

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082423\
 Data File : PD077361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 09:11
 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 25 01:11:09 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	51486798	30082931	21.757	22.085
28)	SA Decachlor...	9.086	7.902	59610943	29258821	21.754	20.445
Target Compounds							
2)	A alpha-BHC	4.001	3.263	39875439	20617649	10.385	10.659
3)	MA gamma-BHC...	4.334	3.593	38145126	18948274	10.363	10.185
6)	B beta-BHC	4.531	3.890	17816950	9288700	11.840	12.175
7)	B delta-BHC	4.769	0.000	1057594	0	0.303	N.D. #
8)	B Heptachlo...	5.689	0.000	1979263	0	0.598	N.D. #
9)	A Endosulfan I	6.111f	0.000	525431	0	0.173	N.D. #
10)	B gamma-Chl...	5.923f	4.971	313582	736239	0.096	0.444 #
12)	B 4,4'-DDE	6.204	5.218	1674705	2608895	0.565	1.799 #
13)	MA Dieldrin	6.380f	0.000	1077157	0	0.329	N.D. #
14)	MA Endrin	6.589	5.625	132.5E6	73010942	47.701	49.897
15)	B Endosulfa...	6.825f	5.934	1597980	641961	0.502	0.436
16)	A 4,4'-DDD	6.722	5.773	6663509	3485557	2.832	3.134
17)	MA 4,4'-DDT	7.038	6.024	258.7E6	136.5E6	106.376	122.799
18)	B Endrin al...	6.938	6.099	3983095	3139549	1.823	2.758 #
20)	A Methoxychlor	7.514	6.598	348.8E6	161.4E6	246.195	269.902
21)	B Endrin ke...	7.660	6.828	8626907	5133412	2.864	3.238
22)	Mirex	8.156f	0.000	198944	0	0.087	N.D. #
24)	Chlordane-2	0.000	4.351f	0	3560160	N.D.	63.308 #
25)	Chlordane-3	5.923f	4.971	313582	736239	0.662	4.512 #
27)	Chlordane-5	0.000	5.934	0	641961	N.D.	10.745 #

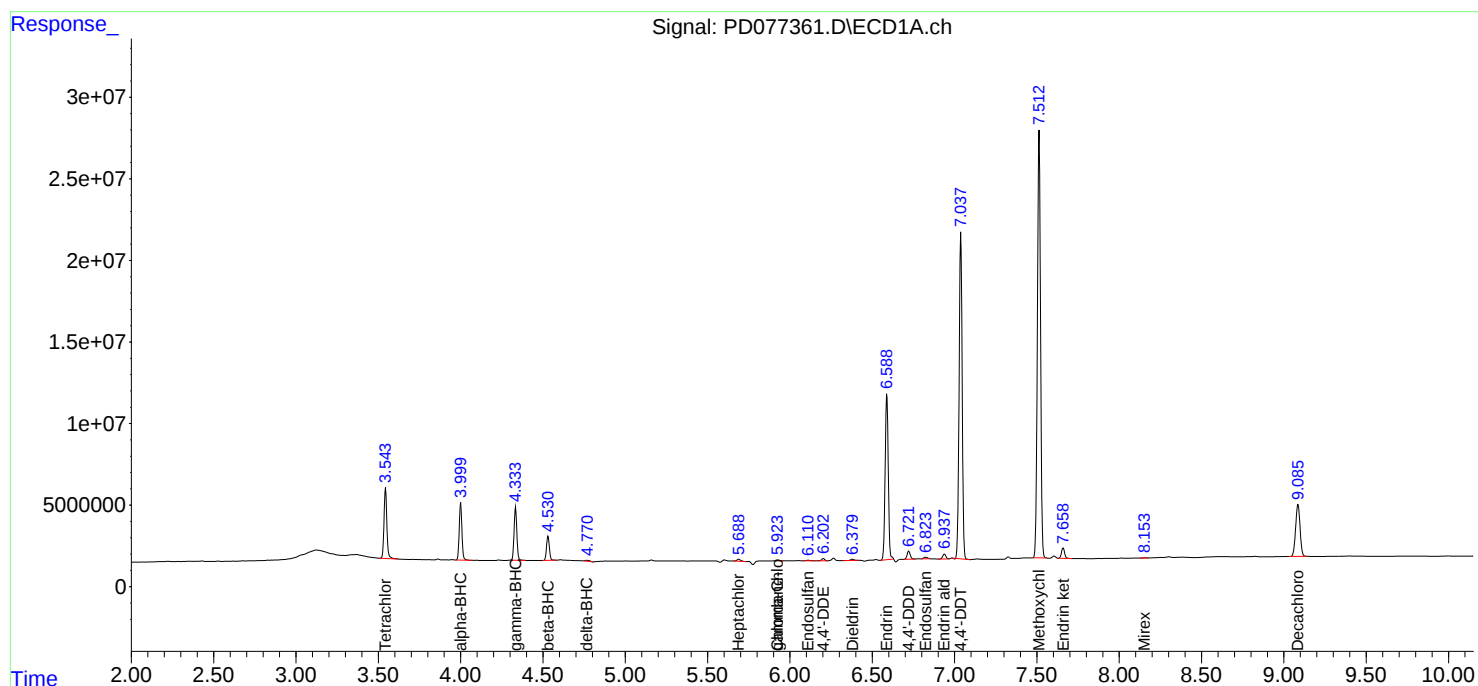
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

