

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011719\
 Data File : PD051058.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Jan 2019 17:06
 Operator : AJ\SJ
 Sample : K1147-25MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 21:16:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011019.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 10 03:41:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.225	4.044	26909904	588.7E6	18.016	19.783
28)	SA Decachlor...	7.827	9.155	22842482	356.4E6	18.820	17.859
Target Compounds							
2)	A alpha-BHC	3.646	4.437	118.1E6	2032.5E6	49.070	44.602
3)	MA gamma-BHC...	3.914	4.724	112.5E6	1870.4E6	47.719	45.001
4)	MA Heptachlor	4.191	5.237	110.9E6	1883.2E6	46.294	46.158
5)	MB Aldrin	4.424	5.544	112.4E6	1715.9E6	47.382	43.834
6)	B beta-BHC	4.159	4.893	45426148	837.7E6	47.972	46.294
7)	B delta-BHC	4.348	5.112	96132535	1382.4E6	42.700	35.577
8)	B Heptachlo...	4.851	5.931	107.7E6	2038.5E6	47.923	58.462
9)	A Endosulfan I	5.173	6.290	100.1E6	1422.9E6	46.956	45.218
10)	B gamma-Chl...	5.069	6.167	111.1E6	1575.1E6	47.413	45.350
11)	B alpha-Chl...	5.125	6.240	109.3E6	1513.8E6	47.311	44.663
12)	B 4,4'-DDE	5.295	6.395	107.1E6	1416.3E6	49.623	42.958
13)	MA Dieldrin	5.409	6.549	112.9E6	1511.5E6	48.190	45.312
14)	MA Endrin	5.656	6.766	106.3E6	1153.0E6	48.528	40.939
15)	B Endosulfa...	5.926	6.976	94977177	1213.3E6	47.499	44.327
16)	A 4,4'-DDD	5.796	6.887	85941398	1175.8E6	48.672	44.812
17)	MA 4,4'-DDT	6.028	7.187	85741287	1077.3E6	45.568	45.135
18)	B Endrin al...	6.093	7.100	75749280	1008.9E6	46.920	44.268
19)	B Endosulfa...	6.301	7.324	82626389	1114.3E6	42.182	41.276
20)	A Methoxychlor	6.574	7.646	45289736	512.5E6	47.389	42.098
21)	B Endrin ke...	6.776	7.798	93066817	1121.3E6	43.725	44.109
23)	Chlordane-1	4.086	5.112	733368	1382.4E6	10.744	929.070 #
24)	Chlordane-2	0.000	5.544	0	1715.9E6	N.D.	1278.897 #
25)	Chlordane-3	5.069	6.167	111.1E6	1575.1E6	446.608	362.947
26)	Chlordane-4	5.125	6.240	109.3E6	1513.8E6	454.117	306.136 #
27)	Chlordane-5	5.926	7.100	94977177	1008.9E6	1192.052	978.463

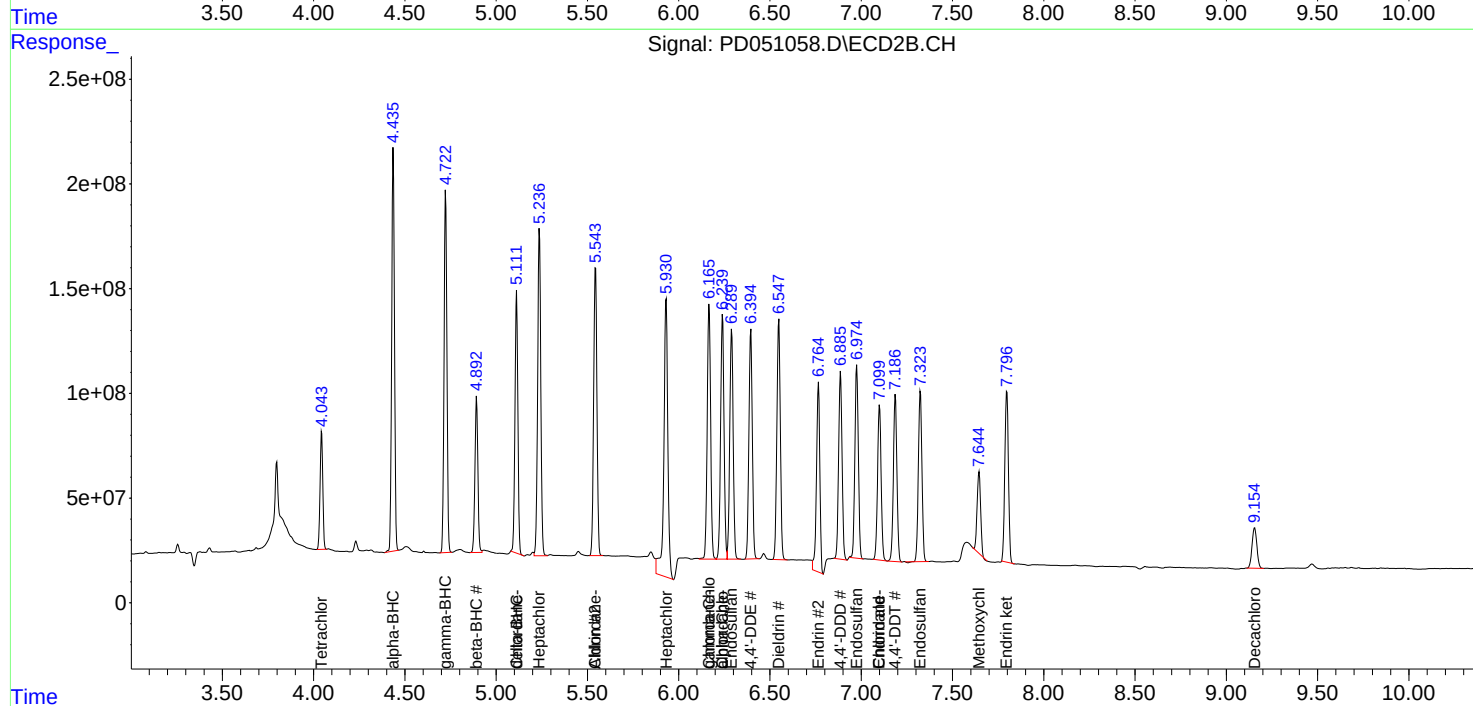
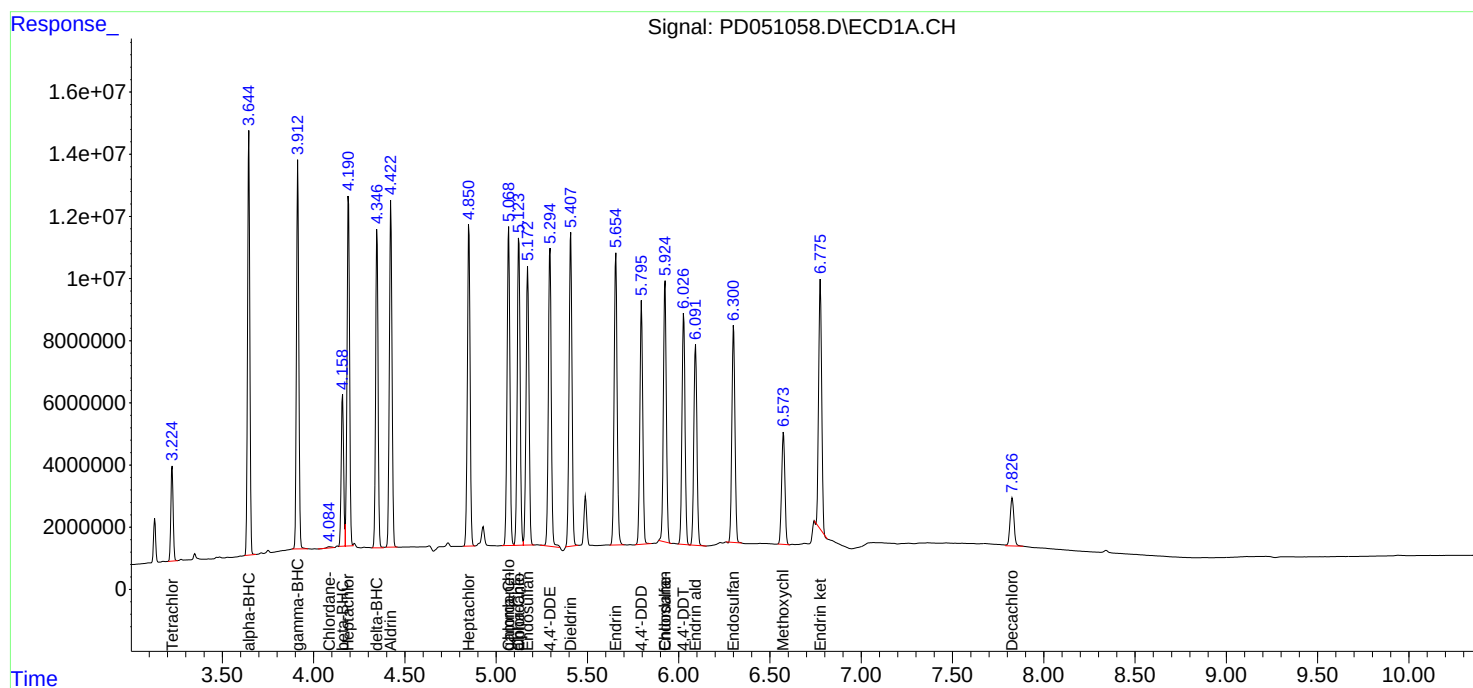
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

