

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042321\
 Data File : PD062296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2021 17:18
 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 23 23:26:07 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...	3.485	3.982	16384484	211.6E6	20.116	20.094
28)	SA Decachlor...	8.257	9.042	24994274	168.9E6	20.605	19.909
Target Compounds							
2)	A alpha-BHC	3.924	4.370	11637913	157.5E6	9.086	9.317
3)	MA gamma-BHC...	4.209	4.655	11579001	155.8E6	9.409	9.918
6)	B beta-BHC	4.460	4.824	6042324	64845840	10.036	9.693
8)	B Heptachlo...	0.000	5.861	0	19734812	N.D.	1.437 #
9)	A Endosulfan I	0.000	6.216	0	195763	N.D.	0.015 #
11)	B alpha-Chl...	0.000	6.174	0	5580393	N.D.	0.406 #
12)	B 4,4'-DDE	0.000	6.318	0	1567433	N.D.	0.111 #
13)	MA Dieldrin	0.000	6.470	0	5659743	N.D.	0.402 #
14)	MA Endrin	6.050	6.685	55889939	571.7E6	48.225	46.860
15)	B Endosulfa...	0.000	6.897	0	9183431	N.D.	0.798 #
16)	A 4,4'-DDD	0.000	6.809	0	7032152	N.D.	0.631 #
17)	MA 4,4'-DDT	6.416	7.105	105.5E6	937.1E6	103.339	93.971
18)	B Endrin al...	0.000	7.018	0	813456	N.D.	0.086 #
20)	A Methoxychlor	6.961	7.564	142.9E6	1126.3E6	240.460	230.542
21)	B Endrin ke...	0.000	7.712	0	7955545	N.D.	0.793 #
26)	Chlordane-4	0.000	6.174	0	5580393	N.D.	2.451 #
27)	Chlordane-5	0.000	6.964	0	454709	N.D.	1.105 #

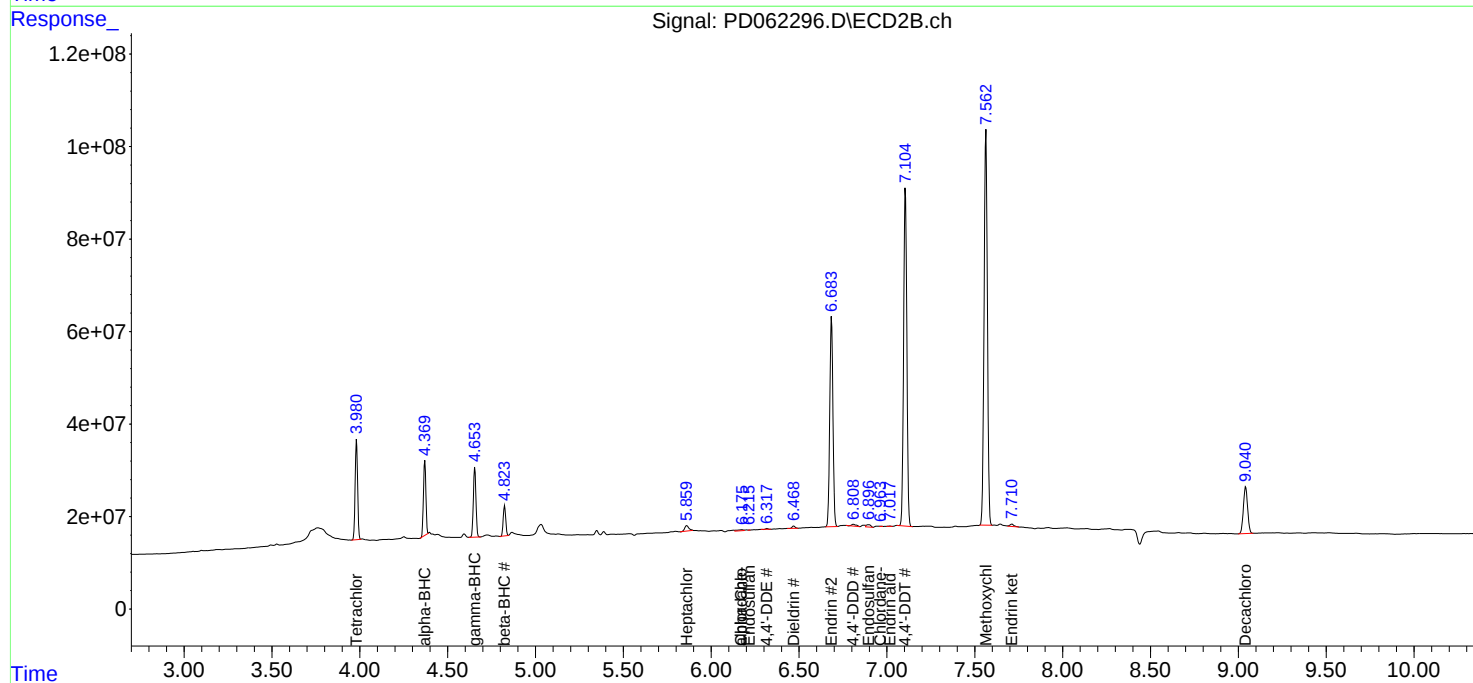
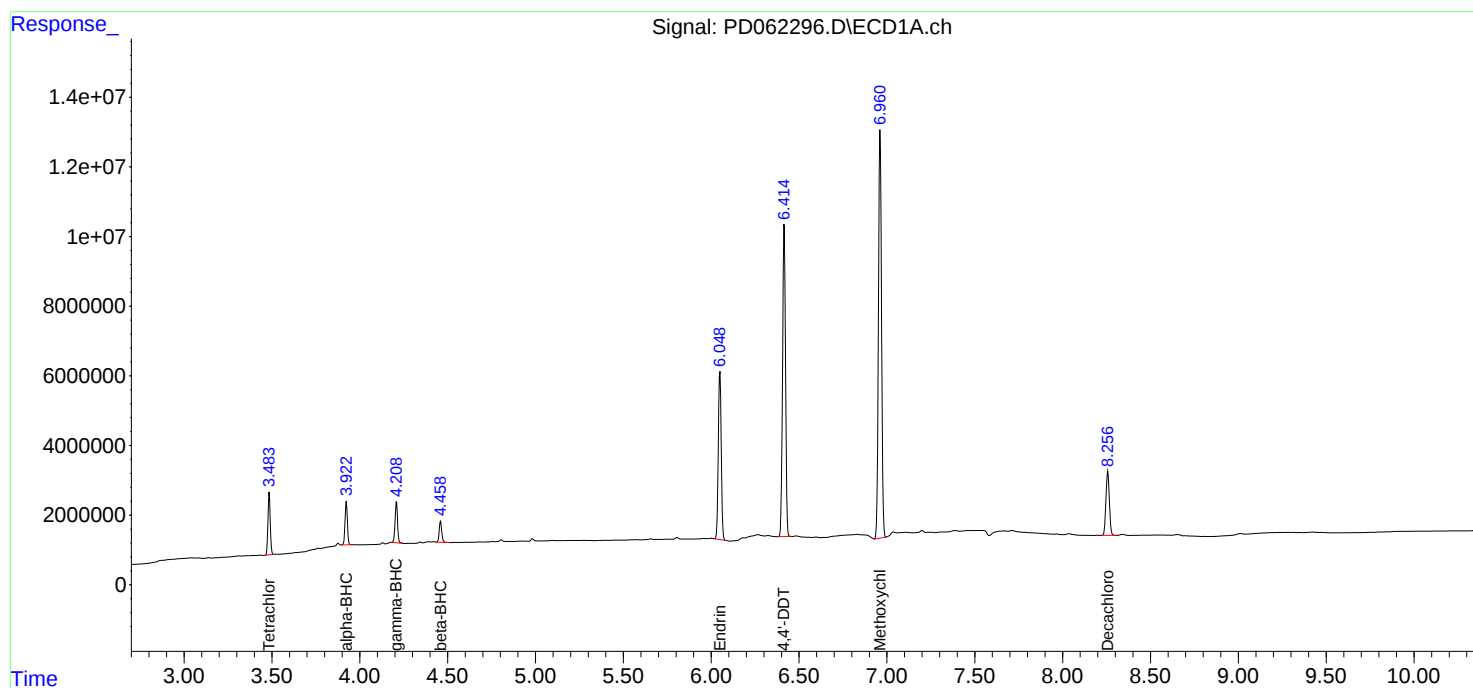
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

