

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042621\
 Data File : PD062451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2021 00:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 01:43:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042321.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 23 23:19:57 2021
 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...	3.484	3.981	16347832	213.2E6	20.071	20.246
28)	SA Decachlor...	8.255	9.040	25168654	188.7E6	20.749	22.234
Target Compounds							
2)	A alpha-BHC	3.923	4.369	11515577	159.7E6	8.990	9.449
3)	MA gamma-BHC...	4.208	4.653	11434630	154.4E6	9.291	9.829
5)	MB Aldrin	0.000	5.482	0	764960	N.D.	0.051 #
6)	B beta-BHC	4.458	4.823	6154543	65884131	10.223	9.848
8)	B Heptachlo...	0.000	5.860	0	14840453	N.D.	1.080 #
11)	B alpha-Chl...	0.000	6.176f	0	2134590	N.D.	0.155 #
12)	B 4,4'-DDE	0.000	6.316	0	3687870	N.D.	0.261 #
13)	MA Dieldrin	0.000	6.469	0	8048518	N.D.	0.572 #
14)	MA Endrin	6.048	6.684	51100185	531.5E6	44.092	43.566
15)	B Endosulfa...	0.000	6.901	0	4171245	N.D.	0.362 #
16)	A 4,4'-DDD	6.171	6.806	1766380	22253665	1.765	1.997
17)	MA 4,4'-DDT	6.413	7.104	95618467	989.3E6	93.636	99.207
18)	B Endrin al...	0.000	7.016	0	10297918	N.D.	1.091 #
20)	A Methoxychlor	6.959	7.562	133.1E6	1164.1E6	224.008	238.260
21)	B Endrin ke...	7.196	7.709	3194286	28289868	2.622	2.820
23)	Chlordane-1	0.000	4.961	0	737466	N.D.	1.494 #
26)	Chlordane-4	0.000	6.176	0	2134590	N.D.	0.937 #

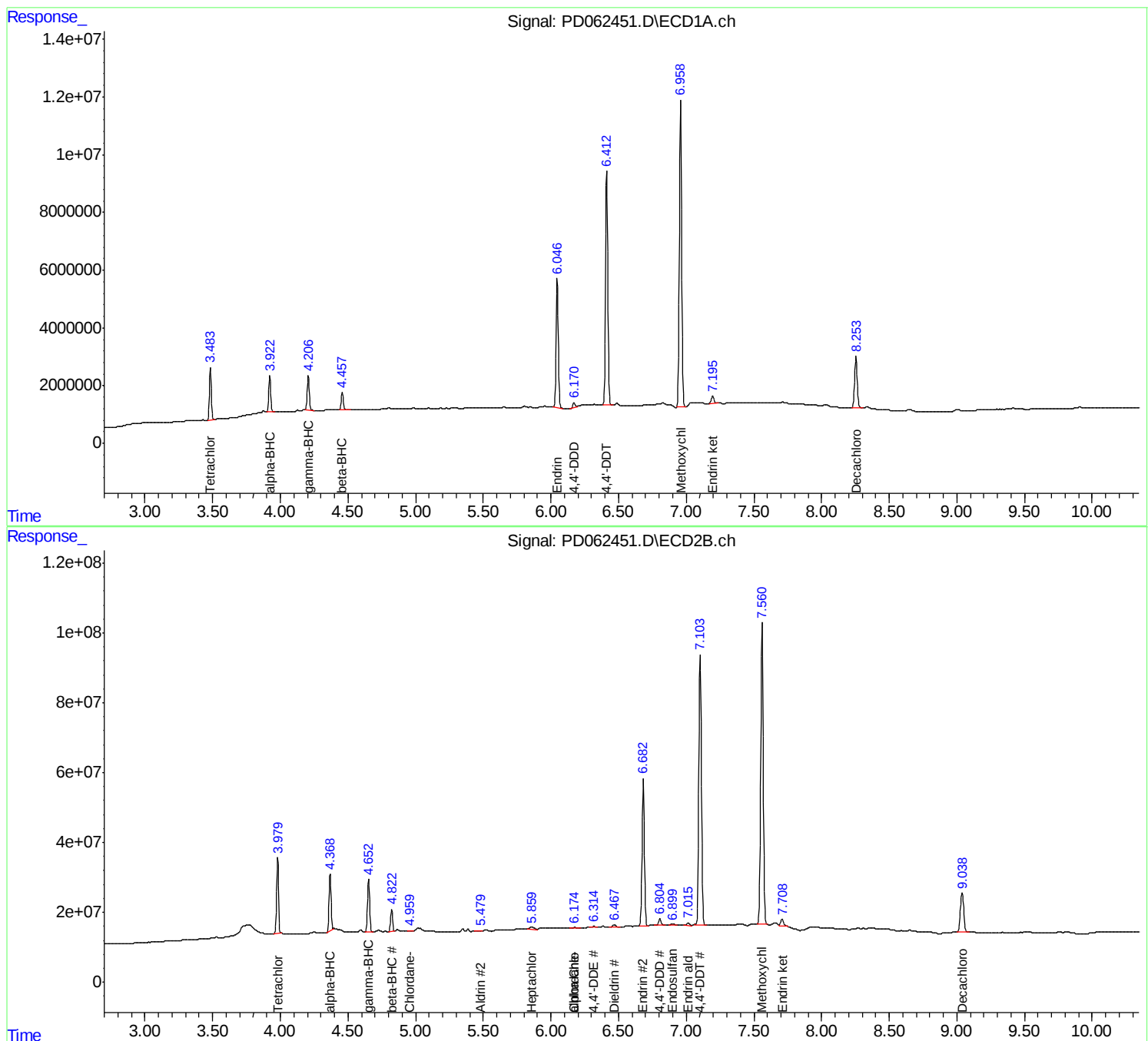
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

