

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD011719\
 Data File : PD051033.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Jan 2019 10:04
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 21:12:35 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	27917131	597.2E6	18.691	20.069
2)	SA Decachlor...	7.826	9.155	25331755	421.4E6	20.871	21.121
Target Compounds							
2)	A alpha-BHC	3.645	4.436	19393124	456.9E6	8.057	10.026
3)	MA gamma-BHC...	3.913	4.723	20483267	431.3E6	8.685	10.377
4)	MA Heptachlor	4.159f	5.201f	9050532	5349760	3.779	0.131 #
6)	B beta-BHC	4.159	4.893	9050532	195.2E6	9.558	10.785
8)	B Heptachlo...	0.000	5.987f	0	1655059	N.D.	0.047 #
9)	A Endosulfan I	0.000	6.253f	0	4607062	N.D.	0.146 #
10)	B gamma-Chl...	0.000	6.187	0	6350289	N.D.	0.183 #
11)	B alpha-Chl...	0.000	6.253	0	4607062	N.D.	0.136 #
12)	B 4,4'-DDE	5.294	6.395	296428	7899937	0.137	0.240 #
14)	MA Endrin	5.656	6.768	104.4E6	1339.4E6	47.691	47.557
16)	A 4,4'-DDD	5.802	6.895	362325	2933401	0.205	0.112 #
17)	MA 4,4'-DDT	6.028	7.188	193.8E6	2292.8E6	103.022	96.060
18)	B Endrin al...	6.028f	7.135	193.8E6	1869690	120.072	0.082 #
20)	A Methoxychlor	6.574	7.646	226.8E6	2690.5E6	237.287	221.017
21)	B Endrin ke...	6.775	7.797	941254	12344906	0.442	0.486
25)	Chlordane-3	0.000	6.187	0	6350289	N.D.	1.463 #
26)	Chlordane-4	0.000	6.253	0	4607062	N.D.	0.932 #

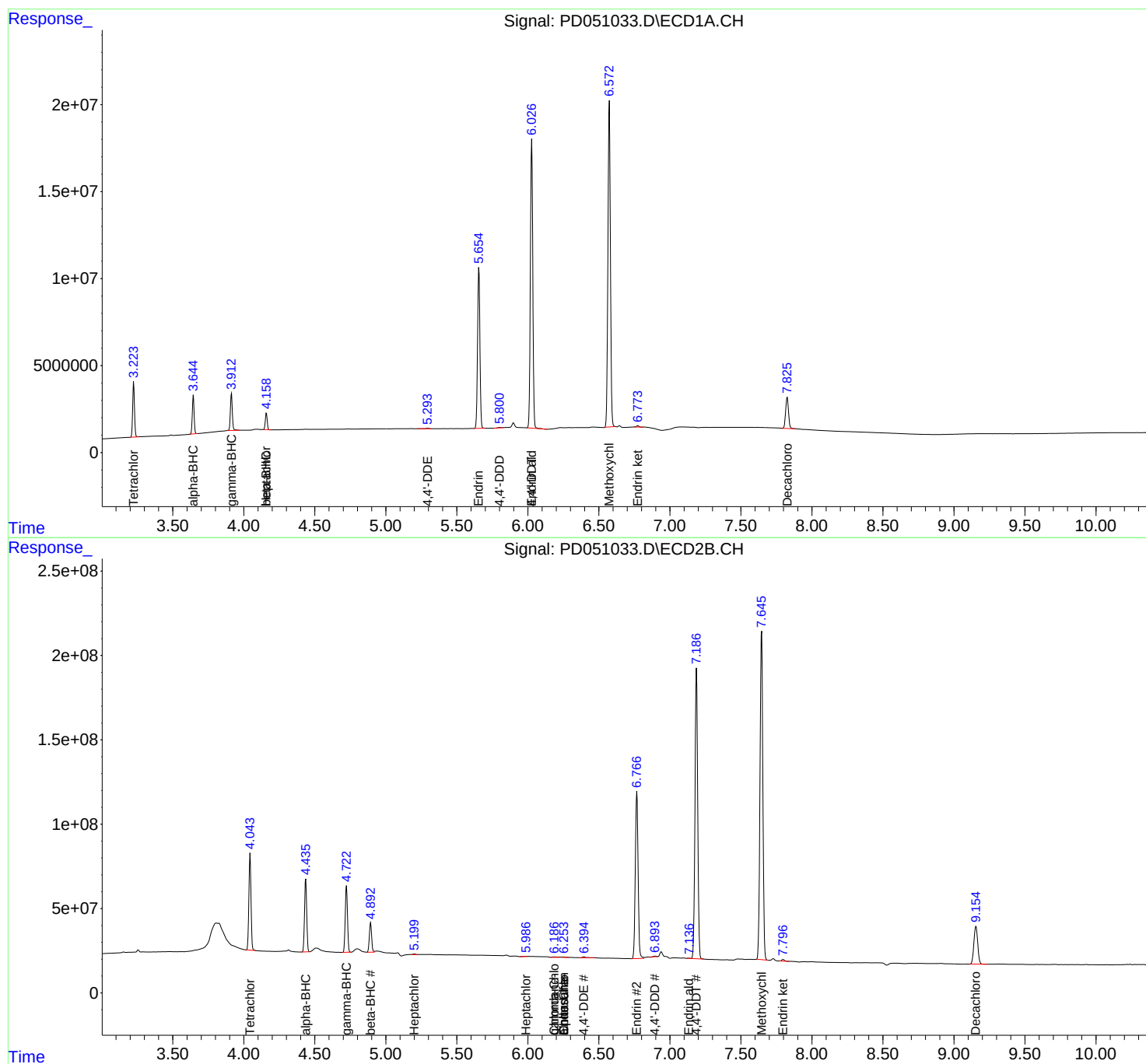
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