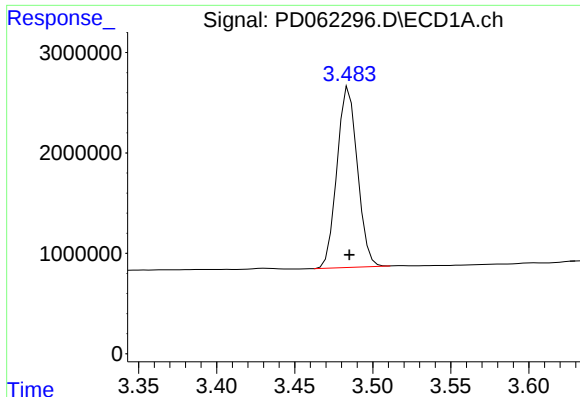
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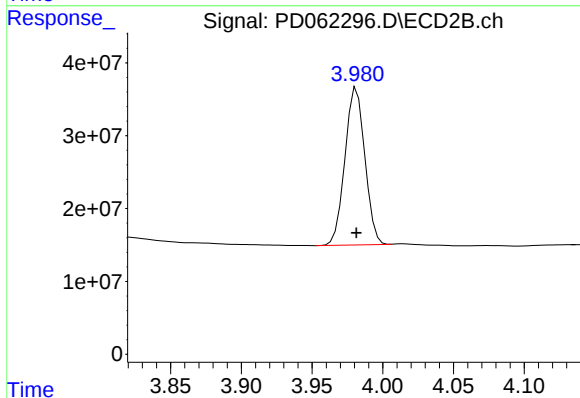




