

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031723\
 Data File : PD074273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2023 12:47
 Operator : AR\AJ
 Sample : 01627-01
 Misc : CHLOR LOD 25PPB SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 22:15:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031423.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 15 12:23:31 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...	3.559	2.771	44240755	22987148	18.966	18.888
28)	SA Decachlor...	9.113	7.931	57470665	25149191	21.488	20.498
Target Compounds							
2)	A alpha-BHC	4.032f	0.000	213005	0	0.055	N.D. #
4)	MA Heptachlor	4.943	3.948	5322802	1905916	1.553	1.117 #
5)	MB Aldrin	5.259f	4.248f	4148190	278902	1.232	0.165 #
7)	B delta-BHC	4.789	4.132	8874831	238255	3.234	0.140 #
8)	B Heptachlo...	5.698	0.000	3267432	0	1.162	N.D. #
9)	A Endosulfan I	0.000	5.093	0	414092	N.D.	0.288 #
10)	B gamma-Chl...	5.971	4.984	12847840	4267414	4.281	2.748 #
11)	B alpha-Chl...	6.054	5.048	16809788	4146324	5.574	2.692 #
12)	B 4,4'-DDE	6.210	0.000	291454	0	0.106	N.D. #
13)	MA Dieldrin	6.379	0.000	874034	0	0.296	N.D. #
14)	MA Endrin	0.000	5.657	0	305135	N.D.	0.233 #
15)	B Endosulfa...	6.808	5.946	414061	1474074	0.161	1.172 #
16)	A 4,4'-DDD	6.712f	0.000	2229107	0	0.994	N.D. #
19)	B Endosulfa...	7.195	0.000	69892	0	0.028	N.D. #
21)	B Endrin ke...	7.680	0.000	2535610	0	0.911	N.D. #
23)	Chlordane-1	4.727	3.775	5155032	1300323	43.233	25.804 #
24)	Chlordane-2	5.259	4.353	4148190	1680631	30.959	28.837
25)	Chlordane-3	5.971	4.984	12847840	4267414	25.971	25.423
26)	Chlordane-4	6.054	5.048	16809788	4146324	27.982	25.700
27)	Chlordane-5	6.906	5.946	-200799	1474074	N.D.	24.420

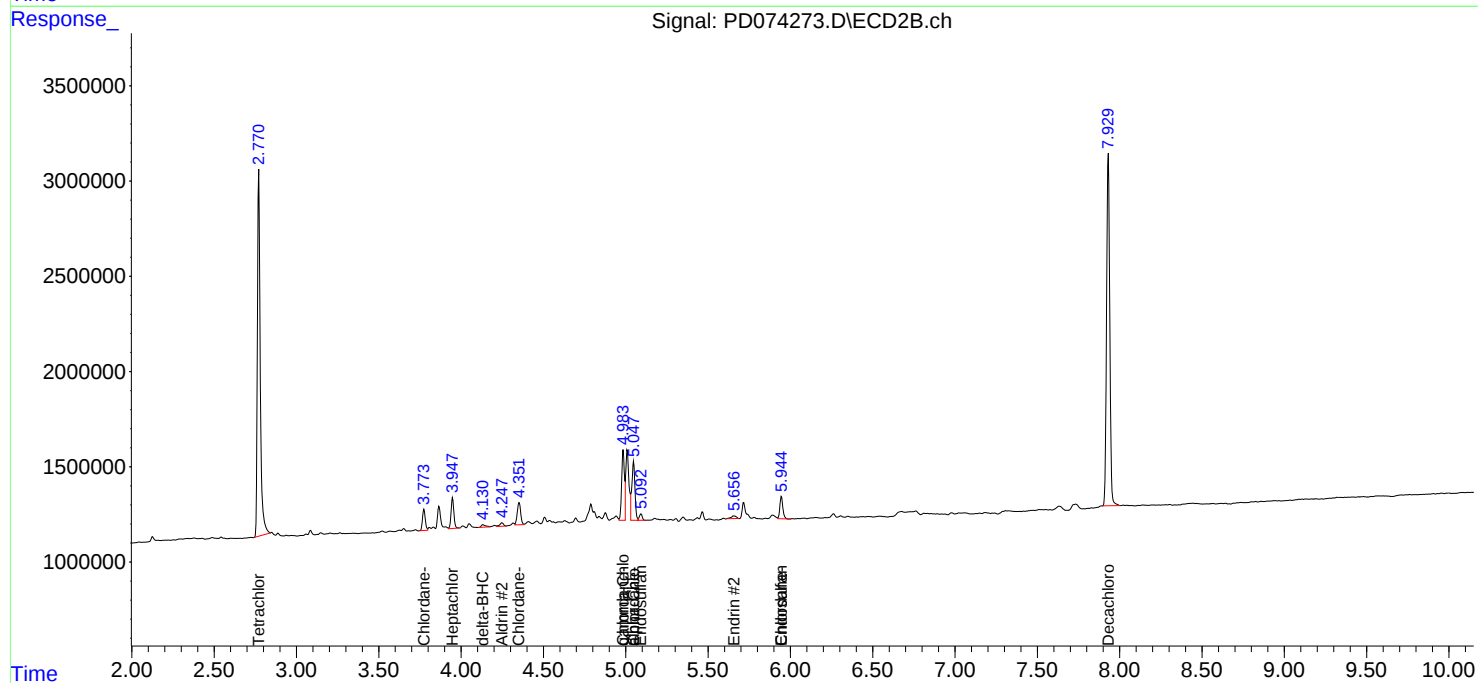
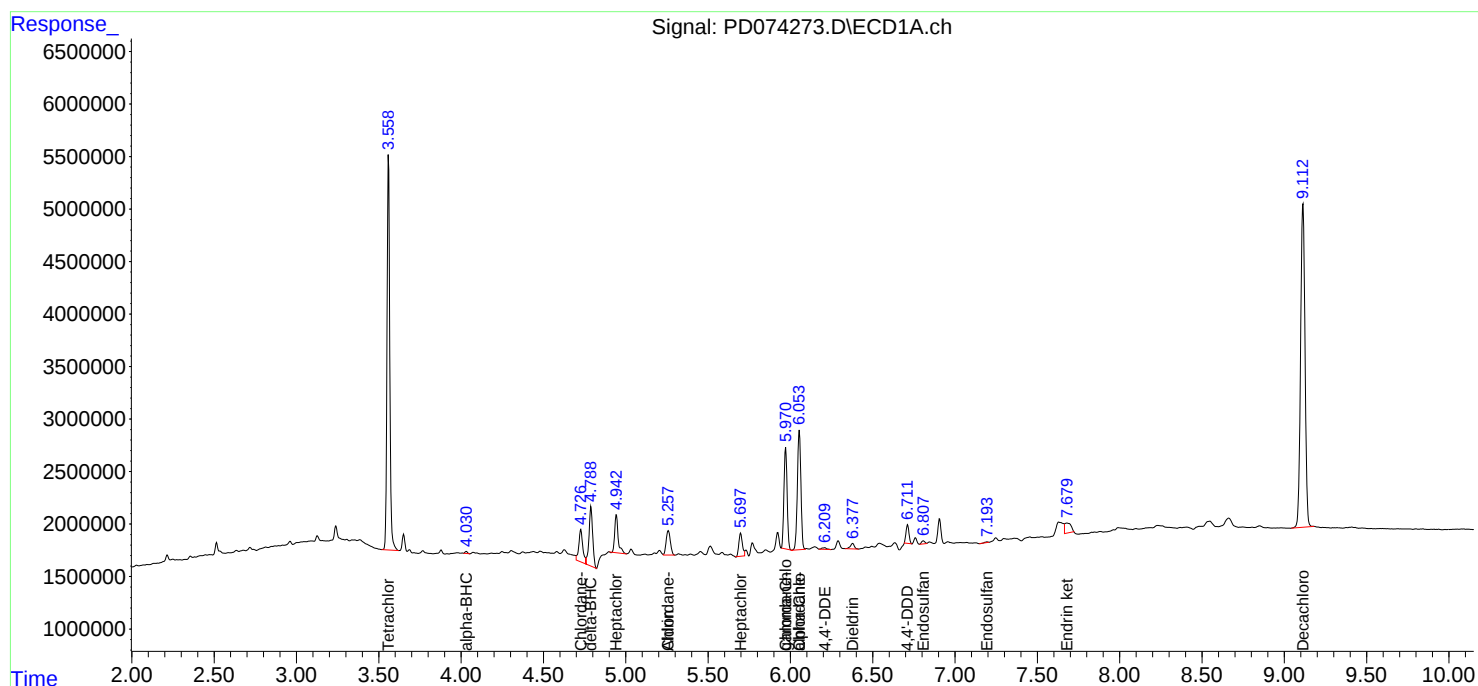
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

