

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051721\
 Data File : PD062983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2021 10:09
 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: May 17 15:18:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051721.M
 Quant Title : GC Extractables
 QLast Update : Mon May 17 15:12:11 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...	3.439	3.970	20170399	221.1E6	18.311	19.084
2)	SA Decachlor...	8.195	9.024	23119481	205.9E6	18.370	20.178
Target Compounds							
2)	A alpha-BHC	3.875	4.358	14664646	174.7E6	8.458	9.071
3)	MA gamma-BHC...	4.158	4.642	14108270	152.3E6	8.677	8.826
5)	MB Aldrin	0.000	5.457	0	2107653	N.D.	0.126 #
6)	B beta-BHC	4.409	4.813	9906265	68239943	6.103	9.200 #
8)	B Heptachlo...	0.000	5.848	0	21674645	N.D.	1.417 #
9)	A Endosulfan I	0.000	6.196	0	1332403	N.D.	0.094 #
10)	B gamma-Chl...	0.000	6.089	0	2249763	N.D.	0.144 #
11)	B alpha-Chl...	0.000	6.160	0	3715028	N.D.	0.251 #
12)	B 4,4'-DDE	0.000	6.305	0	2186633	N.D.	0.145 #
13)	MA Dieldrin	0.000	6.458	0	6218105	N.D.	0.410 #
14)	MA Endrin	5.990	6.671	60052002	579.3E6	44.899	45.403
15)	B Endosulfa...	0.000	6.892	0	2542083	N.D.	0.212 #
16)	A 4,4'-DDD	0.000	6.795	0	10253318	N.D.	0.845 #
17)	MA 4,4'-DDT	6.357	7.091	112.5E6	1021.7E6	98.404	90.613
18)	B Endrin al...	6.428	7.005	504732	4999214	0.475	0.491
20)	A Methoxychlor	6.903	7.550	153.9E6	1237.6E6	229.271	215.738
21)	B Endrin ke...	7.136	7.694	936325	28910646	0.634	2.410 #

