

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090323\
 Data File : PD077563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 13:08
 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 01 18:17:55 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	2.760	46726480	29154721	18.403	18.433
28)	SA Decachlor...	9.083	7.901	57478464	31805742	18.869	18.431
Target Compounds							
2)	A alpha-BHC	3.998	3.261	35758339	20426879	8.692	8.829
3)	MA gamma-BHC...	4.332	3.591	34933747	18858364	8.831	8.436
6)	B beta-BHC	4.529	3.888	16491237	9050948	10.219	10.155
8)	B Heptachlo...	5.685	0.000	1560972	0	0.437	N.D. #
12)	B 4,4'-DDE	6.203	5.218	631412	548016	0.196	0.300 #
13)	MA Dieldrin	6.372f	0.000	406277	0	0.114	N.D. #
14)	MA Endrin	6.587	5.623	135.1E6	81026183	44.546	44.733
15)	B Endosulfa...	6.821	5.933f	1458705	283680	0.471	0.166 #
16)	A 4,4'-DDD	6.722	5.773	1119438	812546	0.437	0.581 #
17)	MA 4,4'-DDT	7.036	6.022	267.6E6	150.6E6	102.318	106.586
18)	B Endrin al...	6.936	6.097	2771073	3088974	1.166	2.288 #
20)	A Methoxychlor	7.512	6.597	362.2E6	188.1E6	234.182	243.001
21)	B Endrin ke...	7.658	6.826	6203595	3844881	1.909	2.034
22)	Mirex	8.156f	0.000	316706	0	0.132	N.D. #
27)	Chlordane-5	0.000	5.933	0	283680	N.D.	4.409 #

