

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
 Data File : PD077247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 09:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:16:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.544	2.762	46644365	26951449	19.710	19.786
28)	SA Decachlor...	9.083	7.902	56743278	27201495	20.708	19.008
Target Compounds							
2)	A alpha-BHC	4.000	3.263	36504462	18643348	9.507	9.638
3)	MA gamma-BHC...	4.333	3.593	34878033	17125083	9.476	9.205
6)	B beta-BHC	4.530	3.890	16590971	8464913	11.025	11.096
7)	B delta-BHC	4.767	0.000	1041715	0	0.299	N.D. #
8)	B Heptachlo...	5.686	0.000	1378818	0	0.416	N.D. #
9)	A Endosulfan I	6.105f	0.000	108771	0	0.036	N.D. #
12)	B 4,4'-DDE	6.204	5.219	569424	529709	0.192	0.365 #
13)	MA Dieldrin	6.379f	0.000	582424	0	0.178	N.D. #
14)	MA Endrin	6.588	5.625	123.6E6	64373953	44.489	43.995
15)	B Endosulfa...	6.826f	5.933	1574416	485297	0.495	0.329 #
16)	A 4,4'-DDD	6.722	5.773	3178615	1596742	1.351	1.436
17)	MA 4,4'-DDT	7.037	6.023	249.5E6	120.9E6	102.604	108.806
18)	B Endrin al...	6.937	6.098	3408492	2750809	1.560	2.416 #
20)	A Methoxychlor	7.513	6.598	324.1E6	128.6E6	228.725	215.071
21)	B Endrin ke...	7.658	6.827	7506792	4689559	2.492	2.958
22)	Mirex	8.158f	0.000	180384	0	0.079	N.D. #
27)	Chlordane-5	0.000	5.933	0	485297	N.D.	8.123 #

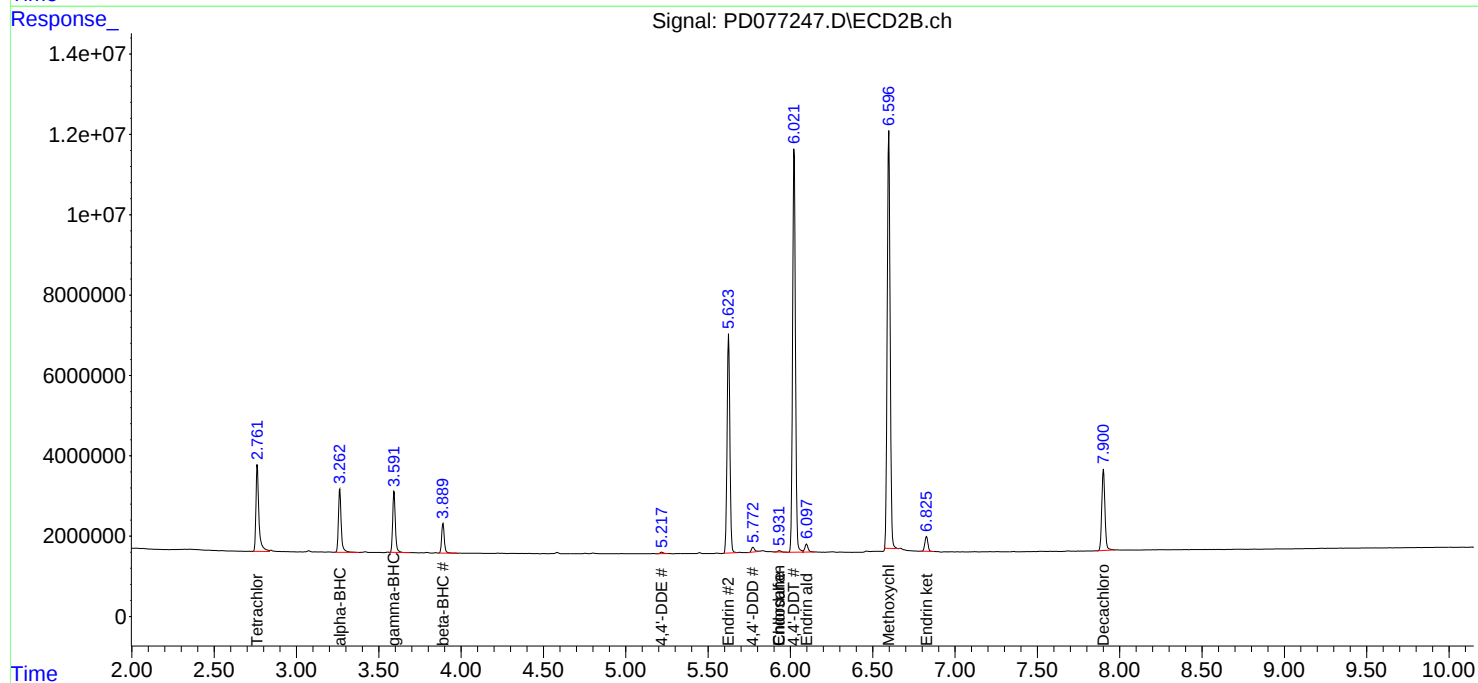
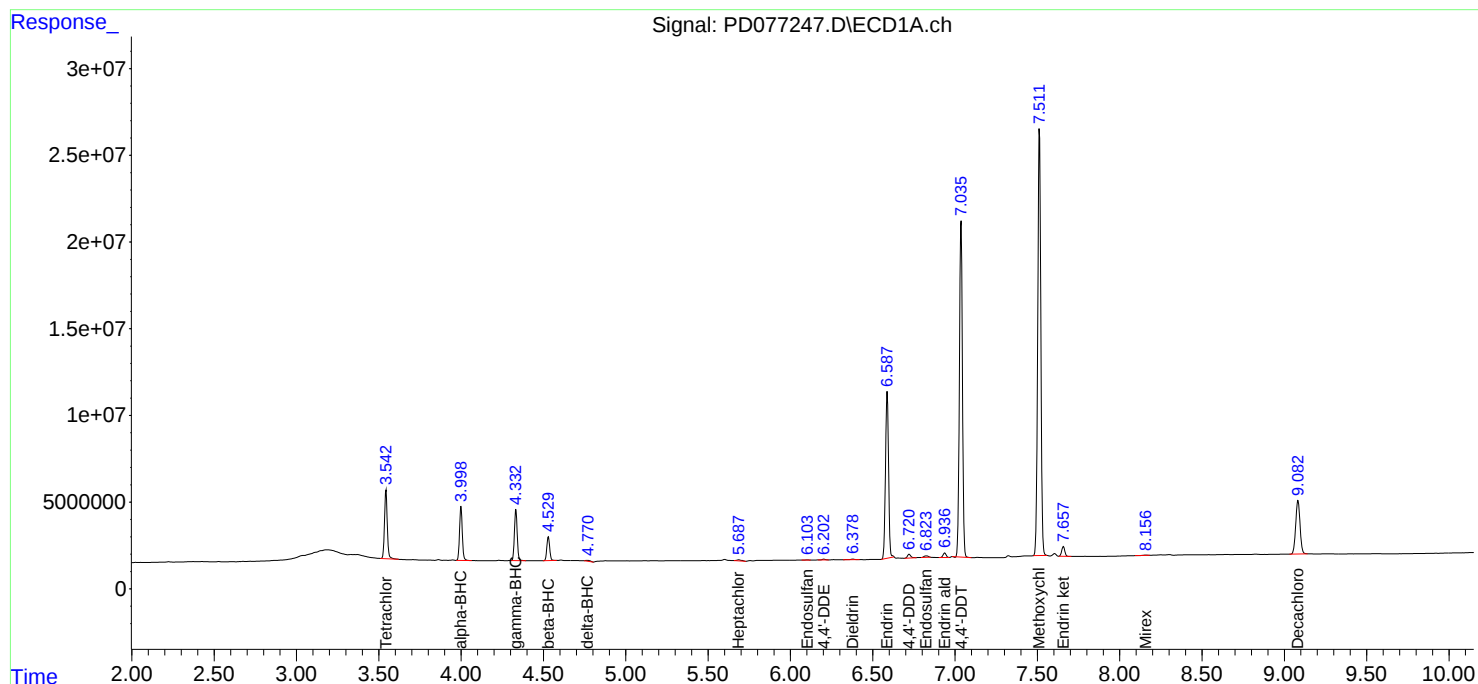
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

