

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080423\
 Data File : PD077004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2023 08:20
 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 05 00:32:59 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	47725979	26854354	20.167	19.715
28)	SA Decachlor...	9.086	7.904	55870449	28235568	20.389	19.730
Target Compounds							
2)	A alpha-BHC	4.000	3.264	37097923	18707991	9.662	9.671
3)	MA gamma-BHC...	4.334	3.594	35469774	17203259	9.637	9.247
6)	B beta-BHC	4.531	3.891	16540372	8600384	10.991	11.273
7)	B delta-BHC	4.768	0.000	1116034	0	0.320	N.D. #
8)	B Heptachlo...	5.690	0.000	1651342	0	0.499	N.D. #
12)	B 4,4'-DDE	6.206	5.221	469379	914879	0.158	0.631 #
13)	MA Dieldrin	6.382f	0.000	348055	0	0.106	N.D. #
14)	MA Endrin	6.590	5.626	129.8E6	67507798	46.713	46.136
15)	B Endosulfa...	6.824f	5.937f	1291064	402974	0.406	0.273 #
16)	A 4,4'-DDD	6.725	5.776	1285348	748887	0.546	0.673
17)	MA 4,4'-DDT	7.038	6.025	262.8E6	127.7E6	108.071	114.905
18)	B Endrin al...	6.939	6.101	2989382	2955550	1.368	2.596 #
20)	A Methoxychlor	7.515	6.600	351.1E6	147.1E6	247.829	245.946
21)	B Endrin ke...	7.661	6.829	6538545	3820863	2.171	2.410
27)	Chlordane-5	0.000	5.937	0	402974	N.D.	6.745 #

