

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031325\
 Data File : PD087980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 20:44
 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: Mar 13 04:30:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031325.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 13 03:59:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.554	2.884	37135453	287.0E6	20.506	21.104
28)	SA Decachlor...	9.081	8.081	65448254	345.1E6	21.925	22.083
Target Compounds							
2)	A alpha-BHC	4.003	3.397	36590860	235.5E6	9.239	11.191
3)	MA gamma-BHC...	4.334	3.734	35340885	216.4E6	9.376	11.010
4)	MA Heptachlor	4.953f	0.000	115540	0	0.031	N.D. #
5)	MB Aldrin	0.000	4.369	0	5152271	N.D.	0.268 #
6)	B beta-BHC	4.519	4.030	16010918	102.9E6	10.594	11.885
7)	B delta-BHC	4.783f	4.263	5680165	2173223	1.448	0.111 #
8)	B Heptachlo...	5.687	4.887	1149782	384299	0.343	0.022 #
9)	A Endosulfan I	6.088	5.227f	326848	3460543	0.103	0.207 #
10)	B gamma-Chl...	5.951	5.124	1011651	2417569	0.299	0.129 #
11)	B alpha-Chl...	6.046	0.000	459178	0	0.136	N.D. #
12)	B 4,4'-DDE	6.207	5.384	188893	947482	0.062	0.053
13)	MA Dieldrin	0.000	5.518	0	287237	N.D.	0.016 #
14)	MA Endrin	6.581	5.796	130.0E6	769.0E6	46.647	45.892
15)	B Endosulfa...	6.777	6.094	609768	2000696	0.212	0.124 #
16)	A 4,4'-DDD	6.710	5.938	1734423	9708045	0.738	0.651
17)	MA 4,4'-DDT	7.027	6.190	261.5E6	1462.3E6	100.296	94.579
18)	B Endrin al...	6.921	6.265	3328314	26984251	1.505	2.143 #
19)	B Endosulfa...	0.000	6.494	0	228487	N.D.	0.014 #
20)	A Methoxychlor	7.499	6.762	342.1E6	1672.3E6	242.805	202.326
21)	B Endrin ke...	7.635	6.998	5095878	44618531	1.775	2.622 #
22)	Mirex	0.000	7.212f	0	4471838	N.D.	0.327 #
23)	Chlordane-1	0.000	3.901	0	512761	N.D.	0.809 #
24)	Chlordane-2	0.000	4.492	0	6342024	N.D.	9.364 #
25)	Chlordane-3	5.951	5.124	1011651	2417569	1.948	1.244 #
26)	Chlordane-4	6.046	5.227f	459178	3460543	0.727	2.150 #
27)	Chlordane-5	0.000	6.094	0	2000696	N.D.	2.620 #

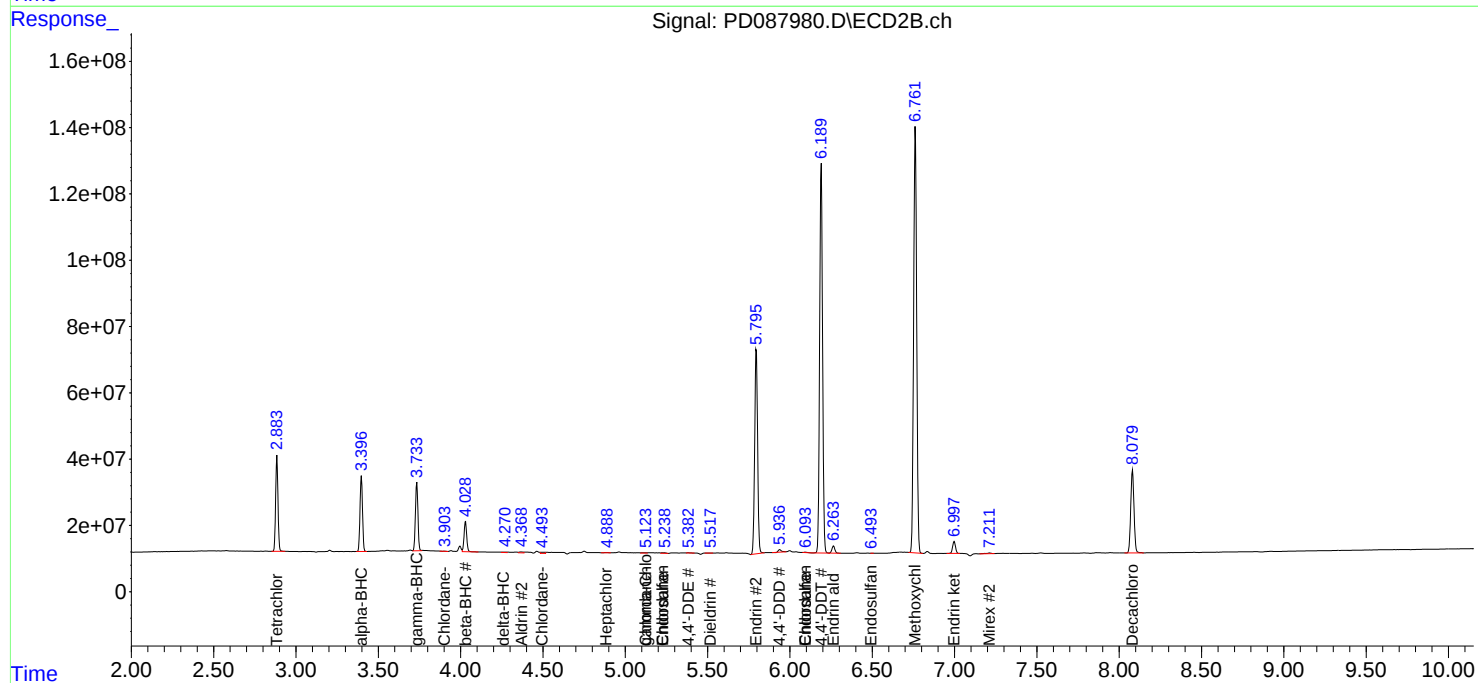
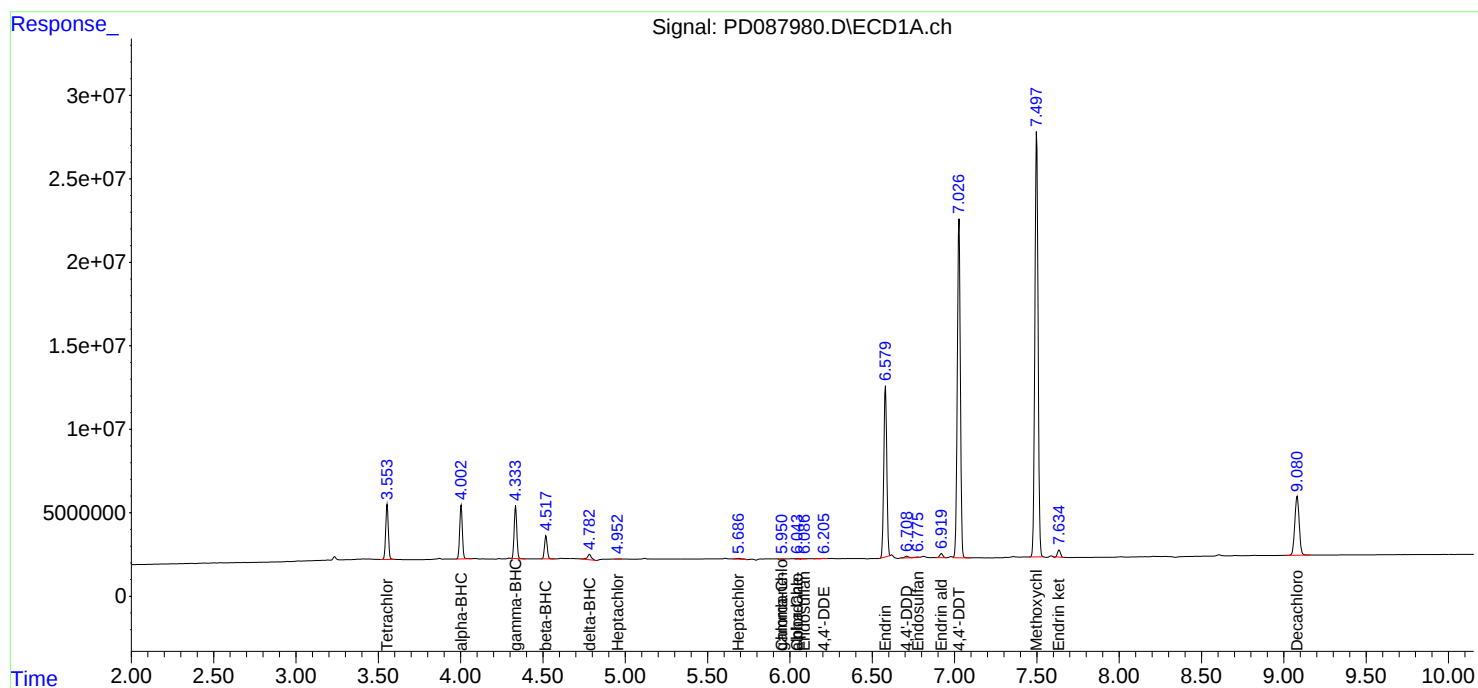
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