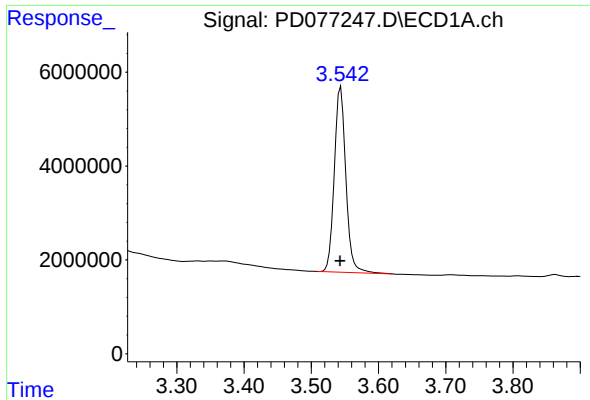
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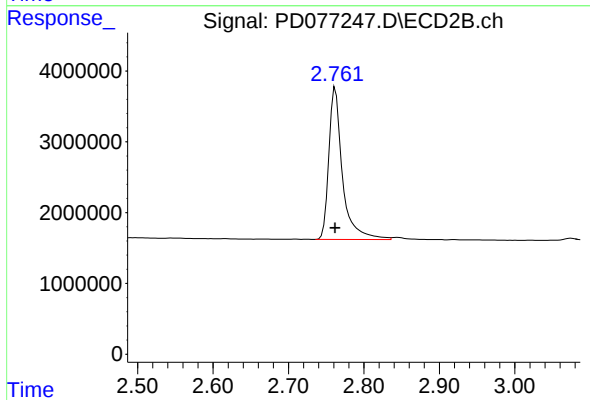




