

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
 Data File : PD076034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2023 10:57
 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: Jun 22 22:11:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.551	2.767	42458302	21102141	19.932	19.450
28)	SA Decachlor...	9.092	7.914	49413437	22858233	19.505	23.377
Target Compounds							
2)	A alpha-BHC	4.007	3.270	32741891	14729325	8.868	9.207
3)	MA gamma-BHC...	4.341	3.599	31402676	14059543	9.332	9.542
4)	MA Heptachlor	4.948f	0.000	1166164	0	0.325	N.D. #
6)	B beta-BHC	4.537	3.897	14688197	6870486	10.216	10.779
7)	B delta-BHC	4.775	0.000	1542516	0	0.464	N.D. #
8)	B Heptachlo...	5.696	0.000	2145257	0	0.666	N.D. #
9)	A Endosulfan I	6.106f	0.000	1088514	0	0.363	N.D. #
10)	B gamma-Chl...	5.961	0.000	5238947	0	1.626	N.D. #
12)	B 4,4'-DDE	6.212	5.231	190837	240123	0.067	0.215 #
13)	MA Dieldrin	6.385f	0.000	195121	0	0.062	N.D. #
14)	MA Endrin	6.595	5.634	115.1E6	56718470	43.035	46.606
15)	B Endosulfa...	6.827f	5.945f	981482	255038	0.380	0.236 #
16)	A 4,4'-DDD	6.729	5.783	3021326	1384729	1.328	1.571
17)	MA 4,4'-DDT	7.044	6.034	233.9E6	104.1E6	103.078	128.185
18)	B Endrin al...	6.945	6.109	2406123	2153861	1.199	2.489 #
20)	A Methoxychlor	7.519	6.609	322.8E6	138.0E6	249.390	298.102
21)	B Endrin ke...	7.666	6.837	7123022	3512322	2.557	2.891
22)	Mirex	8.162f	0.000	91516	0	0.043	N.D. #
25)	Chlordane-3	5.961	0.000	5238947	0	10.088	N.D. #
27)	Chlordane-5	0.000	5.945	0	255038	N.D.	5.273 #

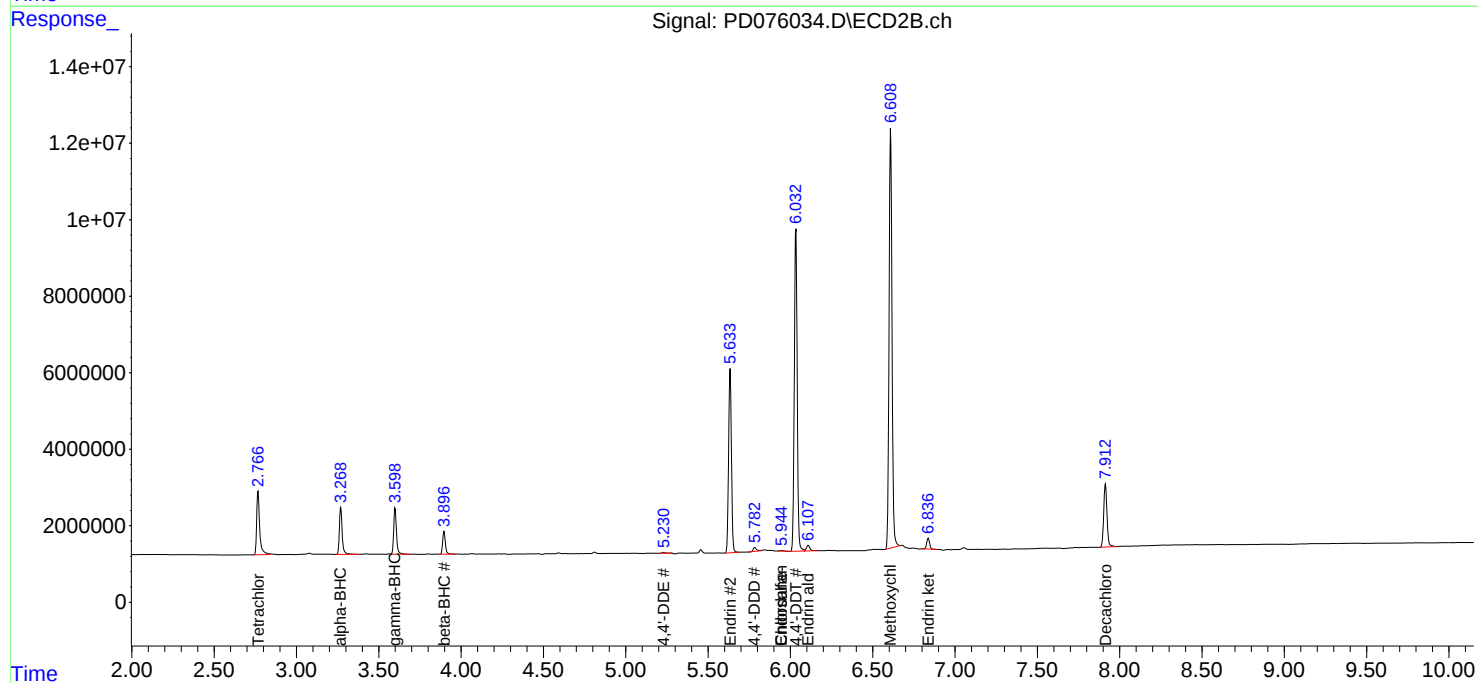
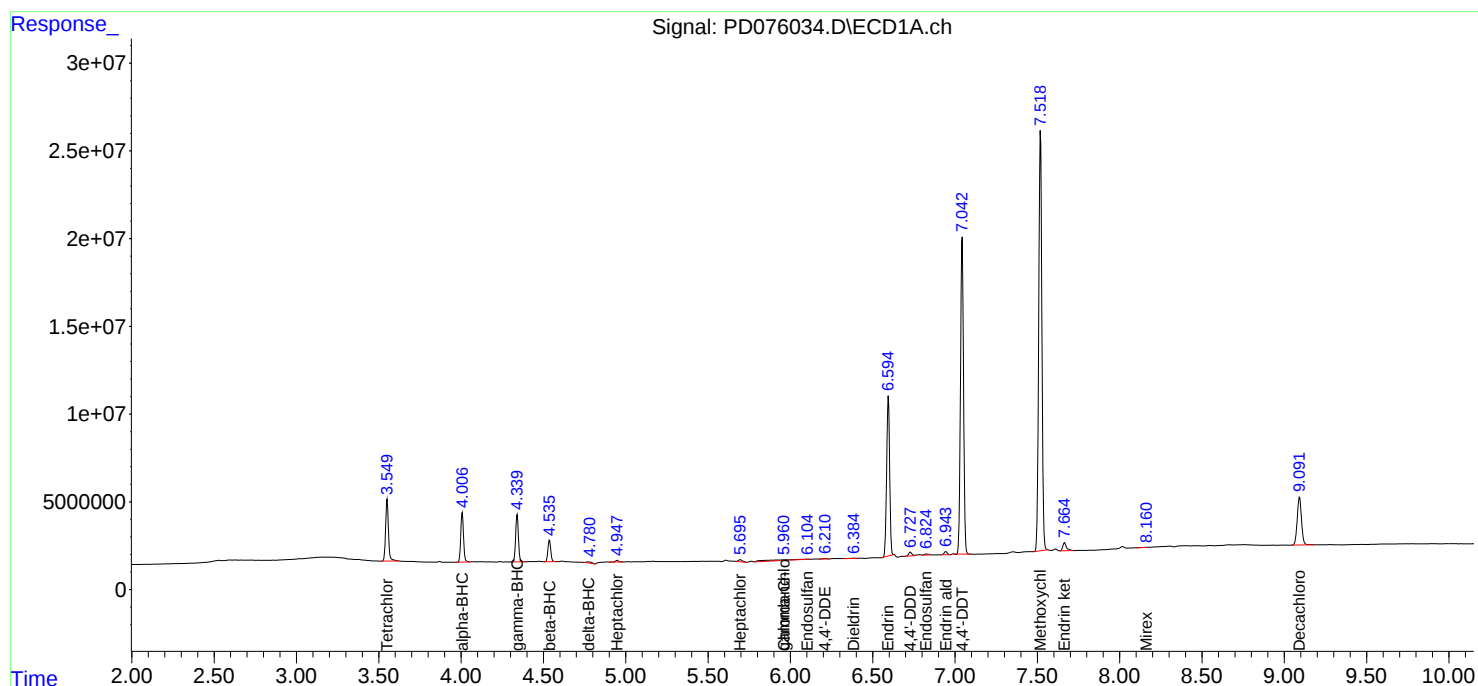
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