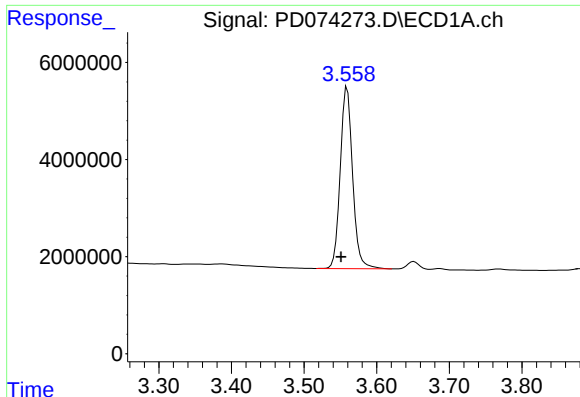
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031723\
Data File : PD074273.D
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Acq On : 17 Mar 2023 12:47
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
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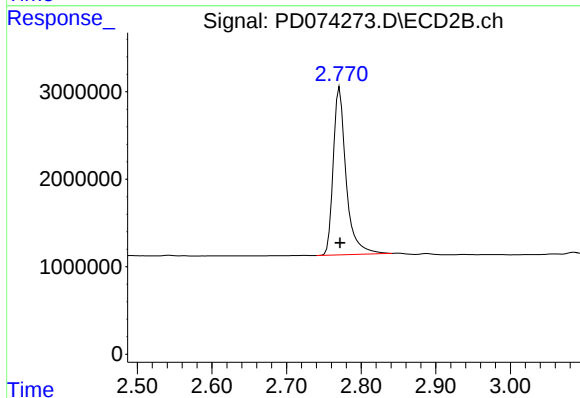




#1 Tetrachloro-m-xylene

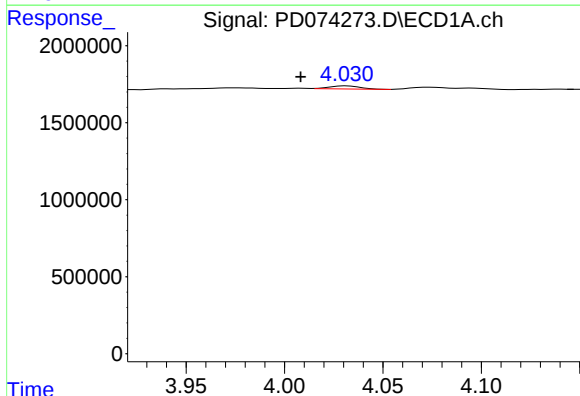
R.T.: 3.559 min
Delta R.T.: 0.008 min
Response: 44240755
Conc: 18.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