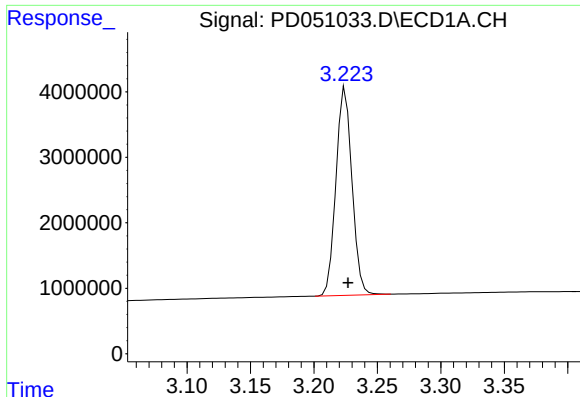
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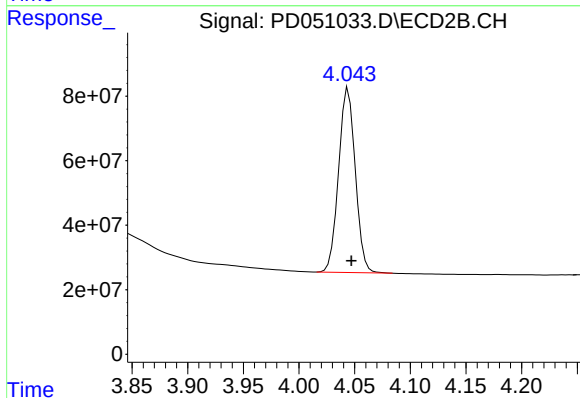




#1 Tetrachloro-m-xylene

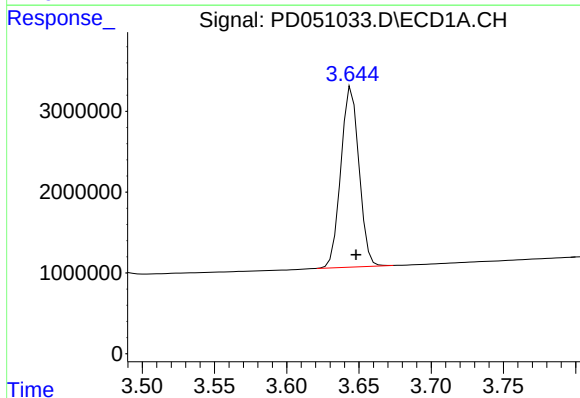
R.T.: 3.225 min
Delta R.T.: -0.002 min
Response: 27917131
Conc: 18.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



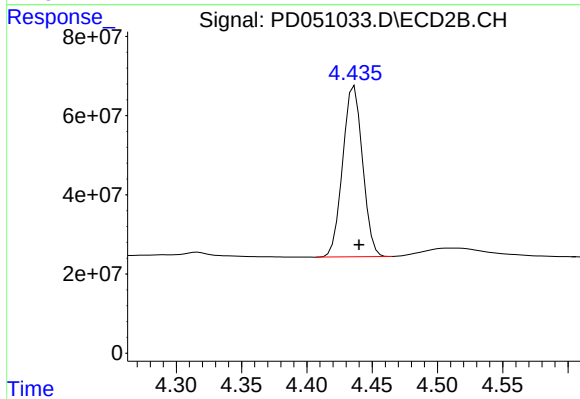
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 597244668
Conc: 20.07 ng/ml



