

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
 Data File : PD080881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2024 09:53
 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: Jan 25 21:36:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.567	2.796	30120131	53112623	21.218	22.203
28)	SA Decachlor...	9.112	7.934	44533718	61921129	22.129	23.247
Target Compounds							
2)	A alpha-BHC	4.024	3.298	23264493	41984690	9.366	10.942
3)	MA gamma-BHC...	4.357	3.627	23693431	39331272	9.680	10.519
4)	MA Heptachlor	4.933f	0.000	75360	0	0.031	N.D. #
5)	MB Aldrin	0.000	4.257	0	1540895	N.D.	0.423 #
6)	B beta-BHC	4.551	3.922	11348064	18943379	11.215	12.123
7)	B delta-BHC	4.794	0.000	522388	0	0.208	N.D. #
8)	B Heptachlo...	5.713	0.000	6245832	0	2.789	N.D. #
9)	A Endosulfan I	6.136f	0.000	367422	0	0.177	N.D. #
12)	B 4,4'-DDE	6.228	5.256	219427	3551646	0.108	1.159 #
13)	MA Dieldrin	6.398f	0.000	181765	0	0.082	N.D. #
14)	MA Endrin	6.612	5.659	89958880	150.6E6	48.164	50.811
15)	B Endosulfa...	6.841	5.969f	1298584	434399	0.671	0.151 #
16)	A 4,4'-DDD	6.744	5.807	1256874	2296835	0.765	0.875
17)	MA 4,4'-DDT	7.059	6.057	188.1E6	300.2E6	105.633	113.152
18)	B Endrin al...	6.960	6.133	2943290	5959891	1.935	2.643 #
20)	A Methoxychlor	7.532	6.632	248.4E6	382.3E6	241.350	244.238
21)	B Endrin ke...	7.680	6.860	6082926	10292501	2.909	3.189
22)	Mirex	0.000	7.054	0	634890	N.D.	0.252 #
24)	Chlordane-2	0.000	4.348f	0	2871312	N.D.	23.426 #
27)	Chlordane-5	0.000	5.969	0	434399	N.D.	3.583 #

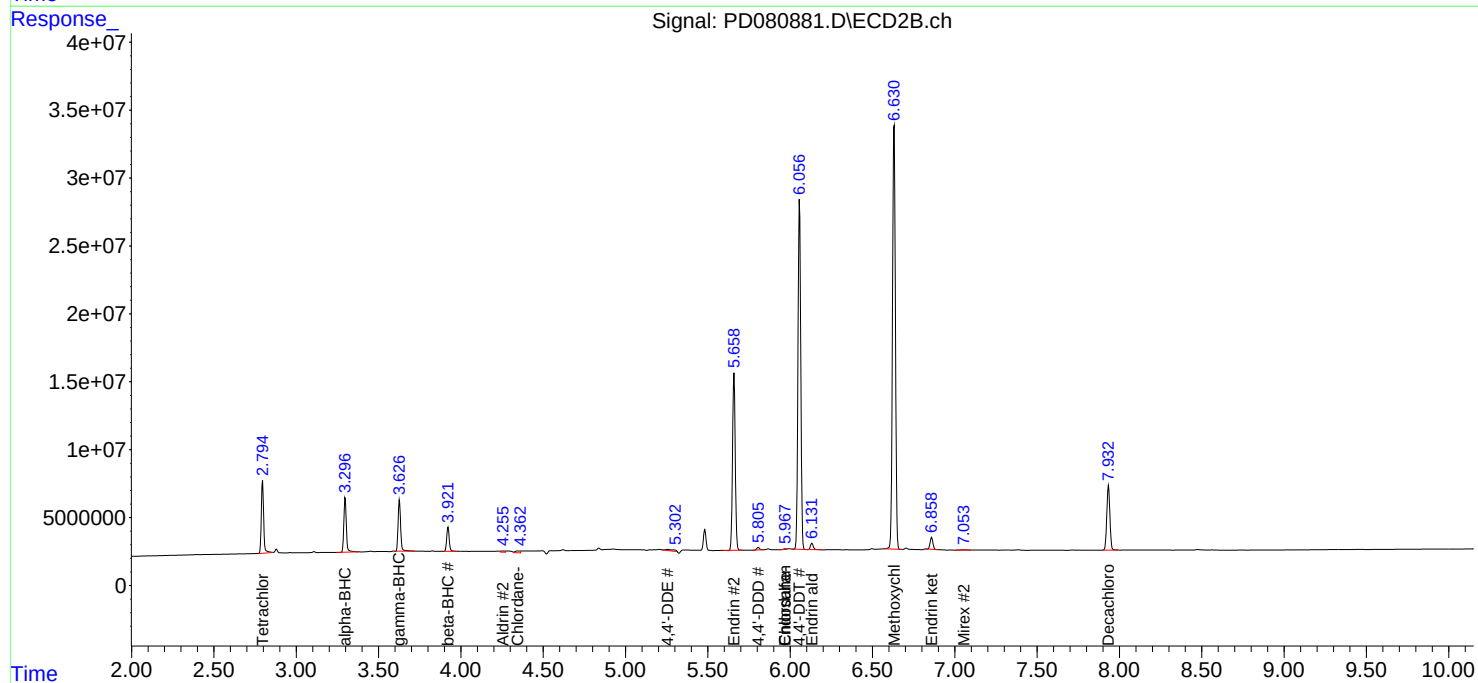
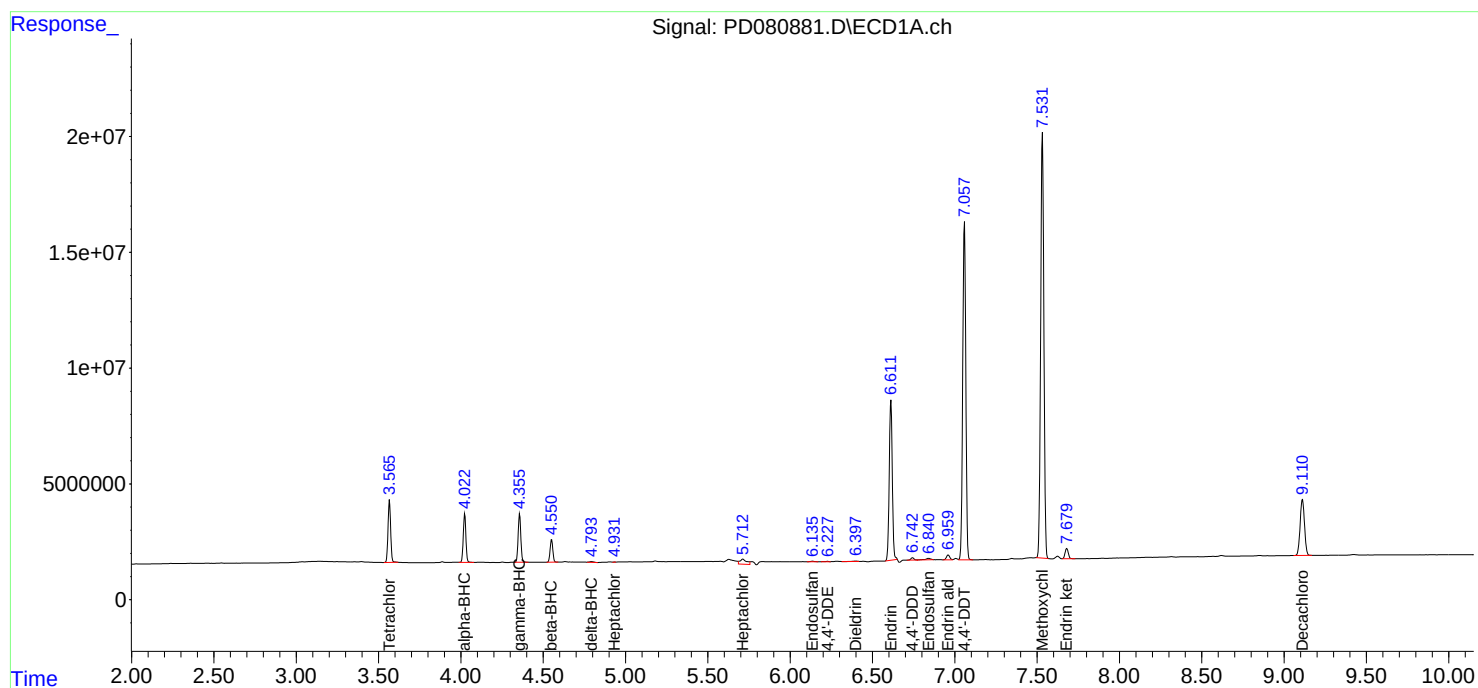
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