#1 Tetrachloro-m-xylene

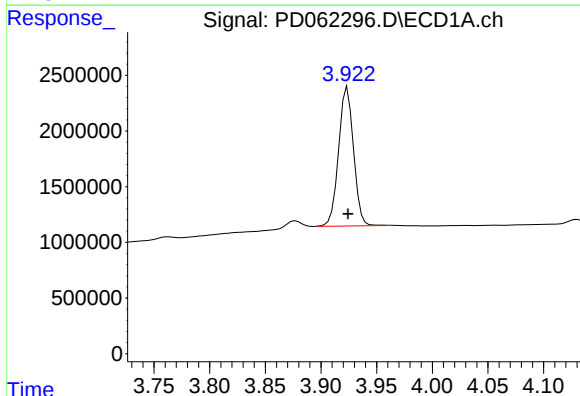
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 16384484
Conc: 20.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



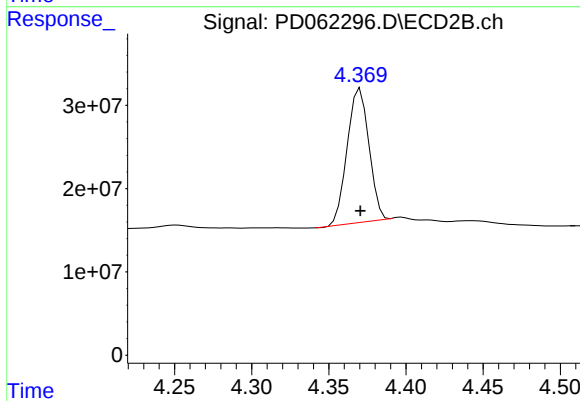
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 211611913
Conc: 20.09 ng/ml



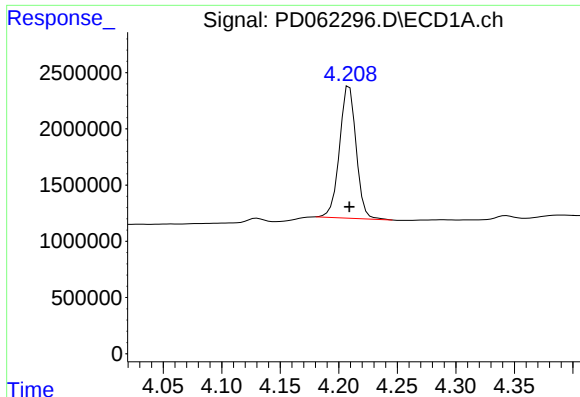
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 11637913
Conc: 9.09 ng/ml



#2 alpha-BHC

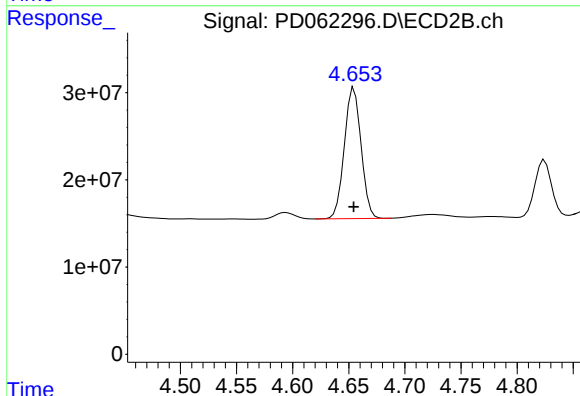
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 157459674
Conc: 9.32 ng/ml



#3 gamma-BHC (Lindane)

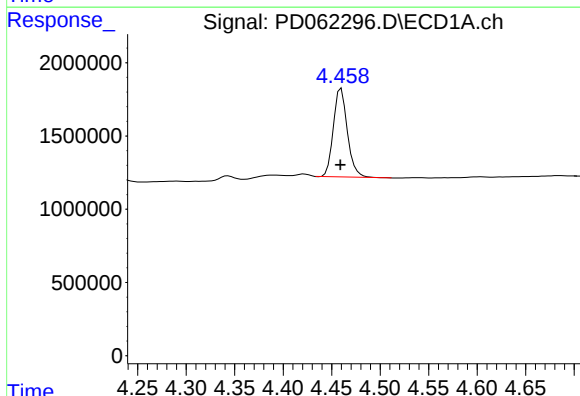
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 11579001
Conc: 9.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



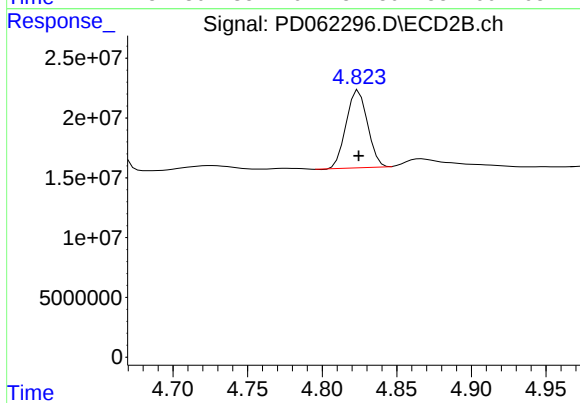
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 155770380
Conc: 9.92 ng/ml



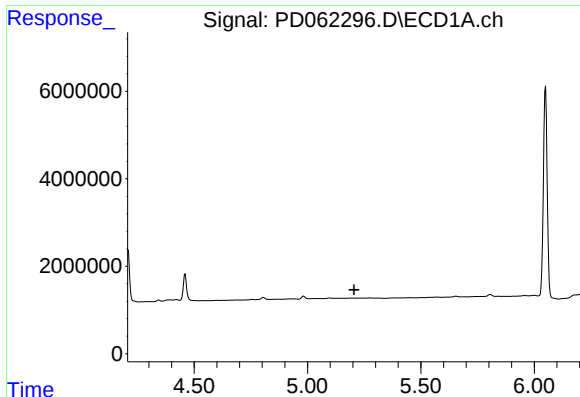
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 6042324
Conc: 10.04 ng/ml