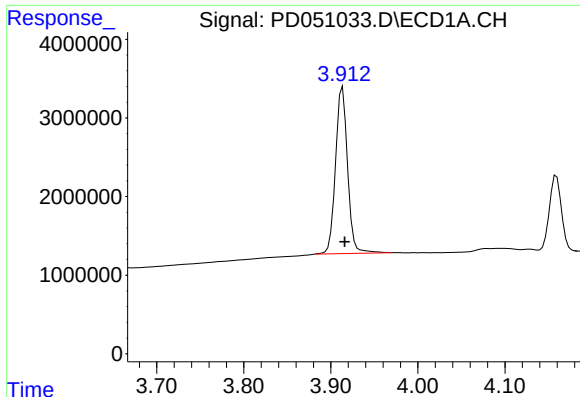
#2 alpha-BHC

R.T.: 3.645 min
Delta R.T.: -0.003 min
Response: 19393124
Conc: 8.06 ng/ml



#2 alpha-BHC

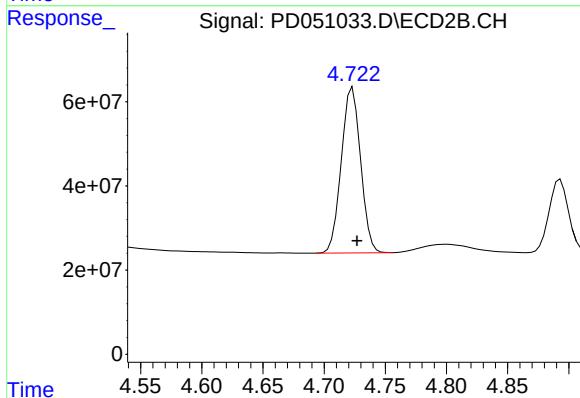
R.T.: 4.436 min
Delta R.T.: -0.004 min
Response: 456903564
Conc: 10.03 ng/ml



#3 gamma-BHC (Lindane)

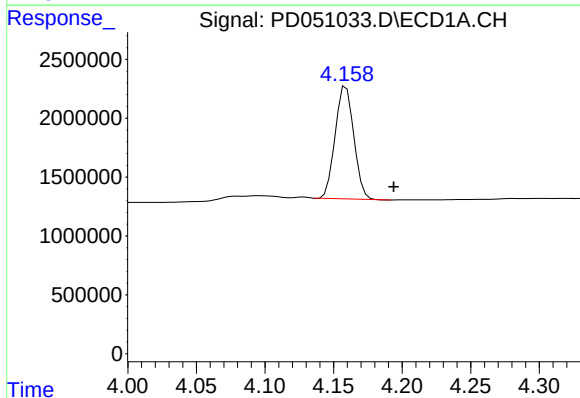
R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 20483267
Conc: 8.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



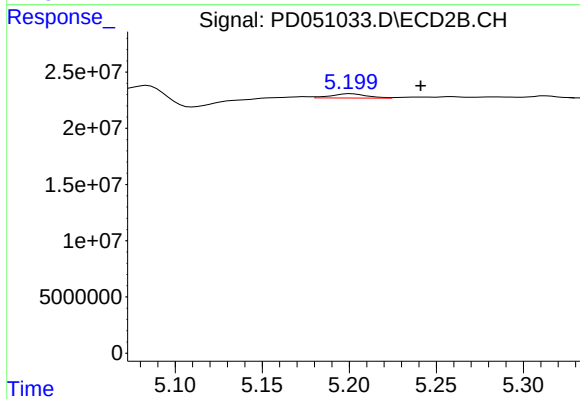
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 431308481
Conc: 10.38 ng/ml



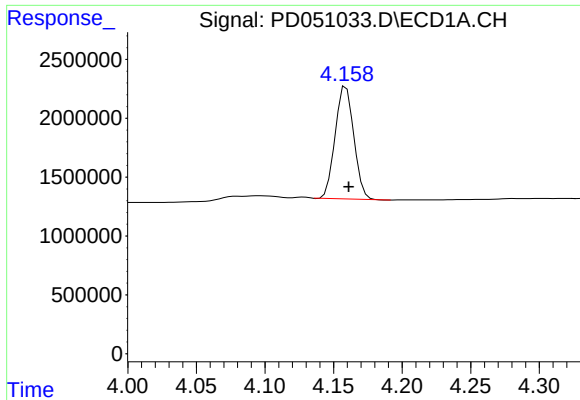
#4 Heptachlor

R.T.: 4.159 min
Delta R.T.: -0.035 min
Response: 9050532
Conc: 3.78 ng/ml



#4 Heptachlor

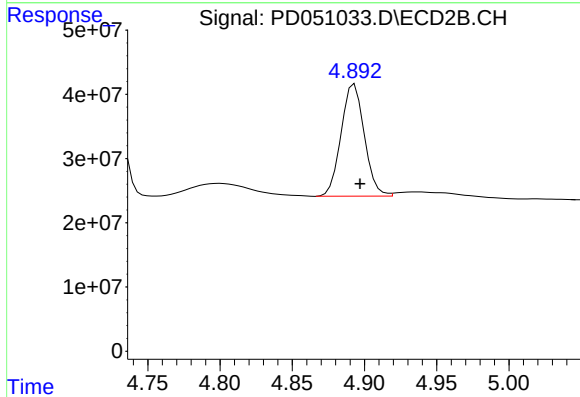
R.T.: 5.201 min
Delta R.T.: -0.040 min
Response: 5349760
Conc: 0.13 ng/ml