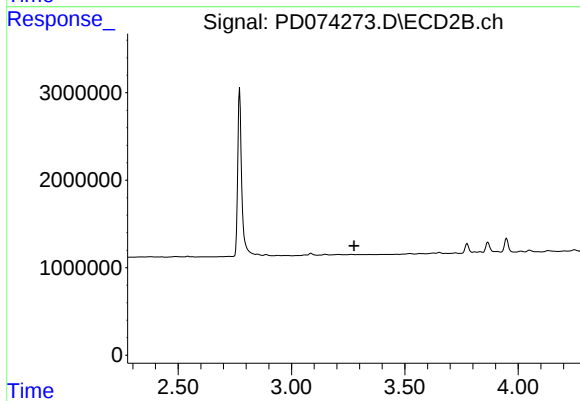
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 22987148
Conc: 18.89 ng/ml



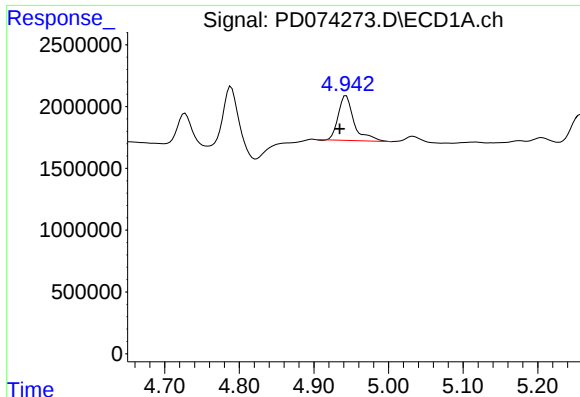
#2 alpha-BHC

R.T.: 4.032 min
Delta R.T.: 0.023 min
Response: 213005
Conc: 0.05 ng/ml



#2 alpha-BHC

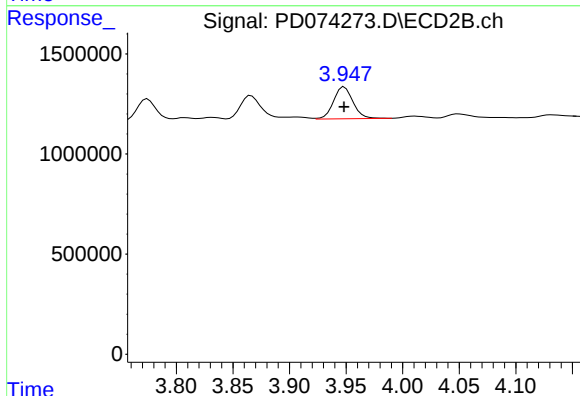
R.T.: 0.000 min
Exp R.T. : 3.276 min
Response: 0
Conc: N.D.



#4 Heptachlor

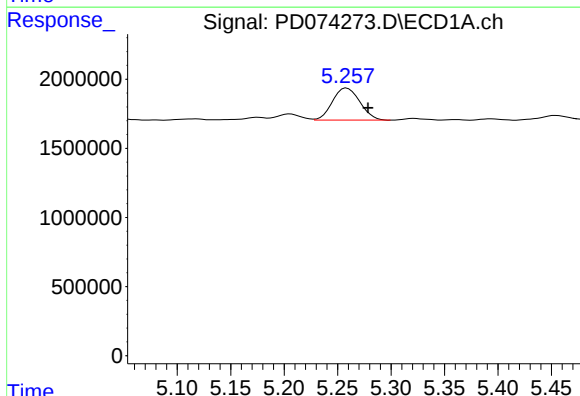
R.T.: 4.943 min
Delta R.T.: 0.009 min
Response: 5322802
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



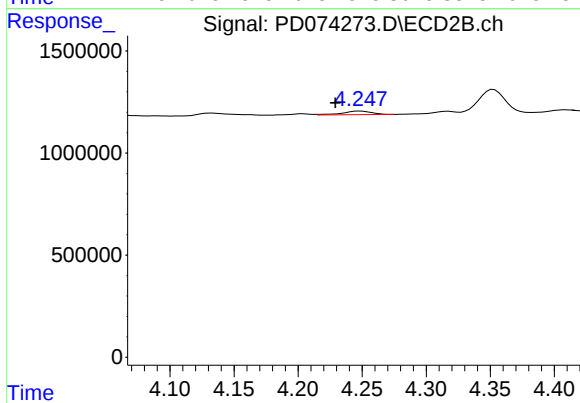
#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.000 min
Response: 1905916
Conc: 1.12 ng/ml



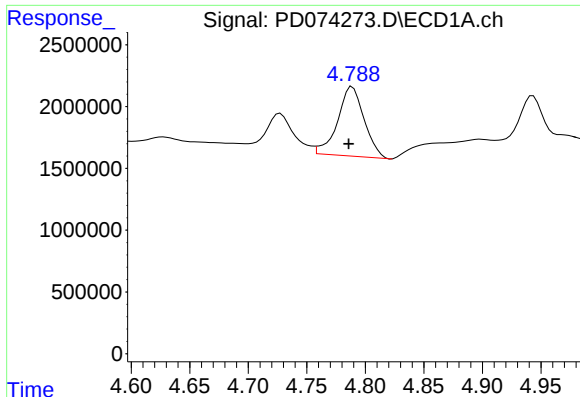
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.020 min
Response: 4148190
Conc: 1.23 ng/ml



#5 Aldrin

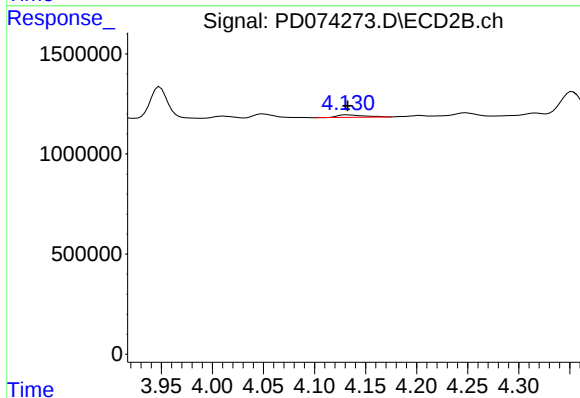
R.T.: 4.248 min
Delta R.T.: 0.019 min
Response: 278902
Conc: 0.17 ng/ml



