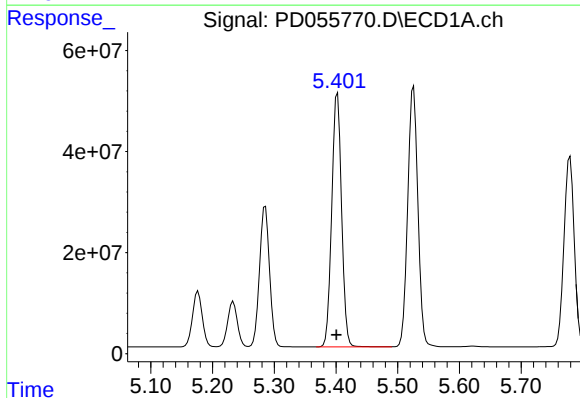
R.T.: 5.234 min
Delta R.T.: 0.001 min
Response: 97854268
Conc: 92.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



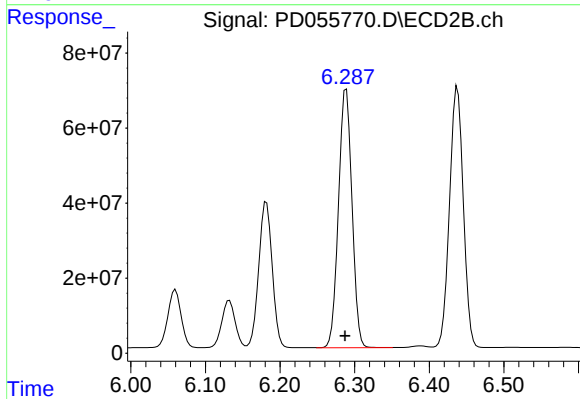
#11 alpha-Chlordane

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 157475402
Conc: 91.66 ng/ml



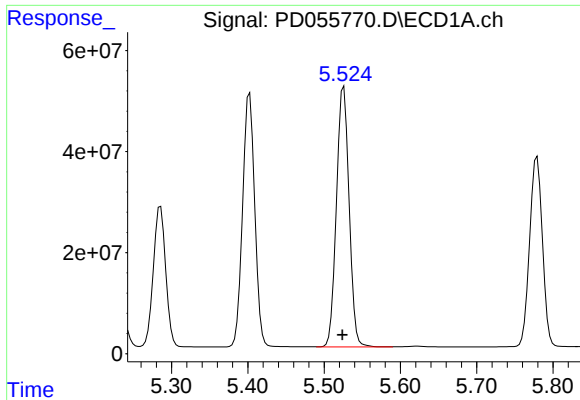
#12 4,4'-DDE

R.T.: 5.402 min
Delta R.T.: 0.002 min
Response: 555491765
Conc: 564.35 ng/ml



#12 4,4'-DDE

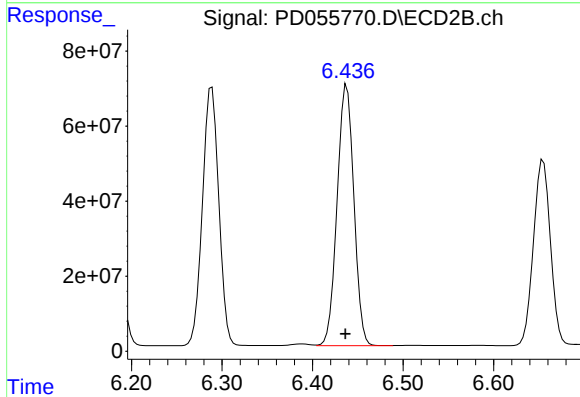
R.T.: 6.289 min
Delta R.T.: 0.001 min
Response: 867714729
Conc: 542.50 ng/ml



#13 Dieldrin

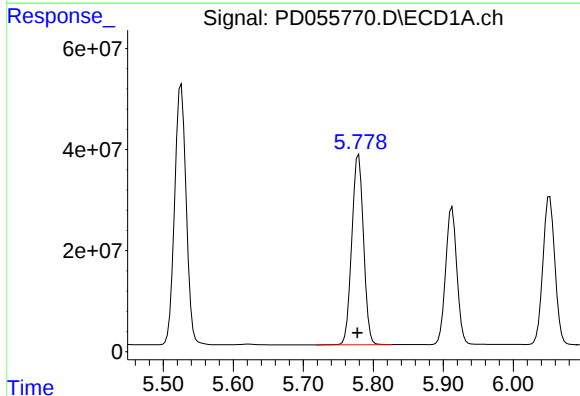
R.T.: 5.526 min
Delta R.T.: 0.001 min
Response: 592040900
Conc: 558.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



