

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
 Data File : PD051857.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Mar 2019 18:30
 Operator : AJ\SJ
 Sample : K1948-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PST-028-SW064-031219

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 02:38:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.223	4.044	26719900	563.7E6	20.152	19.657
28)	SA Decachlor...	7.822	9.156	17213933	269.5E6	15.144	14.751
Target Compounds							
2)	A alpha-BHC	3.670f	4.407f	417663	2766284	0.190	0.063 #
3)	MA gamma-BHC...	3.917	4.722	1709554	1618519	0.818	0.041 #
4)	MA Heptachlor	0.000	5.238	0	20011738	N.D.	0.522 #
6)	B beta-BHC	0.000	4.878	0	22344555	N.D.	1.243 #
7)	B delta-BHC	0.000	5.083f	0	65732632	N.D.	1.913 #
8)	B Heptachlo...	0.000	5.914f	0	9541259	N.D.	0.298 #
9)	A Endosulfan I	0.000	6.281	0	15707792	N.D.	0.530 #
10)	B gamma-Chl...	0.000	6.168	0	39331472	N.D.	1.230 #
11)	B alpha-Chl...	0.000	6.241	0	33253813	N.D.	1.049 #
12)	B 4,4'-DDE	0.000	6.394	0	28622588	N.D.	0.925 #
13)	MA Dieldrin	0.000	6.568f	0	10293276	N.D.	0.334 #
15)	B Endosulfa...	0.000	6.982	0	7311127	N.D.	0.284 #
16)	A 4,4'-DDD	0.000	6.888	0	9134389	N.D.	0.372 #
17)	MA 4,4'-DDT	0.000	7.187	0	3560656	N.D.	0.176 #
19)	B Endosulfa...	0.000	7.320	0	3630932	N.D.	0.155 #
21)	B Endrin ke...	0.000	7.788	0	17561275	N.D.	0.777 #
22)	Mirex	0.000	8.277f	0	5527117	N.D.	0.357 #
25)	Chlordane-3	0.000	6.168	0	39331472	N.D.	8.832 #
26)	Chlordane-4	0.000	6.241	0	33253813	N.D.	6.350 #

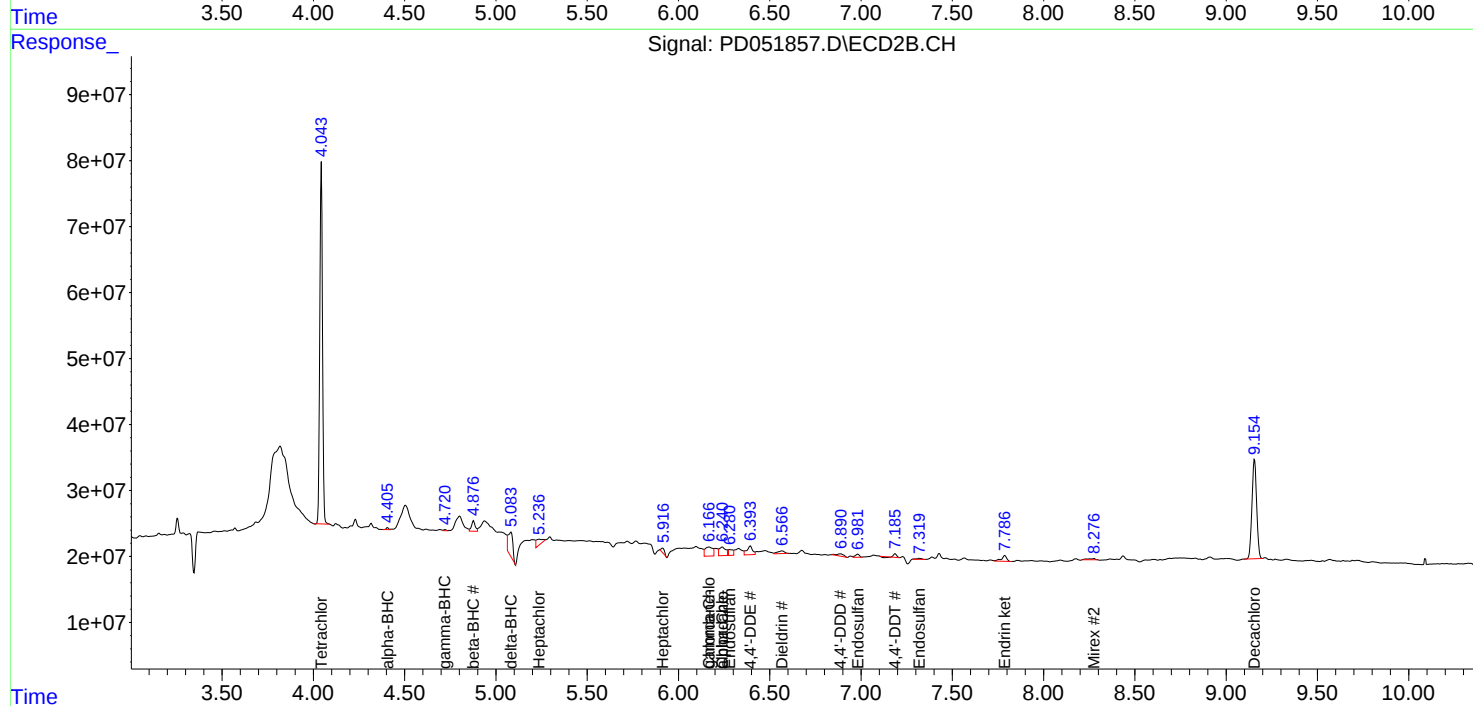
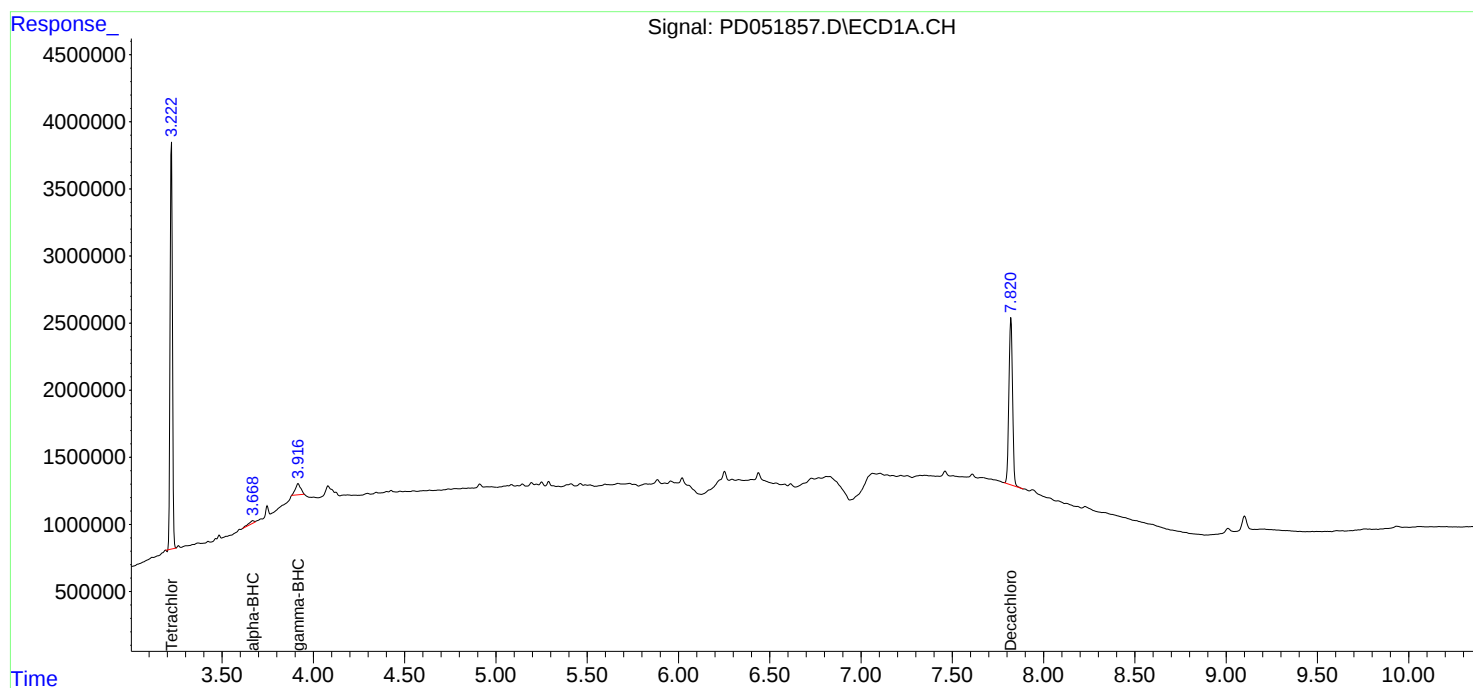
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