#6 beta-BHC

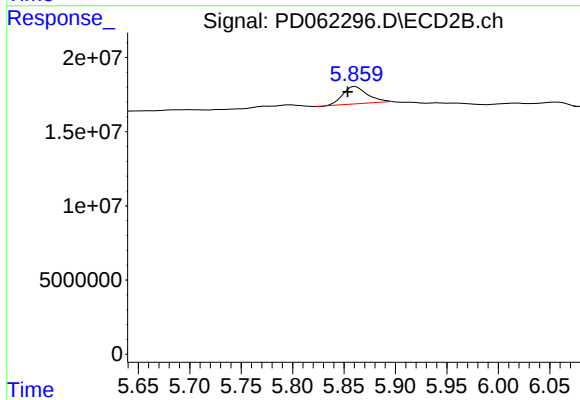
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 64845840
Conc: 9.69 ng/ml



#8 Heptachlor epoxide

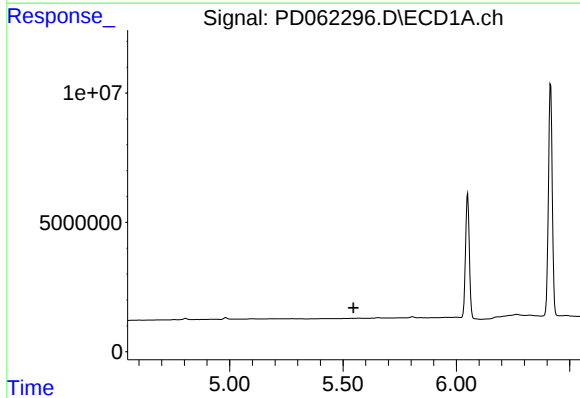
R.T.: 0.000 min
Exp R.T.: 5.206 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



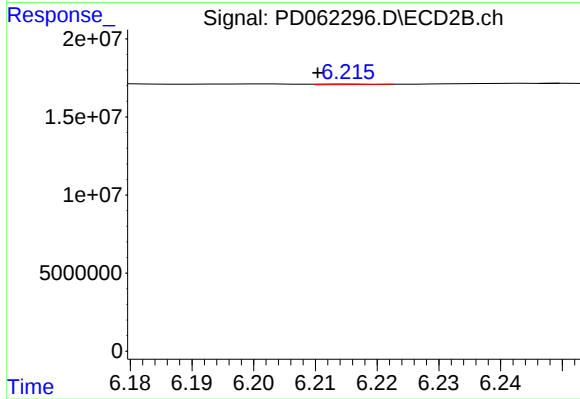
#8 Heptachlor epoxide

R.T.: 5.861 min
Delta R.T.: 0.007 min
Response: 19734812
Conc: 1.44 ng/ml



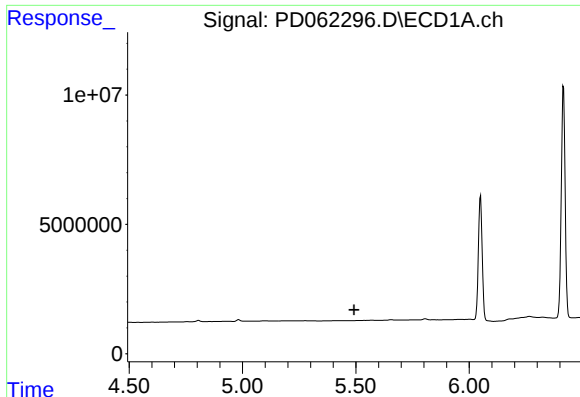
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.547 min
Response: 0
Conc: N.D.



#9 Endosulfan I

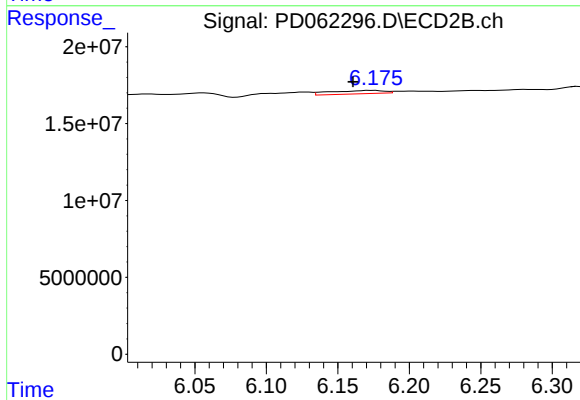
R.T.: 6.216 min
Delta R.T.: 0.006 min
Response: 195763
Conc: 0.01 ng/ml



