

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 13:10
 Operator : DD\AJ
 Sample : L4214-02
 Misc : CHLOR LOQ 50 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

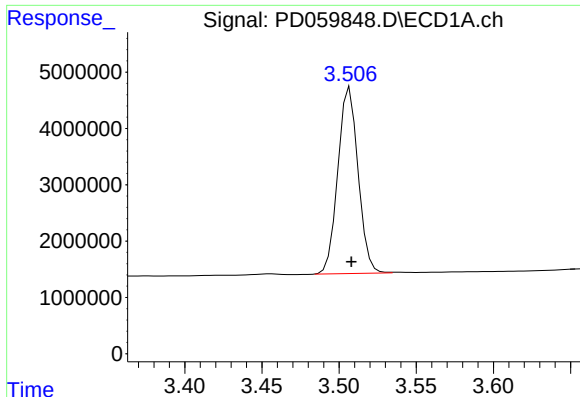
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:35:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.507	4.024	30106410	48206112	20.276	19.640
28)	SA Decachlor...	8.306	9.107	34299554	40005166	22.184	22.091
Target Compounds							
4)	MA Heptachlor	4.543	5.212	4234078	12209095	1.784	3.581 #
5)	MB Aldrin	4.802	5.544f	456476	319503	0.205	0.102 #
6)	B beta-BHC	4.453f	0.000	3485641	0	3.708	N.D. #
8)	B Heptachlo...	0.000	5.888f	0	3608777	N.D.	1.315 #
9)	A Endosulfan I	5.563f	0.000	705864	0	0.373	N.D. #
10)	B gamma-Chl...	5.470	6.139	9422616	17707397	4.568	6.058 #
11)	B alpha-Chl...	5.529	6.214	7875876	22871535	3.848	7.869 #
12)	B 4,4'-DDE	0.000	6.367	0	88860	N.D.	0.032 #
13)	MA Dieldrin	0.000	6.521	0	871034	N.D.	0.303 #
14)	MA Endrin	0.000	6.761f	0	364472	N.D.	0.147 #
15)	B Endosulfa...	6.372	6.954	3566081	881549	1.886	0.340 #
16)	A 4,4'-DDD	6.219	6.877f	-48858	1500799	N.D.	0.648
18)	B Endrin al...	0.000	7.063	0	288457	N.D.	0.140 #
19)	B Endosulfa...	6.755	0.000	310160	0	0.192	N.D. #
21)	B Endrin ke...	0.000	7.747f	0	195811	N.D.	0.079 #
22)	Mirex	7.451f	0.000	973602	0	0.680	N.D. #
23)	Chlordane-1	4.389	5.023	4259173	4358752	69.288	45.573 #
24)	Chlordane-2	4.895	5.491	3292917	6224580	53.497	63.164
25)	Chlordane-3	5.470	6.139	9422616	17707397	49.974	46.932
26)	Chlordane-4	5.529	6.214	7875876	22871535	51.571	51.198
27)	Chlordane-5	6.372	7.020	3566081	4672934	49.279	56.745

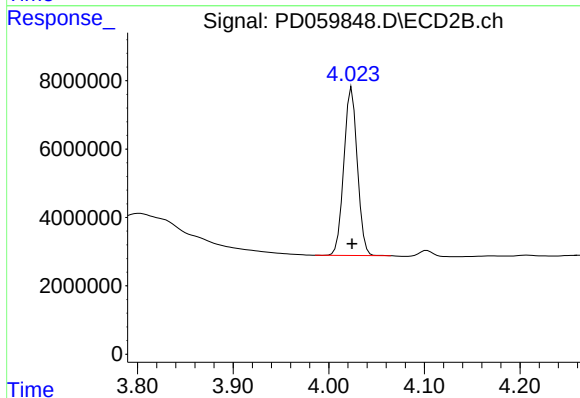
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

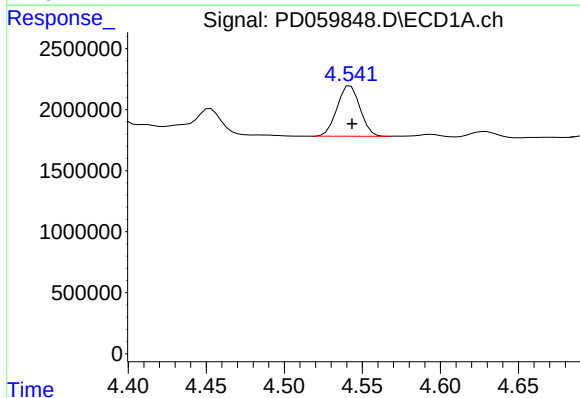
R.T.: 3.507 min
Delta R.T.: -0.001 min
Response: 30106410
Conc: 20.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



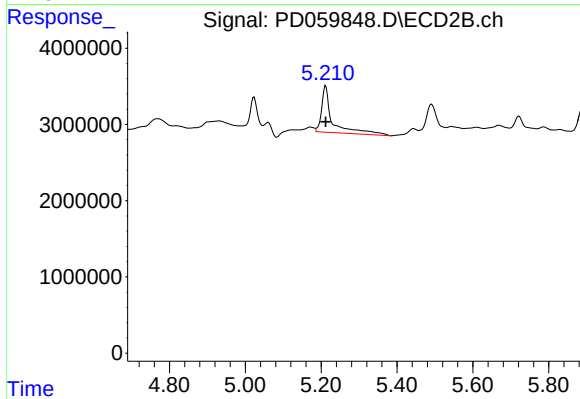
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 48206112
Conc: 19.64 ng/ml