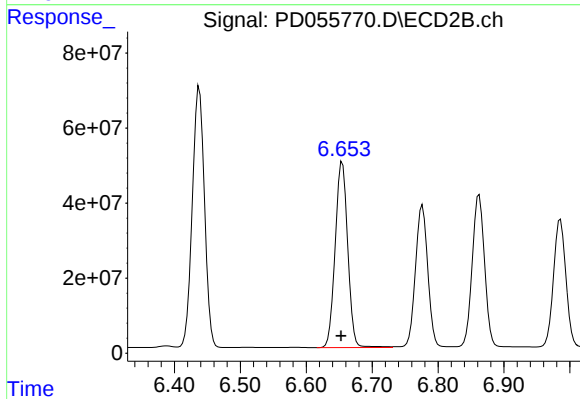
#13 Dieldrin

R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 895535337
Conc: 530.00 ng/ml



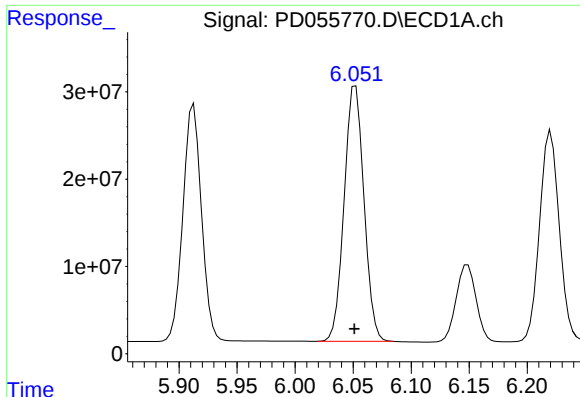
#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 437409469
Conc: 456.10 ng/ml



#14 Endrin

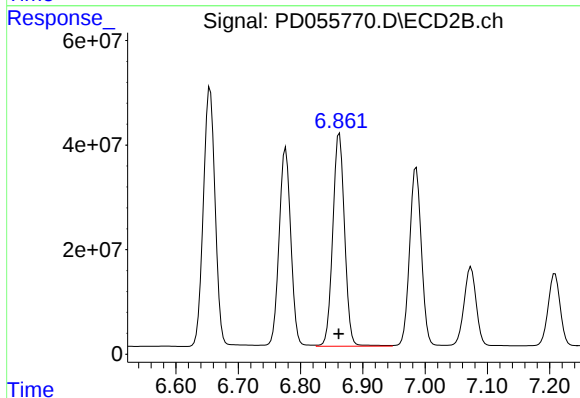
R.T.: 6.655 min
Delta R.T.: 0.002 min
Response: 654474518
Conc: 453.75 ng/ml



#15 Endosulfan II

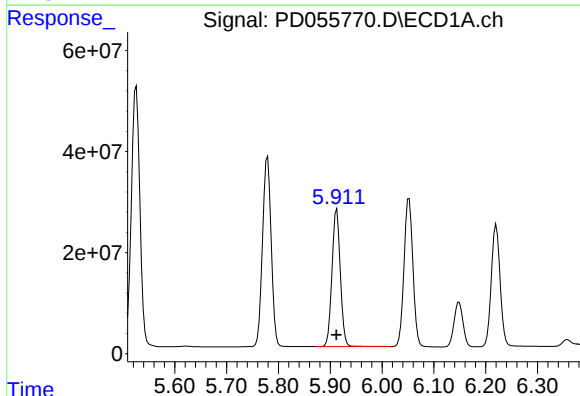
R.T.: 6.052 min
Delta R.T.: 0.001 min
Response: 347638914
Conc: 358.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