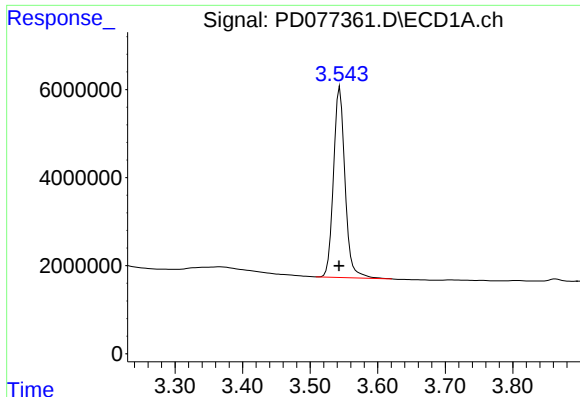
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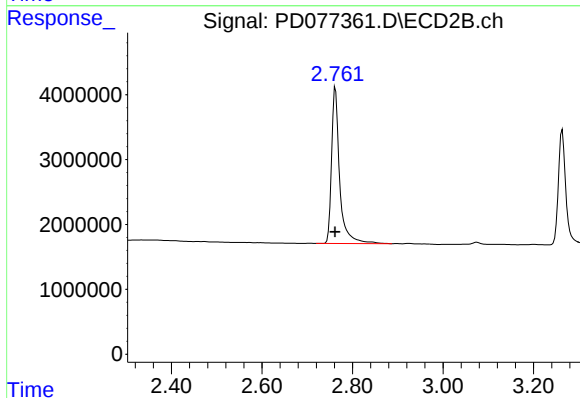




#1 Tetrachloro-m-xylene

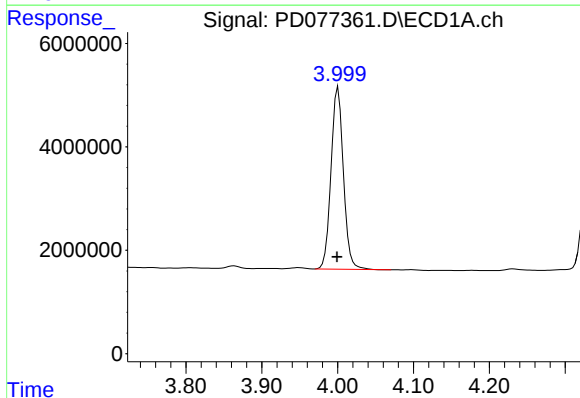
R.T.: 3.544 min
Delta R.T.: 0.001 min
Response: 51486798
Conc: 21.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



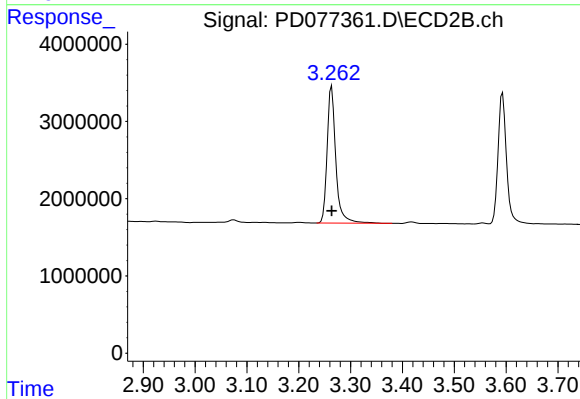
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 30082931
Conc: 22.09 ng/ml



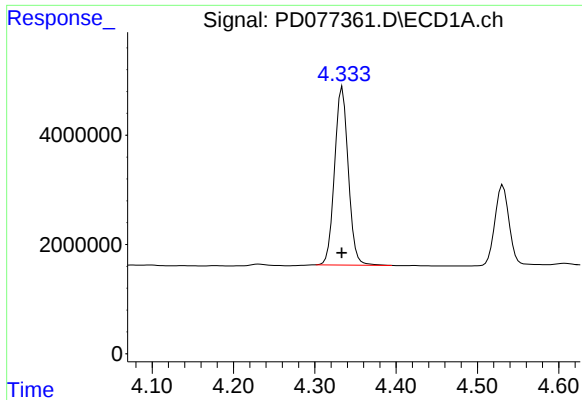
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.001 min
Response: 39875439
Conc: 10.39 ng/ml



#2 alpha-BHC

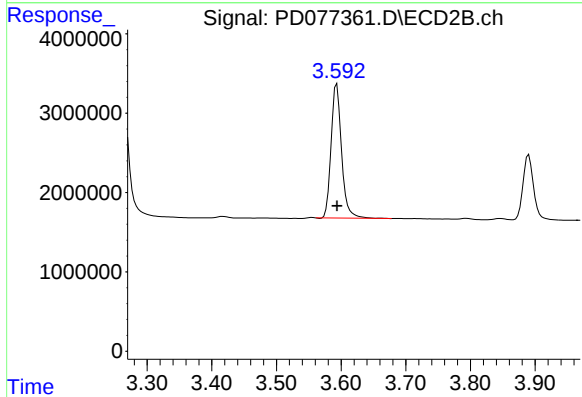
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 20617649
Conc: 10.66 ng/ml



#3 gamma-BHC (Lindane)

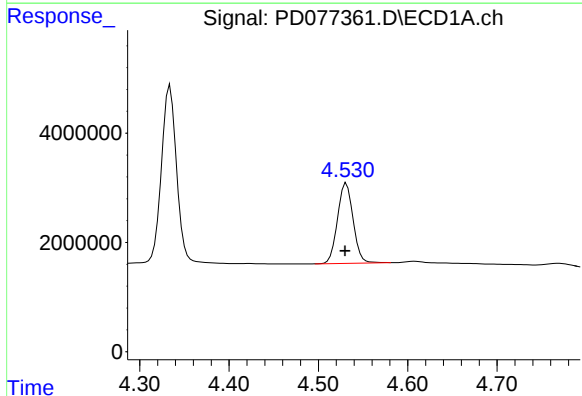
R.T.: 4.334 min
Delta R.T.: 0.001 min
Response: 38145126
Conc: 10.36 ng/ml

