

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 23:33
 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: Sep 03 05:11:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 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...	3.542	2.761	48586868	31384496	19.136	19.843
2)	SA Decachlor...	9.082	7.900	57501693	33459734	18.876	19.390
Target Compounds							
2)	A alpha-BHC	3.998	3.262	38141151	22414640	9.271	9.688
3)	MA gamma-BHC...	4.332	3.591	36794399	20478190	9.301	9.161
6)	B beta-BHC	4.529	3.888	17358900	9646329	10.757	10.823
7)	B delta-BHC	4.766	0.000	903451	0	0.245	N.D. #
8)	B Heptachlo...	5.683	0.000	828608	0	0.232	N.D. #
10)	B gamma-Chl...	0.000	4.968	0	239530	N.D.	0.119 #
12)	B 4,4'-DDE	6.201	5.216	453784	419907	0.141	0.230 #
13)	MA Dieldrin	6.378f	0.000	831826	0	0.234	N.D. #
14)	MA Endrin	6.586	5.623	133.9E6	84577205	44.151	46.694
15)	B Endosulfa...	6.822f	5.932	1656061	473261	0.534	0.277 #
16)	A 4,4'-DDD	6.720	5.771	3286734	2062113	1.283	1.476
17)	MA 4,4'-DDT	7.035	6.021	267.9E6	164.0E6	102.437	116.065
18)	B Endrin al...	6.936	6.097	3503603	2963429	1.474	2.195 #
20)	A Methoxychlor	7.512	6.597	359.1E6	207.0E6	232.166	267.309
21)	B Endrin ke...	7.657	6.826	7428238	5047934	2.286	2.670
25)	Chlordane-3	0.000	4.968	0	239530	N.D.	1.221 #
27)	Chlordane-5	0.000	5.932	0	473261	N.D.	7.356 #

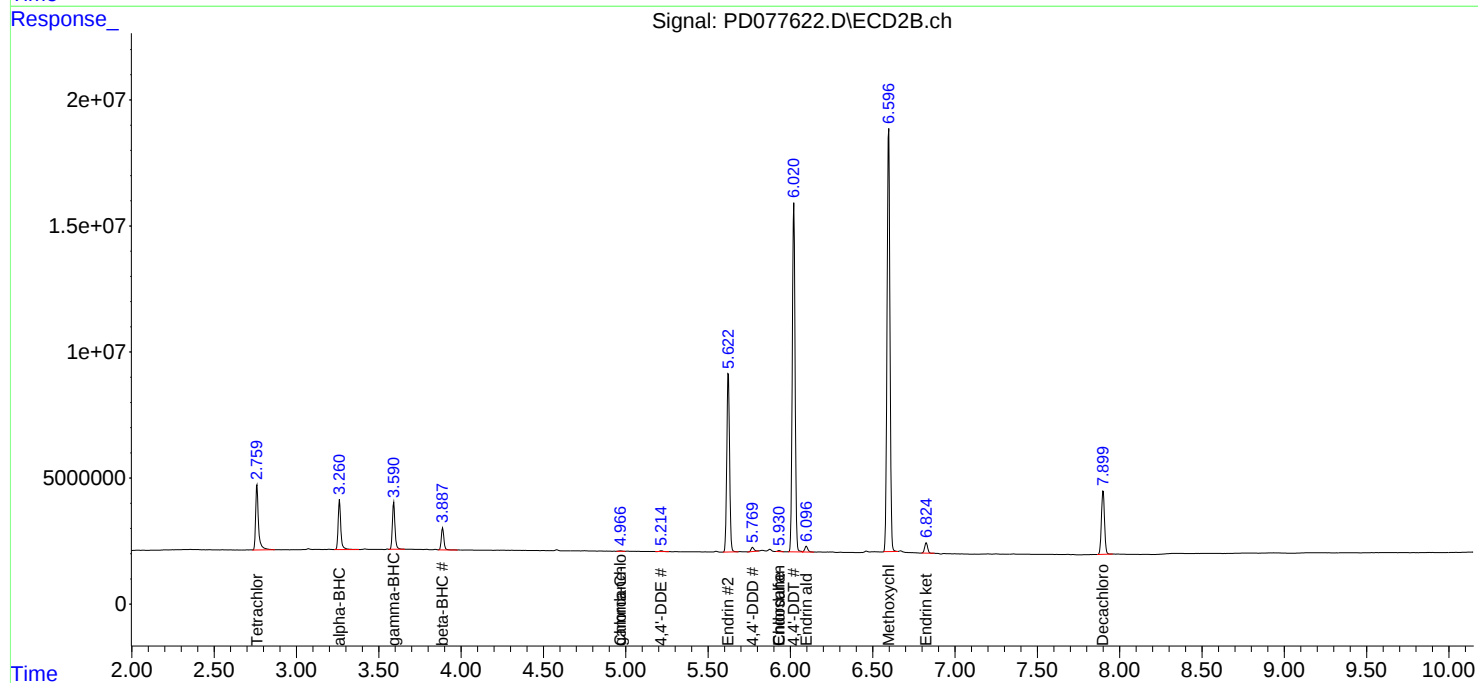
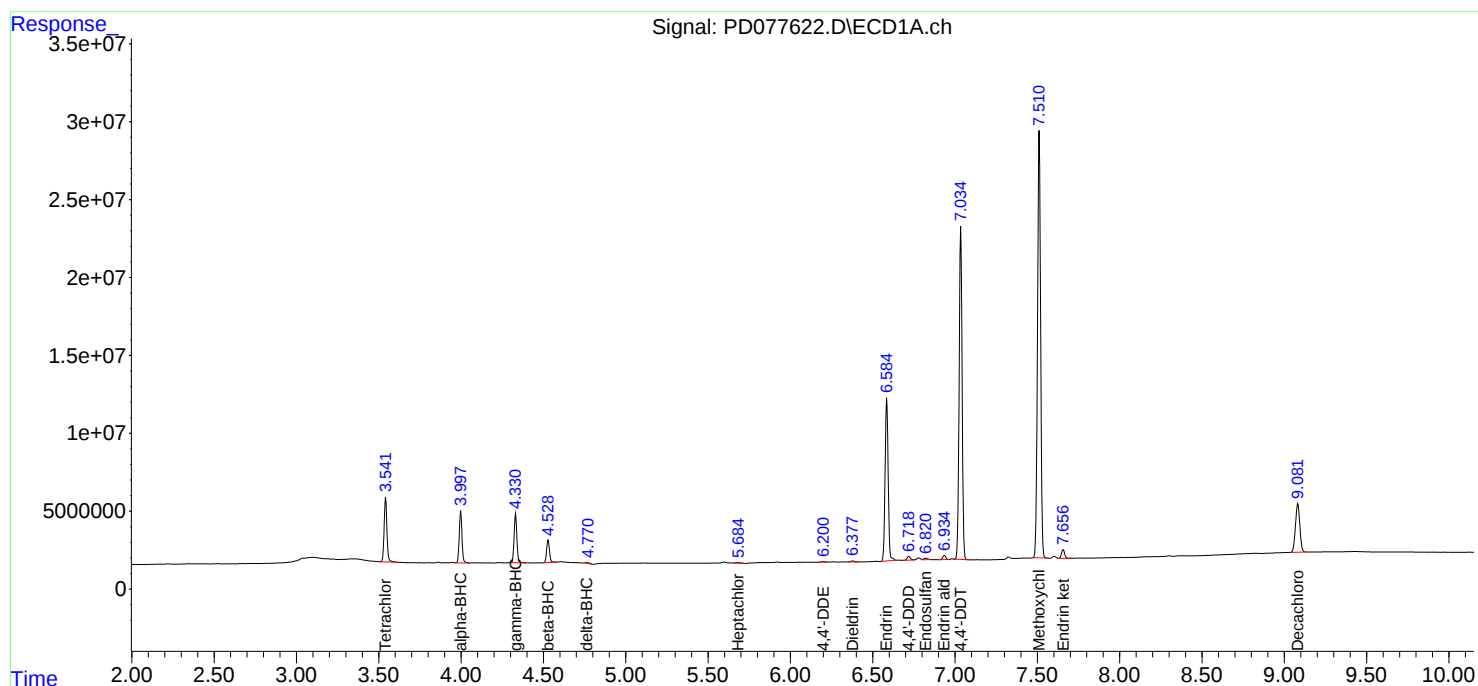
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