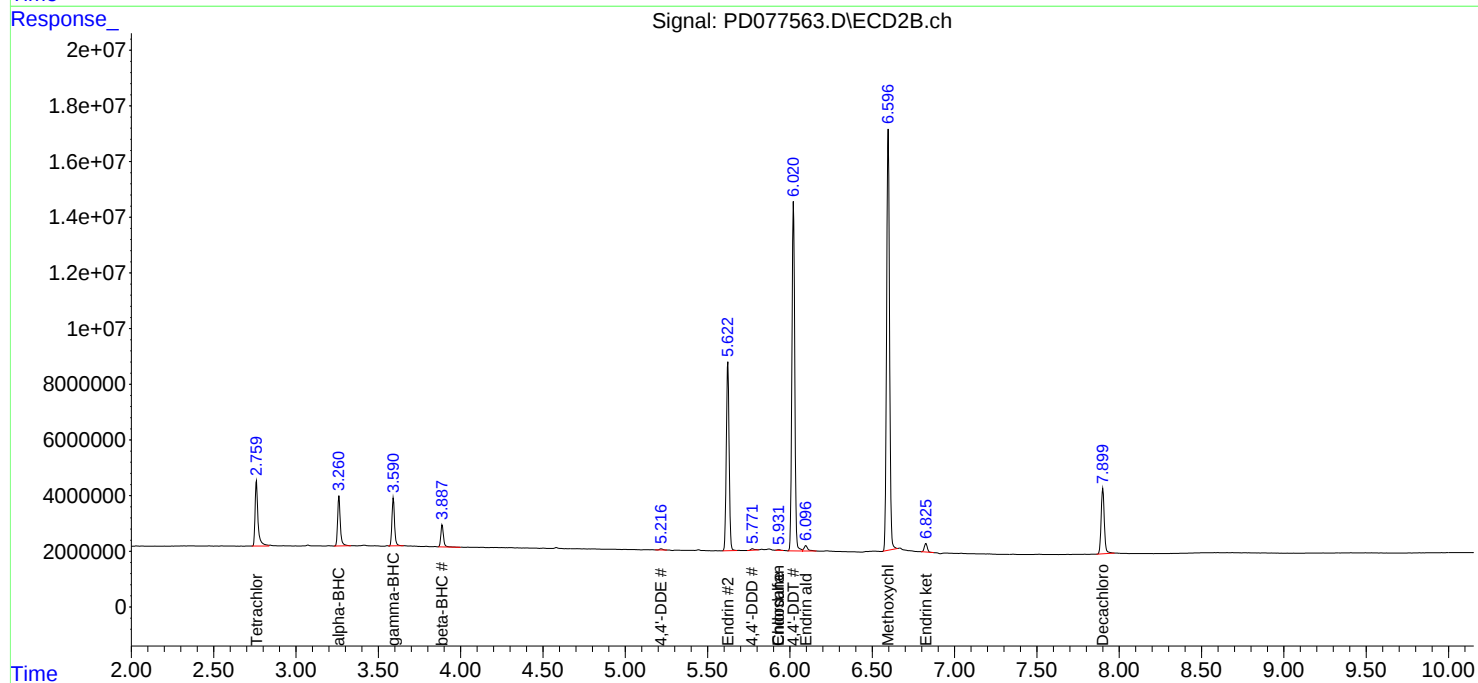
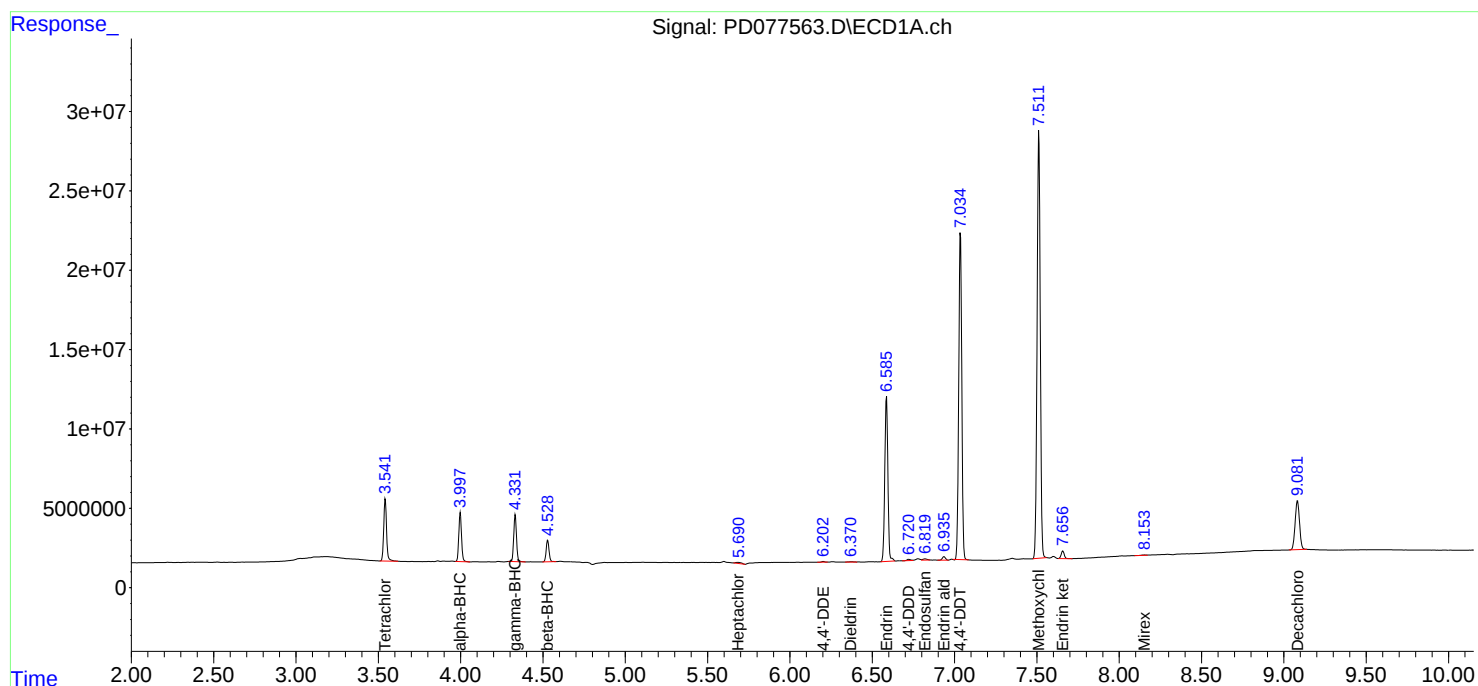
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

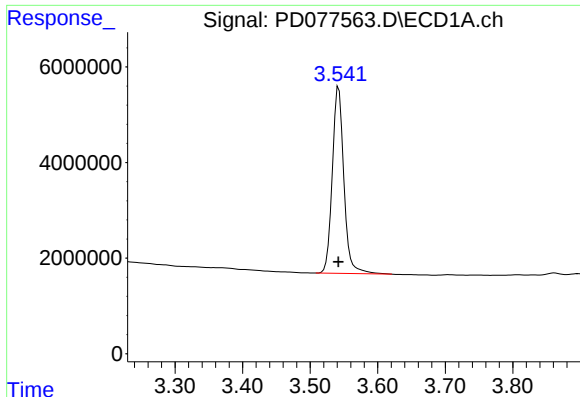
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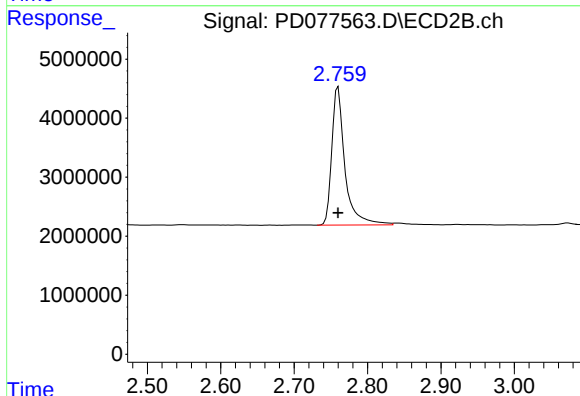