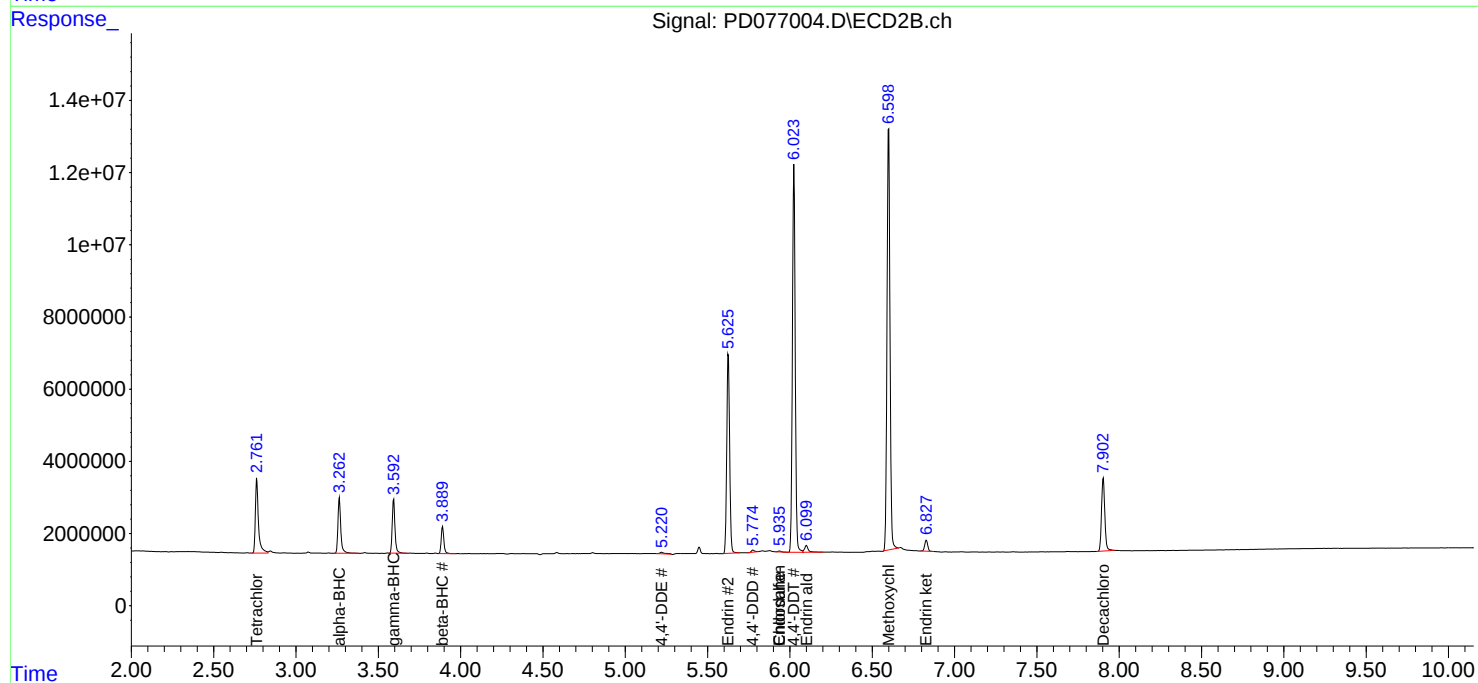
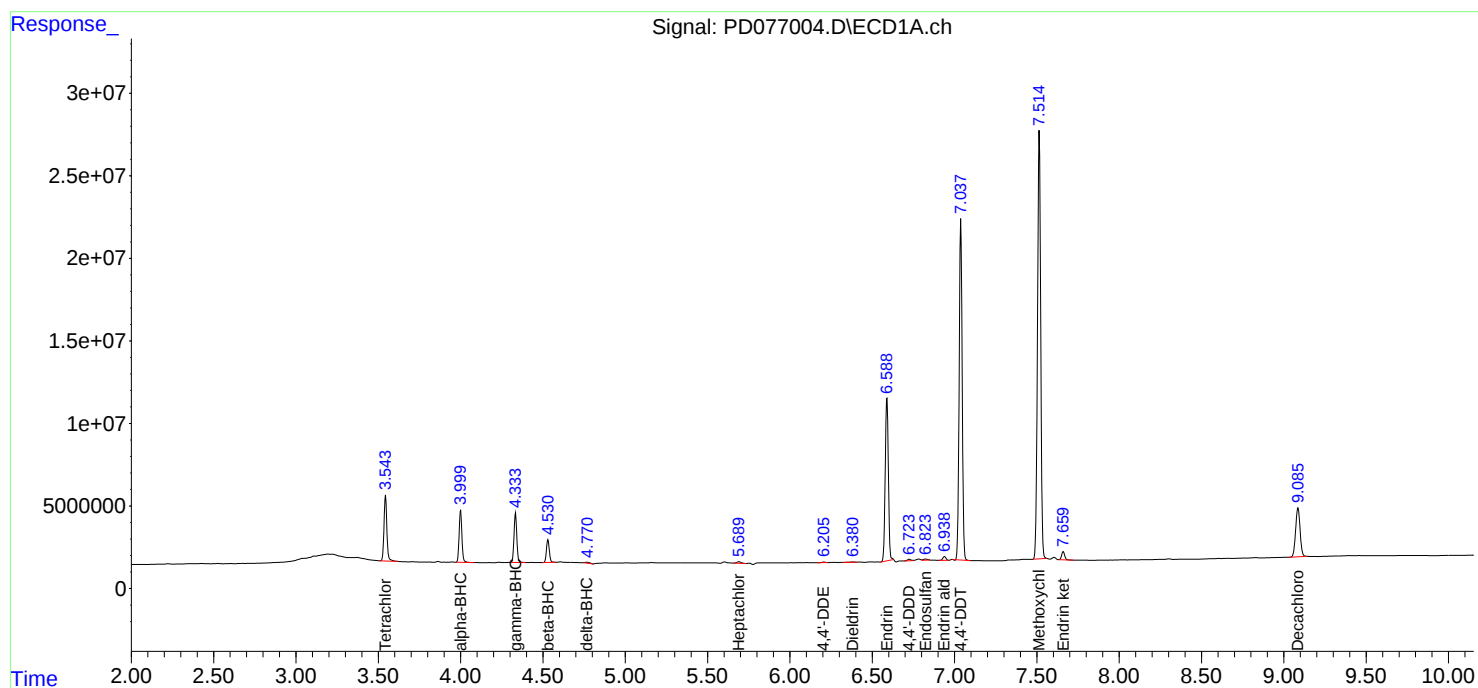
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

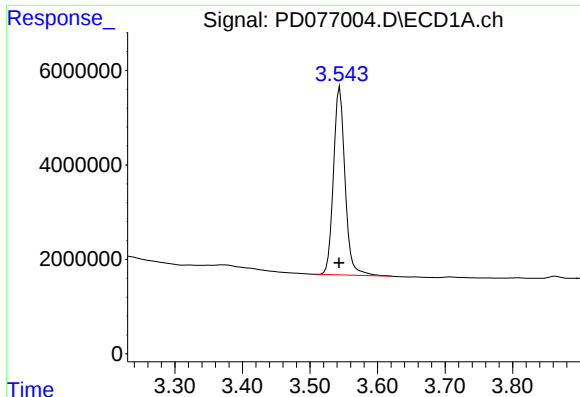
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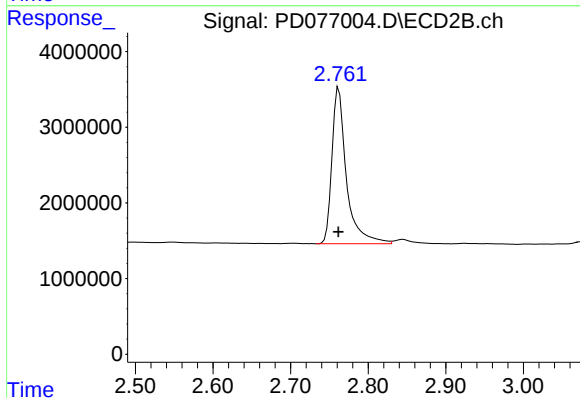