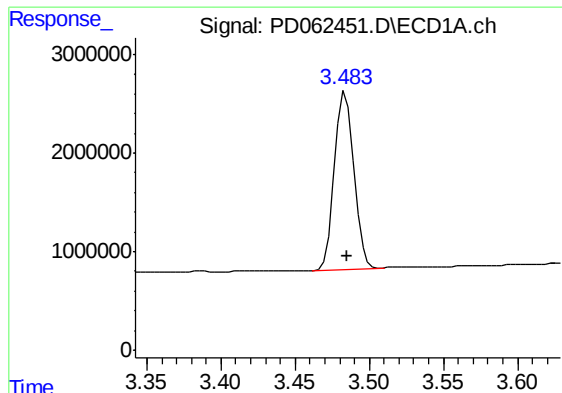
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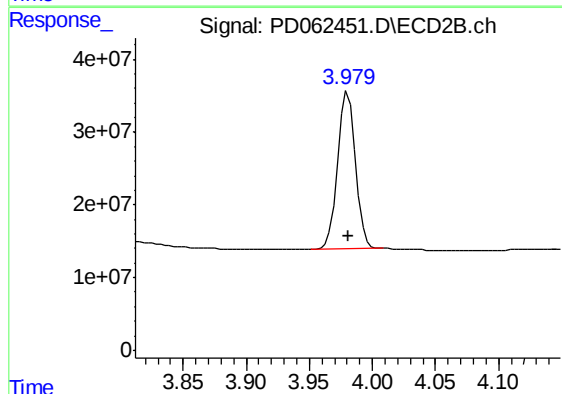




#1 Tetrachloro-m-xylene

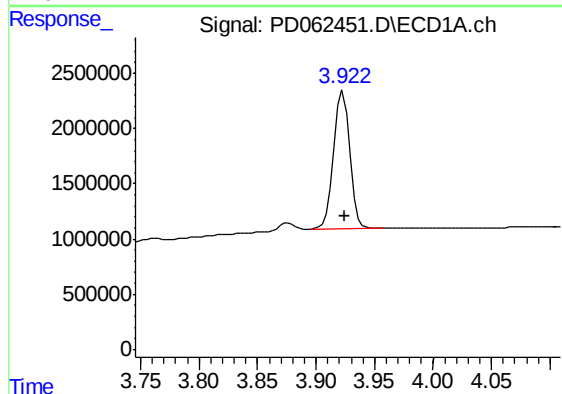
R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 16347832
Conc: 20.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



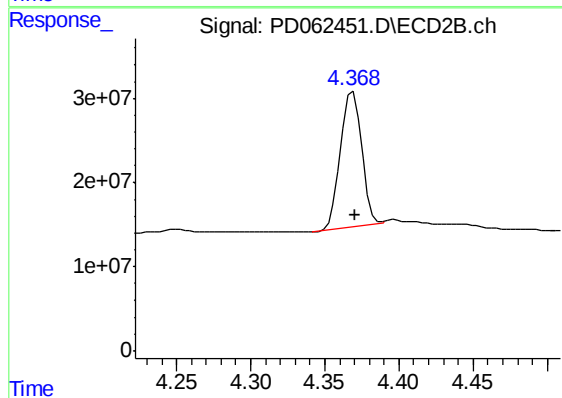
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 213221005
Conc: 20.25 ng/ml



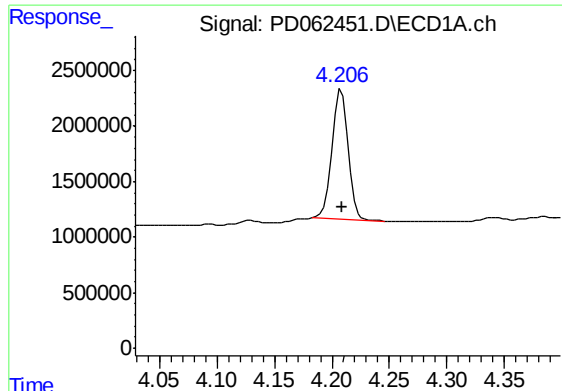
#2 alpha-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 11515577
Conc: 8.99 ng/ml