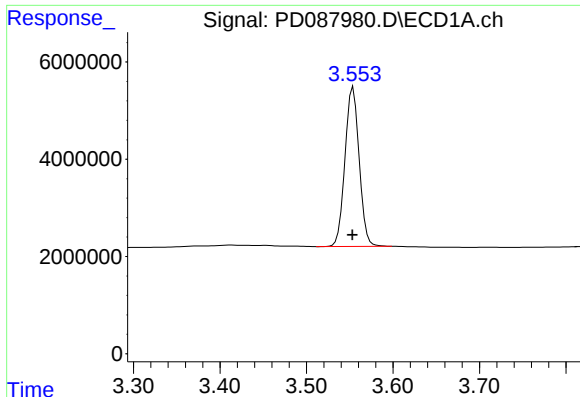
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031325\
Data File : PD087980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 20:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 04:30:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031325.M
Quant Title : GC Extractables
QLast Update : Thu Mar 13 03:59:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

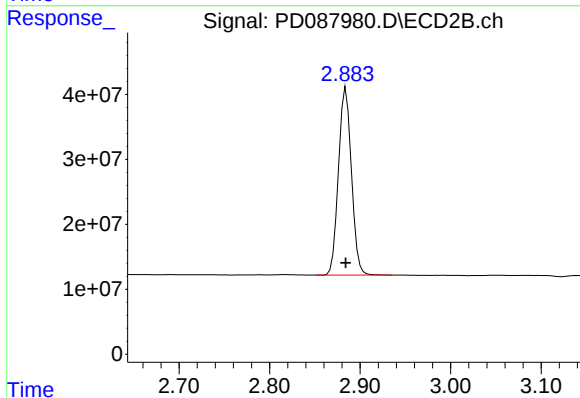




#1 Tetrachloro-m-xylene

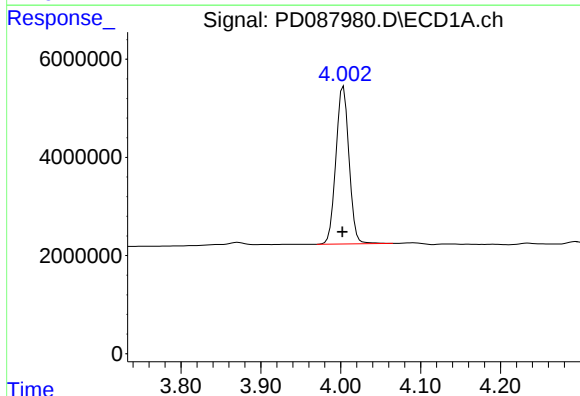
R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 37135453
Conc: 20.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



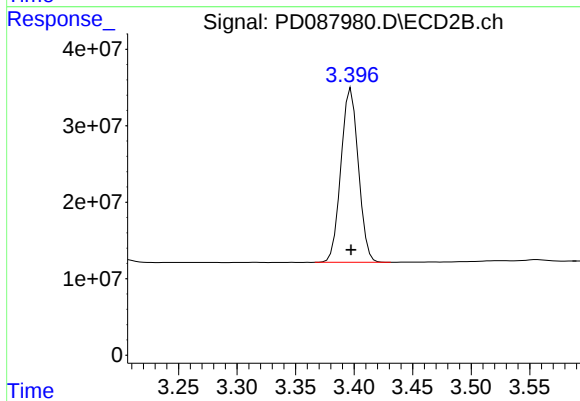
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 286990803
Conc: 21.10 ng/ml



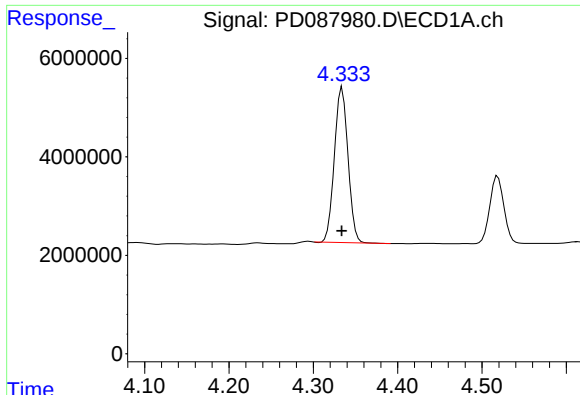
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 36590860
Conc: 9.24 ng/ml



#2 alpha-BHC

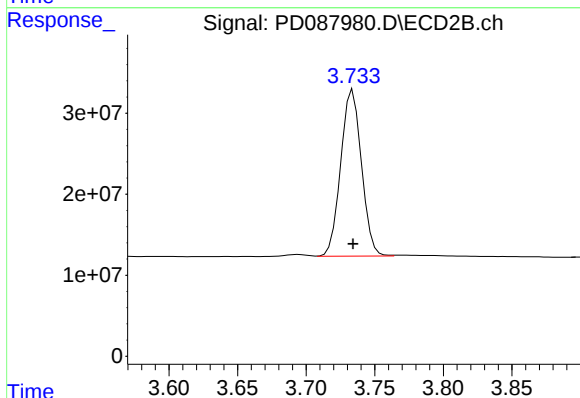
R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 235548789
Conc: 11.19 ng/ml



