

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031919\
 Data File : PD051878.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Mar 2019 8:51
 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: Mar 19 11:03:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.222	4.043	27874686	592.2E6	21.023	20.652
28)	SA Decachlor...	7.820	9.153	22893949	350.9E6	20.141	19.210
Target Compounds							
2)	A alpha-BHC	3.642	4.435	20081588	460.3E6	9.148	10.550
3)	MA gamma-BHC...	3.910	4.722	20417869	430.9E6	9.773	10.878
4)	MA Heptachlor	0.000	5.240	0	4661447	N.D.	0.122 #
6)	B beta-BHC	4.156	4.892	9160375	205.3E6	10.404	11.423
7)	B delta-BHC	0.000	5.086f	0	30765909	N.D.	0.895 #
8)	B Heptachlo...	0.000	5.919	0	12045045	N.D.	0.376 #
10)	B gamma-Chl...	0.000	6.172	0	12476401	N.D.	0.390 #
11)	B alpha-Chl...	0.000	6.251	0	9402485	N.D.	0.297 #
12)	B 4,4'-DDE	0.000	6.392	0	21269142	N.D.	0.688 #
13)	MA Dieldrin	0.000	6.558	0	4519290	N.D.	0.146 #
14)	MA Endrin	5.651	6.765	95559382	1204.7E6	49.877	46.137
15)	B Endosulfa...	0.000	6.976	0	17316260	N.D.	0.672 #
16)	A 4,4'-DDD	5.790	6.886	2496262	56768825	1.586	2.311 #
17)	MA 4,4'-DDT	6.022	7.185	183.9E6	2047.0E6	115.131	101.051
18)	B Endrin al...	6.087	7.098	2471323	30834725	1.671	1.438
20)	A Methoxychlor	6.568	7.644	228.0E6	2409.4E6	256.693	218.901
21)	B Endrin ke...	6.769	7.796	4987786	48889452	2.694	2.164
25)	Chlordane-3	0.000	6.172	0	12476401	N.D.	2.802 #
26)	Chlordane-4	0.000	6.251	0	9402485	N.D.	1.795 #

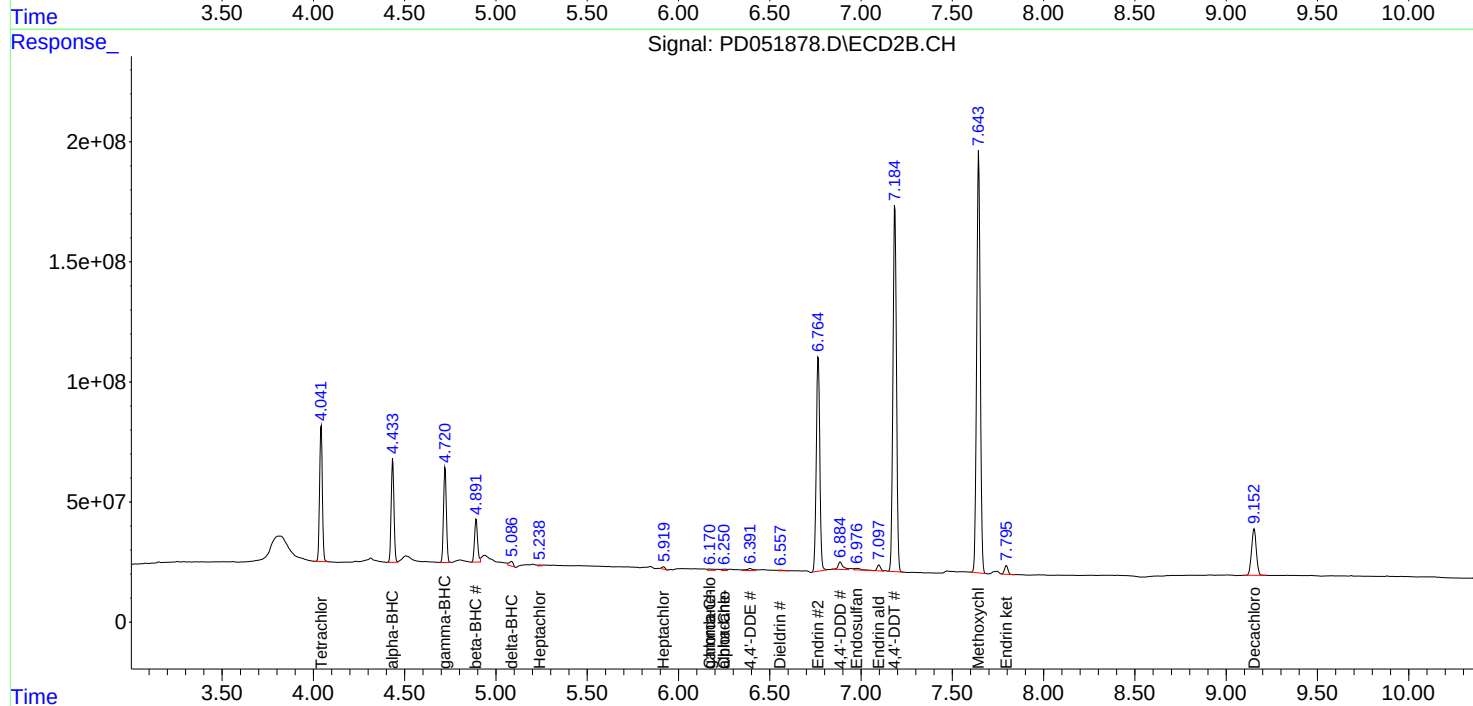
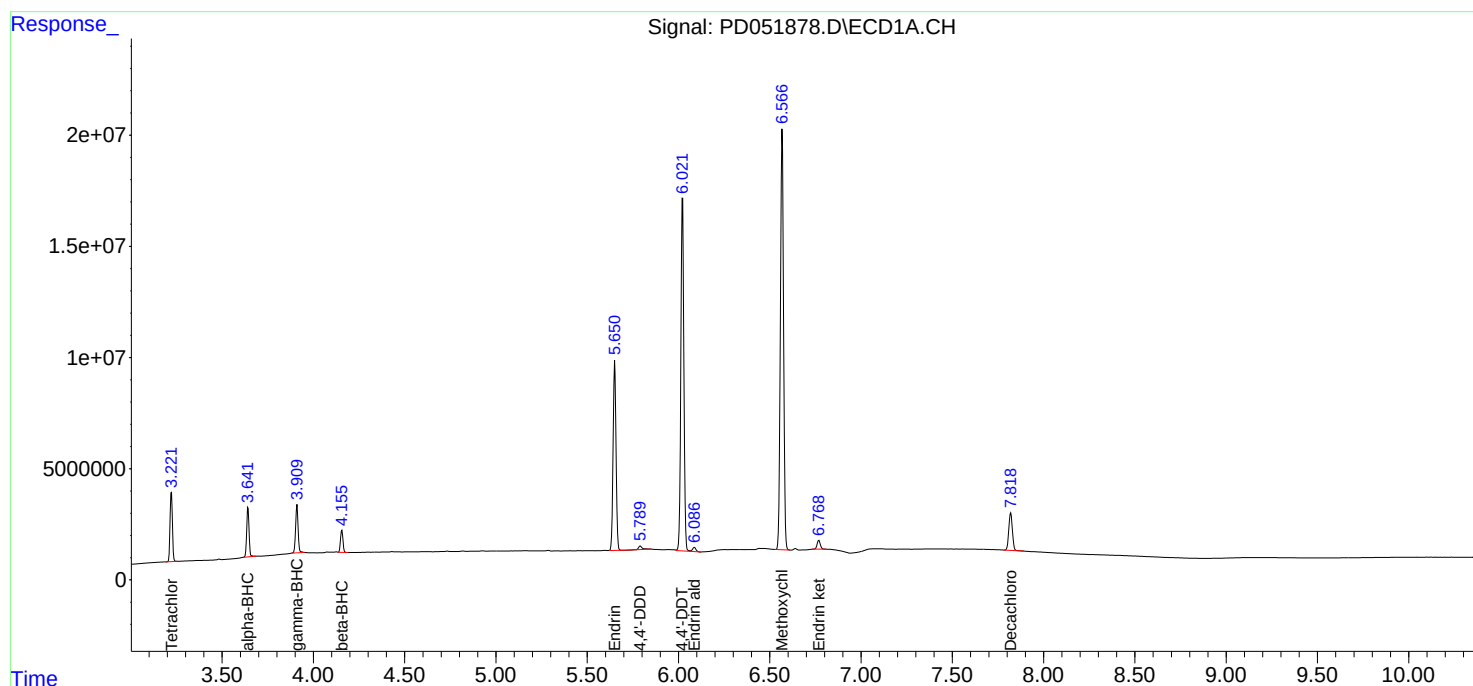
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