#1 Tetrachloro-m-xylene

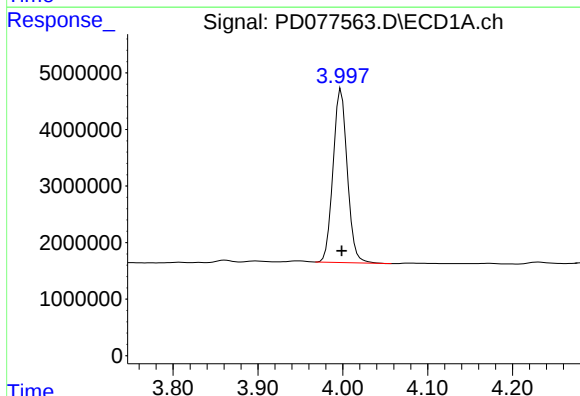
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 46726480
Conc: 18.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



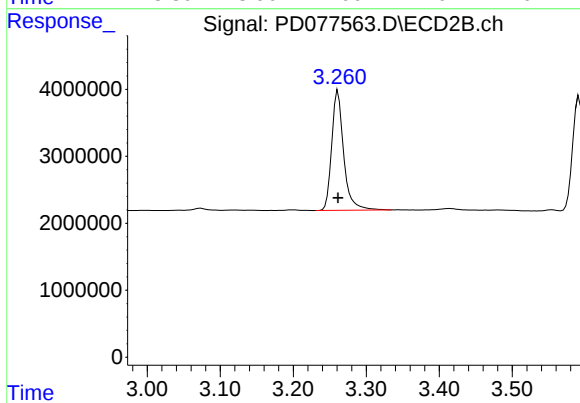
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 29154721
Conc: 18.43 ng/ml



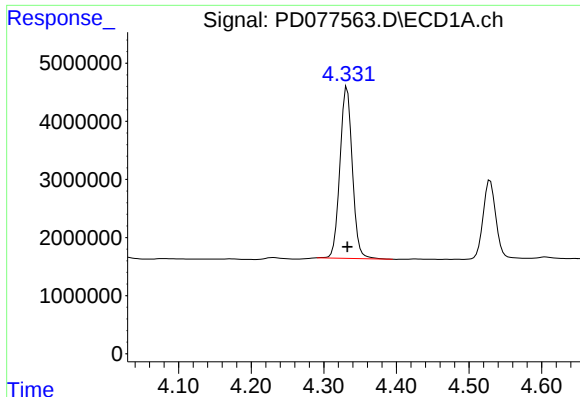
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 35758339
Conc: 8.69 ng/ml



#2 alpha-BHC

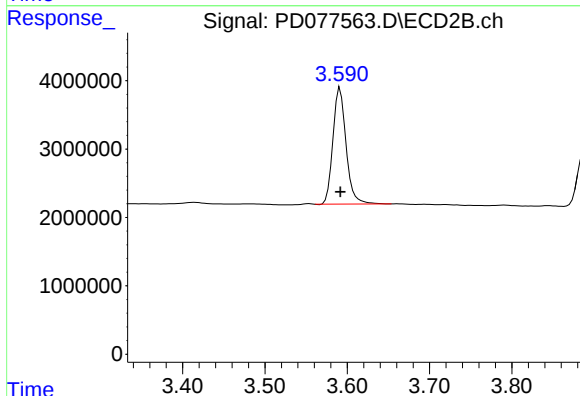
R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 20426879
Conc: 8.83 ng/ml



#3 gamma-BHC (Lindane)

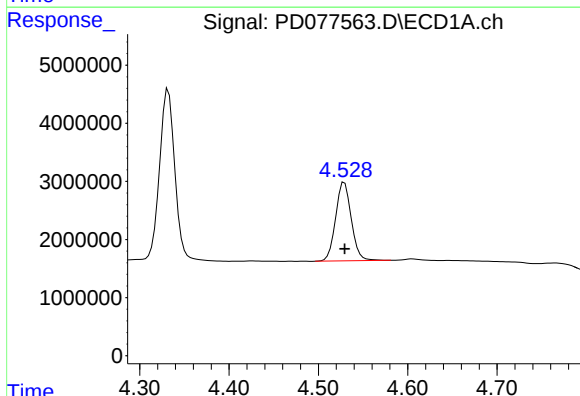
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 34933747
Conc: 8.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