#3 gamma-BHC (Lindane)

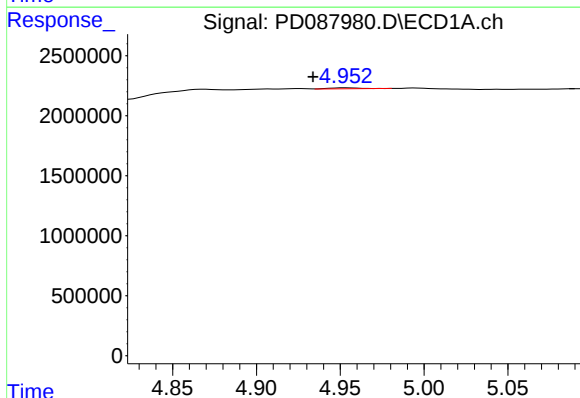
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 35340885
Conc: 9.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



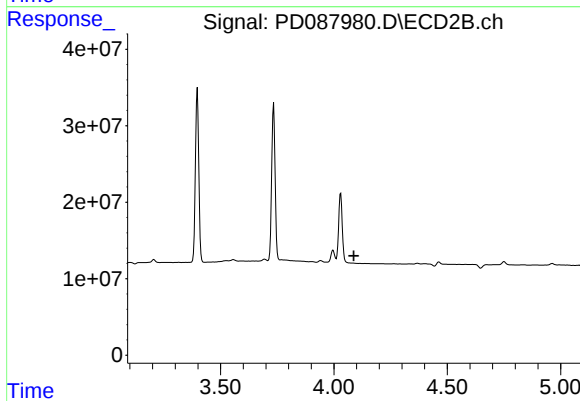
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 216368104
Conc: 11.01 ng/ml



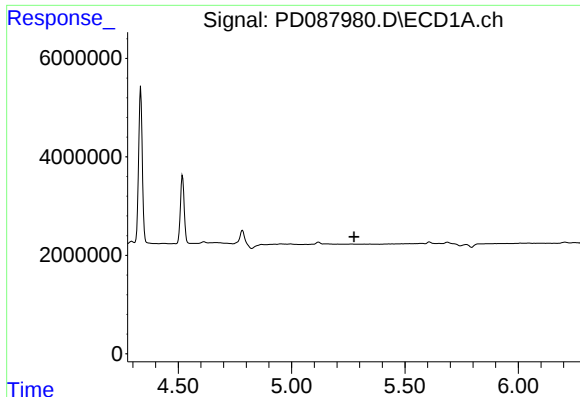
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.020 min
Response: 115540
Conc: 0.03 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.088 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.276 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

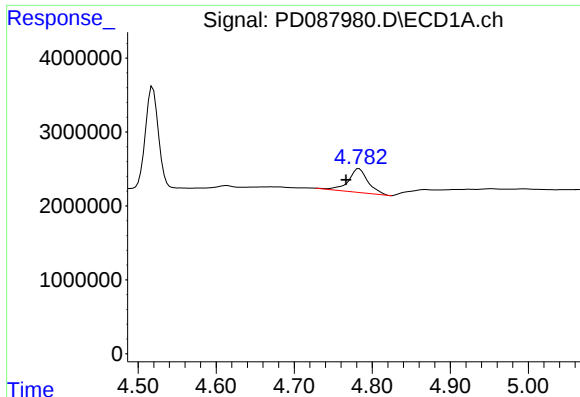
R.T.: 4.369 min
Delta R.T.: -0.005 min
Response: 5152271
Conc: 0.27 ng/ml

#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 16010918
Conc: 10.59 ng/ml

#6 beta-BHC

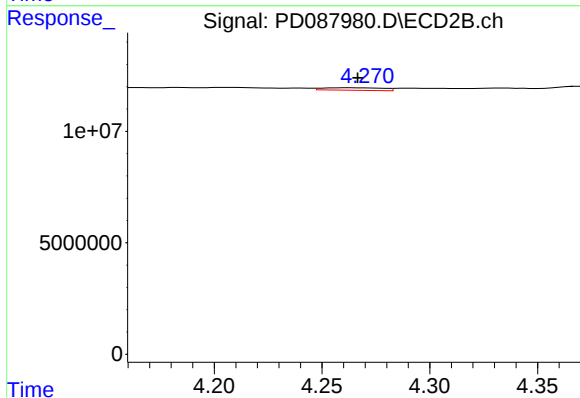
R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 102874097
Conc: 11.88 ng/ml



#7 delta-BHC

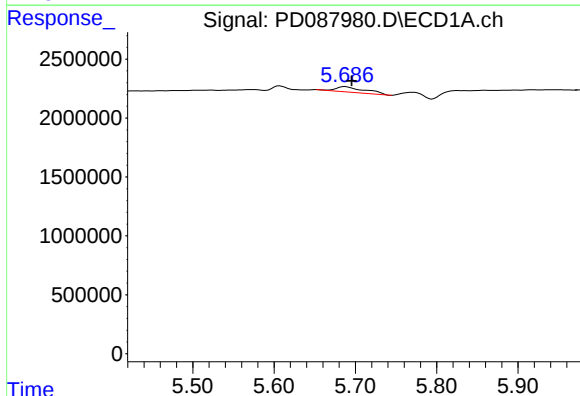
R.T.: 4.783 min
Delta R.T.: 0.016 min
Response: 5680165
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



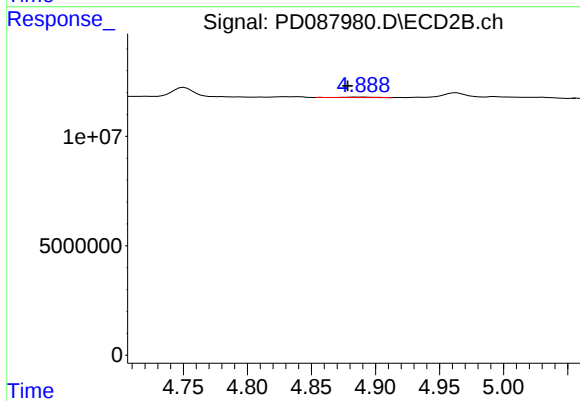
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.004 min
Response: 2173223
Conc: 0.11 ng/ml