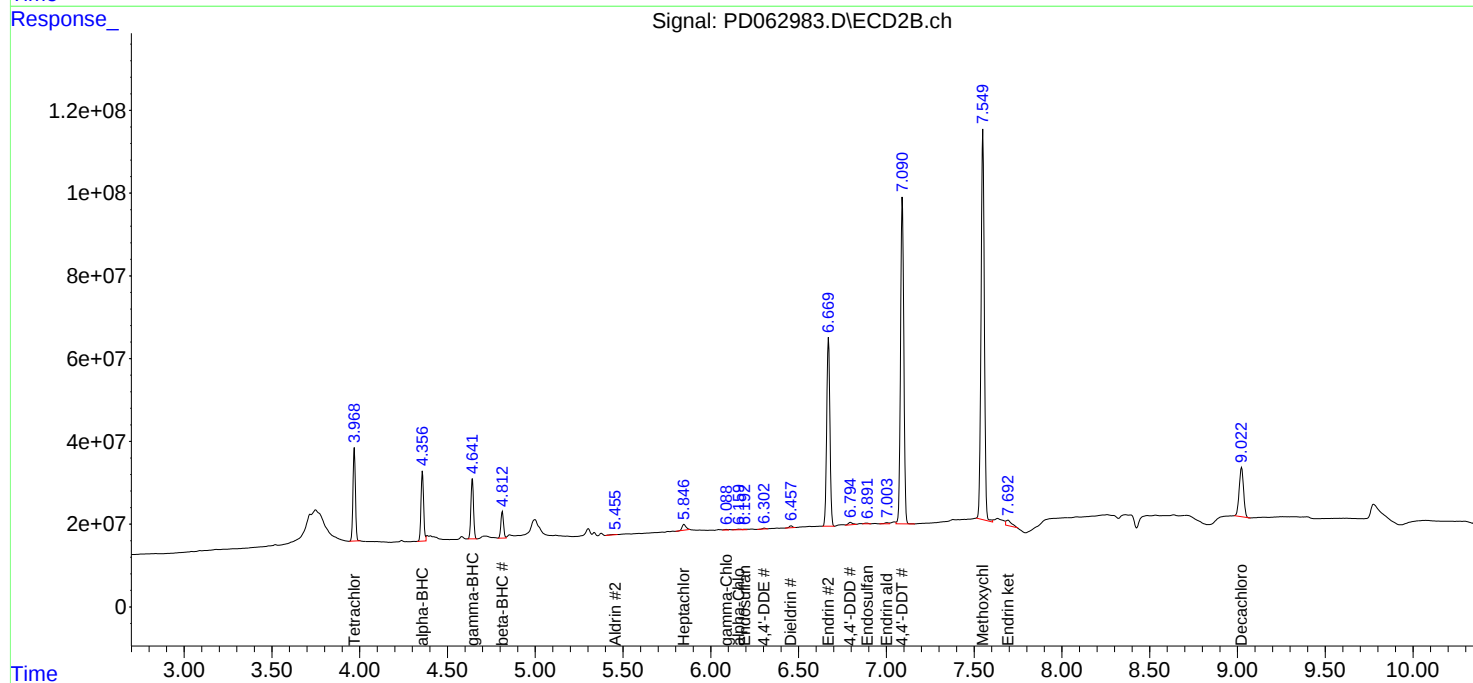
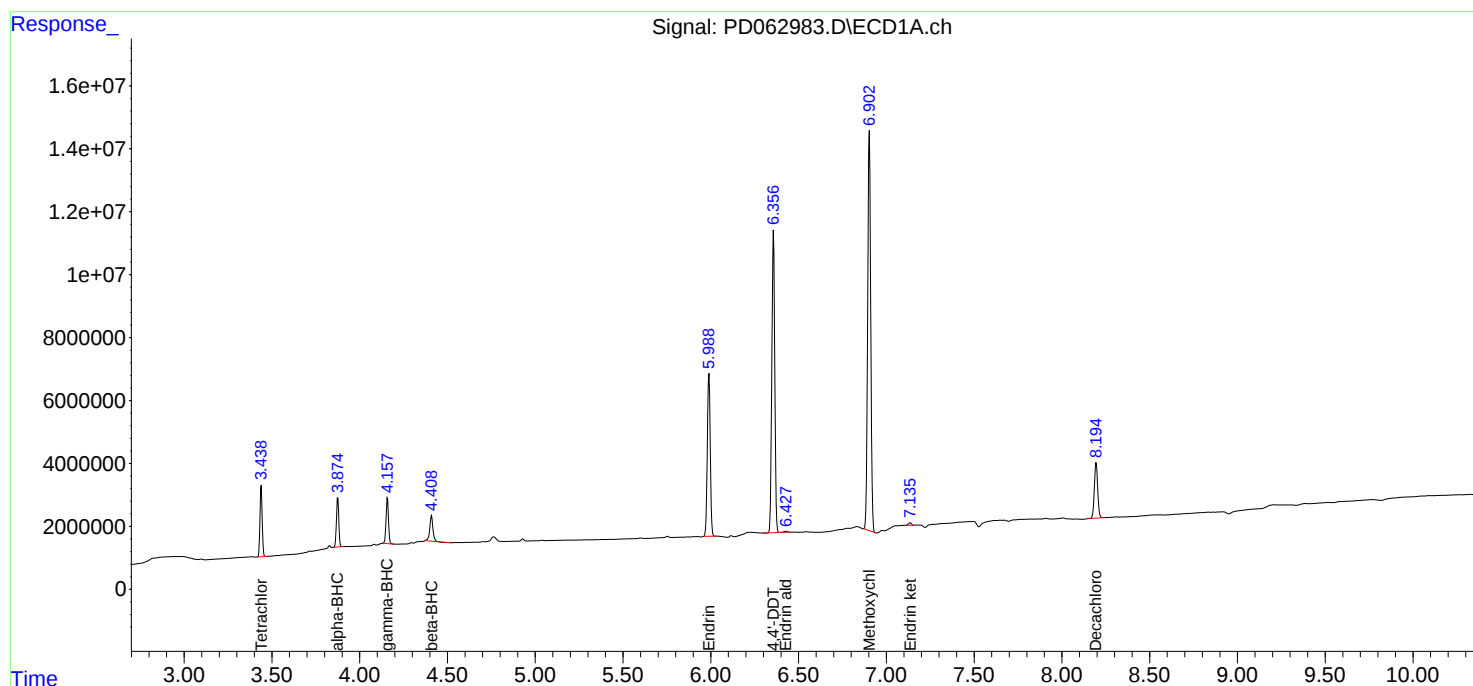
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

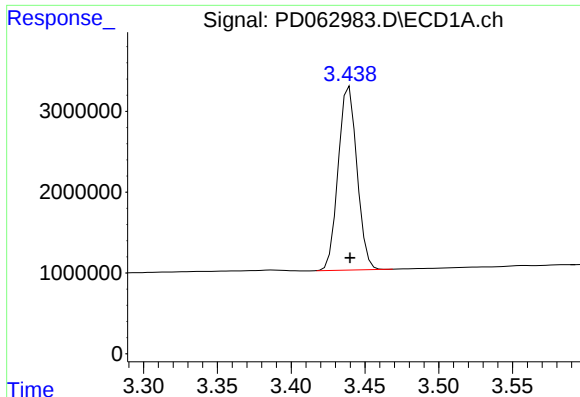
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

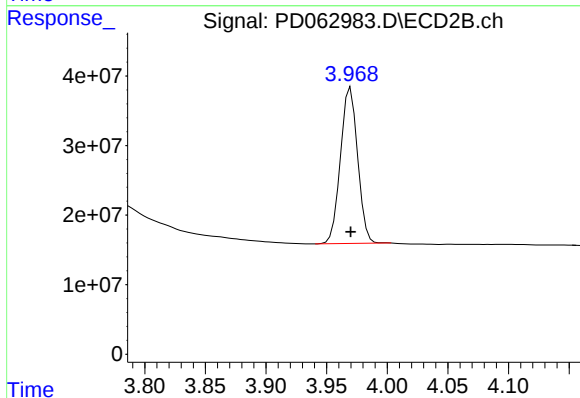




#1 Tetrachloro-m-xylene

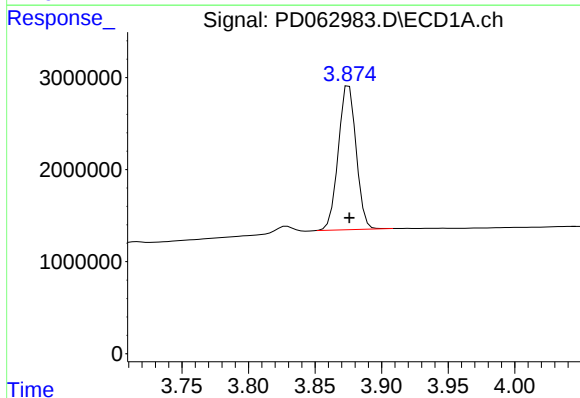
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 20170399
Conc: 18.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



