

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100818\
 Data File : PD049677.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Oct 2018 22:55
 Operator : AJ\SJ
 Sample : LOD CHLOR
 Misc : ECD_D LOD CHLOR 50 PPB SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

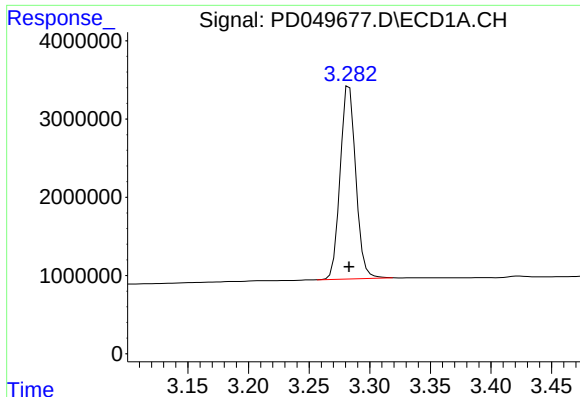
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 05:07:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100818.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 09 04:09:34 2018
 Response via : Initial Calibration
 Integrator: ChemStation 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...	3.283	4.035	22131206	285.4E6	18.667	20.547
28)	SA Decachlor...	7.876	9.125	23629086	274.8E6	20.307	21.745
Target Compounds							
2)	A alpha-BHC	0.000	4.472f	0	10122714	N.D.	0.485 #
4)	MA Heptachlor	4.252	5.224	2711379	43489779	1.586	2.322 #
6)	B beta-BHC	4.252	4.926f	2711379	10938012	3.880	1.391 #
7)	B delta-BHC	0.000	5.036f	0	26735060	N.D.	1.419 #
8)	B Heptachlo...	0.000	5.902	0	18051304	N.D.	1.113 #
9)	A Endosulfan I	5.181f	6.226f	6408332	118.7E6	4.580	7.963 #
10)	B gamma-Chl...	5.126	6.151	6176996	82065828	4.017	4.974
11)	B alpha-Chl...	5.181	6.226	6408332	118.7E6	4.208	7.480 #
12)	B 4,4'-DDE	0.000	6.449f	0	8450379	N.D.	0.540 #
14)	MA Endrin	0.000	6.687f	0	5197326	N.D.	0.412 #
15)	B Endosulfa...	5.983	6.967	1993744	1693594	1.497	0.125 #
16)	A 4,4'-DDD	0.000	6.889	0	4034465	N.D.	0.325 #
18)	B Endrin al...	0.000	7.034f	0	17700754	N.D.	1.585 #
19)	B Endosulfa...	6.290f	7.341	3399644	-5320488	2.826	N.D. #
23)	Chlordane-1	4.109	5.036	1845808	26735060	36.239	39.069
24)	Chlordane-2	4.588	5.456	2502490	2425108	45.074	3.712 #
25)	Chlordane-3	5.126	6.151	6176996	82065828	36.808	36.322
26)	Chlordane-4	5.181	6.226	6408332	118.7E6	38.838	46.443
27)	Chlordane-5	5.983	7.034	1993744	17700754	37.194	35.327

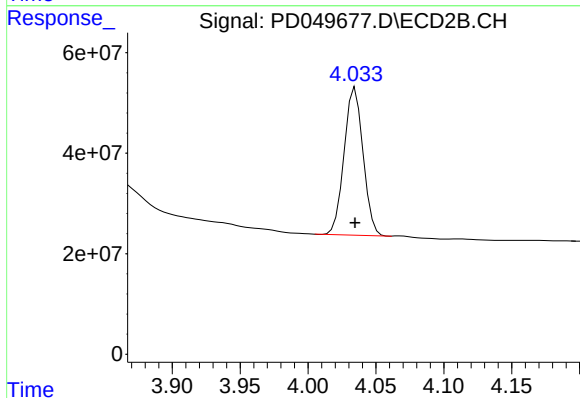
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

