

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031224\
 Data File : PD082098.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2024 16:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 04:20:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031224.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 12 04:17:44 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...	3.563	2.790	27413682	55795092	18.760	19.981
2)	SA Decachlor...	9.115	7.927	43392246	58693390	21.102	20.628
Target Compounds							
2)	A alpha-BHC	4.020	3.292	21365673	42686227	8.427	9.906
3)	MA gamma-BHC...	4.353	3.621	21539550	39043565	8.545	9.484
5)	MB Aldrin	0.000	4.251	0	238430	N.D.	0.061 #
6)	B beta-BHC	4.549	3.917	10215617	18536599	9.732	10.950
7)	B delta-BHC	4.790	0.000	549088	0	0.211	N.D. #
8)	B Heptachlo...	5.710	0.000	162766	0	0.069	N.D. #
12)	B 4,4'-DDE	6.226	5.248	251070	648768	0.112	0.203 #
13)	MA Dieldrin	6.396f	0.000	501600	0	0.215	N.D. #
14)	MA Endrin	6.610	5.653	83441469	137.8E6	45.901	46.664
15)	B Endosulfa...	6.844	5.961	1572307	341509	0.785	0.114 #
16)	A 4,4'-DDD	6.742	5.800	1942292	3423830	1.141	1.240
17)	MA 4,4'-DDT	7.058	6.050	177.0E6	275.3E6	100.090	102.464
18)	B Endrin al...	6.959	6.126	3188727	6460655	2.061	2.721 #
19)	B Endosulfa...	0.000	6.335	0	303204	N.D.	0.104 #
20)	A Methoxychlor	7.533	6.625	236.9E6	346.9E6	232.672	227.263
21)	B Endrin ke...	7.681	6.854	6588133	12117280	2.958	3.511
22)	Mirex	8.178f	0.000	168061	0	0.103	N.D. #
23)	Chlordane-1	0.000	3.821f	0	308546	N.D.	2.943 #
24)	Chlordane-2	0.000	4.342f	0	346654	N.D.	2.829 #
27)	Chlordane-5	0.000	5.961	0	341509	N.D.	2.851 #

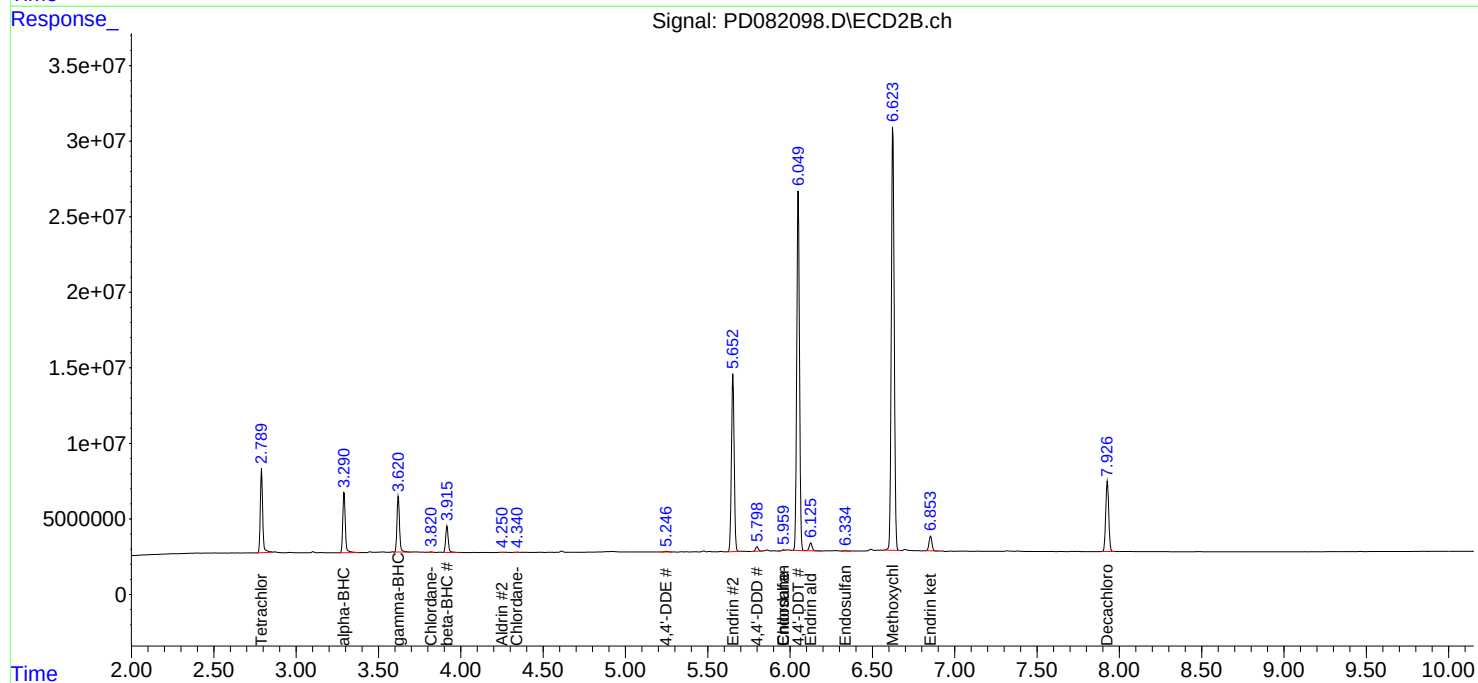
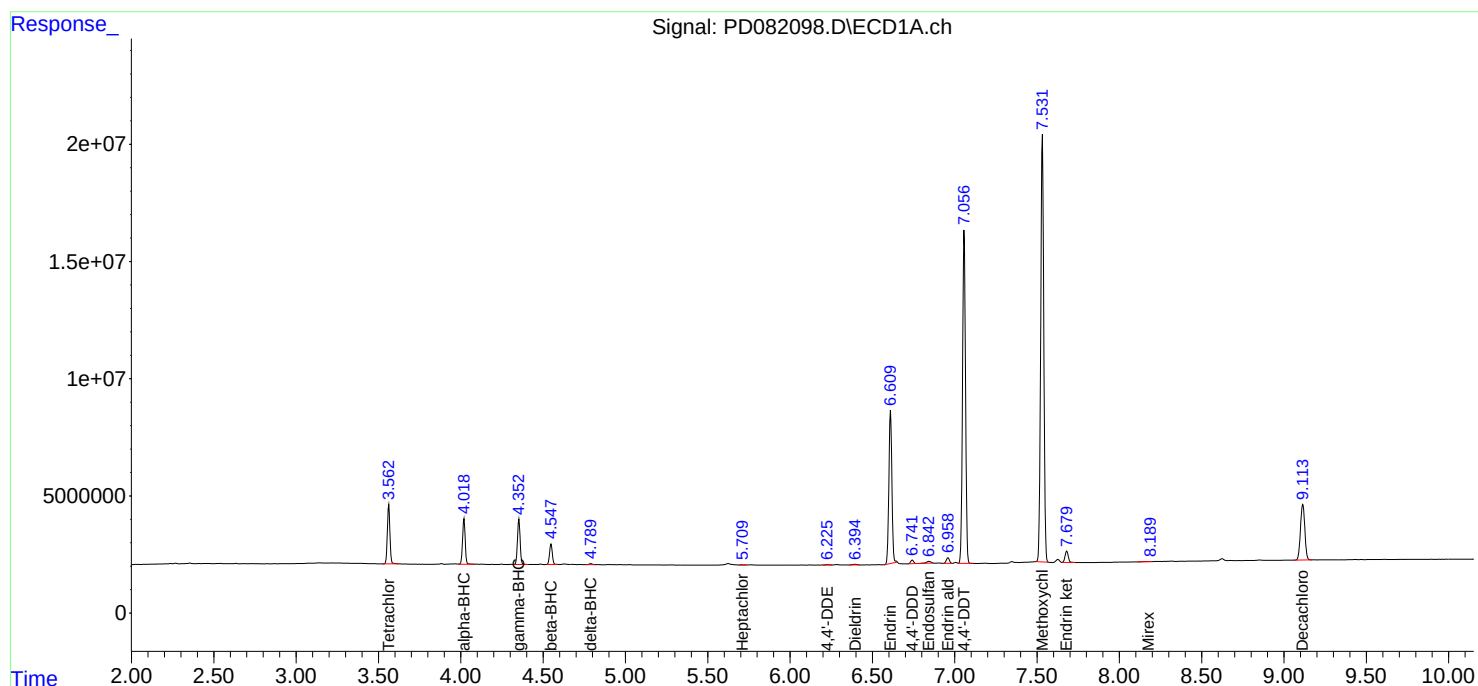
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