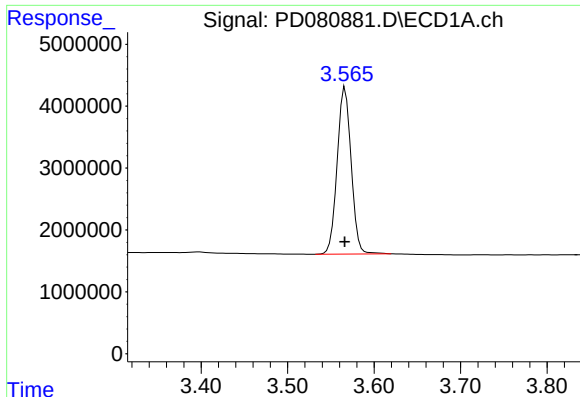
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012524\
Data File : PD080881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 09:53
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

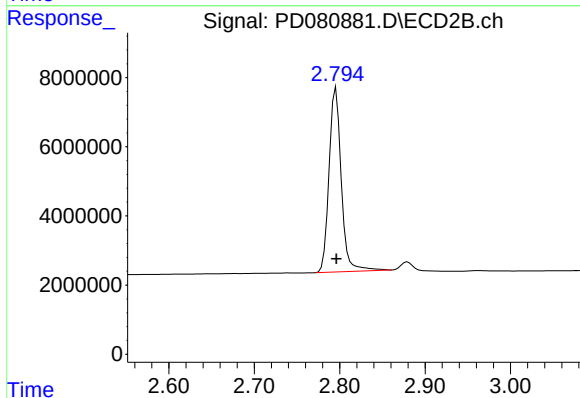




#1 Tetrachloro-m-xylene

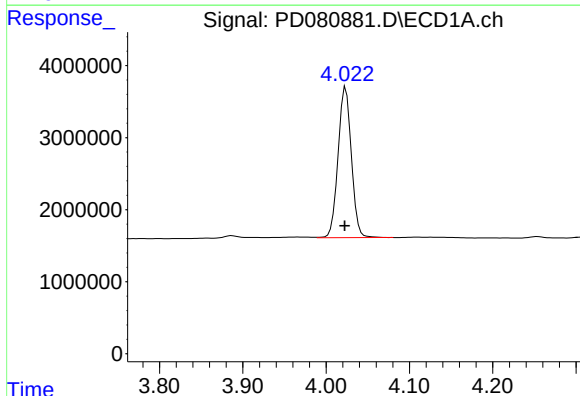
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 30120131
Conc: 21.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



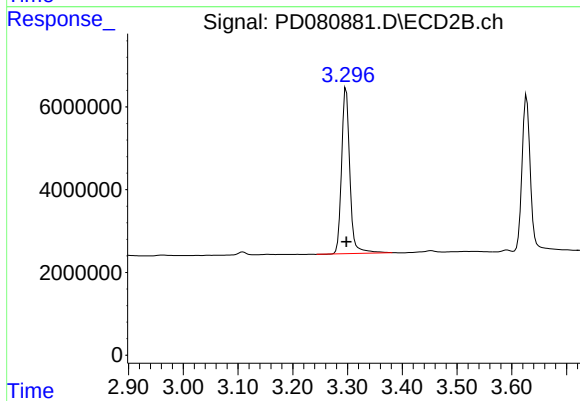
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 53112623
Conc: 22.20 ng/ml