#6 beta-BHC

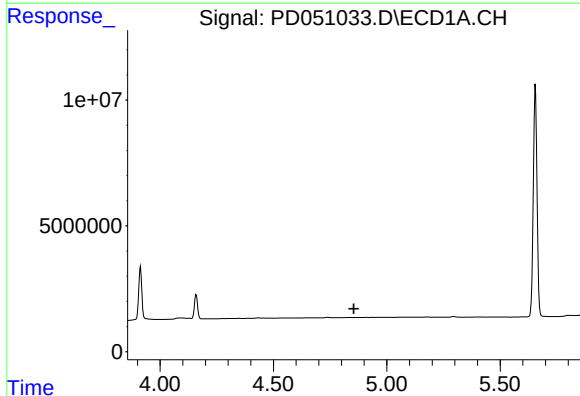
R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 9050532
Conc: 9.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



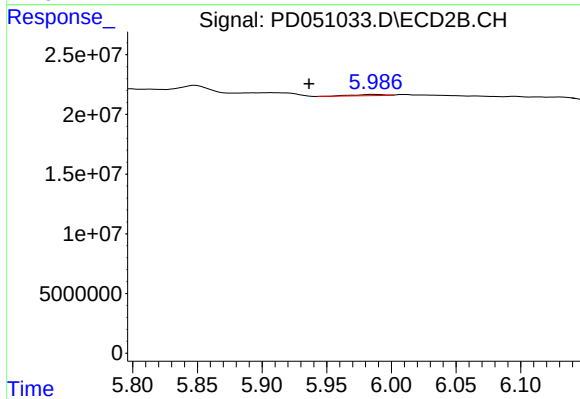
#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: -0.004 min
Response: 195156994
Conc: 10.78 ng/ml



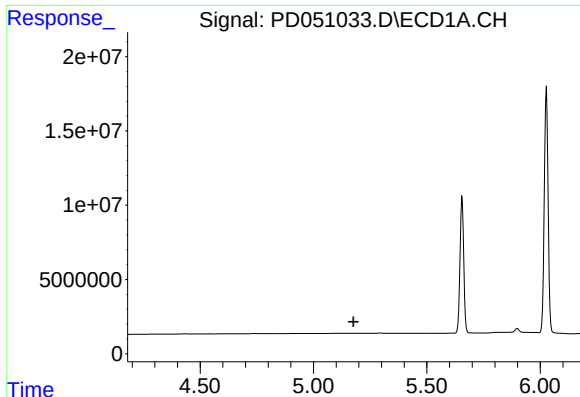
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.855 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

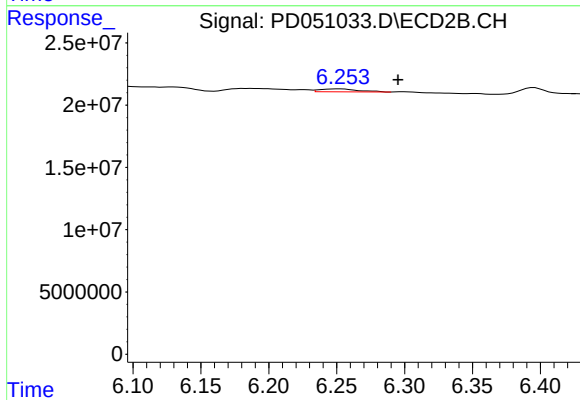
R.T.: 5.987 min
Delta R.T.: 0.051 min
Response: 1655059
Conc: 0.05 ng/ml



#9 Endosulfan I

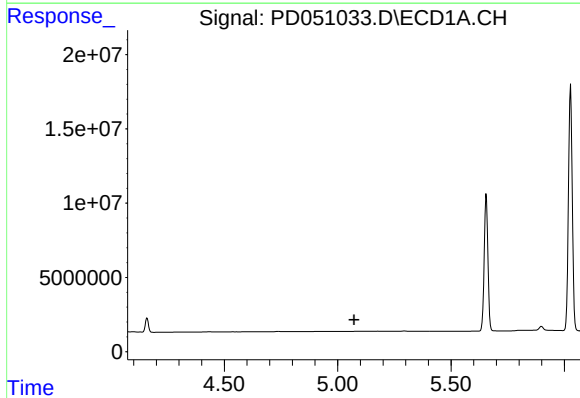
R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