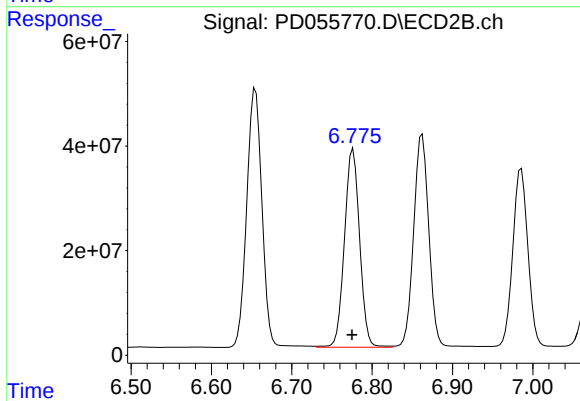
#15 Endosulfan II

R.T.: 6.862 min
Delta R.T.: 0.001 min
Response: 535908070
Conc: 345.06 ng/ml



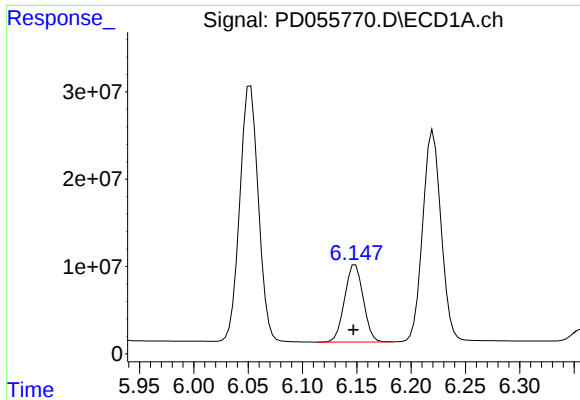
#16 4,4'-DDD

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 304439517
Conc: 378.66 ng/ml



#16 4,4'-DDD

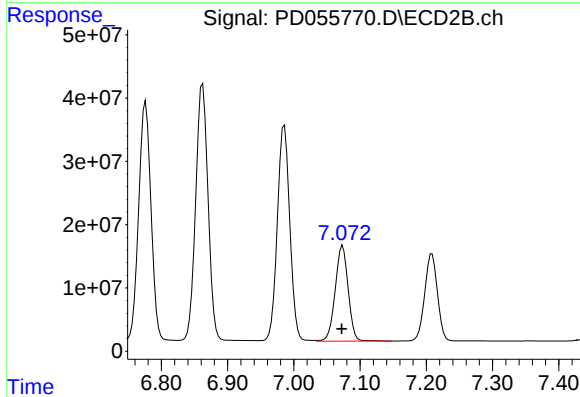
R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 496949715
Conc: 363.67 ng/ml



#17 4,4'-DDT

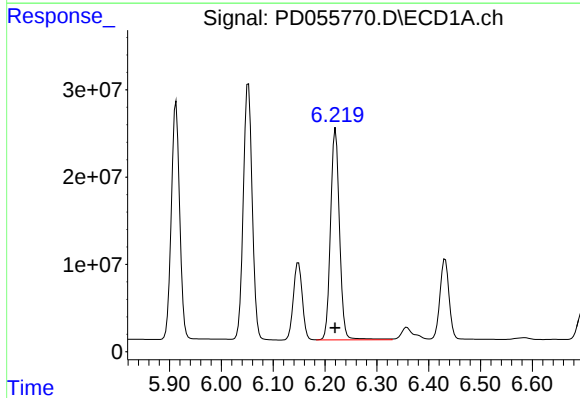
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 105980430
Conc: 148.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



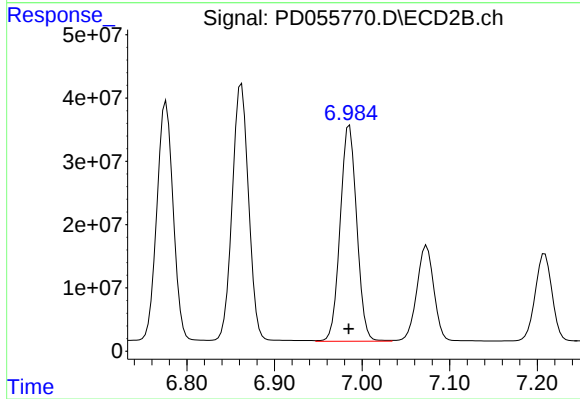
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 205546899
Conc: 154.01 ng/ml