#2 alpha-BHC

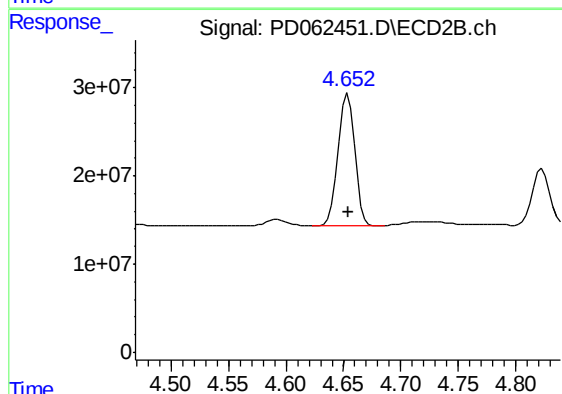
R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 159695474
Conc: 9.45 ng/ml



#3 gamma-BHC (Lindane)

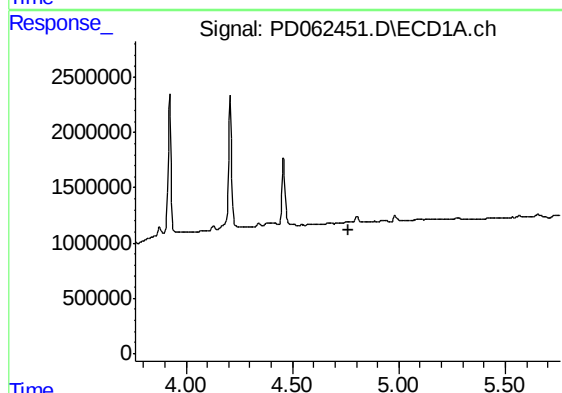
R.T.: 4.208 min
Delta R.T.: -0.001 min
Response: 11434630
Conc: 9.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



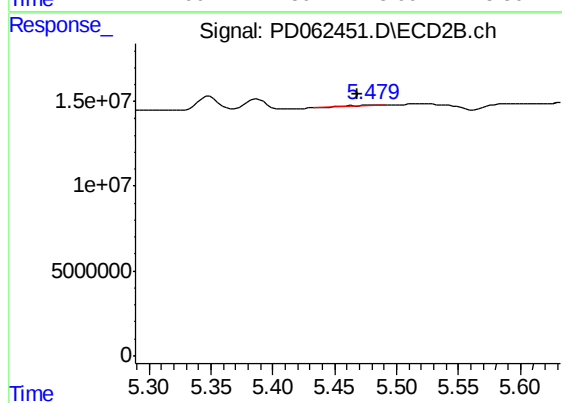
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 154375820
Conc: 9.83 ng/ml



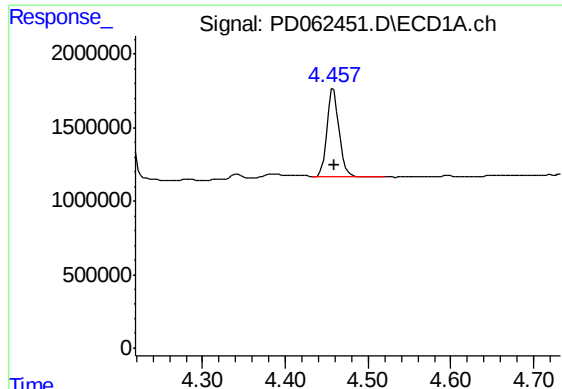
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.762 min
Response: 0
Conc: N.D.



#5 Aldrin

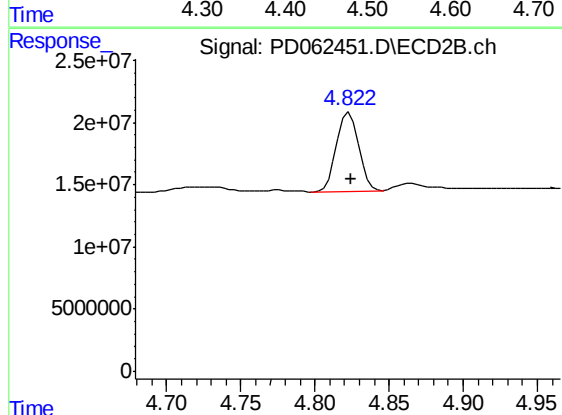
R.T.: 5.482 min
Delta R.T.: 0.013 min
Response: 764960
Conc: 0.05 ng/ml