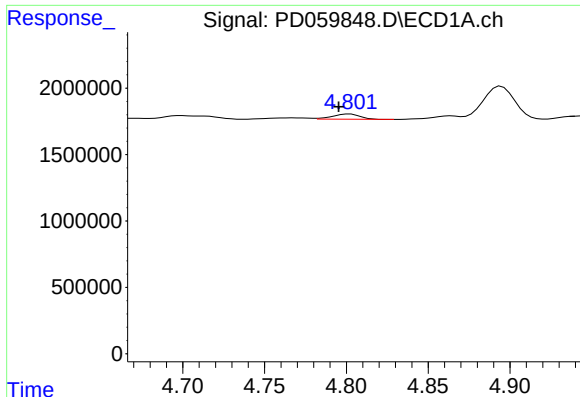
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 4234078
Conc: 1.78 ng/ml



#4 Heptachlor

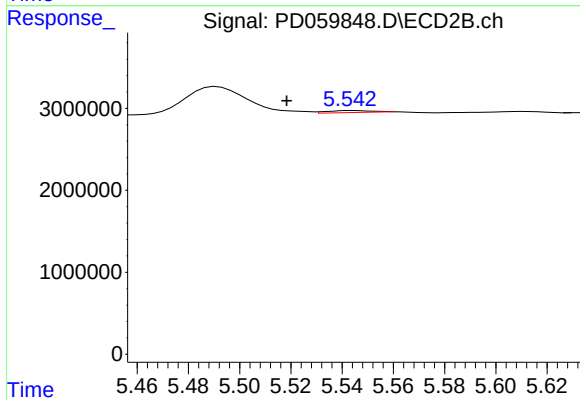
R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 12209095
Conc: 3.58 ng/ml



#5 Aldrin

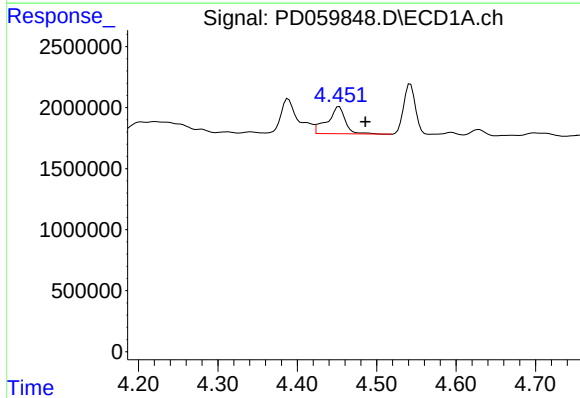
R.T.: 4.802 min
Delta R.T.: 0.007 min
Response: 456476
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



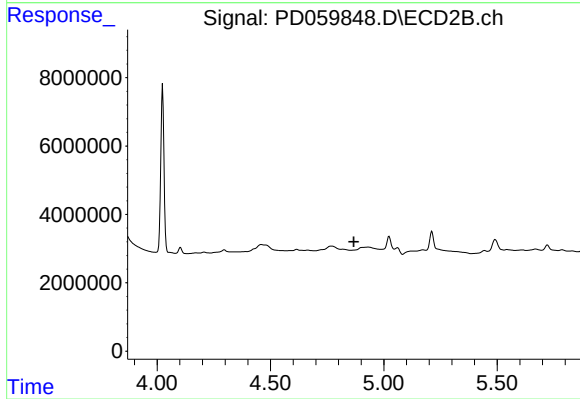
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.025 min
Response: 319503
Conc: 0.10 ng/ml



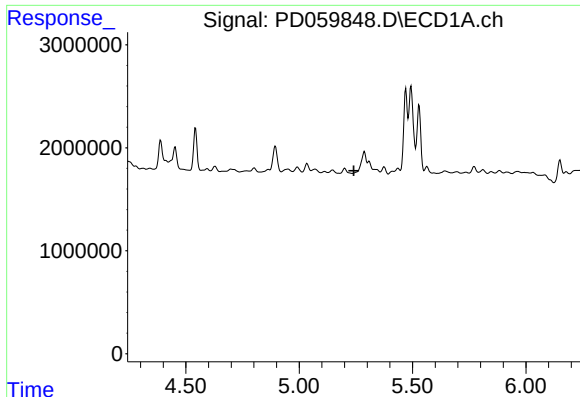
#6 beta-BHC

R.T.: 4.453 min
Delta R.T.: -0.033 min
Response: 3485641
Conc: 3.71 ng/ml



#6 beta-BHC

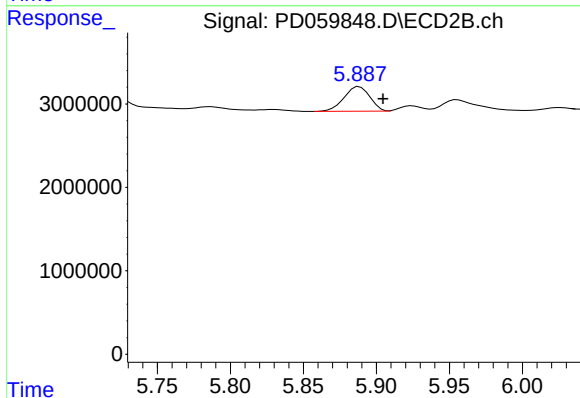
R.T.: 0.000 min
Exp R.T. : 4.868 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