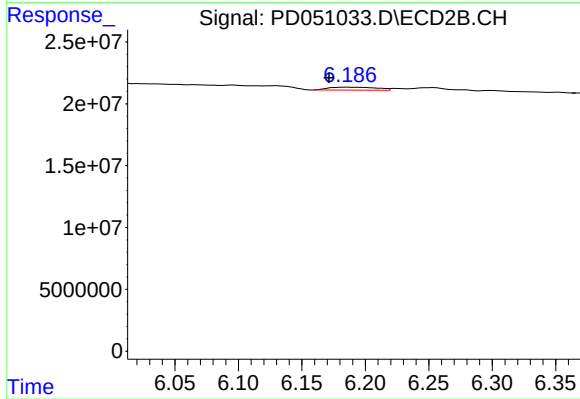
#9 Endosulfan I

R.T.: 6.253 min
Delta R.T.: -0.042 min
Response: 4607062
Conc: 0.15 ng/ml



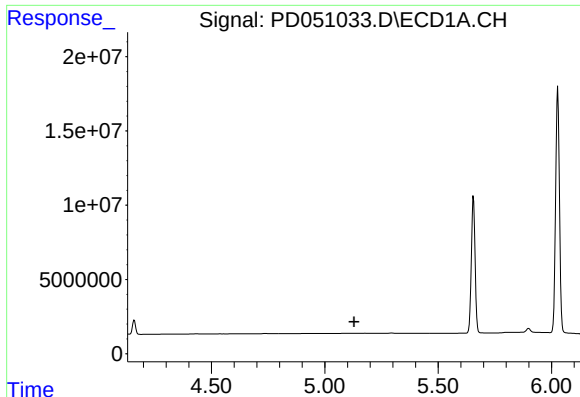
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

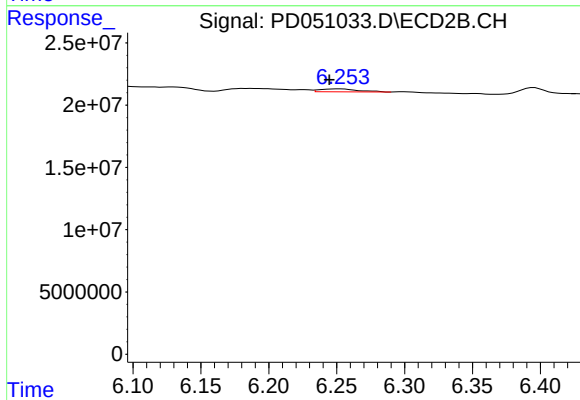
R.T.: 6.187 min
Delta R.T.: 0.015 min
Response: 6350289
Conc: 0.18 ng/ml



#11 alpha-Chlordane

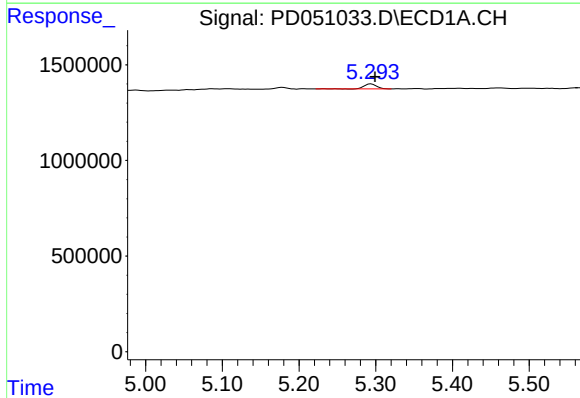
R.T.: 0.000 min
Exp R.T.: 5.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



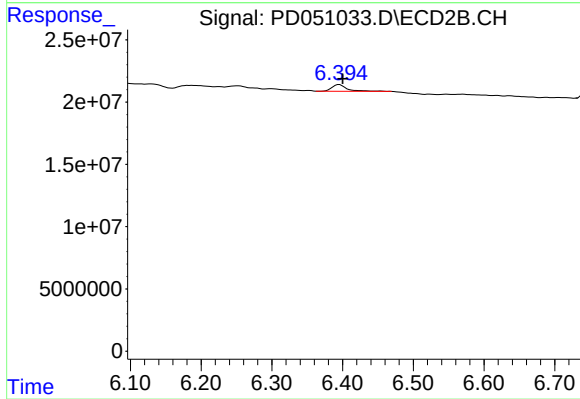
#11 alpha-Chlordane

R.T.: 6.253 min
Delta R.T.: 0.009 min
Response: 4607062
Conc: 0.14 ng/ml



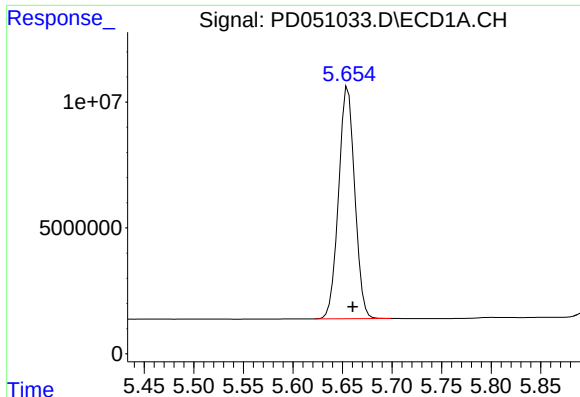
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.005 min
Response: 296428
Conc: 0.14 ng/ml



#12 4,4'-DDE

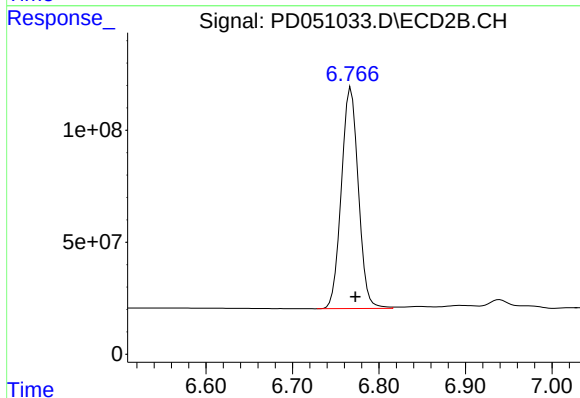
R.T.: 6.395 min
Delta R.T.: -0.005 min
Response: 7899937
Conc: 0.24 ng/ml