Instrument :
ECD_D
ClientSampleId :



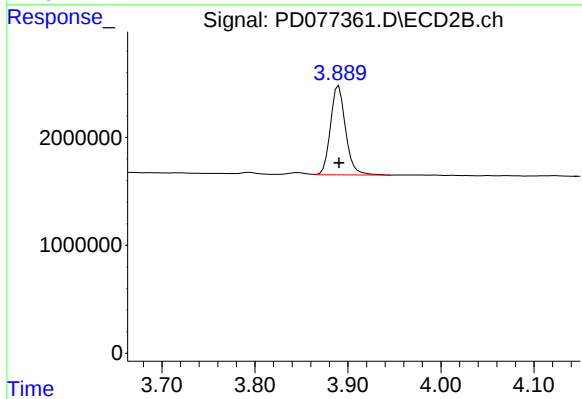
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 18948274
Conc: 10.19 ng/ml



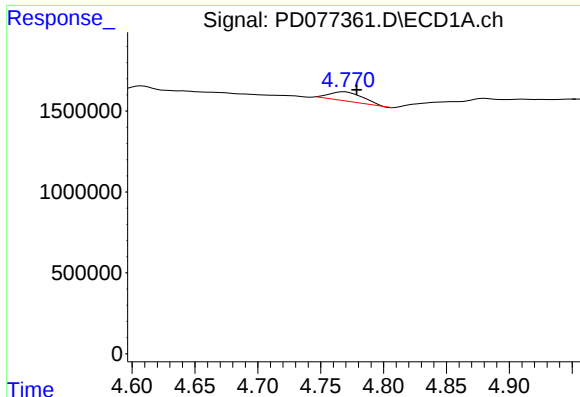
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 17816950
Conc: 11.84 ng/ml



#6 beta-BHC

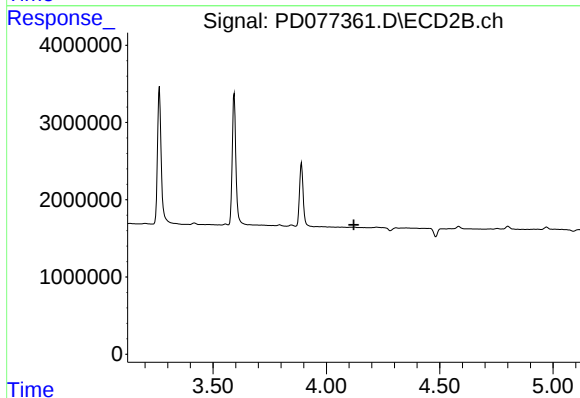
R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 9288700
Conc: 12.18 ng/ml



#7 delta-BHC

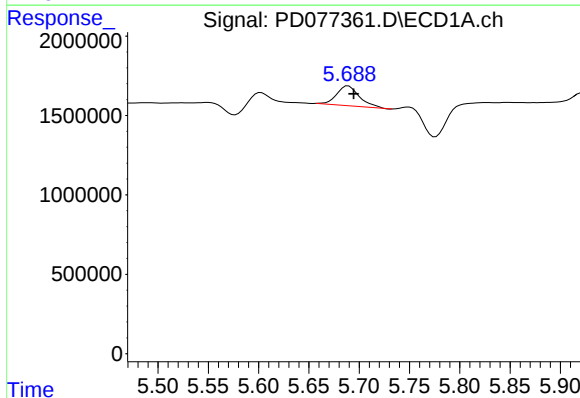
R.T.: 4.769 min
Delta R.T.: -0.010 min
Response: 1057594
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



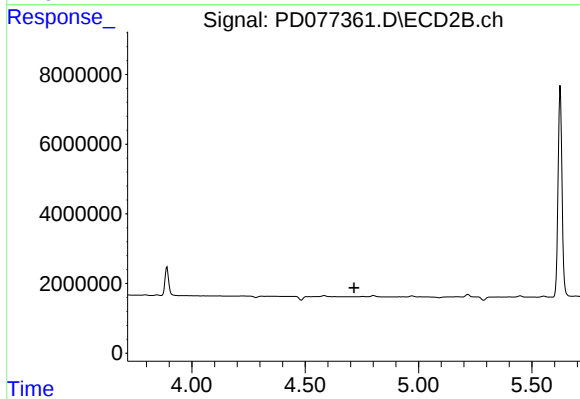
#7 delta-BHC

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



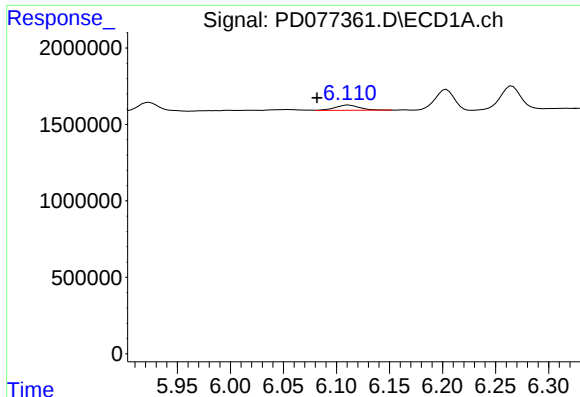
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 1979263
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