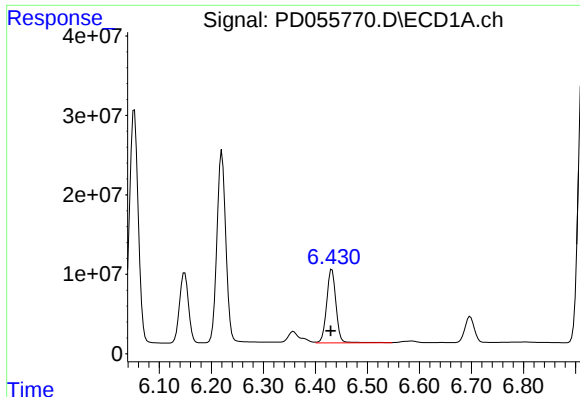
#18 Endrin aldehyde

R.T.: 6.220 min
Delta R.T.: 0.001 min
Response: 292709809
Conc: 350.27 ng/ml



#18 Endrin aldehyde

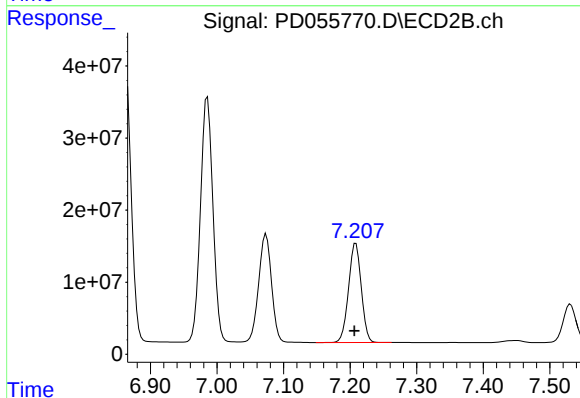
R.T.: 6.986 min
Delta R.T.: 0.001 min
Response: 449130932
Conc: 334.93 ng/ml



#19 Endosulfan Sulfate

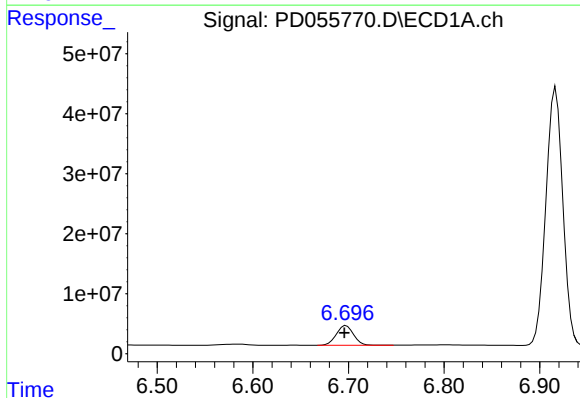
R.T.: 6.432 min
Delta R.T.: 0.002 min
Response: 115754610
Conc: 129.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD



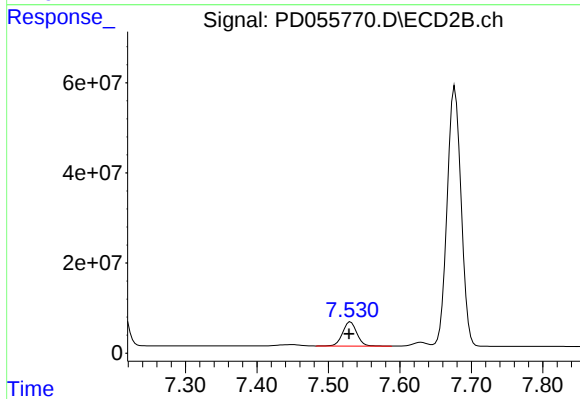
#19 Endosulfan Sulfate

R.T.: 7.209 min
Delta R.T.: 0.002 min
Response: 184005366
Conc: 126.47 ng/ml



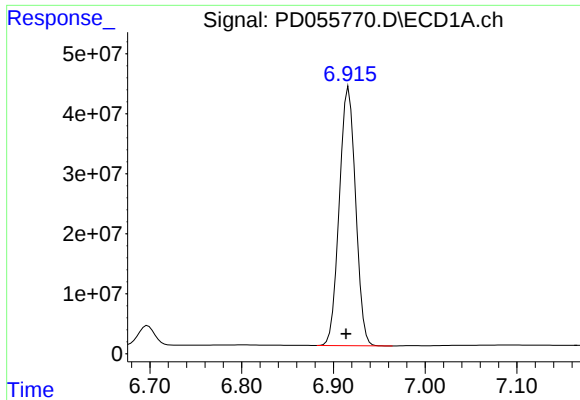
#20 Methoxychlor

R.T.: 6.698 min
Delta R.T.: 0.002 min
Response: 41636137
Conc: 106.26 ng/ml



#20 Methoxychlor

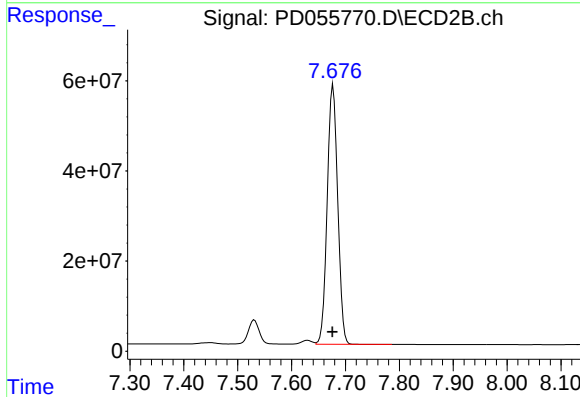
R.T.: 7.531 min
Delta R.T.: 0.002 min
Response: 75734280
Conc: 94.67 ng/ml



#21 Endrin ketone

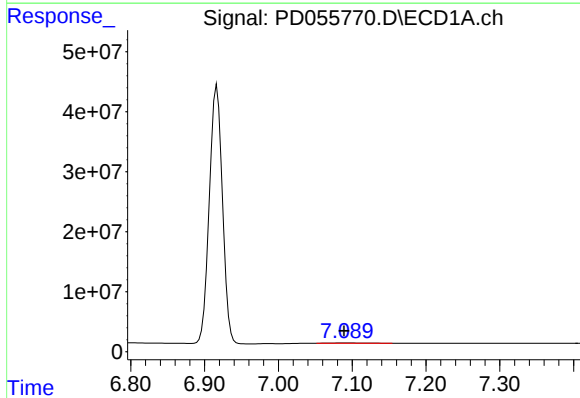
R.T.: 6.917 min
Delta R.T.: 0.003 min
Response: 530864447
Conc: 507.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