#11 alpha-Chlordane

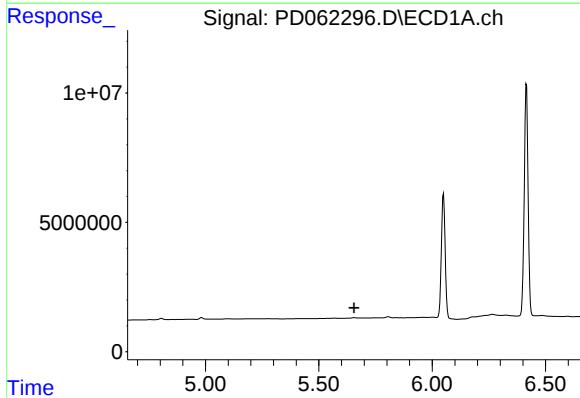
R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



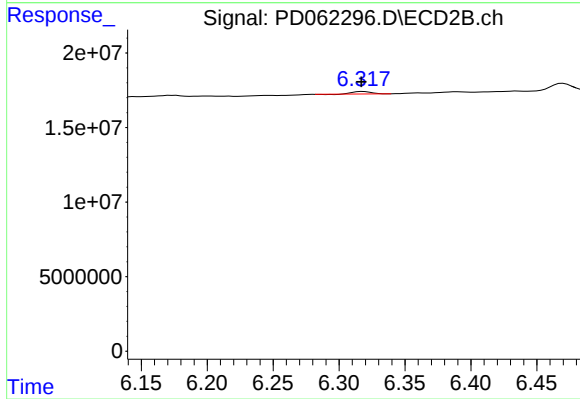
#11 alpha-Chlordane

R.T.: 6.174 min
Delta R.T.: 0.013 min
Response: 5580393
Conc: 0.41 ng/ml



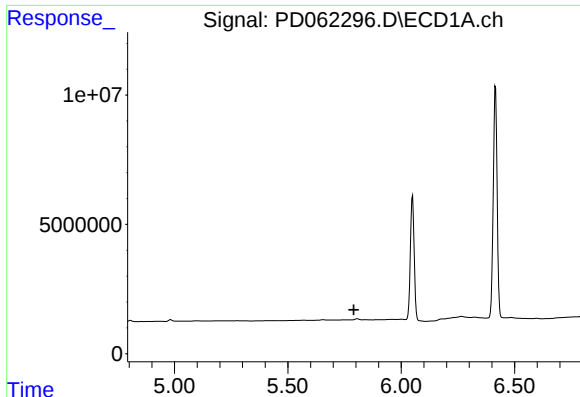
#12 4,4'-DDE

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



#12 4,4'-DDE

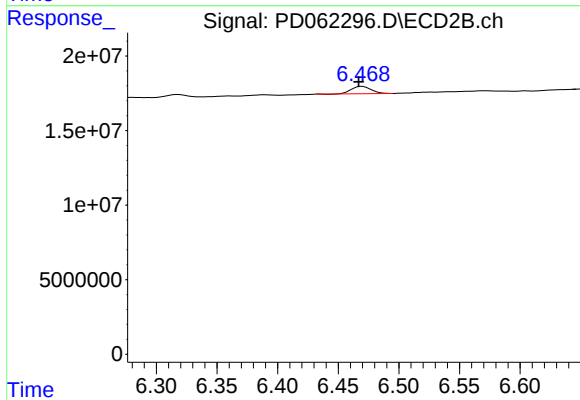
R.T.: 6.318 min
Delta R.T.: 0.001 min
Response: 1567433
Conc: 0.11 ng/ml



#13 Dieldrin

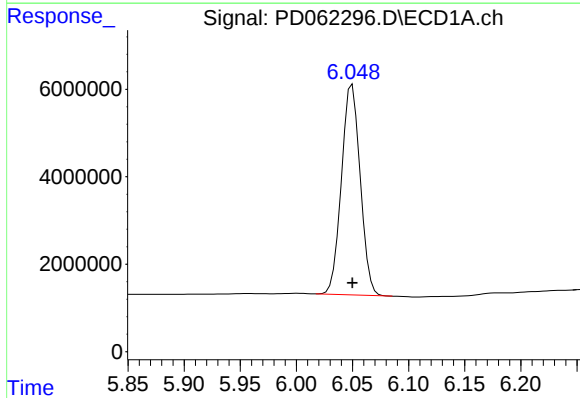
R.T.: 0.000 min
Exp R.T.: 5.791 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



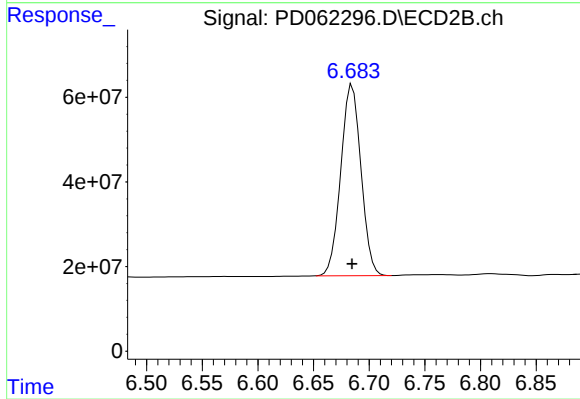
#13 Dieldrin

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 5659743
Conc: 0.40 ng/ml



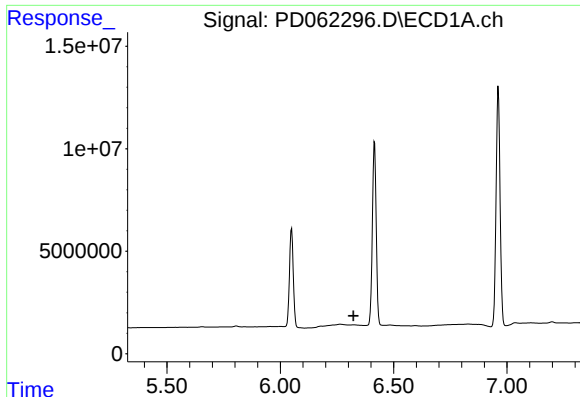
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 55889939
Conc: 48.22 ng/ml