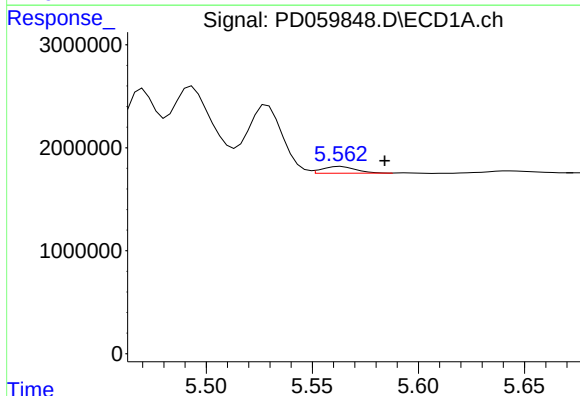
R.T.: 0.000 min
Exp R.T.: 5.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



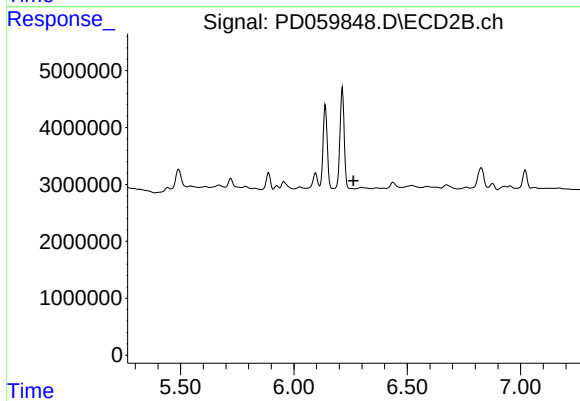
#8 Heptachlor epoxide

R.T.: 5.888 min
Delta R.T.: -0.016 min
Response: 3608777
Conc: 1.31 ng/ml



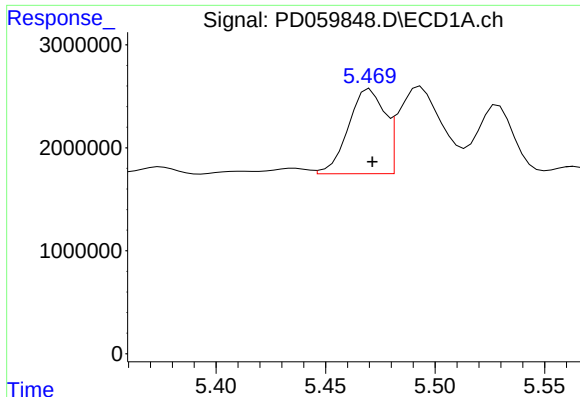
#9 Endosulfan I

R.T.: 5.563 min
Delta R.T.: -0.021 min
Response: 705864
Conc: 0.37 ng/ml



#9 Endosulfan I

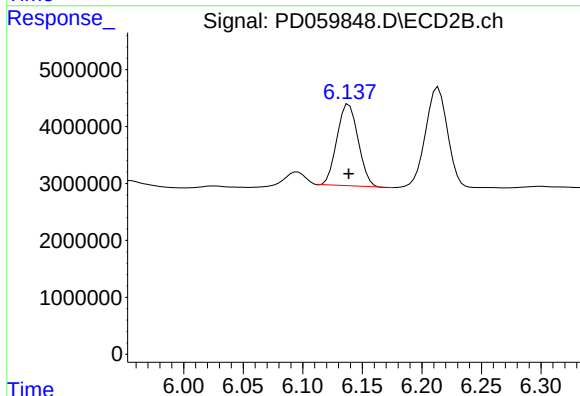
R.T.: 0.000 min
Exp R.T.: 6.263 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

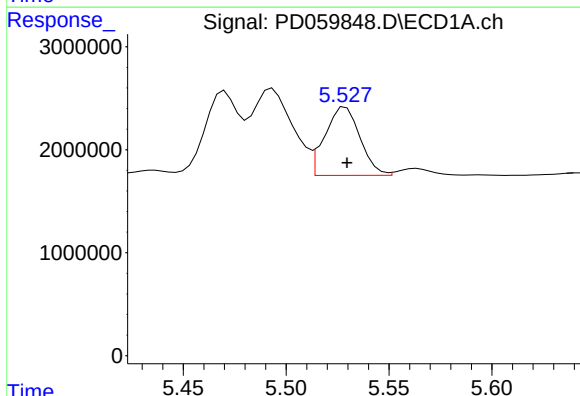
R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 9422616
Conc: 4.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



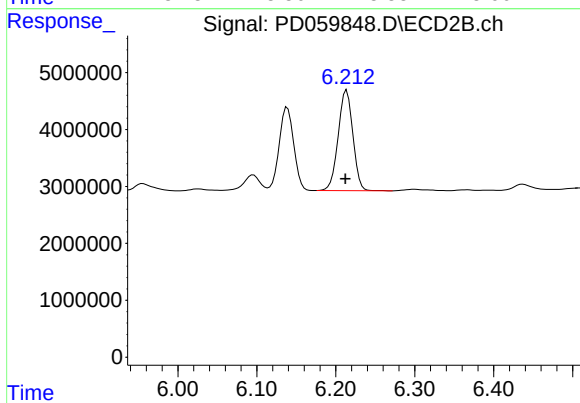
#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 17707397
Conc: 6.06 ng/ml