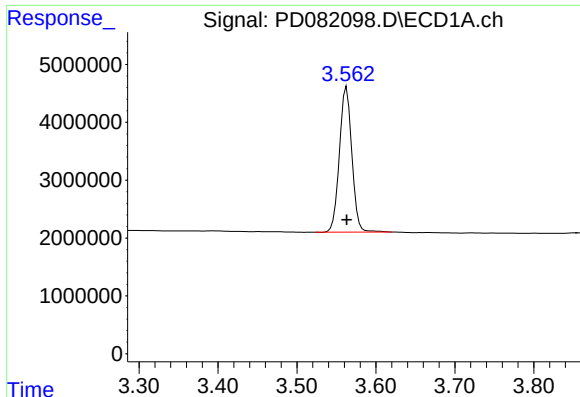
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031224\
Data File : PD082098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2024 16:54
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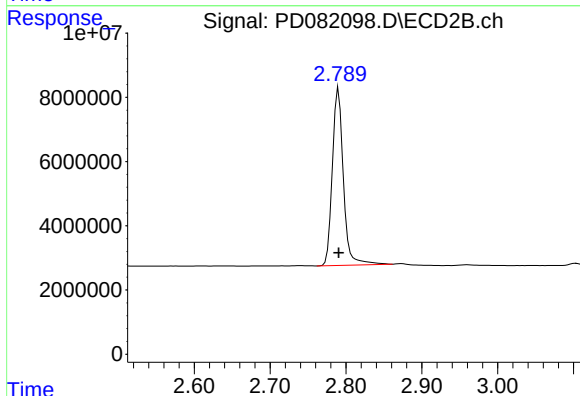




#1 Tetrachloro-m-xylene

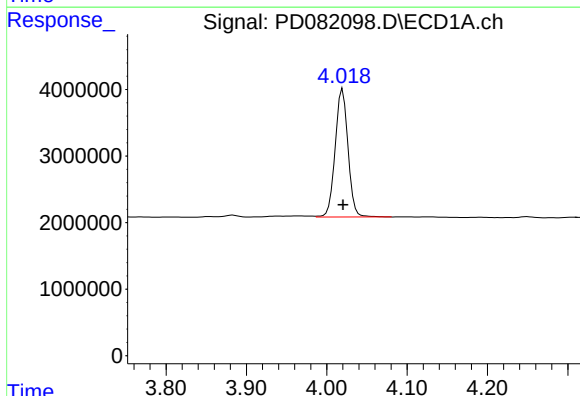
R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 27413682
Conc: 18.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



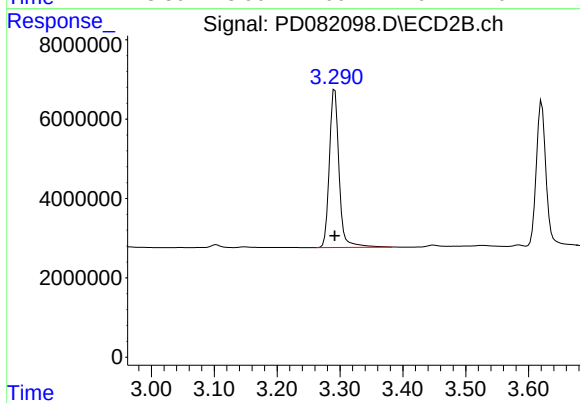
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 55795092
Conc: 19.98 ng/ml