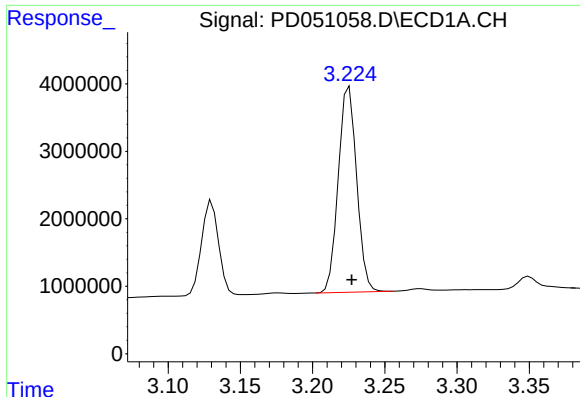
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011719\
Data File : PD051058.D
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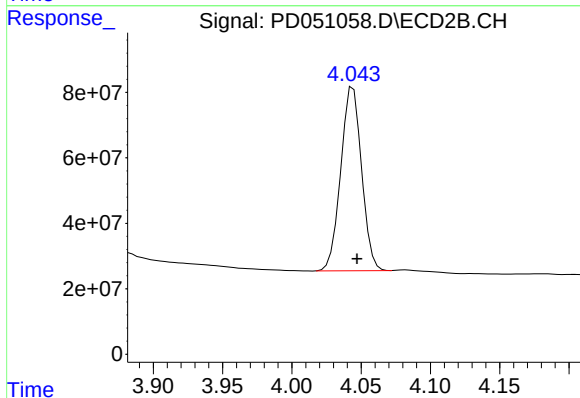




#1 Tetrachloro-m-xylene

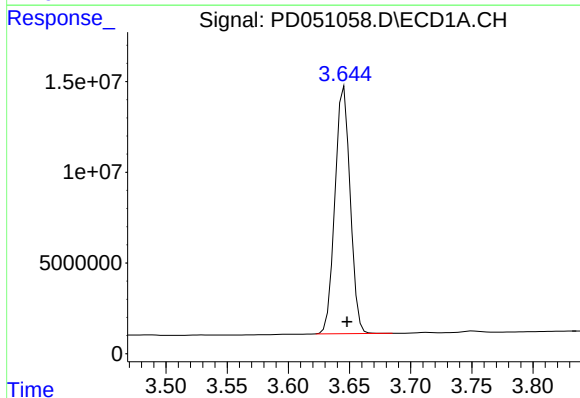
R.T.: 3.225 min
Delta R.T.: -0.002 min
Response: 26909904
Conc: 18.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



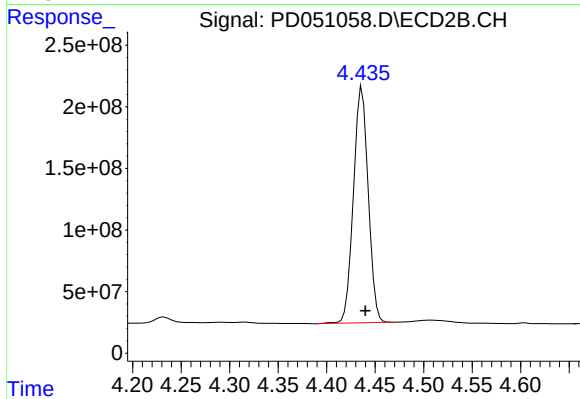
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 588737761
Conc: 19.78 ng/ml



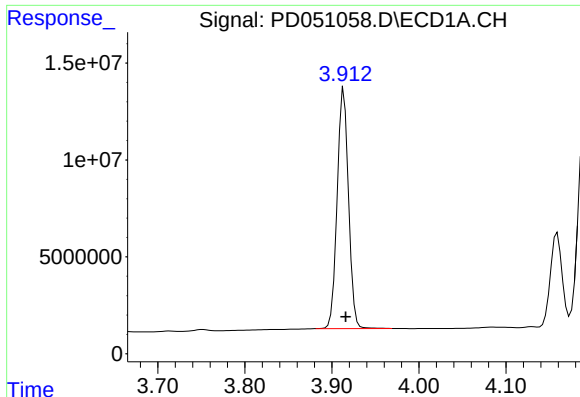
#2 alpha-BHC

R.T.: 3.646 min
Delta R.T.: -0.002 min
Response: 118109800
Conc: 49.07 ng/ml



#2 alpha-BHC

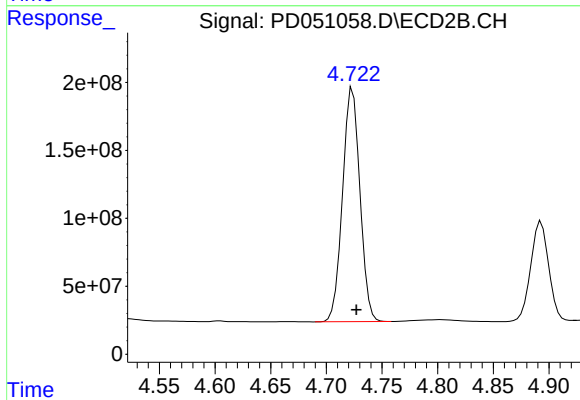
R.T.: 4.437 min
Delta R.T.: -0.003 min
Response: 2032548444
Conc: 44.60 ng/ml