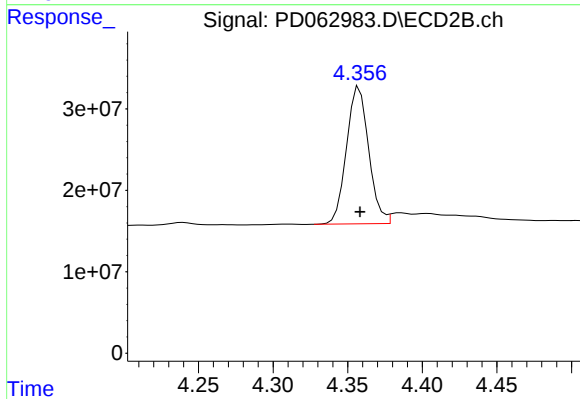
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 221149195
Conc: 19.08 ng/ml



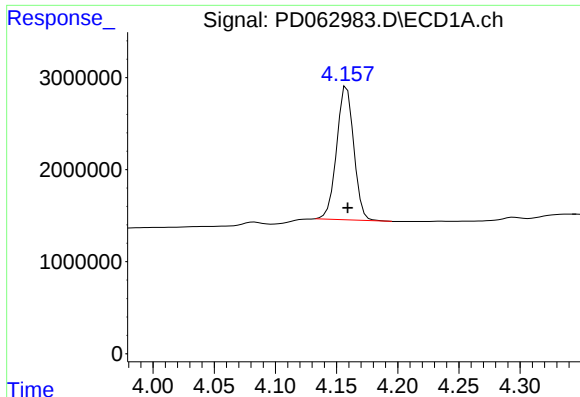
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 14664646
Conc: 8.46 ng/ml



#2 alpha-BHC

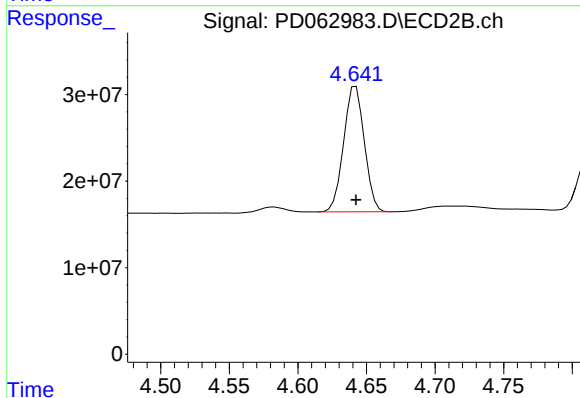
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 174651026
Conc: 9.07 ng/ml



#3 gamma-BHC (Lindane)

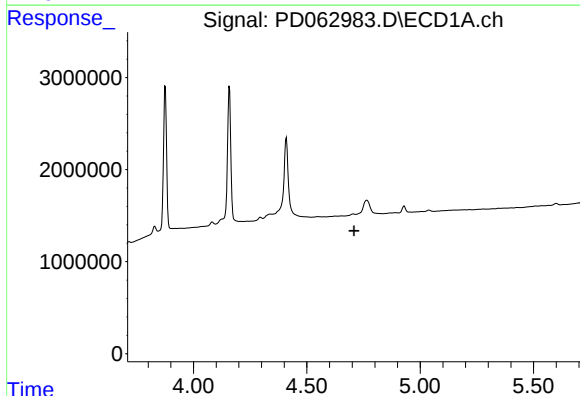
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 14108270
Conc: 8.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



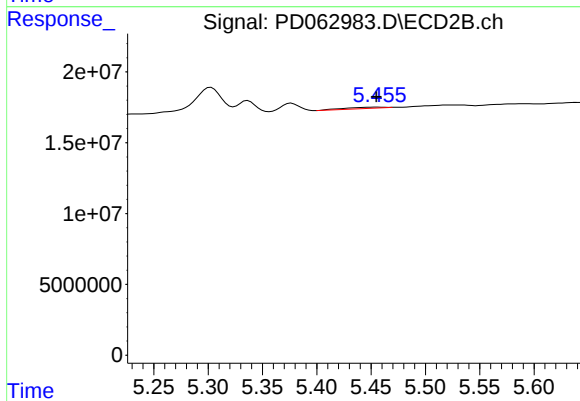
#3 gamma-BHC (Lindane)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 152320373
Conc: 8.83 ng/ml