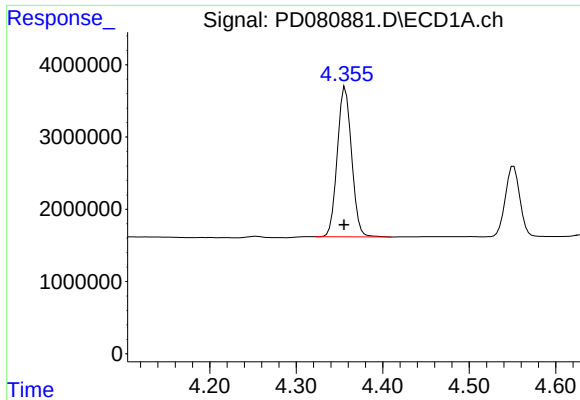
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 23264493
Conc: 9.37 ng/ml



#2 alpha-BHC

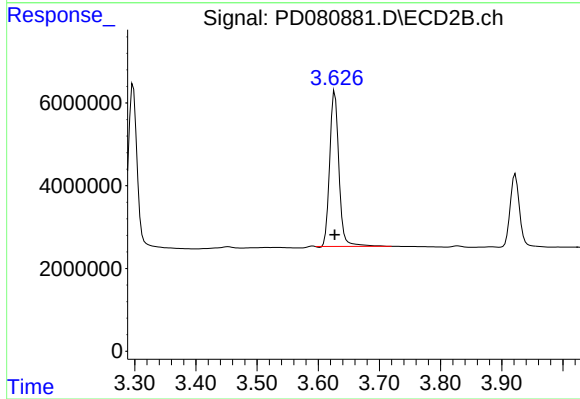
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 41984690
Conc: 10.94 ng/ml



#3 gamma-BHC (Lindane)

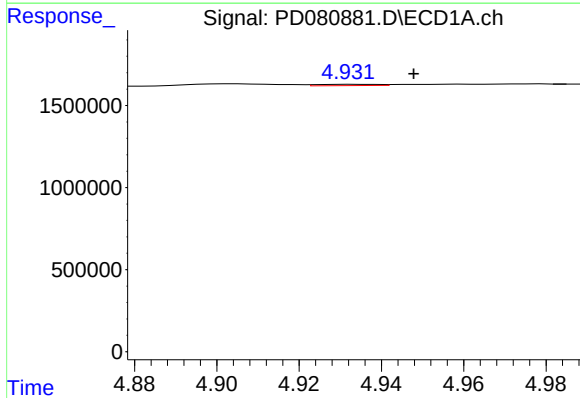
R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 23693431
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



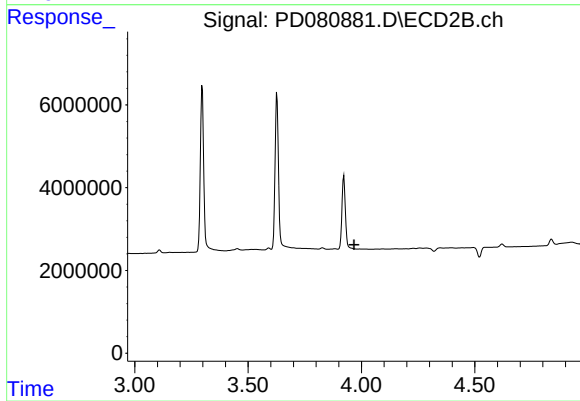
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 39331272
Conc: 10.52 ng/ml



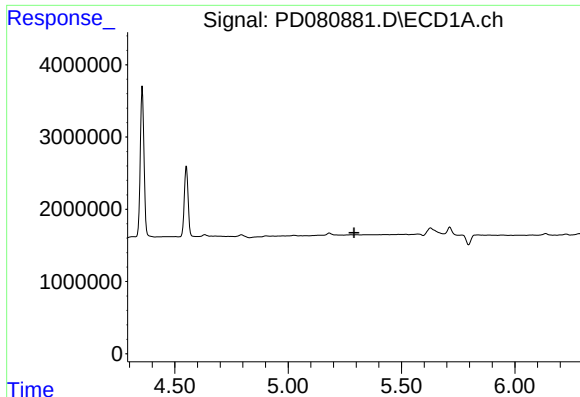
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: -0.015 min
Response: 75360
Conc: 0.03 ng/ml



#4 Heptachlor

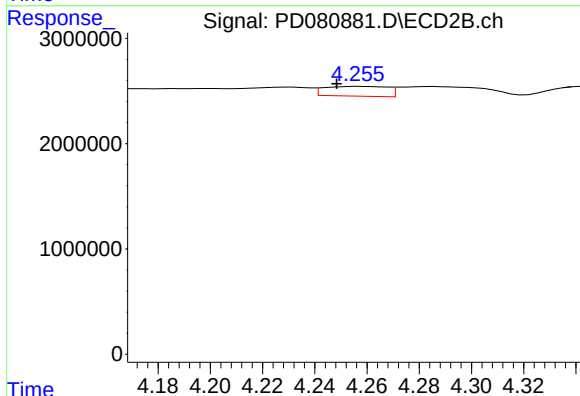
R.T.: 0.000 min
Exp R.T. : 3.968 min
Response: 0
Conc: N.D.