#7 delta-BHC

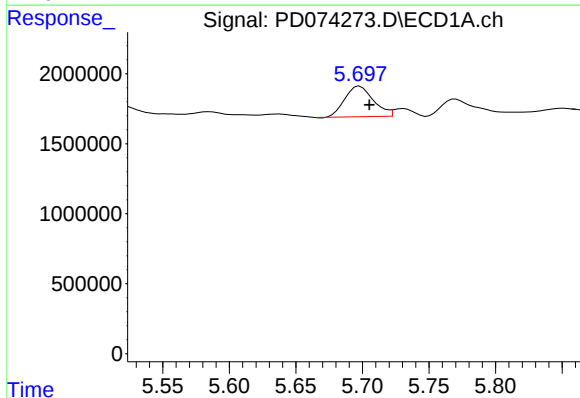
R.T.: 4.789 min
Delta R.T.: 0.003 min
Response: 8874831
Conc: 3.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



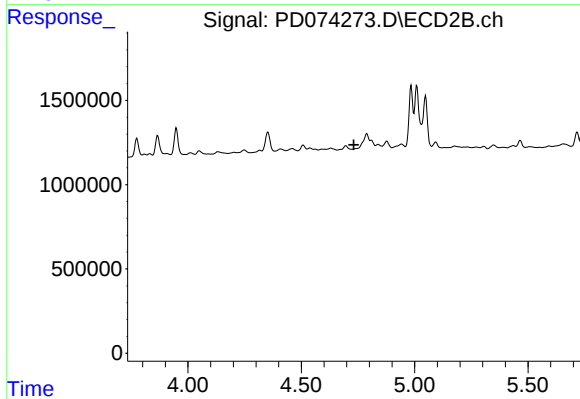
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 238255
Conc: 0.14 ng/ml



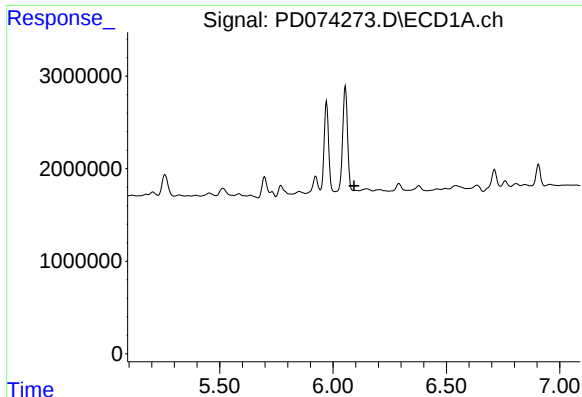
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 3267432
Conc: 1.16 ng/ml



#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.732 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.092 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :

#9 Endosulfan I

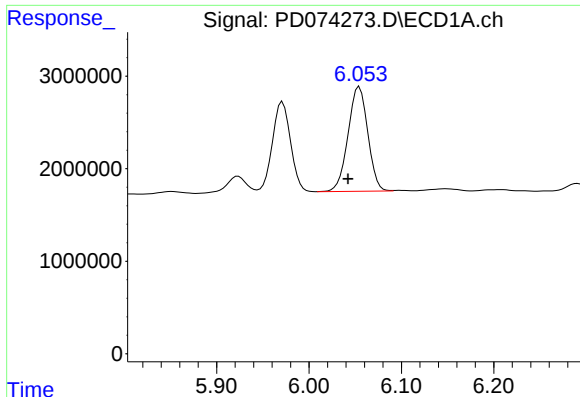
R.T.: 5.093 min
Delta R.T.: -0.010 min
Response: 414092
Conc: 0.29 ng/ml

#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.009 min
Response: 12847840
Conc: 4.28 ng/ml

#10 gamma-Chlordane

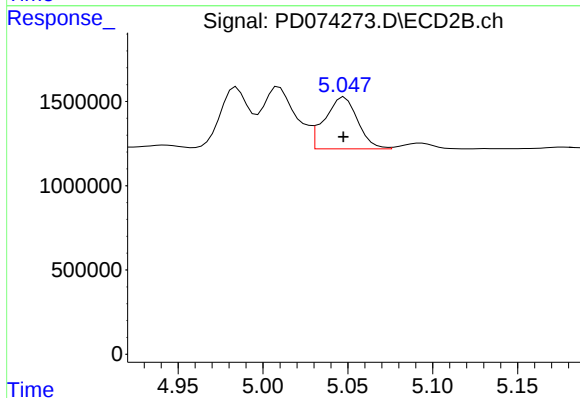
R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 4267414
Conc: 2.75 ng/ml



#11 alpha-Chlordane

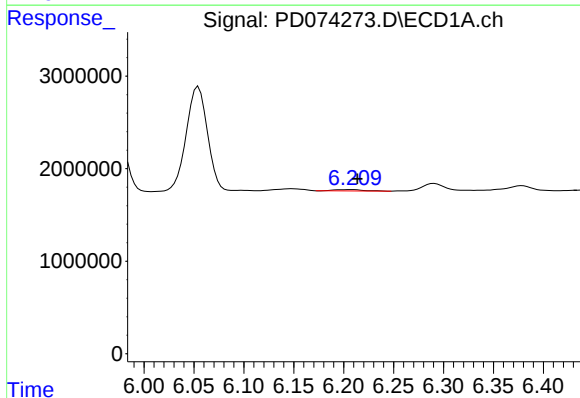
R.T.: 6.054 min
Delta R.T.: 0.012 min
Response: 16809788
Conc: 5.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