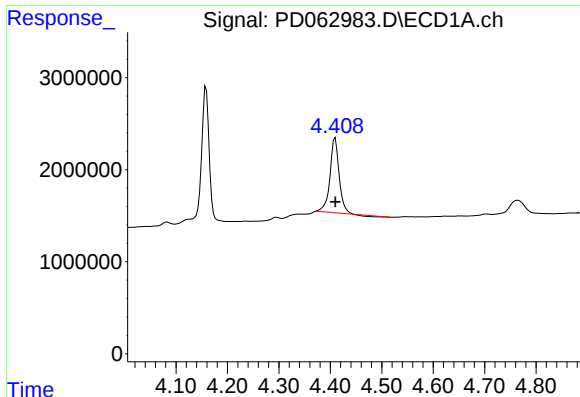
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#5 Aldrin

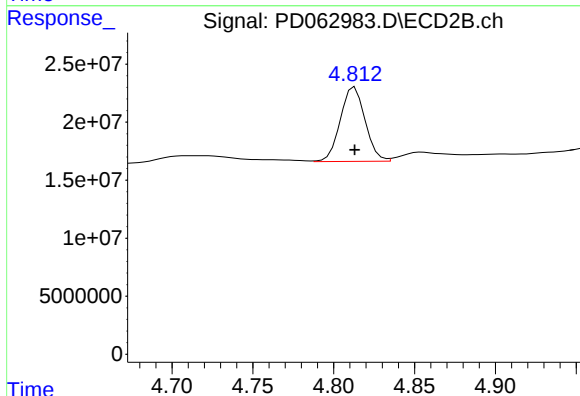
R.T.: 5.457 min
Delta R.T.: 0.002 min
Response: 2107653
Conc: 0.13 ng/ml



#6 beta-BHC

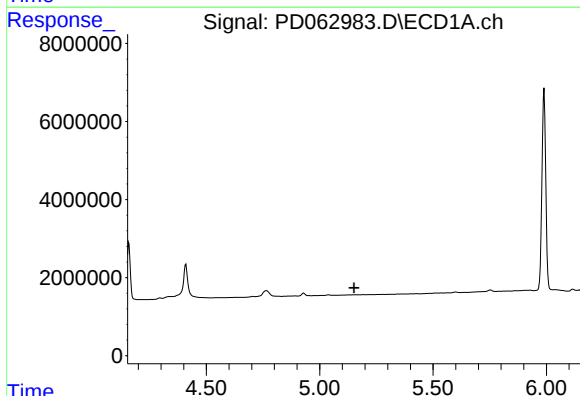
R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 9906265
Conc: 6.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



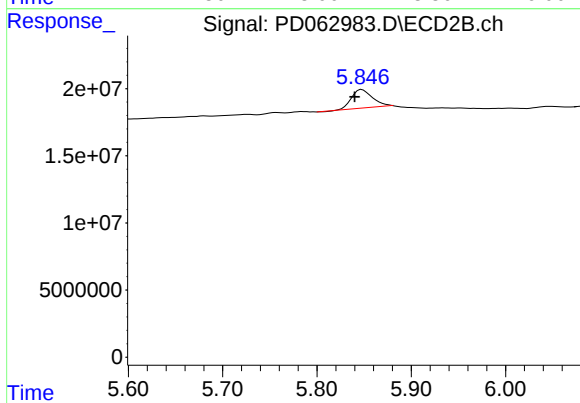
#6 beta-BHC

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 68239943
Conc: 9.20 ng/ml



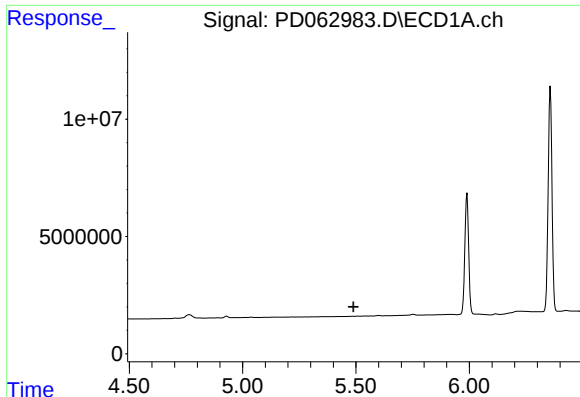
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.151 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

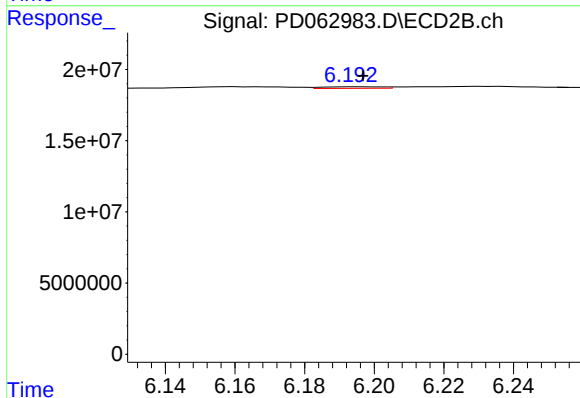
R.T.: 5.848 min
Delta R.T.: 0.007 min
Response: 21674645
Conc: 1.42 ng/ml