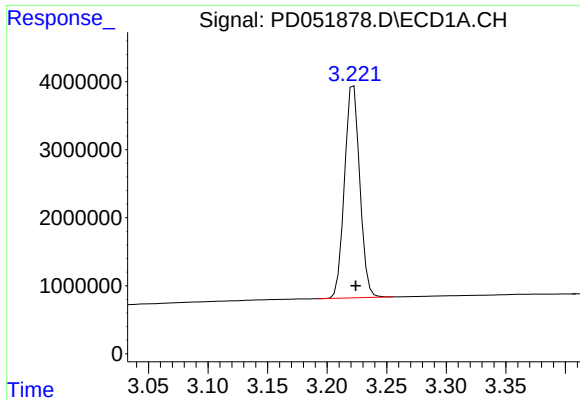
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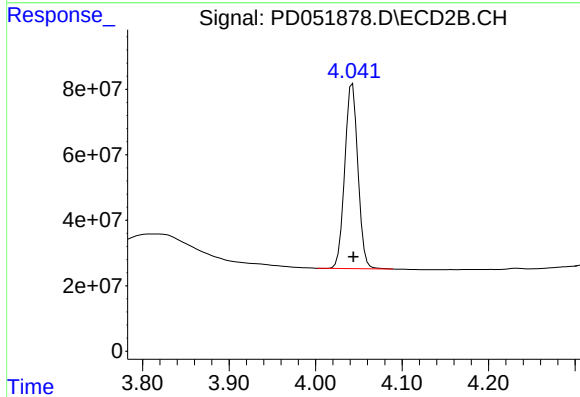




#1 Tetrachloro-m-xylene

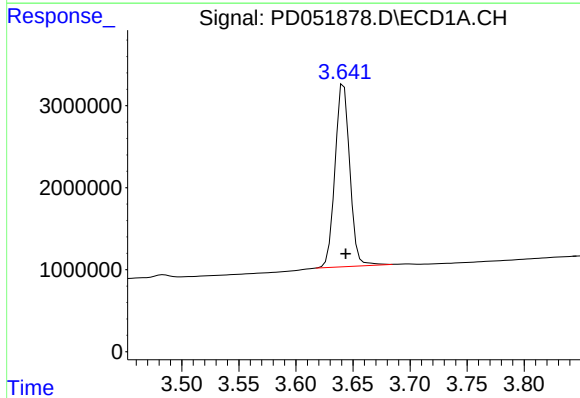
R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 27874686
Conc: 21.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