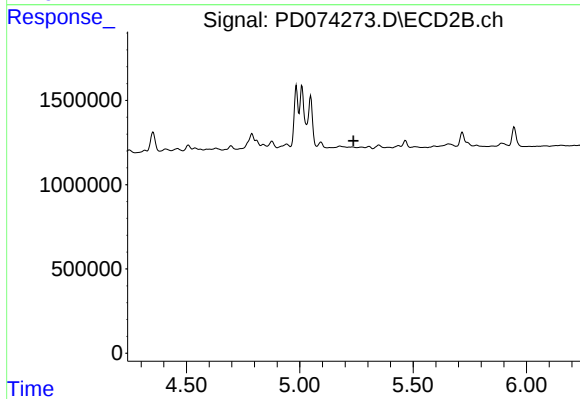
#11 alpha-Chlordane

R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 4146324
Conc: 2.69 ng/ml



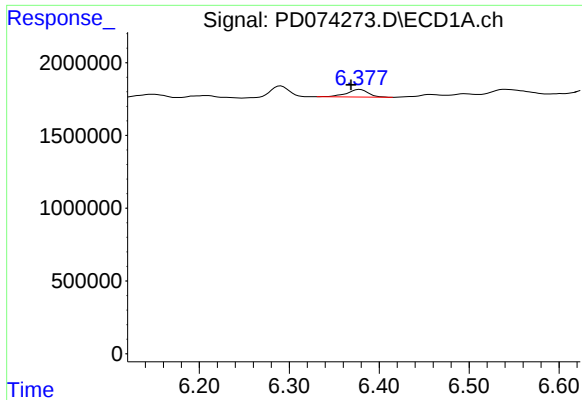
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 291454
Conc: 0.11 ng/ml



#12 4,4'-DDE

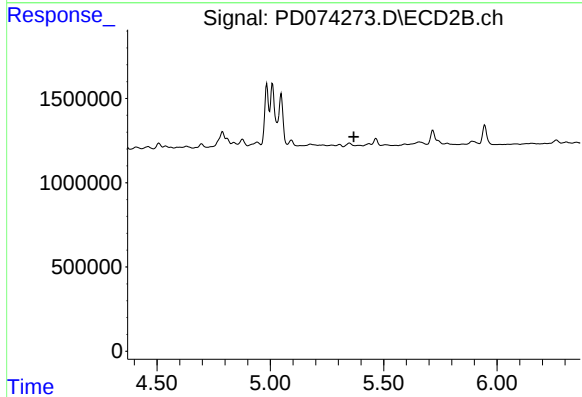
R.T.: 0.000 min
Exp R.T. : 5.237 min
Response: 0
Conc: N.D.



#13 Dieldrin

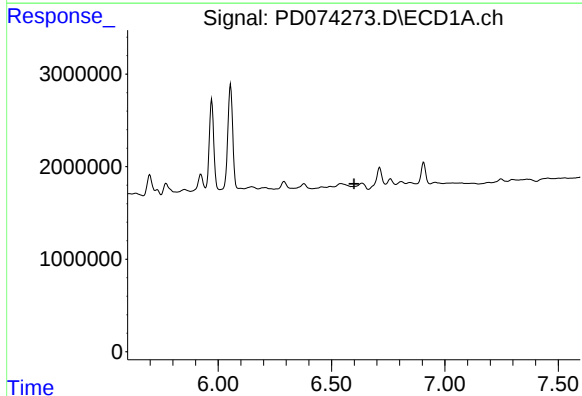
R.T.: 6.379 min
Delta R.T.: 0.010 min
Response: 874034
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



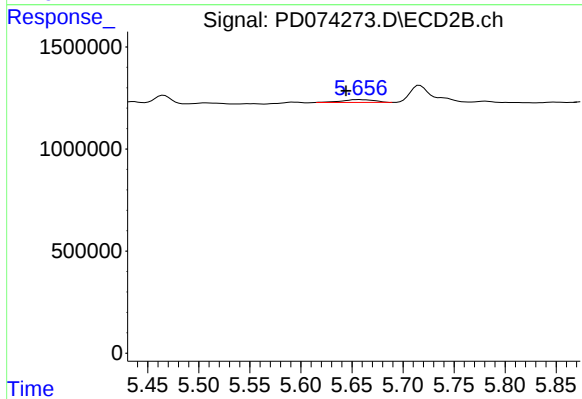
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.369 min
Response: 0
Conc: N.D.



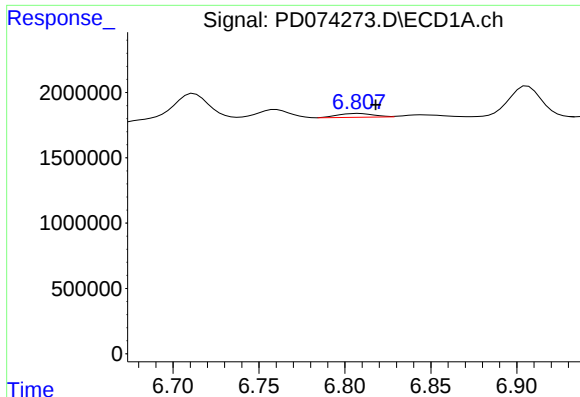
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.600 min
Response: 0
Conc: N.D.