#9 Endosulfan I

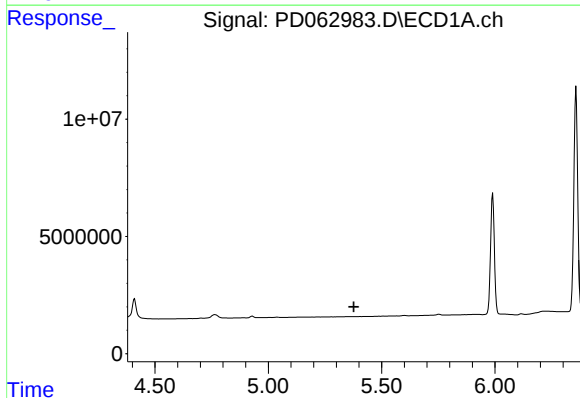
R.T.: 0.000 min
Exp R.T.: 5.490 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



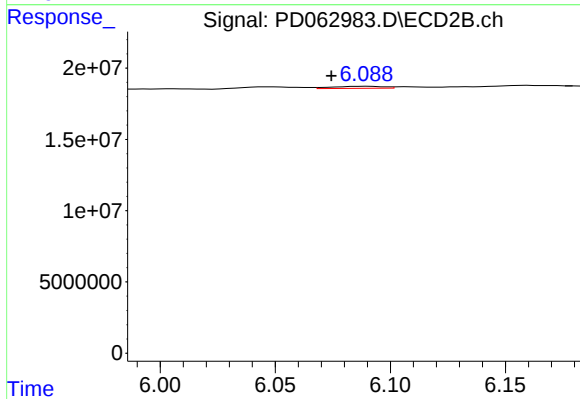
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 1332403
Conc: 0.09 ng/ml



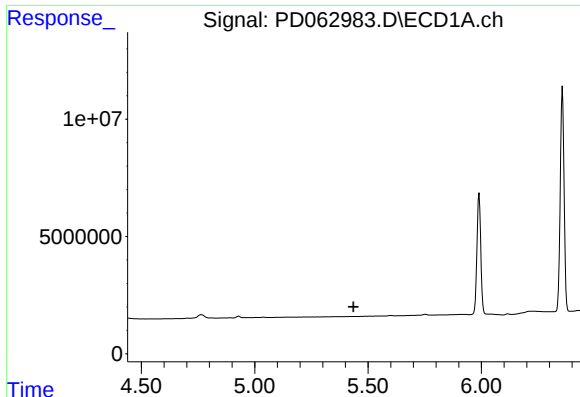
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.378 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

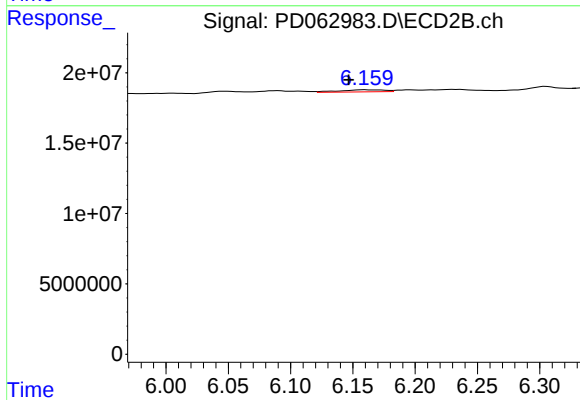
R.T.: 6.089 min
Delta R.T.: 0.015 min
Response: 2249763
Conc: 0.14 ng/ml



#11 alpha-Chlordane

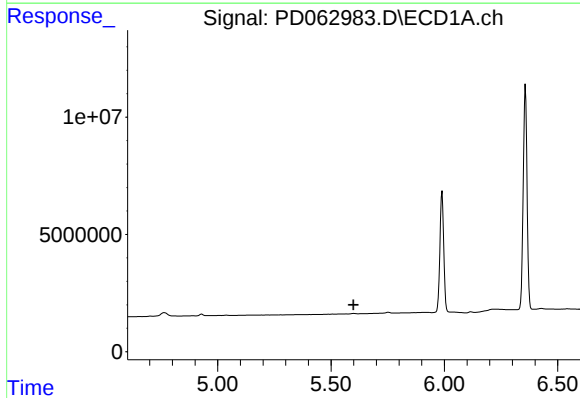
R.T.: 0.000 min
Exp R.T.: 5.436 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



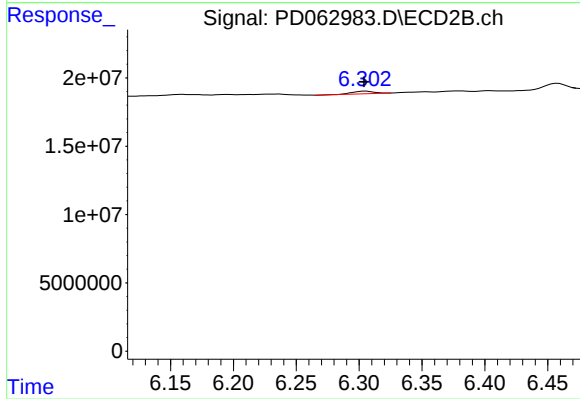
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.014 min
Response: 3715028
Conc: 0.25 ng/ml