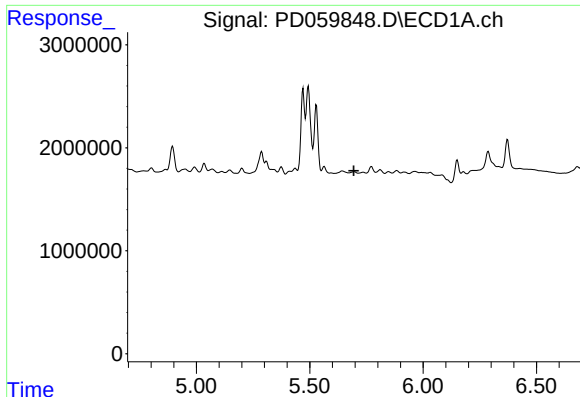
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 7875876
Conc: 3.85 ng/ml



#11 alpha-Chlordane

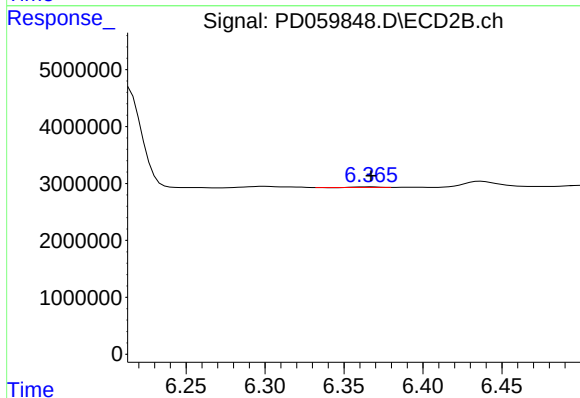
R.T.: 6.214 min
Delta R.T.: 0.002 min
Response: 22871535
Conc: 7.87 ng/ml



#12 4,4'-DDE

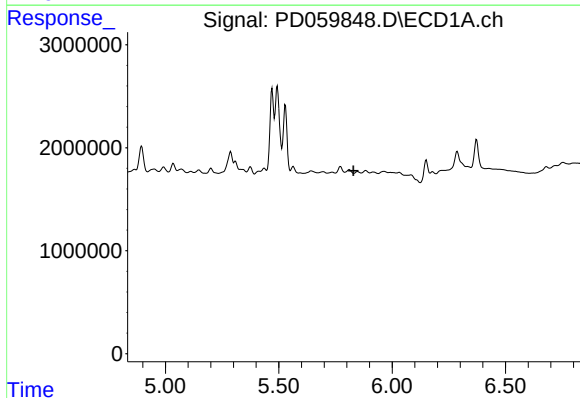
R.T.: 0.000 min
Exp R.T.: 5.694 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



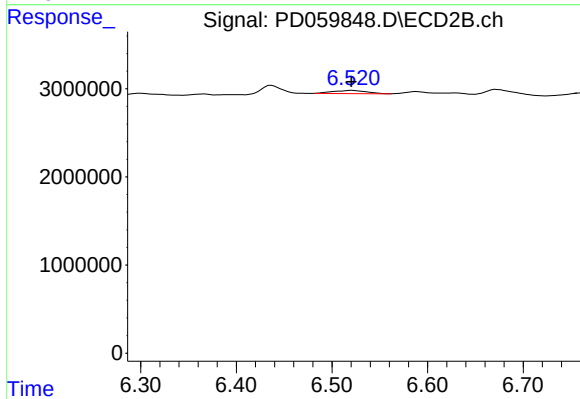
#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 88860
Conc: 0.03 ng/ml



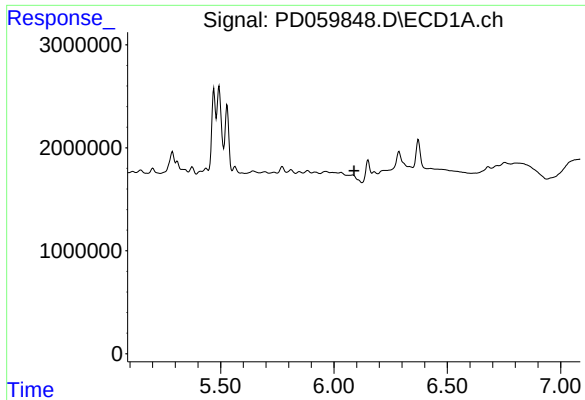
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.830 min
Response: 0
Conc: N.D.



#13 Dieldrin

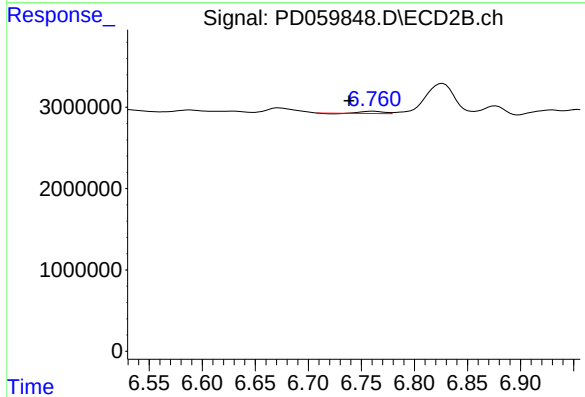
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 871034
Conc: 0.30 ng/ml