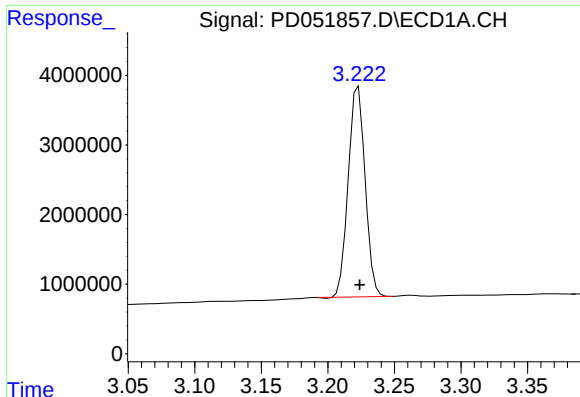
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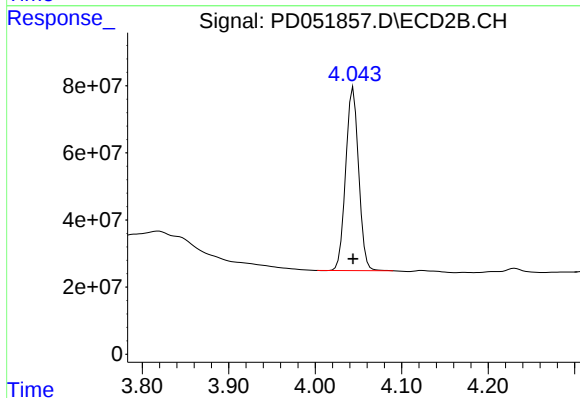




#1 Tetrachloro-m-xylene

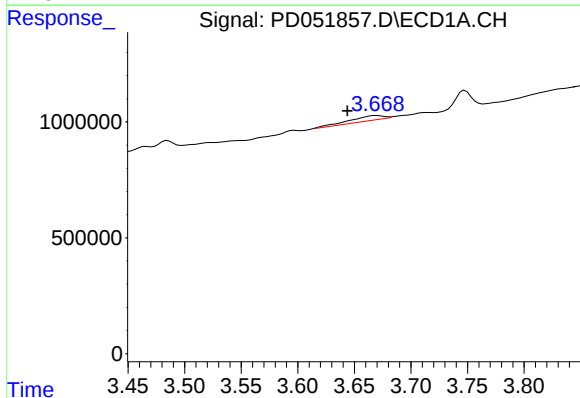
R.T.: 3.223 min
Delta R.T.: -0.001 min
Response: 26719900
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