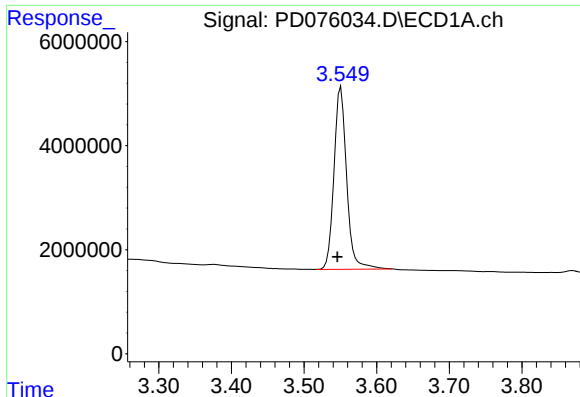
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062423\
Data File : PD076034.D
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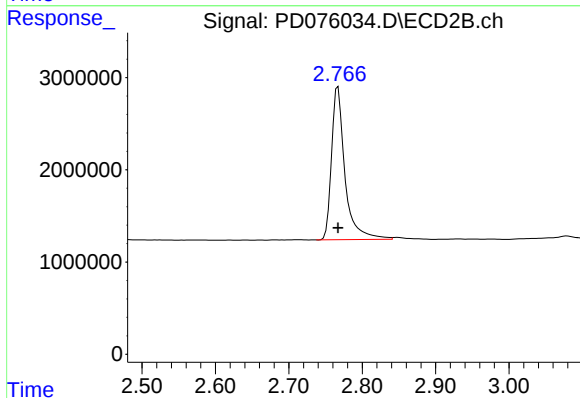




#1 Tetrachloro-m-xylene

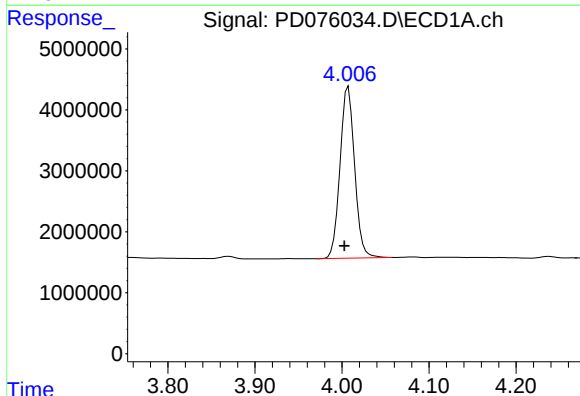
R.T.: 3.551 min
Delta R.T.: 0.005 min
Response: 42458302
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



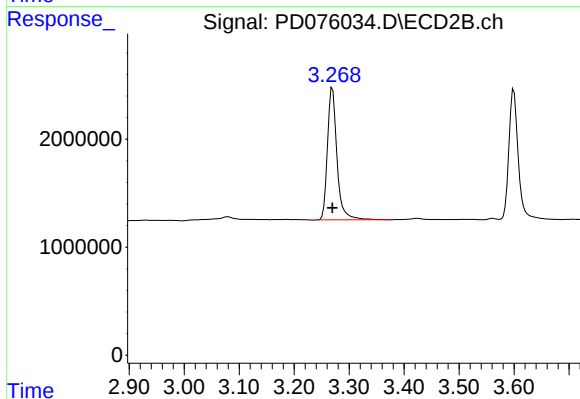
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 21102141
Conc: 19.45 ng/ml