#1 Tetrachloro-m-xylene

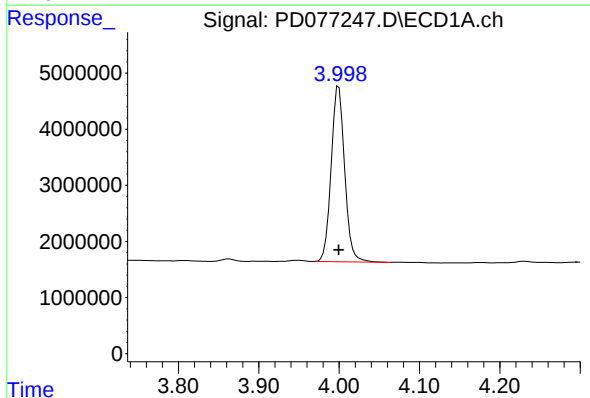
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 46644365
Conc: 19.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



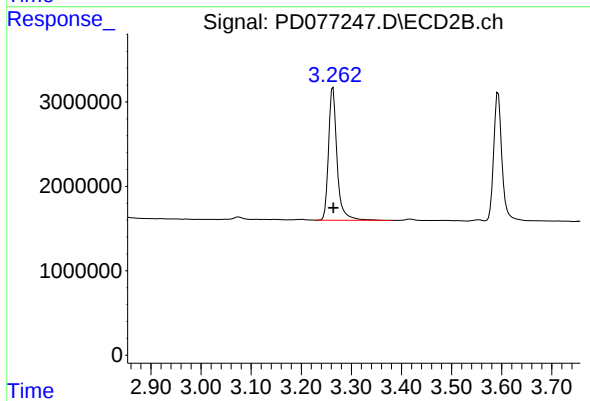
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 26951449
Conc: 19.79 ng/ml



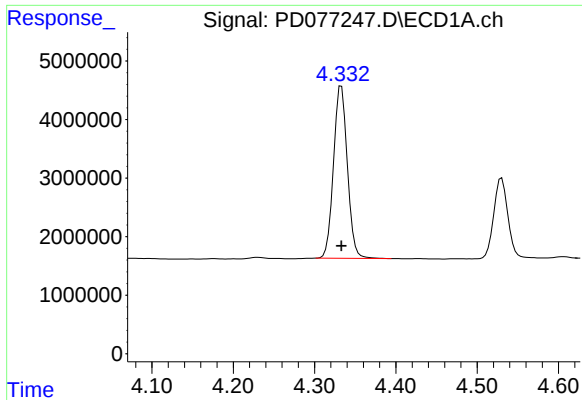
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 36504462
Conc: 9.51 ng/ml



#2 alpha-BHC

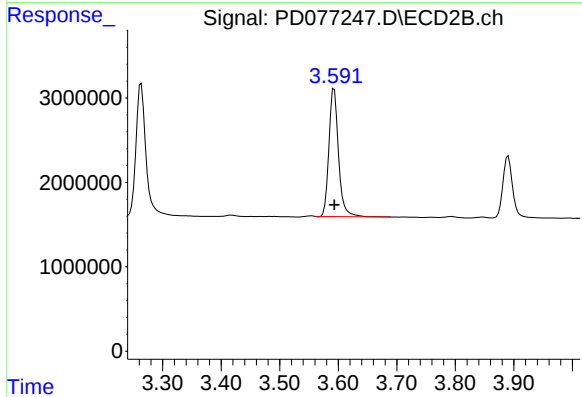
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 18643348
Conc: 9.64 ng/ml



#3 gamma-BHC (Lindane)

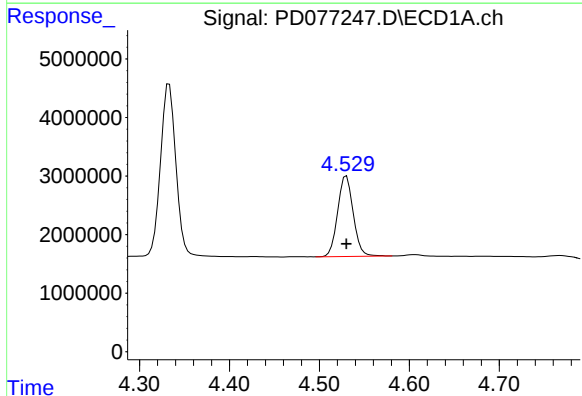
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 34878033
Conc: 9.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



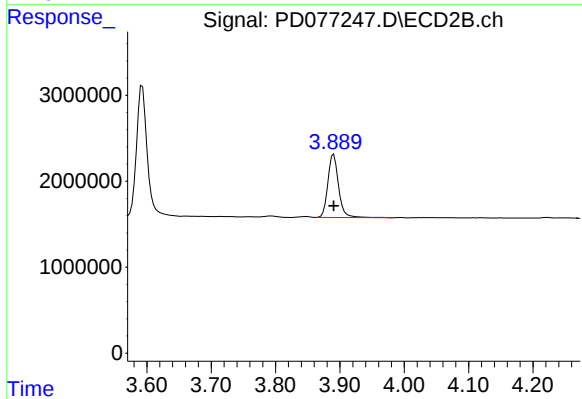
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 17125083
Conc: 9.21 ng/ml



