

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 17:44
 Operator : SG\AJ
 Sample : K5609-19DL 10X
 Misc :
 ALS Vial : 31 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 04:06:02 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...	3.289	3.962	1922516	2846709	2.255	2.364
28)	SA Decachlor...	7.966	9.000	2320766	3178423	2.453	2.284
Target Compounds							
2)	A alpha-BHC	3.716	4.349	96559709	136.2E6	76.025	77.306
3)	MA gamma-BHC...	3.991	4.632	19356704	28440002	16.159	16.568
4)	MA Heptachlor	4.278	5.138	89295060	139.9E6	83.818	80.764
5)	MB Aldrin	4.517	5.442	90553674	140.4E6	82.750	83.864
6)	B beta-BHC	4.242	4.800	30381975	47553639	60.275	59.828
8)	B Heptachlo...	4.954	5.826	124.5E6	194.0E6	121.030	120.149
9)	A Endosulfan I	5.285	6.181	64854926	103.4E6	66.527	65.818
10)	B gamma-Chl...	5.176	6.059	24752047	40994605	23.195	23.778
11)	B alpha-Chl...	5.233	6.132	20411822	34035853	19.340	19.812
12)	B 4,4'-DDE	5.402	6.288	110.9E6	178.1E6	112.682	111.354
13)	MA Dieldrin	5.525	6.437	121.4E6	188.6E6	114.451	111.595
14)	MA Endrin	5.778	6.654	87384720	131.3E6	91.119	91.005
15)	B Endosulfa...	6.052	6.862	72414716	115.3E6	74.714	74.214
16)	A 4,4'-DDD	5.913	6.776	61477971	102.8E6	76.467	75.251
17)	MA 4,4'-DDT	6.148	7.073	19284792	40120192	26.948	30.060
18)	B Endrin al...	6.220	6.985	68594603	99800496	82.084	74.425
19)	B Endosulfa...	6.431	7.208	28497604	40082341	31.813	27.550
20)	A Methoxychlor	6.697	7.531	9100773	16645861	23.226	20.809
21)	B Endrin ke...	6.916	7.677	115.5E6	172.7E6	110.387	104.084
22)	Mirex	7.091	0.000	1040286	0	1.262	N.D. #
23)	Chlordane-1	0.000	4.980f	0	568636	N.D.	12.253 #
24)	Chlordane-2	0.000	5.442f	0	140.4E6	N.D.	2672.259 #
25)	Chlordane-3	5.176	6.059	24752047	40994605	257.388	187.207 #
26)	Chlordane-4	5.233	6.132	20411822	34035853	242.716	129.390 #
27)	Chlordane-5	6.052	0.000	72414716	0	2384.917	N.D. #

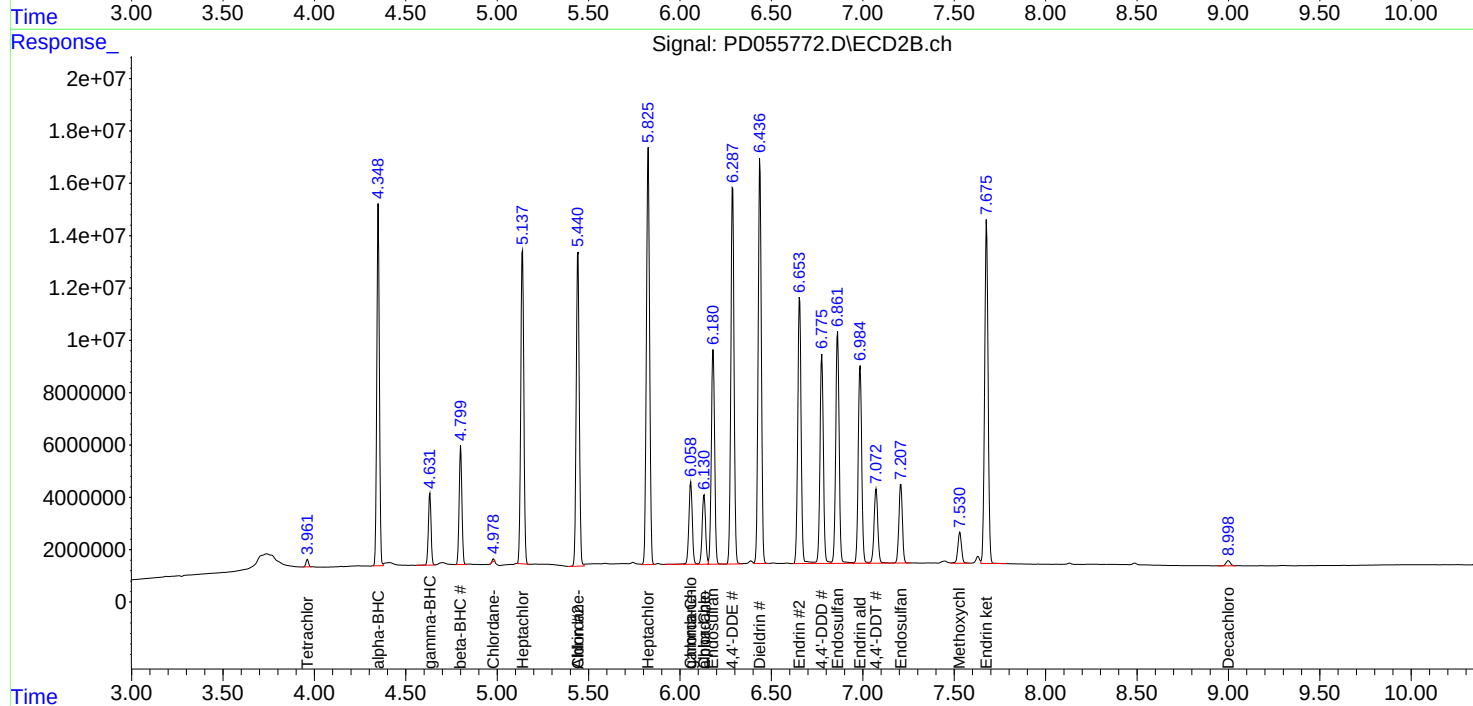
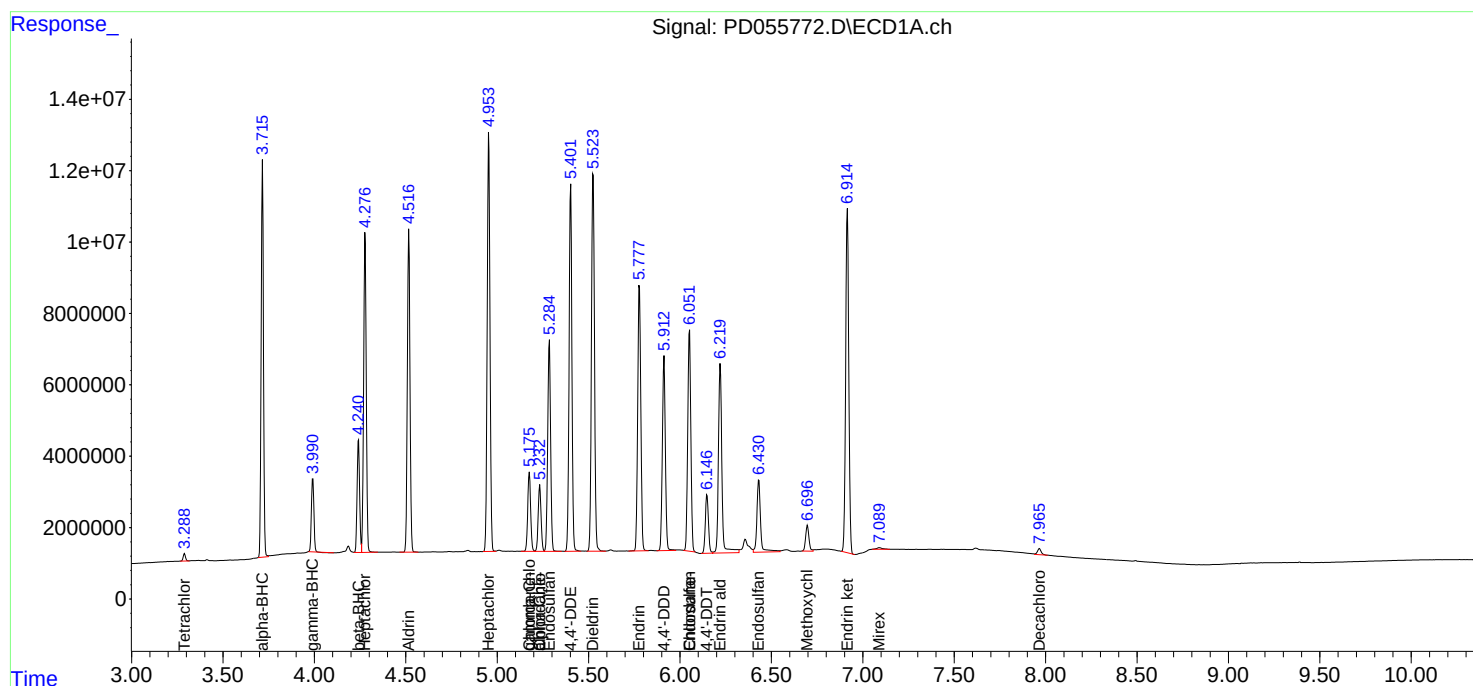
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