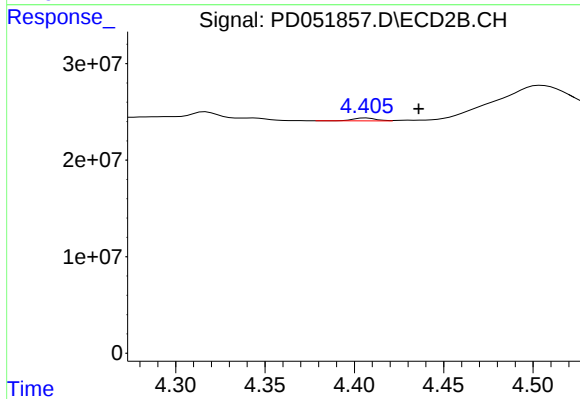
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 563701237
Conc: 19.66 ng/ml



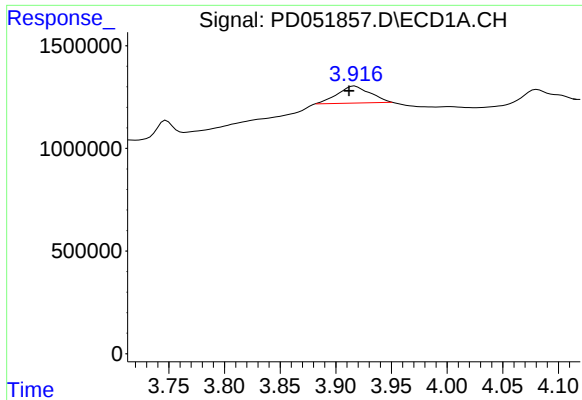
#2 alpha-BHC

R.T.: 3.670 min
Delta R.T.: 0.026 min
Response: 417663
Conc: 0.19 ng/ml



#2 alpha-BHC

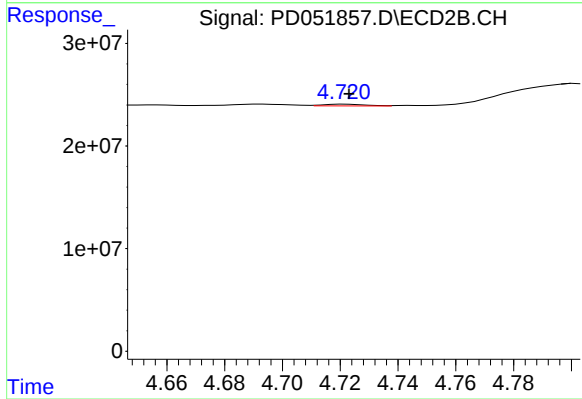
R.T.: 4.407 min
Delta R.T.: -0.029 min
Response: 2766284
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

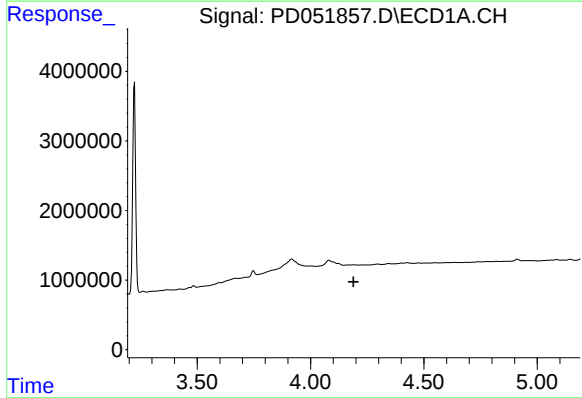
R.T.: 3.917 min
Delta R.T.: 0.005 min
Response: 1709554
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



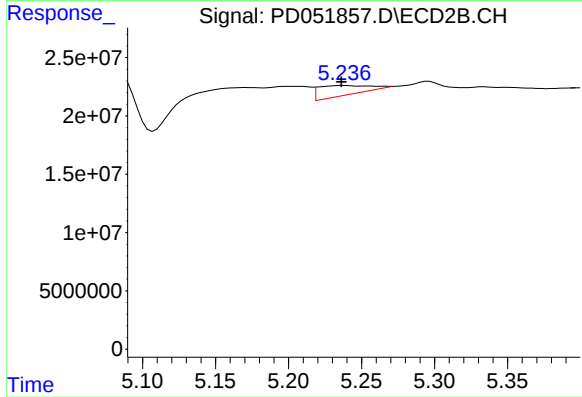
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 1618519
Conc: 0.04 ng/ml



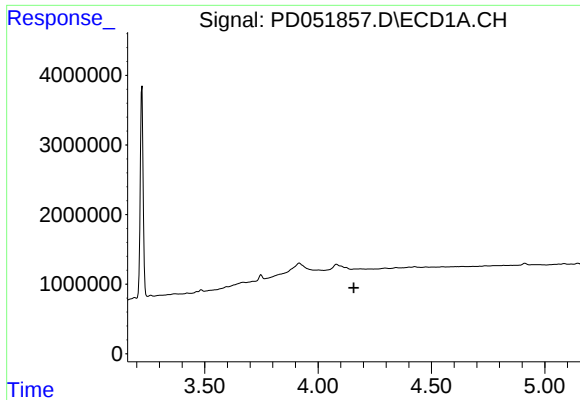
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.190 min
Response: 0
Conc: N.D.