#1 Tetrachloro-m-xylene

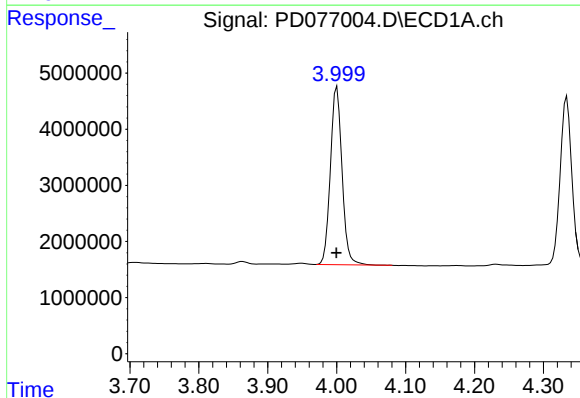
R.T.: 3.544 min
Delta R.T.: 0.001 min
Response: 47725979
Conc: 20.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



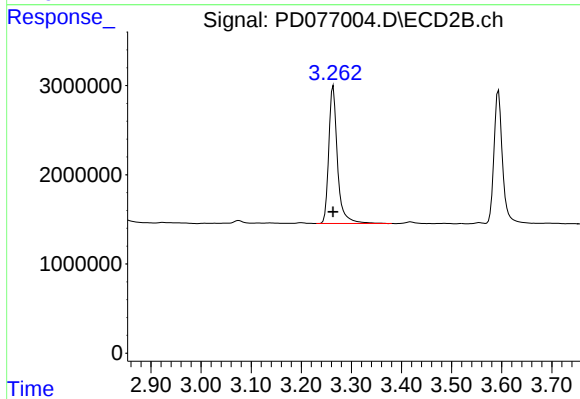
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 26854354
Conc: 19.72 ng/ml



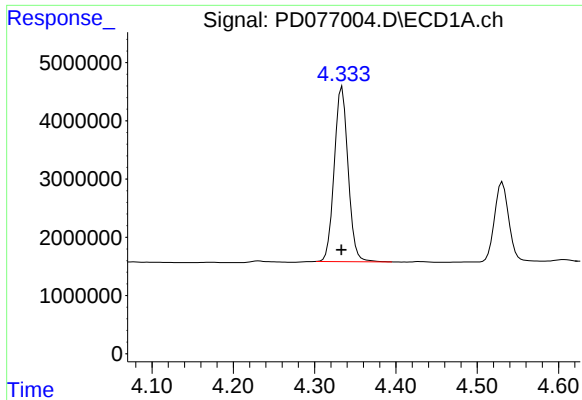
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 37097923
Conc: 9.66 ng/ml



#2 alpha-BHC

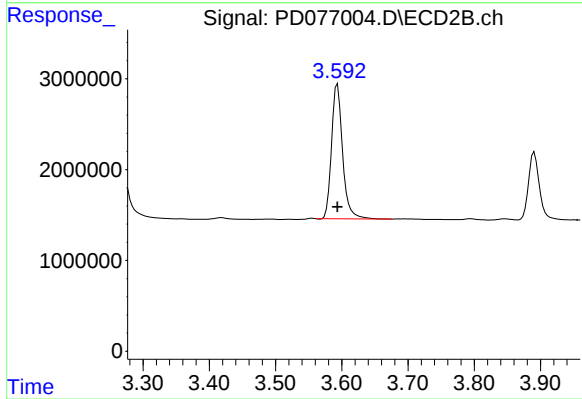
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 18707991
Conc: 9.67 ng/ml



#3 gamma-BHC (Lindane)

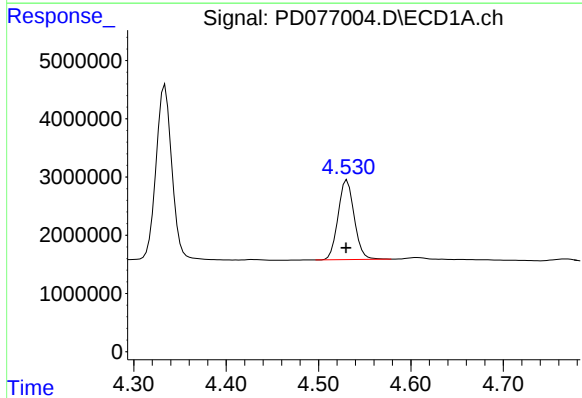
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 35469774
Conc: 9.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