#6 beta-BHC

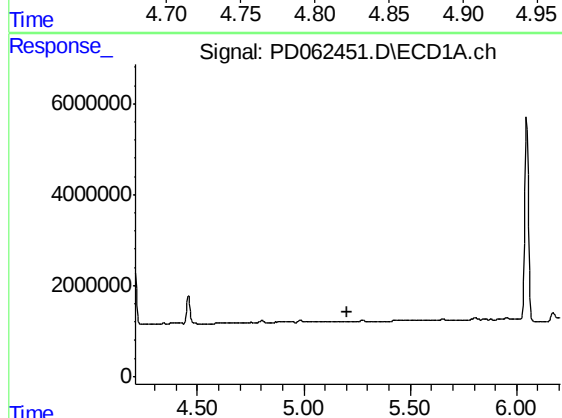
R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 6154543
Conc: 10.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



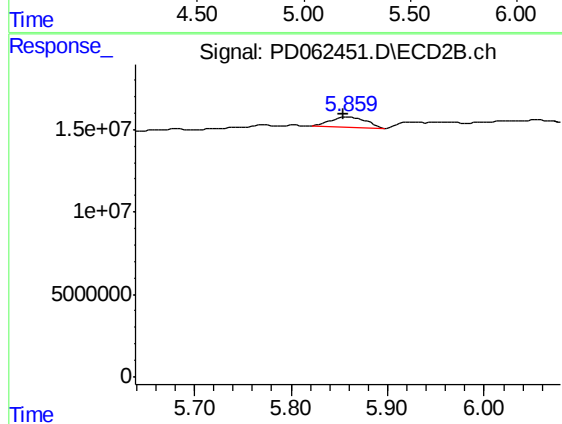
#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 65884131
Conc: 9.85 ng/ml



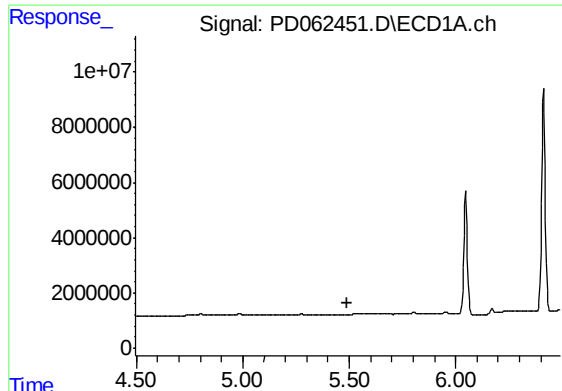
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

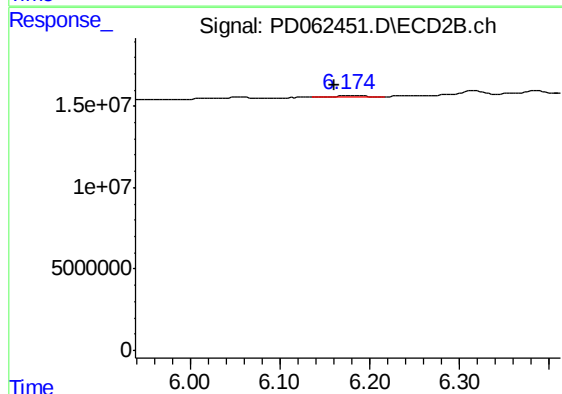
R.T.: 5.860 min
Delta R.T.: 0.006 min
Response: 14840453
Conc: 1.08 ng/ml



#11 alpha-Chlordane

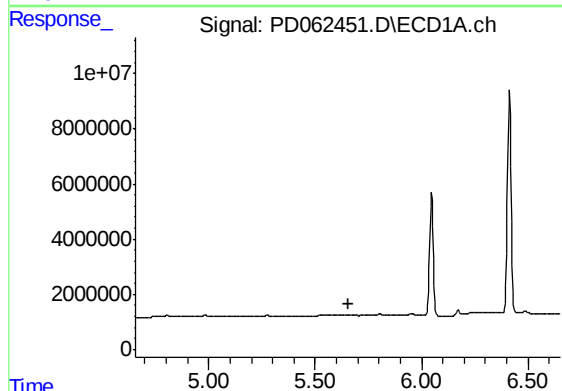
R.T.: 0.000 min
Exp R.T. : 5.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