#4 Heptachlor

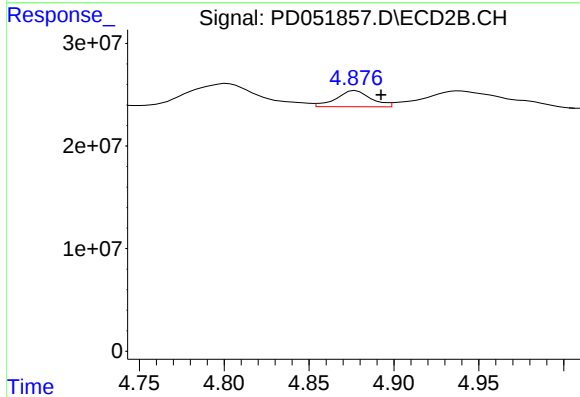
R.T.: 5.238 min
Delta R.T.: 0.002 min
Response: 20011738
Conc: 0.52 ng/ml



#6 beta-BHC

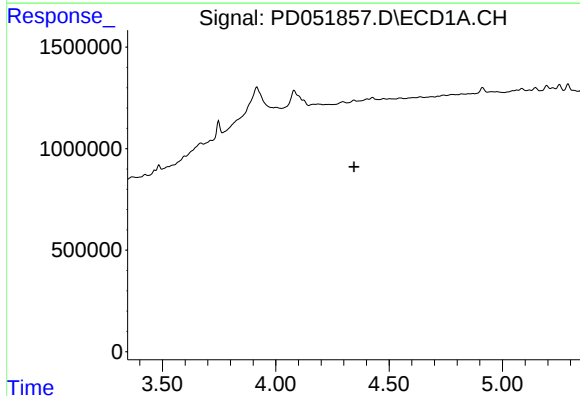
R.T.: 0.000 min
Exp R.T.: 4.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



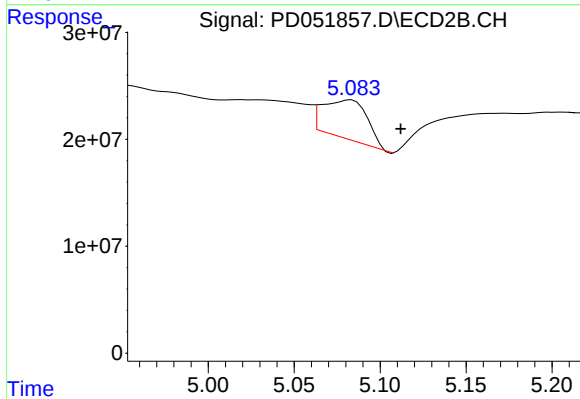
#6 beta-BHC

R.T.: 4.878 min
Delta R.T.: -0.015 min
Response: 22344555
Conc: 1.24 ng/ml



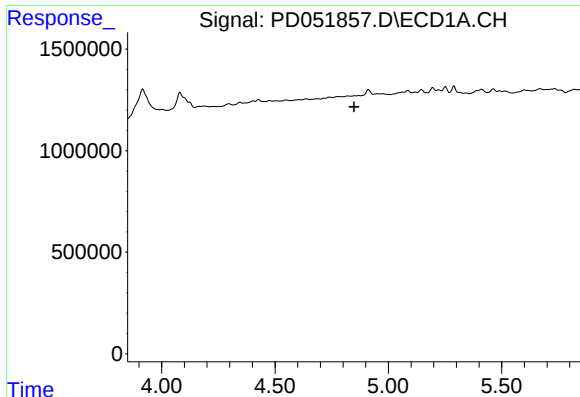
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.346 min
Response: 0
Conc: N.D.



#7 delta-BHC

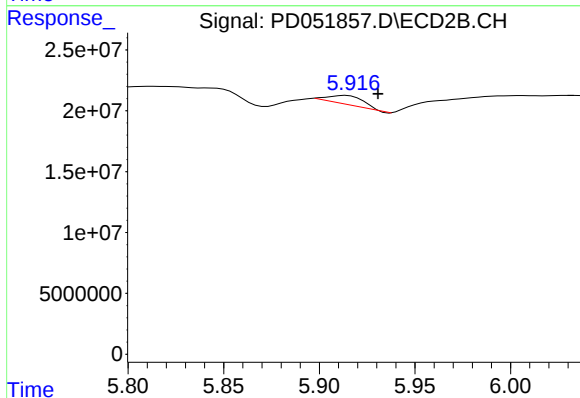
R.T.: 5.083 min
Delta R.T.: -0.029 min
Response: 65732632
Conc: 1.91 ng/ml



#8 Heptachlor epoxide

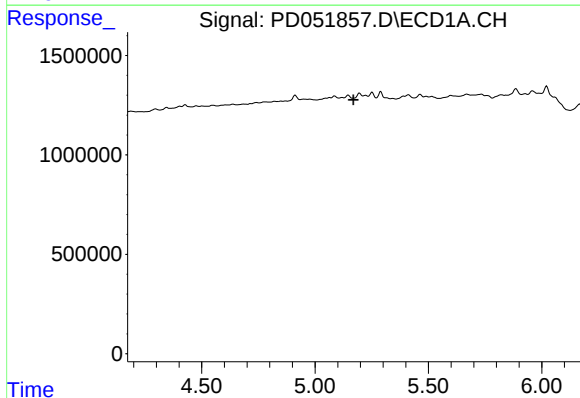
R.T.: 0.000 min
Exp R.T.: 4.849 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



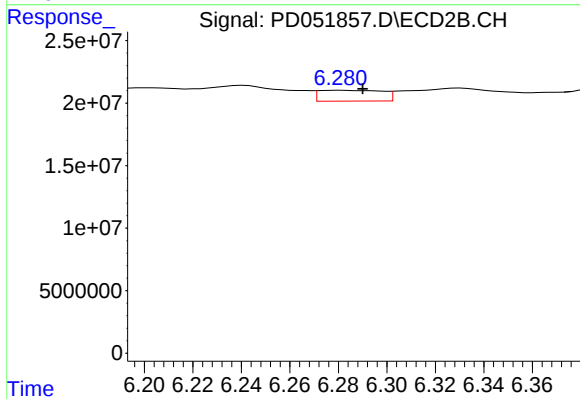
#8 Heptachlor epoxide

R.T.: 5.914 min
Delta R.T.: -0.017 min
Response: 9541259
Conc: 0.30 ng/ml



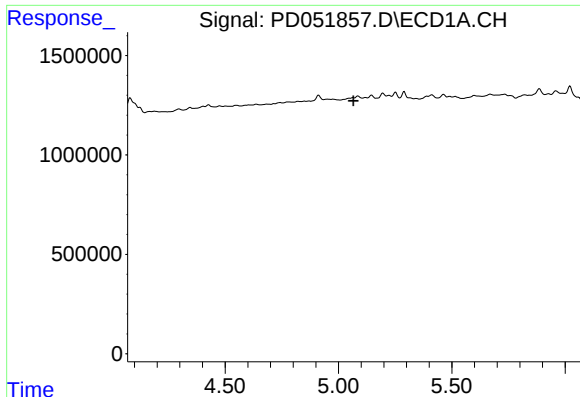
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.170 min
Response: 0
Conc: N.D.