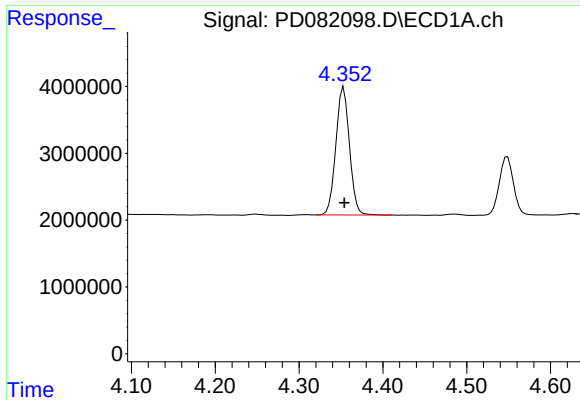
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 21365673
Conc: 8.43 ng/ml



#2 alpha-BHC

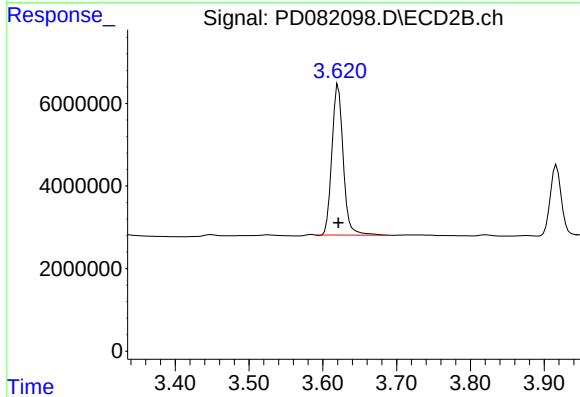
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 42686227
Conc: 9.91 ng/ml



#3 gamma-BHC (Lindane)

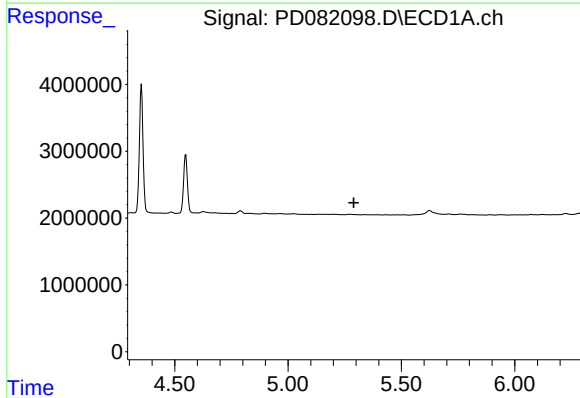
R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 21539550
Conc: 8.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



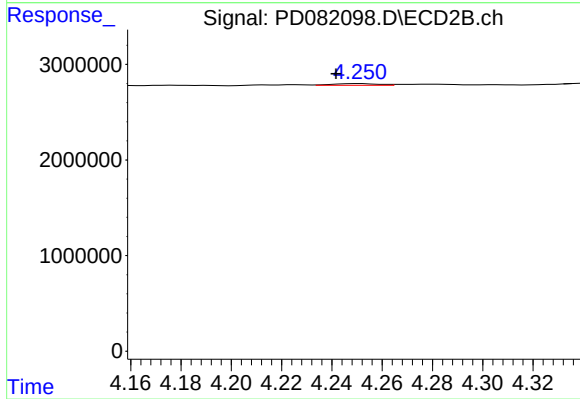
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 39043565
Conc: 9.48 ng/ml



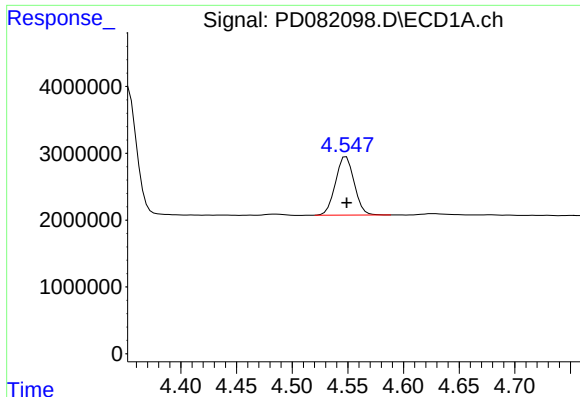
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.290 min
Response: 0
Conc: N.D.



#5 Aldrin

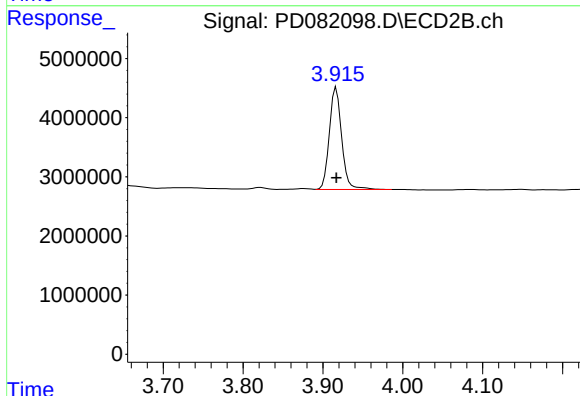
R.T.: 4.251 min
Delta R.T.: 0.010 min
Response: 238430
Conc: 0.06 ng/ml