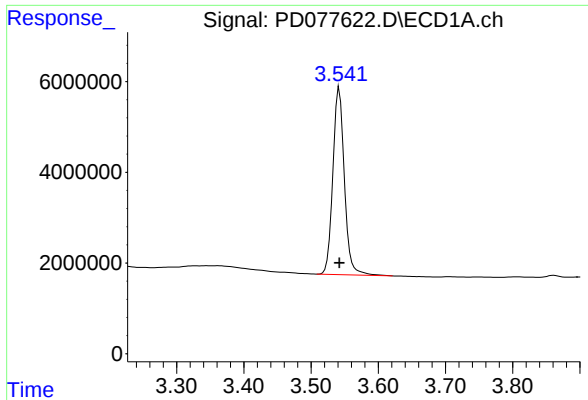
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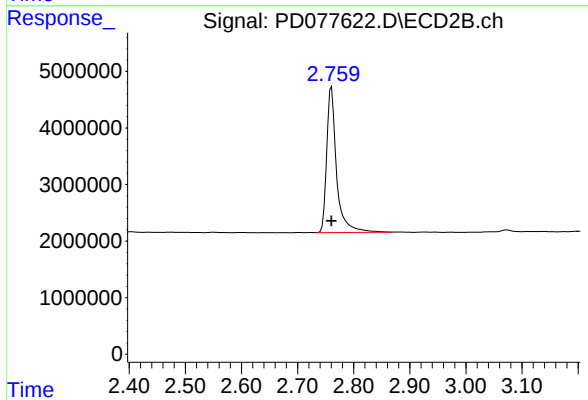




#1 Tetrachloro-m-xylene

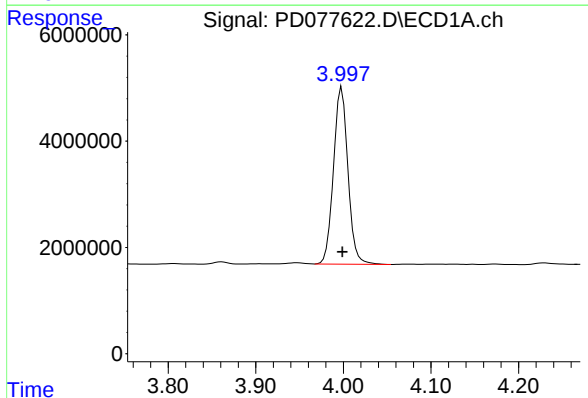
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 48586868
Conc: 19.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