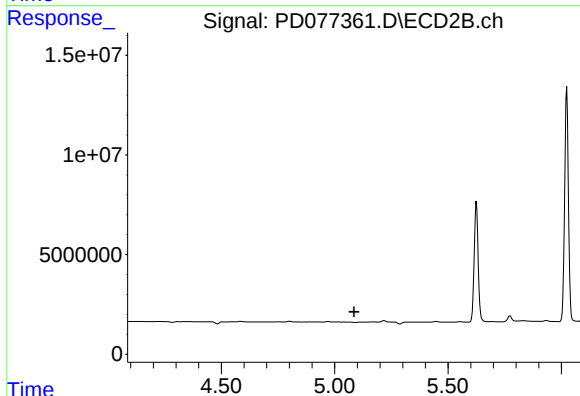
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#9 Endosulfan I

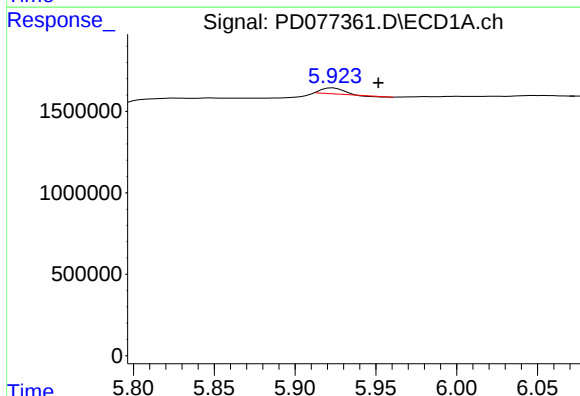
R.T.: 6.111 min
Delta R.T.: 0.030 min
Response: 525431
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



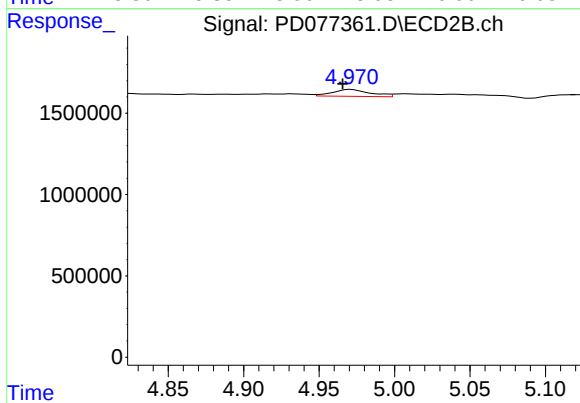
#9 Endosulfan I

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



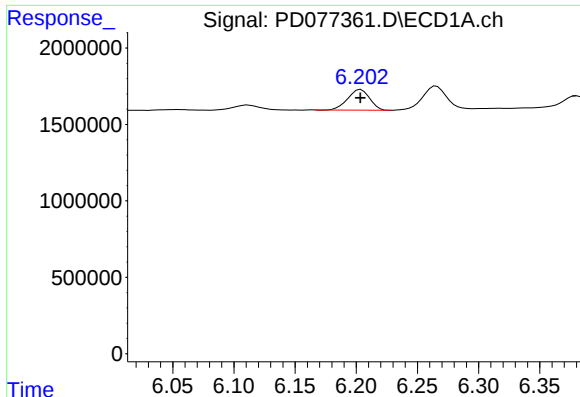
#10 gamma-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.028 min
Response: 313582
Conc: 0.10 ng/ml



#10 gamma-Chlordane

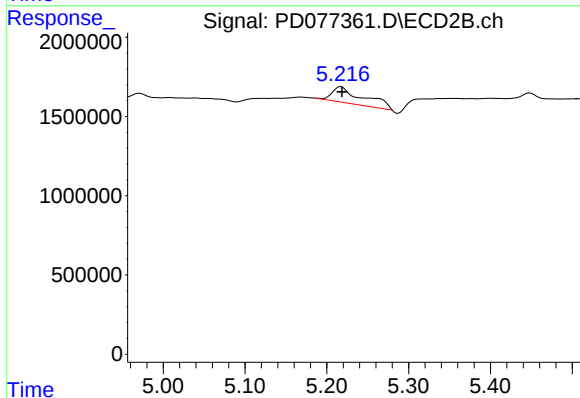
R.T.: 4.971 min
Delta R.T.: 0.006 min
Response: 736239
Conc: 0.44 ng/ml



#12 4,4'-DDE

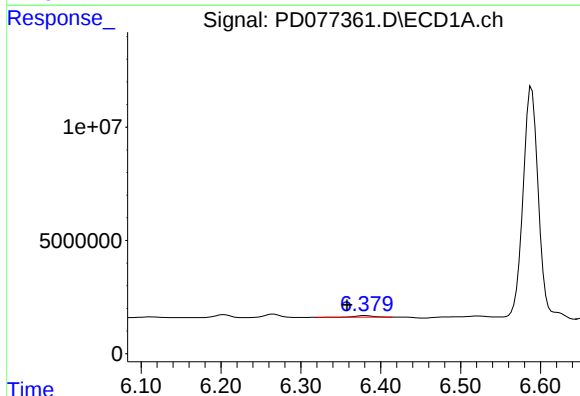
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 1674705
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