#14 Endrin

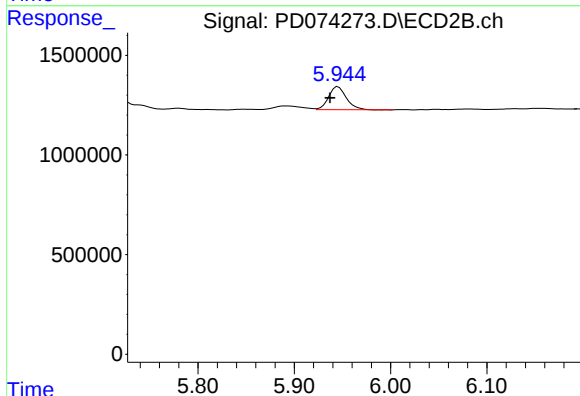
R.T.: 5.657 min
Delta R.T.: 0.013 min
Response: 305135
Conc: 0.23 ng/ml



#15 Endosulfan II

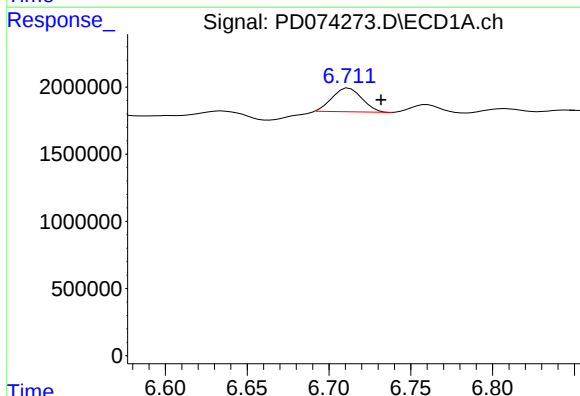
R.T.: 6.808 min
Delta R.T.: -0.010 min
Response: 414061
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



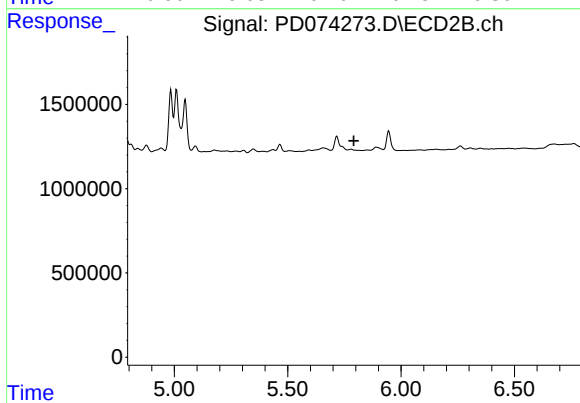
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: 0.008 min
Response: 1474074
Conc: 1.17 ng/ml



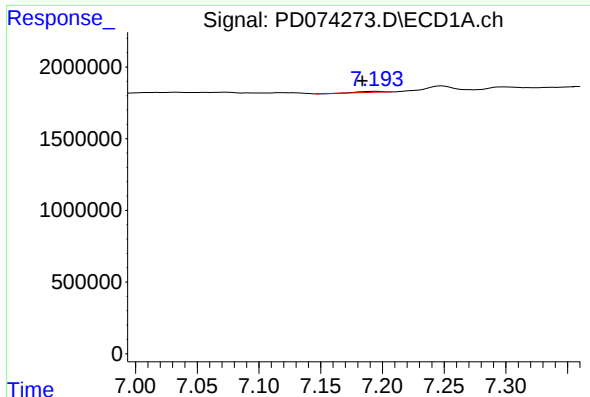
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.020 min
Response: 2229107
Conc: 0.99 ng/ml



#16 4,4'-DDD

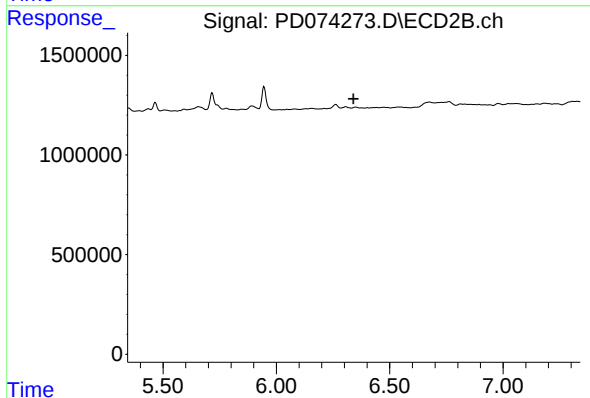
R.T.: 0.000 min
Exp R.T.: 5.792 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

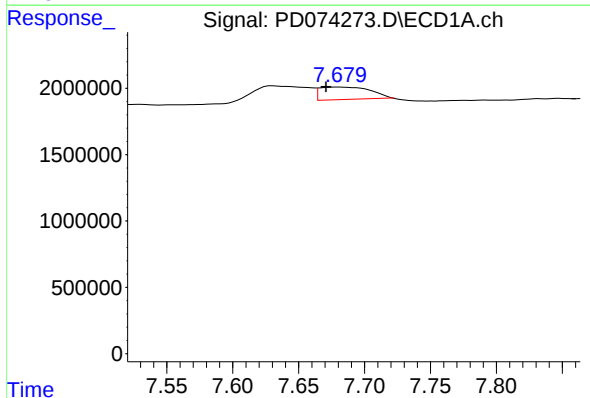
R.T.: 7.195 min
Delta R.T.: 0.011 min
Response: 69892
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



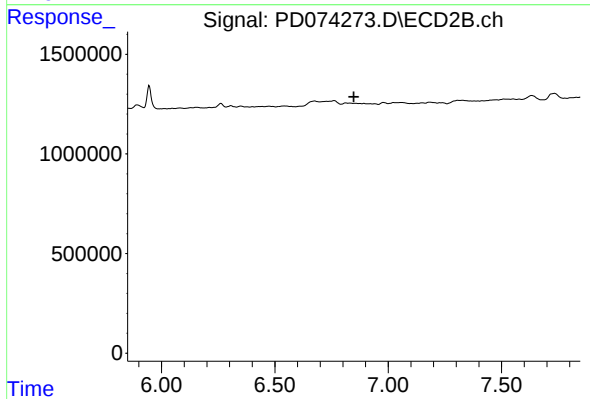
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.340 min
Response: 0
Conc: N.D.