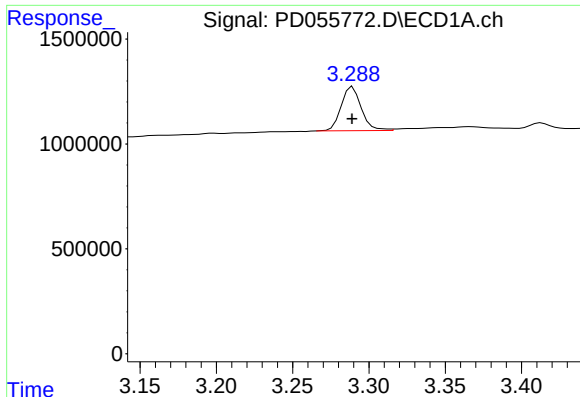
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055772.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 17:44
Operator : SG\AJ
Sample : K5609-19DL 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
PT-PEST-SOILD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:06:02 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
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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

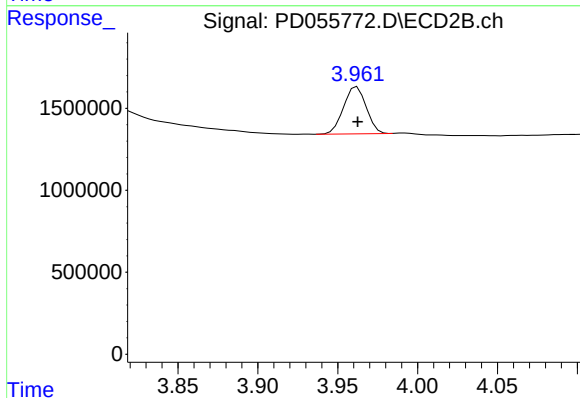




#1 Tetrachloro-m-xylene

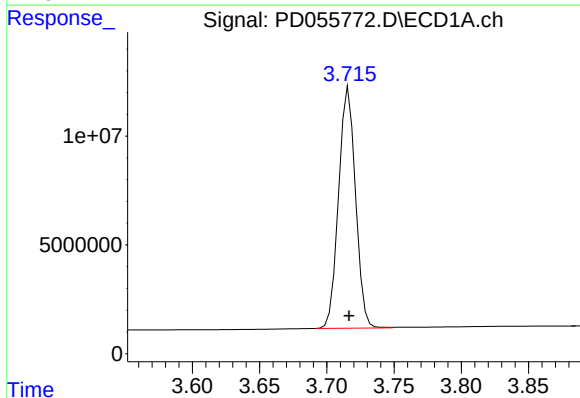
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 1922516
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



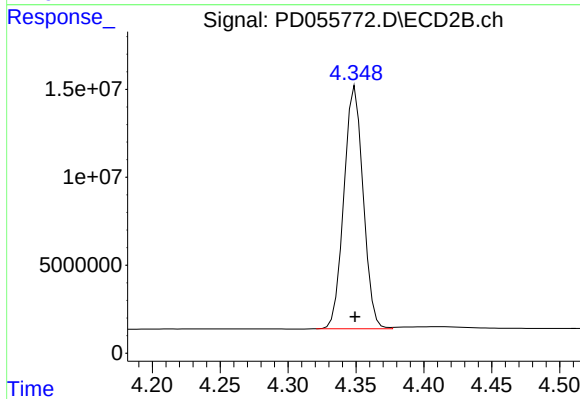
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 2846709
Conc: 2.36 ng/ml



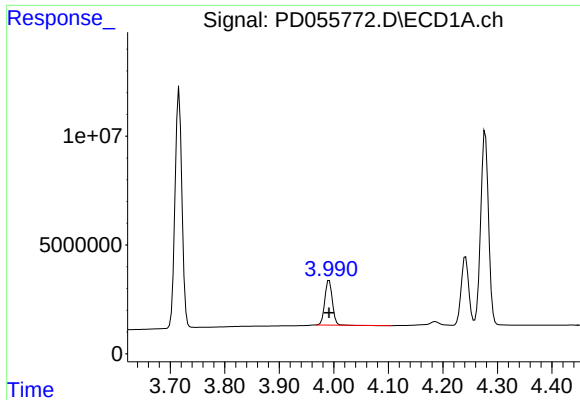
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 96559709
Conc: 76.03 ng/ml



#2 alpha-BHC

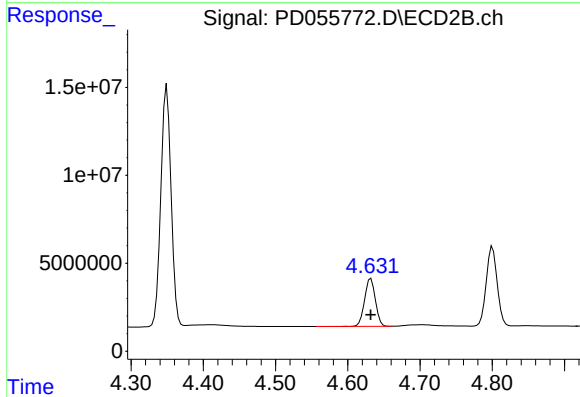
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 136247945
Conc: 77.31 ng/ml