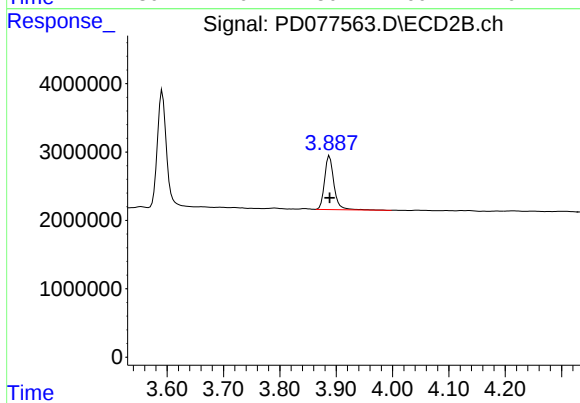
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 18858364
Conc: 8.44 ng/ml



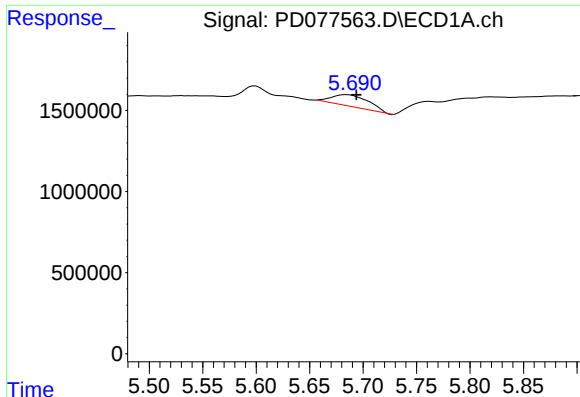
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 16491237
Conc: 10.22 ng/ml



#6 beta-BHC

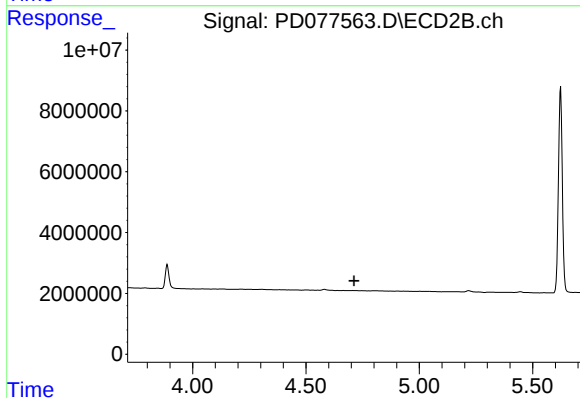
R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 9050948
Conc: 10.16 ng/ml



#8 Heptachlor epoxide

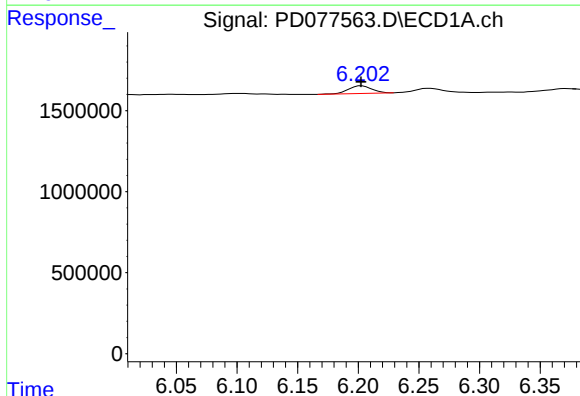
R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 1560972
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



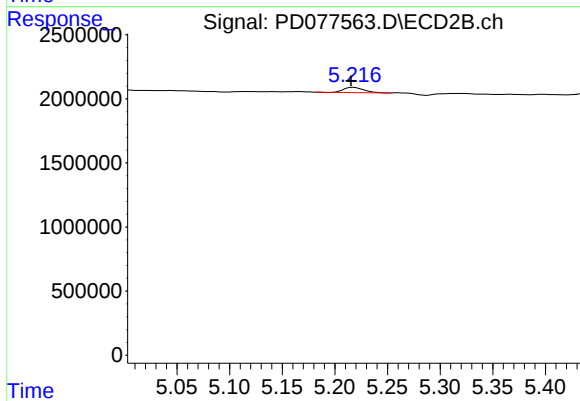
#8 Heptachlor epoxide

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



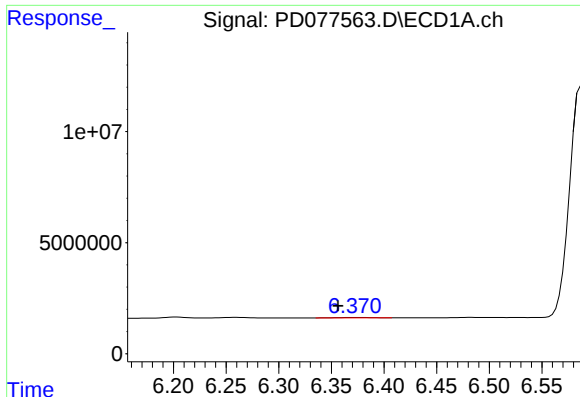
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 631412
Conc: 0.20 ng/ml