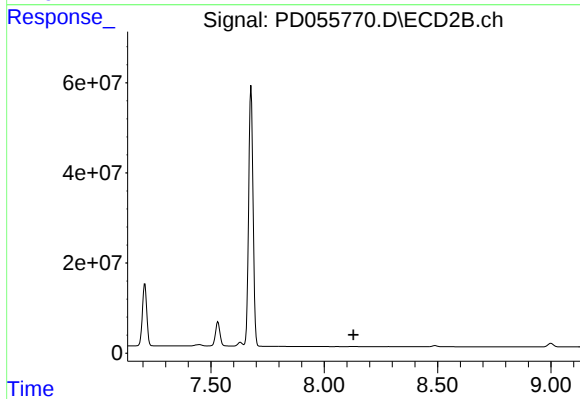
#21 Endrin ketone

R.T.: 7.677 min
Delta R.T.: 0.002 min
Response: 780588782
Conc: 470.57 ng/ml



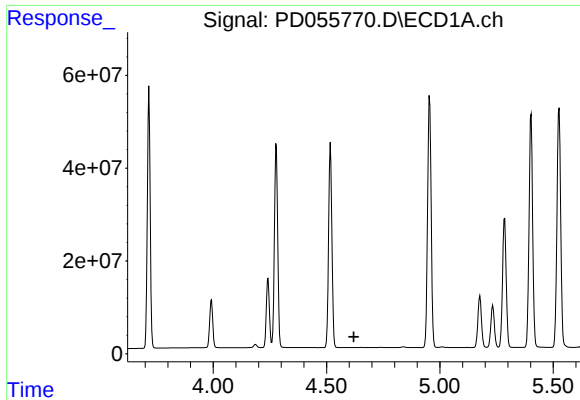
#22 Mirex

R.T.: 7.091 min
Delta R.T.: 0.002 min
Response: 1214264
Conc: 1.47 ng/ml



#22 Mirex

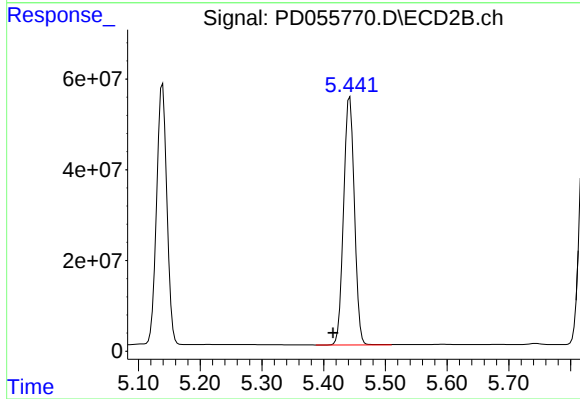
R.T.: 0.000 min
Exp R.T.: 8.130 min
Response: 0
Conc: N.D.



#24 Chlordane-2

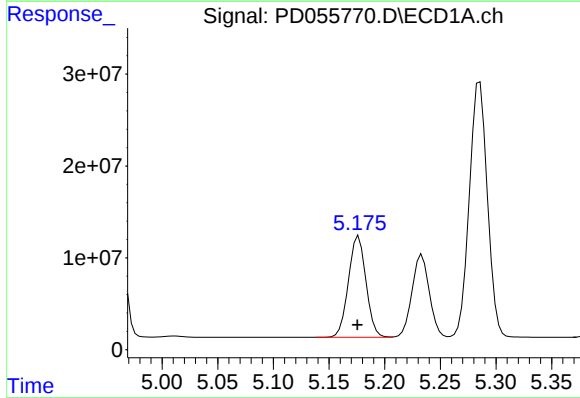
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



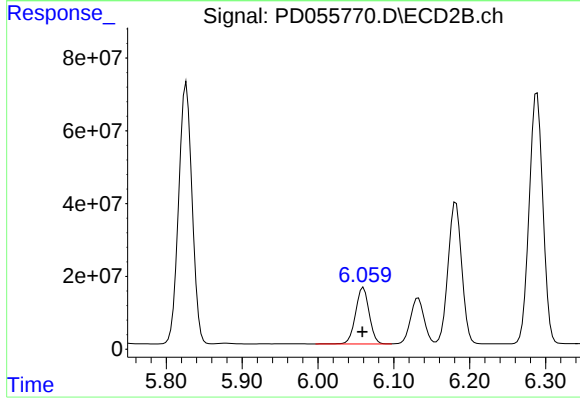
#24 Chlordane-2

R.T.: 5.442 min
Delta R.T.: 0.027 min
Response: 665100123
Conc: 12661.39 ng/ml



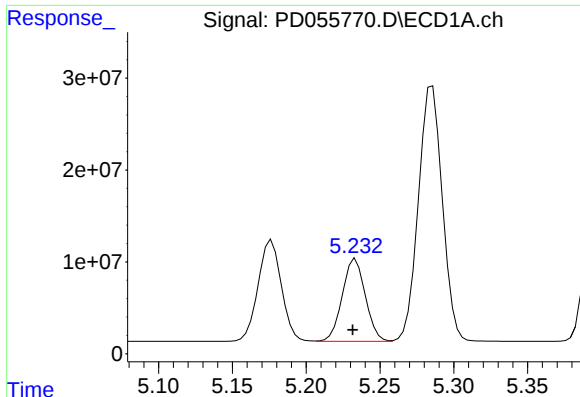
#25 Chlordane-3

R.T.: 5.177 min
Delta R.T.: 0.001 min
Response: 121360299
Conc: 1261.98 ng/ml



#25 Chlordane-3

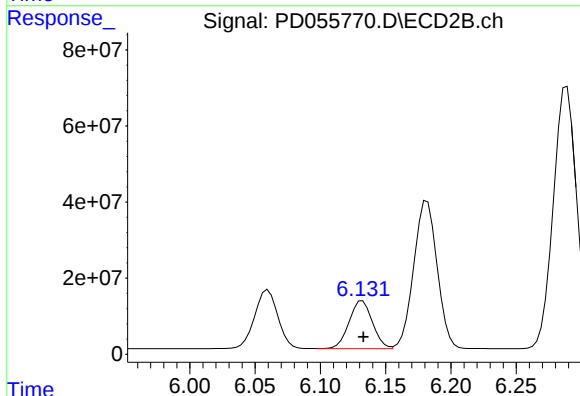
R.T.: 6.060 min
Delta R.T.: 0.001 min
Response: 193471186
Conc: 883.51 ng/ml