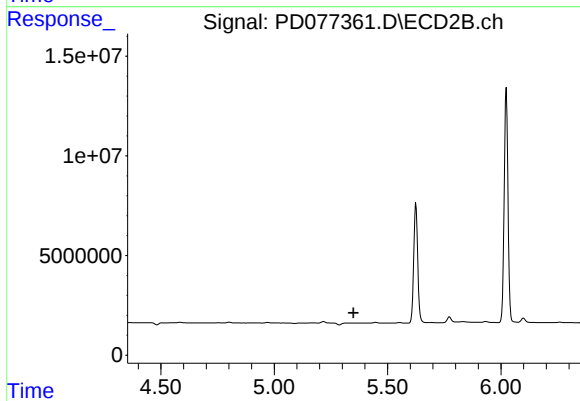
#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 2608895
Conc: 1.80 ng/ml



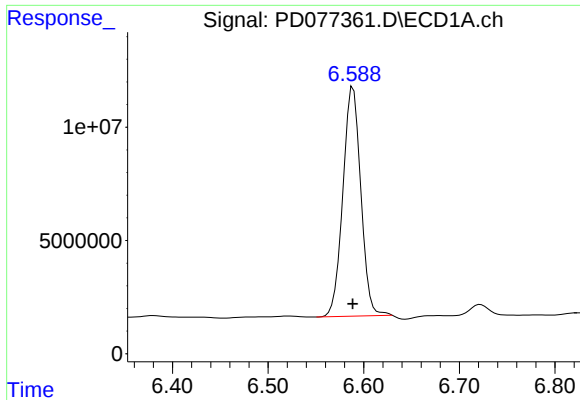
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.023 min
Response: 1077157
Conc: 0.33 ng/ml



#13 Dieldrin

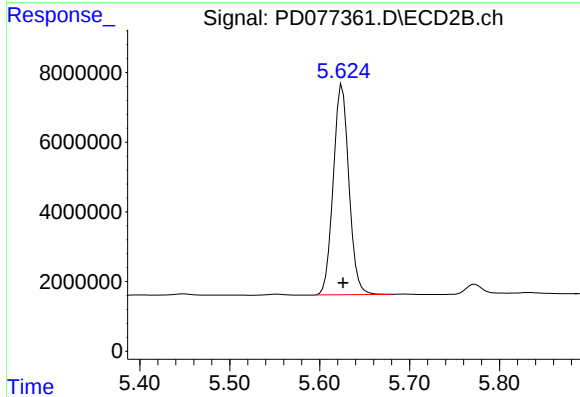
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



#14 Endrin

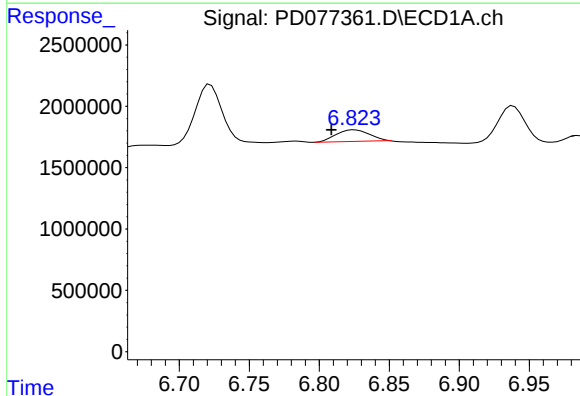
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 132546835
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



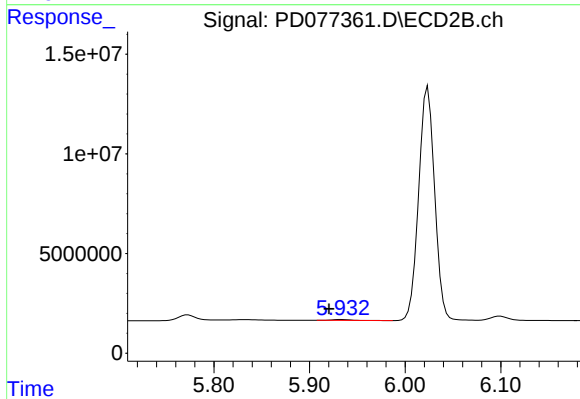
#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 73010942
Conc: 49.90 ng/ml



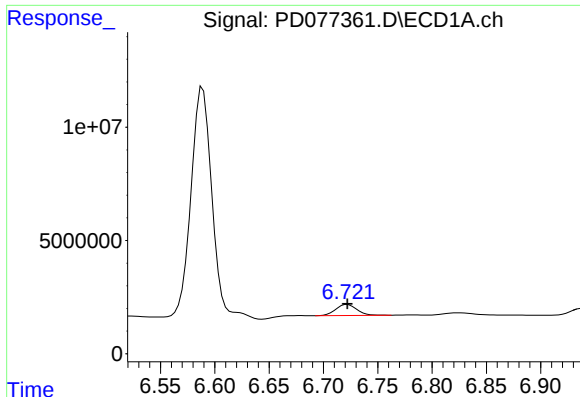
#15 Endosulfan II

R.T.: 6.825 min
Delta R.T.: 0.017 min
Response: 1597980
Conc: 0.50 ng/ml



#15 Endosulfan II

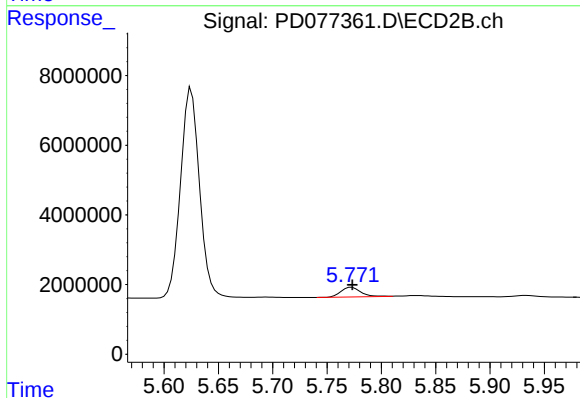
R.T.: 5.934 min
Delta R.T.: 0.013 min
Response: 641961
Conc: 0.44 ng/ml