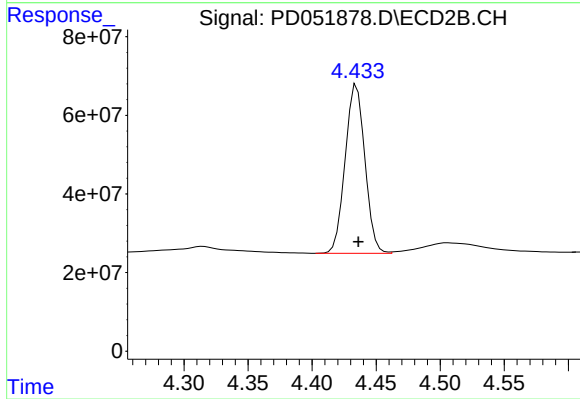
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 592225161
Conc: 20.65 ng/ml



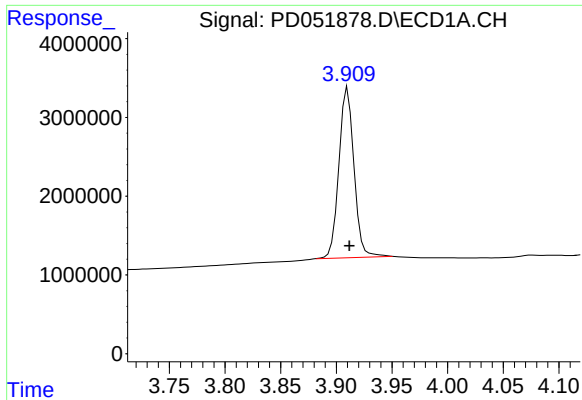
#2 alpha-BHC

R.T.: 3.642 min
Delta R.T.: -0.002 min
Response: 20081588
Conc: 9.15 ng/ml



#2 alpha-BHC

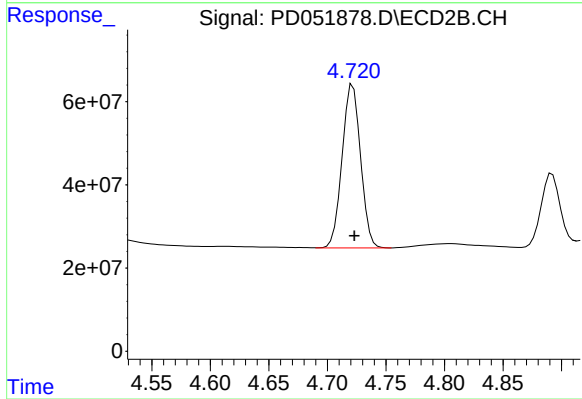
R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 460279821
Conc: 10.55 ng/ml



#3 gamma-BHC (Lindane)

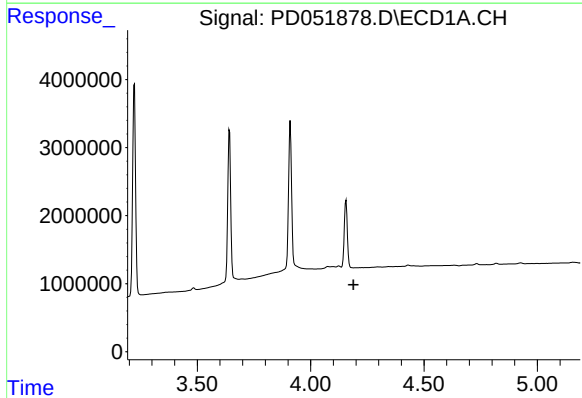
R.T.: 3.910 min
Delta R.T.: -0.002 min
Response: 20417869
Conc: 9.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



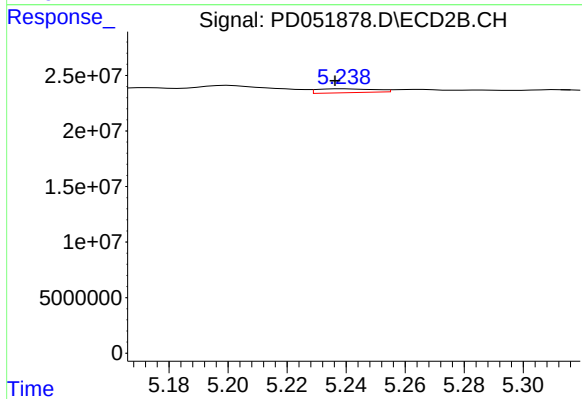
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 430858110
Conc: 10.88 ng/ml



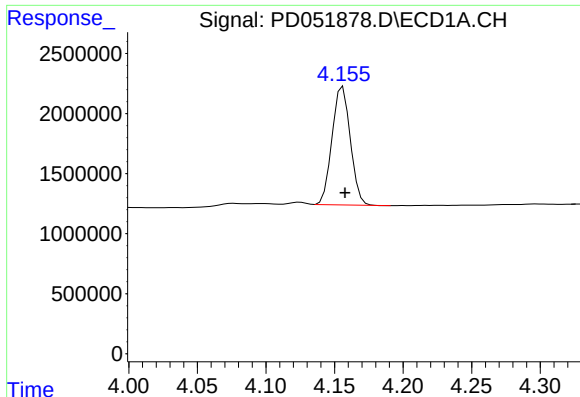
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.190 min
Response: 0
Conc: N.D.