#26 Chlordane-4

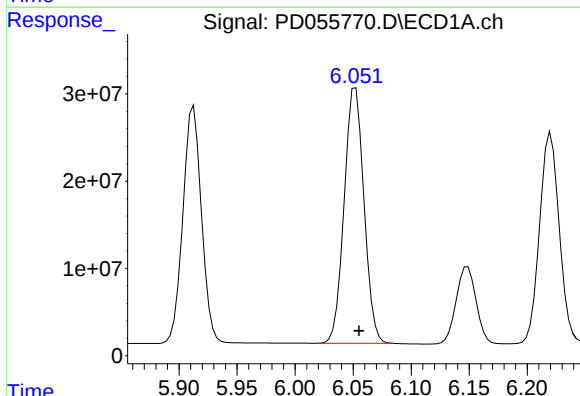
R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 97854268
Conc: 1163.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



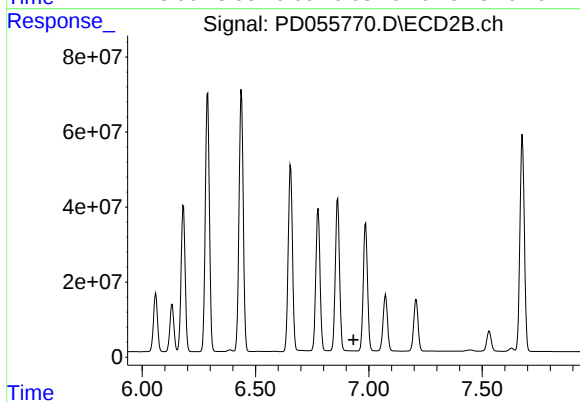
#26 Chlordane-4

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 157475402
Conc: 598.65 ng/ml



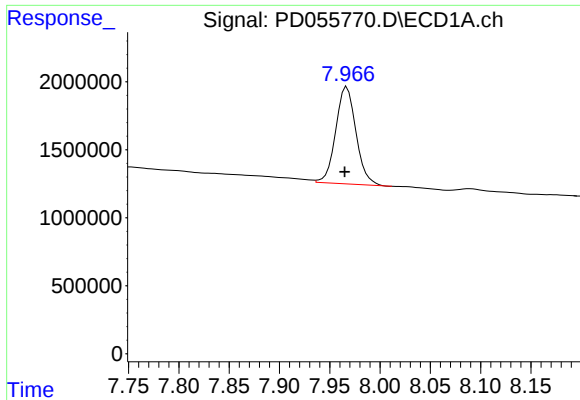
#27 Chlordane-5

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 347638914
Conc: 11449.19 ng/ml



#27 Chlordane-5

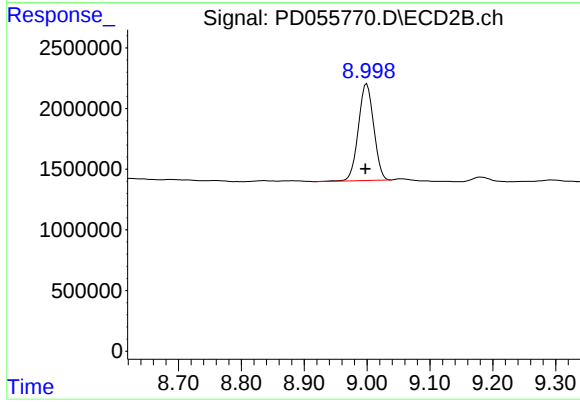
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.967 min
Delta R.T.: 0.002 min
Response: 9861622
Conc: 10.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.002 min
Response: 13549969
Conc: 9.74 ng/ml