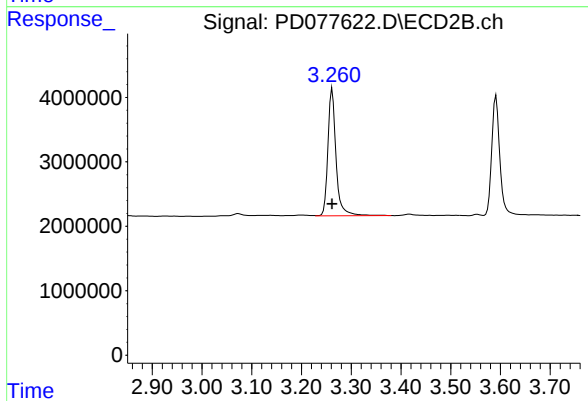
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 31384496
Conc: 19.84 ng/ml



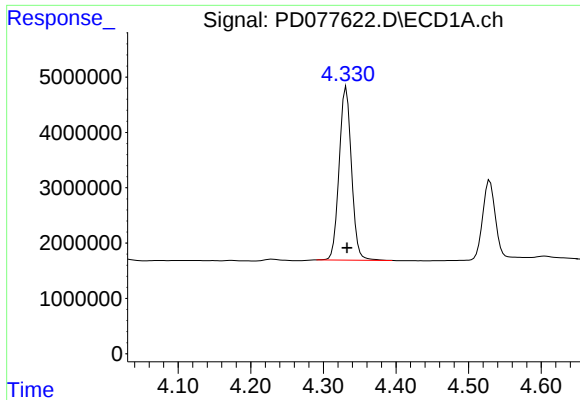
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 38141151
Conc: 9.27 ng/ml



#2 alpha-BHC

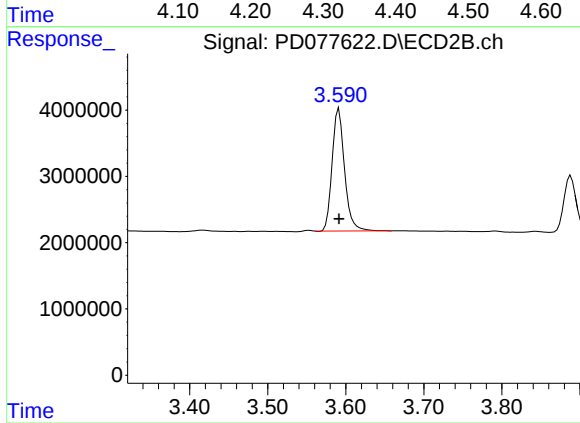
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 22414640
Conc: 9.69 ng/ml



#3 gamma-BHC (Lindane)

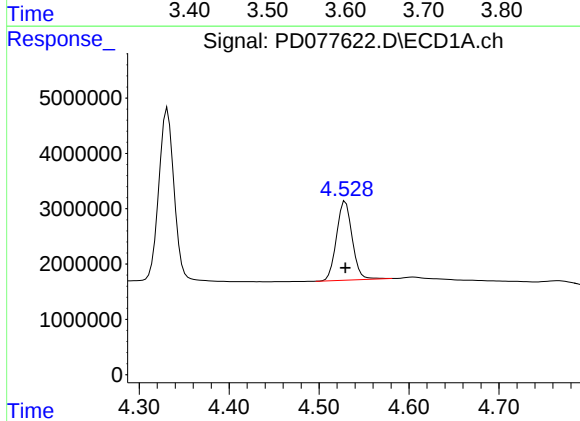
R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 36794399
Conc: 9.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



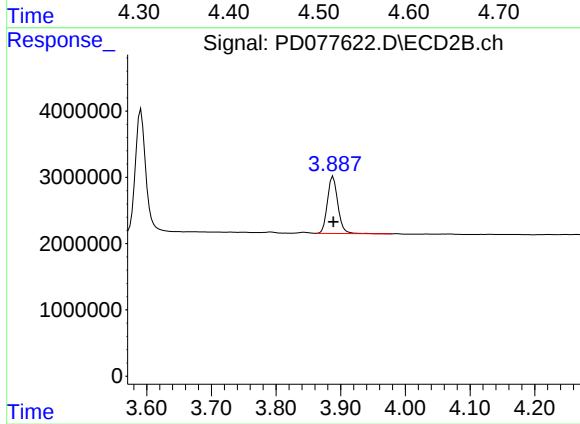
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 20478190
Conc: 9.16 ng/ml



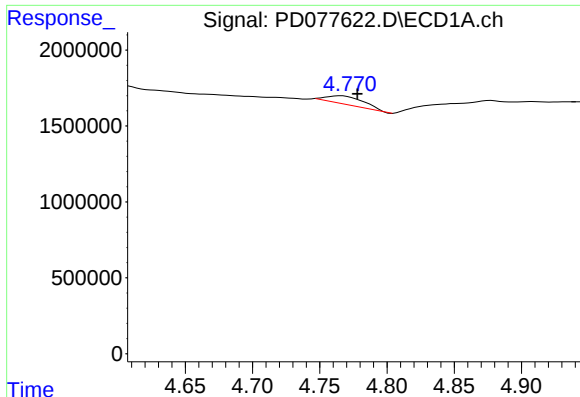
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 17358900
Conc: 10.76 ng/ml