#14 Endrin

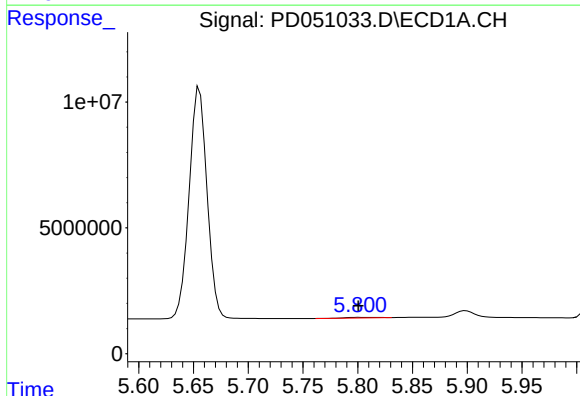
R.T.: 5.656 min
Delta R.T.: -0.005 min
Response: 104449568
Conc: 47.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



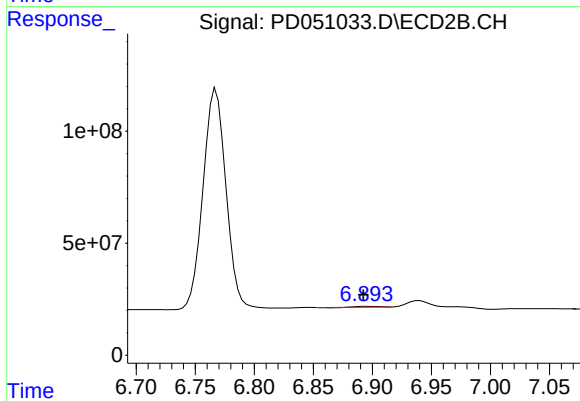
#14 Endrin

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 1339356567
Conc: 47.56 ng/ml



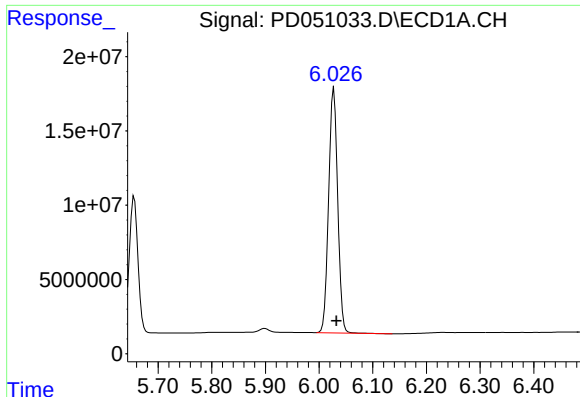
#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: 0.001 min
Response: 362325
Conc: 0.21 ng/ml



#16 4,4'-DDD

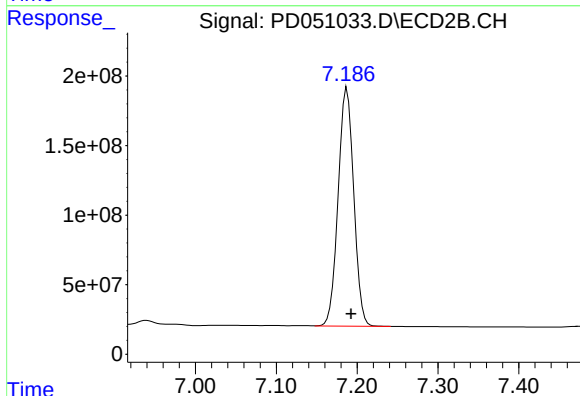
R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 2933401
Conc: 0.11 ng/ml



#17 4,4'-DDT

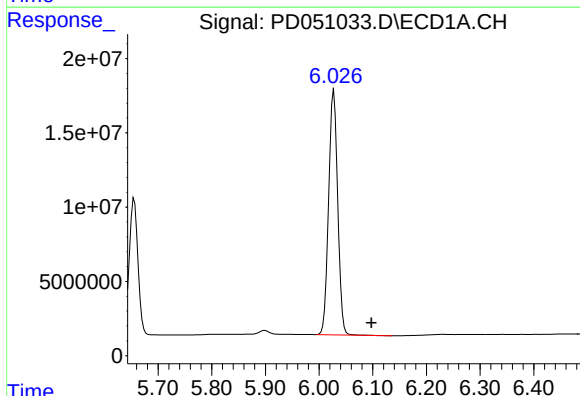
R.T.: 6.028 min
Delta R.T.: -0.005 min
Response: 193846270
Conc: 103.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