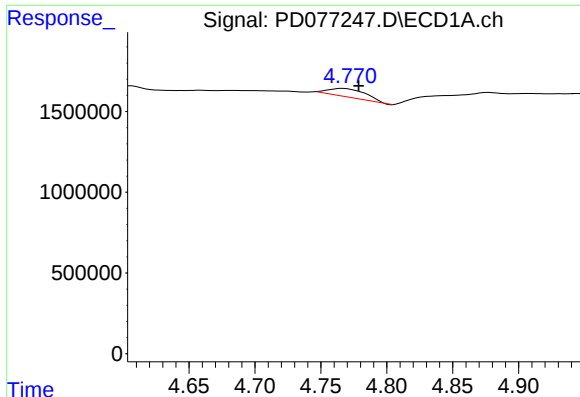
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 16590971
Conc: 11.03 ng/ml



#6 beta-BHC

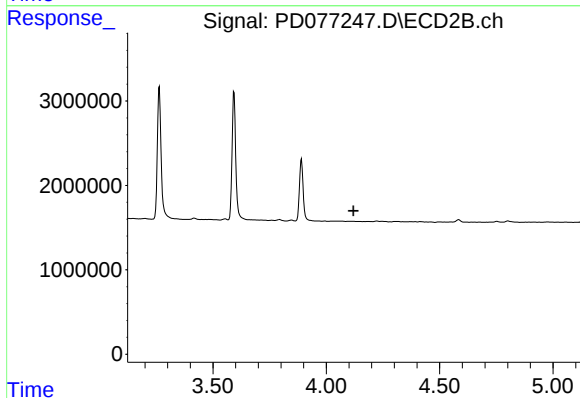
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 8464913
Conc: 11.10 ng/ml



#7 delta-BHC

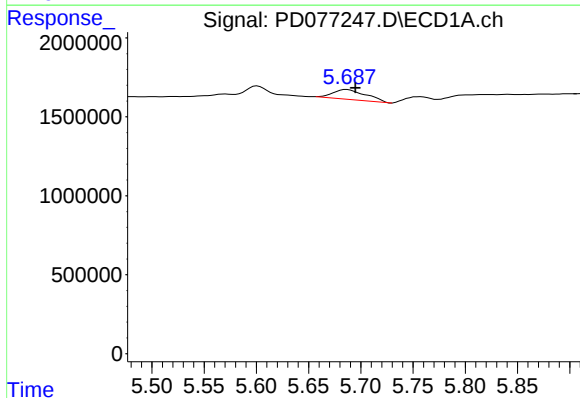
R.T.: 4.767 min
Delta R.T.: -0.012 min
Response: 1041715
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



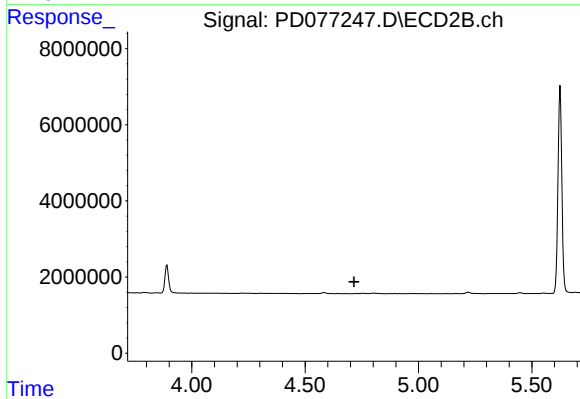
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.120 min
Response: 0
Conc: N.D.



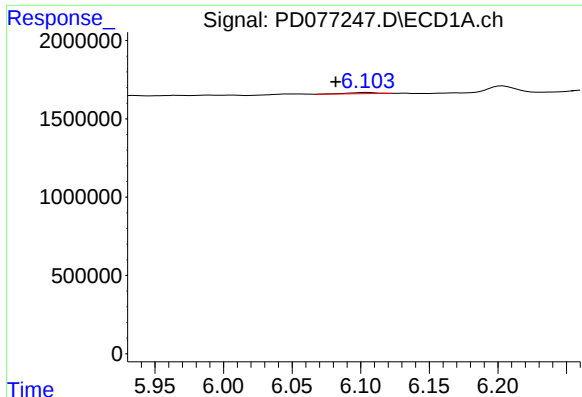
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 1378818
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

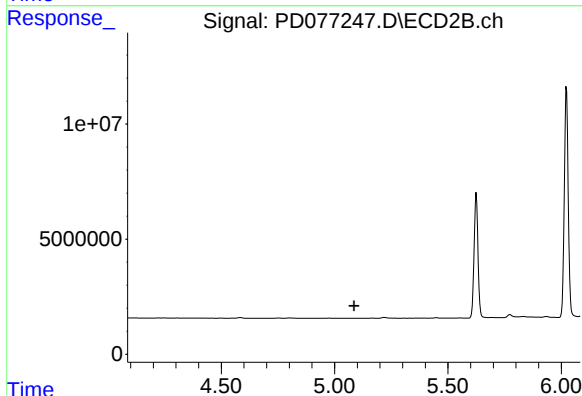
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#9 Endosulfan I