#3 gamma-BHC (Lindane)

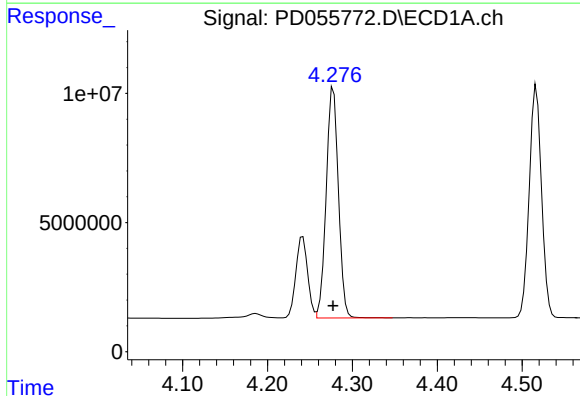
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 19356704
Conc: 16.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



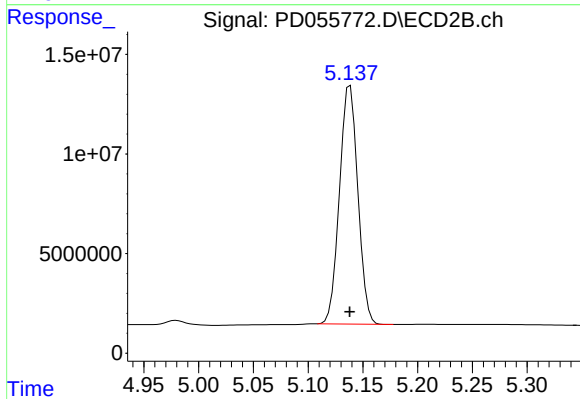
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 28440002
Conc: 16.57 ng/ml



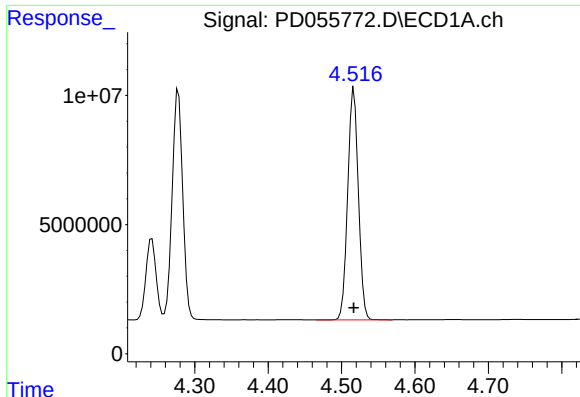
#4 Heptachlor

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 89295060
Conc: 83.82 ng/ml



#4 Heptachlor

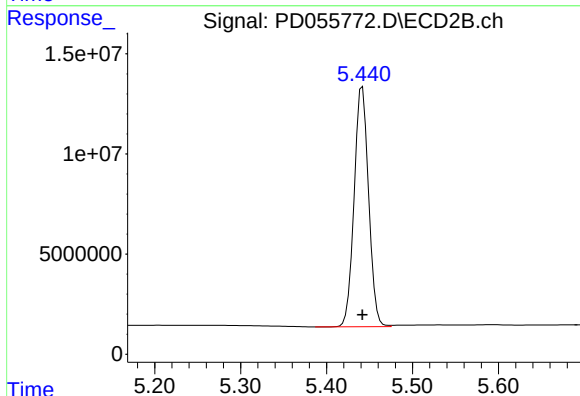
R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 139945225
Conc: 80.76 ng/ml



#5 Aldrin

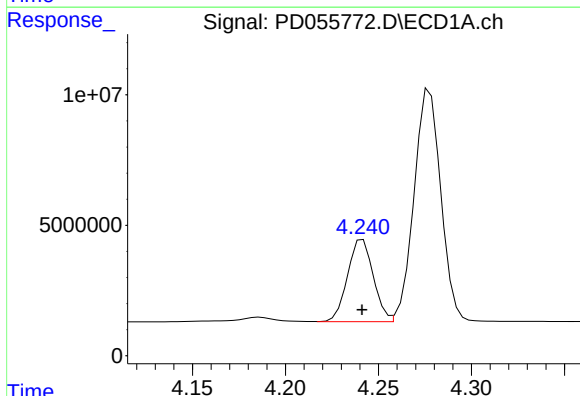
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 90553674
Conc: 82.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



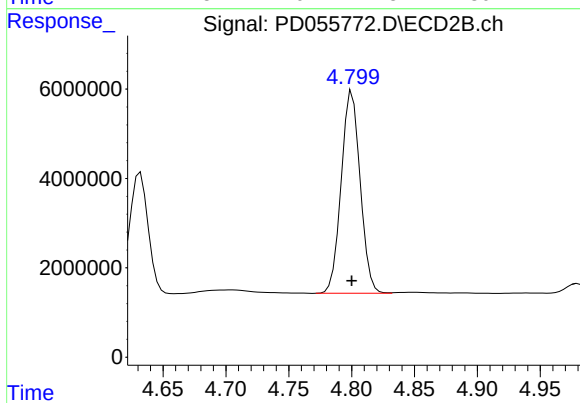
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 140373184
Conc: 83.86 ng/ml



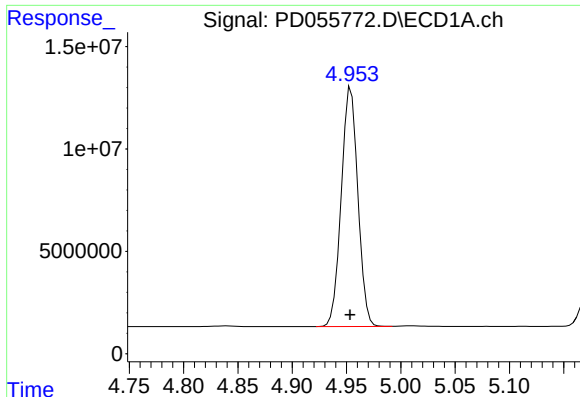
#6 beta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 30381975
Conc: 60.27 ng/ml



#6 beta-BHC

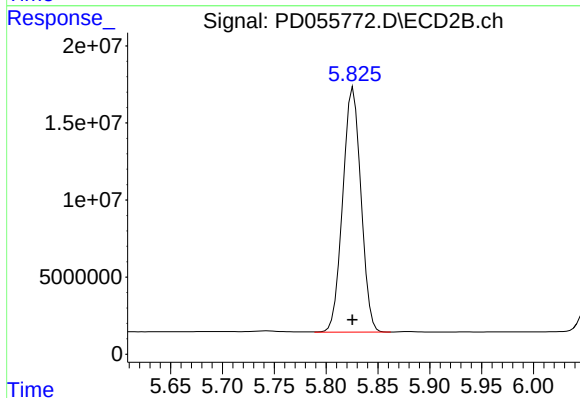
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 47553639
Conc: 59.83 ng/ml