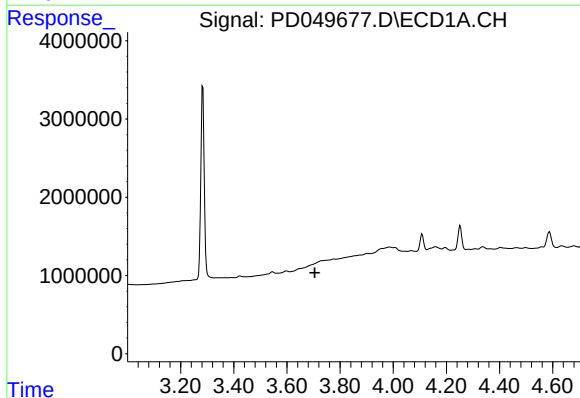
R.T.: 3.283 min
Delta R.T.: 0.000 min
Response: 22131206
Conc: 18.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



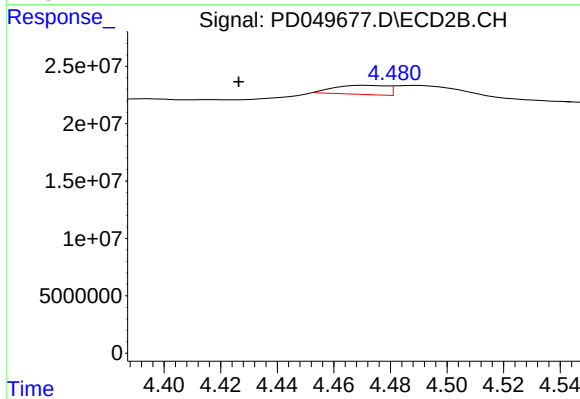
#1 Tetrachloro-m-xylene

R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 285369006
Conc: 20.55 ng/ml



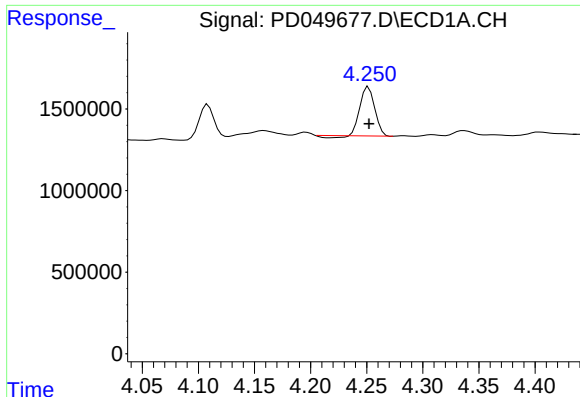
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.705 min
Response: 0
Conc: N.D.



#2 alpha-BHC

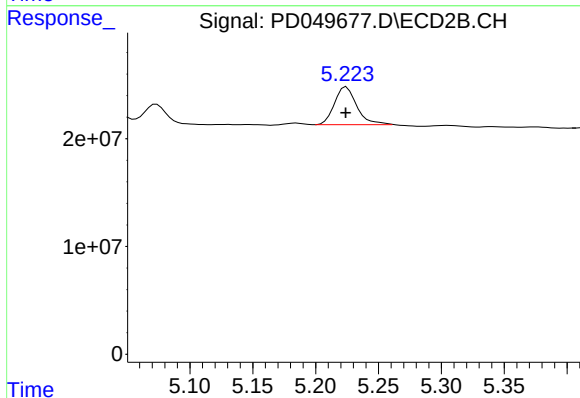
R.T.: 4.472 min
Delta R.T.: 0.045 min
Response: 10122714
Conc: 0.48 ng/ml



#4 Heptachlor

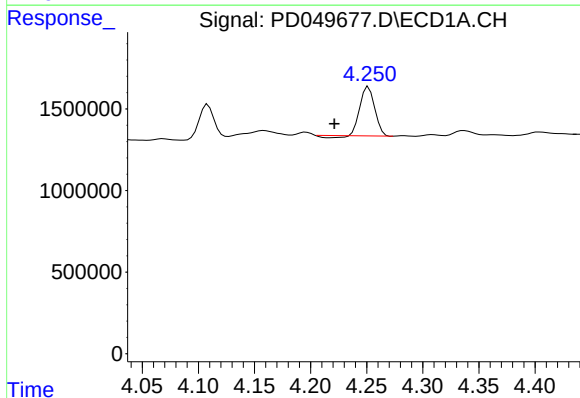
R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 2711379
Conc: 1.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