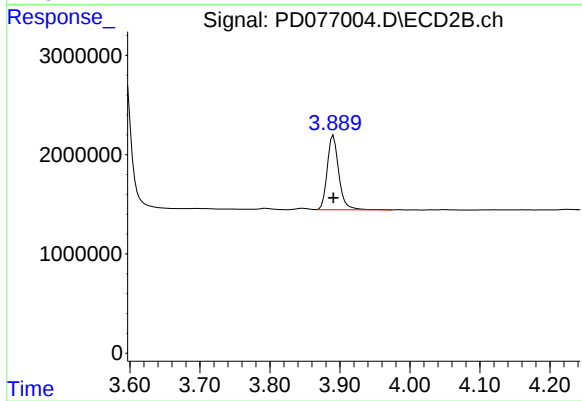
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 17203259
Conc: 9.25 ng/ml



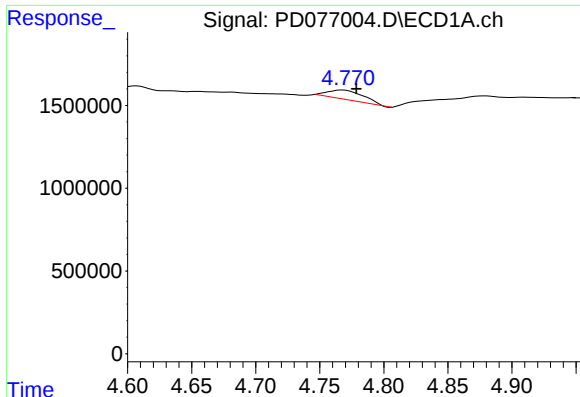
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 16540372
Conc: 10.99 ng/ml



#6 beta-BHC

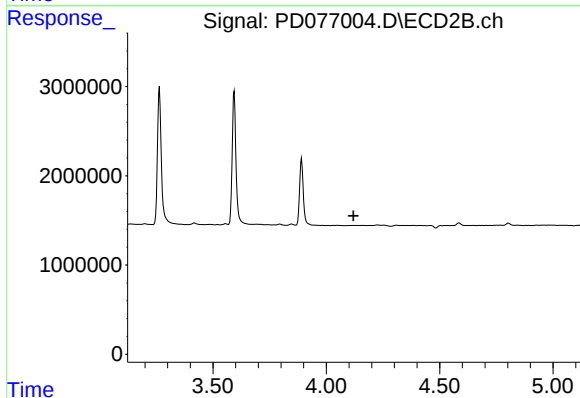
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 8600384
Conc: 11.27 ng/ml



#7 delta-BHC

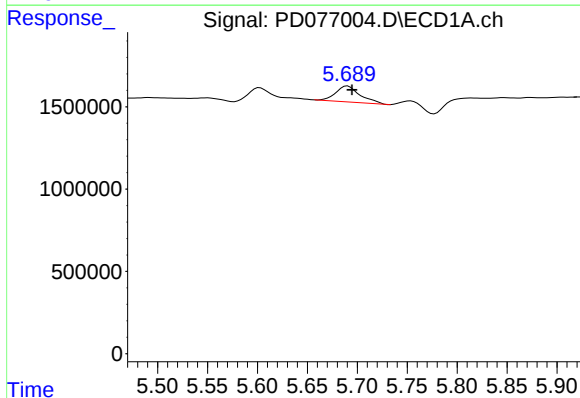
R.T.: 4.768 min
Delta R.T.: -0.011 min
Response: 1116034
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



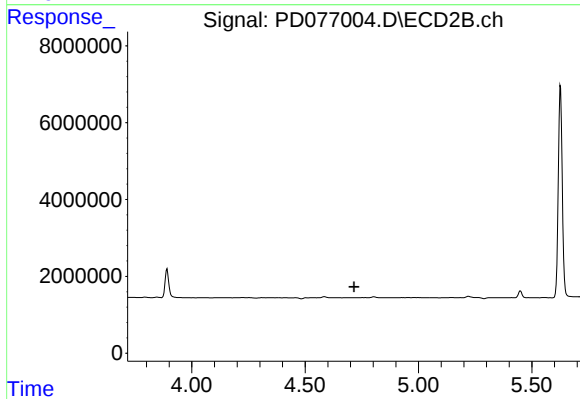
#7 delta-BHC

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



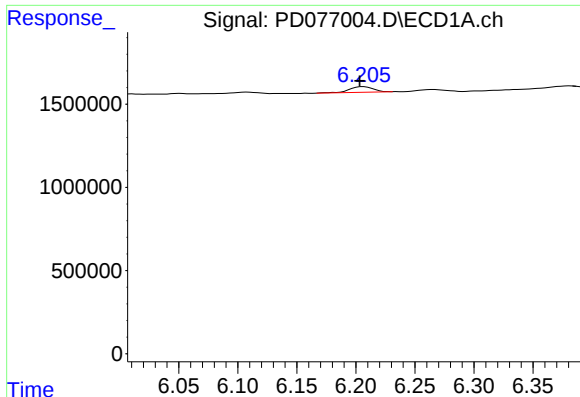
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 1651342
Conc: 0.50 ng/ml