#8 Heptachlor epoxide

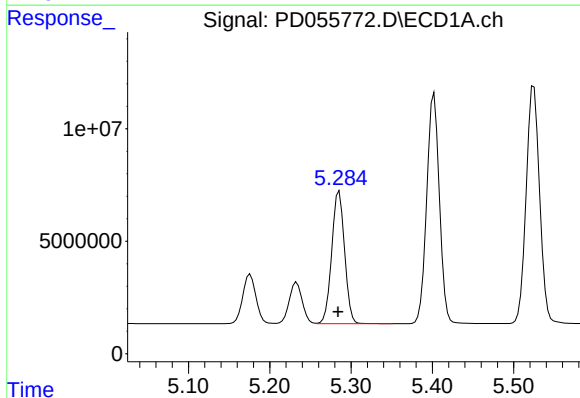
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 124535466
Conc: 121.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



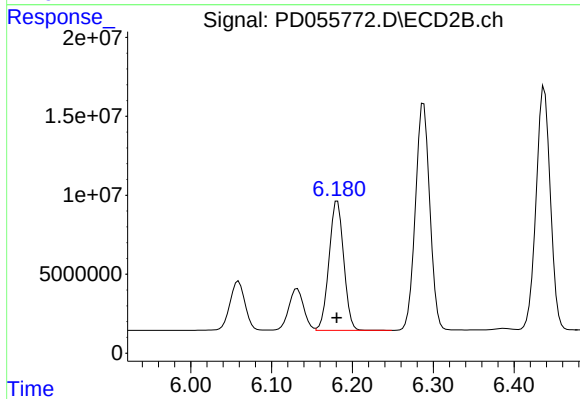
#8 Heptachlor epoxide

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 194026052
Conc: 120.15 ng/ml



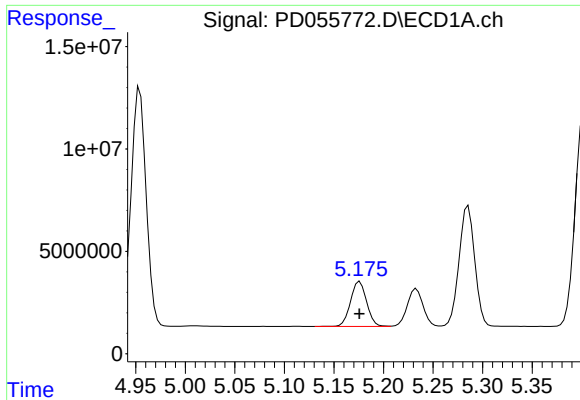
#9 Endosulfan I

R.T.: 5.285 min
Delta R.T.: 0.001 min
Response: 64854926
Conc: 66.53 ng/ml



#9 Endosulfan I

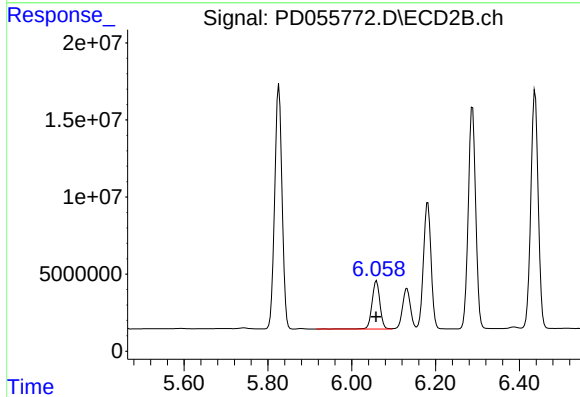
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 103373147
Conc: 65.82 ng/ml



#10 gamma-Chlordane

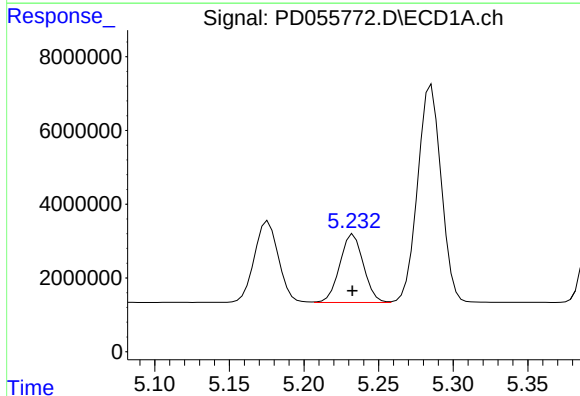
R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 24752047
Conc: 23.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



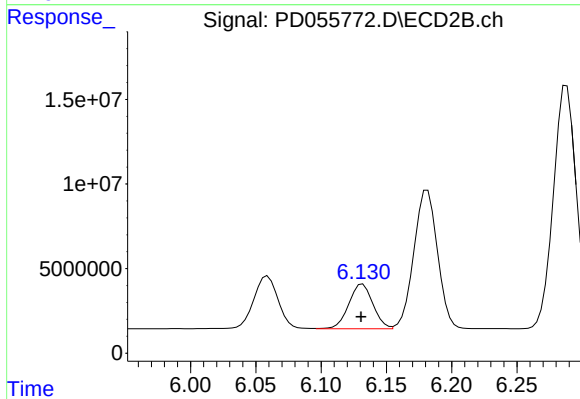
#10 gamma-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 40994605
Conc: 23.78 ng/ml



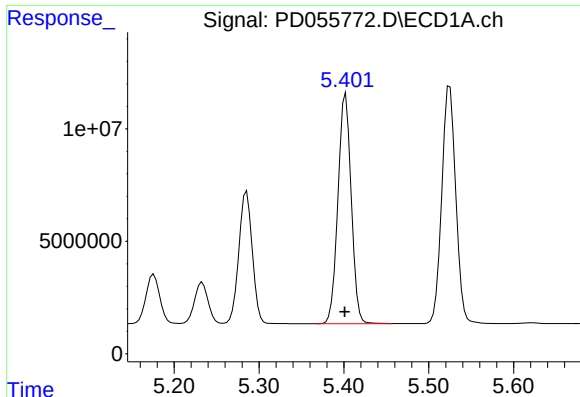
#11 alpha-Chlordane

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 20411822
Conc: 19.34 ng/ml



#11 alpha-Chlordane

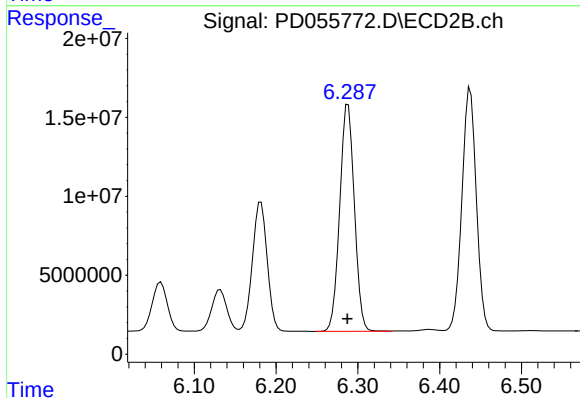
R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 34035853
Conc: 19.81 ng/ml