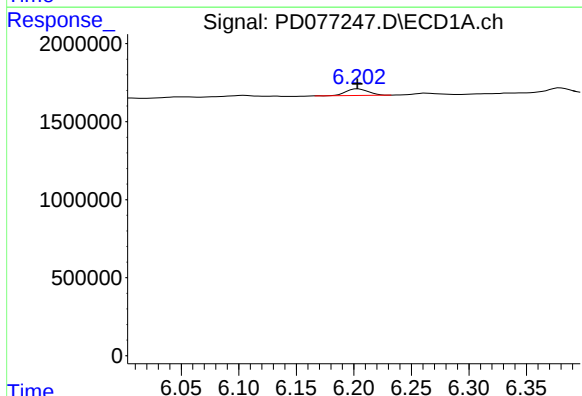
R.T.: 6.105 min
Delta R.T.: 0.023 min
Response: 108771
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



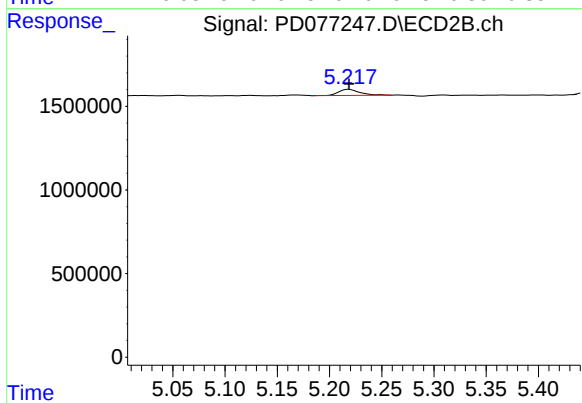
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



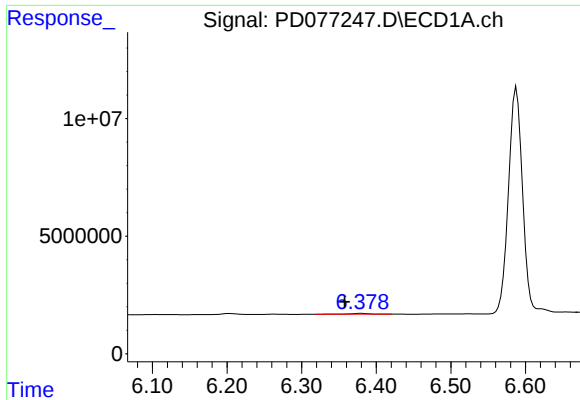
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 569424
Conc: 0.19 ng/ml



#12 4,4'-DDE

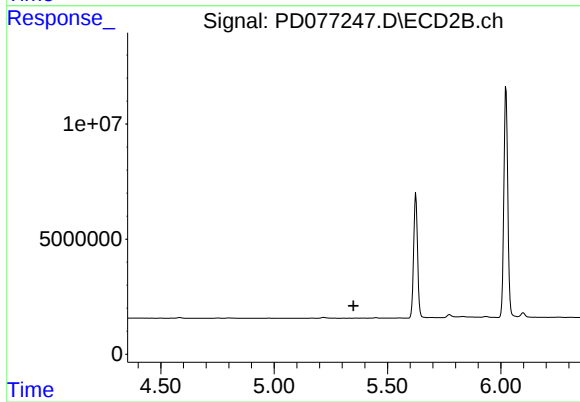
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 529709
Conc: 0.37 ng/ml



#13 Dieldrin

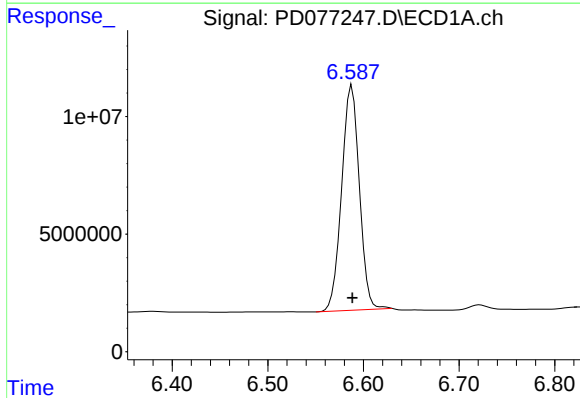
R.T.: 6.379 min
Delta R.T.: 0.022 min
Response: 582424
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



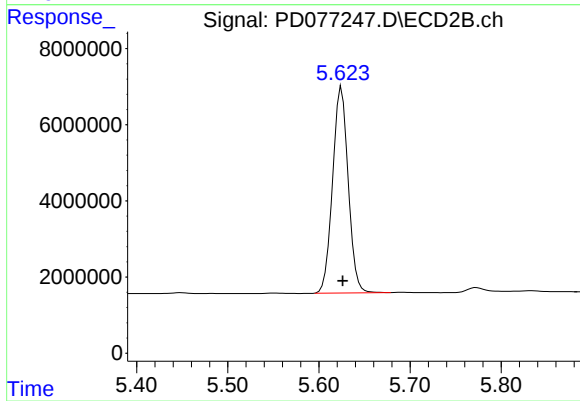
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