#6 beta-BHC

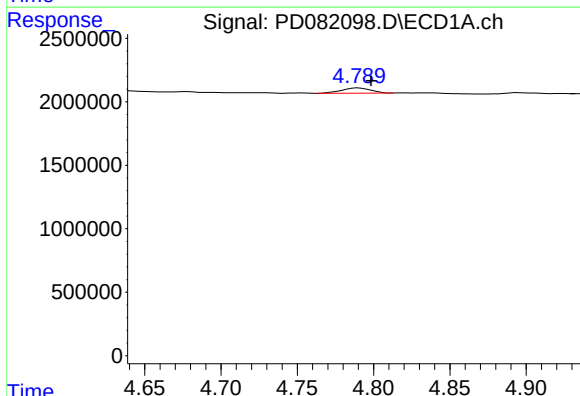
R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 10215617
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



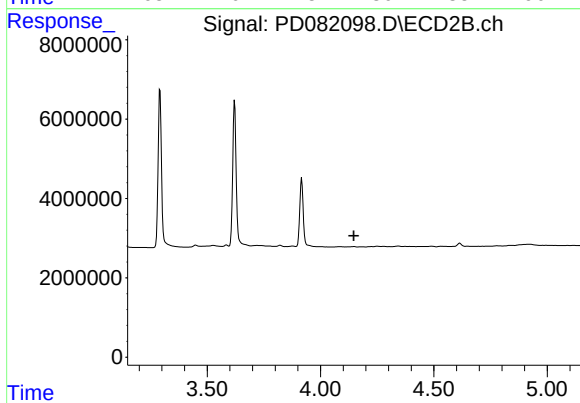
#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 18536599
Conc: 10.95 ng/ml



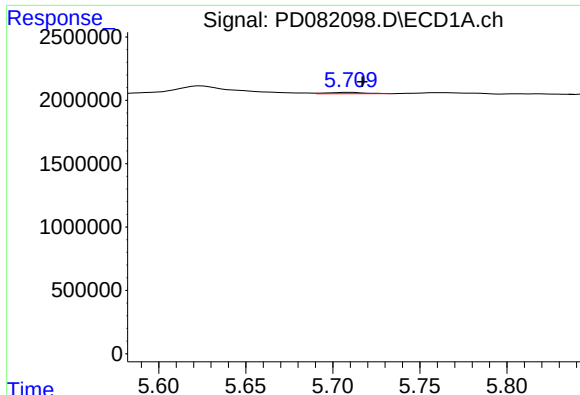
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.008 min
Response: 549088
Conc: 0.21 ng/ml



#7 delta-BHC

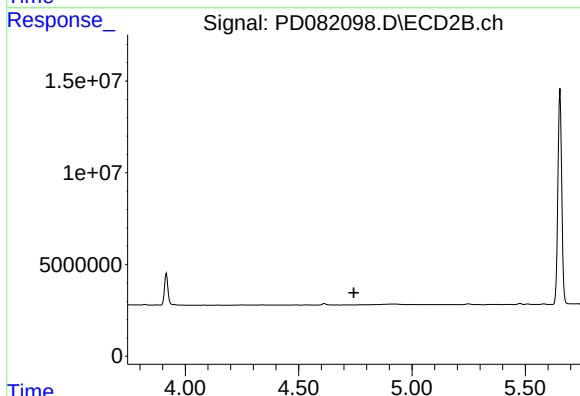
R.T.: 0.000 min
Exp R.T. : 4.147 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

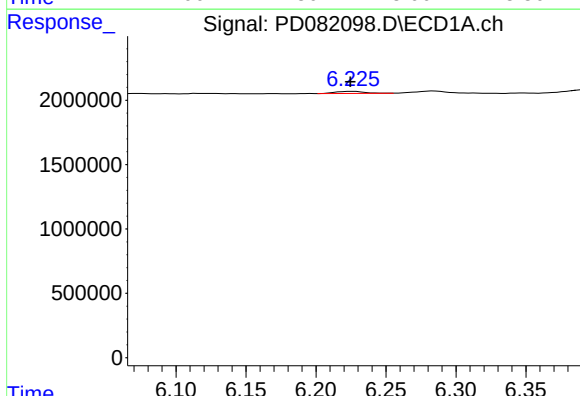
R.T.: 5.710 min
Delta R.T.: -0.007 min
Response: 162766
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



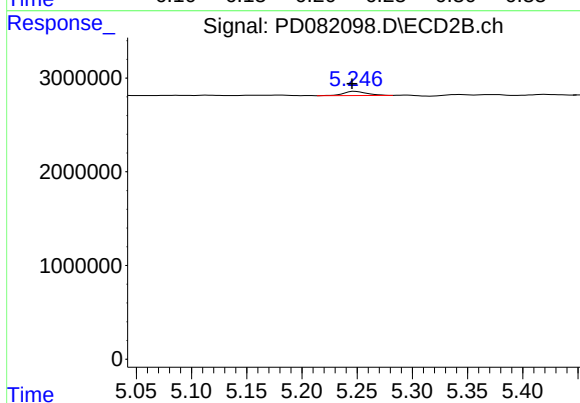
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



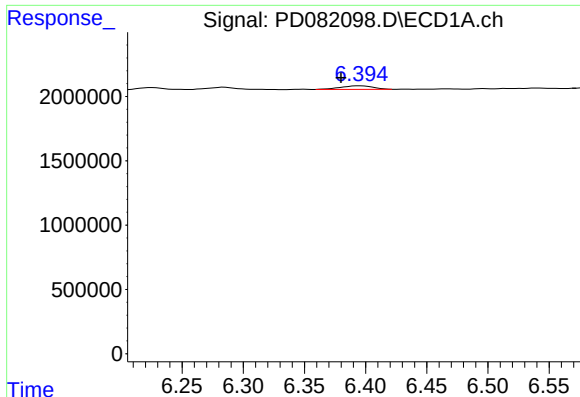
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.001 min
Response: 251070
Conc: 0.11 ng/ml