#3 gamma-BHC (Lindane)

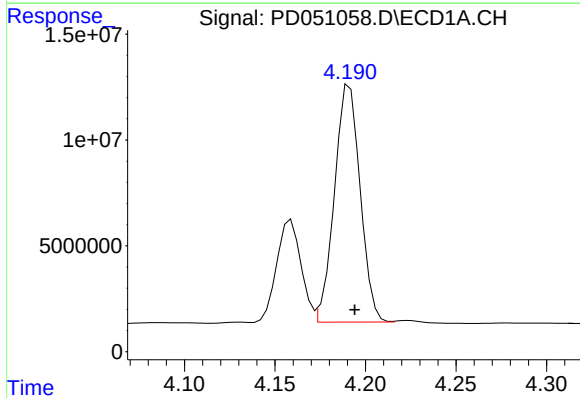
R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 112540868
Conc: 47.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



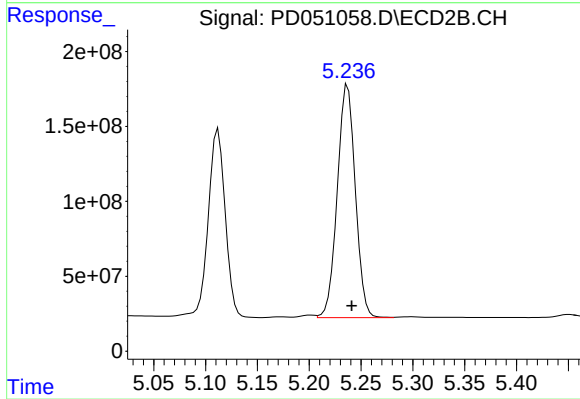
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 1870440527
Conc: 45.00 ng/ml



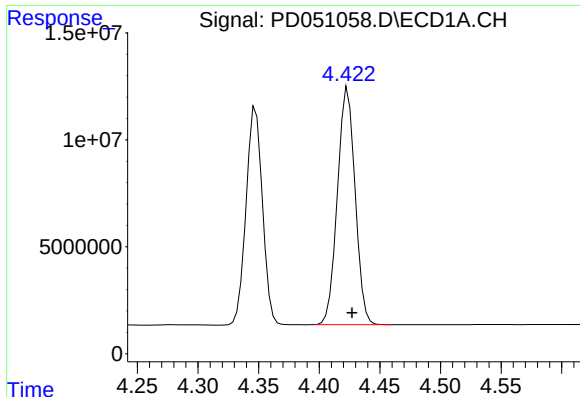
#4 Heptachlor

R.T.: 4.191 min
Delta R.T.: -0.003 min
Response: 110885715
Conc: 46.29 ng/ml



#4 Heptachlor

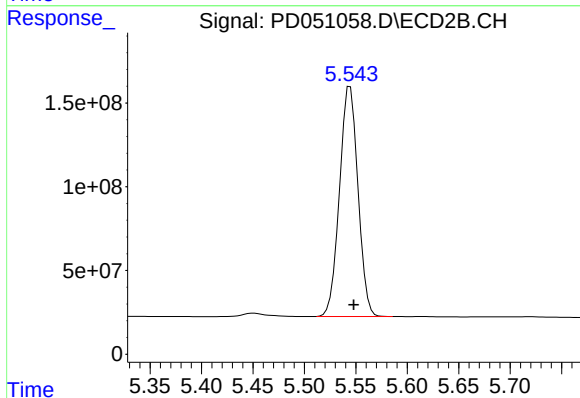
R.T.: 5.237 min
Delta R.T.: -0.004 min
Response: 1883233064
Conc: 46.16 ng/ml



#5 Aldrin

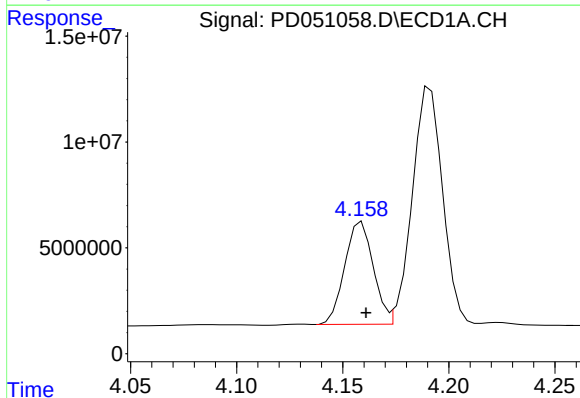
R.T.: 4.424 min
Delta R.T.: -0.003 min
Response: 112428432
Conc: 47.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



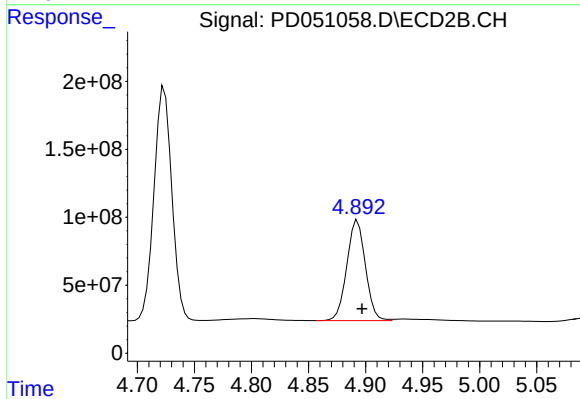
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 1715882738
Conc: 43.83 ng/ml



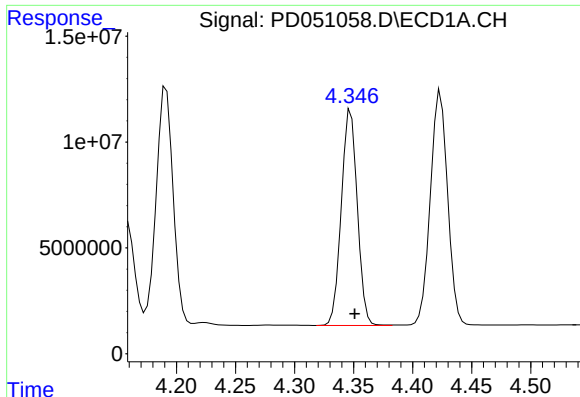
#6 beta-BHC

R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 45426148
Conc: 47.97 ng/ml



#6 beta-BHC

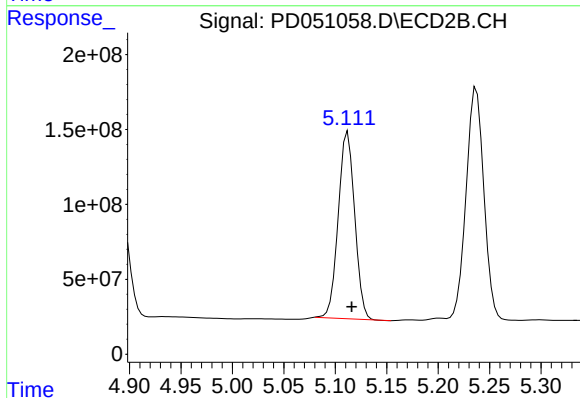
R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 837713959
Conc: 46.29 ng/ml