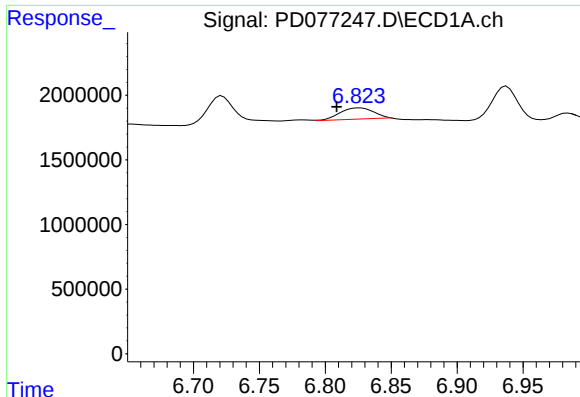
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 123621670
Conc: 44.49 ng/ml



#14 Endrin

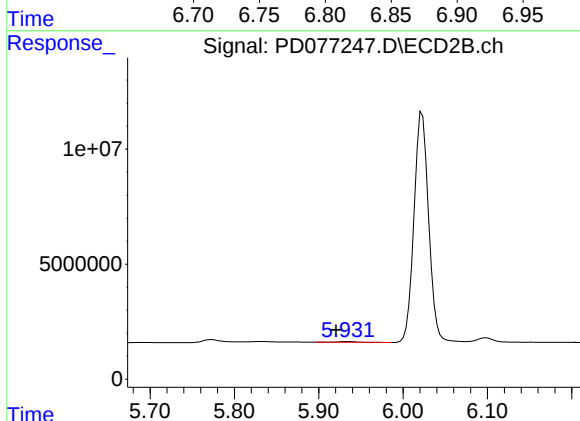
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 64373953
Conc: 43.99 ng/ml



#15 Endosulfan II

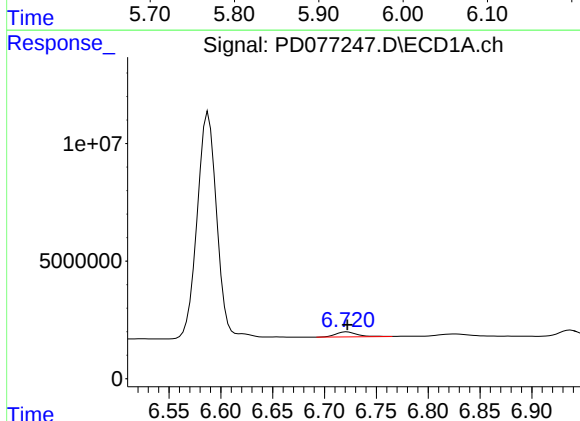
R.T.: 6.826 min
Delta R.T.: 0.018 min
Response: 1574416
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



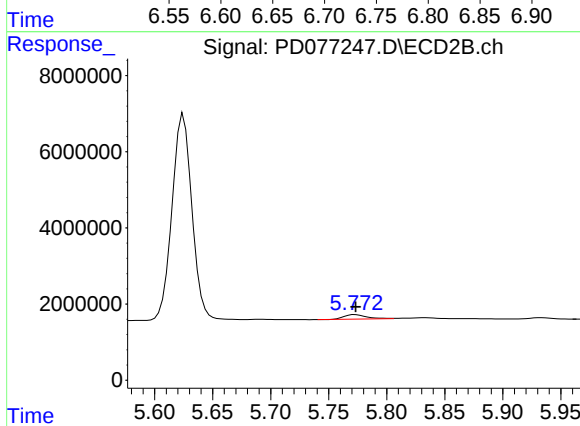
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.013 min
Response: 485297
Conc: 0.33 ng/ml



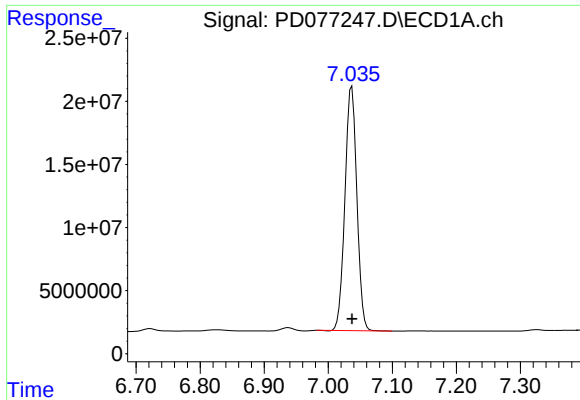
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 3178615
Conc: 1.35 ng/ml



#16 4,4'-DDD

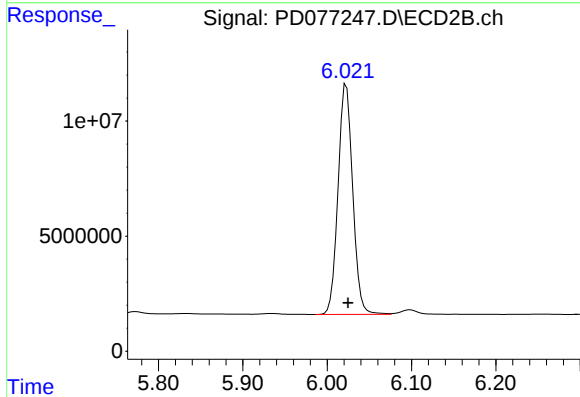
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 1596742
Conc: 1.44 ng/ml