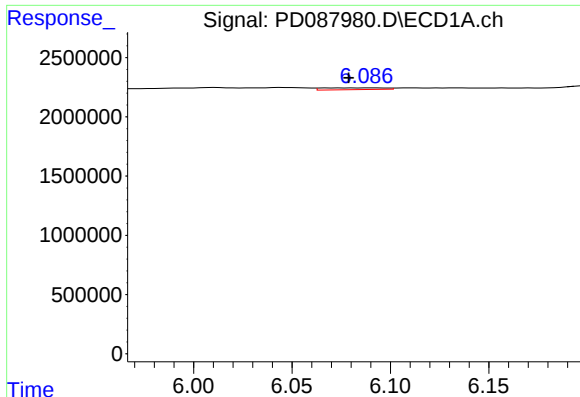
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.008 min
Response: 1149782
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

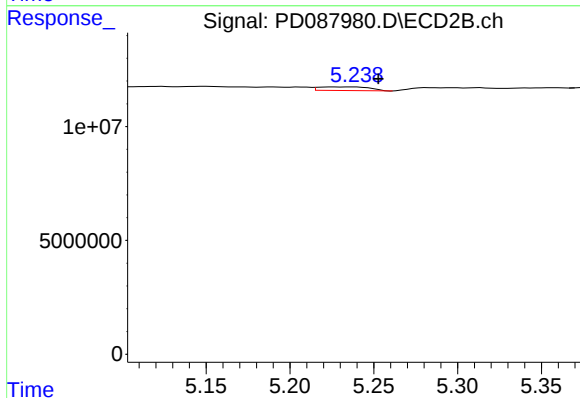
R.T.: 4.887 min
Delta R.T.: 0.009 min
Response: 384299
Conc: 0.02 ng/ml



#9 Endosulfan I

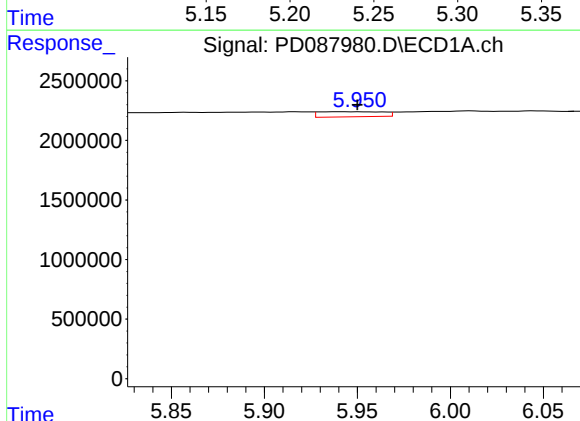
R.T.: 6.088 min
Delta R.T.: 0.010 min
Response: 326848
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



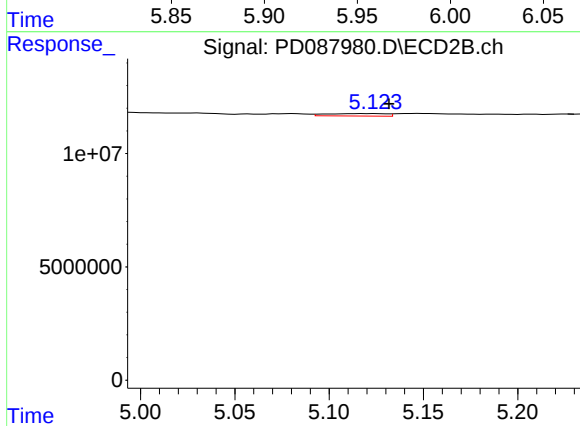
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.026 min
Response: 3460543
Conc: 0.21 ng/ml



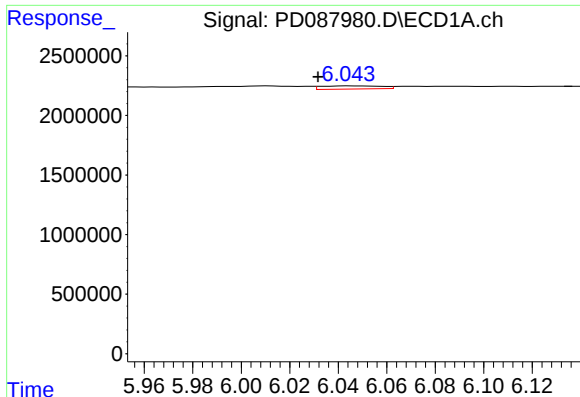
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 1011651
Conc: 0.30 ng/ml



#10 gamma-Chlordane

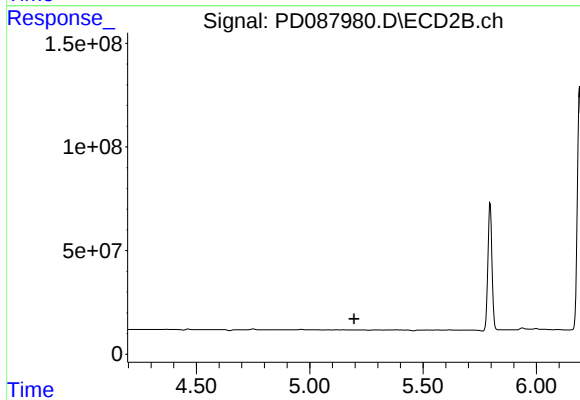
R.T.: 5.124 min
Delta R.T.: -0.007 min
Response: 2417569
Conc: 0.13 ng/ml



#11 alpha-Chlordane

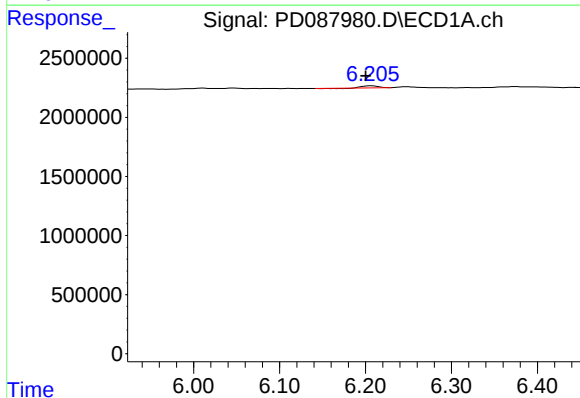
R.T.: 6.046 min
Delta R.T.: 0.014 min
Response: 459178
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



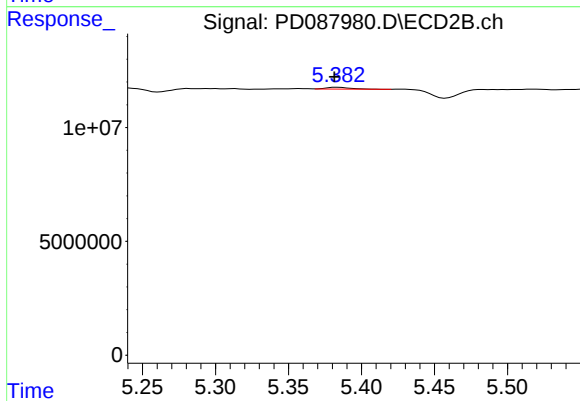
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.196 min
Response: 0
Conc: N.D.