#6 beta-BHC

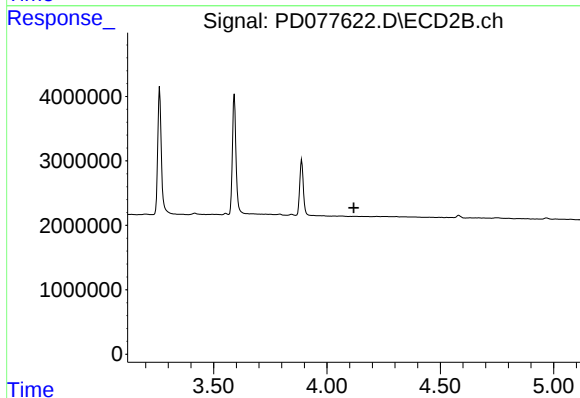
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 9646329
Conc: 10.82 ng/ml



#7 delta-BHC

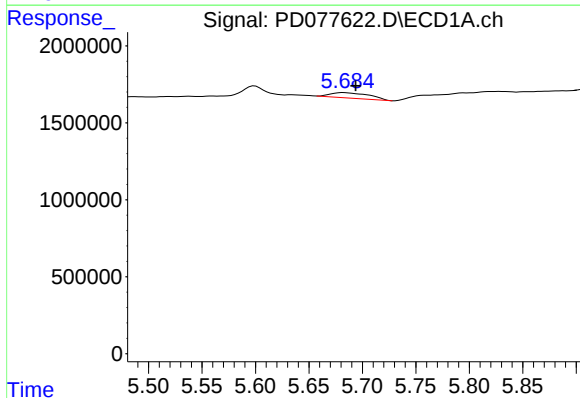
R.T.: 4.766 min
Delta R.T.: -0.012 min
Response: 903451
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



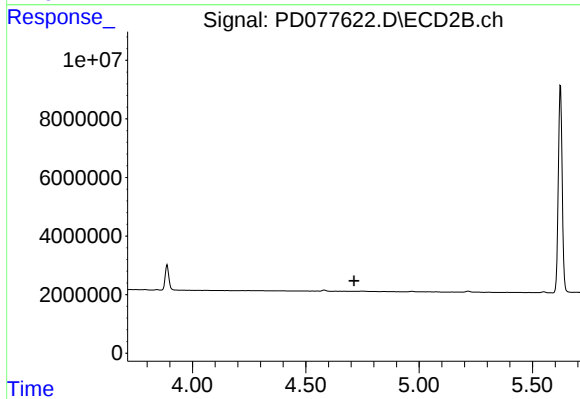
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.119 min
Response: 0
Conc: N.D.



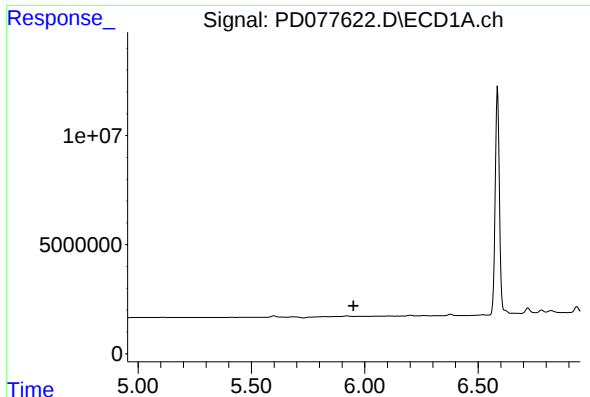
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.011 min
Response: 828608
Conc: 0.23 ng/ml



#8 Heptachlor epoxide

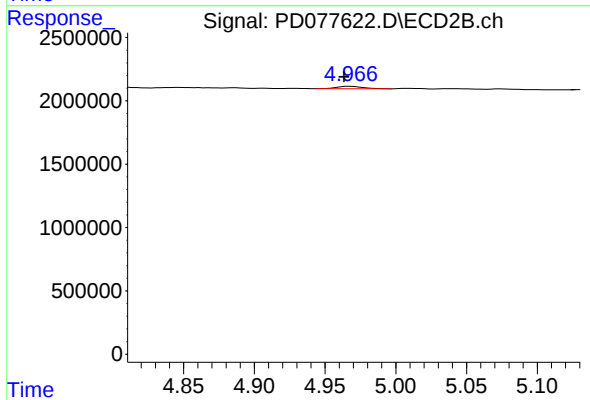
R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