#17 4,4'-DDT

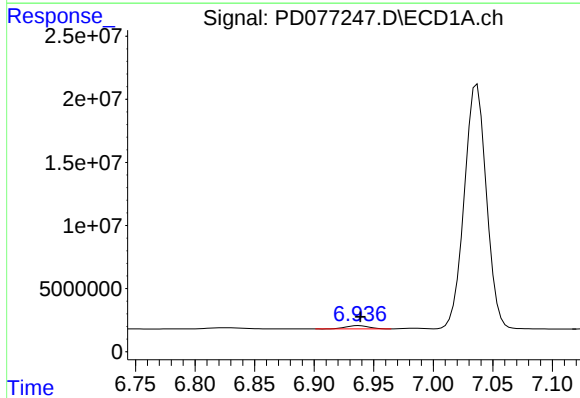
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 249495199
Conc: 102.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



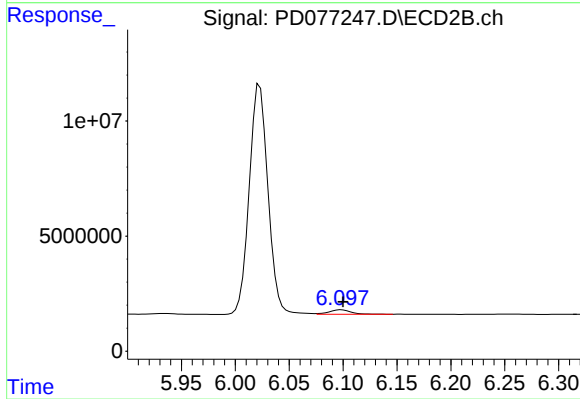
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 120946837
Conc: 108.81 ng/ml



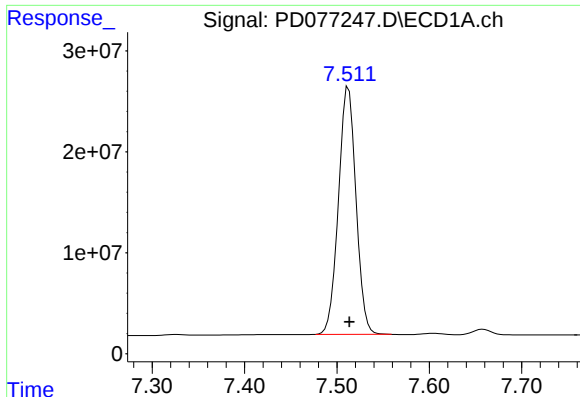
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.001 min
Response: 3408492
Conc: 1.56 ng/ml



#18 Endrin aldehyde

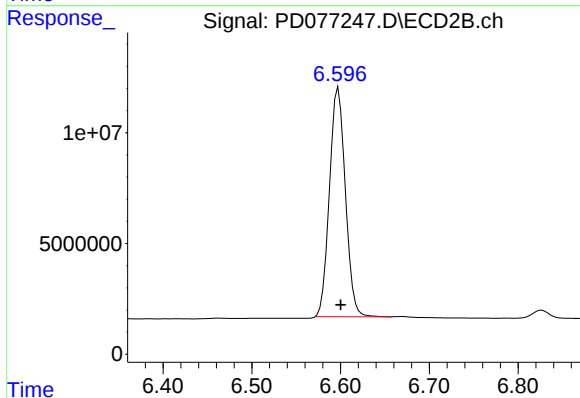
R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 2750809
Conc: 2.42 ng/ml



#20 Methoxychlor

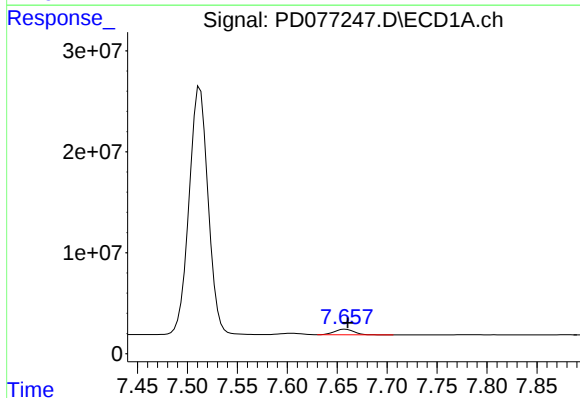
R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 324073995
Conc: 228.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



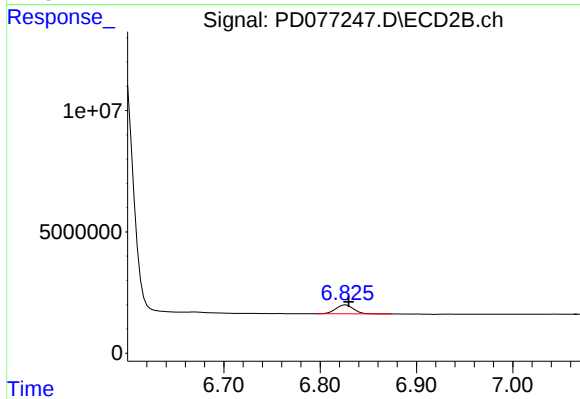
#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.003 min
Response: 128599175
Conc: 215.07 ng/ml