#16 4,4'-DDD

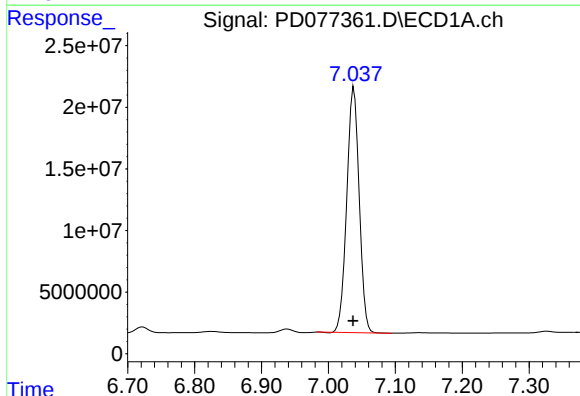
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 6663509
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



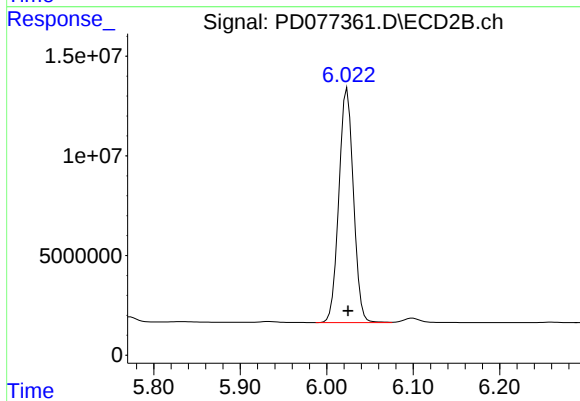
#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 3485557
Conc: 3.13 ng/ml



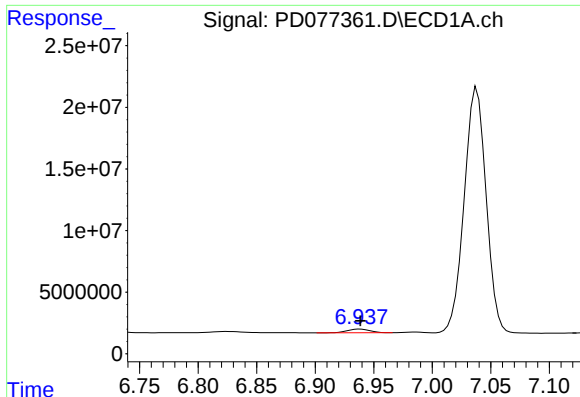
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 258666000
Conc: 106.38 ng/ml



#17 4,4'-DDT

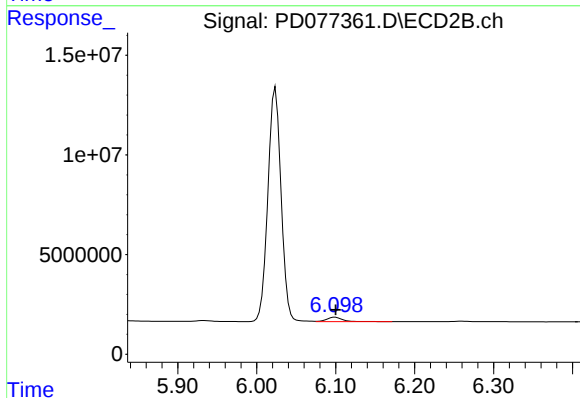
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 136500704
Conc: 122.80 ng/ml



#18 Endrin aldehyde

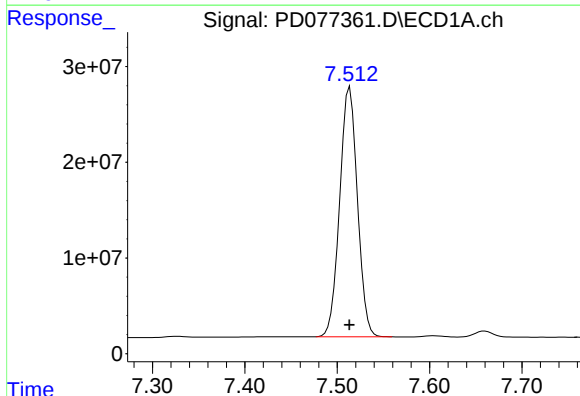
R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 3983095
Conc: 1.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



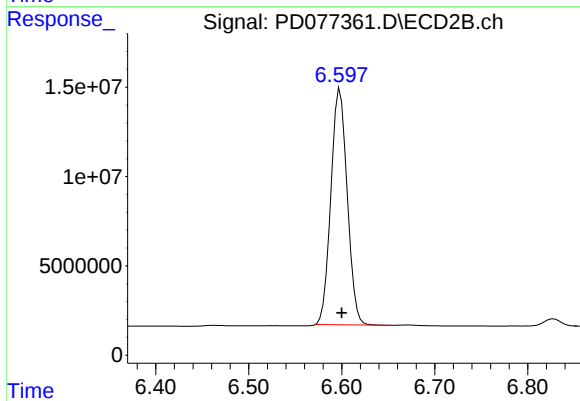
#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3139549
Conc: 2.76 ng/ml