#7 delta-BHC

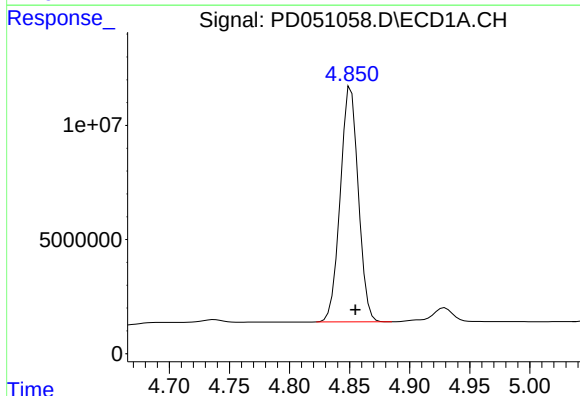
R.T.: 4.348 min
Delta R.T.: -0.003 min
Response: 96132535
Conc: 42.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



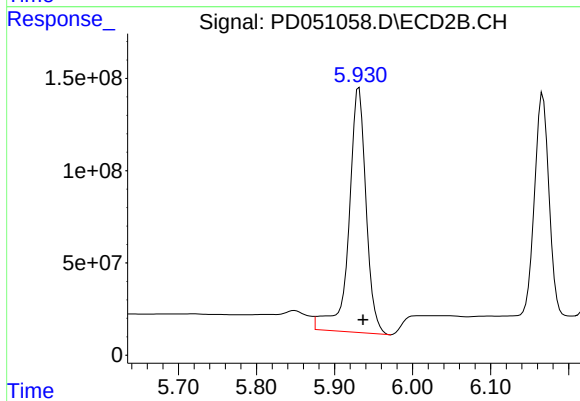
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 1382363141
Conc: 35.58 ng/ml



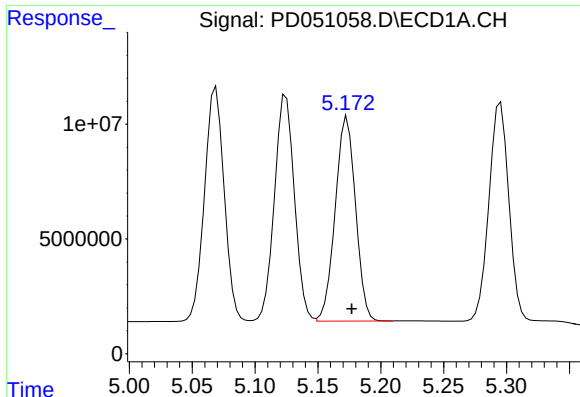
#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: -0.004 min
Response: 107708854
Conc: 47.92 ng/ml



#8 Heptachlor epoxide

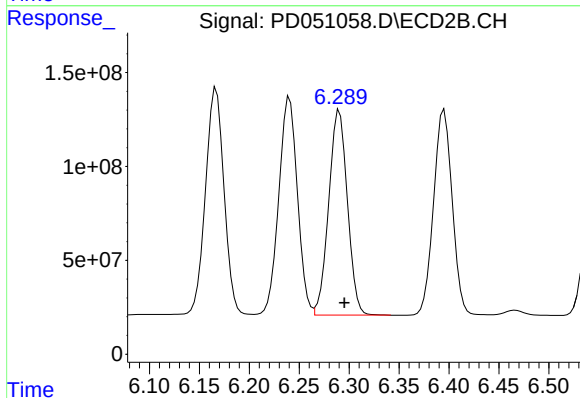
R.T.: 5.931 min
Delta R.T.: -0.005 min
Response: 2038455542
Conc: 58.46 ng/ml



#9 Endosulfan I

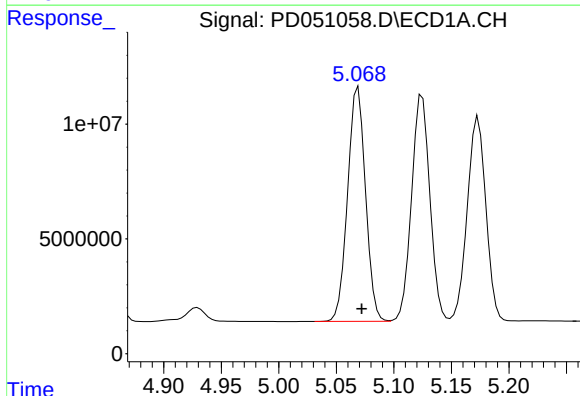
R.T.: 5.173 min
Delta R.T.: -0.004 min
Response: 100102590
Conc: 46.96 ng/ml

Instrument :
ECD_D
ClientSampleId :



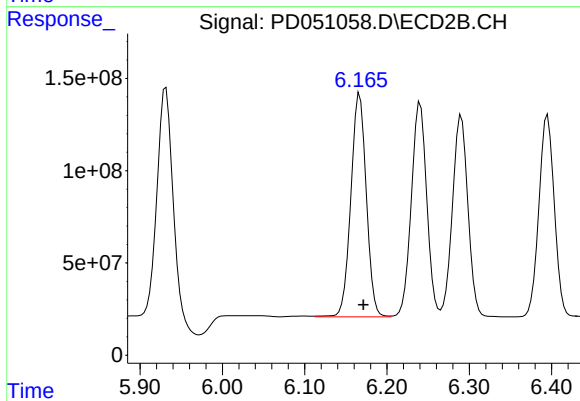
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: -0.005 min
Response: 1422853966
Conc: 45.22 ng/ml



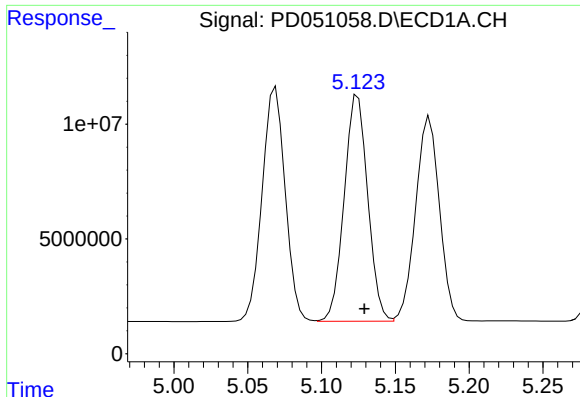
#10 gamma-Chlordane

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 111059750
Conc: 47.41 ng/ml



#10 gamma-Chlordane

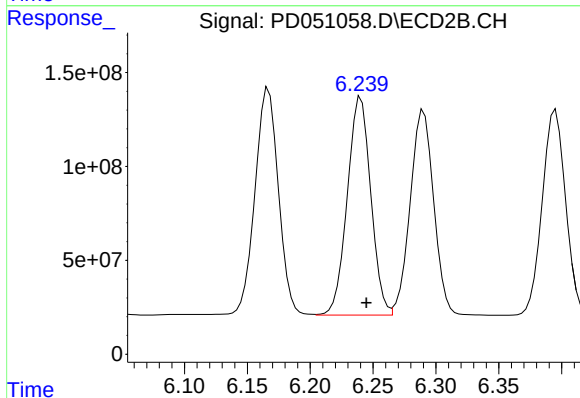
R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 1575100720
Conc: 45.35 ng/ml