#9 Endosulfan I

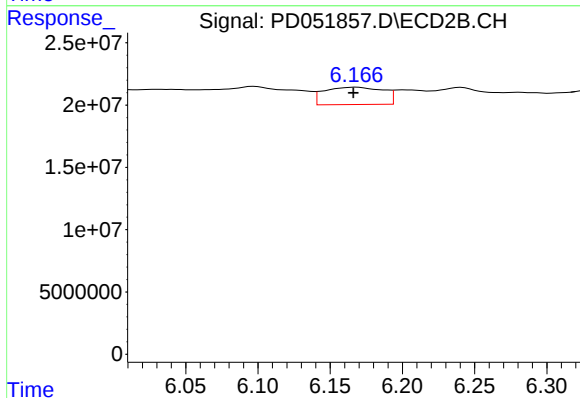
R.T.: 6.281 min
Delta R.T.: -0.009 min
Response: 15707792
Conc: 0.53 ng/ml



#10 gamma-Chlordane

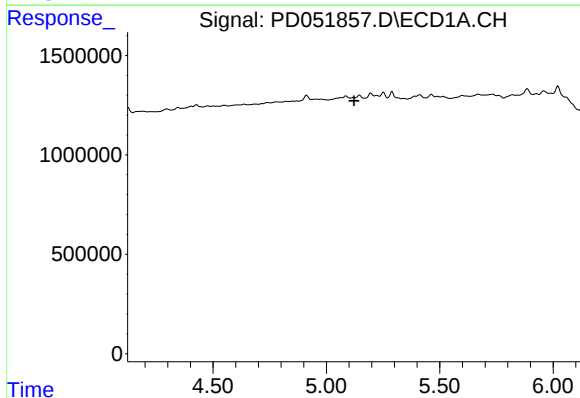
R.T.: 0.000 min
Exp R.T.: 5.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



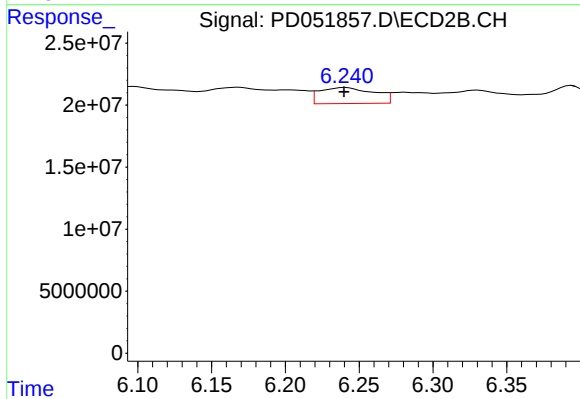
#10 gamma-Chlordane

R.T.: 6.168 min
Delta R.T.: 0.001 min
Response: 39331472
Conc: 1.23 ng/ml



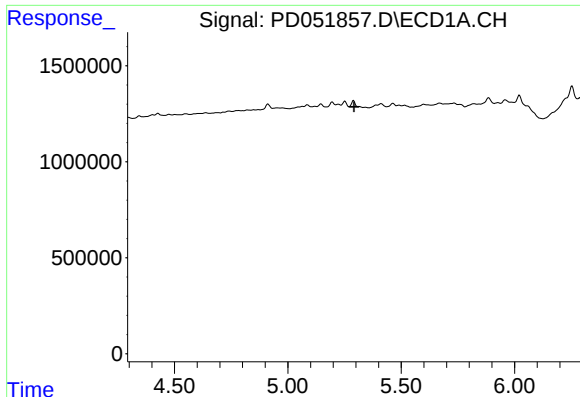
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.122 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

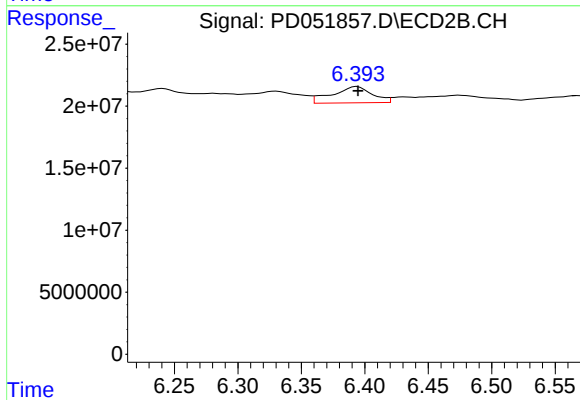
R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 33253813
Conc: 1.05 ng/ml



#12 4,4'-DDE

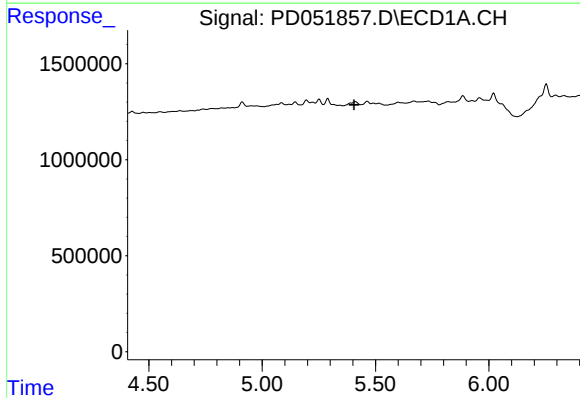
R.T.: 0.000 min
Exp R.T.: 5.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