#5 Aldrin

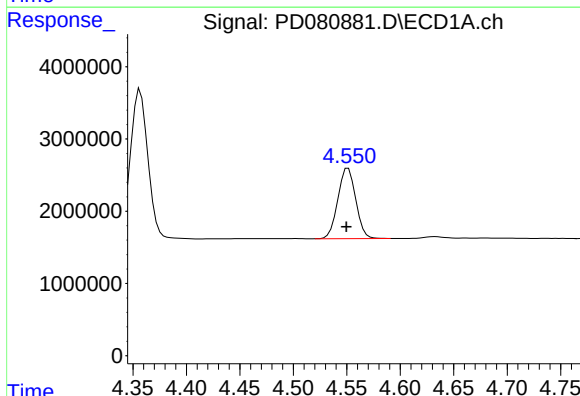
R.T.: 0.000 min
Exp R.T.: 5.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



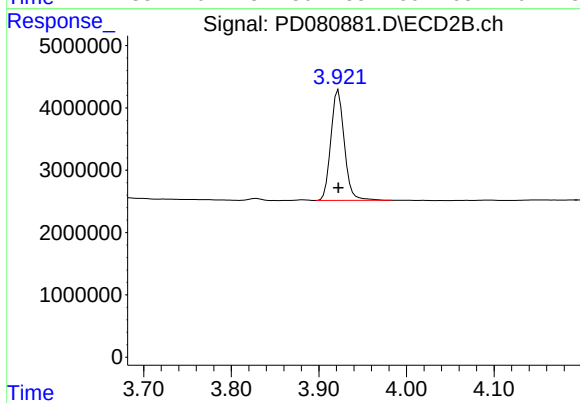
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.008 min
Response: 1540895
Conc: 0.42 ng/ml



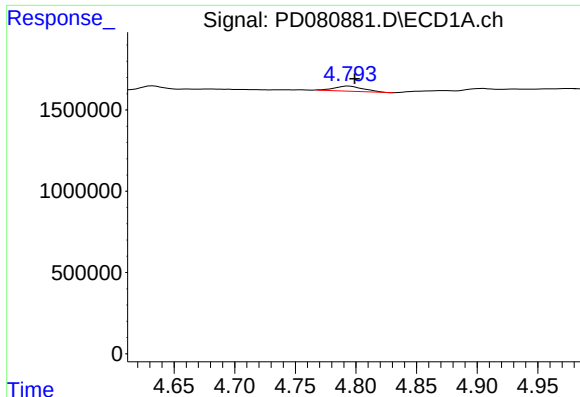
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.002 min
Response: 11348064
Conc: 11.22 ng/ml



#6 beta-BHC

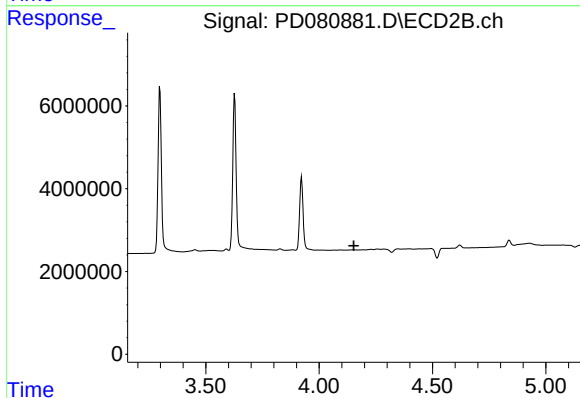
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 18943379
Conc: 12.12 ng/ml



#7 delta-BHC

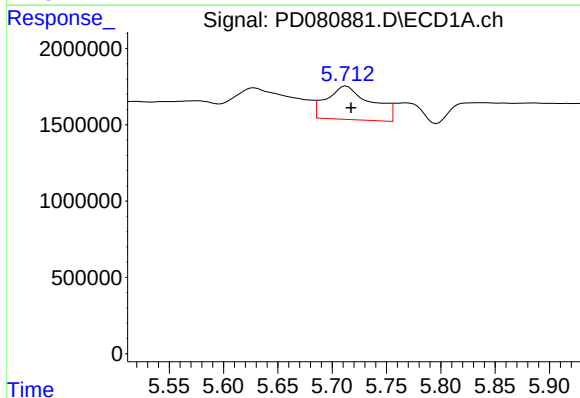
R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 522388
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



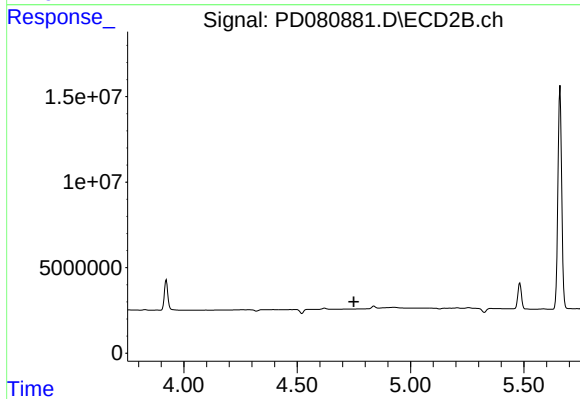
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.153 min
Response: 0
Conc: N.D.



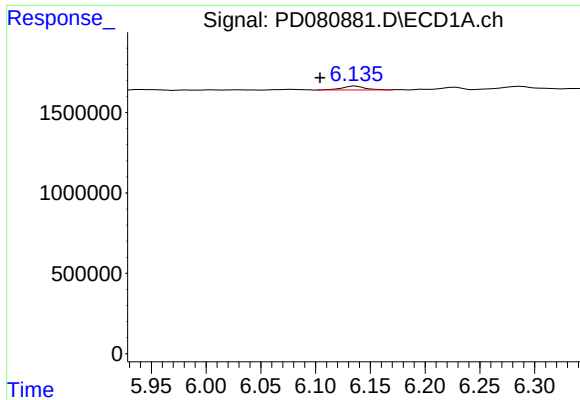
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: -0.004 min
Response: 6245832
Conc: 2.79 ng/ml



#8 Heptachlor epoxide

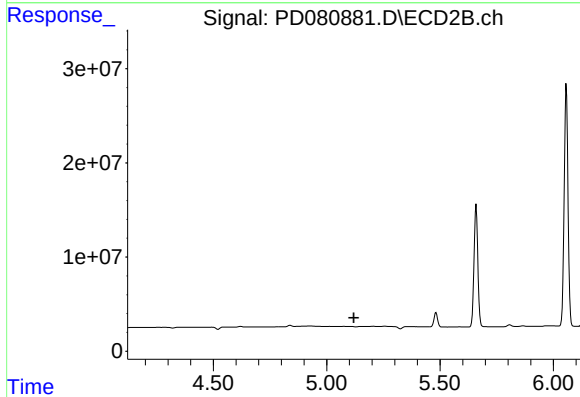
R.T.: 0.000 min
Exp R.T. : 4.750 min
Response: 0
Conc: N.D.