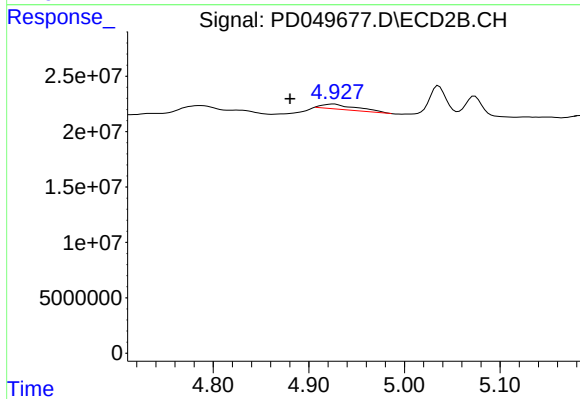
#4 Heptachlor

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 43489779
Conc: 2.32 ng/ml



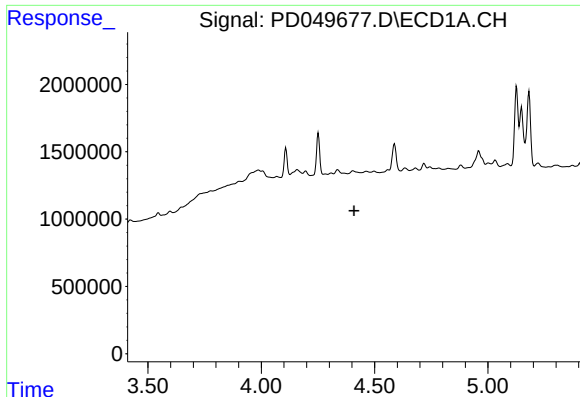
#6 beta-BHC

R.T.: 4.252 min
Delta R.T.: 0.030 min
Response: 2711379
Conc: 3.88 ng/ml



#6 beta-BHC

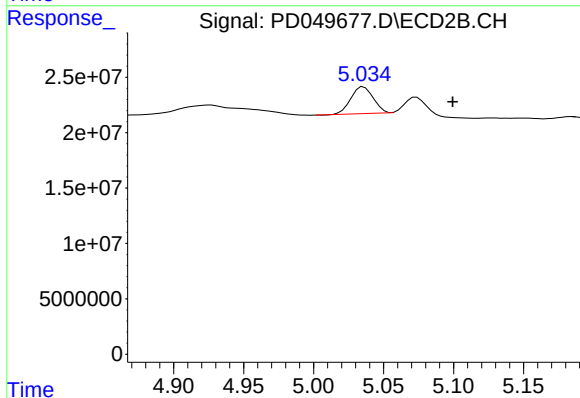
R.T.: 4.926 min
Delta R.T.: 0.046 min
Response: 10938012
Conc: 1.39 ng/ml



#7 delta-BHC

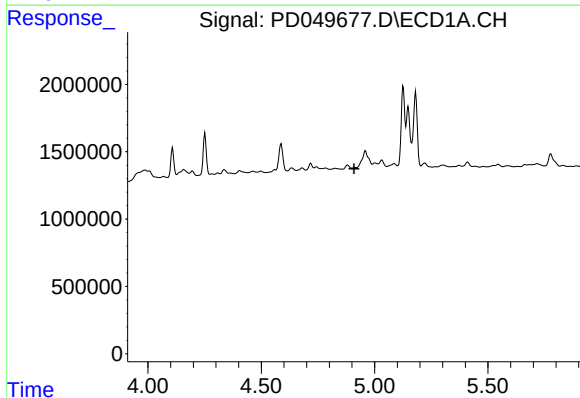
R.T.: 0.000 min
Exp R.T. : 4.409 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



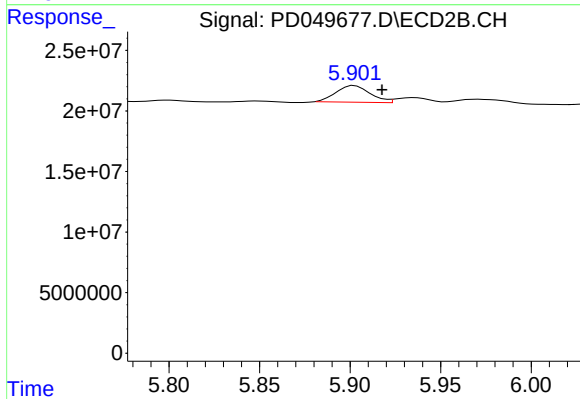
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: -0.063 min
Response: 26735060
Conc: 1.42 ng/ml