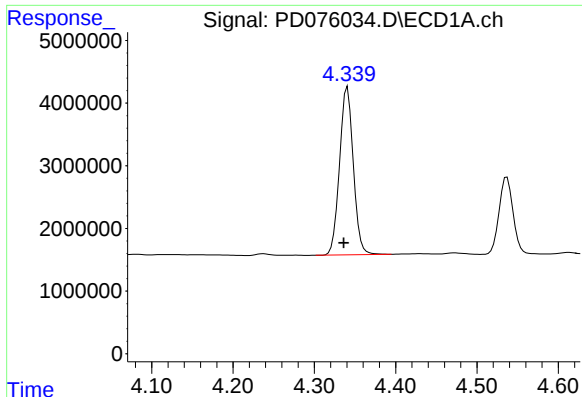
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.005 min
Response: 32741891
Conc: 8.87 ng/ml



#2 alpha-BHC

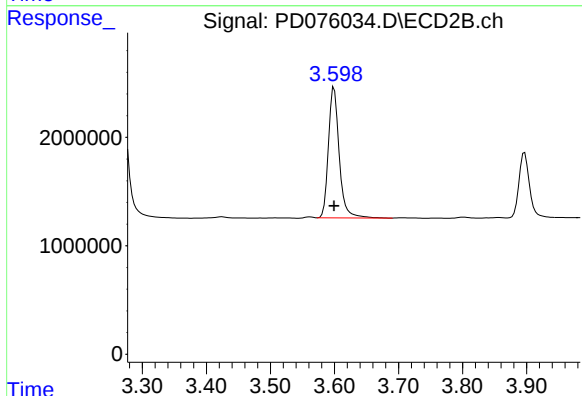
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 14729325
Conc: 9.21 ng/ml



#3 gamma-BHC (Lindane)

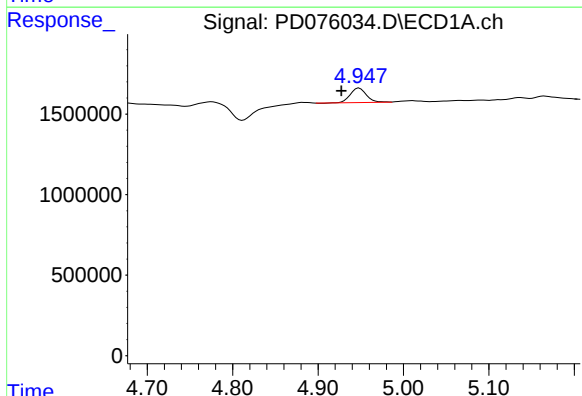
R.T.: 4.341 min
Delta R.T.: 0.005 min
Response: 31402676
Conc: 9.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



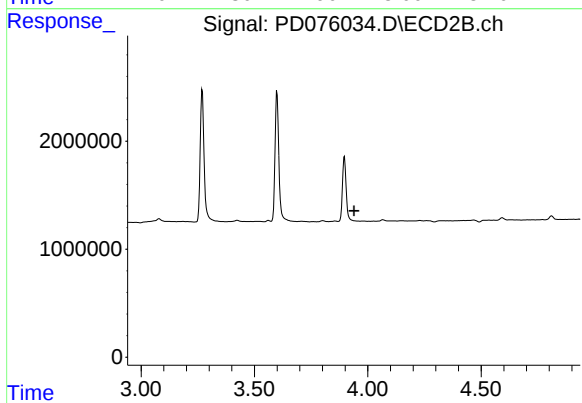
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 14059543
Conc: 9.54 ng/ml



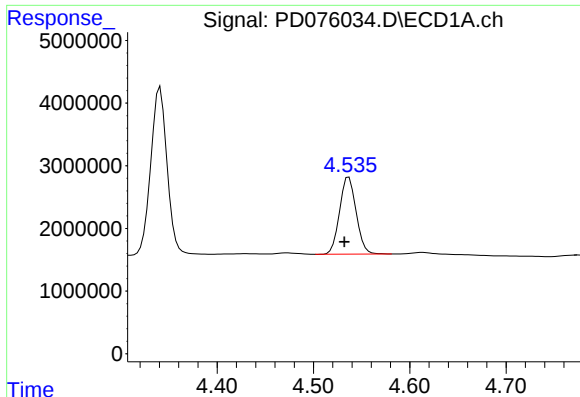
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.021 min
Response: 1166164
Conc: 0.33 ng/ml



#4 Heptachlor

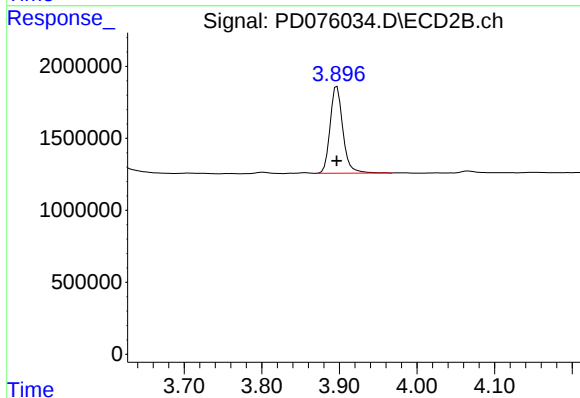
R.T.: 0.000 min
Exp R.T. : 3.940 min
Response: 0
Conc: N.D.