#14 Endrin

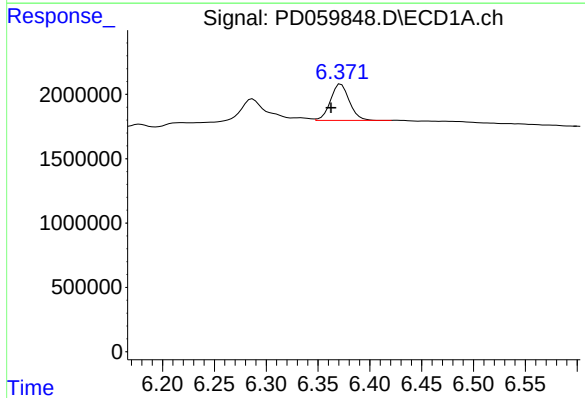
R.T.: 0.000 min
Exp R.T.: 6.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



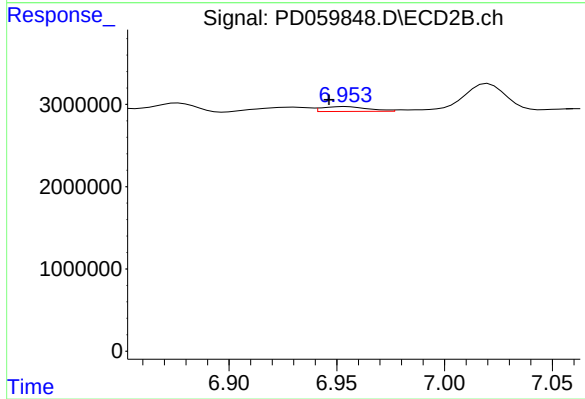
#14 Endrin

R.T.: 6.761 min
Delta R.T.: 0.023 min
Response: 364472
Conc: 0.15 ng/ml



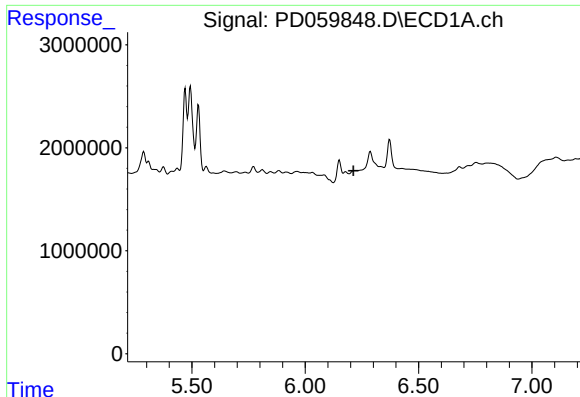
#15 Endosulfan II

R.T.: 6.372 min
Delta R.T.: 0.010 min
Response: 3566081
Conc: 1.89 ng/ml



#15 Endosulfan II

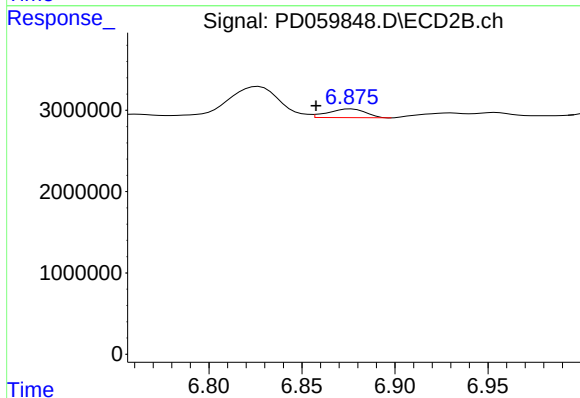
R.T.: 6.954 min
Delta R.T.: 0.008 min
Response: 881549
Conc: 0.34 ng/ml



#16 4,4'-DDD

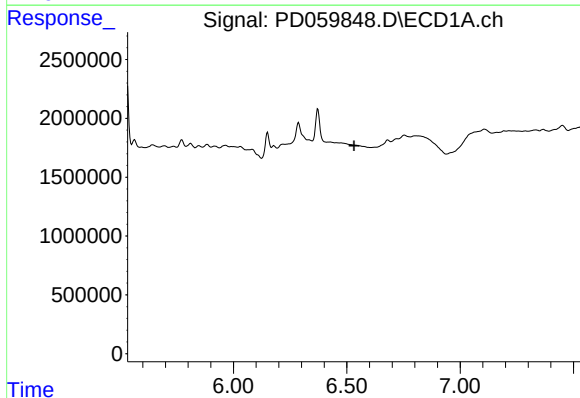
R.T.: 6.219 min
Delta R.T.: 0.006 min
Response: -48858
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