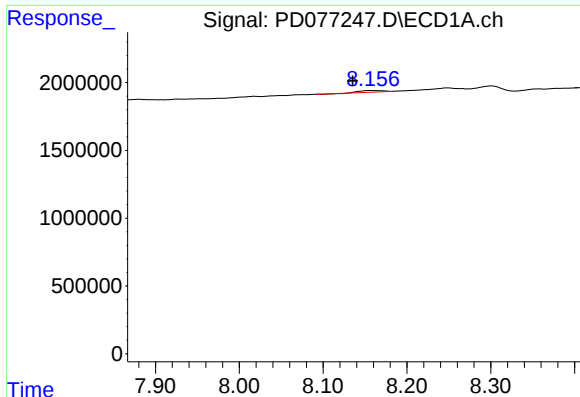
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 7506792
Conc: 2.49 ng/ml



#21 Endrin ketone

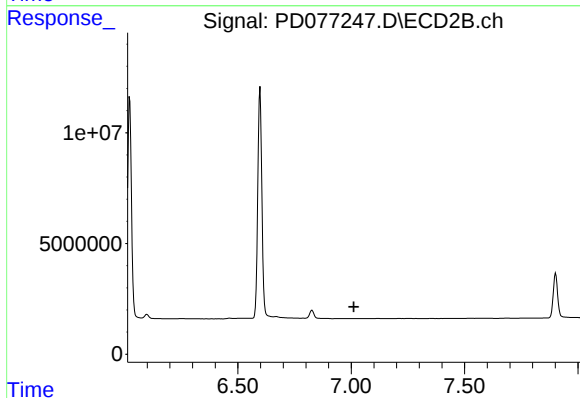
R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 4689559
Conc: 2.96 ng/ml



#22 Mirex

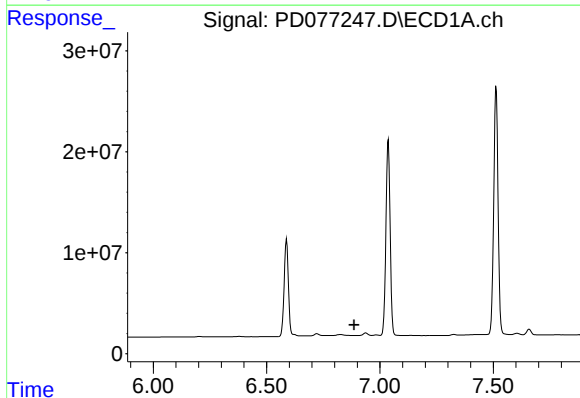
R.T.: 8.158 min
Delta R.T.: 0.023 min
Response: 180384
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



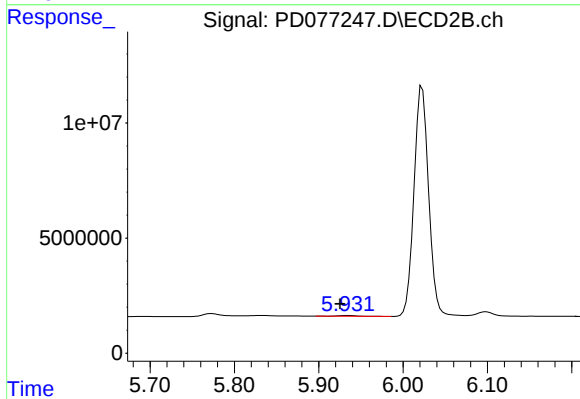
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.011 min
Response: 0
Conc: N.D.



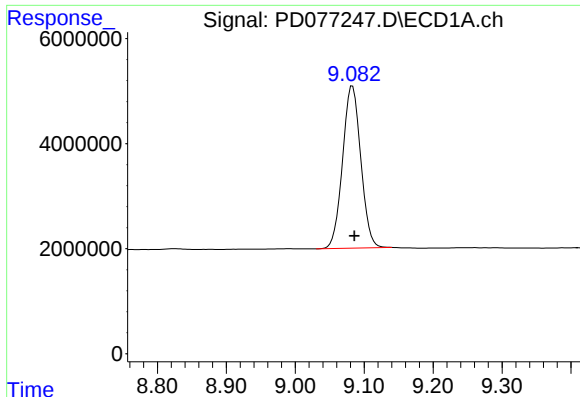
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



#27 Chlordane-5

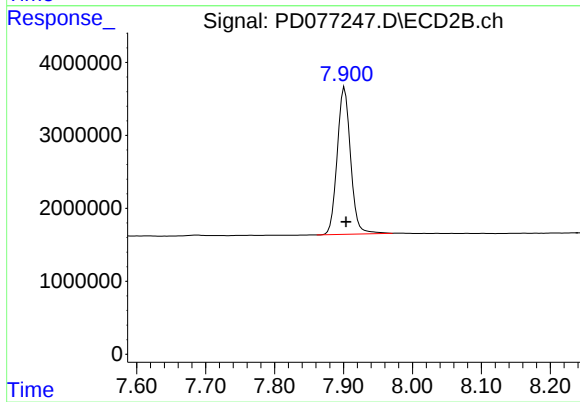
R.T.: 5.933 min
Delta R.T.: 0.008 min
Response: 485297
Conc: 8.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 56743278
Conc: 20.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 27201495
Conc: 19.01 ng/ml