#12 4,4'-DDE

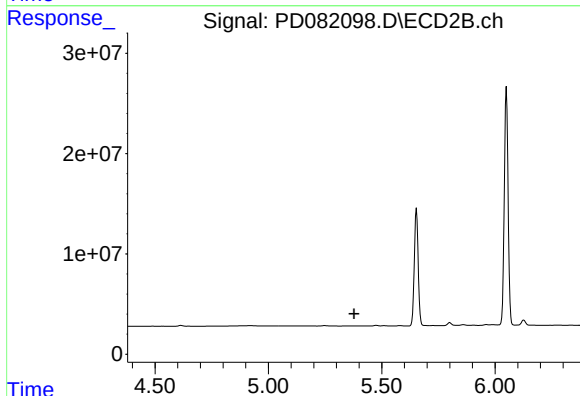
R.T.: 5.248 min
Delta R.T.: 0.003 min
Response: 648768
Conc: 0.20 ng/ml



#13 Dieldrin

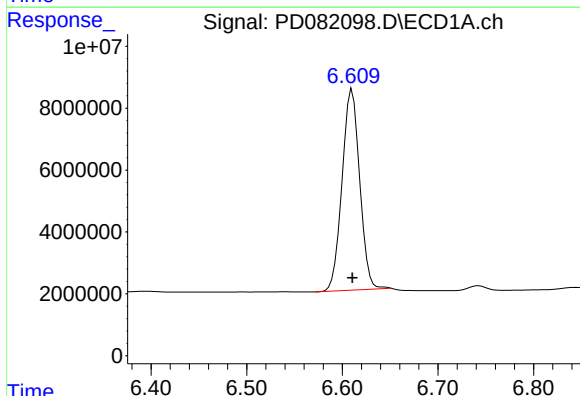
R.T.: 6.396 min
Delta R.T.: 0.016 min
Response: 501600
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



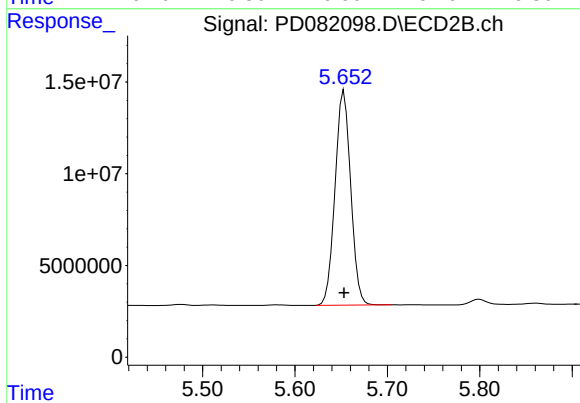
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.378 min
Response: 0
Conc: N.D.



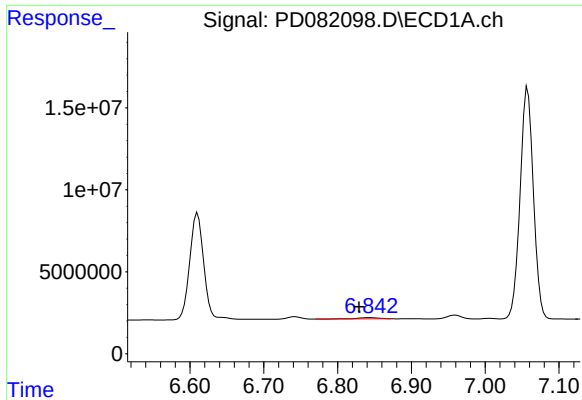
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 83441469
Conc: 45.90 ng/ml



#14 Endrin

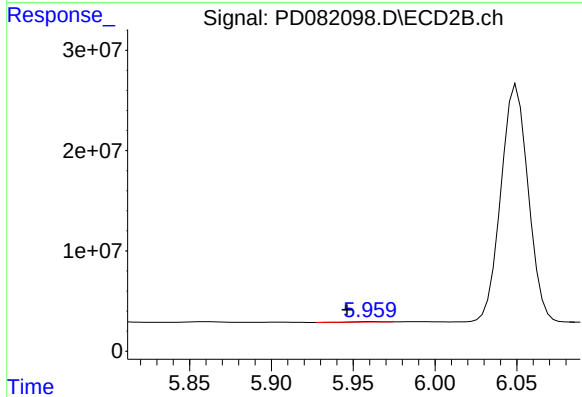
R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 137772501
Conc: 46.66 ng/ml



#15 Endosulfan II

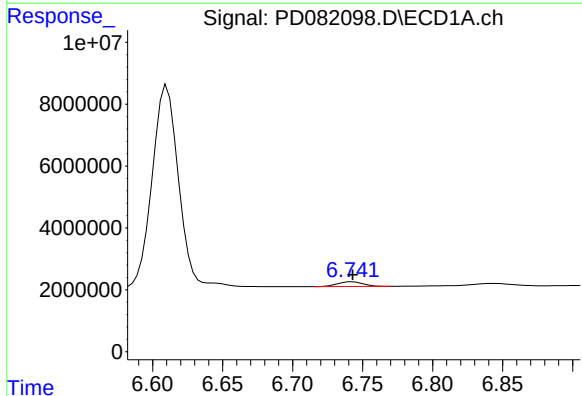
R.T.: 6.844 min
Delta R.T.: 0.015 min
Response: 1572307
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



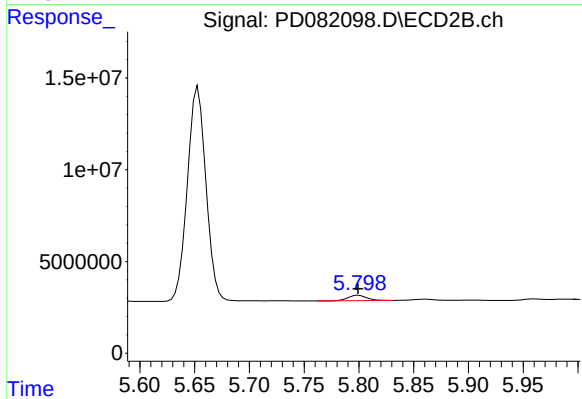
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.015 min
Response: 341509
Conc: 0.11 ng/ml