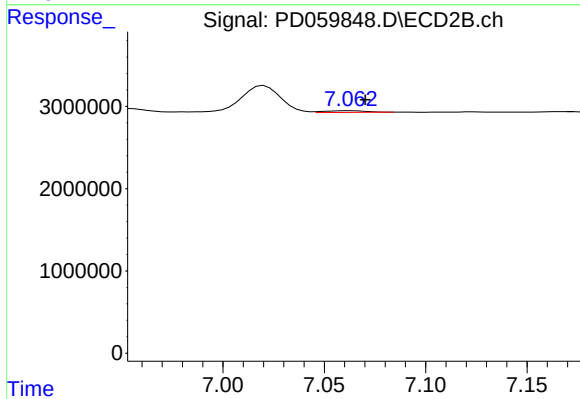
#16 4,4'-DDD

R.T.: 6.877 min
Delta R.T.: 0.019 min
Response: 1500799
Conc: 0.65 ng/ml



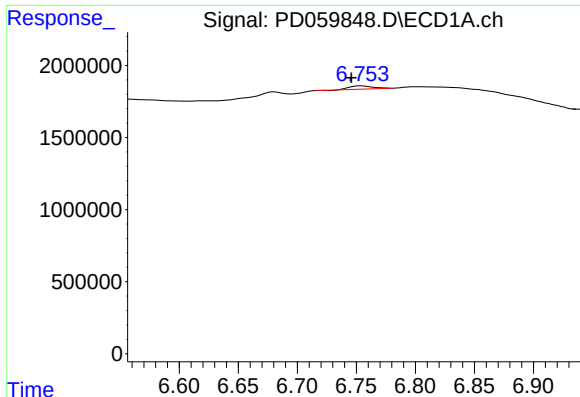
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.532 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

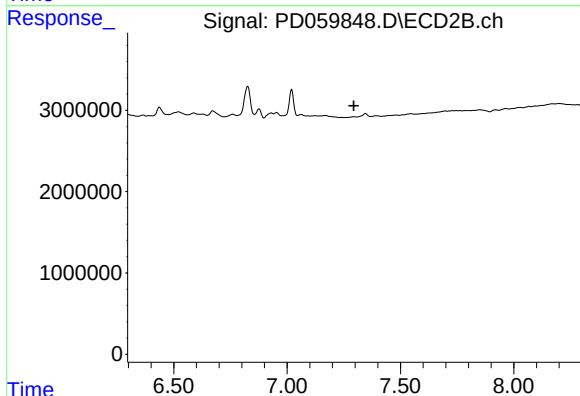
R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 288457
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

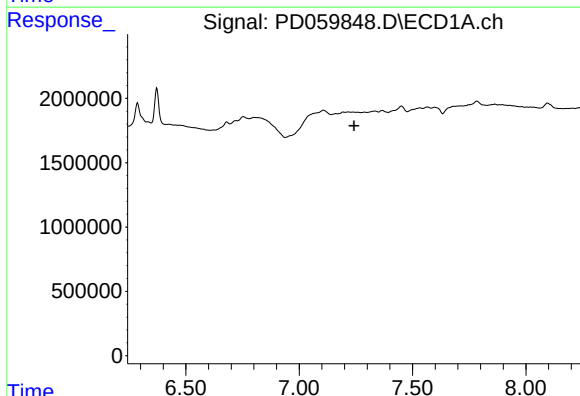
R.T.: 6.755 min
Delta R.T.: 0.009 min
Response: 310160
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



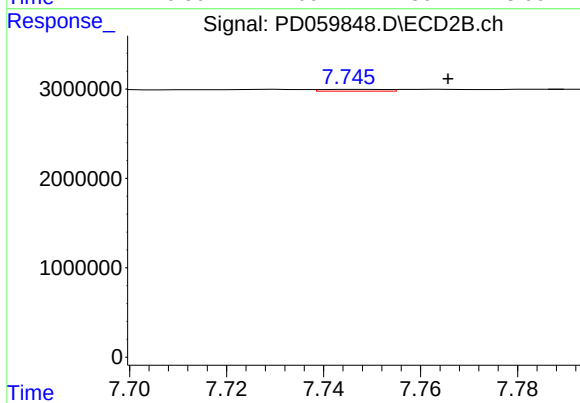
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.294 min
Response: 0
Conc: N.D.



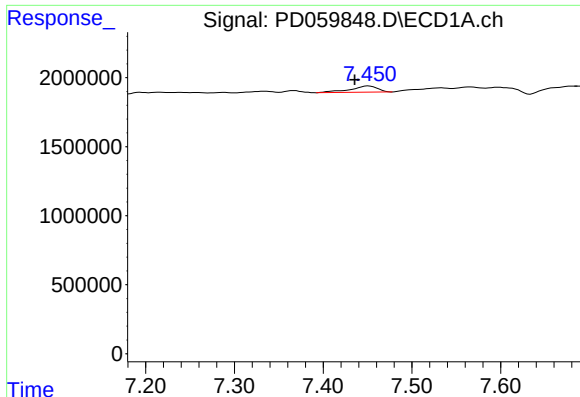
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.242 min
Response: 0
Conc: N.D.



#21 Endrin ketone

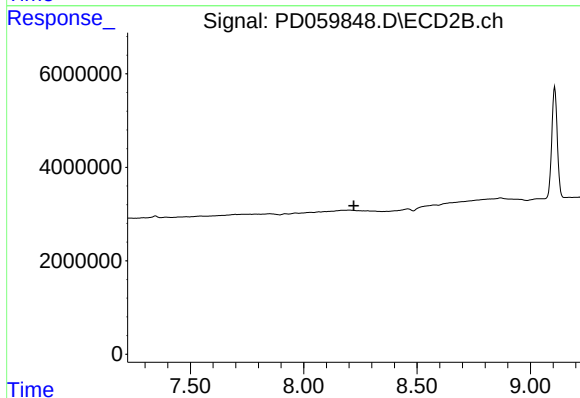
R.T.: 7.747 min
Delta R.T.: -0.019 min
Response: 195811
Conc: 0.08 ng/ml