#6 beta-BHC

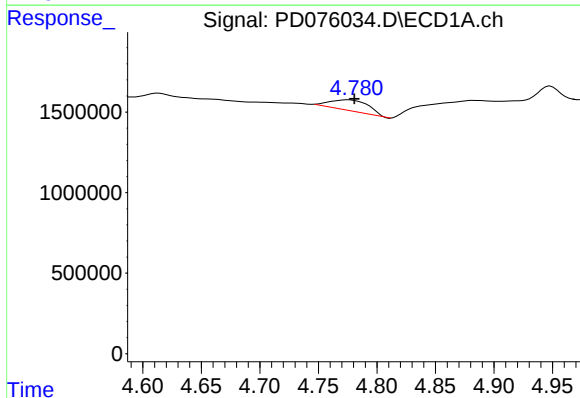
R.T.: 4.537 min
Delta R.T.: 0.005 min
Response: 14688197
Conc: 10.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



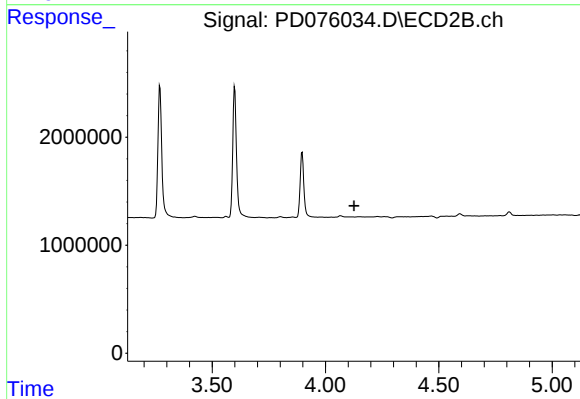
#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 6870486
Conc: 10.78 ng/ml



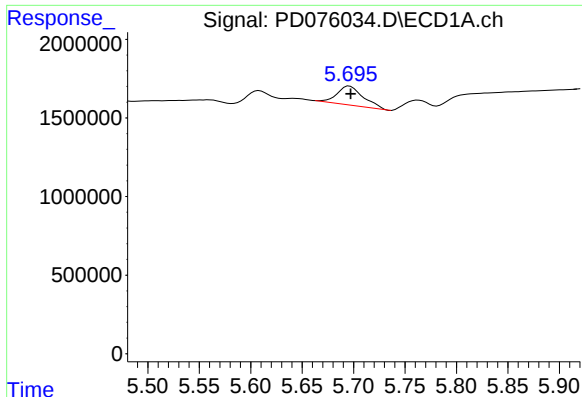
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.006 min
Response: 1542516
Conc: 0.46 ng/ml



#7 delta-BHC

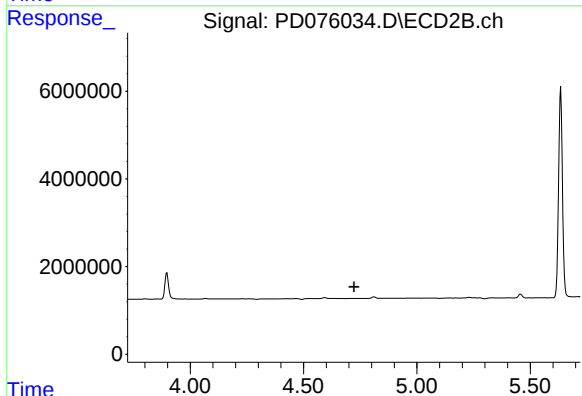
R.T.: 0.000 min
Exp R.T. : 4.127 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

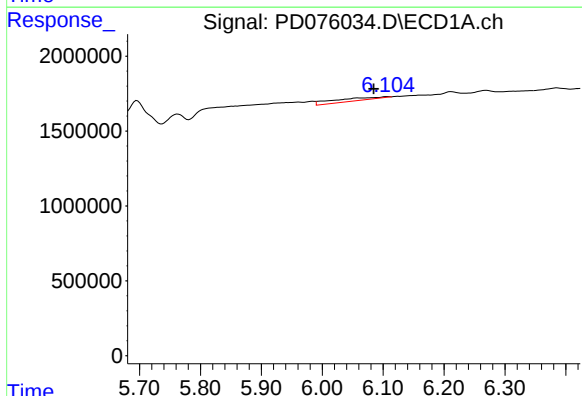
R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 2145257
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



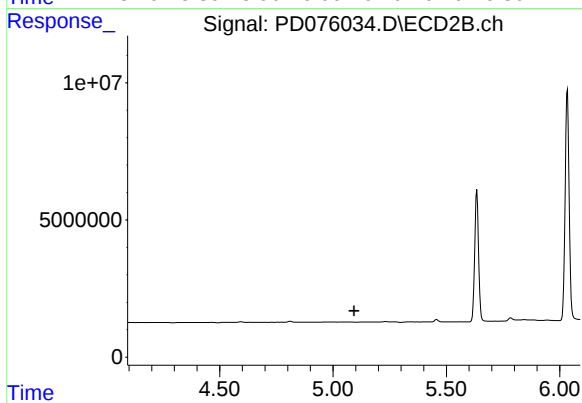
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



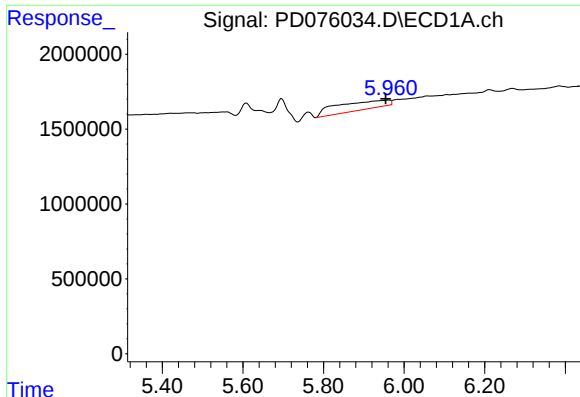
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.021 min
Response: 1088514
Conc: 0.36 ng/ml



#9 Endosulfan I

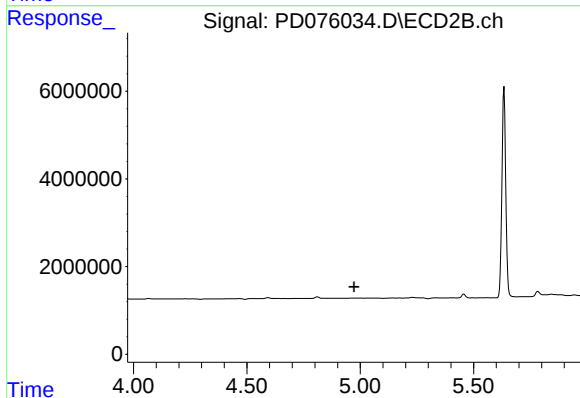
R.T.: 0.000 min
Exp R.T. : 5.093 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