#8 Heptachlor epoxide

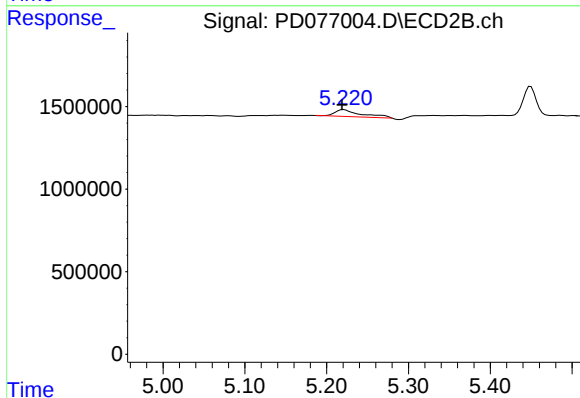
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

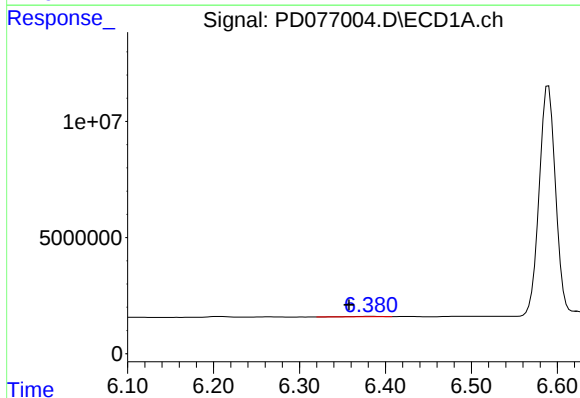
R.T.: 6.206 min
Delta R.T.: 0.003 min
Response: 469379
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



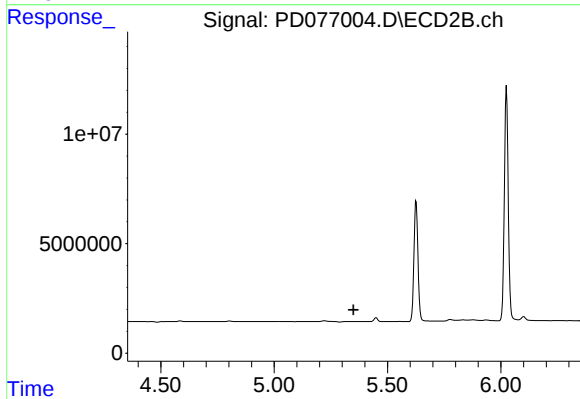
#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 914879
Conc: 0.63 ng/ml



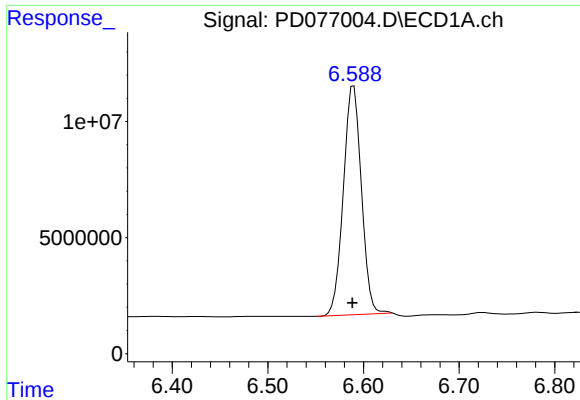
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.024 min
Response: 348055
Conc: 0.11 ng/ml



#13 Dieldrin

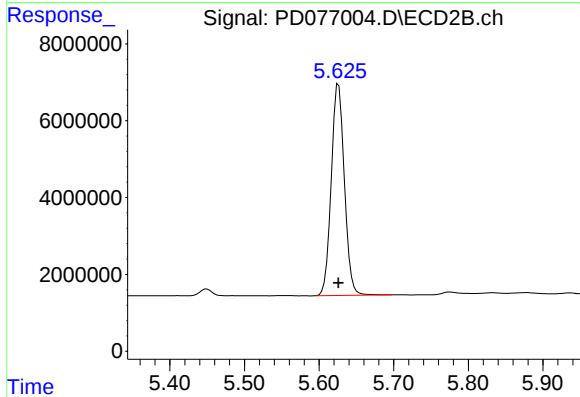
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#14 Endrin