#12 4,4'-DDE

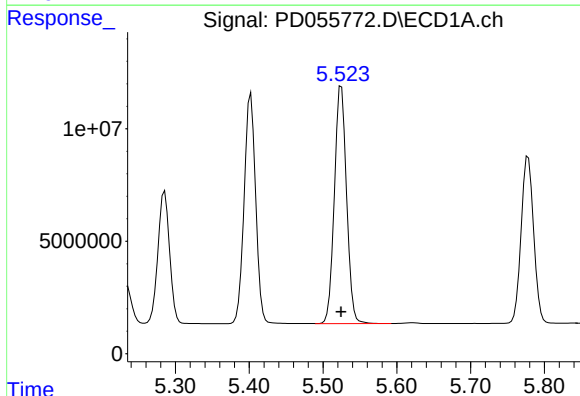
R.T.: 5.402 min
Delta R.T.: 0.001 min
Response: 110913128
Conc: 112.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



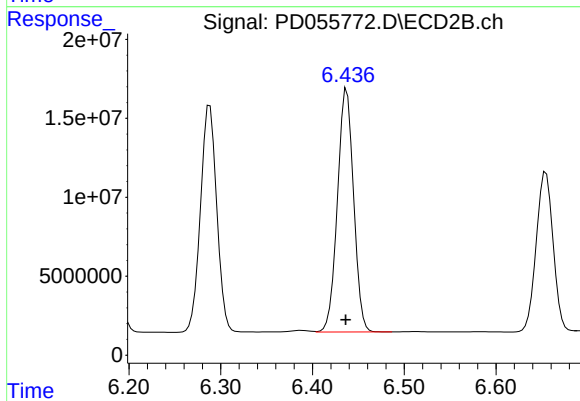
#12 4,4'-DDE

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 178106964
Conc: 111.35 ng/ml



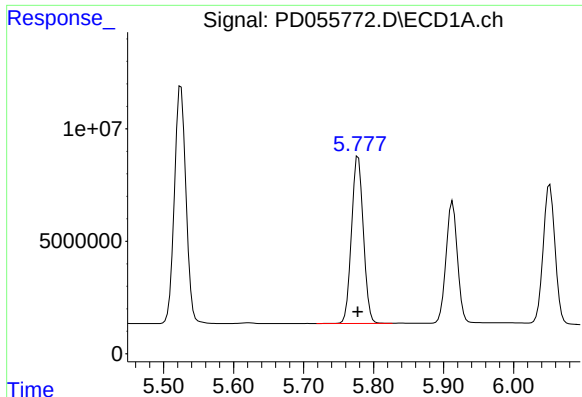
#13 Dieldrin

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 121398236
Conc: 114.45 ng/ml



#13 Dieldrin

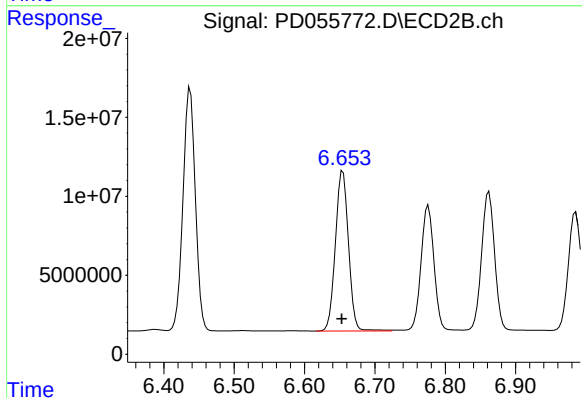
R.T.: 6.437 min
Delta R.T.: 0.001 min
Response: 188559516
Conc: 111.60 ng/ml



#14 Endrin

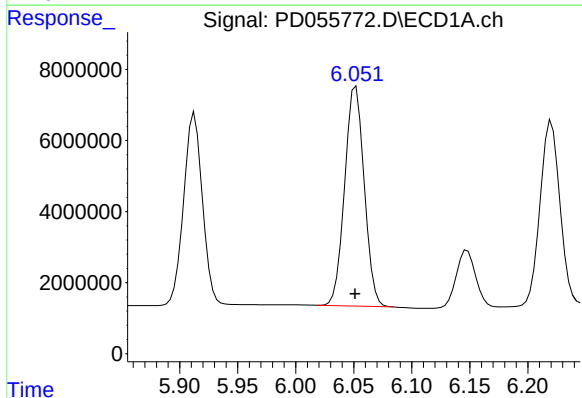
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 87384720
Conc: 91.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD



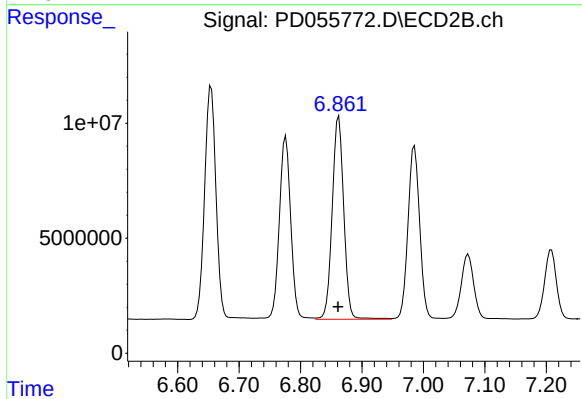
#14 Endrin

R.T.: 6.654 min
Delta R.T.: 0.002 min
Response: 131263664
Conc: 91.00 ng/ml



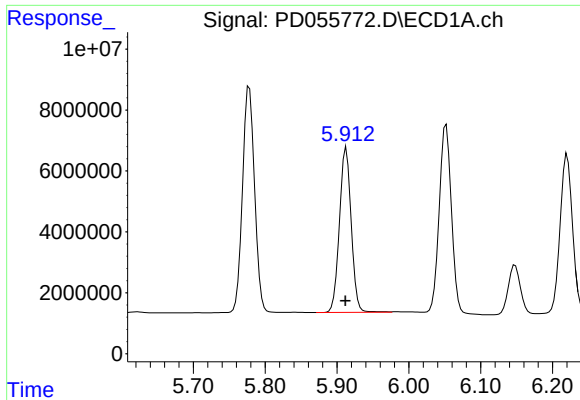
#15 Endosulfan II

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 72414716
Conc: 74.71 ng/ml



#15 Endosulfan II

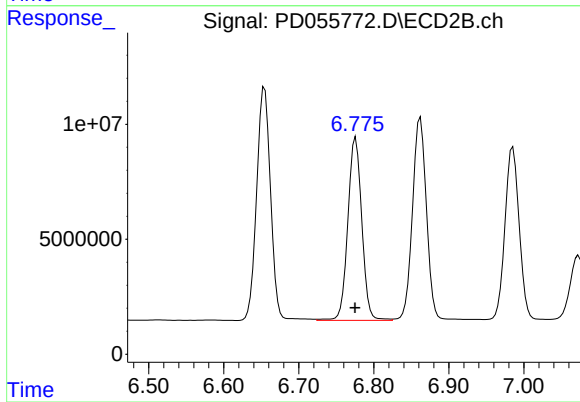
R.T.: 6.862 min
Delta R.T.: 0.000 min
Response: 115261431
Conc: 74.21 ng/ml