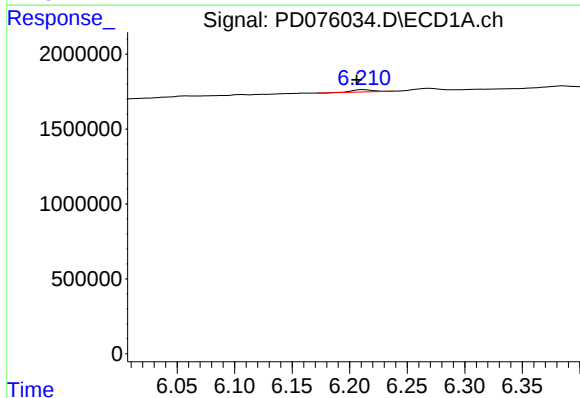
R.T.: 5.961 min
Delta R.T.: 0.006 min
Response: 5238947
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



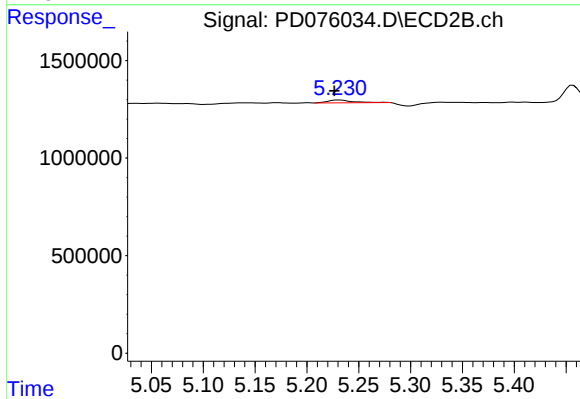
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.973 min
Response: 0
Conc: N.D.



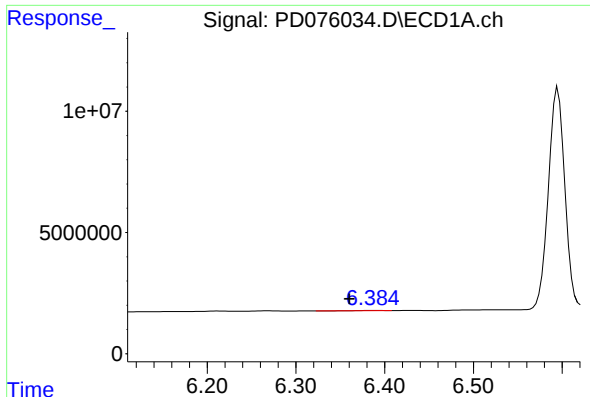
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.006 min
Response: 190837
Conc: 0.07 ng/ml



#12 4,4'-DDE

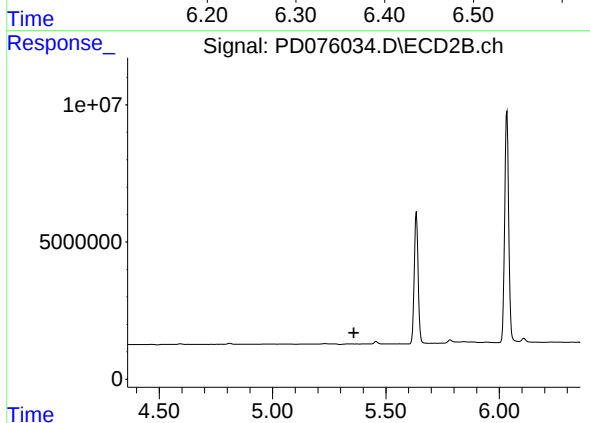
R.T.: 5.231 min
Delta R.T.: 0.004 min
Response: 240123
Conc: 0.22 ng/ml



#13 Dieldrin

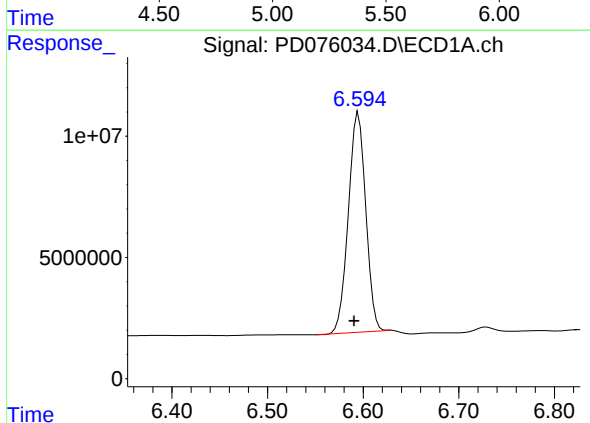
R.T.: 6.385 min
Delta R.T.: 0.025 min
Response: 195121
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



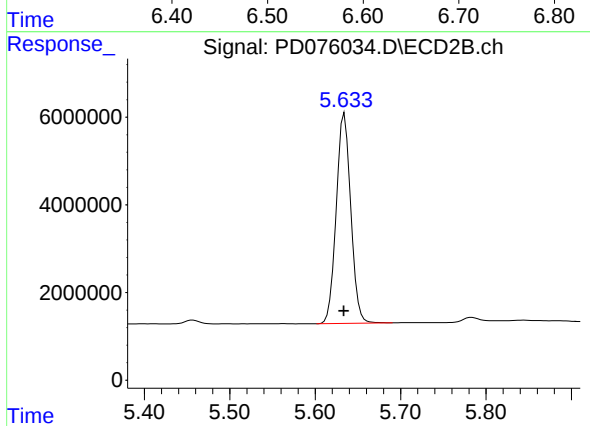
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