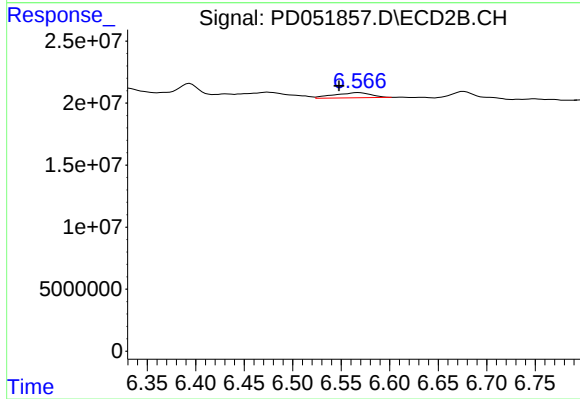
#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 28622588
Conc: 0.93 ng/ml



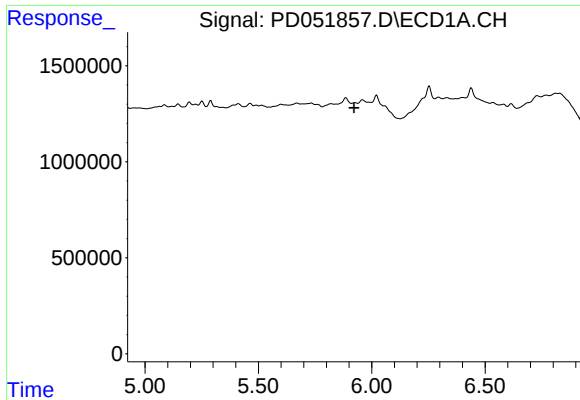
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 5.406 min
Response: 0
Conc: N.D.



#13 Dieldrin

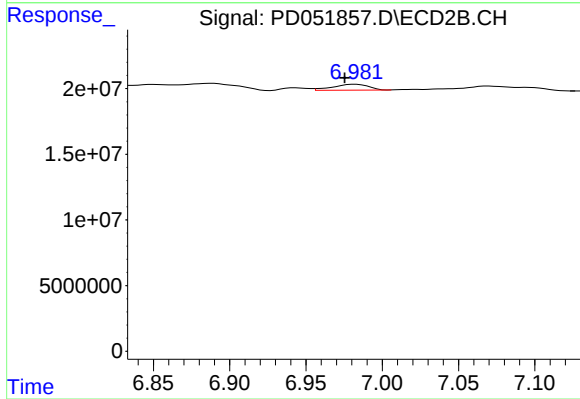
R.T.: 6.568 min
Delta R.T.: 0.020 min
Response: 10293276
Conc: 0.33 ng/ml



#15 Endosulfan II

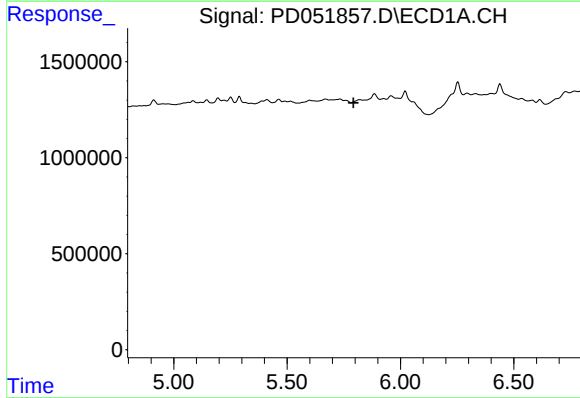
R.T.: 0.000 min
Exp R.T.: 5.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



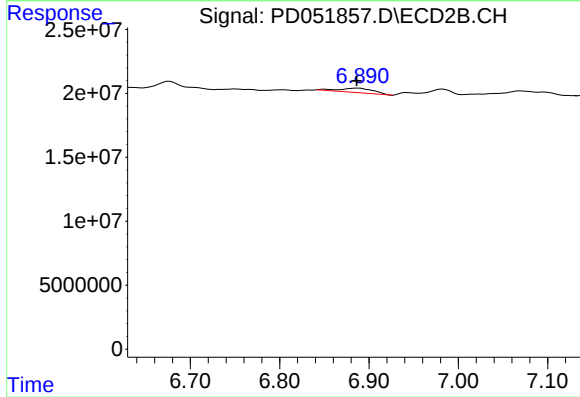
#15 Endosulfan II

R.T.: 6.982 min
Delta R.T.: 0.007 min
Response: 7311127
Conc: 0.28 ng/ml



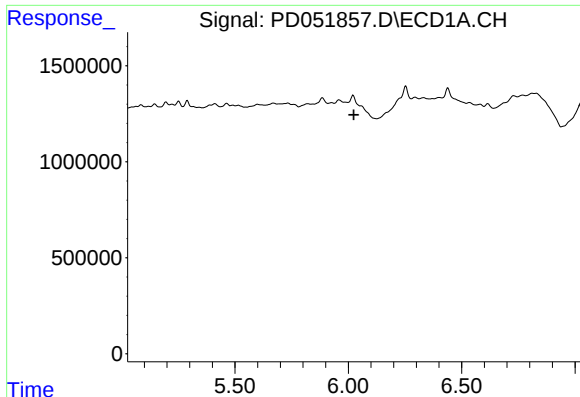
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 5.793 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