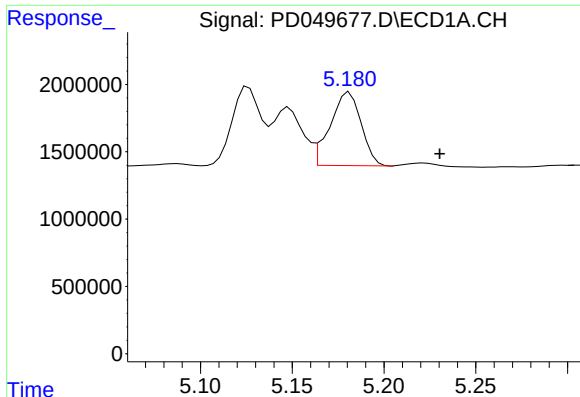
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.910 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

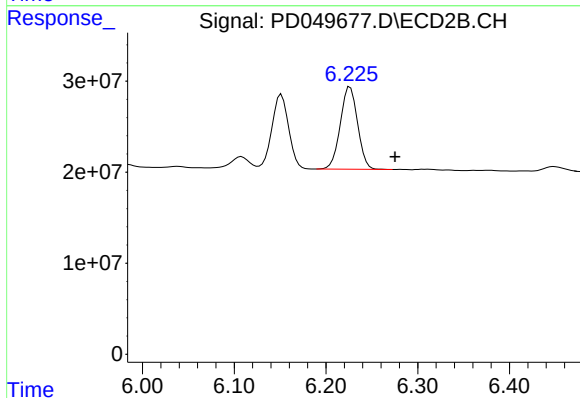
R.T.: 5.902 min
Delta R.T.: -0.015 min
Response: 18051304
Conc: 1.11 ng/ml



#9 Endosulfan I

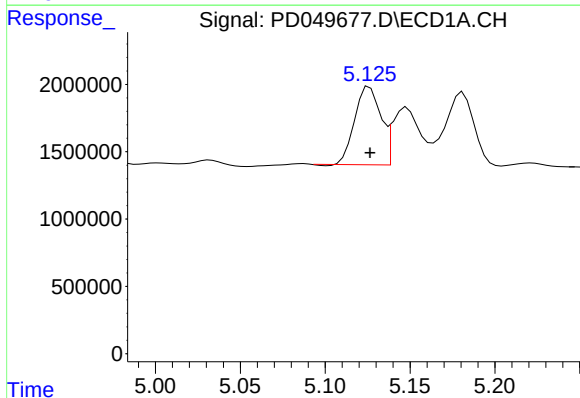
R.T.: 5.181 min
Delta R.T.: -0.049 min
Response: 6408332
Conc: 4.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



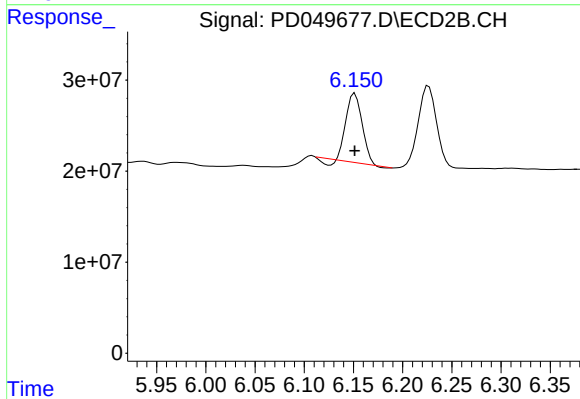
#9 Endosulfan I

R.T.: 6.226 min
Delta R.T.: -0.049 min
Response: 118710529
Conc: 7.96 ng/ml



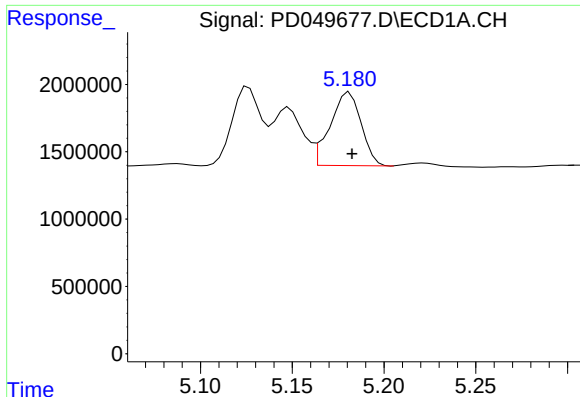
#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 6176996
Conc: 4.02 ng/ml