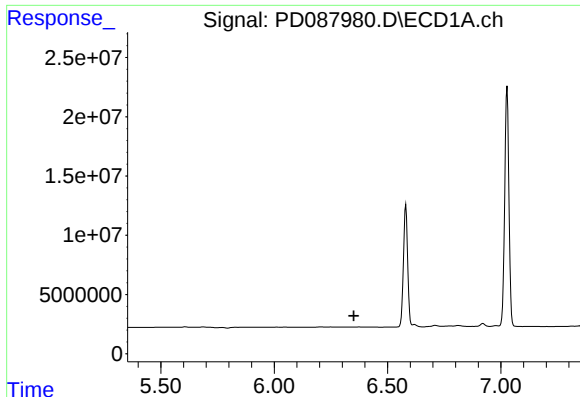
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.007 min
Response: 188893
Conc: 0.06 ng/ml



#12 4,4'-DDE

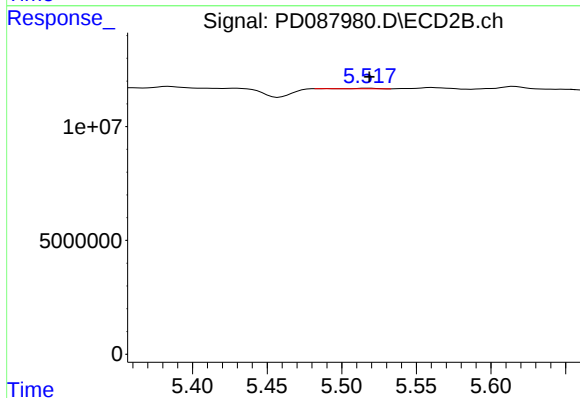
R.T.: 5.384 min
Delta R.T.: 0.002 min
Response: 947482
Conc: 0.05 ng/ml



#13 Dieldrin

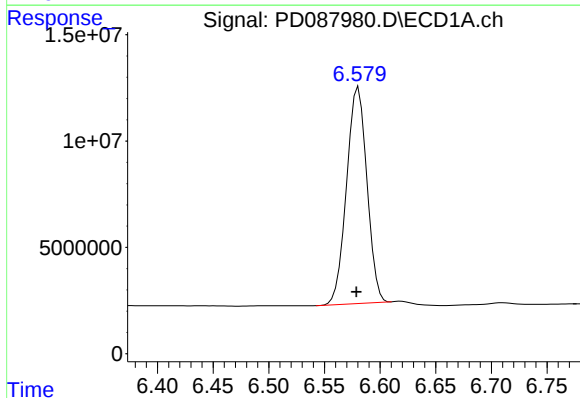
R.T.: 0.000 min
Exp R.T.: 6.351 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



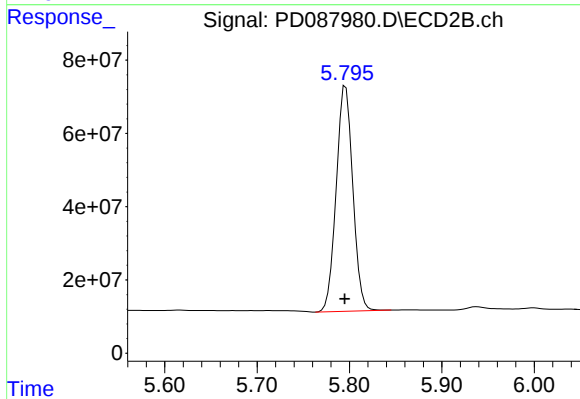
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 287237
Conc: 0.02 ng/ml



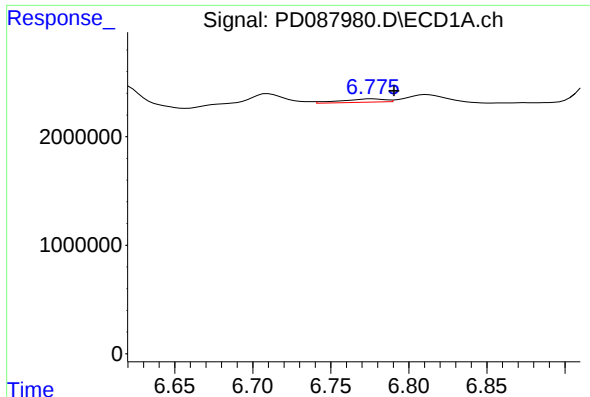
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 130045404
Conc: 46.65 ng/ml



#14 Endrin

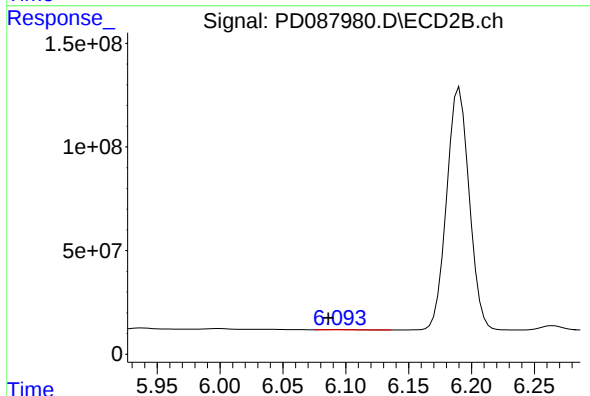
R.T.: 5.796 min
Delta R.T.: 0.001 min
Response: 768955076
Conc: 45.89 ng/ml



#15 Endosulfan II

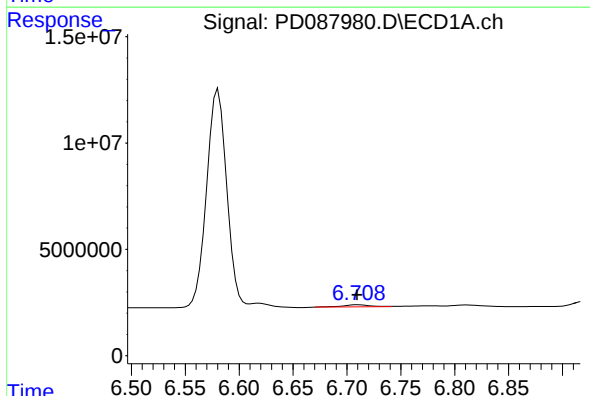
R.T.: 6.777 min
Delta R.T.: -0.014 min
Response: 609768
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



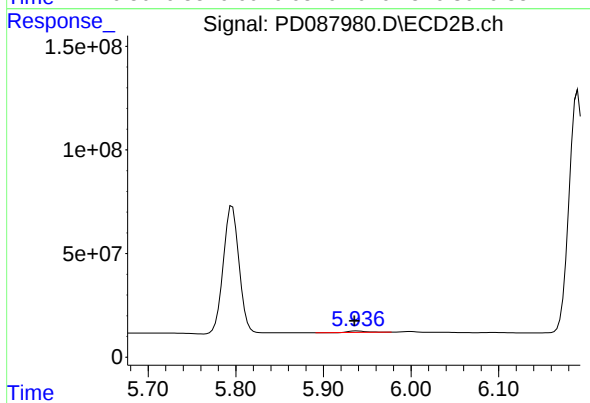
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: 0.008 min
Response: 2000696
Conc: 0.12 ng/ml