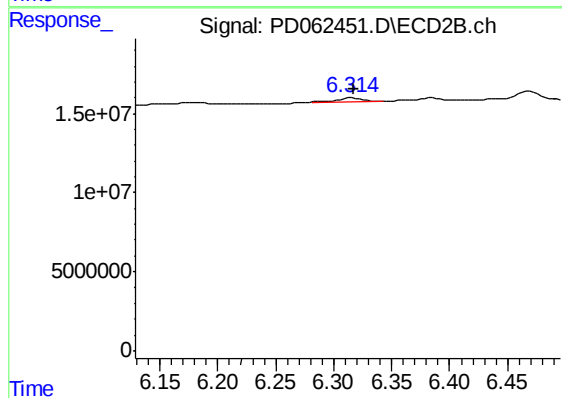
#11 alpha-Chlordane

R.T.: 6.176 min
Delta R.T.: 0.015 min
Response: 2134590
Conc: 0.16 ng/ml



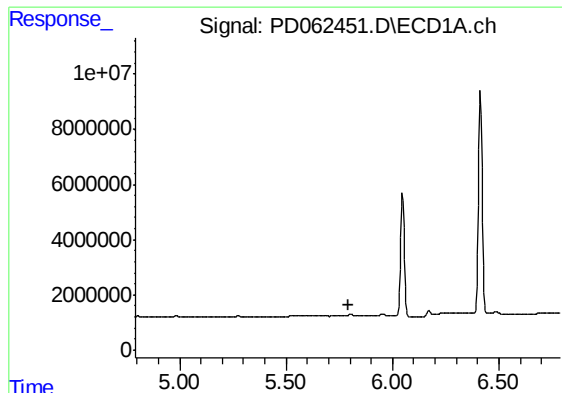
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.655 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

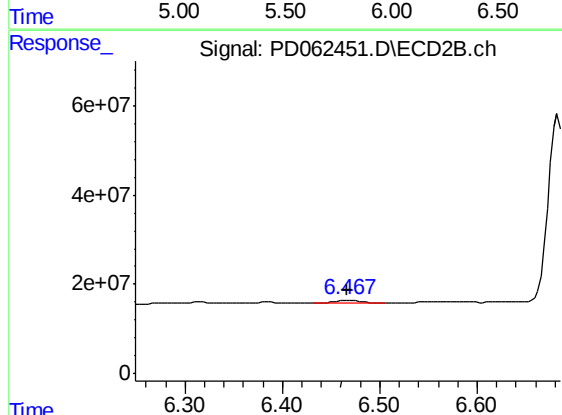
R.T.: 6.316 min
Delta R.T.: -0.001 min
Response: 3687870
Conc: 0.26 ng/ml



#13 Dieldrin

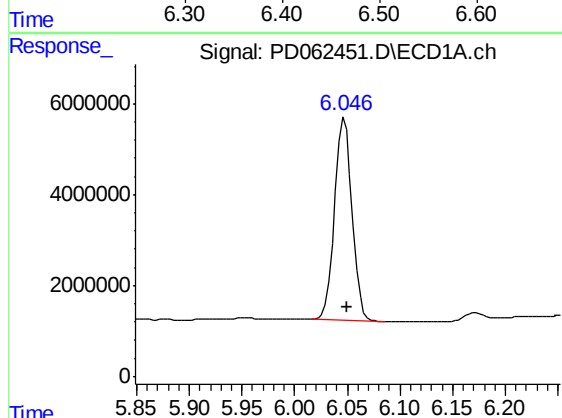
R.T.: 0.000 min
Exp R.T.: 5.791 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



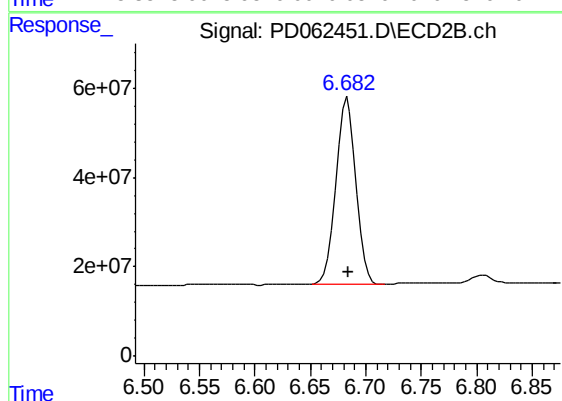
#13 Dieldrin

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 8048518
Conc: 0.57 ng/ml



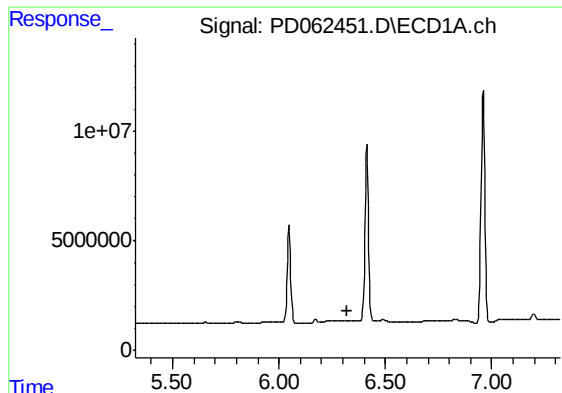
#14 Endrin

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 51100185
Conc: 44.09 ng/ml



#14 Endrin

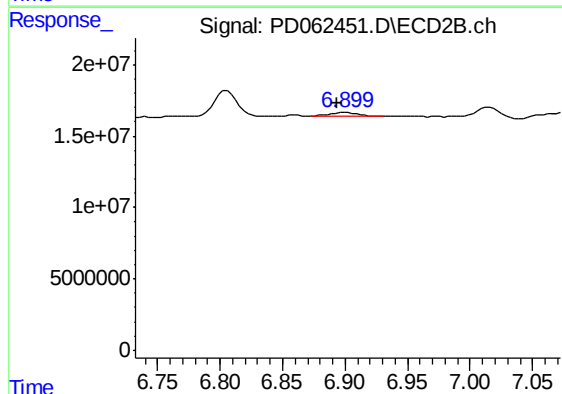
R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 531482583
Conc: 43.57 ng/ml