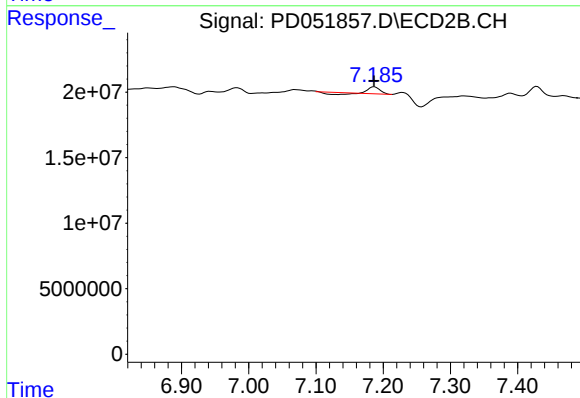
R.T.: 6.888 min
Delta R.T.: 0.001 min
Response: 9134389
Conc: 0.37 ng/ml



#17 4,4'-DDT

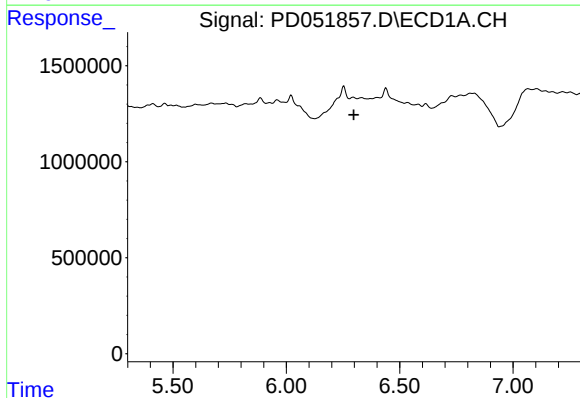
R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



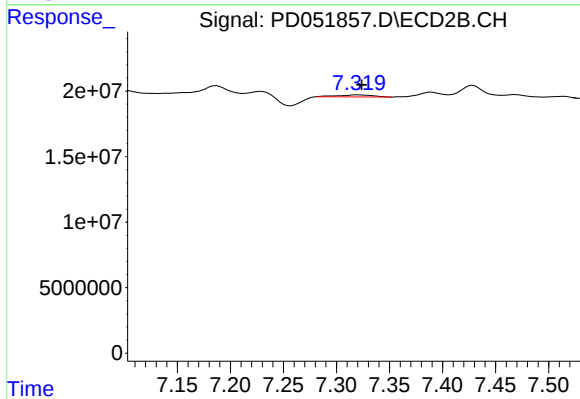
#17 4,4'-DDT

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 3560656
Conc: 0.18 ng/ml



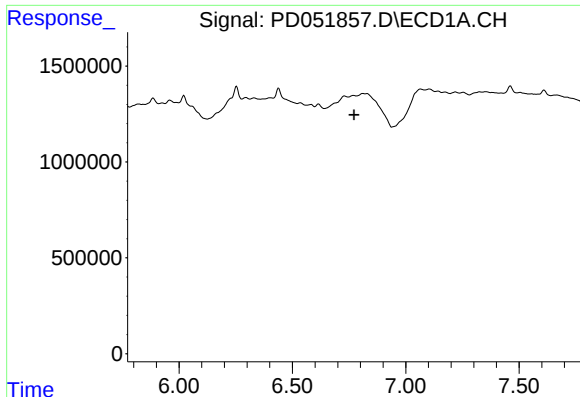
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 6.298 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

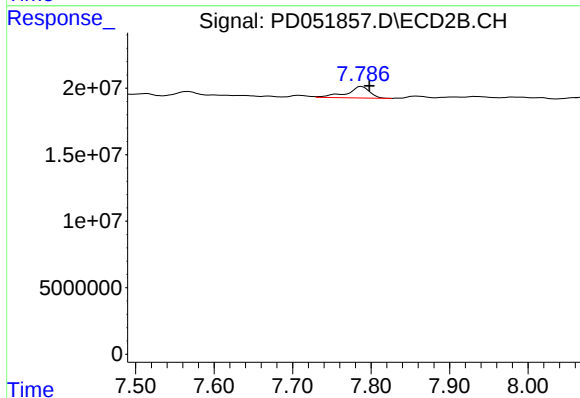
R.T.: 7.320 min
Delta R.T.: -0.004 min
Response: 3630932
Conc: 0.15 ng/ml



#21 Endrin ketone

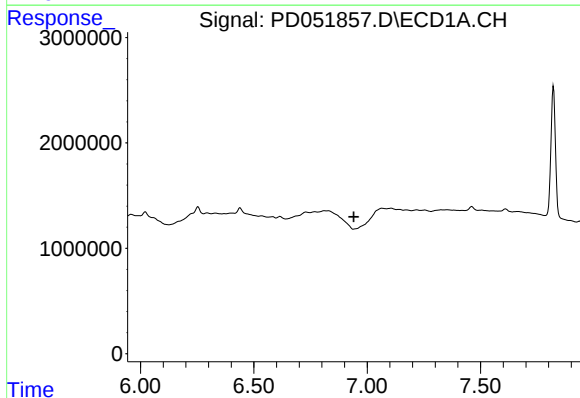
R.T.: 0.000 min
Exp R.T. : 6.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