#4 Heptachlor

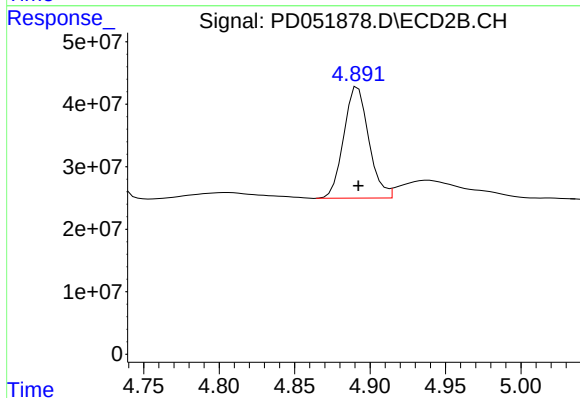
R.T.: 5.240 min
Delta R.T.: 0.003 min
Response: 4661447
Conc: 0.12 ng/ml



#6 beta-BHC

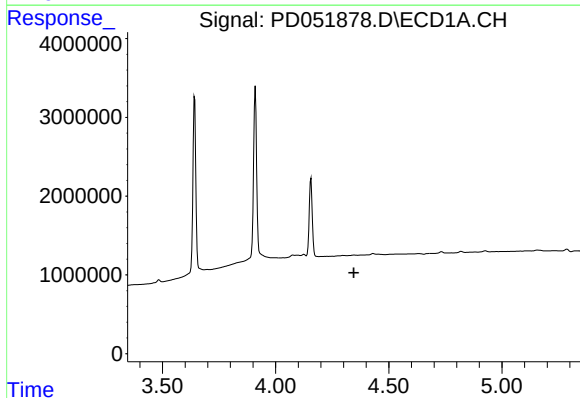
R.T.: 4.156 min
Delta R.T.: -0.001 min
Response: 9160375
Conc: 10.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



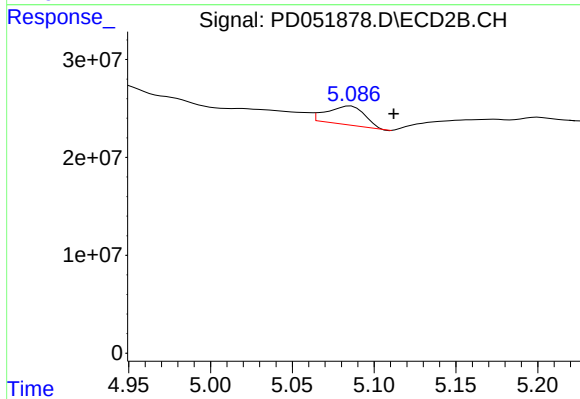
#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 205315239
Conc: 11.42 ng/ml



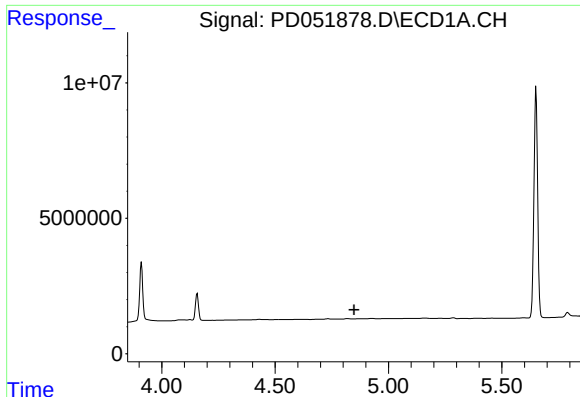
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.346 min
Response: 0
Conc: N.D.



#7 delta-BHC

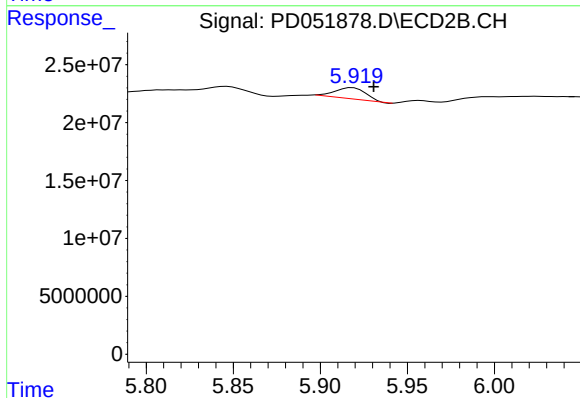
R.T.: 5.086 min
Delta R.T.: -0.026 min
Response: 30765909
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

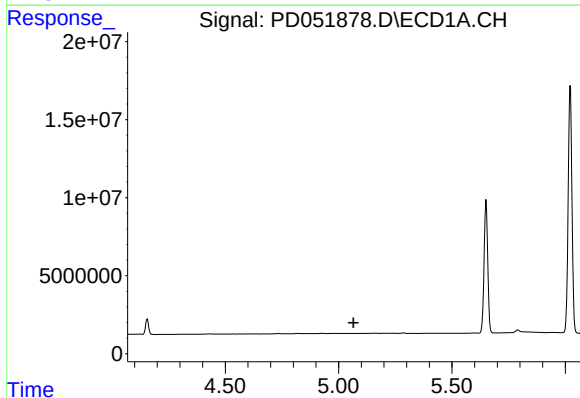
R.T.: 0.000 min
Exp R.T.: 4.849 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



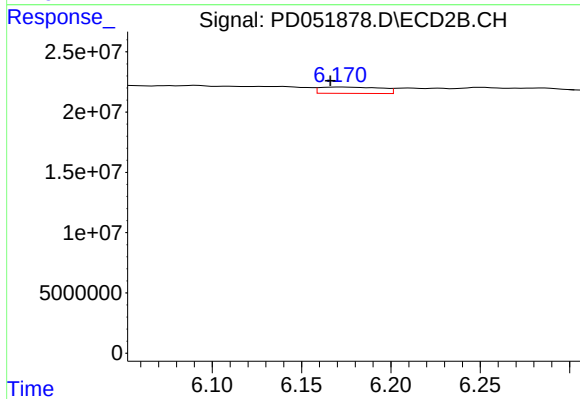
#8 Heptachlor epoxide

R.T.: 5.919 min
Delta R.T.: -0.012 min
Response: 12045045
Conc: 0.38 ng/ml



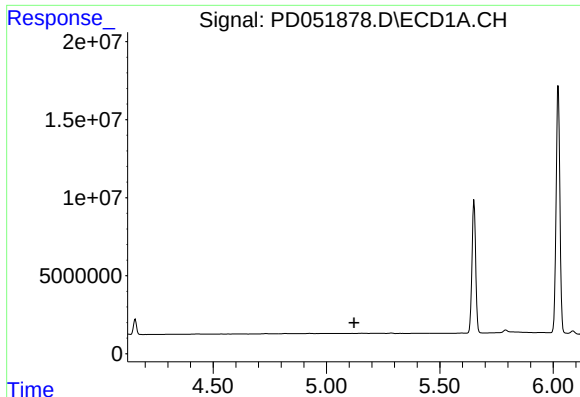
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.066 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