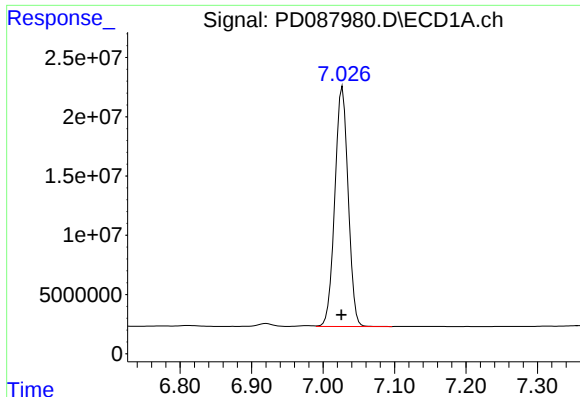
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 1734423
Conc: 0.74 ng/ml



#16 4,4'-DDD

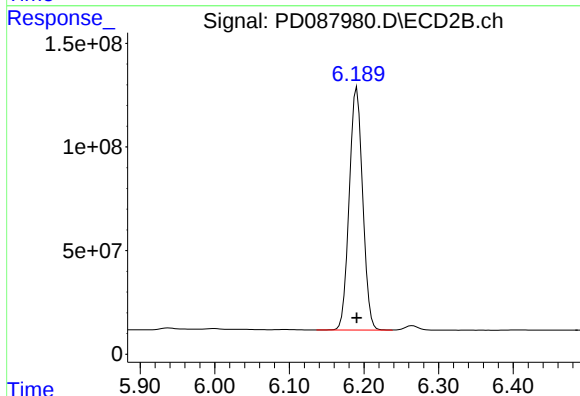
R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 9708045
Conc: 0.65 ng/ml



#17 4,4'-DDT

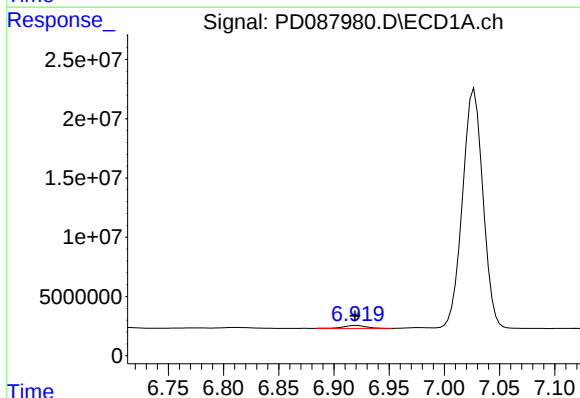
R.T.: 7.027 min
Delta R.T.: 0.001 min
Response: 261499549
Conc: 100.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



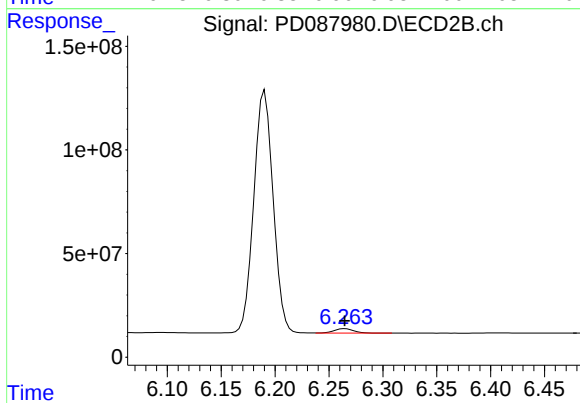
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 1462319951
Conc: 94.58 ng/ml



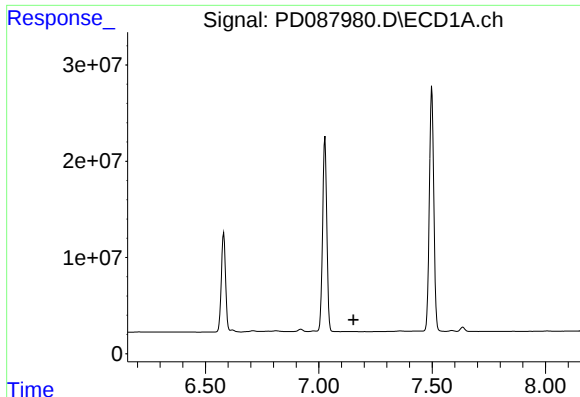
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.002 min
Response: 3328314
Conc: 1.50 ng/ml



#18 Endrin aldehyde

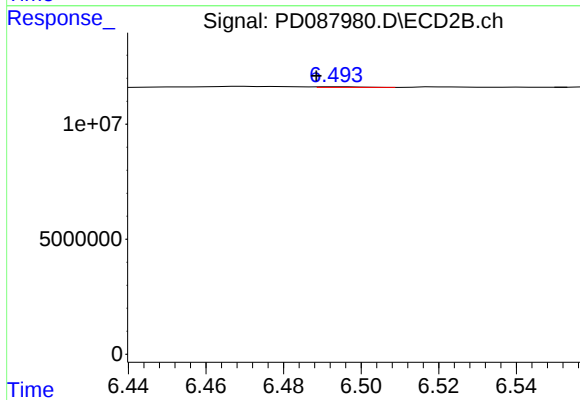
R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 26984251
Conc: 2.14 ng/ml



#19 Endosulfan Sulfate

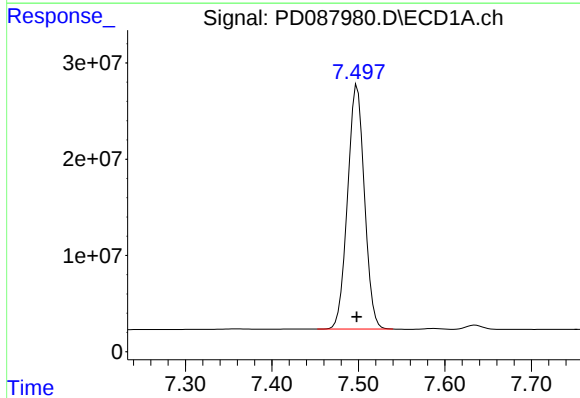
R.T.: 0.000 min
Exp R.T.: 7.153 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



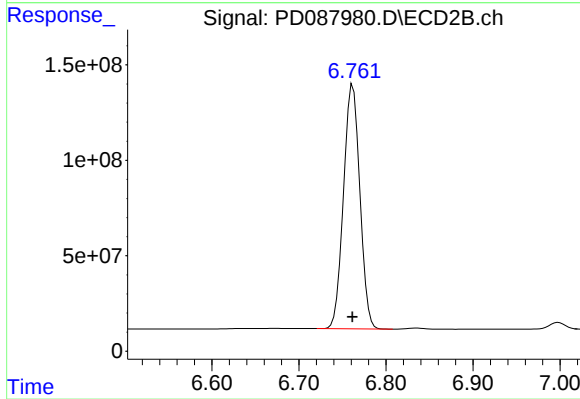
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: 0.006 min
Response: 228487
Conc: 0.01 ng/ml