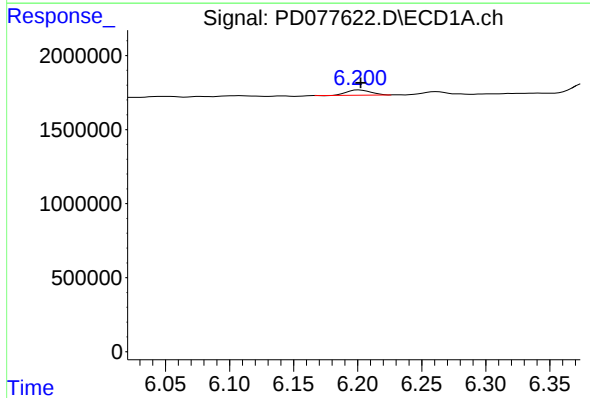
R.T.: 0.000 min
Exp R.T.: 5.950 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



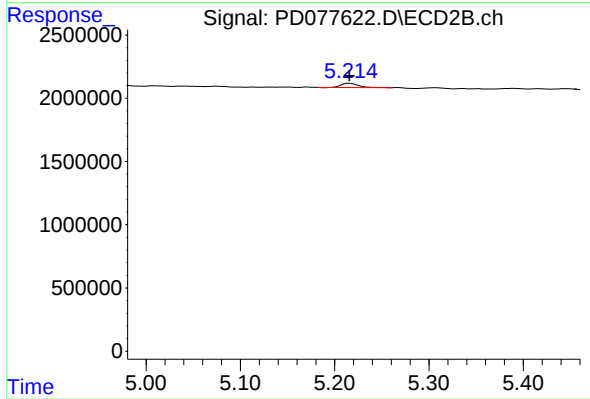
#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.005 min
Response: 239530
Conc: 0.12 ng/ml



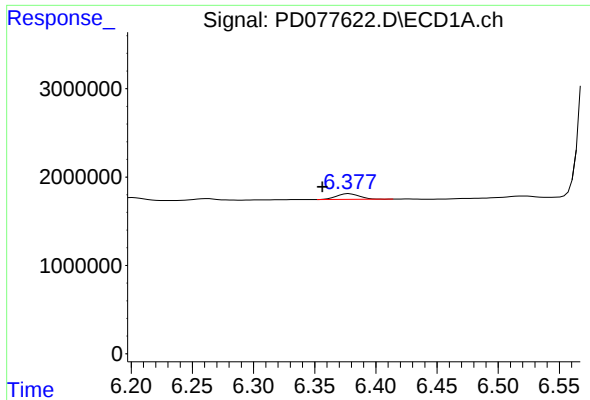
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 453784
Conc: 0.14 ng/ml



#12 4,4'-DDE

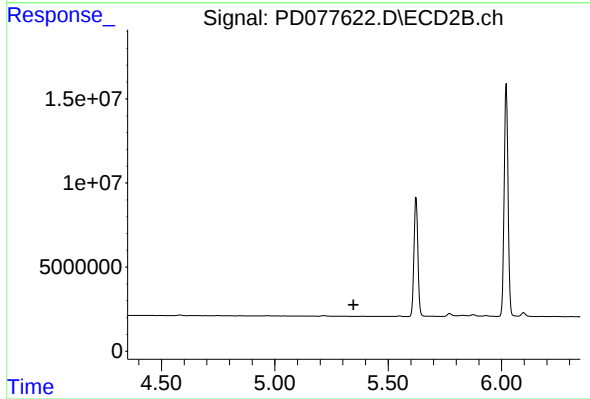
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 419907
Conc: 0.23 ng/ml



#13 Dieldrin

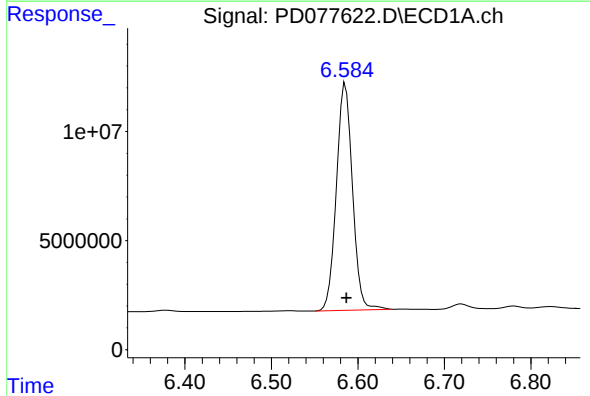
R.T.: 6.378 min
Delta R.T.: 0.022 min
Response: 831826
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



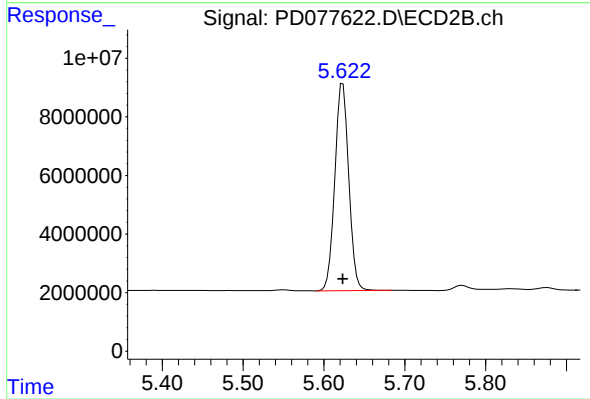
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