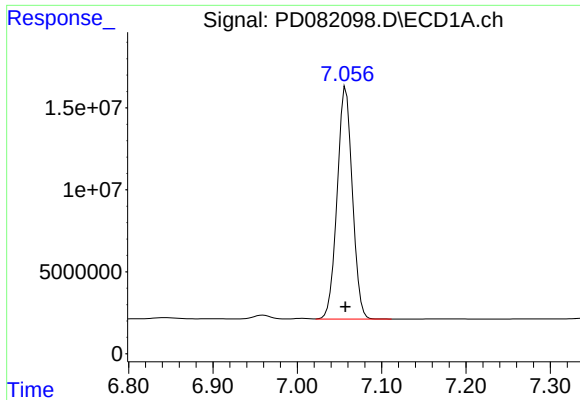
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 1942292
Conc: 1.14 ng/ml



#16 4,4'-DDD

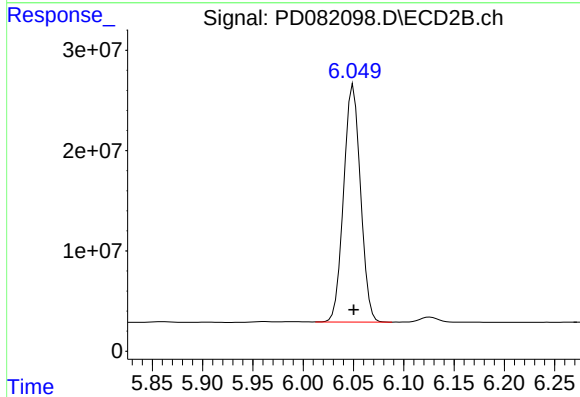
R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 3423830
Conc: 1.24 ng/ml



#17 4,4'-DDT

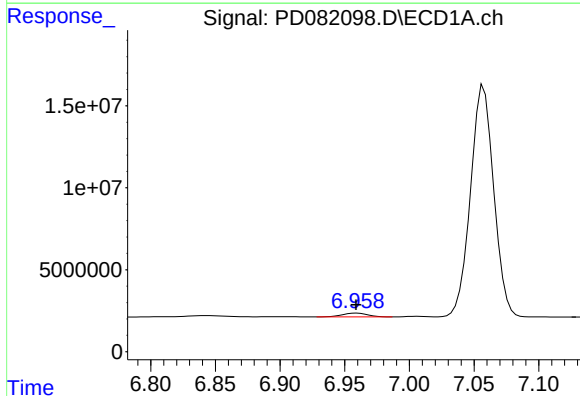
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 177036288
Conc: 100.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



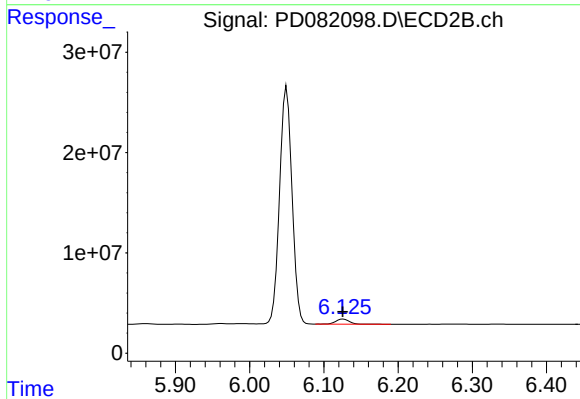
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 275258052
Conc: 102.46 ng/ml



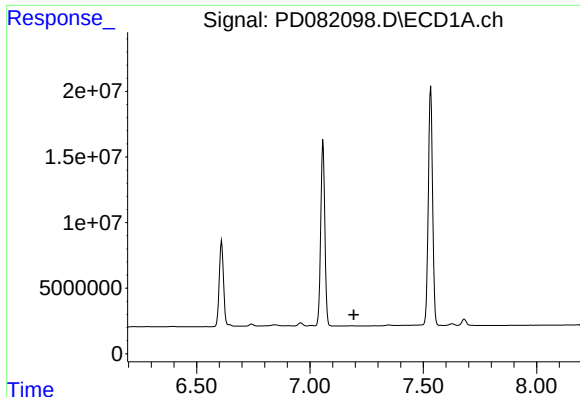
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 3188727
Conc: 2.06 ng/ml



#18 Endrin aldehyde

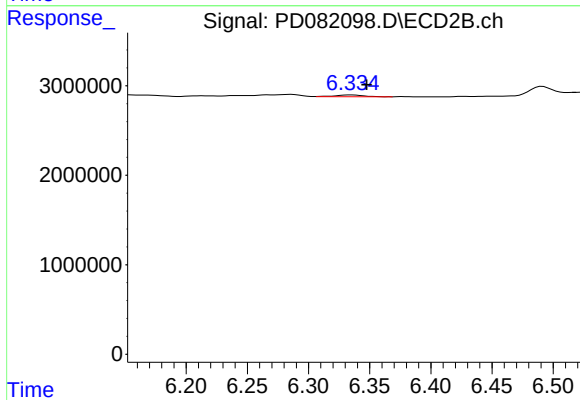
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 6460655
Conc: 2.72 ng/ml



#19 Endosulfan Sulfate

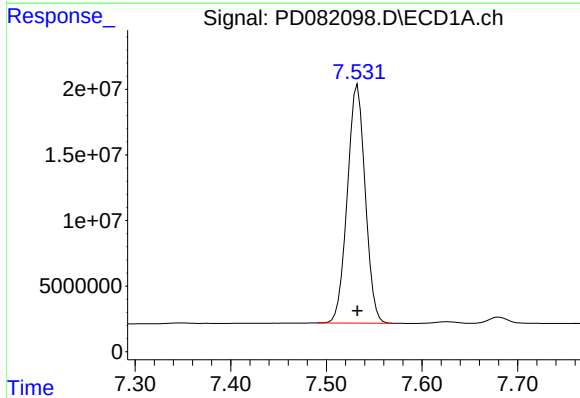
R.T.: 0.000 min
Exp R.T.: 7.194 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