#16 4,4'-DDD

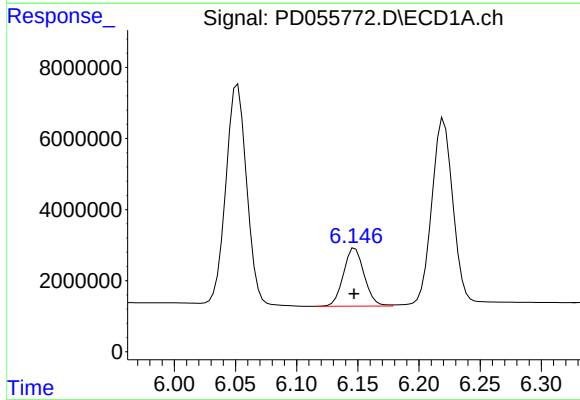
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 61477971
Conc: 76.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



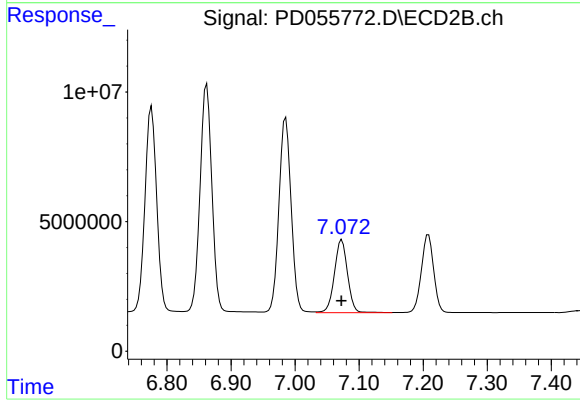
#16 4,4'-DDD

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 102830531
Conc: 75.25 ng/ml



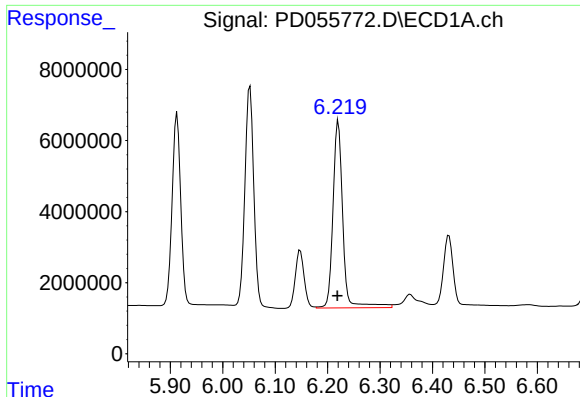
#17 4,4'-DDT

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 19284792
Conc: 26.95 ng/ml



#17 4,4'-DDT

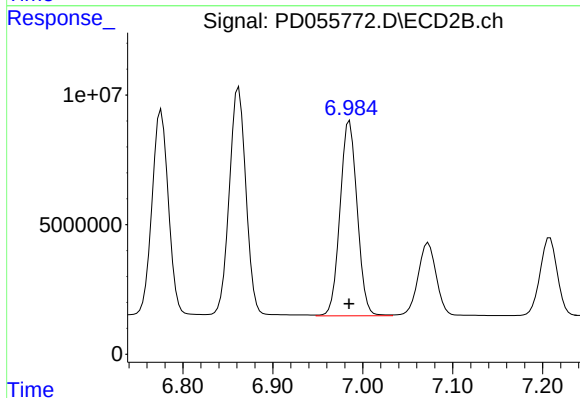
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 40120192
Conc: 30.06 ng/ml



#18 Endrin aldehyde

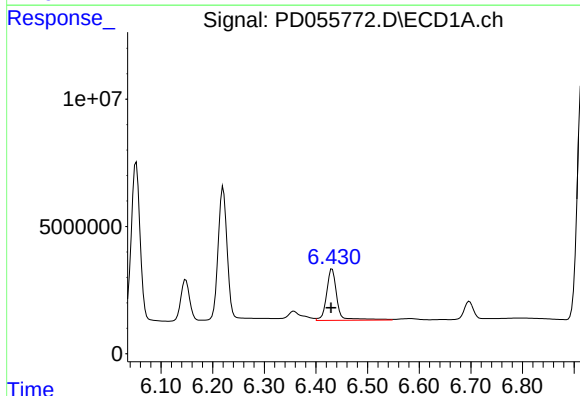
R.T.: 6.220 min
Delta R.T.: 0.001 min
Response: 68594603
Conc: 82.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD



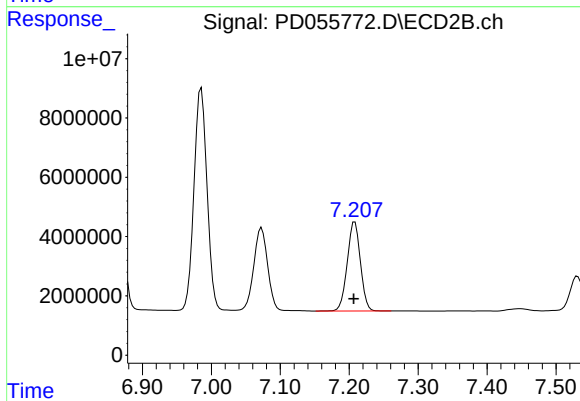
#18 Endrin aldehyde

R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 99800496
Conc: 74.43 ng/ml



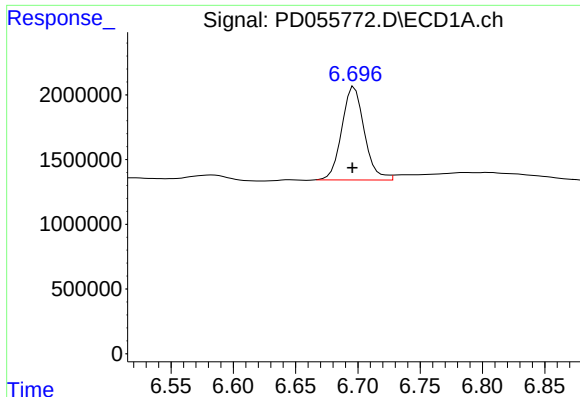
#19 Endosulfan Sulfate

R.T.: 6.431 min
Delta R.T.: 0.002 min
Response: 28497604
Conc: 31.81 ng/ml



#19 Endosulfan Sulfate

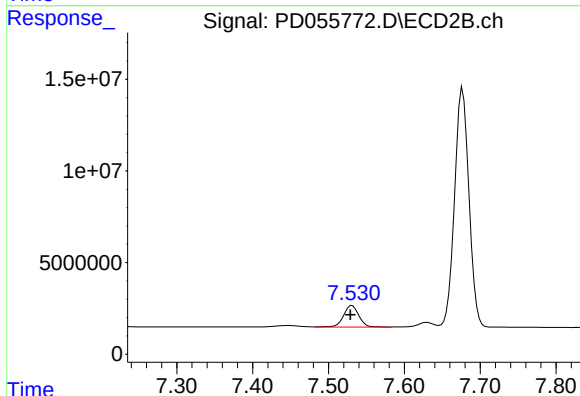
R.T.: 7.208 min
Delta R.T.: 0.002 min
Response: 40082341
Conc: 27.55 ng/ml