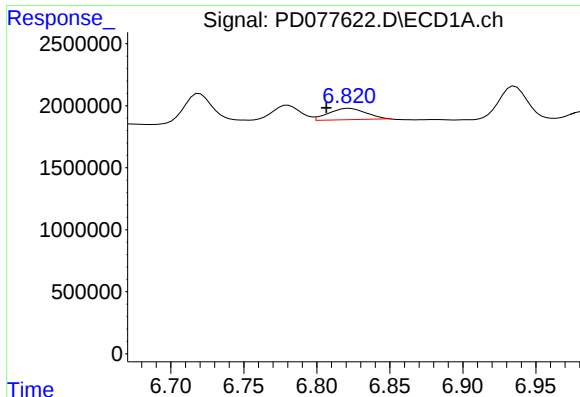
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.001 min
Response: 133919591
Conc: 44.15 ng/ml



#14 Endrin

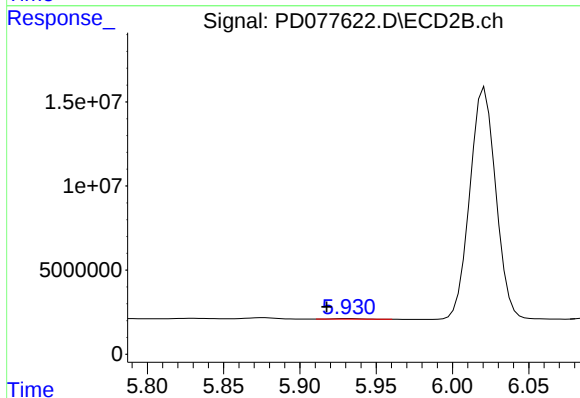
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 84577205
Conc: 46.69 ng/ml



#15 Endosulfan II

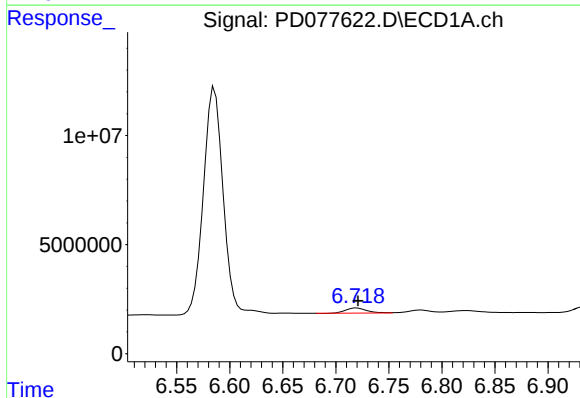
R.T.: 6.822 min
Delta R.T.: 0.016 min
Response: 1656061
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



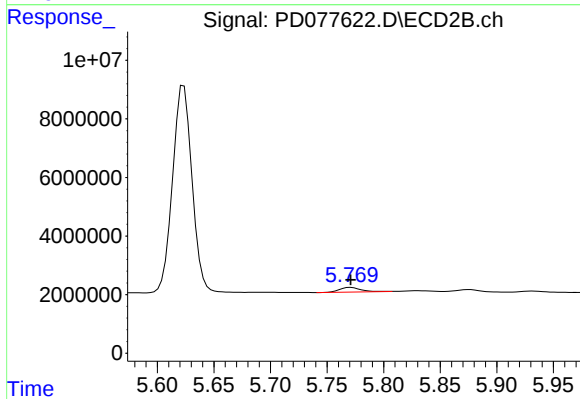
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.014 min
Response: 473261
Conc: 0.28 ng/ml



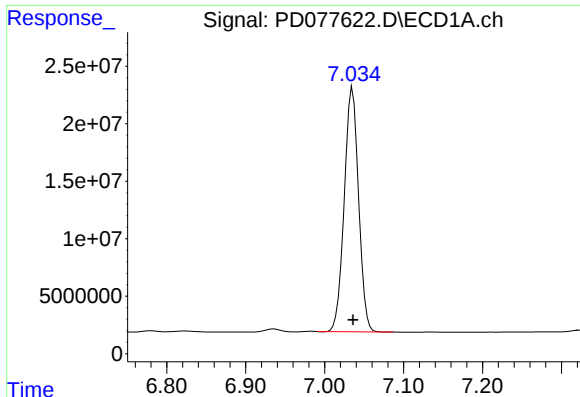
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 3286734
Conc: 1.28 ng/ml



#16 4,4'-DDD

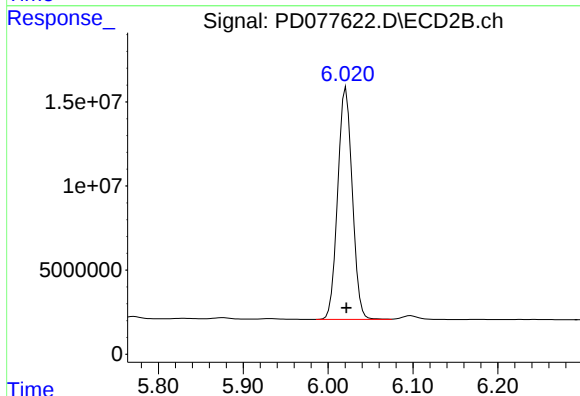
R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 2062113
Conc: 1.48 ng/ml