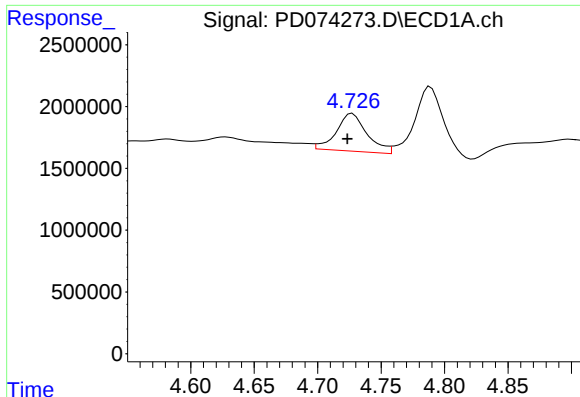
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.009 min
Response: 2535610
Conc: 0.91 ng/ml



#21 Endrin ketone

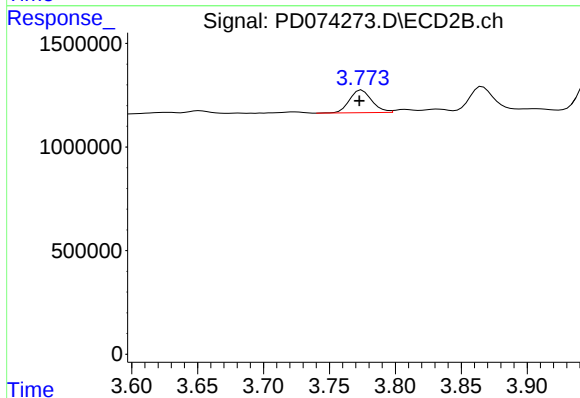
R.T.: 0.000 min
Exp R.T. : 6.848 min
Response: 0
Conc: N.D.



#23 Chlordane-1

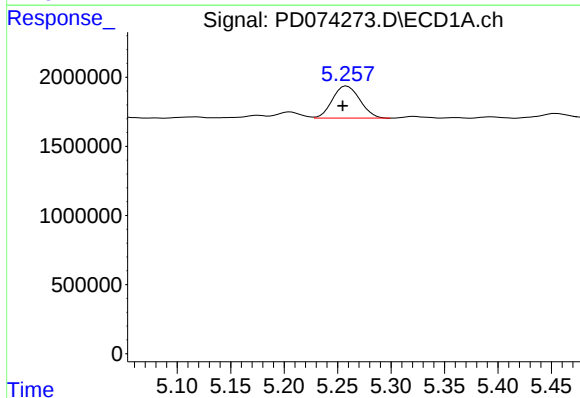
R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 5155032
Conc: 43.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



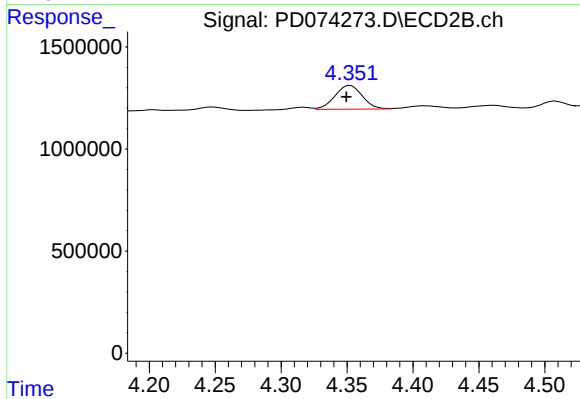
#23 Chlordane-1

R.T.: 3.775 min
Delta R.T.: 0.002 min
Response: 1300323
Conc: 25.80 ng/ml



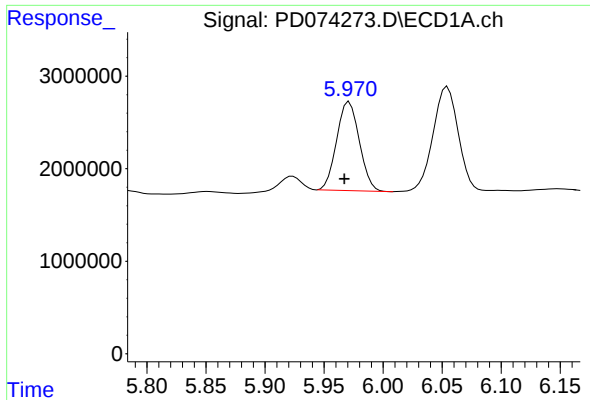
#24 Chlordane-2

R.T.: 5.259 min
Delta R.T.: 0.004 min
Response: 4148190
Conc: 30.96 ng/ml



#24 Chlordane-2

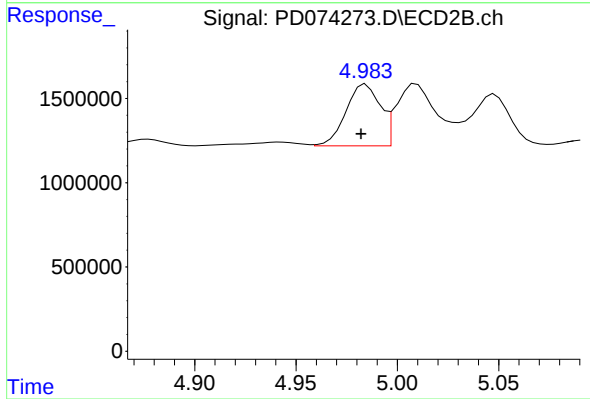
R.T.: 4.353 min
Delta R.T.: 0.003 min
Response: 1680631
Conc: 28.84 ng/ml