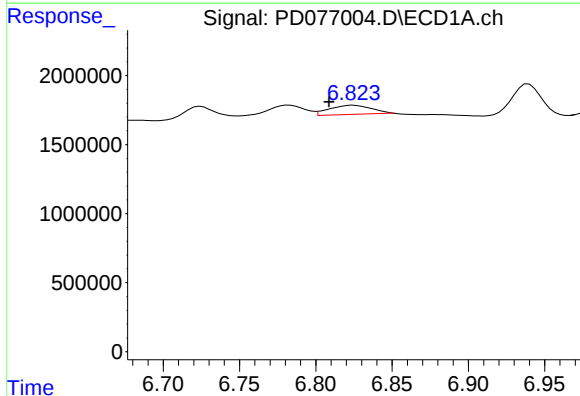
R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 129800954
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



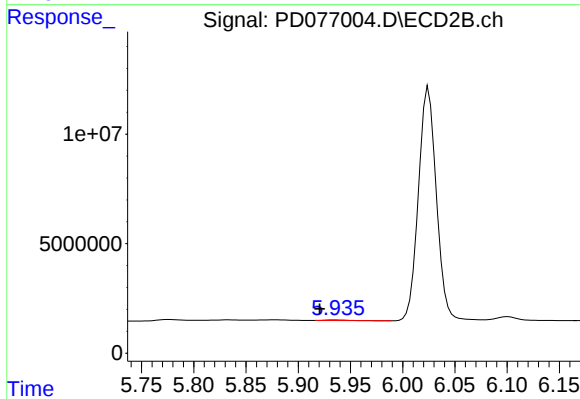
#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 67507798
Conc: 46.14 ng/ml



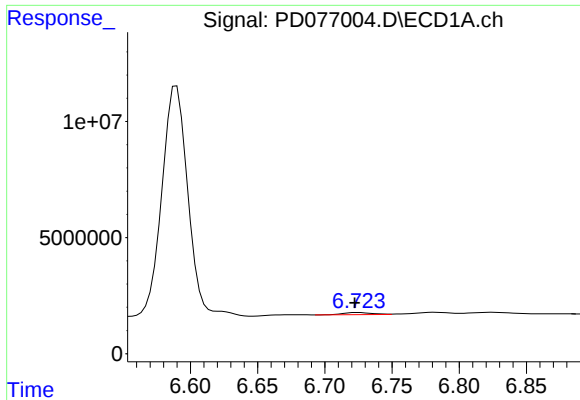
#15 Endosulfan II

R.T.: 6.824 min
Delta R.T.: 0.016 min
Response: 1291064
Conc: 0.41 ng/ml



#15 Endosulfan II

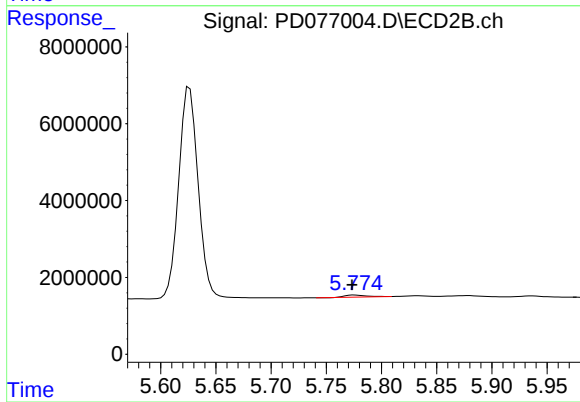
R.T.: 5.937 min
Delta R.T.: 0.016 min
Response: 402974
Conc: 0.27 ng/ml



#16 4,4'-DDD

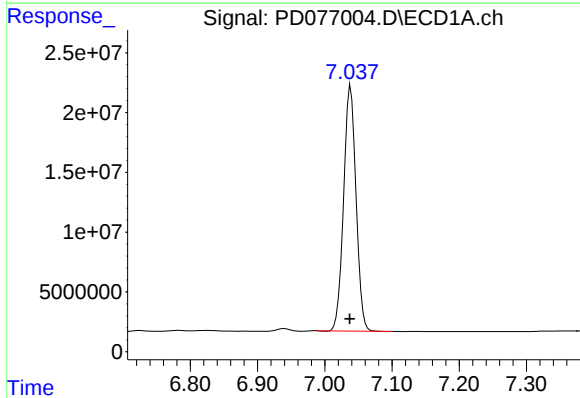
R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 1285348
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