#15 Endosulfan II

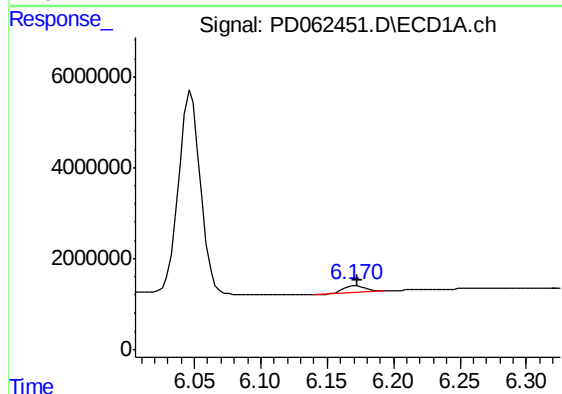
R.T.: 0.000 min
Exp R.T.: 6.323 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



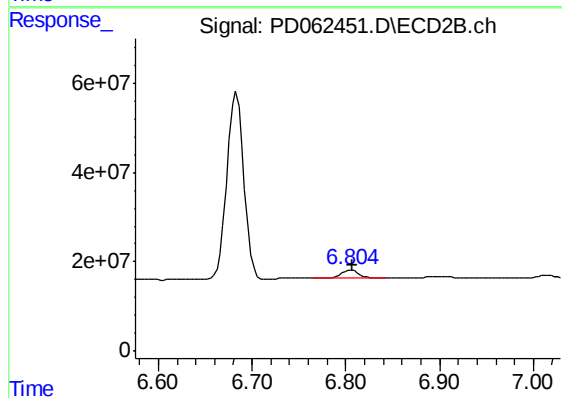
#15 Endosulfan II

R.T.: 6.901 min
Delta R.T.: 0.007 min
Response: 4171245
Conc: 0.36 ng/ml



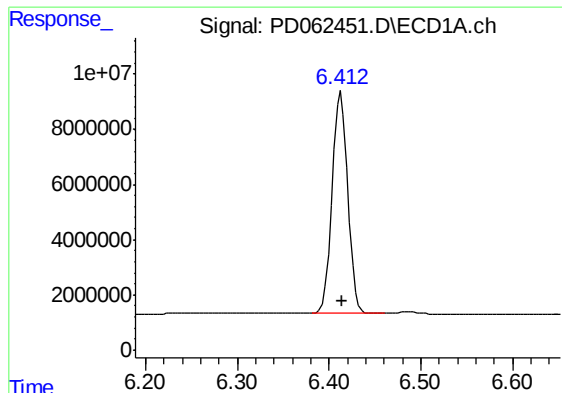
#16 4,4'-DDD

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 1766380
Conc: 1.77 ng/ml



#16 4,4'-DDD

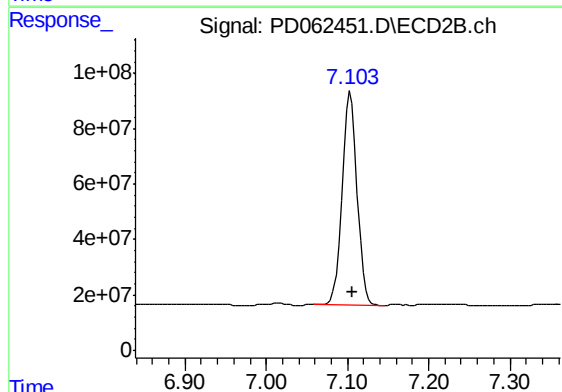
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 22253665
Conc: 2.00 ng/ml



#17 4,4'-DDT

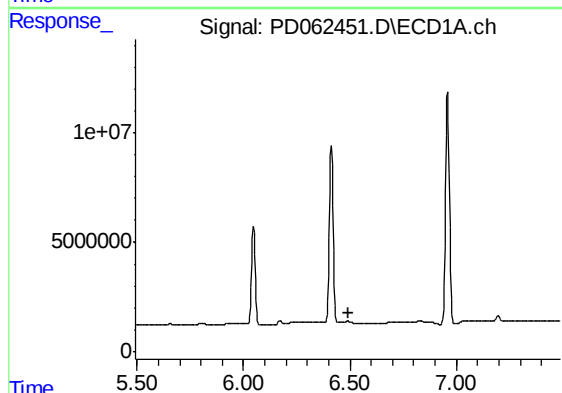
R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 95618467
Conc: 93.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