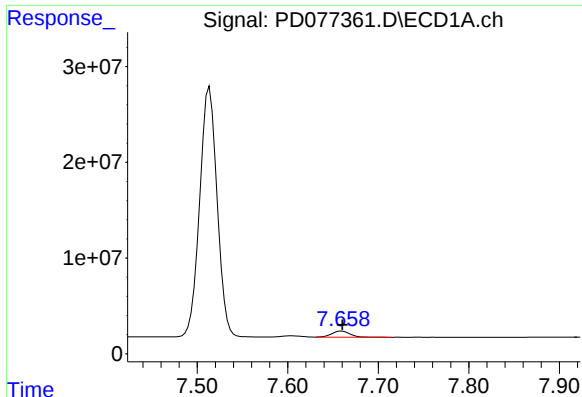
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 348826726
Conc: 246.20 ng/ml



#20 Methoxychlor

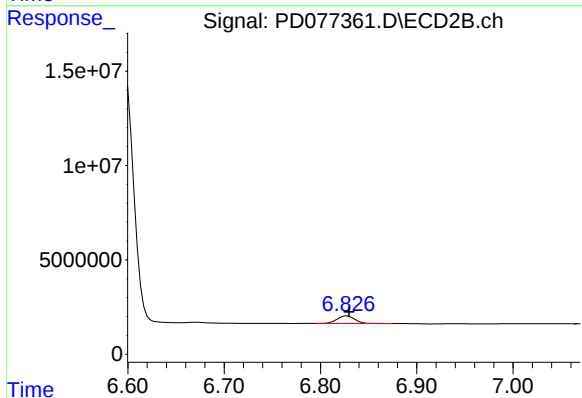
R.T.: 6.598 min
Delta R.T.: -0.002 min
Response: 161384644
Conc: 269.90 ng/ml



#21 Endrin ketone

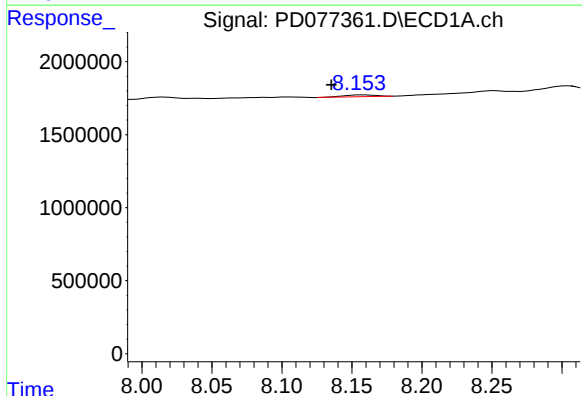
R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 8626907
Conc: 2.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



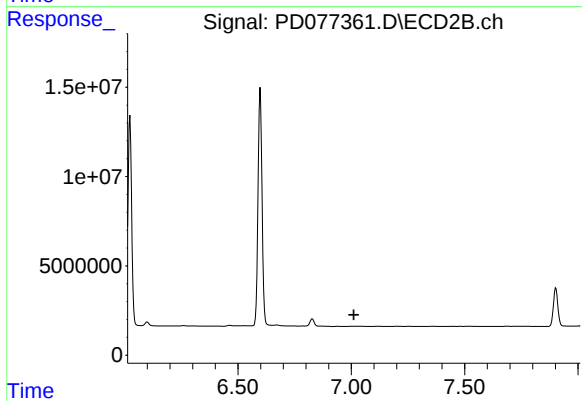
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 5133412
Conc: 3.24 ng/ml



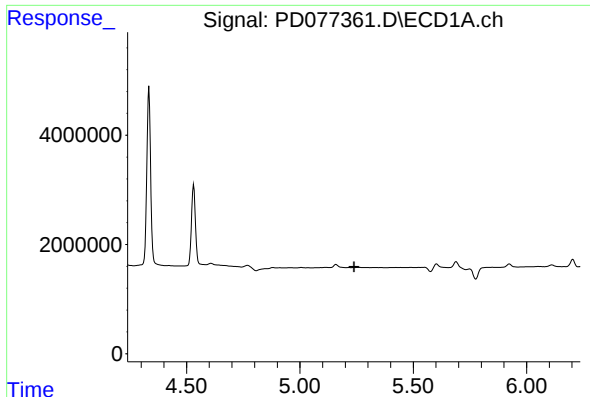
#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.021 min
Response: 198944
Conc: 0.09 ng/ml



#22 Mirex

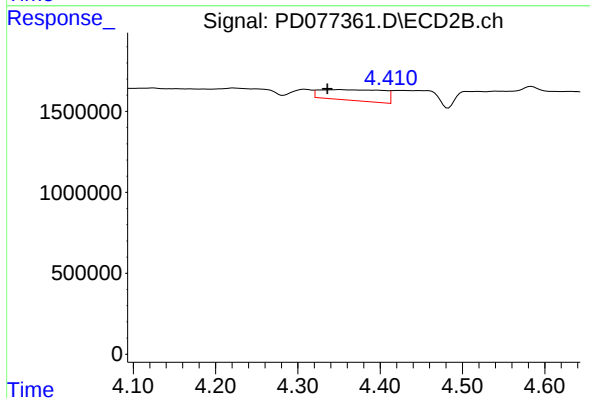
R.T.: 0.000 min
Exp R.T. : 7.011 min
Response: 0
Conc: N.D.