#12 4,4'-DDE

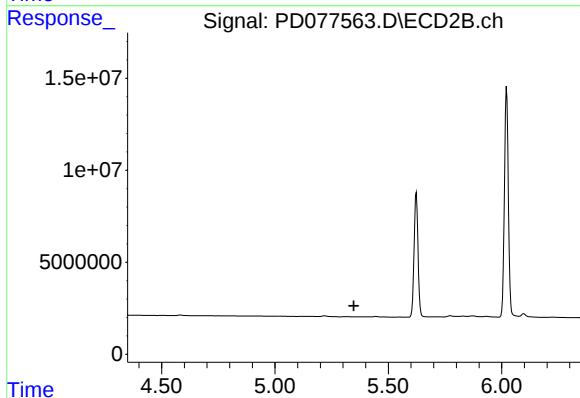
R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 548016
Conc: 0.30 ng/ml



#13 Dieldrin

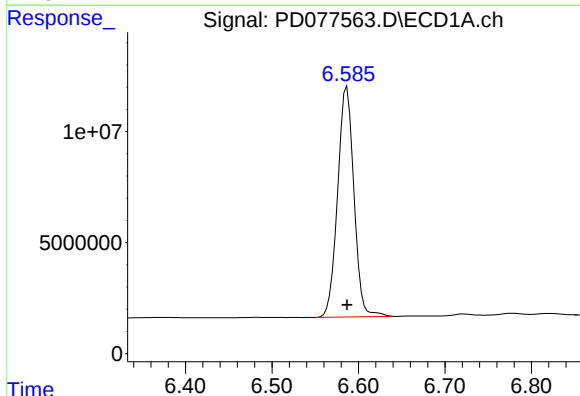
R.T.: 6.372 min
Delta R.T.: 0.016 min
Response: 406277
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



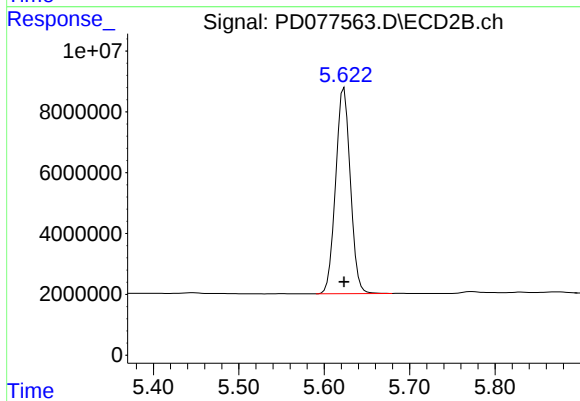
#13 Dieldrin

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



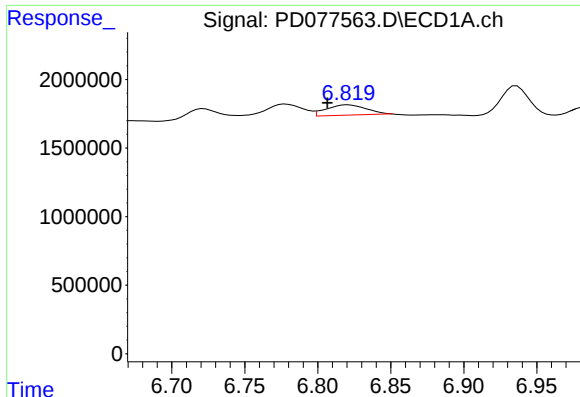
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 135116054
Conc: 44.55 ng/ml



#14 Endrin

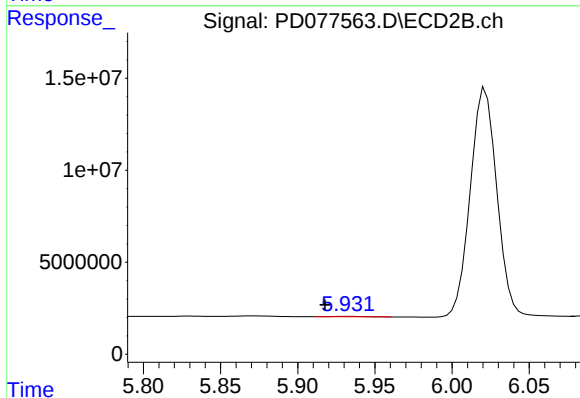
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 81026183
Conc: 44.73 ng/ml