#25 Chlordane-3

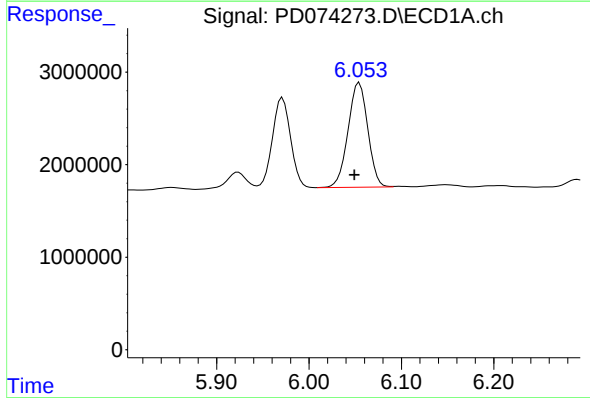
R.T.: 5.971 min
Delta R.T.: 0.004 min
Response: 12847840
Conc: 25.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



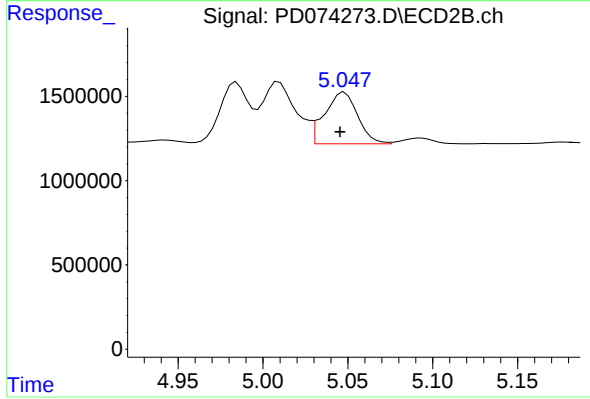
#25 Chlordane-3

R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 4267414
Conc: 25.42 ng/ml



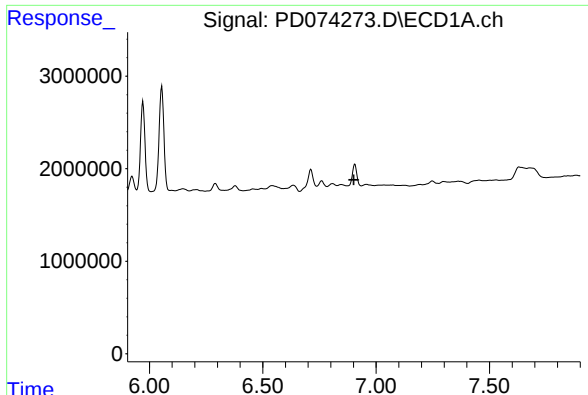
#26 Chlordane-4

R.T.: 6.054 min
Delta R.T.: 0.005 min
Response: 16809788
Conc: 27.98 ng/ml



#26 Chlordane-4

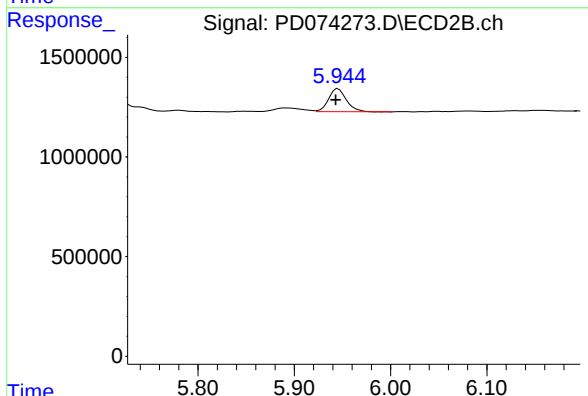
R.T.: 5.048 min
Delta R.T.: 0.003 min
Response: 4146324
Conc: 25.70 ng/ml



#27 Chlordane-5

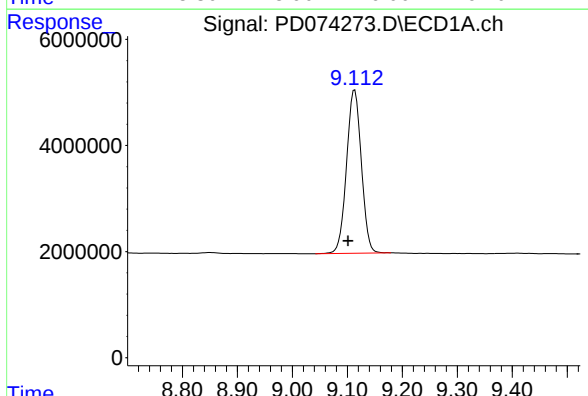
R.T.: 6.906 min
Delta R.T.: 0.005 min
Response: -200799
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



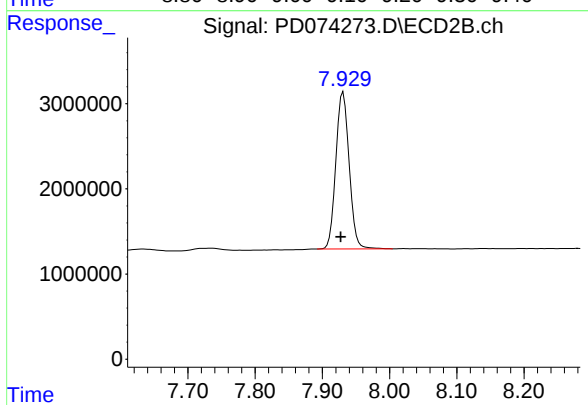
#27 Chlordane-5

R.T.: 5.946 min
Delta R.T.: 0.003 min
Response: 1474074
Conc: 24.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.012 min
Response: 57470665
Conc: 21.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.003 min
Response: 25149191
Conc: 20.50 ng/ml