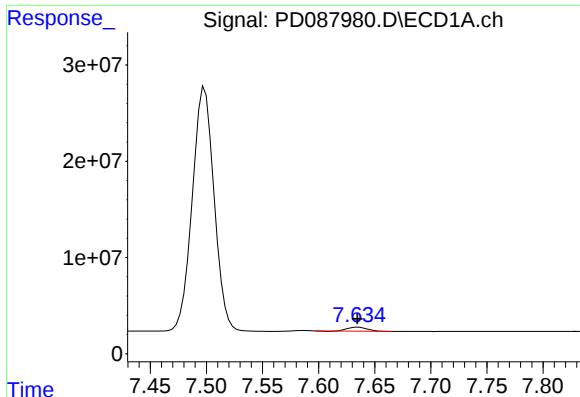
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 342128470
Conc: 242.81 ng/ml



#20 Methoxychlor

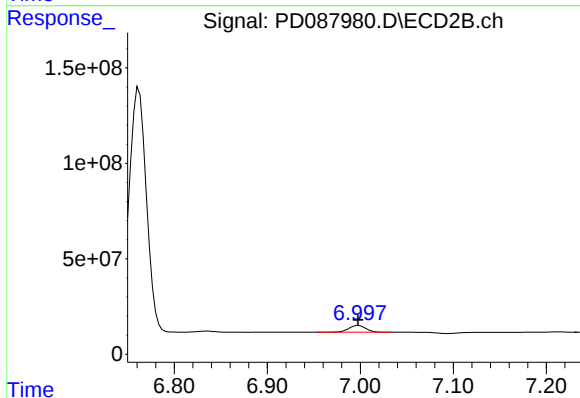
R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 1672283947
Conc: 202.33 ng/ml



#21 Endrin ketone

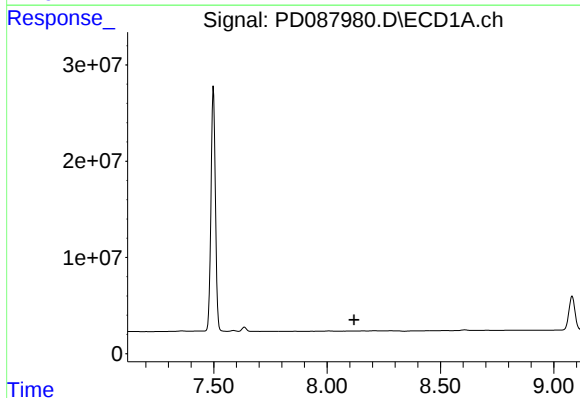
R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 5095878
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



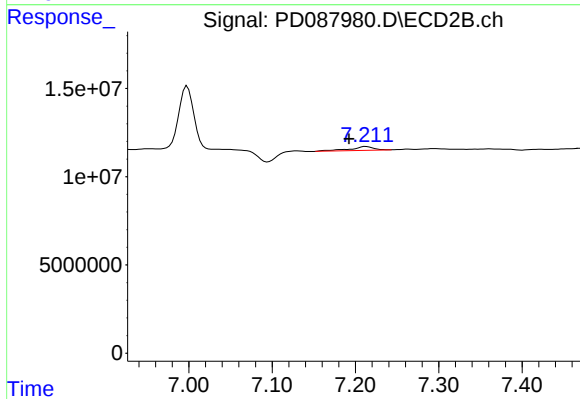
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 44618531
Conc: 2.62 ng/ml



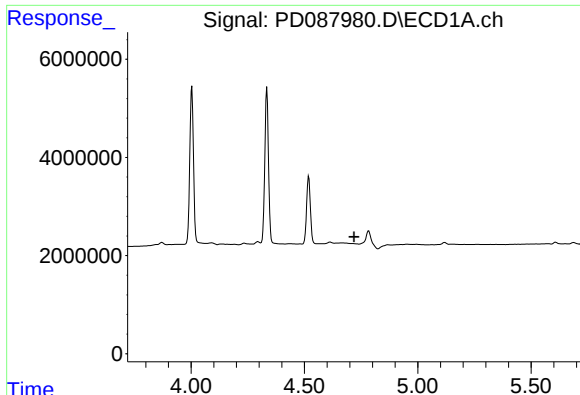
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.119 min
Response: 0
Conc: N.D.



#22 Mirex

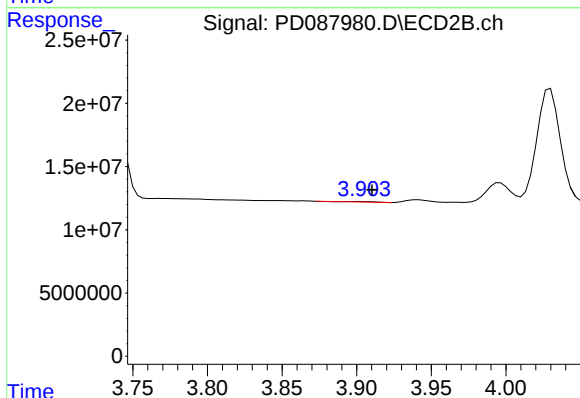
R.T.: 7.212 min
Delta R.T.: 0.020 min
Response: 4471838
Conc: 0.33 ng/ml



#23 Chlordane-1

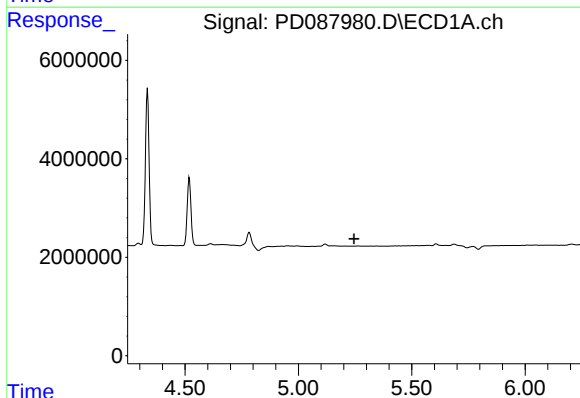
R.T.: 0.000 min
Exp R.T.: 4.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



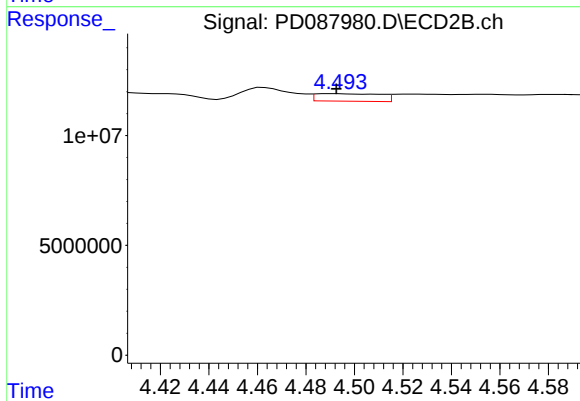
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.009 min
Response: 512761
Conc: 0.81 ng/ml



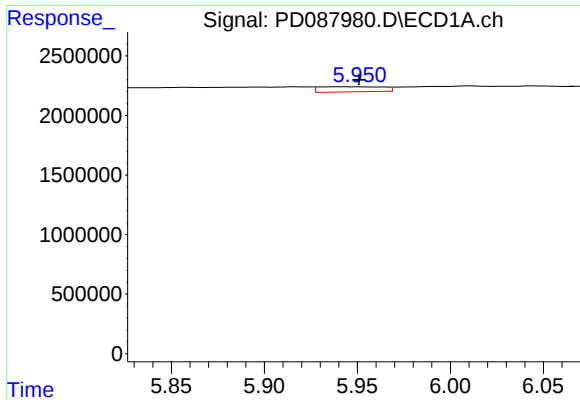
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.246 min
Response: 0
Conc: N.D.