#15 Endosulfan II

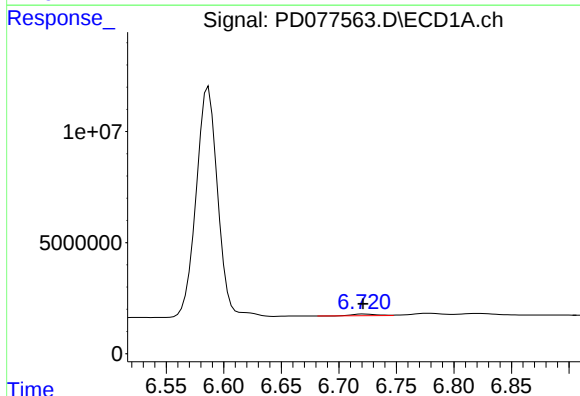
R.T.: 6.821 min
Delta R.T.: 0.014 min
Response: 1458705
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



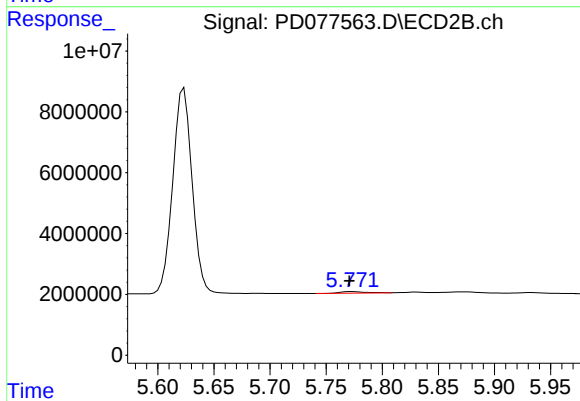
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.015 min
Response: 283680
Conc: 0.17 ng/ml



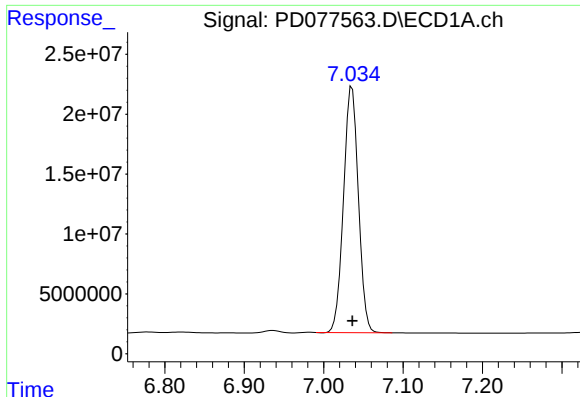
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 1119438
Conc: 0.44 ng/ml



#16 4,4'-DDD

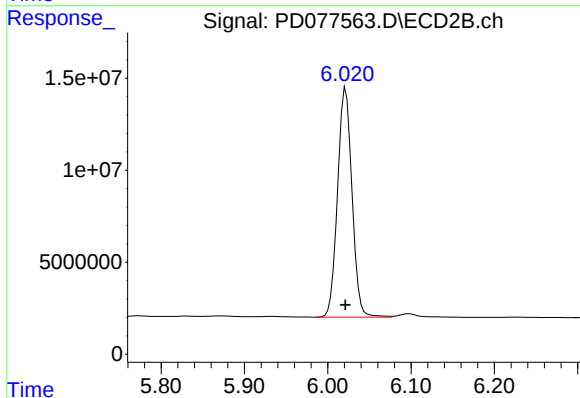
R.T.: 5.773 min
Delta R.T.: 0.002 min
Response: 812546
Conc: 0.58 ng/ml



#17 4,4'-DDT

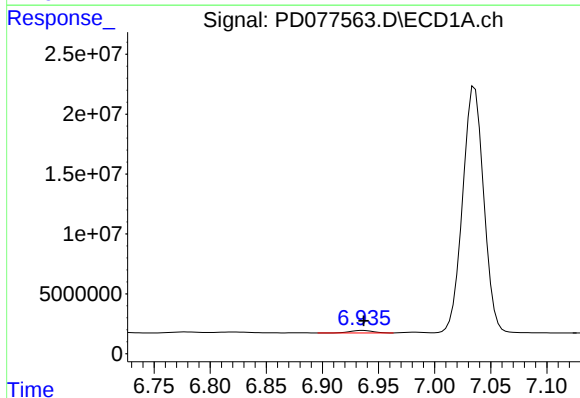
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 267593091
Conc: 102.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