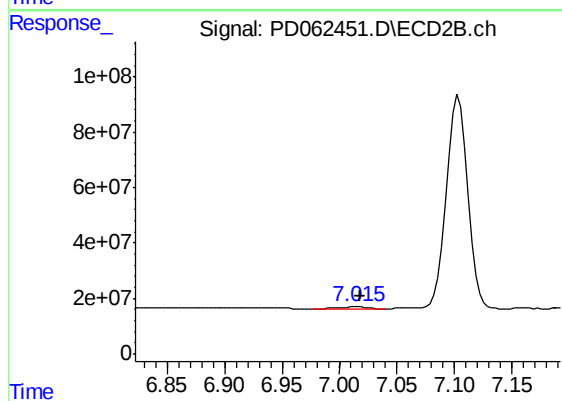
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 989311097
Conc: 99.21 ng/ml



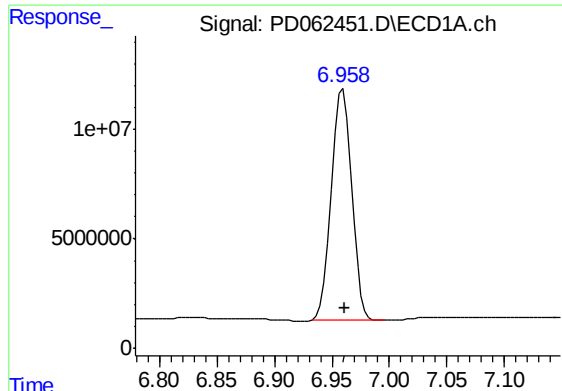
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.492 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

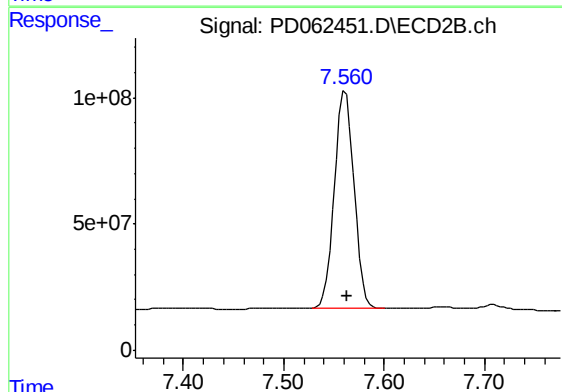
R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 10297918
Conc: 1.09 ng/ml



#20 Methoxychlor

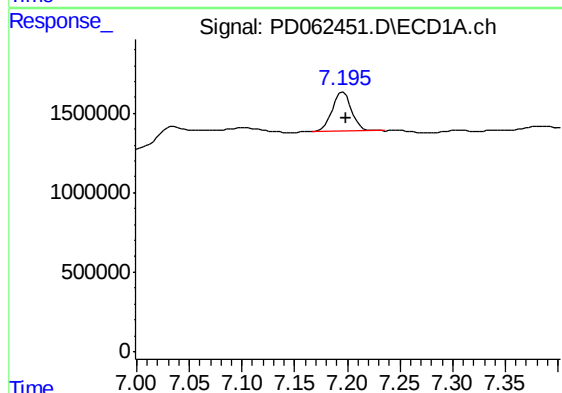
R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 133111874
Conc: 224.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