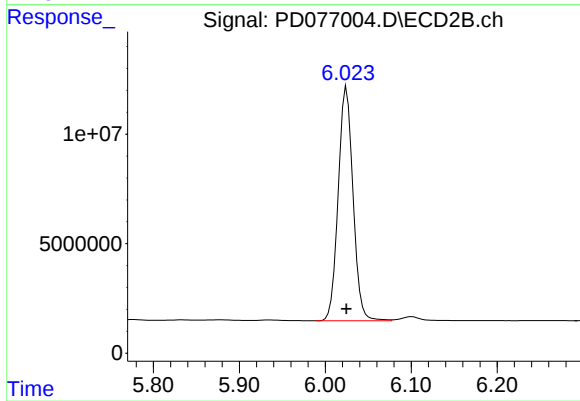
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 748887
Conc: 0.67 ng/ml



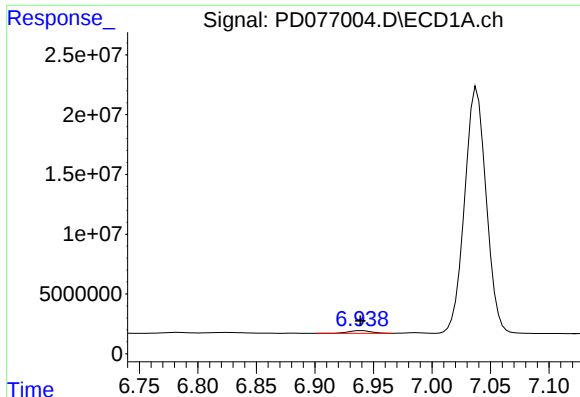
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 262787537
Conc: 108.07 ng/ml



#17 4,4'-DDT

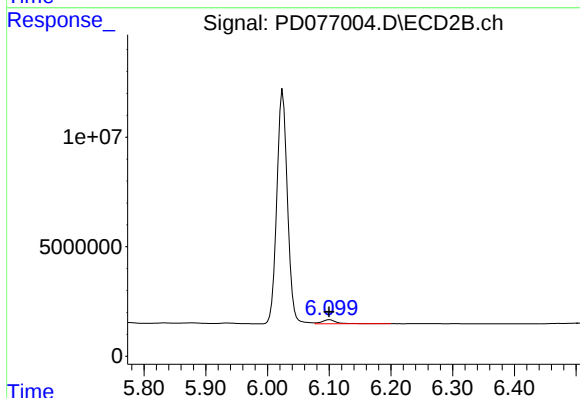
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 127726020
Conc: 114.90 ng/ml



#18 Endrin aldehyde

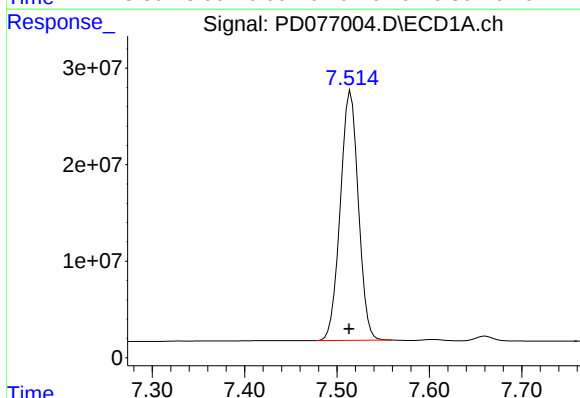
R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 2989382
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



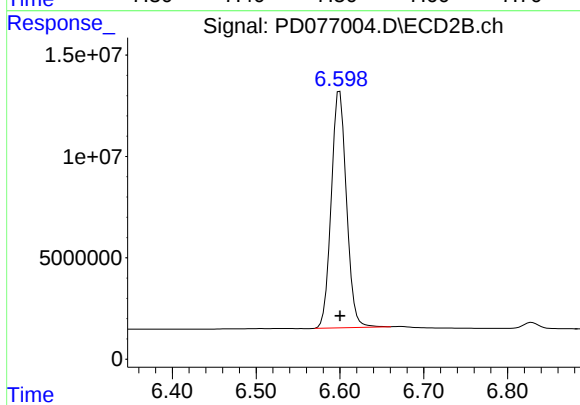
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 2955550
Conc: 2.60 ng/ml



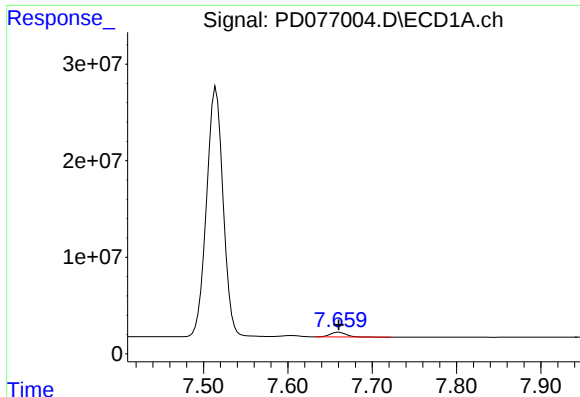
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 351141420
Conc: 247.83 ng/ml