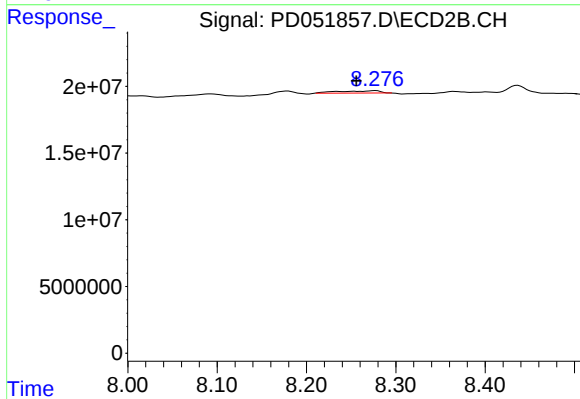
#21 Endrin ketone

R.T.: 7.788 min
Delta R.T.: -0.010 min
Response: 17561275
Conc: 0.78 ng/ml



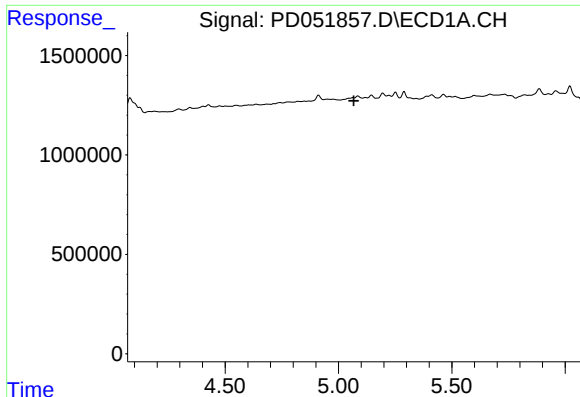
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 6.942 min
Response: 0
Conc: N.D.



#22 Mirex

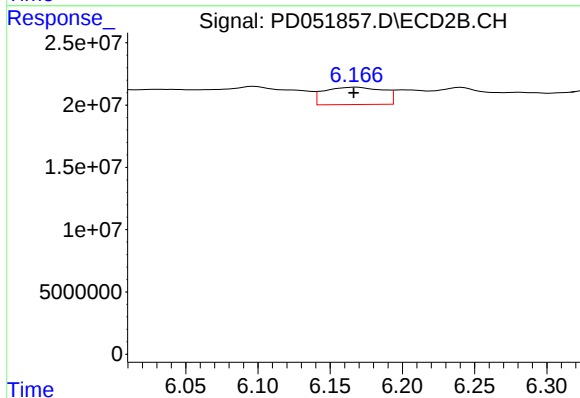
R.T.: 8.277 min
Delta R.T.: 0.021 min
Response: 5527117
Conc: 0.36 ng/ml



#25 Chlordane-3

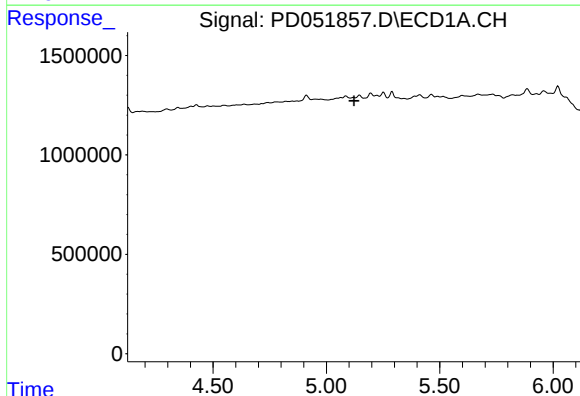
R.T.: 0.000 min
Exp R.T.: 5.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



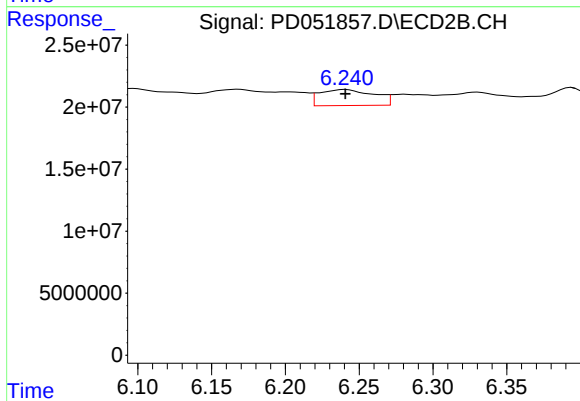
#25 Chlordane-3

R.T.: 6.168 min
Delta R.T.: 0.001 min
Response: 39331472
Conc: 8.83 ng/ml



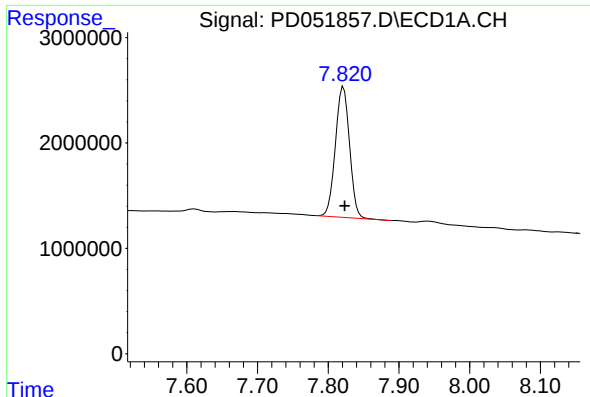
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.122 min
Response: 0
Conc: N.D.



#26 Chlordane-4

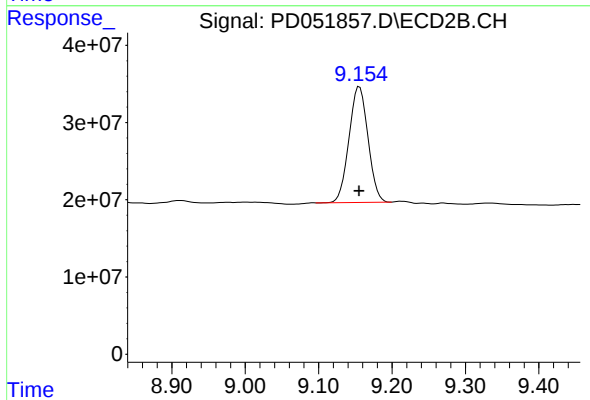
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 33253813
Conc: 6.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.822 min
Delta R.T.: -0.002 min
Response: 17213933
Conc: 15.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-028-SW064-031219



#28 Decachlorobiphenyl

R.T.: 9.156 min
Delta R.T.: 0.000 min
Response: 269450955
Conc: 14.75 ng/ml