#10 gamma-Chlordane

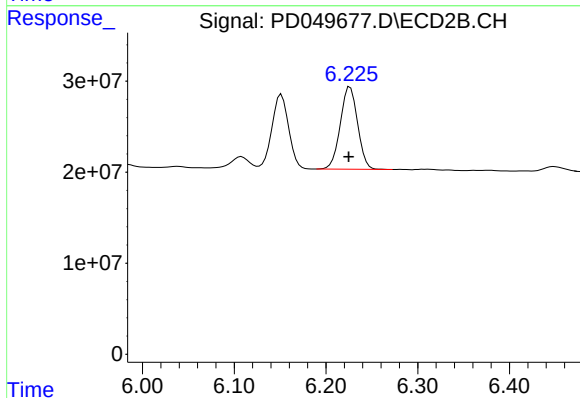
R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 82065828
Conc: 4.97 ng/ml



#11 alpha-Chlordane

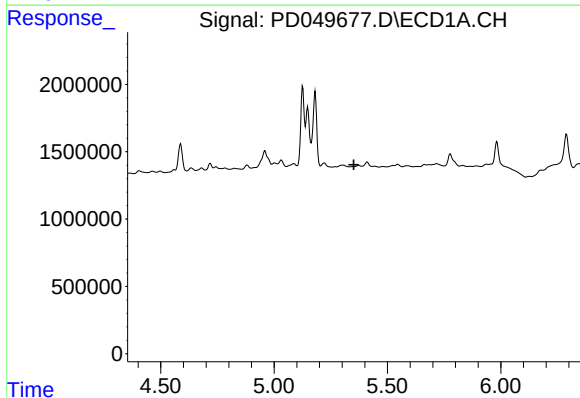
R.T.: 5.181 min
Delta R.T.: -0.001 min
Response: 6408332
Conc: 4.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



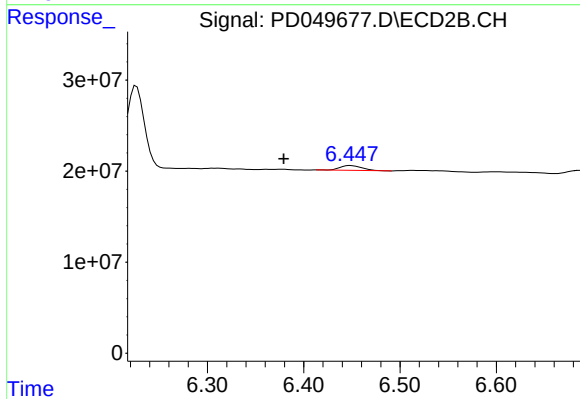
#11 alpha-Chlordane

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 118710529
Conc: 7.48 ng/ml



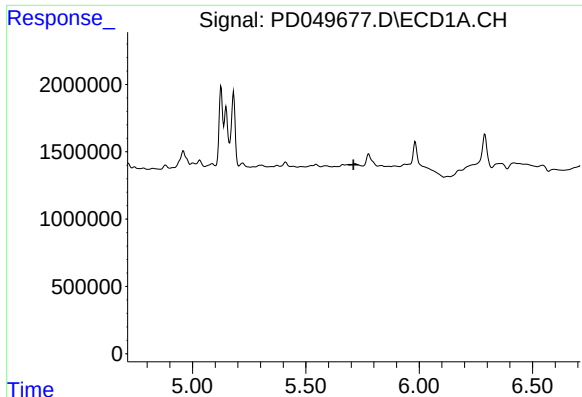
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.352 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