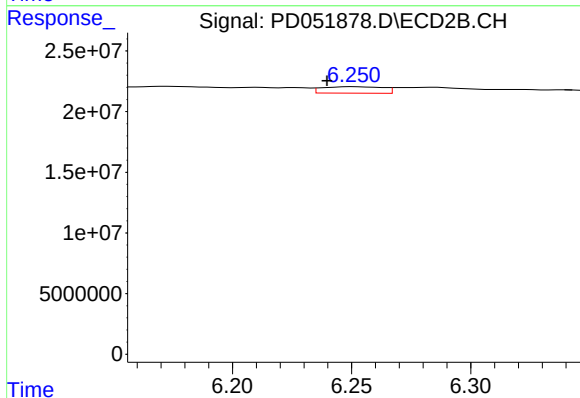
R.T.: 6.172 min
Delta R.T.: 0.005 min
Response: 12476401
Conc: 0.39 ng/ml



#11 alpha-Chlordane

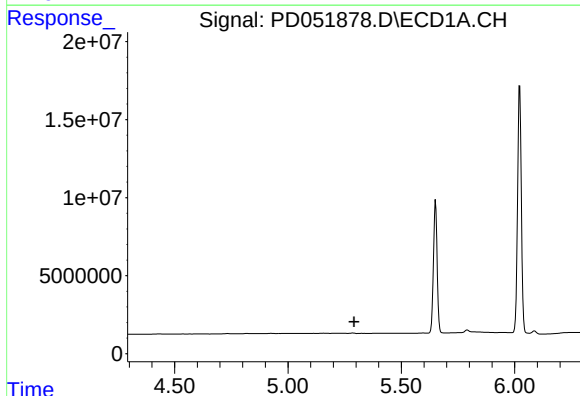
R.T.: 0.000 min
Exp R.T.: 5.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



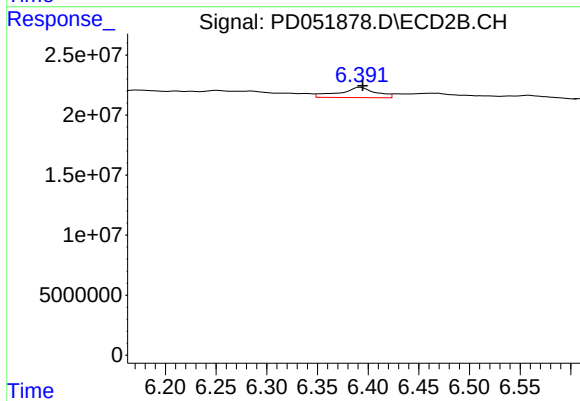
#11 alpha-Chlordane

R.T.: 6.251 min
Delta R.T.: 0.011 min
Response: 9402485
Conc: 0.30 ng/ml



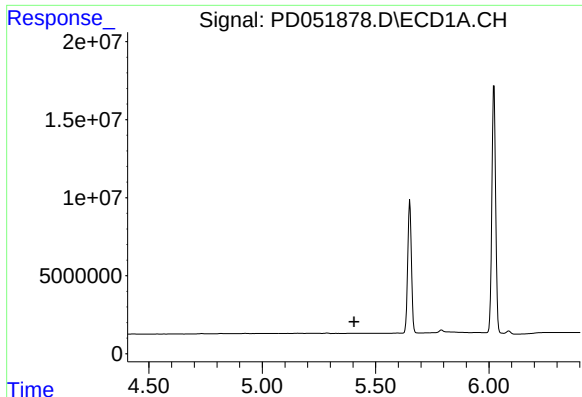
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.292 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

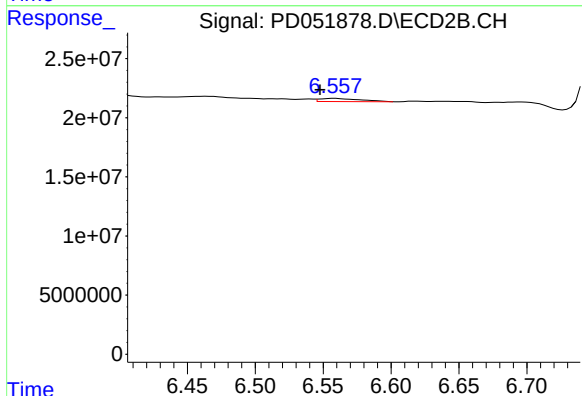
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 21269142
Conc: 0.69 ng/ml



#13 Dieldrin

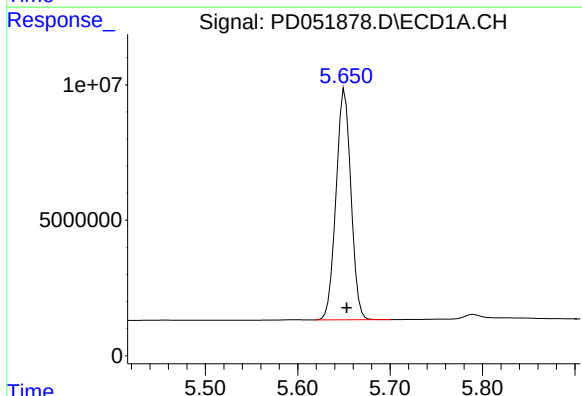
R.T.: 0.000 min
Exp R.T.: 5.406 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