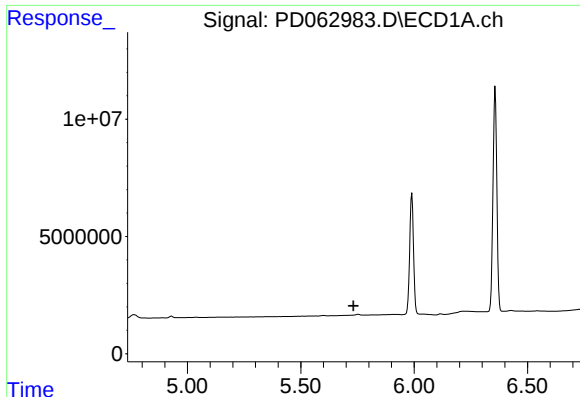
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.600 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

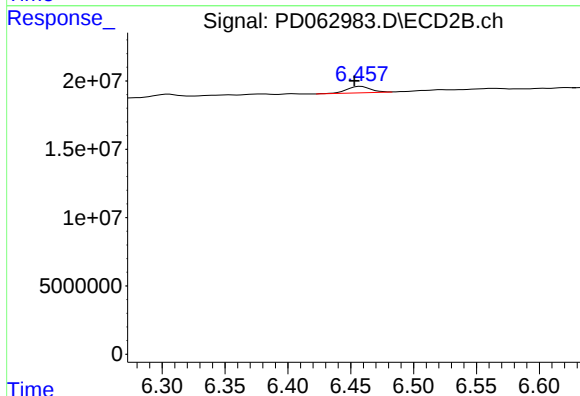
R.T.: 6.305 min
Delta R.T.: 0.001 min
Response: 2186633
Conc: 0.14 ng/ml



#13 Dieldrin

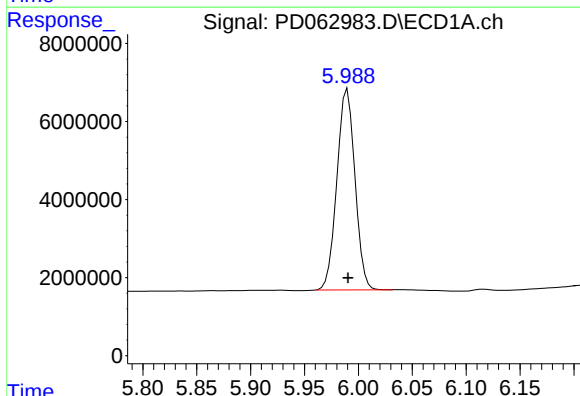
R.T.: 0.000 min
Exp R.T.: 5.733 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



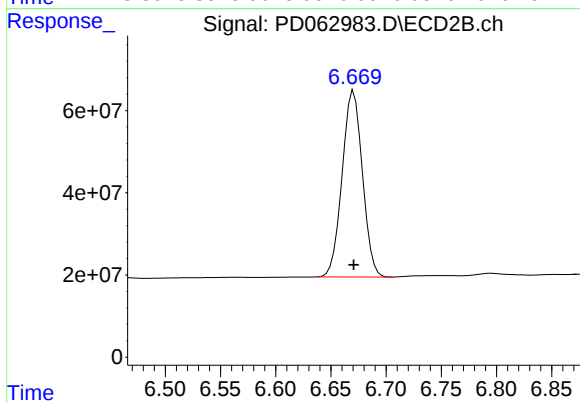
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.005 min
Response: 6218105
Conc: 0.41 ng/ml



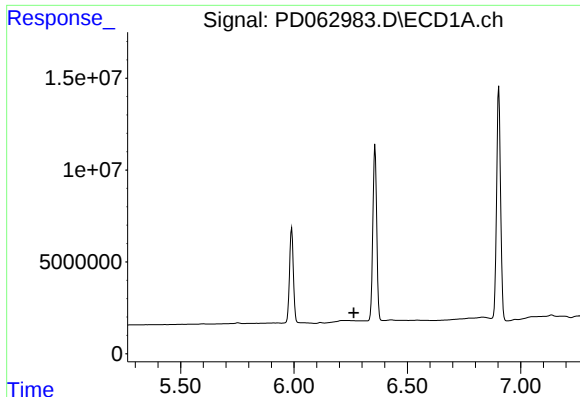
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 60052002
Conc: 44.90 ng/ml



#14 Endrin

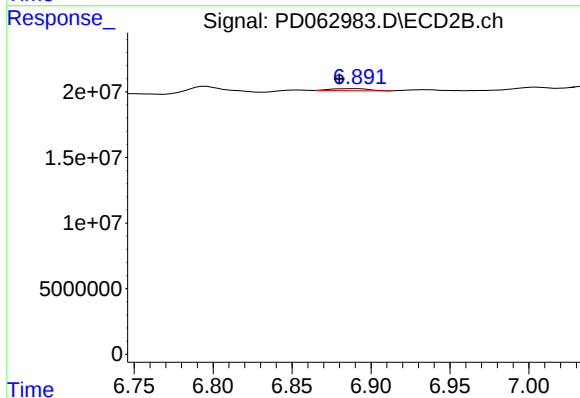
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 579276378
Conc: 45.40 ng/ml