#20 Methoxychlor

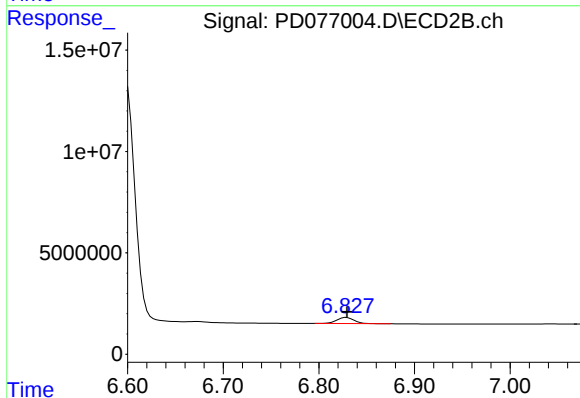
R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 147060373
Conc: 245.95 ng/ml



#21 Endrin ketone

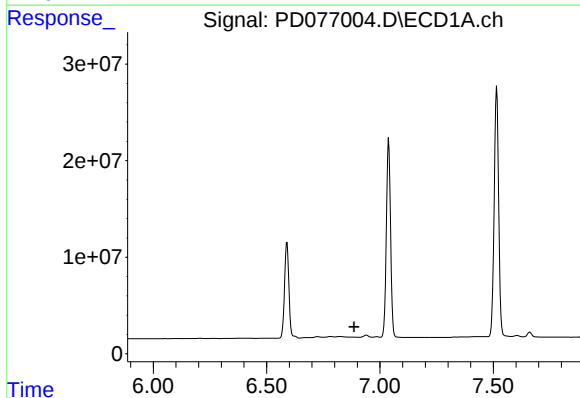
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 6538545
Conc: 2.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



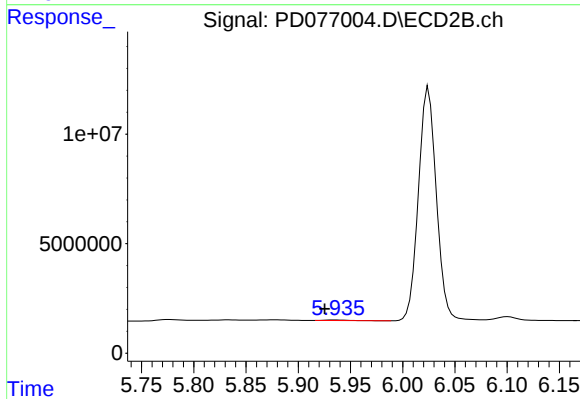
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 3820863
Conc: 2.41 ng/ml



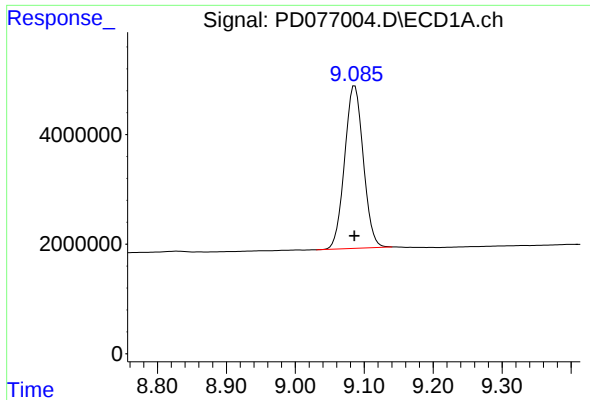
#27 Chlordane-5

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



#27 Chlordane-5

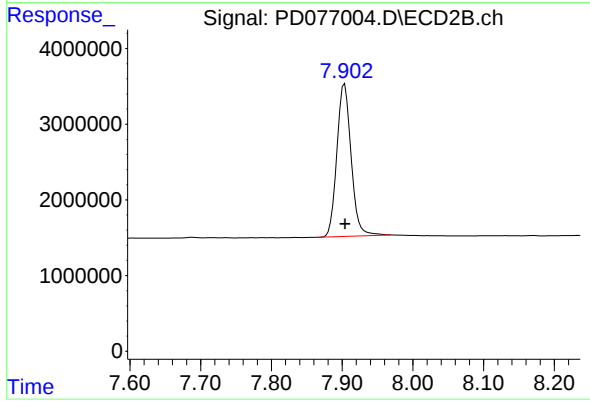
R.T.: 5.937 min
Delta R.T.: 0.011 min
Response: 402974
Conc: 6.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 55870449
Conc: 20.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 28235568
Conc: 19.73 ng/ml