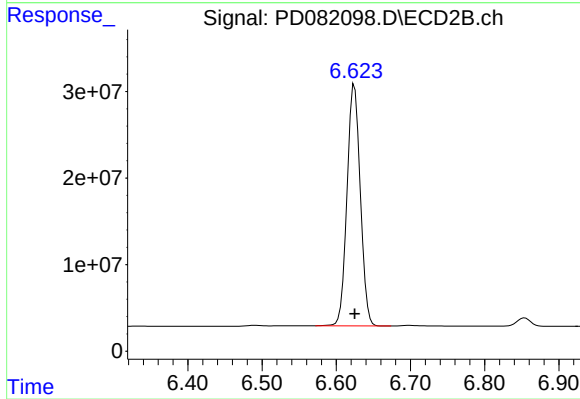
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.013 min
Response: 303204
Conc: 0.10 ng/ml



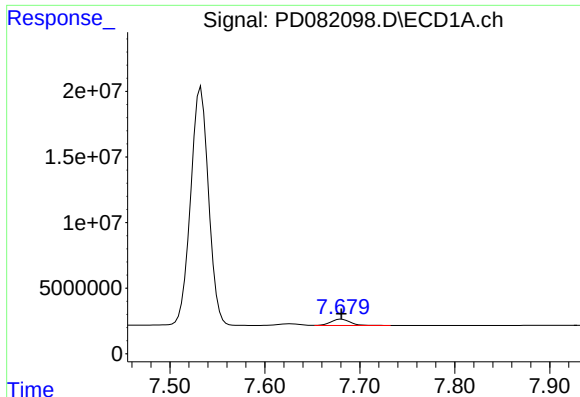
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 236912381
Conc: 232.67 ng/ml



#20 Methoxychlor

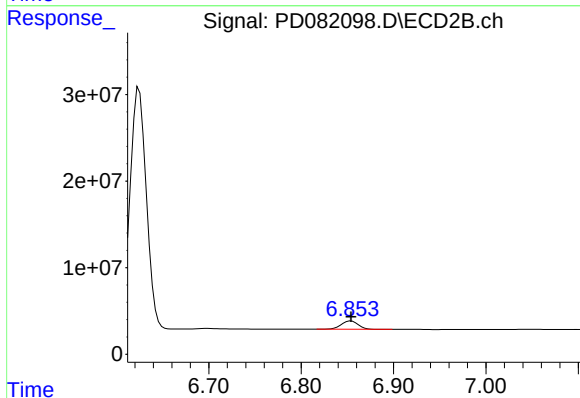
R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 346864159
Conc: 227.26 ng/ml



#21 Endrin ketone

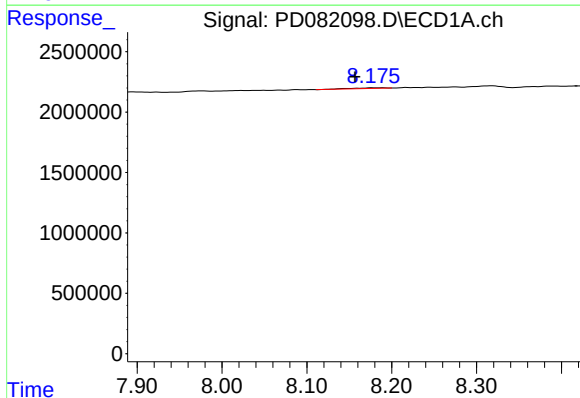
R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 6588133
Conc: 2.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



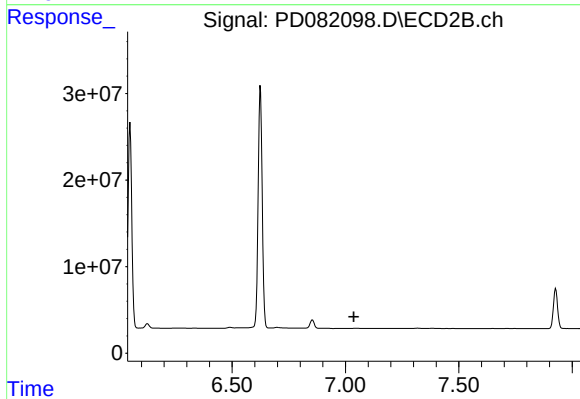
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 12117280
Conc: 3.51 ng/ml



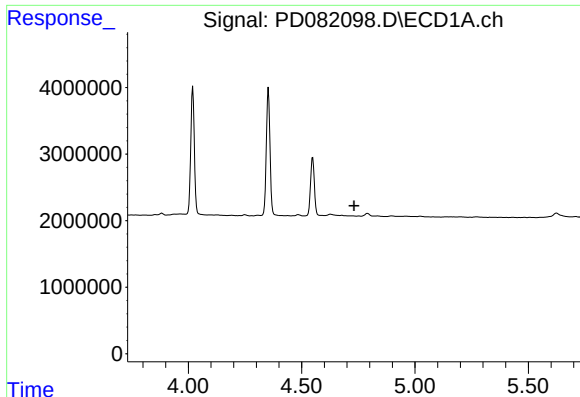
#22 Mirex

R.T.: 8.178 min
Delta R.T.: 0.021 min
Response: 168061
Conc: 0.10 ng/ml



#22 Mirex

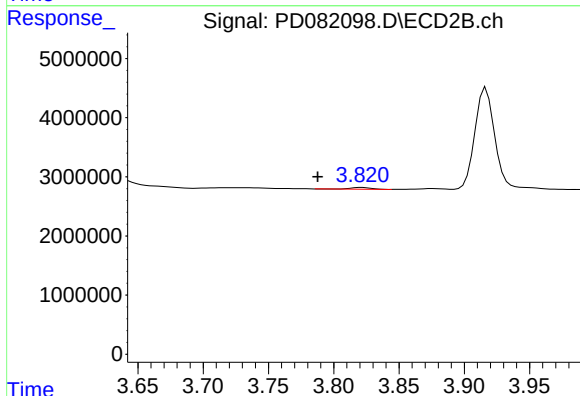
R.T.: 0.000 min
Exp R.T. : 7.036 min
Response: 0
Conc: N.D.