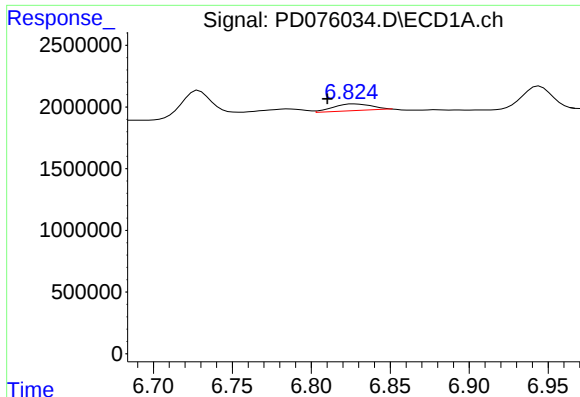
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.005 min
Response: 115088999
Conc: 43.03 ng/ml



#14 Endrin

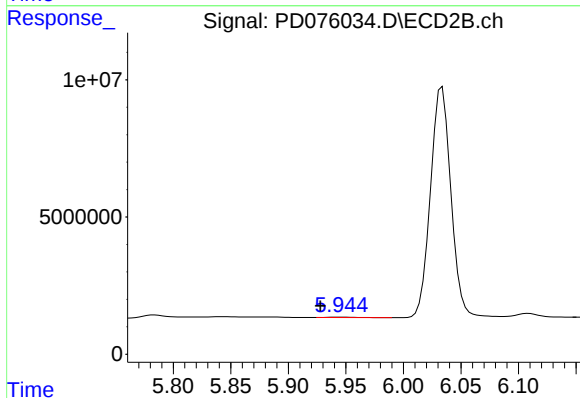
R.T.: 5.634 min
Delta R.T.: 0.001 min
Response: 56718470
Conc: 46.61 ng/ml



#15 Endosulfan II

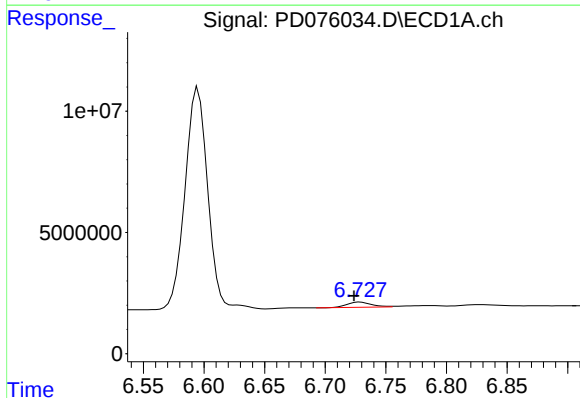
R.T.: 6.827 min
Delta R.T.: 0.017 min
Response: 981482
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



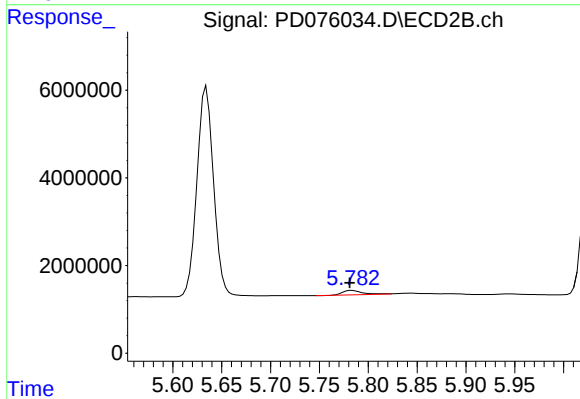
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.017 min
Response: 255038
Conc: 0.24 ng/ml



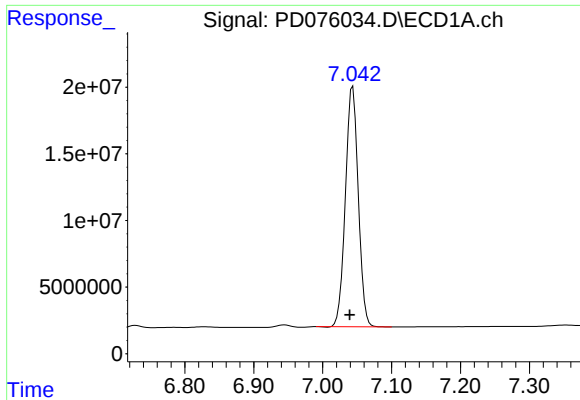
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.005 min
Response: 3021326
Conc: 1.33 ng/ml



#16 4,4'-DDD

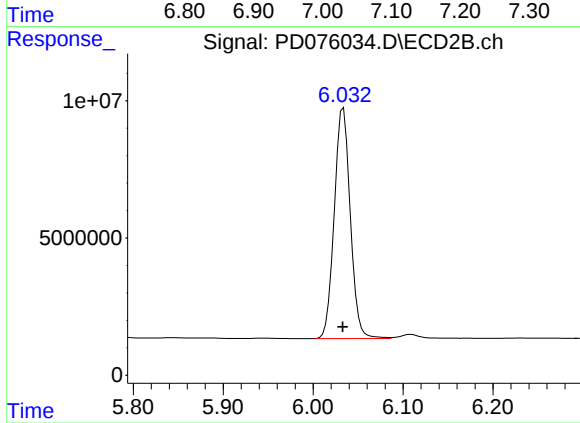
R.T.: 5.783 min
Delta R.T.: 0.002 min
Response: 1384729
Conc: 1.57 ng/ml



#17 4,4'-DDT

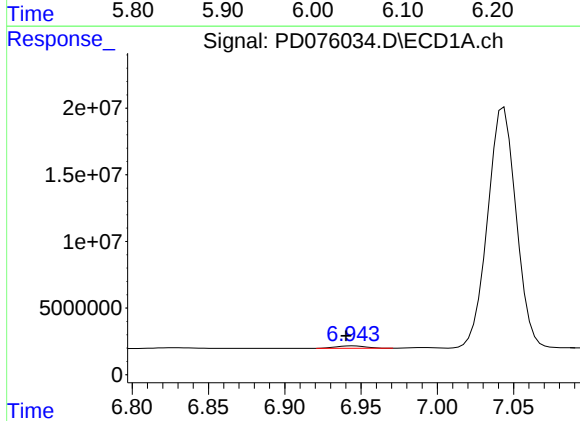
R.T.: 7.044 min
Delta R.T.: 0.004 min
Response: 233911098
Conc: 103.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