#24 Chlordane-2

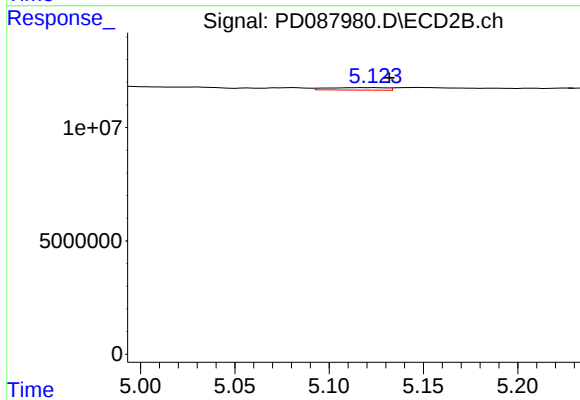
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 6342024
Conc: 9.36 ng/ml



#25 Chlordane-3

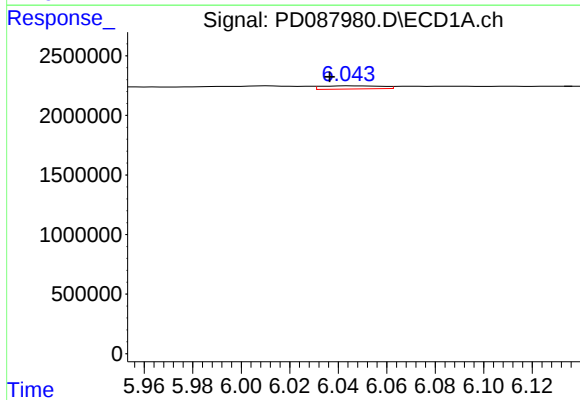
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 1011651
Conc: 1.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



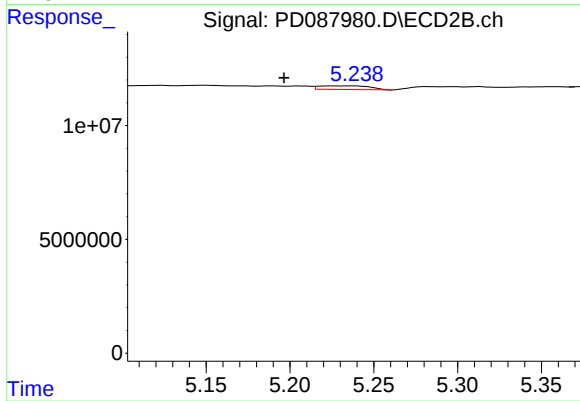
#25 Chlordane-3

R.T.: 5.124 min
Delta R.T.: -0.008 min
Response: 2417569
Conc: 1.24 ng/ml



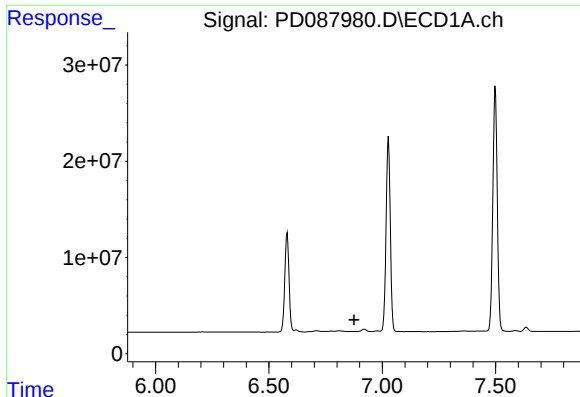
#26 Chlordane-4

R.T.: 6.046 min
Delta R.T.: 0.009 min
Response: 459178
Conc: 0.73 ng/ml



#26 Chlordane-4

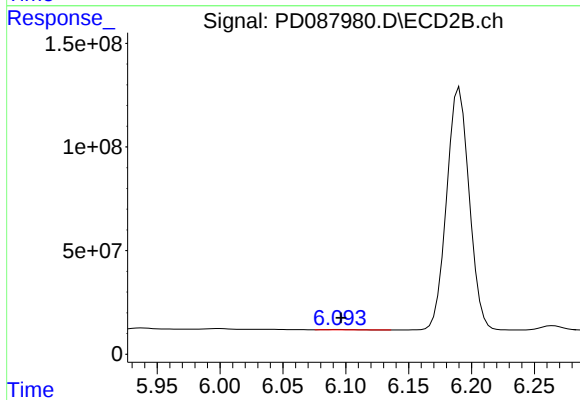
R.T.: 5.227 min
Delta R.T.: 0.030 min
Response: 3460543
Conc: 2.15 ng/ml



#27 Chlordane-5

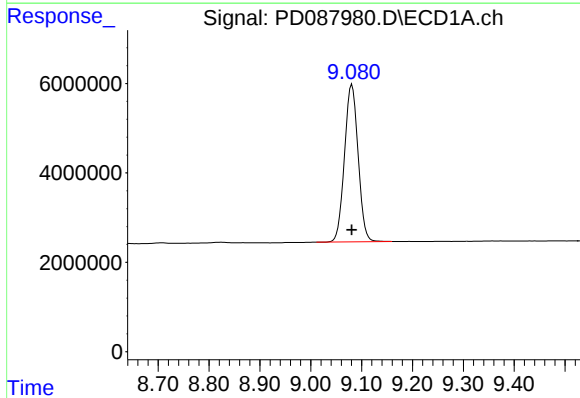
R.T.: 0.000 min
Exp R.T.: 6.875 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



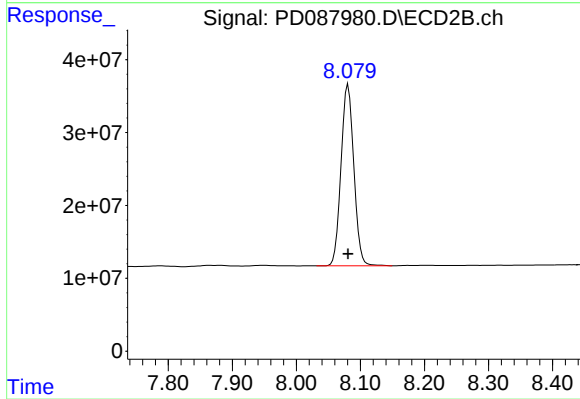
#27 Chlordane-5

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 2000696
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.000 min
Response: 65448254
Conc: 21.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 345061200
Conc: 22.08 ng/ml