#20 Methoxychlor

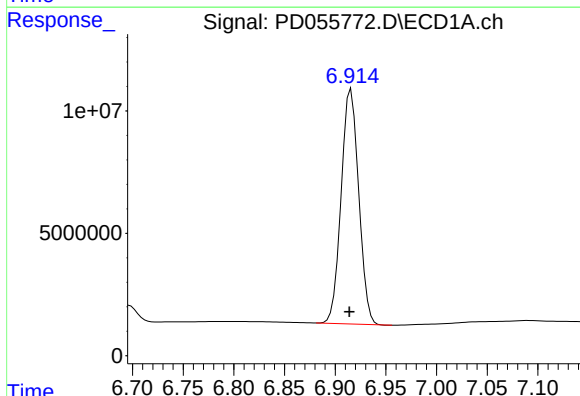
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 9100773
Conc: 23.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD_L



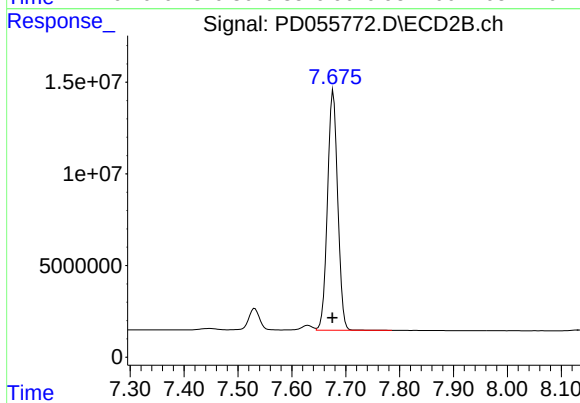
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.002 min
Response: 16645861
Conc: 20.81 ng/ml



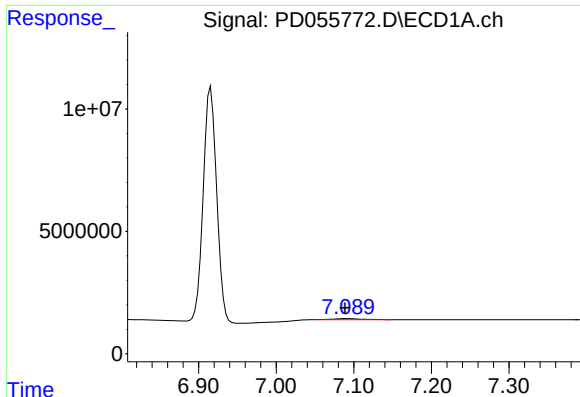
#21 Endrin ketone

R.T.: 6.916 min
Delta R.T.: 0.002 min
Response: 115504573
Conc: 110.39 ng/ml



#21 Endrin ketone

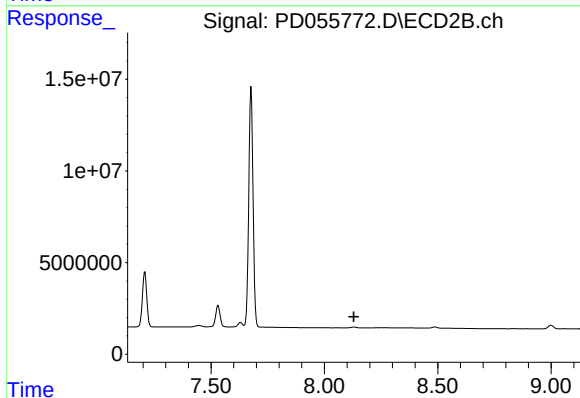
R.T.: 7.677 min
Delta R.T.: 0.001 min
Response: 172656489
Conc: 104.08 ng/ml



#22 Mirex

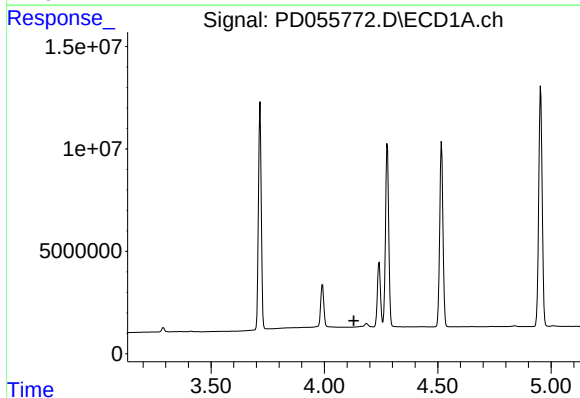
R.T.: 7.091 min
Delta R.T.: 0.002 min
Response: 1040286
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



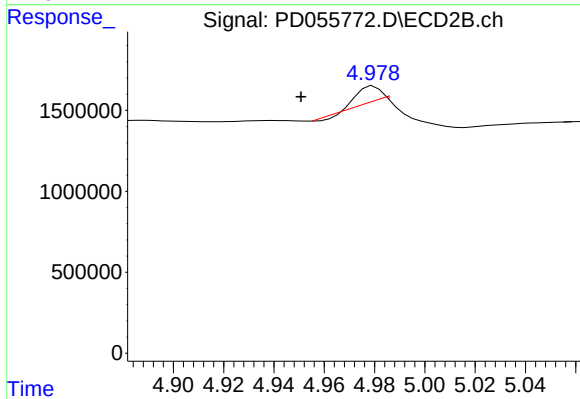
#22 Mirex

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



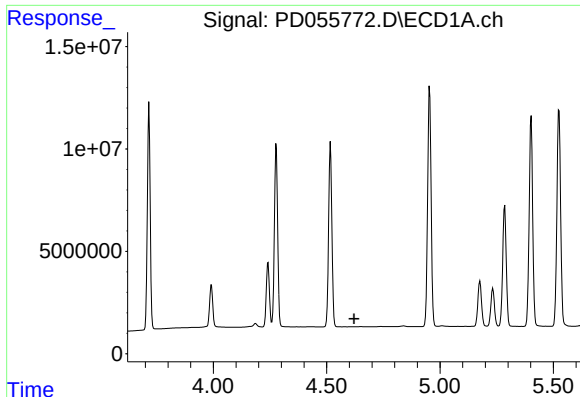
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.130 min
Response: 0
Conc: N.D.