#22 Mirex

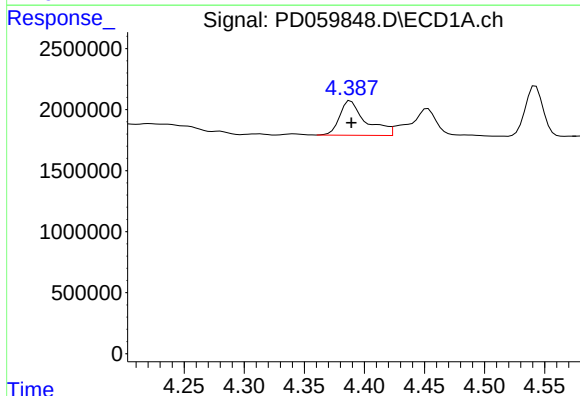
R.T.: 7.451 min
Delta R.T.: 0.016 min
Response: 973602
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



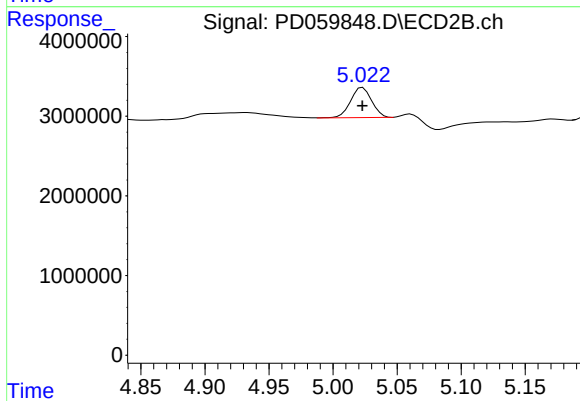
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.221 min
Response: 0
Conc: N.D.



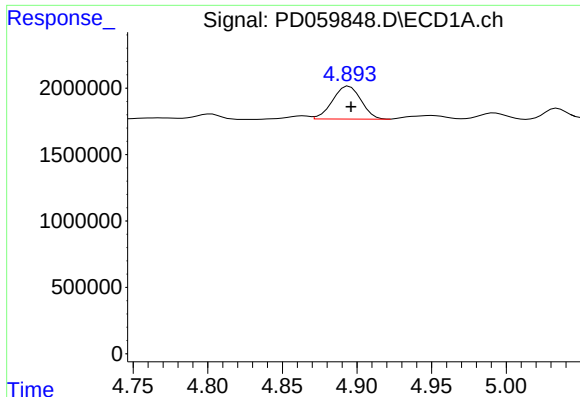
#23 Chlordane-1

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 4259173
Conc: 69.29 ng/ml



#23 Chlordane-1

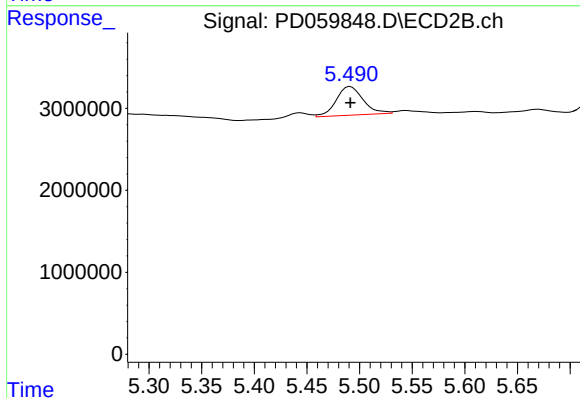
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 4358752
Conc: 45.57 ng/ml



#24 Chlordane-2

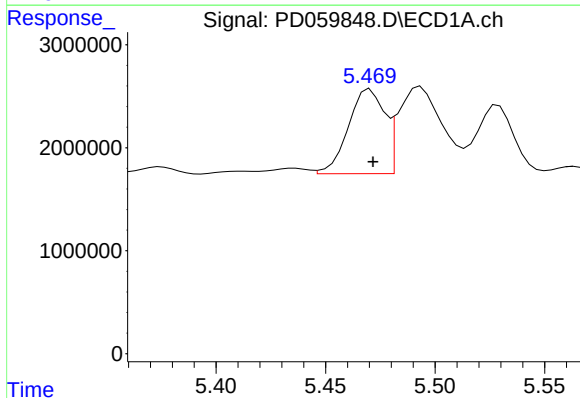
R.T.: 4.895 min
Delta R.T.: -0.001 min
Response: 3292917
Conc: 53.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