#14 Endrin

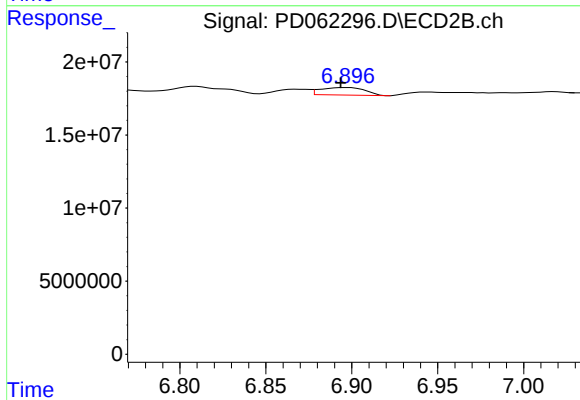
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 571669260
Conc: 46.86 ng/ml



#15 Endosulfan II

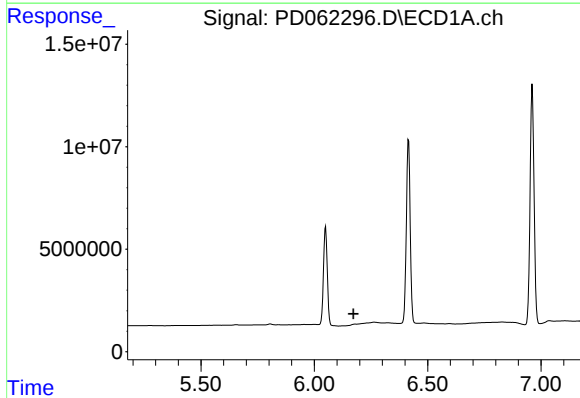
R.T.: 0.000 min
Exp R.T.: 6.323 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



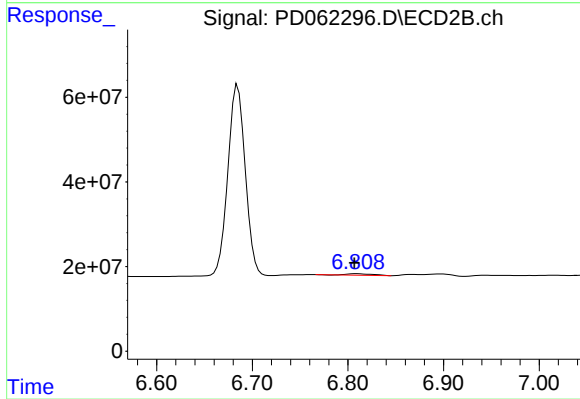
#15 Endosulfan II

R.T.: 6.897 min
Delta R.T.: 0.004 min
Response: 9183431
Conc: 0.80 ng/ml



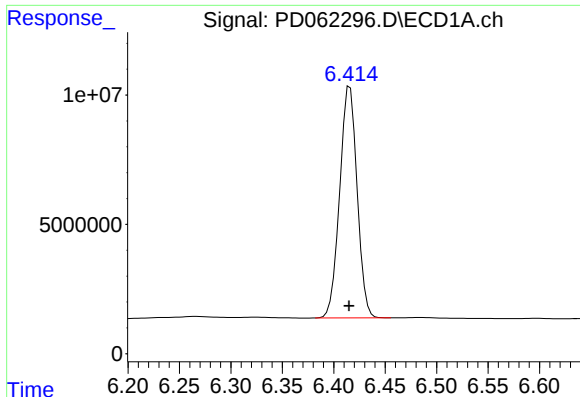
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.173 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

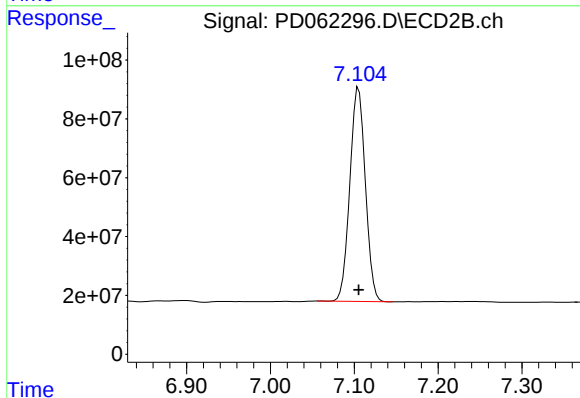
R.T.: 6.809 min
Delta R.T.: 0.002 min
Response: 7032152
Conc: 0.63 ng/ml