#24 Chlordane-2

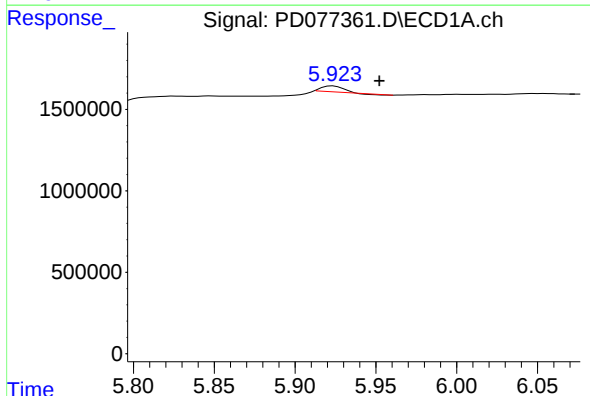
R.T.: 0.000 min
Exp R.T.: 5.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



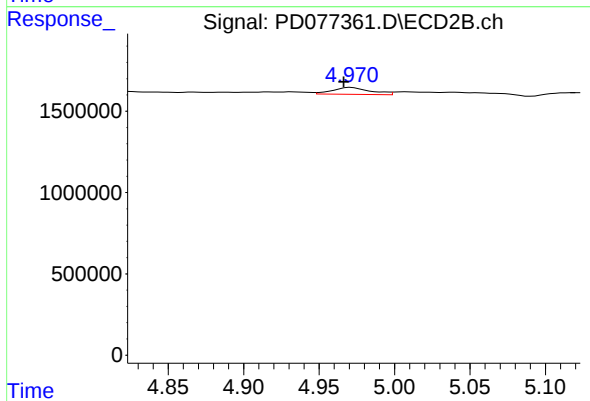
#24 Chlordane-2

R.T.: 4.351 min
Delta R.T.: 0.016 min
Response: 3560160
Conc: 63.31 ng/ml



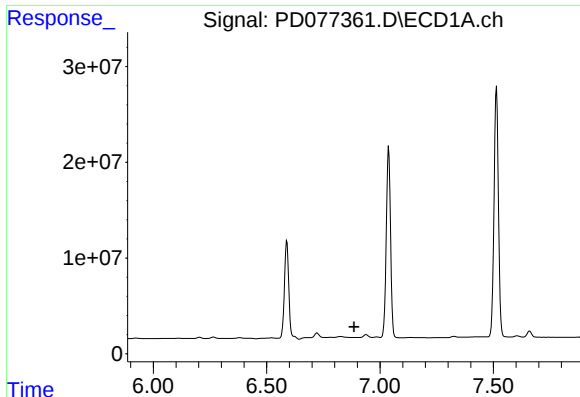
#25 Chlordane-3

R.T.: 5.923 min
Delta R.T.: -0.029 min
Response: 313582
Conc: 0.66 ng/ml



#25 Chlordane-3

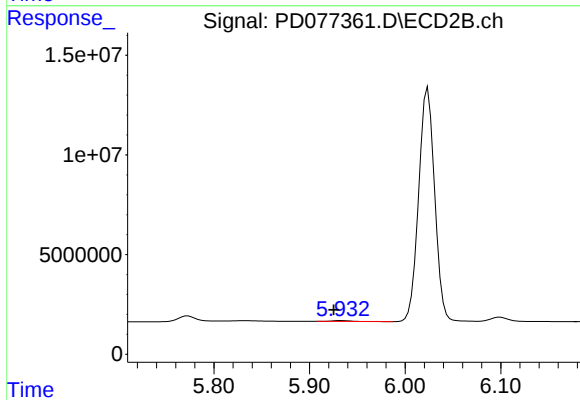
R.T.: 4.971 min
Delta R.T.: 0.005 min
Response: 736239
Conc: 4.51 ng/ml



#27 Chlordane-5

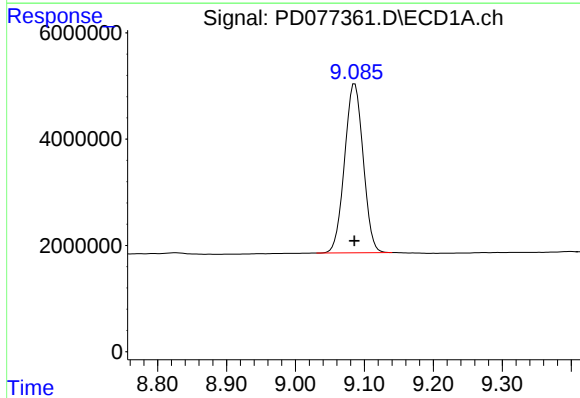
R.T.: 0.000 min
Exp R.T.: 6.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



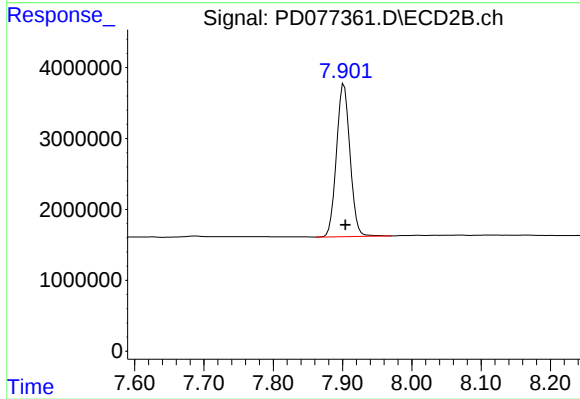
#27 Chlordane-5

R.T.: 5.934 min
Delta R.T.: 0.008 min
Response: 641961
Conc: 10.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 59610943
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 29258821
Conc: 20.45 ng/ml