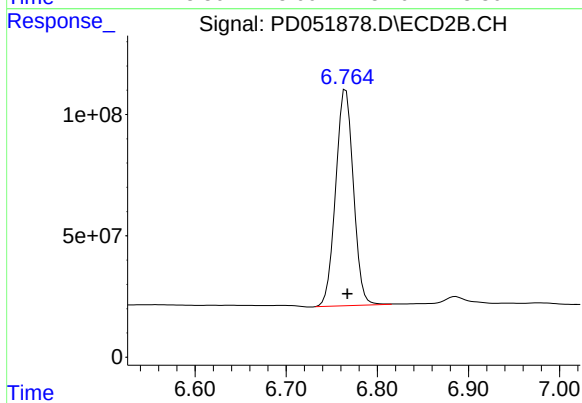
#13 Dieldrin

R.T.: 6.558 min
Delta R.T.: 0.011 min
Response: 4519290
Conc: 0.15 ng/ml



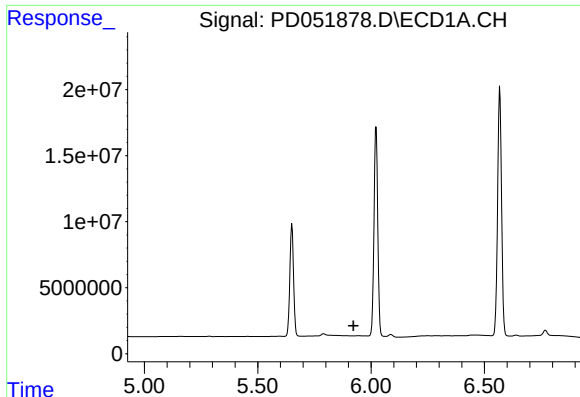
#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 95559382
Conc: 49.88 ng/ml



#14 Endrin

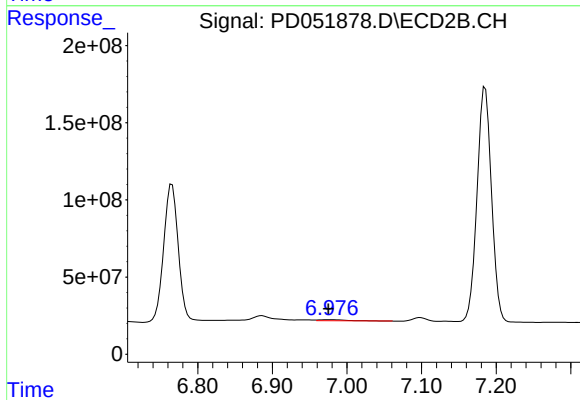
R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 1204717362
Conc: 46.14 ng/ml



#15 Endosulfan II

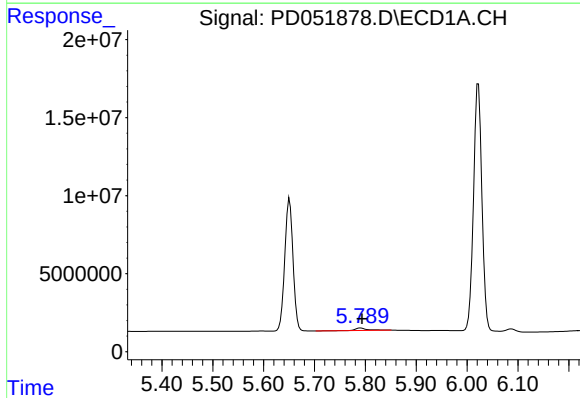
R.T.: 0.000 min
Exp R.T.: 5.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



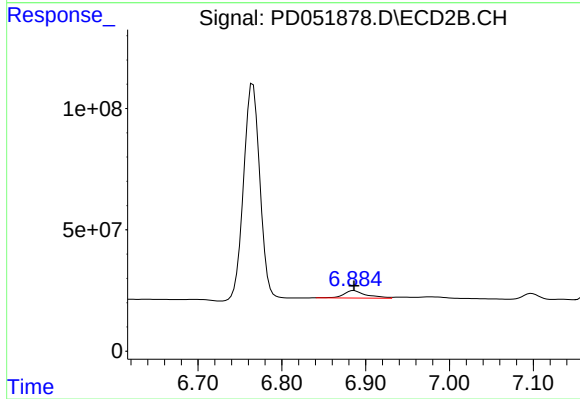
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.001 min
Response: 17316260
Conc: 0.67 ng/ml



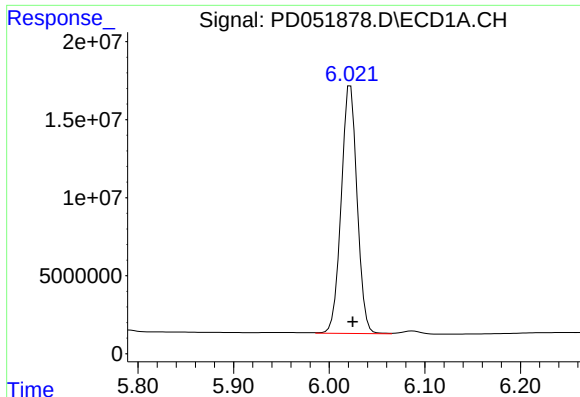
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 2496262
Conc: 1.59 ng/ml