#17 4,4'-DDT

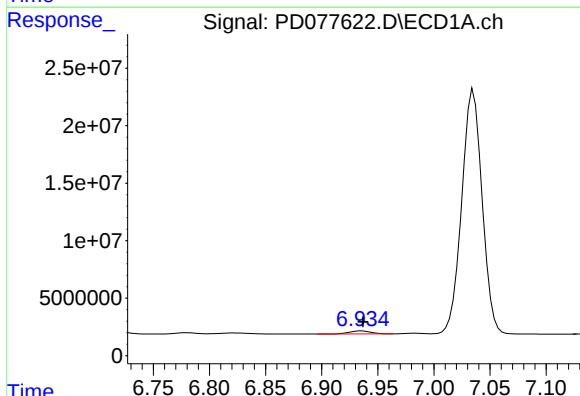
R.T.: 7.035 min
Delta R.T.: -0.001 min
Response: 267904808
Conc: 102.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



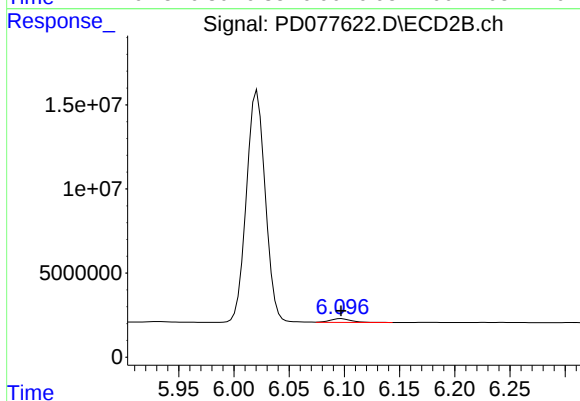
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 163980737
Conc: 116.06 ng/ml



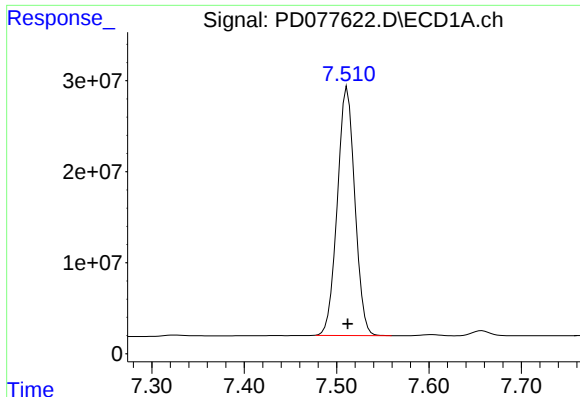
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 3503603
Conc: 1.47 ng/ml



#18 Endrin aldehyde

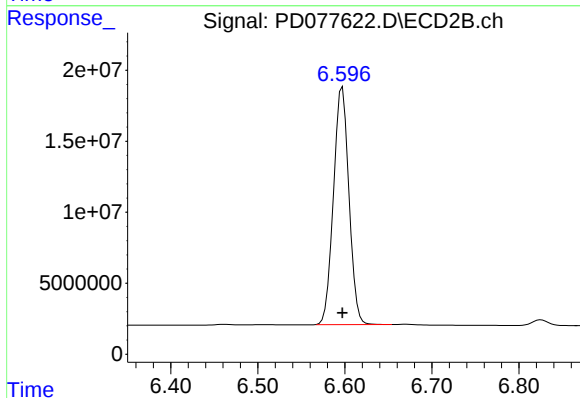
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 2963429
Conc: 2.20 ng/ml



#20 Methoxychlor

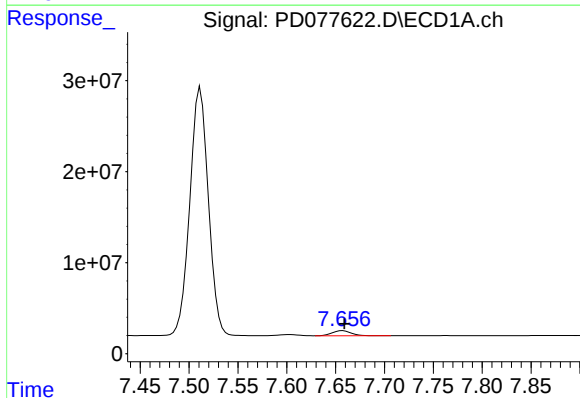
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 359103797
Conc: 232.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



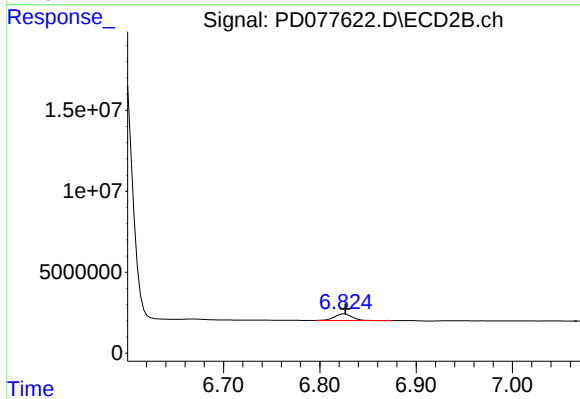
#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 206960544
Conc: 267.31 ng/ml