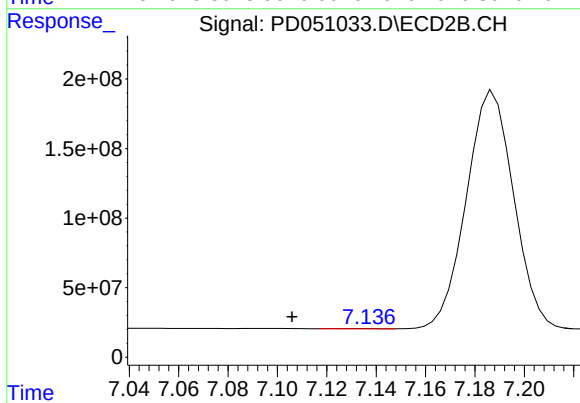
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: -0.005 min
Response: 2292832506
Conc: 96.06 ng/ml



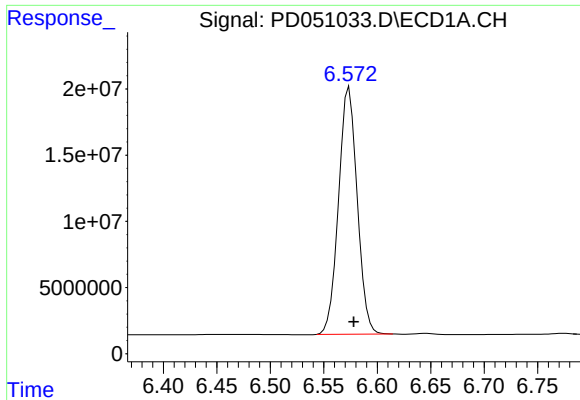
#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: -0.070 min
Response: 193846270
Conc: 120.07 ng/ml



#18 Endrin aldehyde

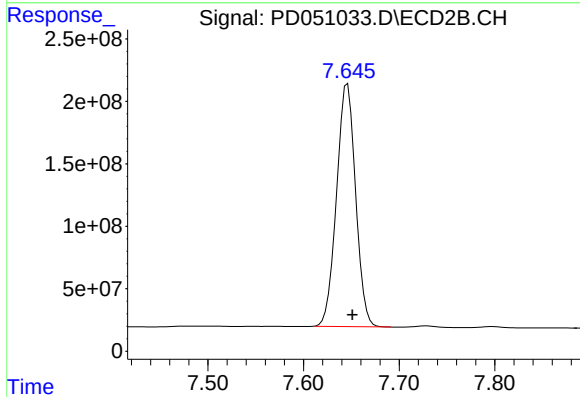
R.T.: 7.135 min
Delta R.T.: 0.029 min
Response: 1869690
Conc: 0.08 ng/ml



#20 Methoxychlor

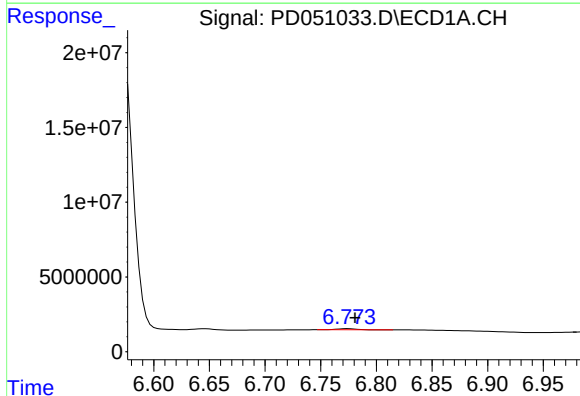
R.T.: 6.574 min
Delta R.T.: -0.004 min
Response: 226774399
Conc: 237.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



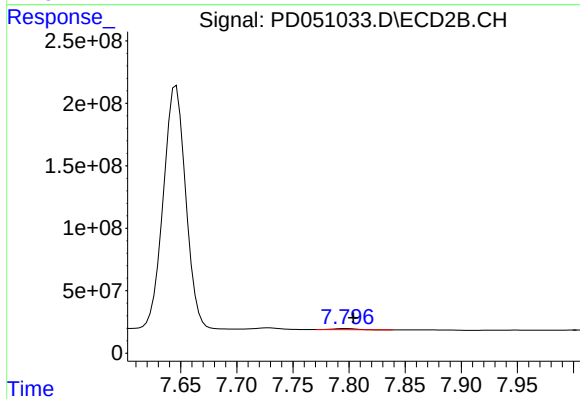
#20 Methoxychlor

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 2690534100
Conc: 221.02 ng/ml



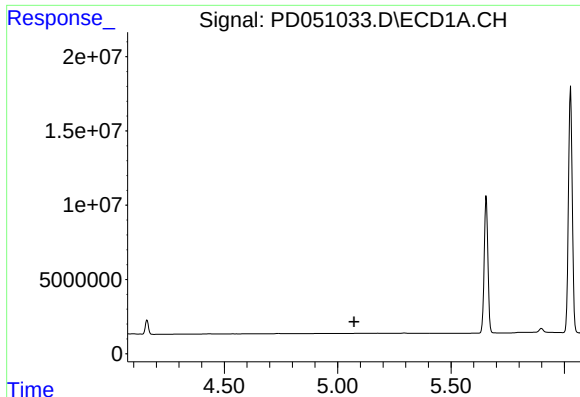
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.006 min
Response: 941254
Conc: 0.44 ng/ml