#16 4,4'-DDD

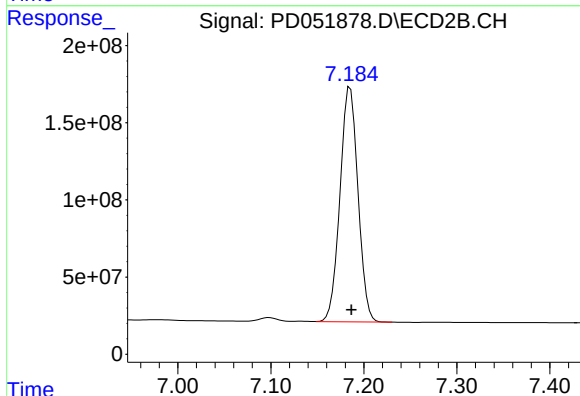
R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 56768825
Conc: 2.31 ng/ml



#17 4,4'-DDT

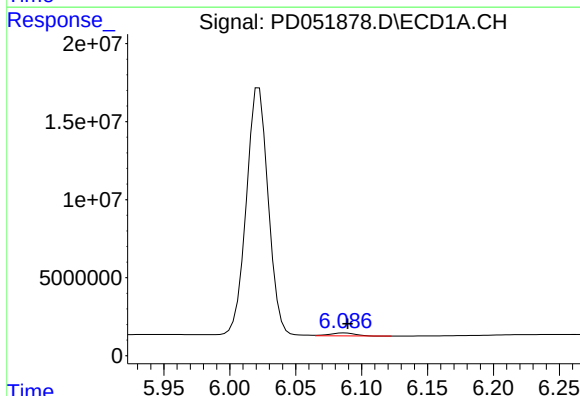
R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 183943906
Conc: 115.13 ng/ml

Instrument :
ECD_D
ClientSampleId :



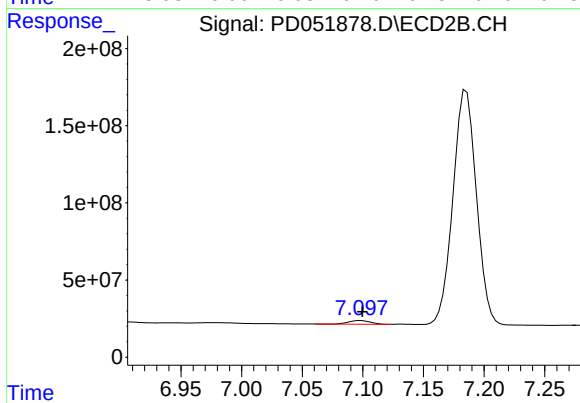
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 2046967026
Conc: 101.05 ng/ml



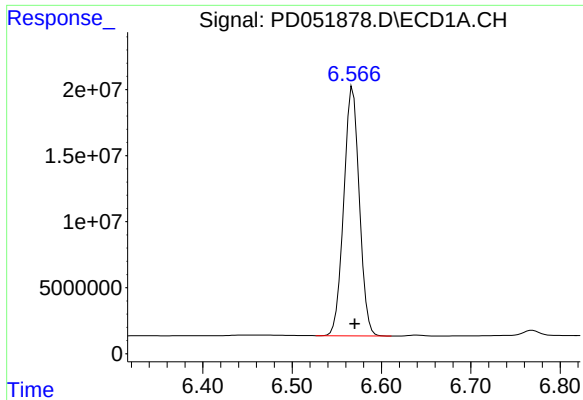
#18 Endrin aldehyde

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 2471323
Conc: 1.67 ng/ml



#18 Endrin aldehyde

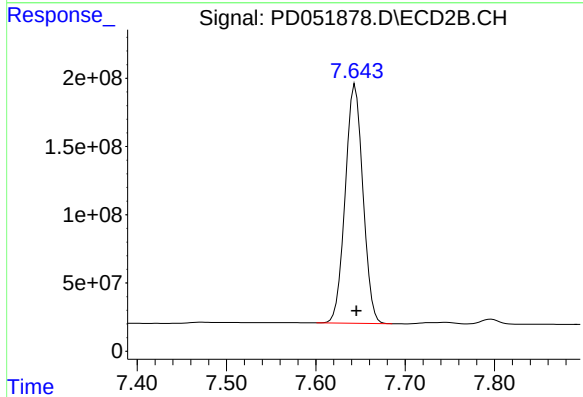
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 30834725
Conc: 1.44 ng/ml



#20 Methoxychlor

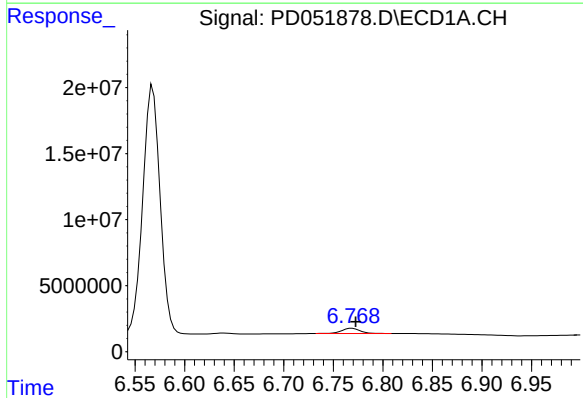
R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 227961964
Conc: 256.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



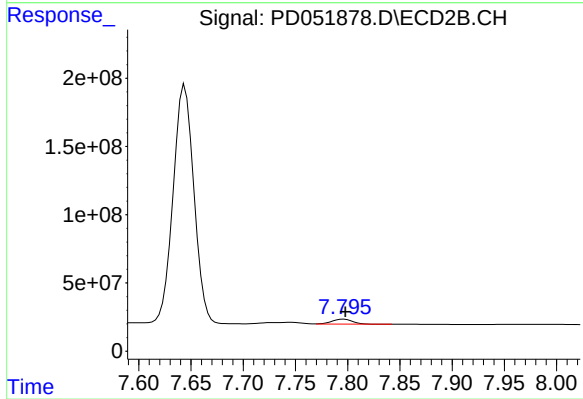
#20 Methoxychlor

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 2409411160
Conc: 218.90 ng/ml