#11 alpha-Chlordane

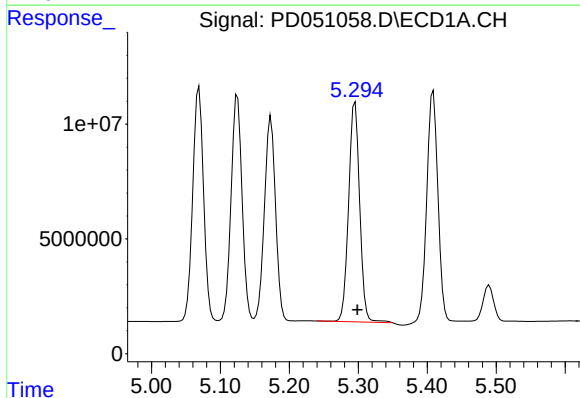
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 109298213
Conc: 47.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



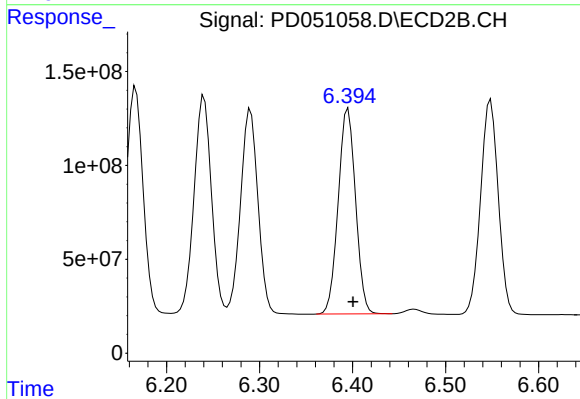
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: -0.004 min
Response: 1513814571
Conc: 44.66 ng/ml



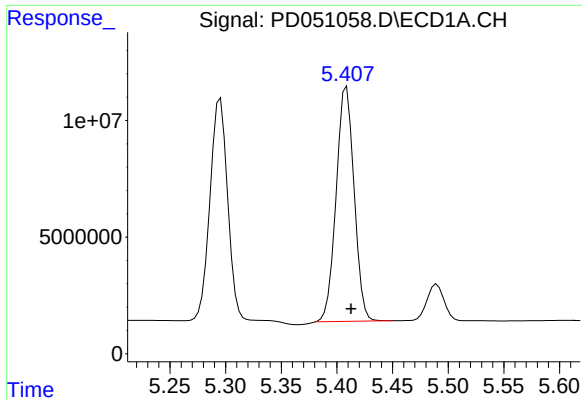
#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 107109919
Conc: 49.62 ng/ml



#12 4,4'-DDE

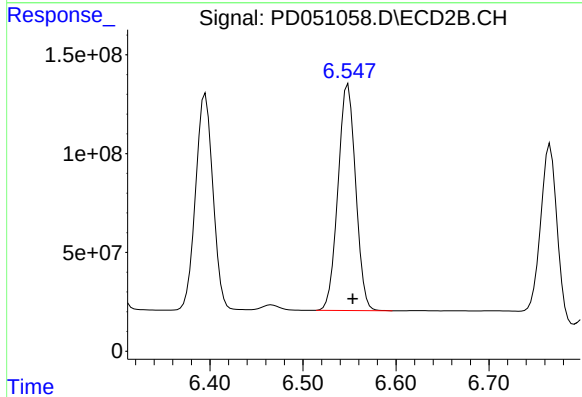
R.T.: 6.395 min
Delta R.T.: -0.005 min
Response: 1416251759
Conc: 42.96 ng/ml



#13 Dieldrin

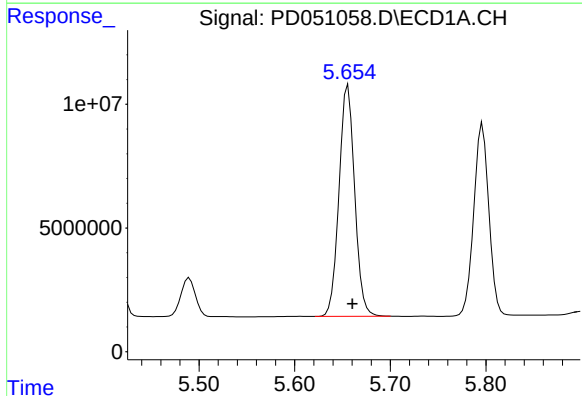
R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 112868939
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



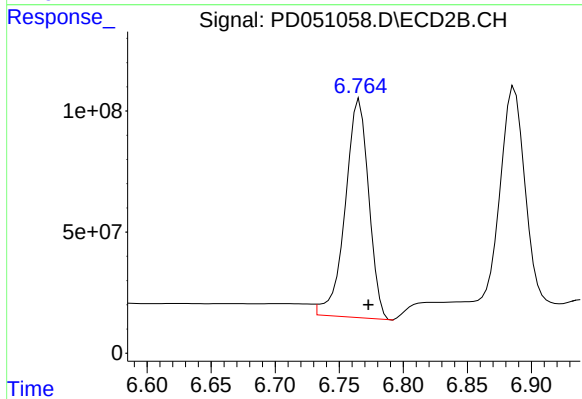
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: -0.005 min
Response: 1511502175
Conc: 45.31 ng/ml



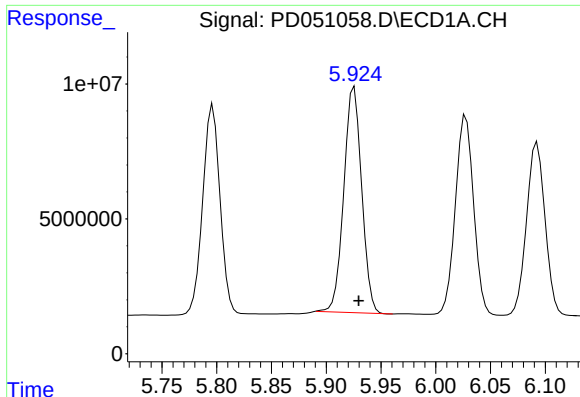
#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 106283694
Conc: 48.53 ng/ml



#14 Endrin

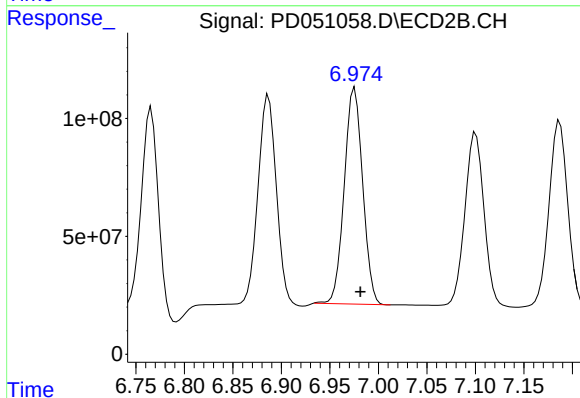
R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 1152981371
Conc: 40.94 ng/ml