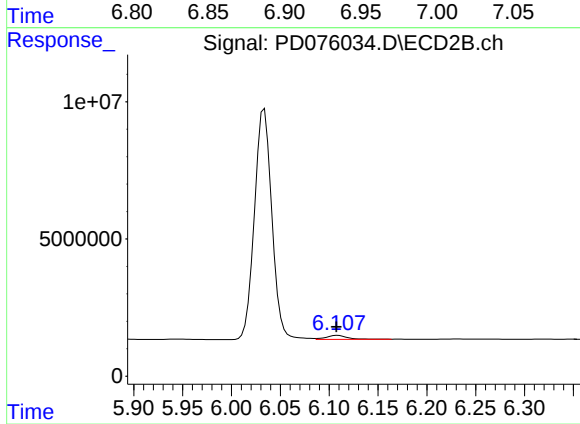
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 104123883
Conc: 128.19 ng/ml



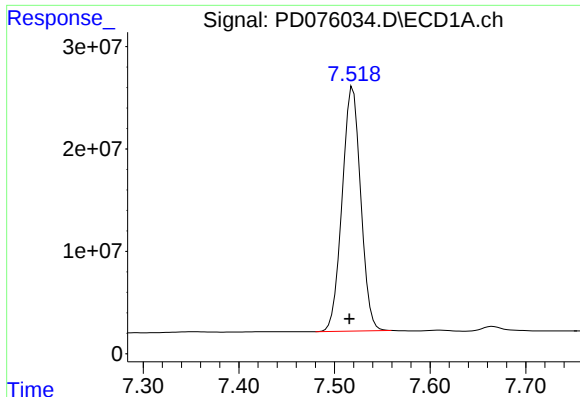
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.004 min
Response: 2406123
Conc: 1.20 ng/ml



#18 Endrin aldehyde

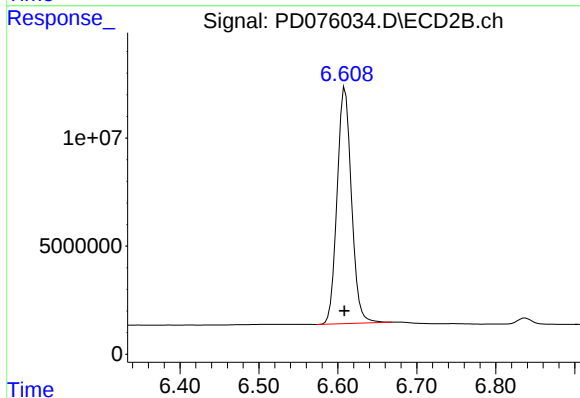
R.T.: 6.109 min
Delta R.T.: 0.001 min
Response: 2153861
Conc: 2.49 ng/ml



#20 Methoxychlor

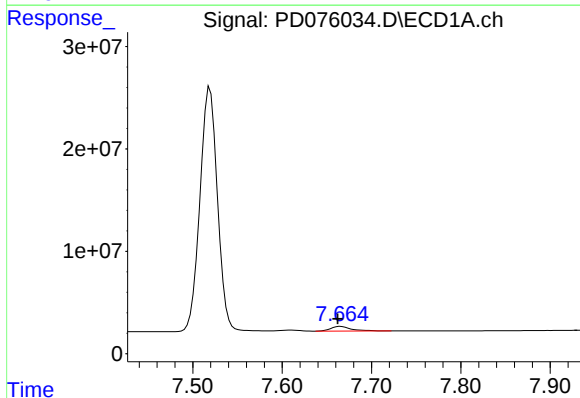
R.T.: 7.519 min
Delta R.T.: 0.004 min
Response: 322808146
Conc: 249.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



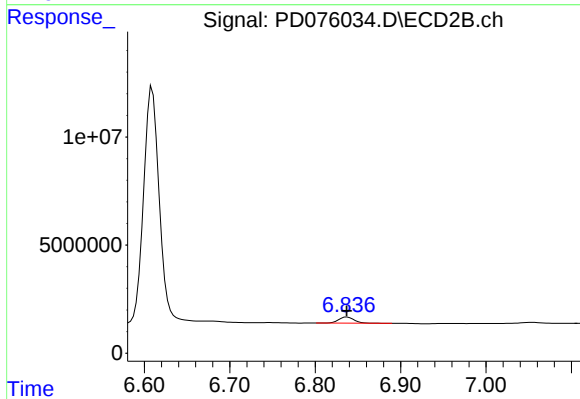
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.001 min
Response: 137974420
Conc: 298.10 ng/ml



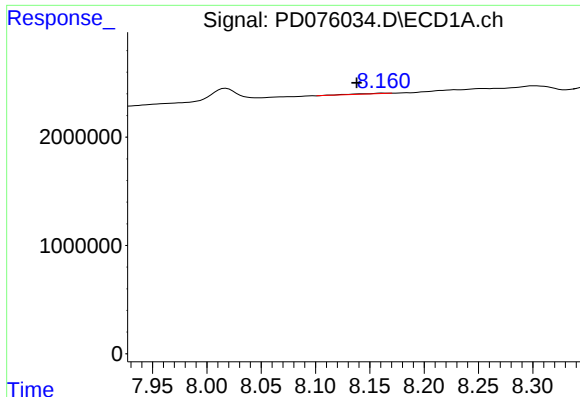
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.003 min
Response: 7123022
Conc: 2.56 ng/ml