#9 Endosulfan I

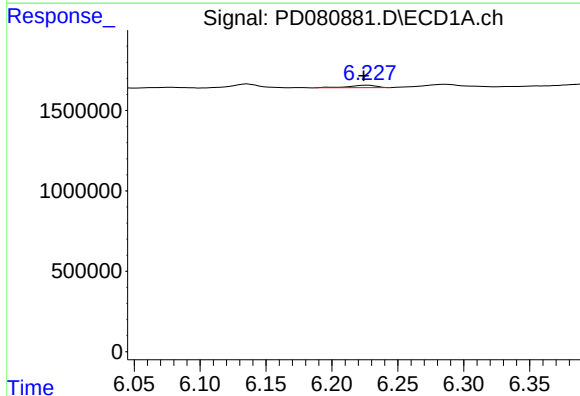
R.T.: 6.136 min
Delta R.T.: 0.032 min
Response: 367422
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



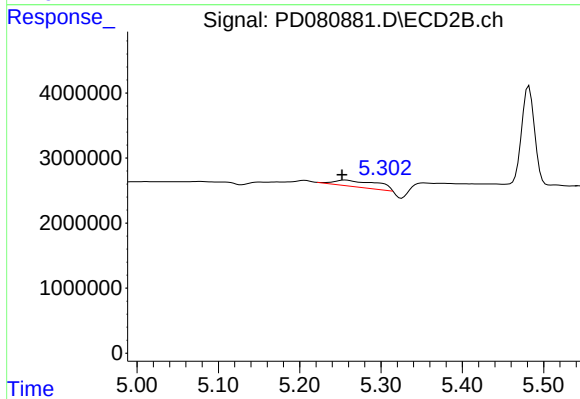
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



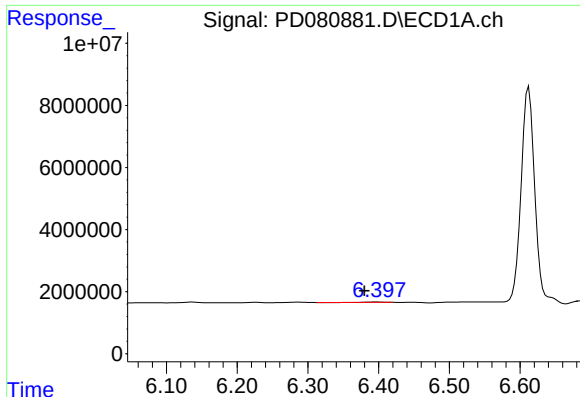
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.004 min
Response: 219427
Conc: 0.11 ng/ml



#12 4,4'-DDE

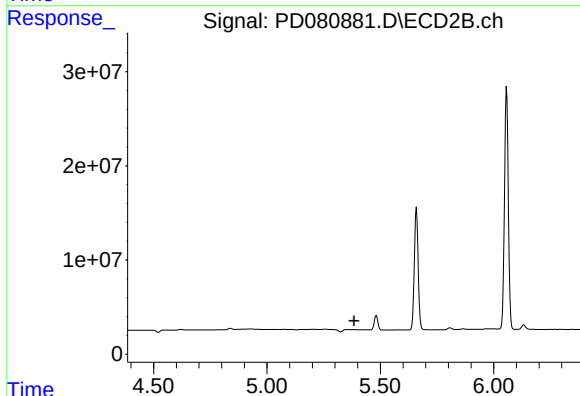
R.T.: 5.256 min
Delta R.T.: 0.004 min
Response: 3551646
Conc: 1.16 ng/ml



#13 Dieldrin

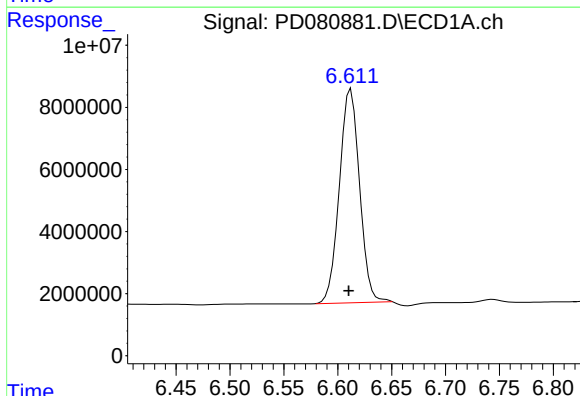
R.T.: 6.398 min
Delta R.T.: 0.018 min
Response: 181765
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



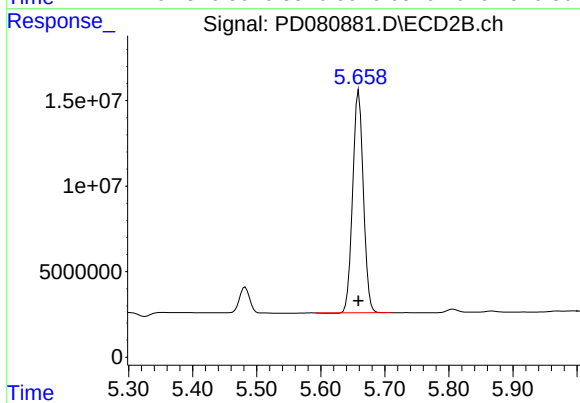
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