#15 Endosulfan II

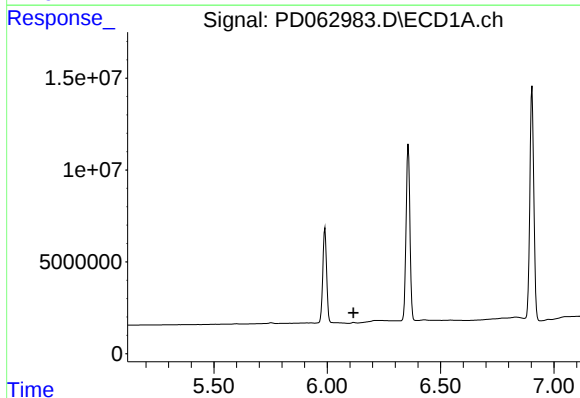
R.T.: 0.000 min
Exp R.T.: 6.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



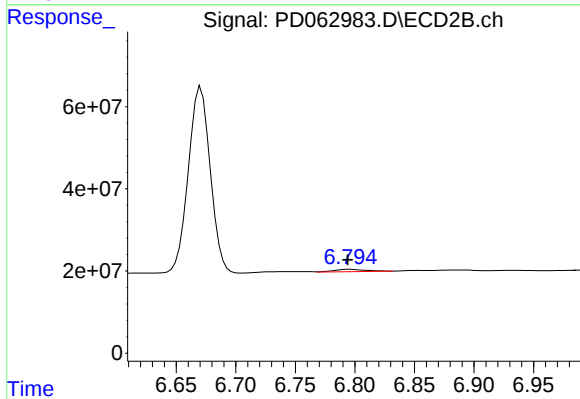
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.012 min
Response: 2542083
Conc: 0.21 ng/ml



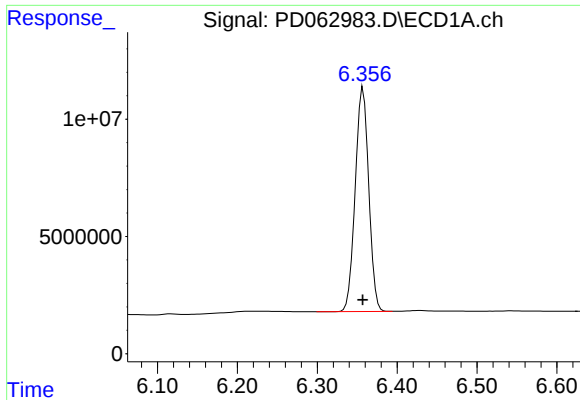
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.116 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

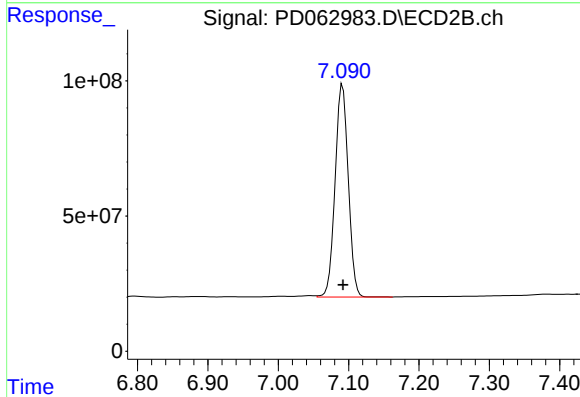
R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 10253318
Conc: 0.85 ng/ml



#17 4,4'-DDT

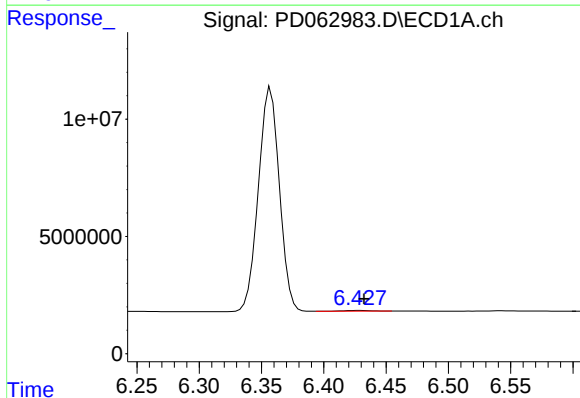
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 112471915
Conc: 98.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



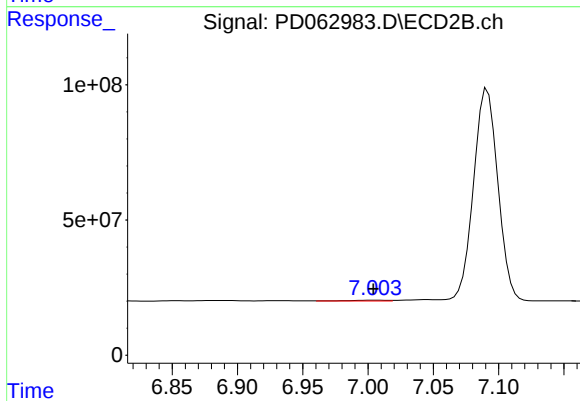
#17 4,4'-DDT

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 1021731120
Conc: 90.61 ng/ml