#15 Endosulfan II

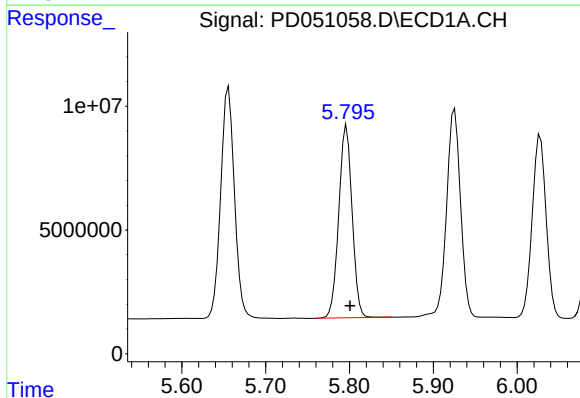
R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 94977177
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



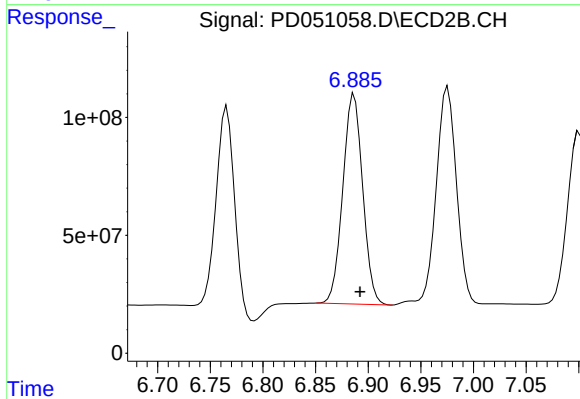
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 1213309121
Conc: 44.33 ng/ml



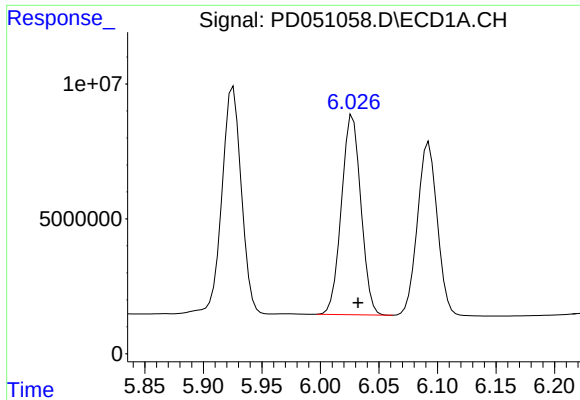
#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.004 min
Response: 85941398
Conc: 48.67 ng/ml



#16 4,4'-DDD

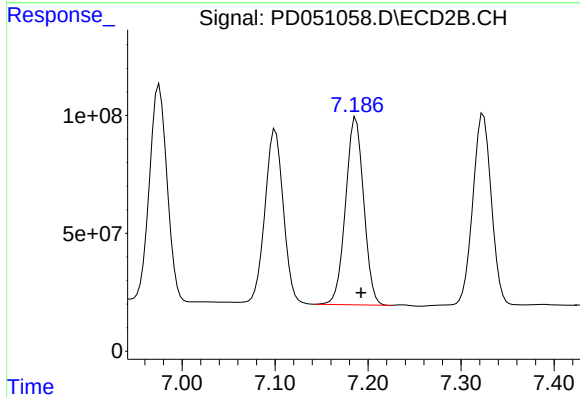
R.T.: 6.887 min
Delta R.T.: -0.006 min
Response: 1175847863
Conc: 44.81 ng/ml



#17 4,4'-DDT

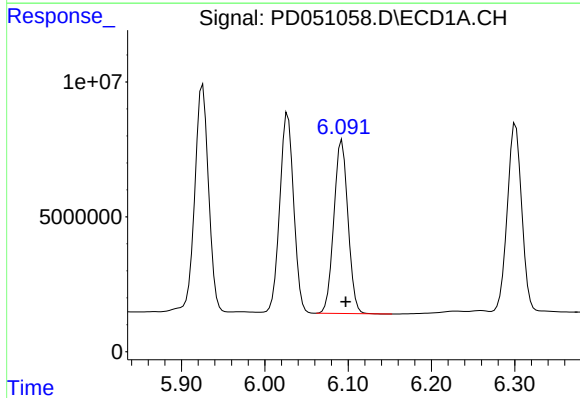
R.T.: 6.028 min
Delta R.T.: -0.005 min
Response: 85741287
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



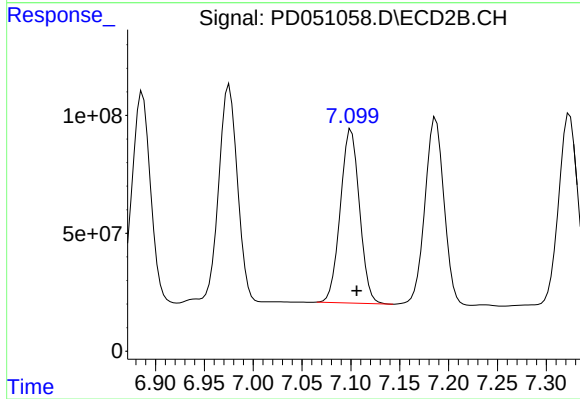
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: -0.006 min
Response: 1077313783
Conc: 45.14 ng/ml



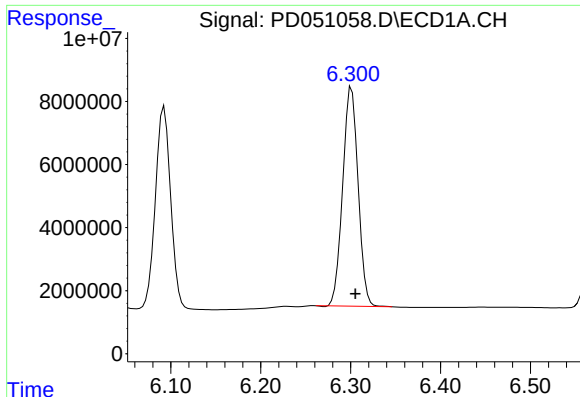
#18 Endrin aldehyde

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 75749280
Conc: 46.92 ng/ml



#18 Endrin aldehyde

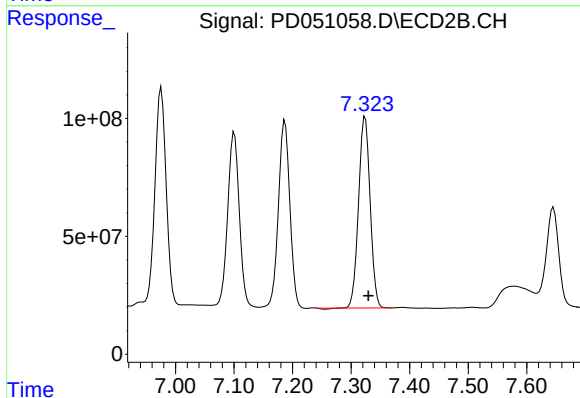
R.T.: 7.100 min
Delta R.T.: -0.006 min
Response: 1008943423
Conc: 44.27 ng/ml