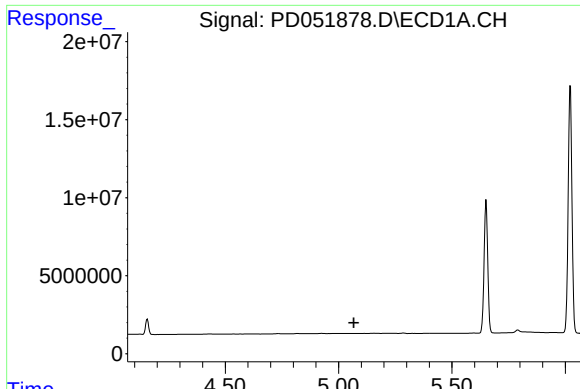
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 4987786
Conc: 2.69 ng/ml



#21 Endrin ketone

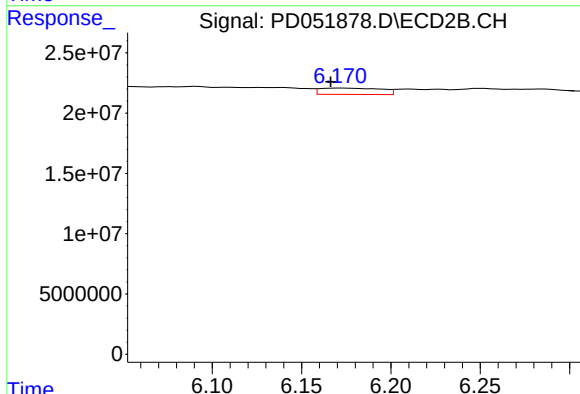
R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 48889452
Conc: 2.16 ng/ml



#25 Chlordane-3

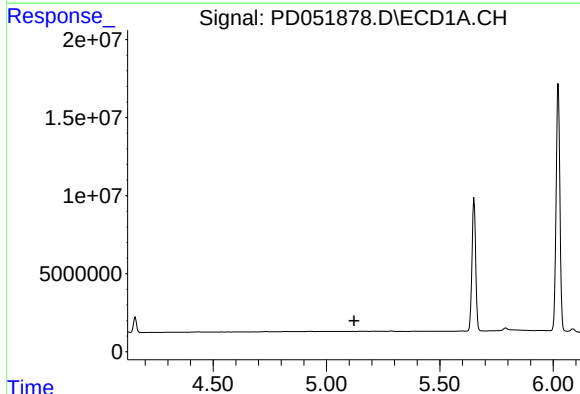
R.T.: 0.000 min
Exp R.T.: 5.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



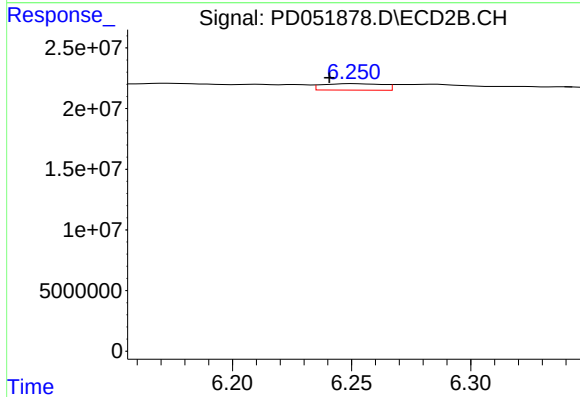
#25 Chlordane-3

R.T.: 6.172 min
Delta R.T.: 0.005 min
Response: 12476401
Conc: 2.80 ng/ml



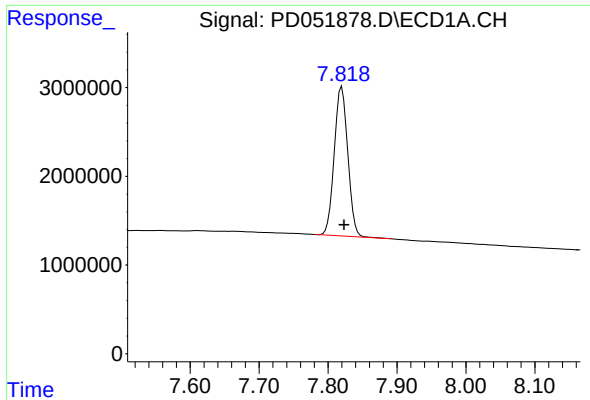
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.122 min
Response: 0
Conc: N.D.



#26 Chlordane-4

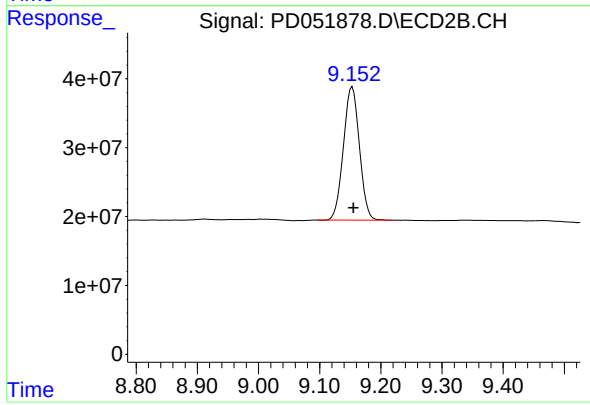
R.T.: 6.251 min
Delta R.T.: 0.010 min
Response: 9402485
Conc: 1.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.003 min
Response: 22893949
Conc: 20.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: -0.002 min
Response: 350905518
Conc: 19.21 ng/ml