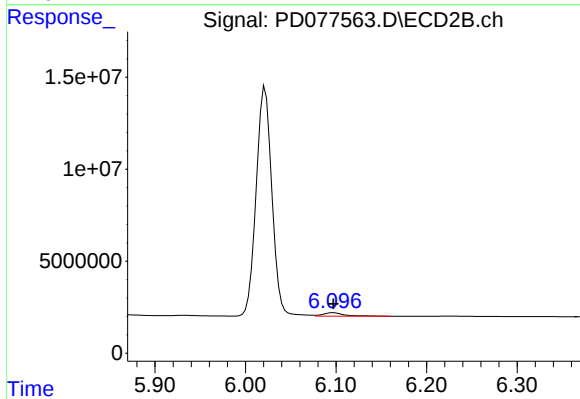
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 150588505
Conc: 106.59 ng/ml



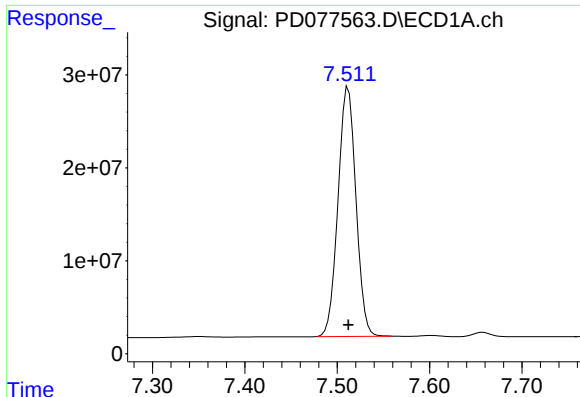
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 2771073
Conc: 1.17 ng/ml



#18 Endrin aldehyde

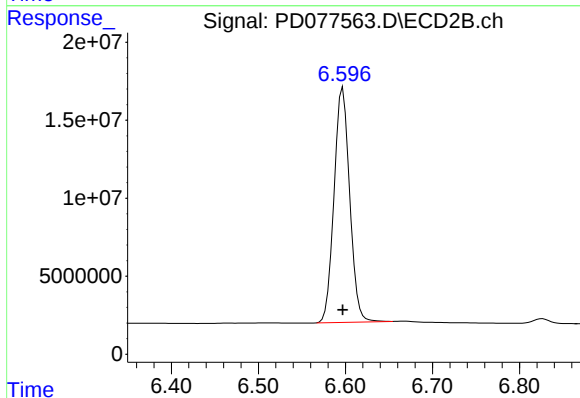
R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 3088974
Conc: 2.29 ng/ml



#20 Methoxychlor

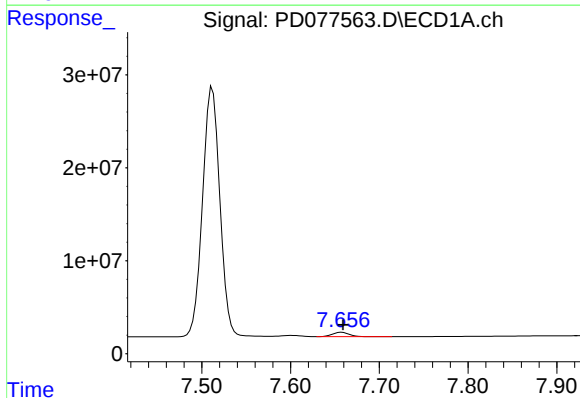
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 362221868
Conc: 234.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



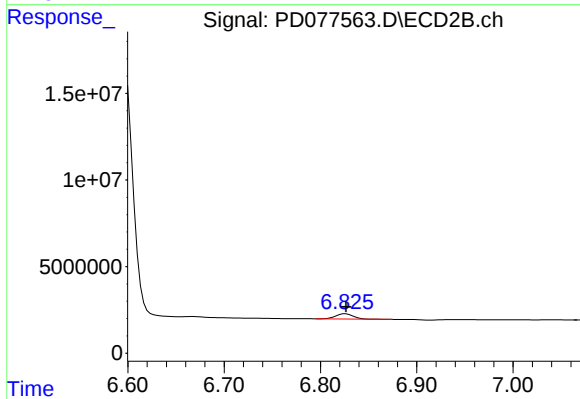
#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 188140766
Conc: 243.00 ng/ml



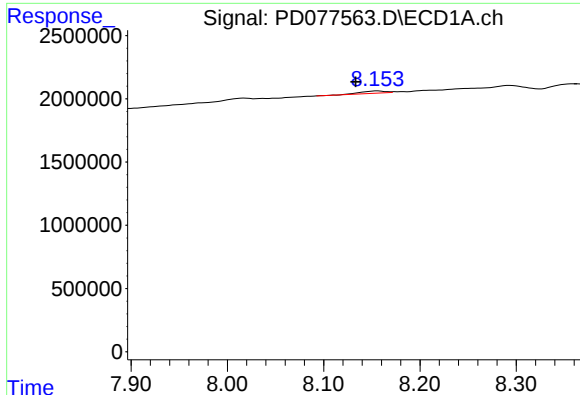
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 6203595
Conc: 1.91 ng/ml