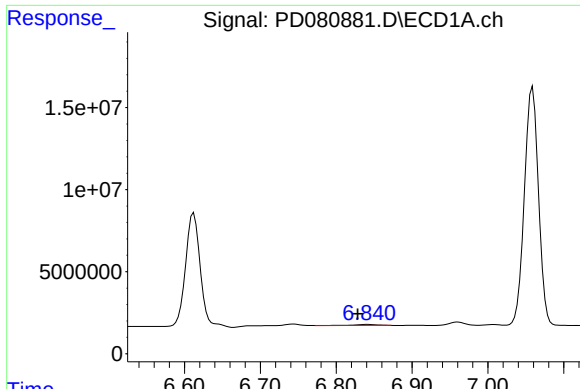
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 89958880
Conc: 48.16 ng/ml



#14 Endrin

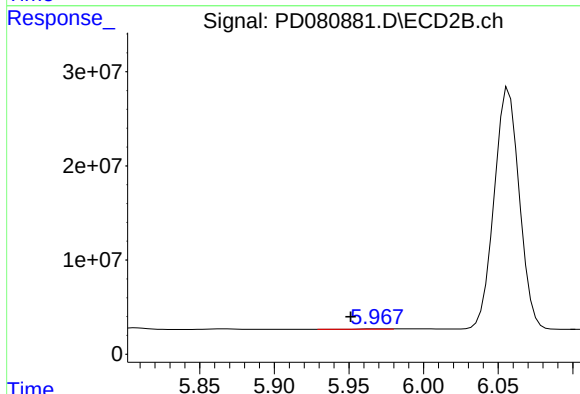
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 150572652
Conc: 50.81 ng/ml



#15 Endosulfan II

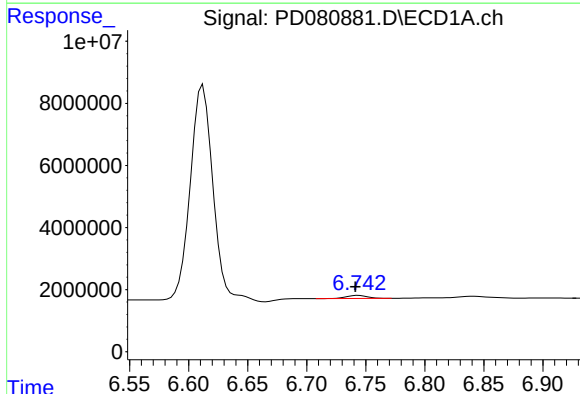
R.T.: 6.841 min
Delta R.T.: 0.013 min
Response: 1298584
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



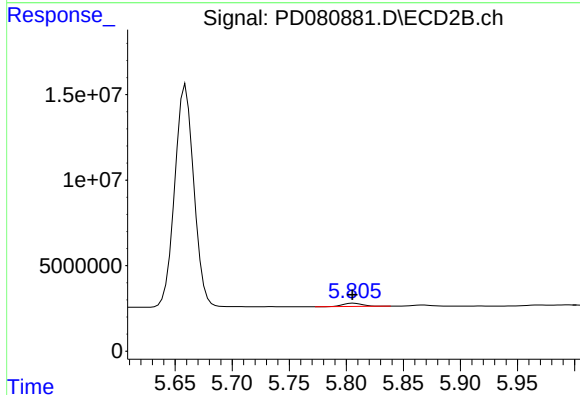
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.018 min
Response: 434399
Conc: 0.15 ng/ml



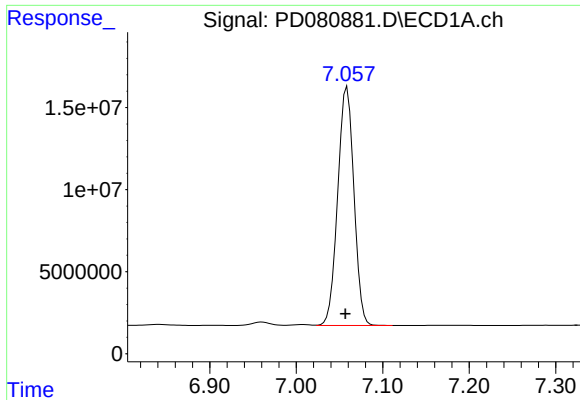
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 1256874
Conc: 0.76 ng/ml



#16 4,4'-DDD

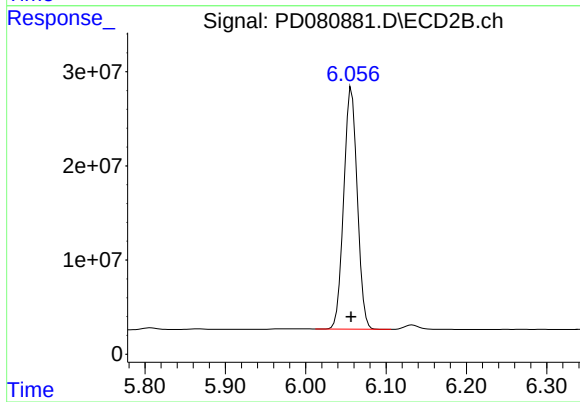
R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 2296835
Conc: 0.87 ng/ml



#17 4,4'-DDT

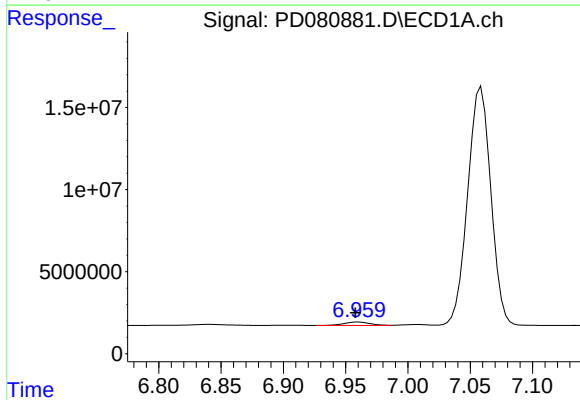
R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 188119924
Conc: 105.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