#23 Chlordane-1

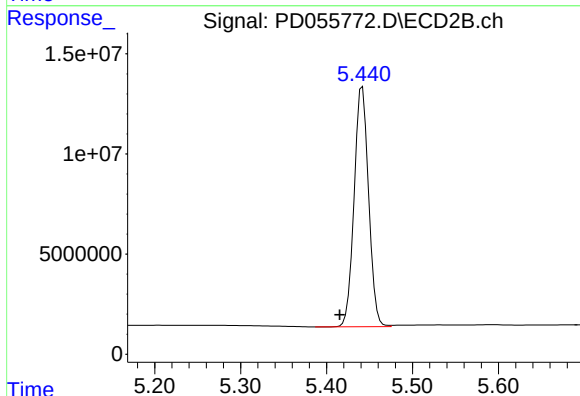
R.T.: 4.980 min
Delta R.T.: 0.029 min
Response: 568636
Conc: 12.25 ng/ml



#24 Chlordane-2

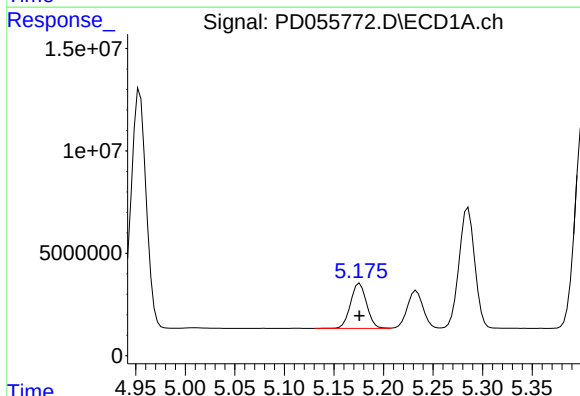
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



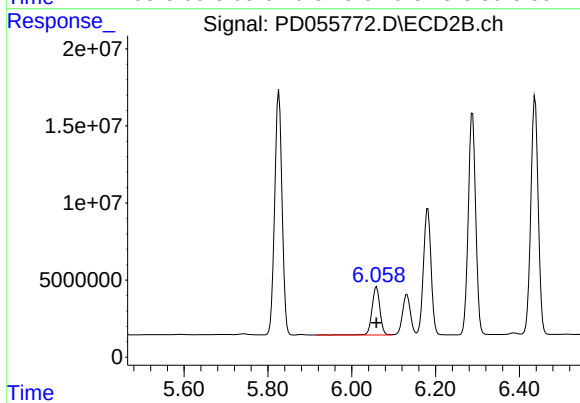
#24 Chlordane-2

R.T.: 5.442 min
Delta R.T.: 0.026 min
Response: 140373184
Conc: 2672.26 ng/ml



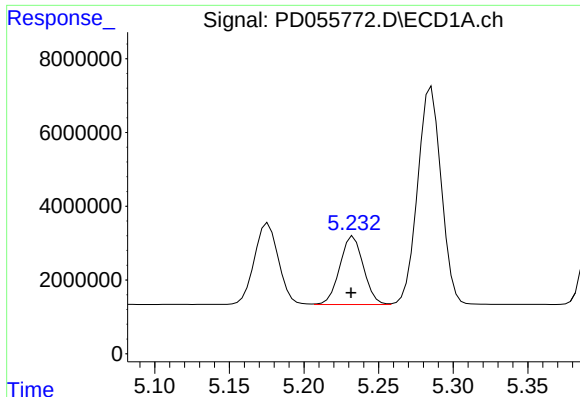
#25 Chlordane-3

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 24752047
Conc: 257.39 ng/ml



#25 Chlordane-3

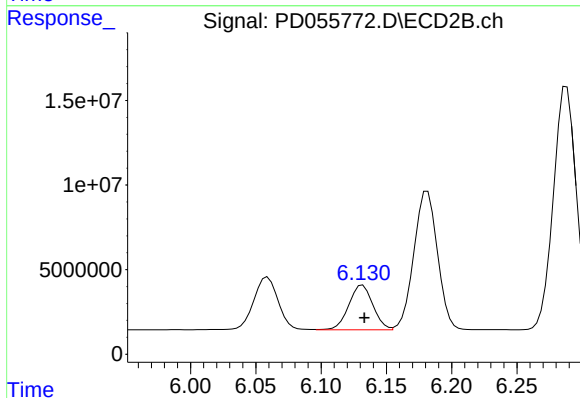
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 40994605
Conc: 187.21 ng/ml



#26 Chlordane-4

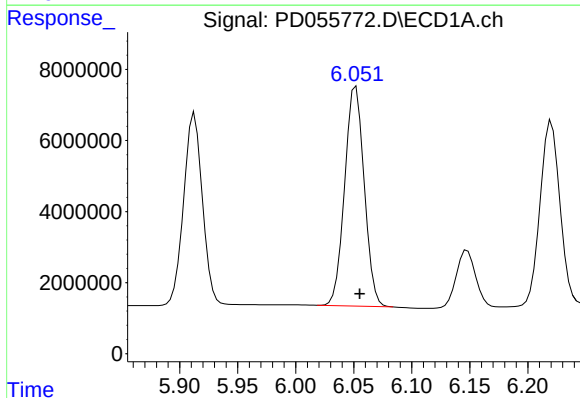
R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 20411822
Conc: 242.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILD.L



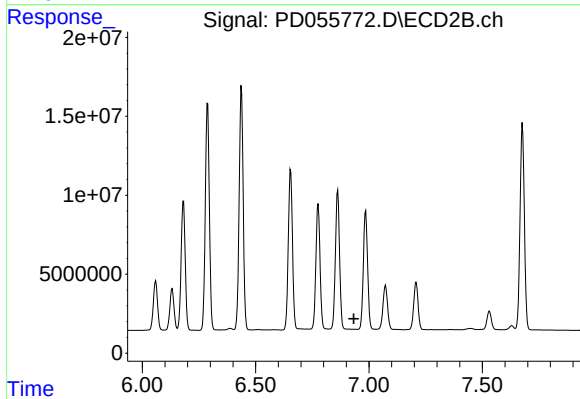
#26 Chlordane-4

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 34035853
Conc: 129.39 ng/ml



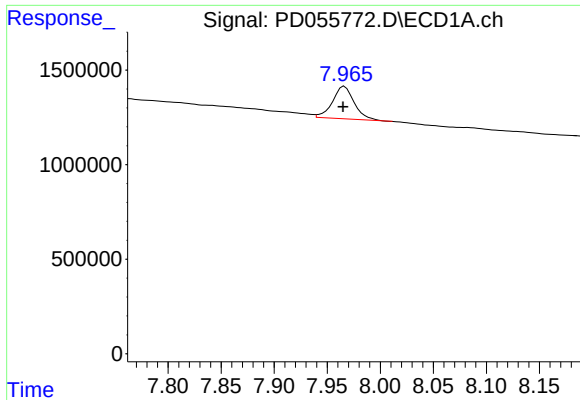
#27 Chlordane-5

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 72414716
Conc: 2384.92 ng/ml



#27 Chlordane-5

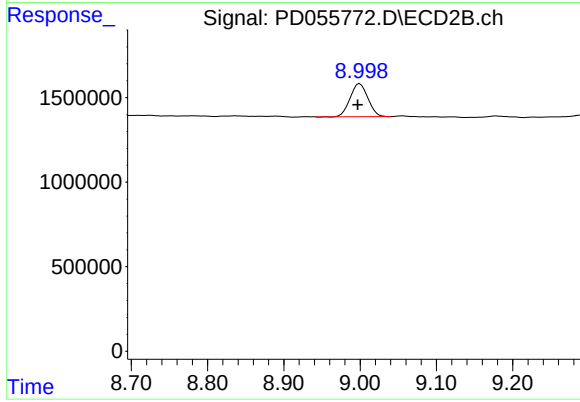
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 2320766
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.002 min
Response: 3178423
Conc: 2.28 ng/ml