#21 Endrin ketone

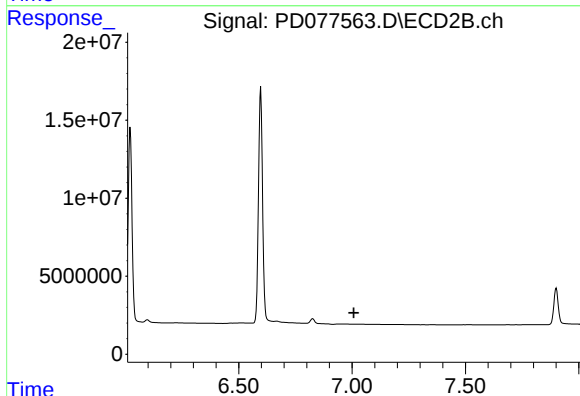
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 3844881
Conc: 2.03 ng/ml



#22 Mirex

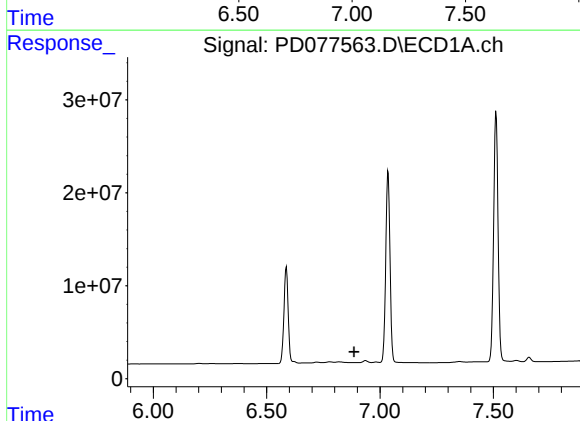
R.T.: 8.156 min
Delta R.T.: 0.023 min
Response: 316706
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



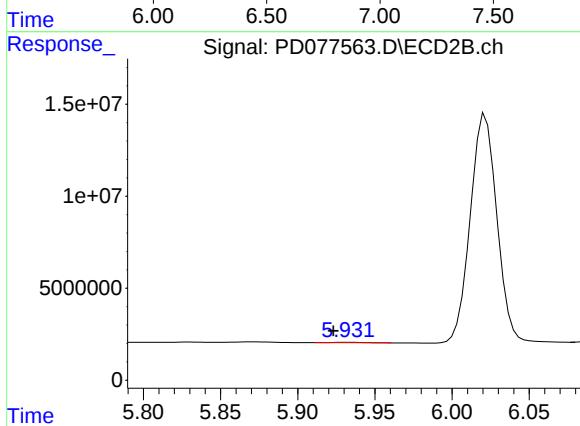
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



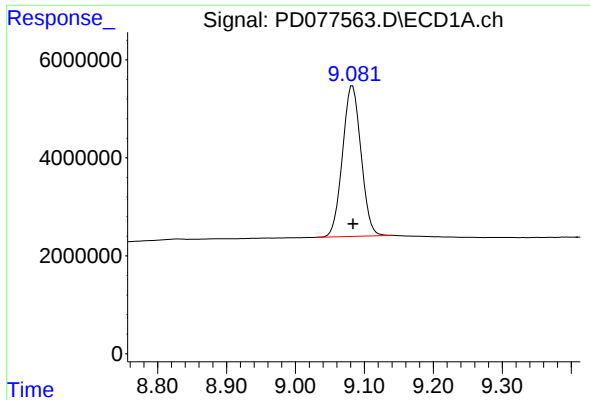
#27 Chlordane-5

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



#27 Chlordane-5

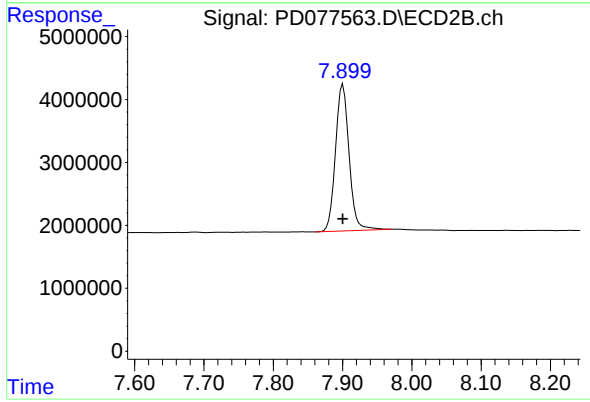
R.T.: 5.933 min
Delta R.T.: 0.010 min
Response: 283680
Conc: 4.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.001 min
Response: 57478464
Conc: 18.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 31805742
Conc: 18.43 ng/ml