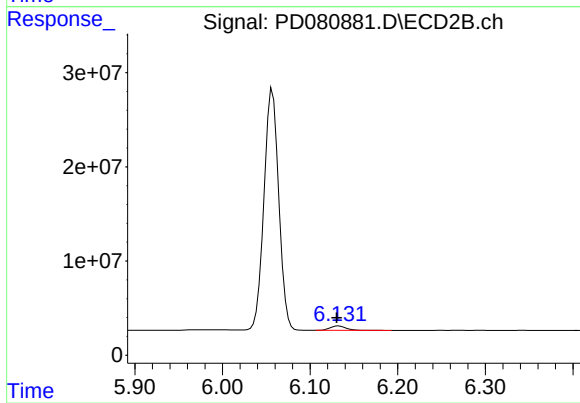
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 300198936
Conc: 113.15 ng/ml



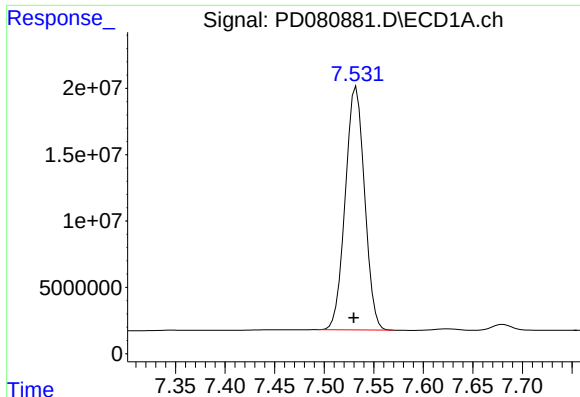
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 2943290
Conc: 1.93 ng/ml



#18 Endrin aldehyde

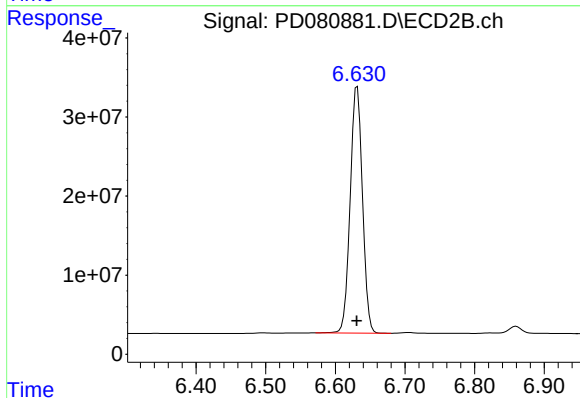
R.T.: 6.133 min
Delta R.T.: 0.002 min
Response: 5959891
Conc: 2.64 ng/ml



#20 Methoxychlor

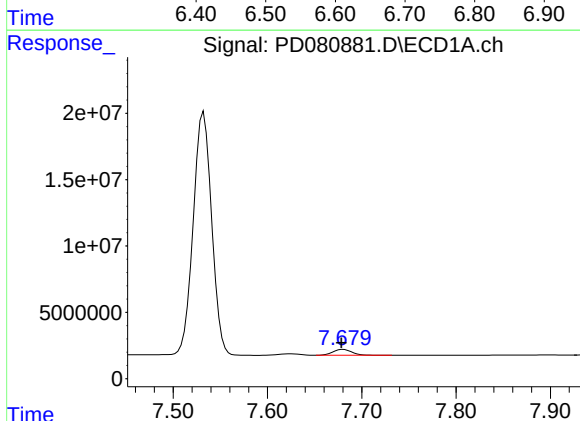
R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 248415704
Conc: 241.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



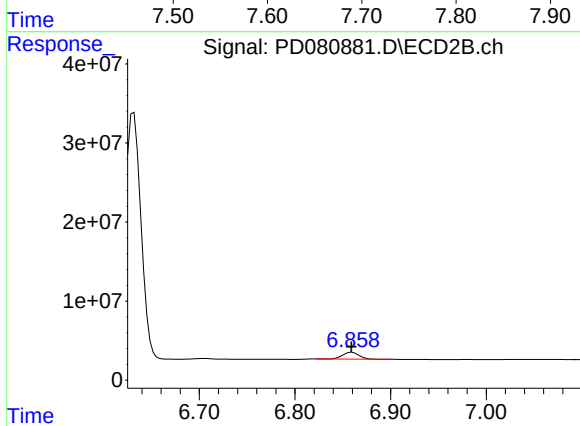
#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 382294838
Conc: 244.24 ng/ml



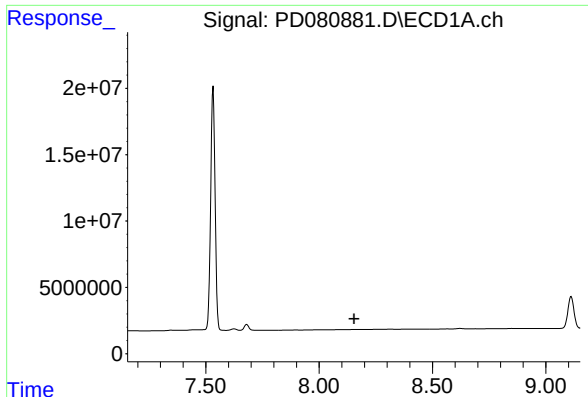
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.002 min
Response: 6082926
Conc: 2.91 ng/ml