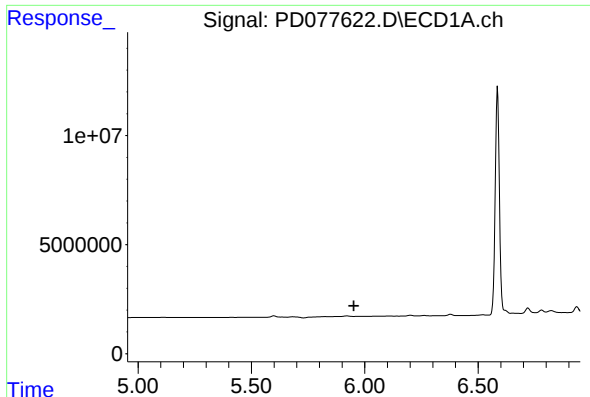
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 7428238
Conc: 2.29 ng/ml



#21 Endrin ketone

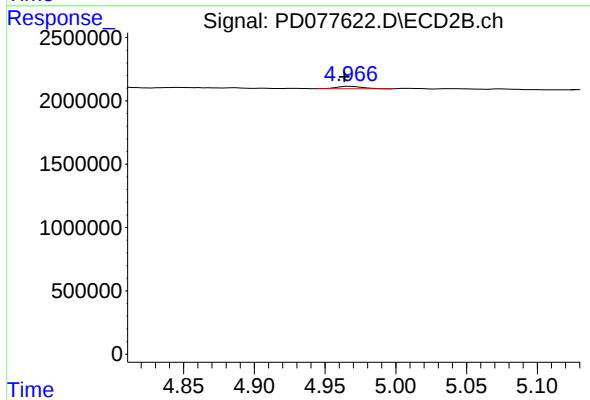
R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 5047934
Conc: 2.67 ng/ml



#25 Chlordane-3

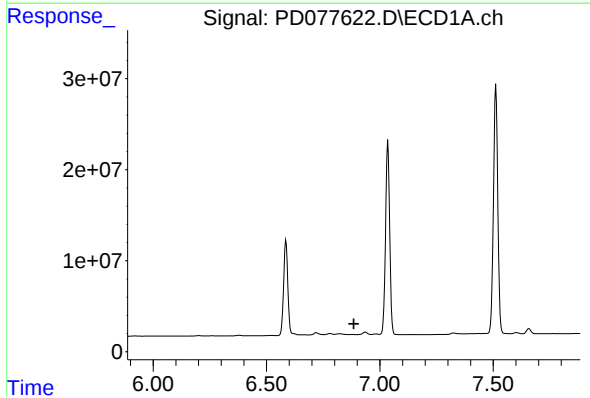
R.T.: 0.000 min
Exp R.T.: 5.951 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



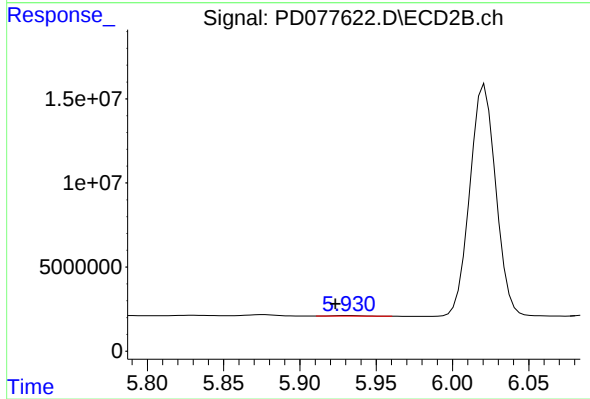
#25 Chlordane-3

R.T.: 4.968 min
Delta R.T.: 0.004 min
Response: 239530
Conc: 1.22 ng/ml



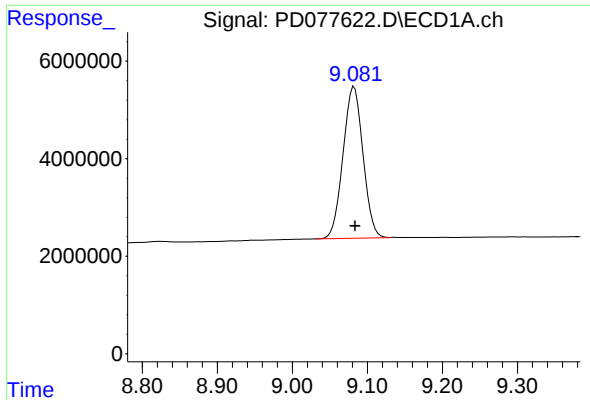
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.885 min
Response: 0
Conc: N.D.



#27 Chlordane-5

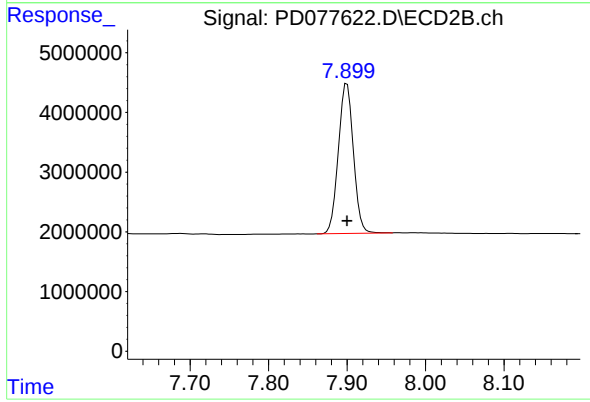
R.T.: 5.932 min
Delta R.T.: 0.009 min
Response: 473261
Conc: 7.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.001 min
Response: 57501693
Conc: 18.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 33459734
Conc: 19.39 ng/ml