#21 Endrin ketone

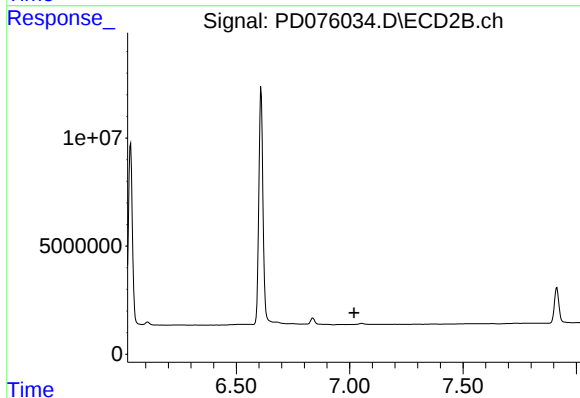
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 3512322
Conc: 2.89 ng/ml



#22 Mirex

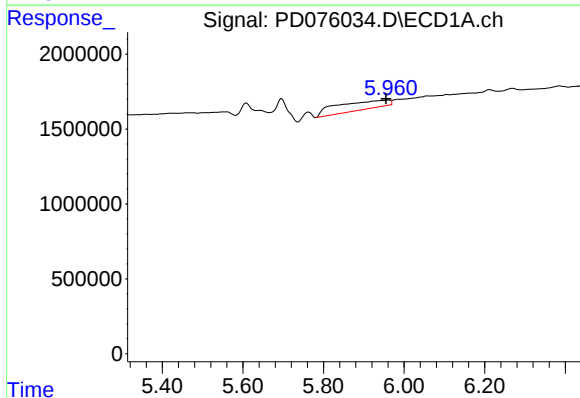
R.T.: 8.162 min
Delta R.T.: 0.024 min
Response: 91516
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



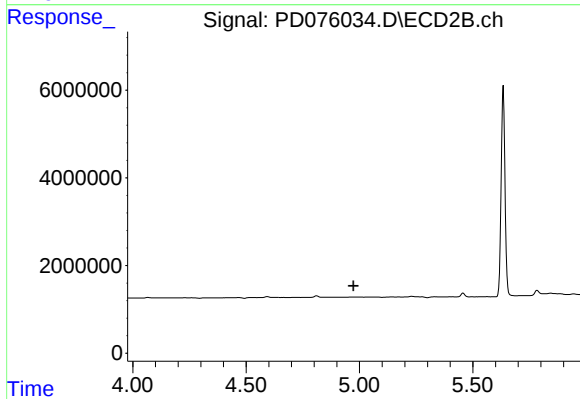
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.019 min
Response: 0
Conc: N.D.



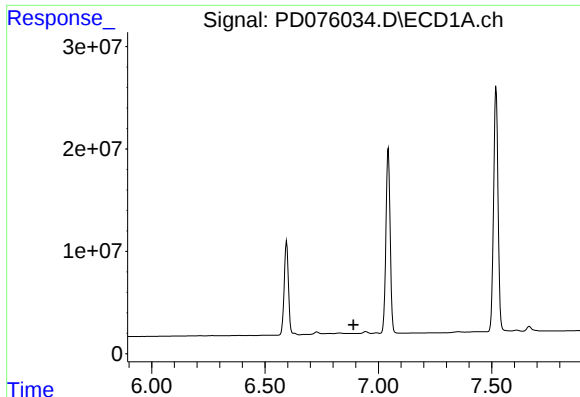
#25 Chlordane-3

R.T.: 5.961 min
Delta R.T.: 0.005 min
Response: 5238947
Conc: 10.09 ng/ml



#25 Chlordane-3

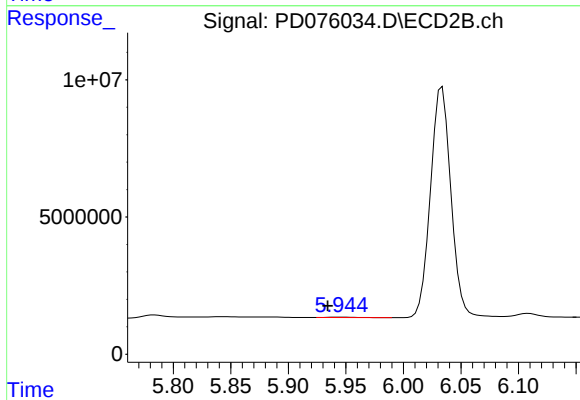
R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



#27 Chlordane-5

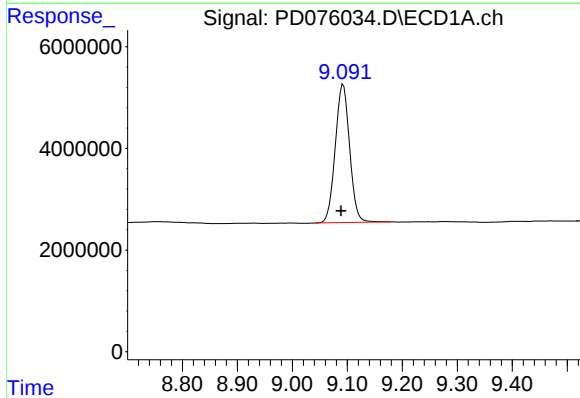
R.T.: 0.000 min
Exp R.T.: 6.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



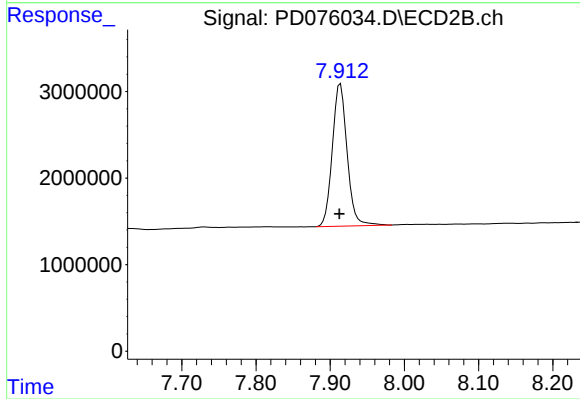
#27 Chlordane-5

R.T.: 5.945 min
Delta R.T.: 0.011 min
Response: 255038
Conc: 5.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.003 min
Response: 49413437
Conc: 19.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 22858233
Conc: 23.38 ng/ml