#17 4,4'-DDT

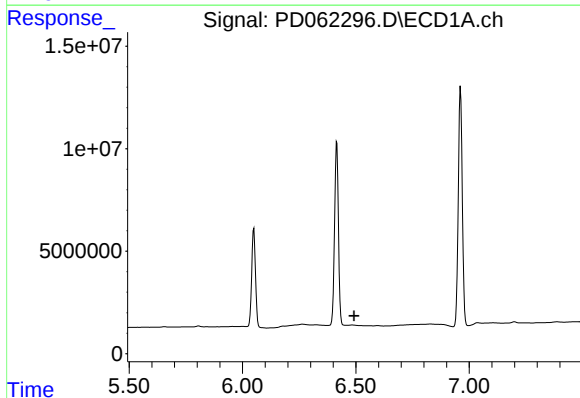
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 105527383
Conc: 103.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



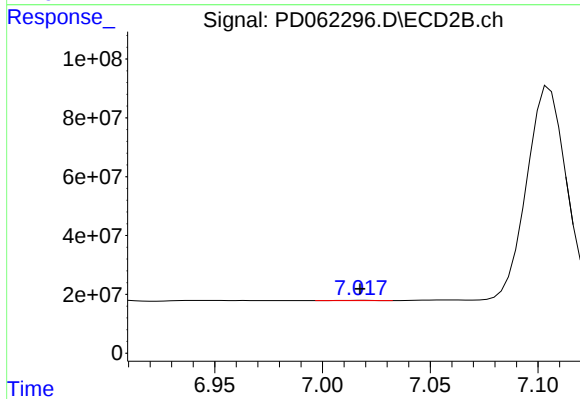
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 937098499
Conc: 93.97 ng/ml



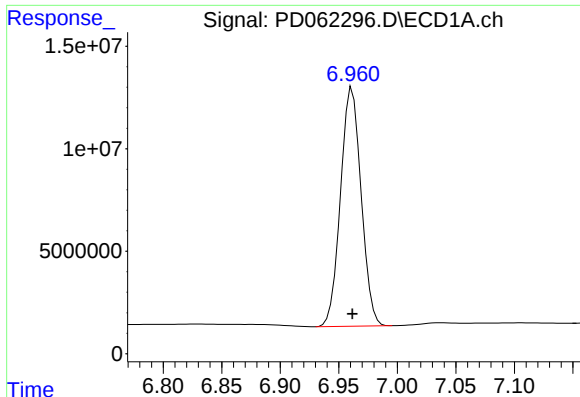
#18 Endrin aldehyde

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



#18 Endrin aldehyde

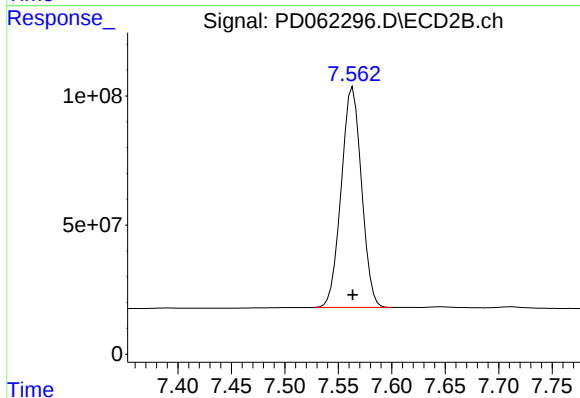
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 813456
Conc: 0.09 ng/ml



#20 Methoxychlor

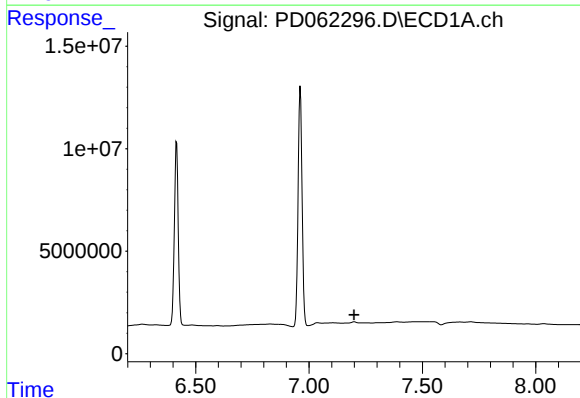
R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 142887858
Conc: 240.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



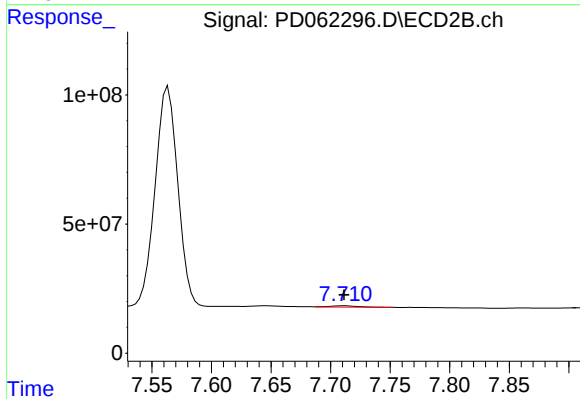
#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 1126348536
Conc: 230.54 ng/ml



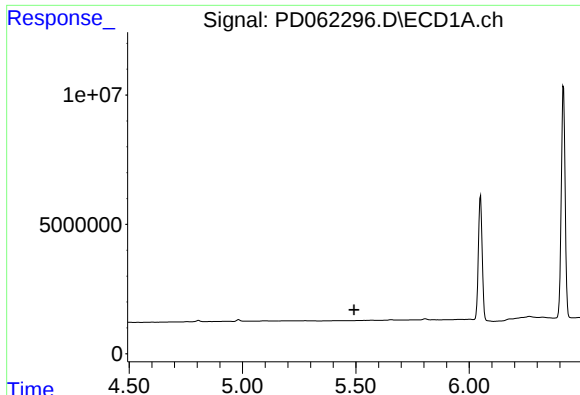
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.199 min
Response: 0
Conc: N.D.