#21 Endrin ketone

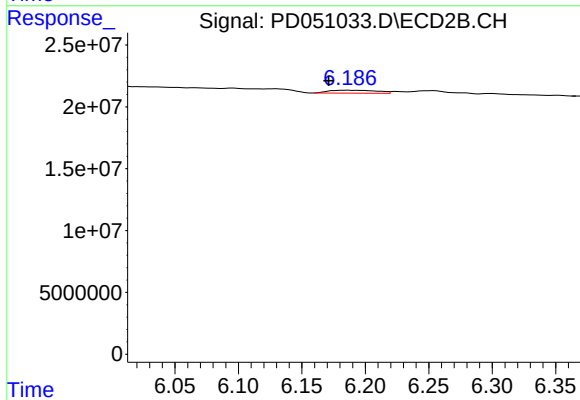
R.T.: 7.797 min
Delta R.T.: -0.007 min
Response: 12344906
Conc: 0.49 ng/ml



#25 Chlordane-3

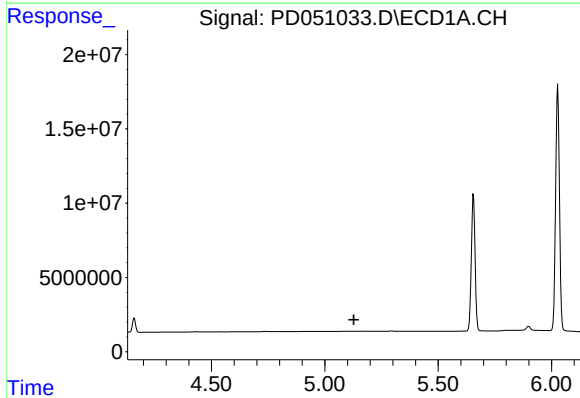
R.T.: 0.000 min
Exp R.T.: 5.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



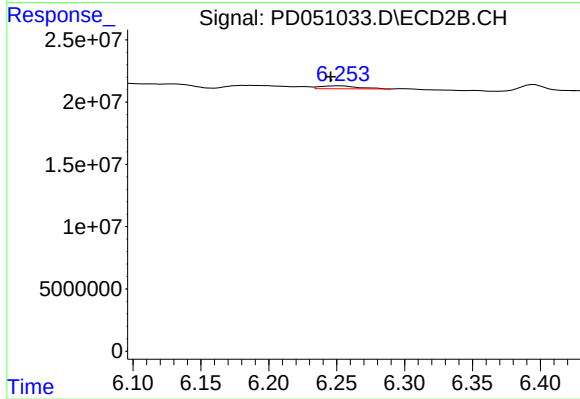
#25 Chlordane-3

R.T.: 6.187 min
Delta R.T.: 0.016 min
Response: 6350289
Conc: 1.46 ng/ml



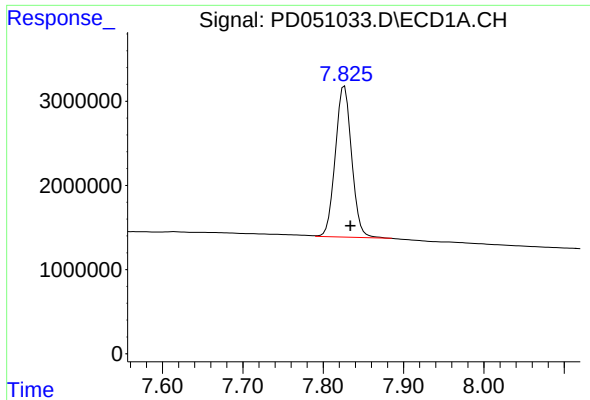
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.



#26 Chlordane-4

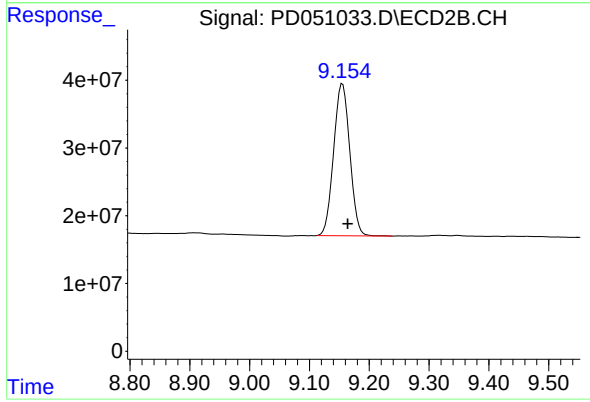
R.T.: 6.253 min
Delta R.T.: 0.008 min
Response: 4607062
Conc: 0.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: -0.008 min
Response: 25331755
Conc: 20.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: -0.009 min
Response: 421448202
Conc: 21.12 ng/ml