#19 Endosulfan Sulfate

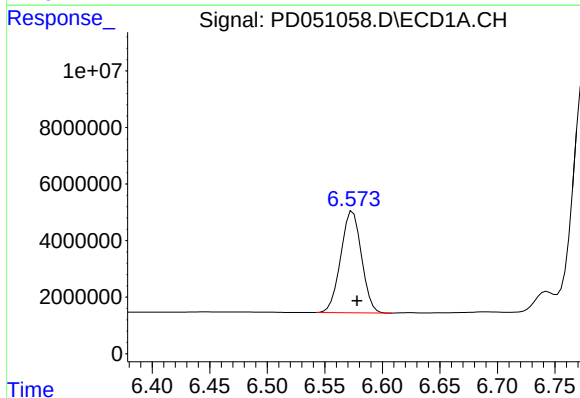
R.T.: 6.301 min
Delta R.T.: -0.004 min
Response: 82626389
Conc: 42.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



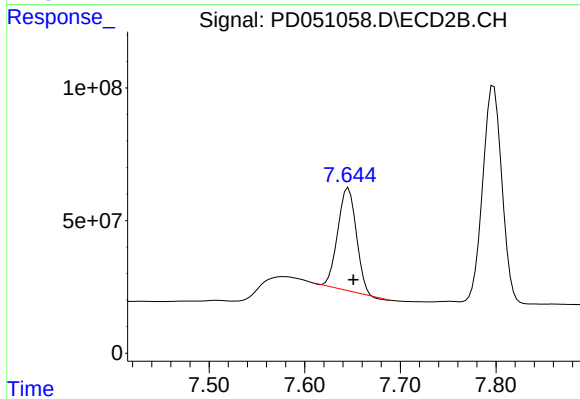
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 1114263694
Conc: 41.28 ng/ml



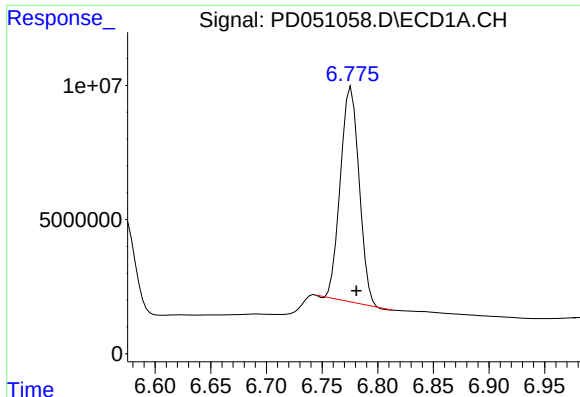
#20 Methoxychlor

R.T.: 6.574 min
Delta R.T.: -0.004 min
Response: 45289736
Conc: 47.39 ng/ml



#20 Methoxychlor

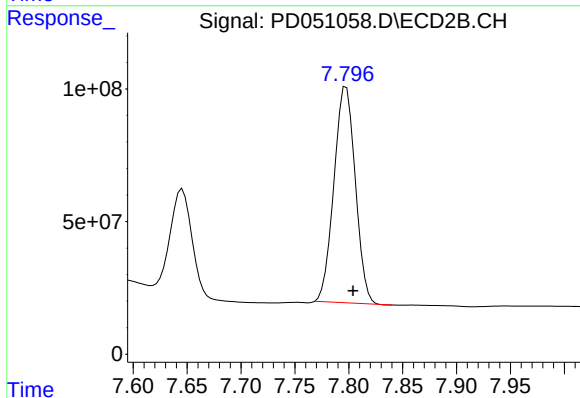
R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 512475718
Conc: 42.10 ng/ml



#21 Endrin ketone

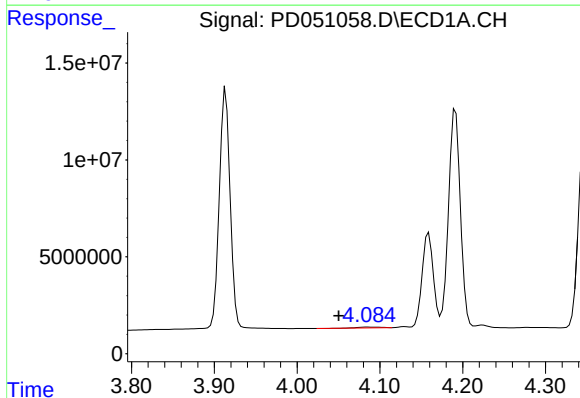
R.T.: 6.776 min
Delta R.T.: -0.005 min
Response: 93066817
Conc: 43.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



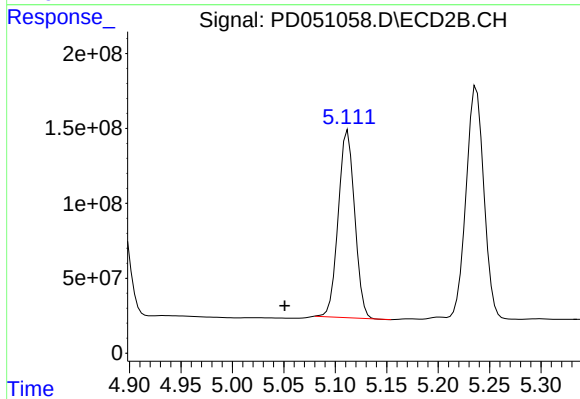
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.006 min
Response: 1121341746
Conc: 44.11 ng/ml



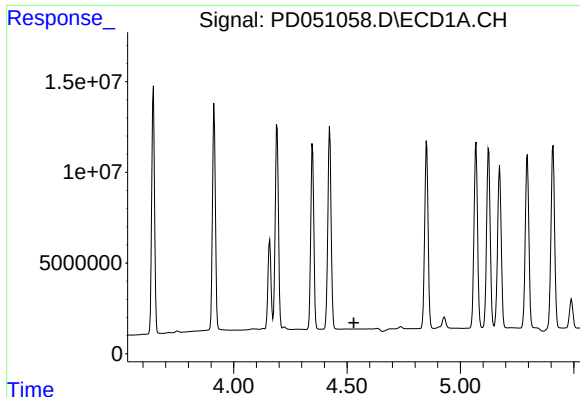
#23 Chlordane-1

R.T.: 4.086 min
Delta R.T.: 0.035 min
Response: 733368
Conc: 10.74 ng/ml



#23 Chlordane-1

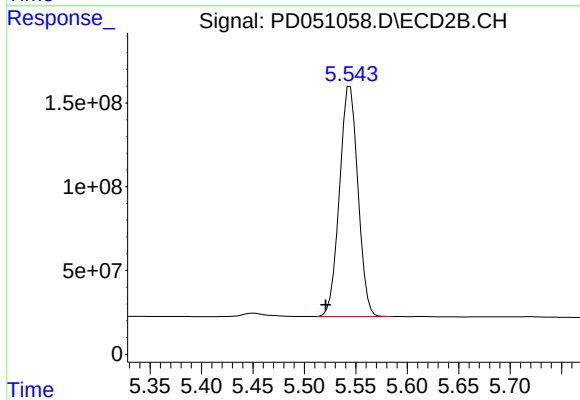
R.T.: 5.112 min
Delta R.T.: 0.061 min
Response: 1382363141
Conc: 929.07 ng/ml