#21 Endrin ketone

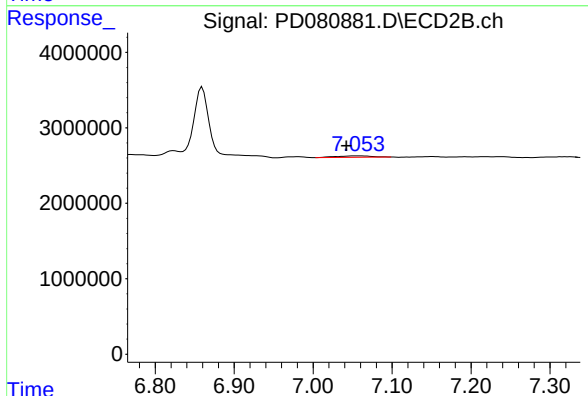
R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 10292501
Conc: 3.19 ng/ml



#22 Mirex

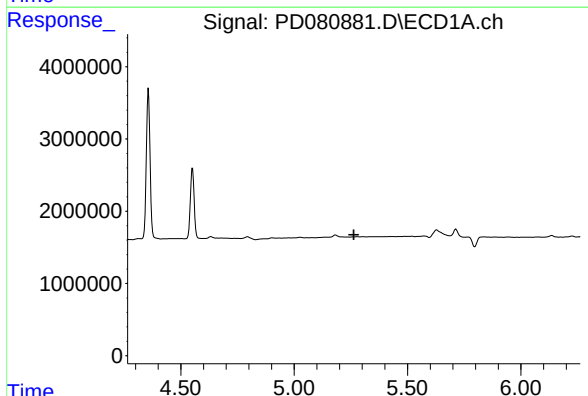
R.T.: 0.000 min
Exp R.T.: 8.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



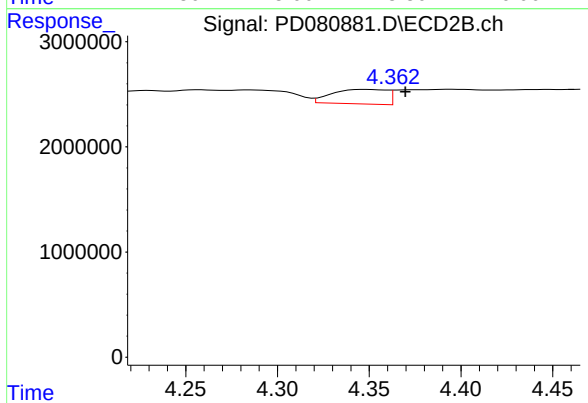
#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.012 min
Response: 634890
Conc: 0.25 ng/ml



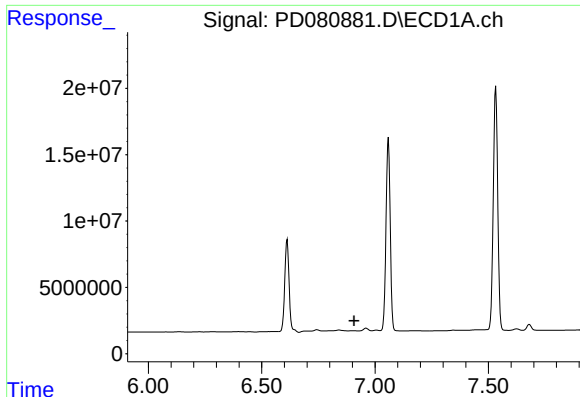
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.263 min
Response: 0
Conc: N.D.



#24 Chlordane-2

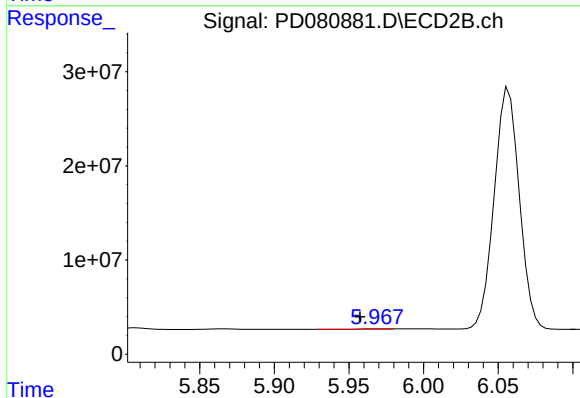
R.T.: 4.348 min
Delta R.T.: -0.022 min
Response: 2871312
Conc: 23.43 ng/ml



#27 Chlordane-5

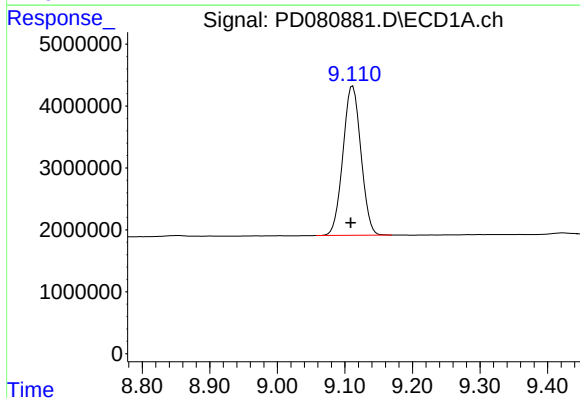
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



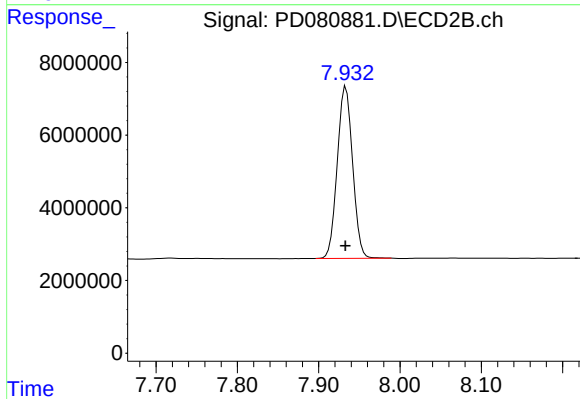
#27 Chlordane-5

R.T.: 5.969 min
Delta R.T.: 0.012 min
Response: 434399
Conc: 3.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.003 min
Response: 44533718
Conc: 22.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 61921129
Conc: 23.25 ng/ml