#21 Endrin ketone

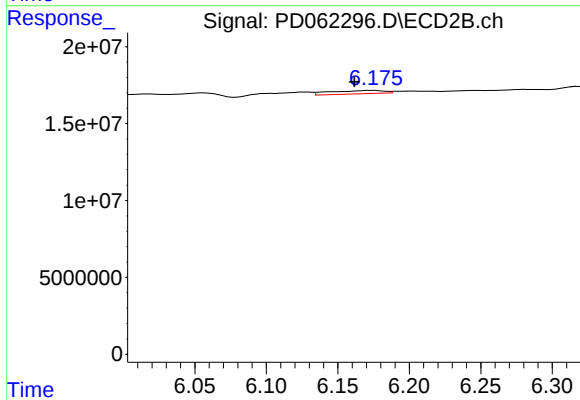
R.T.: 7.712 min
Delta R.T.: 0.000 min
Response: 7955545
Conc: 0.79 ng/ml



#26 Chlordane-4

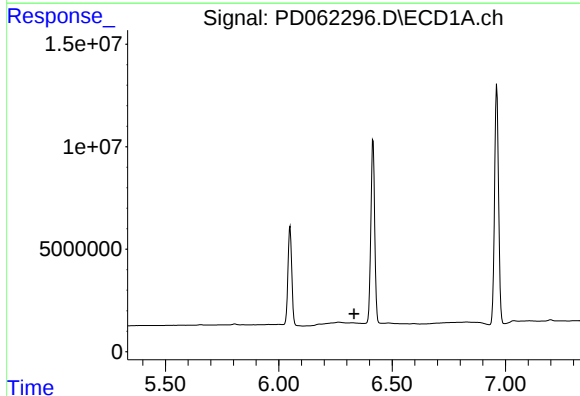
R.T.: 0.000 min
Exp R.T.: 5.493 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



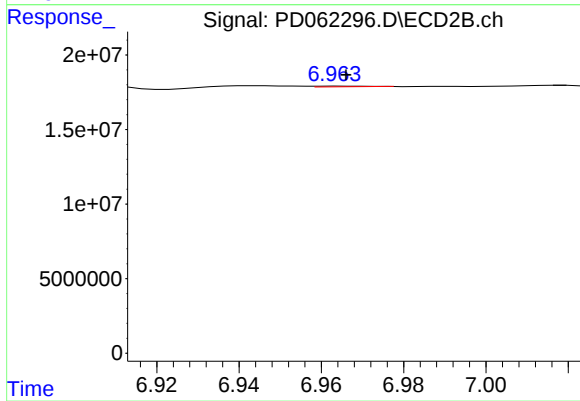
#26 Chlordane-4

R.T.: 6.174 min
Delta R.T.: 0.013 min
Response: 5580393
Conc: 2.45 ng/ml



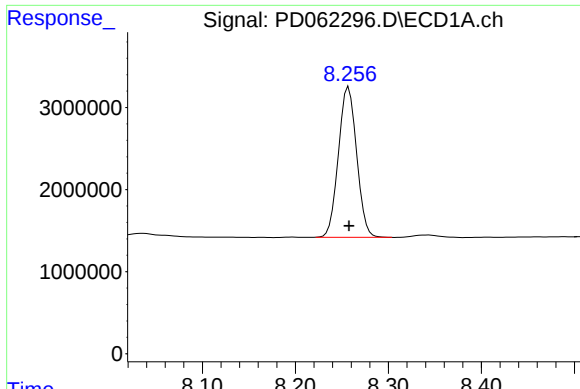
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.333 min
Response: 0
Conc: N.D.



#27 Chlordane-5

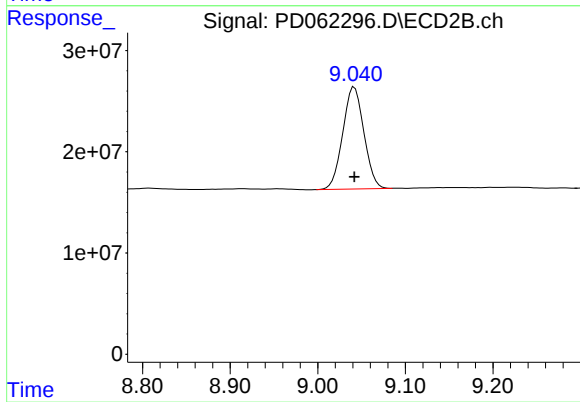
R.T.: 6.964 min
Delta R.T.: -0.002 min
Response: 454709
Conc: 1.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 24994274
Conc: 20.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.042 min
Delta R.T.: 0.000 min
Response: 168928739
Conc: 19.91 ng/ml