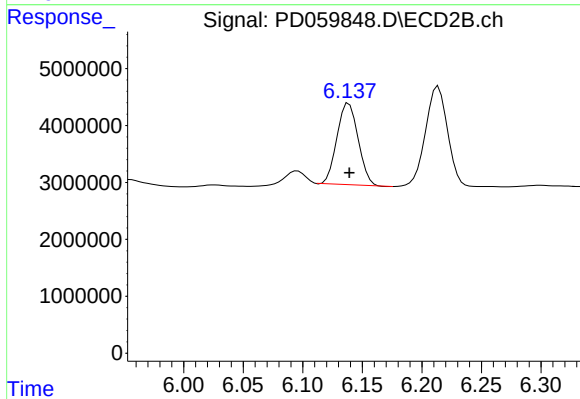
#24 Chlordane-2

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 6224580
Conc: 63.16 ng/ml



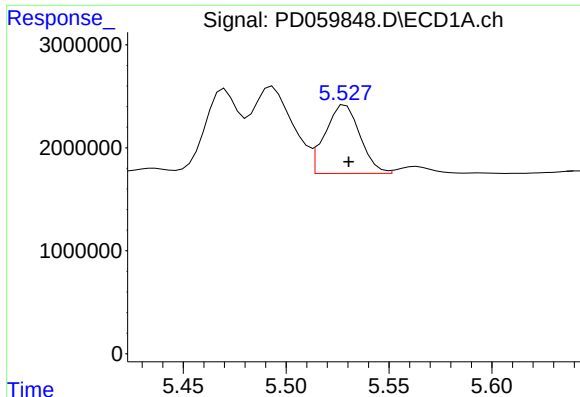
#25 Chlordane-3

R.T.: 5.470 min
Delta R.T.: -0.001 min
Response: 9422616
Conc: 49.97 ng/ml



#25 Chlordane-3

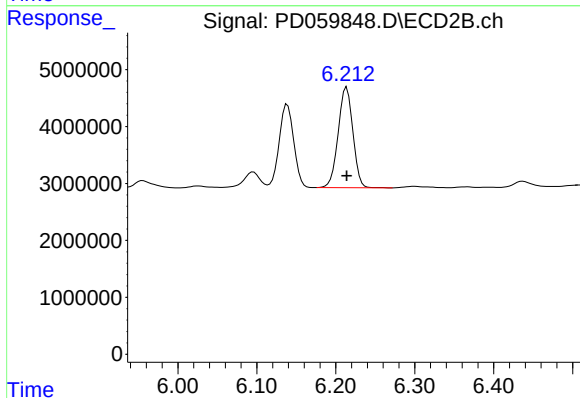
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 17707397
Conc: 46.93 ng/ml



#26 Chlordane-4

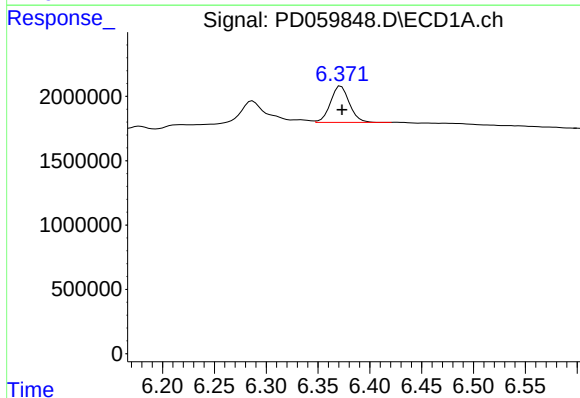
R.T.: 5.529 min
Delta R.T.: -0.002 min
Response: 7875876
Conc: 51.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



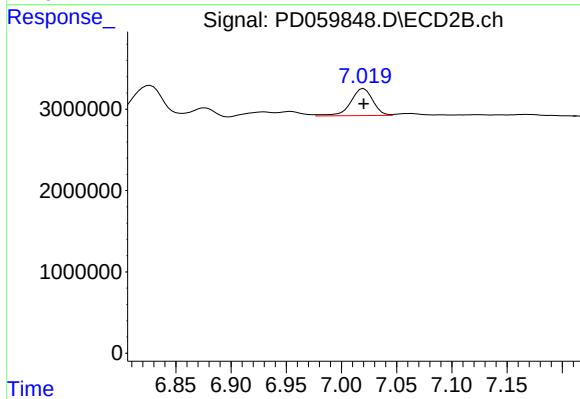
#26 Chlordane-4

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 22871535
Conc: 51.20 ng/ml



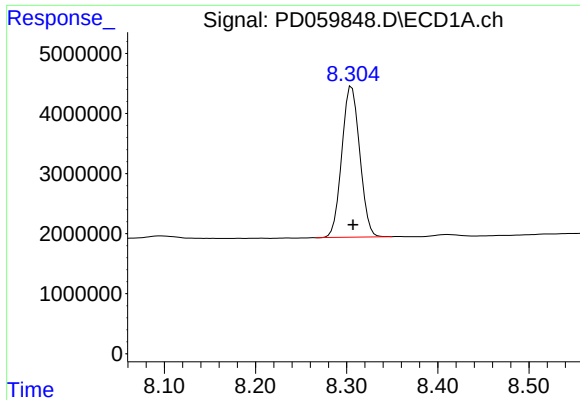
#27 Chlordane-5

R.T.: 6.372 min
Delta R.T.: -0.001 min
Response: 3566081
Conc: 49.28 ng/ml



#27 Chlordane-5

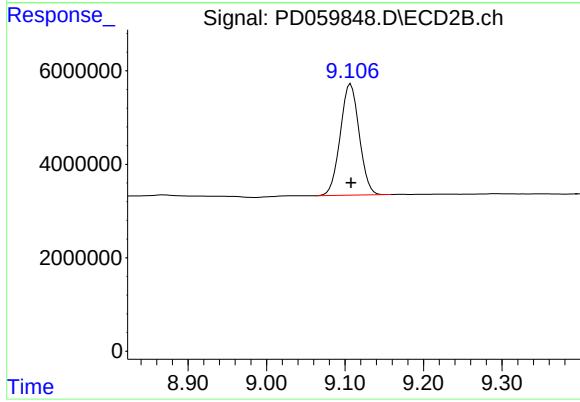
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 4672934
Conc: 56.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 34299554
Conc: 22.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 40005166
Conc: 22.09 ng/ml