#24 Chlordane-2

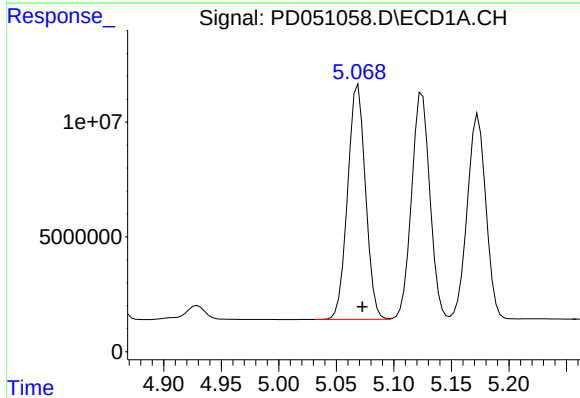
R.T.: 0.000 min
Exp R.T.: 4.531 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



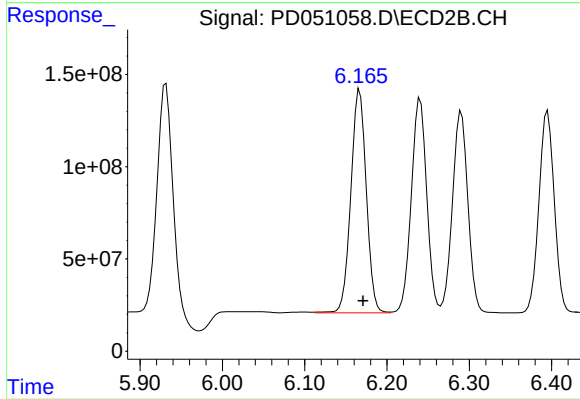
#24 Chlordane-2

R.T.: 5.544 min
Delta R.T.: 0.024 min
Response: 1715882738
Conc: 1278.90 ng/ml



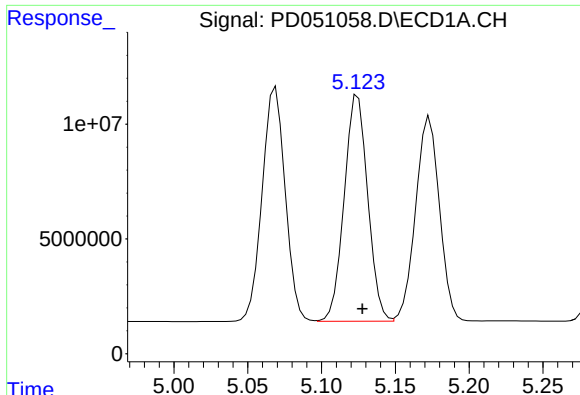
#25 Chlordane-3

R.T.: 5.069 min
Delta R.T.: -0.004 min
Response: 111059750
Conc: 446.61 ng/ml



#25 Chlordane-3

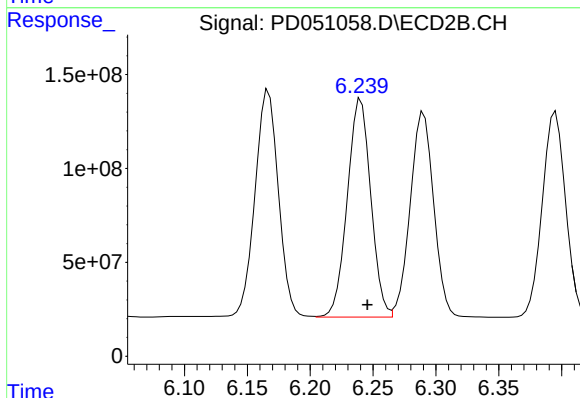
R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 1575100720
Conc: 362.95 ng/ml



#26 Chlordane-4

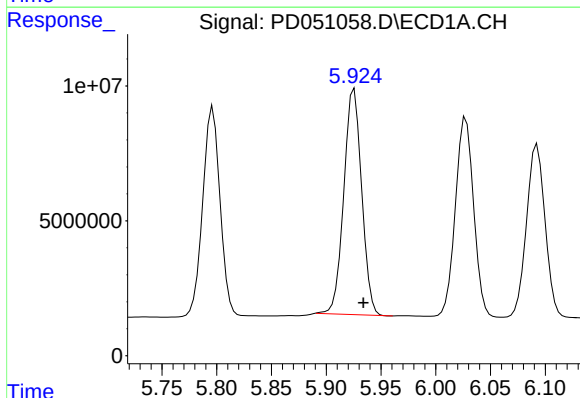
R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 109298213
Conc: 454.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



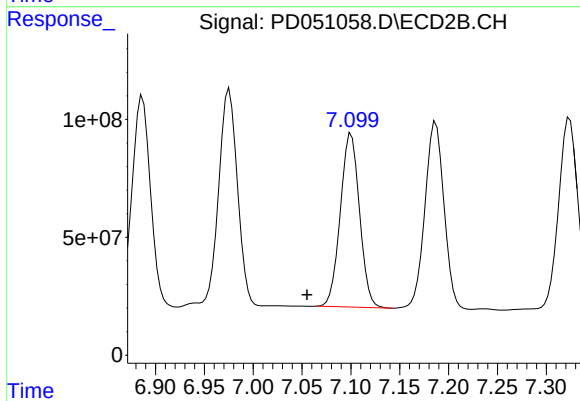
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 1513814571
Conc: 306.14 ng/ml



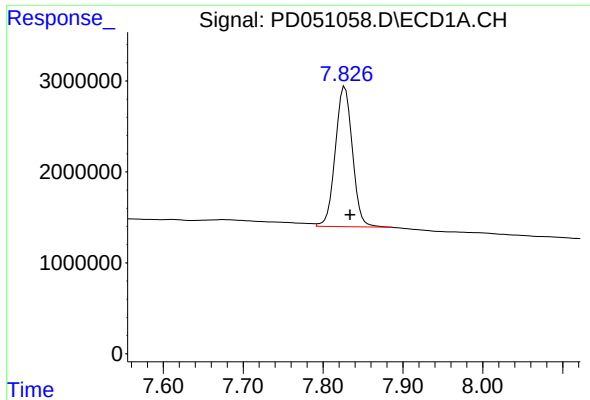
#27 Chlordane-5

R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: 94977177
Conc: 1192.05 ng/ml



#27 Chlordane-5

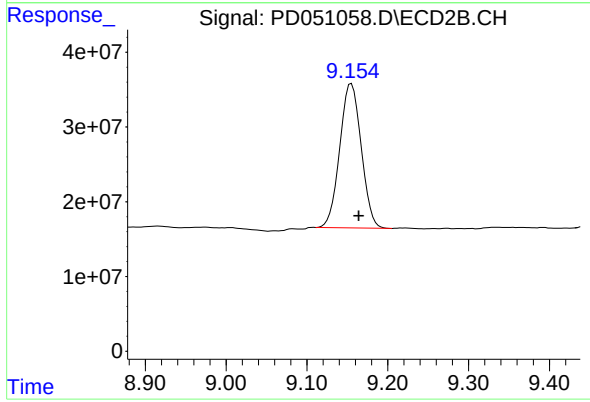
R.T.: 7.100 min
Delta R.T.: 0.045 min
Response: 1008943423
Conc: 978.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: -0.007 min
Response: 22842482
Conc: 18.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: -0.009 min
Response: 356357358
Conc: 17.86 ng/ml