#23 Chlordane-1

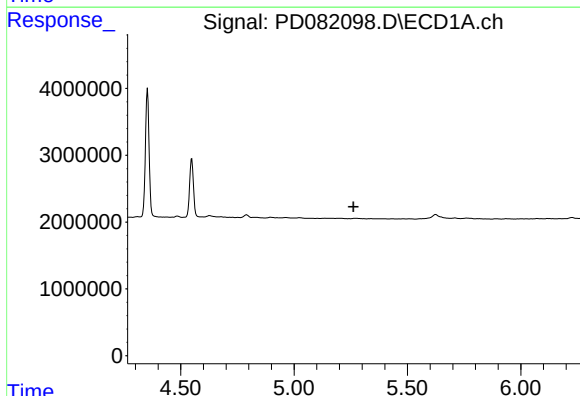
R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



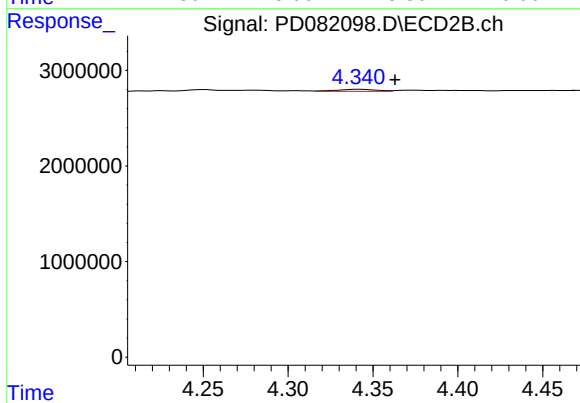
#23 Chlordane-1

R.T.: 3.821 min
Delta R.T.: 0.034 min
Response: 308546
Conc: 2.94 ng/ml



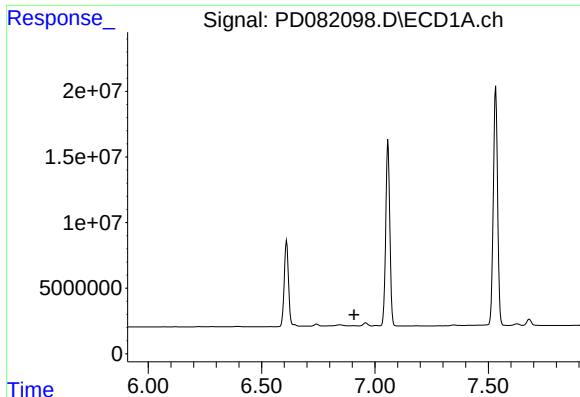
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.



#24 Chlordane-2

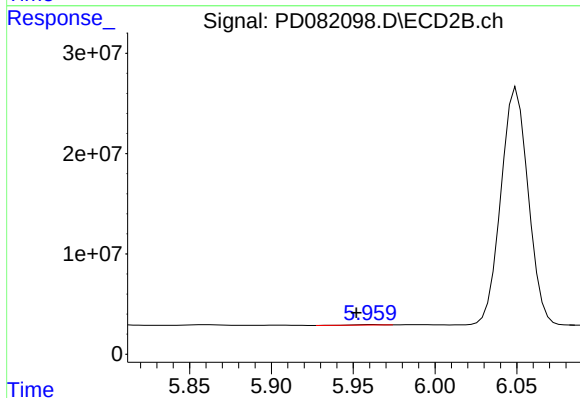
R.T.: 4.342 min
Delta R.T.: -0.021 min
Response: 346654
Conc: 2.83 ng/ml



#27 Chlordane-5

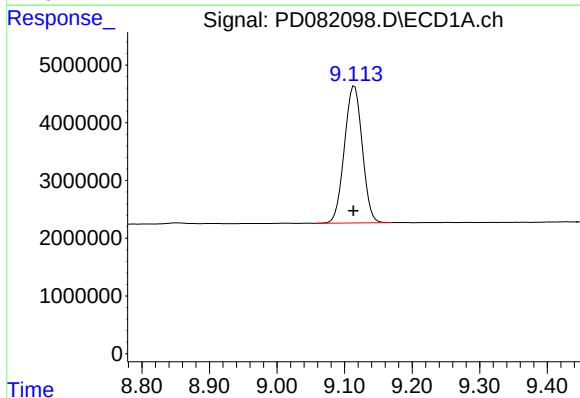
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



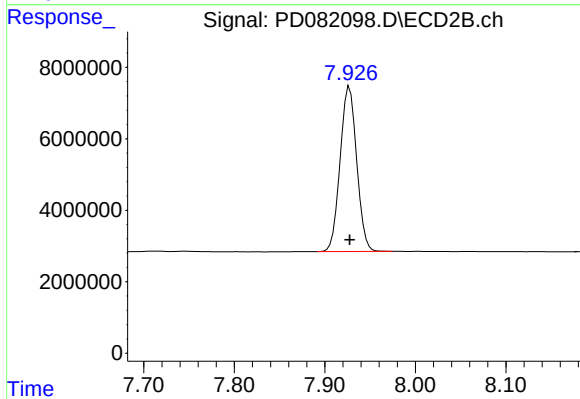
#27 Chlordane-5

R.T.: 5.961 min
Delta R.T.: 0.009 min
Response: 341509
Conc: 2.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.002 min
Response: 43392246
Conc: 21.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 58693390
Conc: 20.63 ng/ml