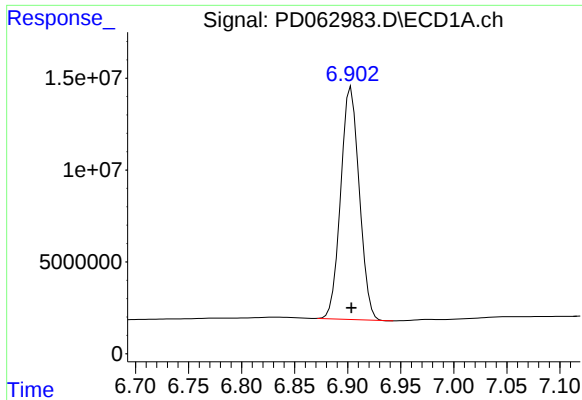
#18 Endrin aldehyde

R.T.: 6.428 min
Delta R.T.: -0.004 min
Response: 504732
Conc: 0.47 ng/ml



#18 Endrin aldehyde

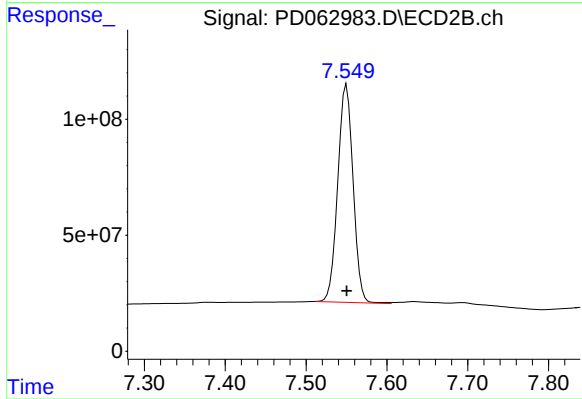
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 4999214
Conc: 0.49 ng/ml



#20 Methoxychlor

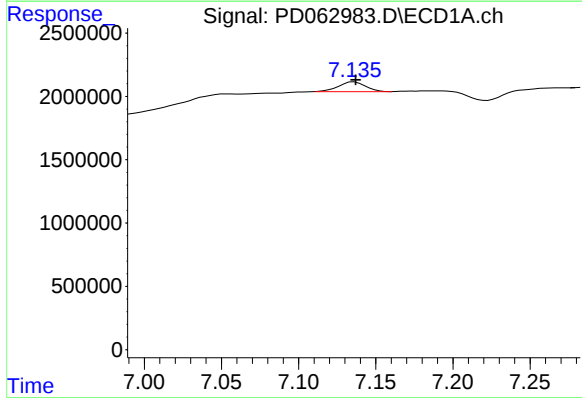
R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 153855786
Conc: 229.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



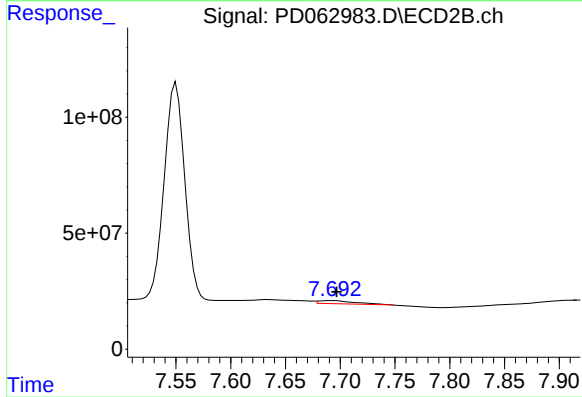
#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 1237612554
Conc: 215.74 ng/ml



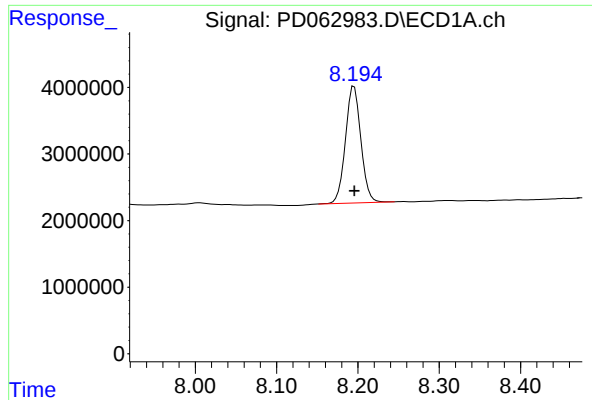
#21 Endrin ketone

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 936325
Conc: 0.63 ng/ml



#21 Endrin ketone

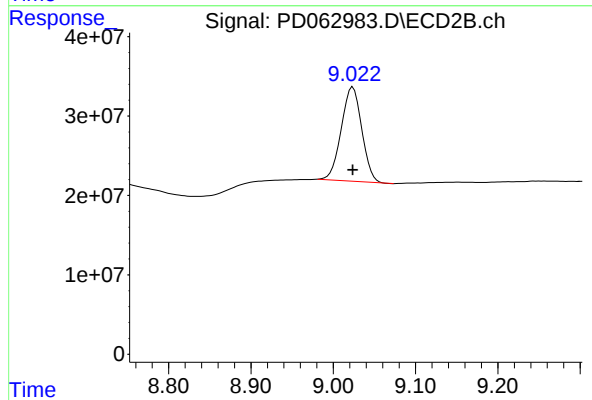
R.T.: 7.694 min
Delta R.T.: -0.003 min
Response: 28910646
Conc: 2.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 23119481
Conc: 18.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 205851800
Conc: 20.18 ng/ml