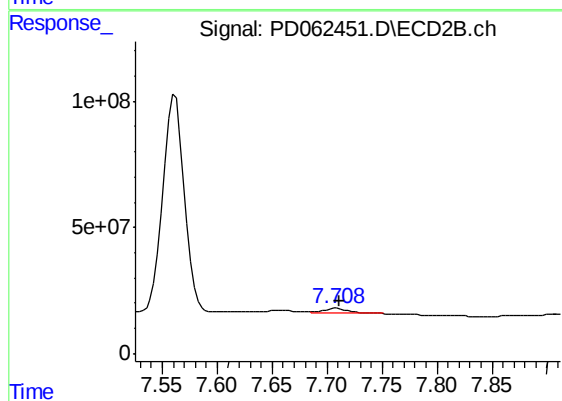
#20 Methoxychlor

R.T.: 7.562 min
Delta R.T.: -0.002 min
Response: 1164060457
Conc: 238.26 ng/ml



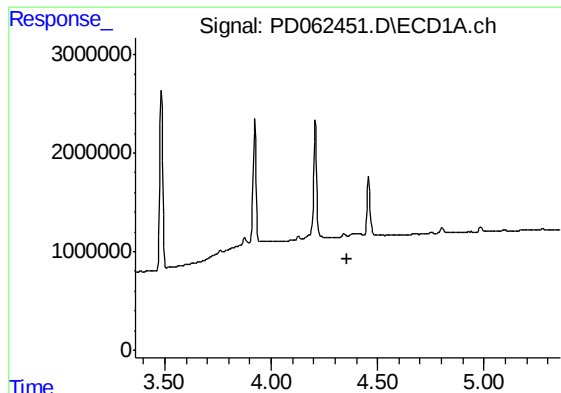
#21 Endrin ketone

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 3194286
Conc: 2.62 ng/ml



#21 Endrin ketone

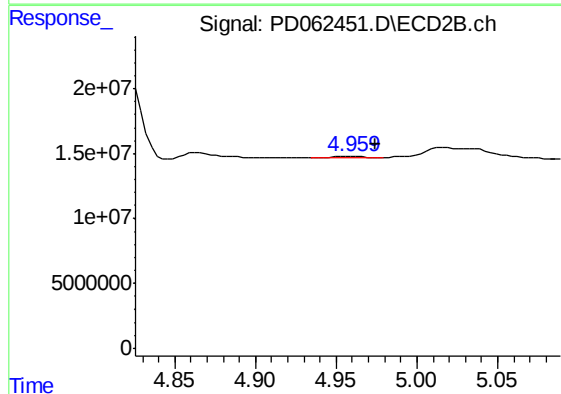
R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 28289868
Conc: 2.82 ng/ml



#23 Chlordane-1

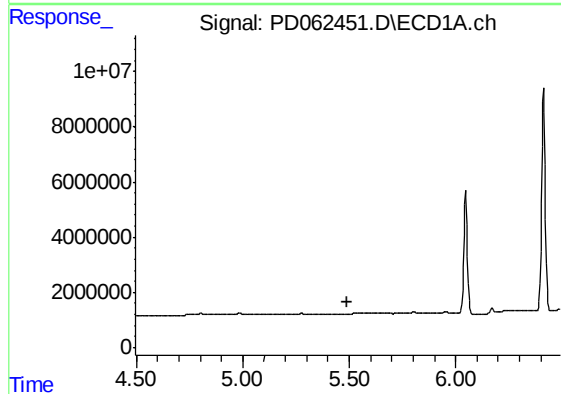
R.T.: 0.000 min
Exp R.T. : 4.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



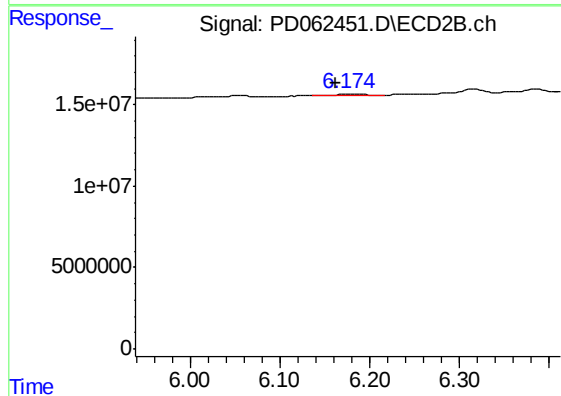
#23 Chlordane-1

R.T.: 4.961 min
Delta R.T.: -0.014 min
Response: 737466
Conc: 1.49 ng/ml



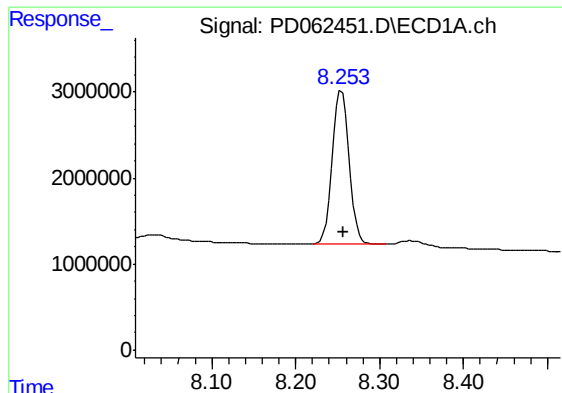
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.493 min
Response: 0
Conc: N.D.



#26 Chlordane-4

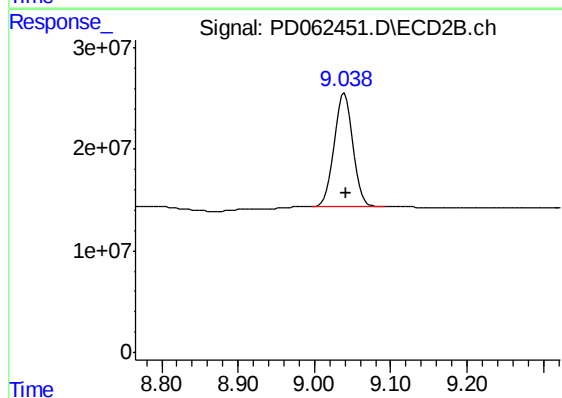
R.T.: 6.176 min
Delta R.T.: 0.015 min
Response: 2134590
Conc: 0.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 25168654
Conc: 20.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: -0.002 min
Response: 188652863
Conc: 22.23 ng/ml