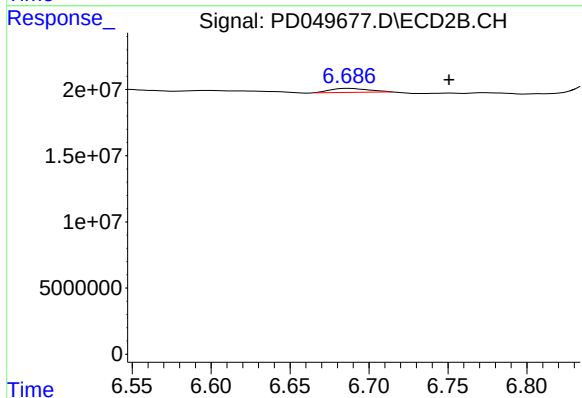
R.T.: 6.449 min
Delta R.T.: 0.069 min
Response: 8450379
Conc: 0.54 ng/ml



#14 Endrin

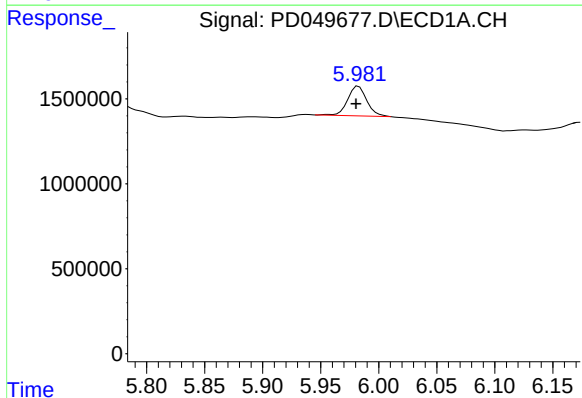
R.T.: 0.000 min
Exp R.T.: 5.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



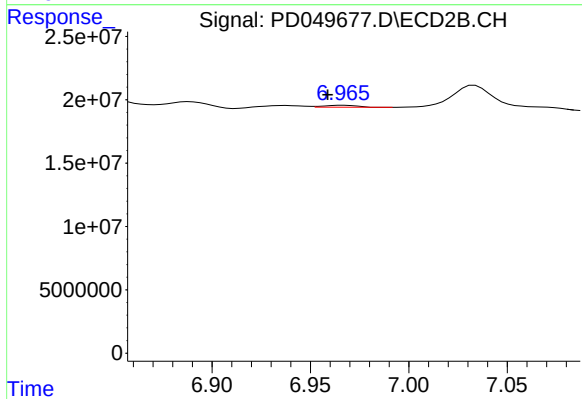
#14 Endrin

R.T.: 6.687 min
Delta R.T.: -0.064 min
Response: 5197326
Conc: 0.41 ng/ml



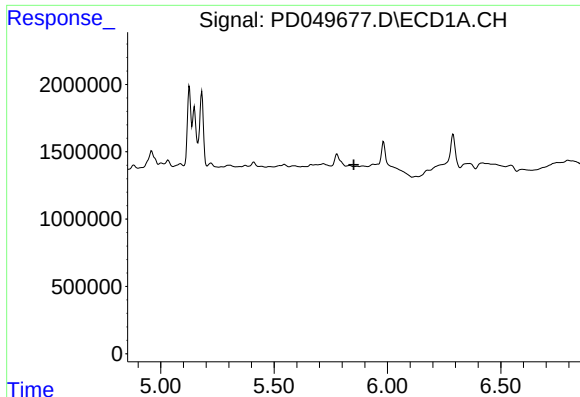
#15 Endosulfan II

R.T.: 5.983 min
Delta R.T.: 0.002 min
Response: 1993744
Conc: 1.50 ng/ml



#15 Endosulfan II

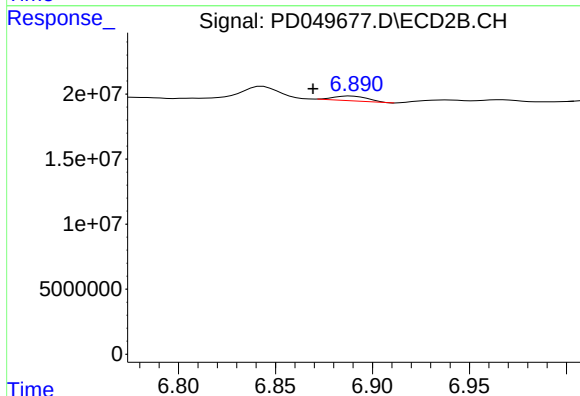
R.T.: 6.967 min
Delta R.T.: 0.008 min
Response: 1693594
Conc: 0.13 ng/ml



#16 4,4'-DDD

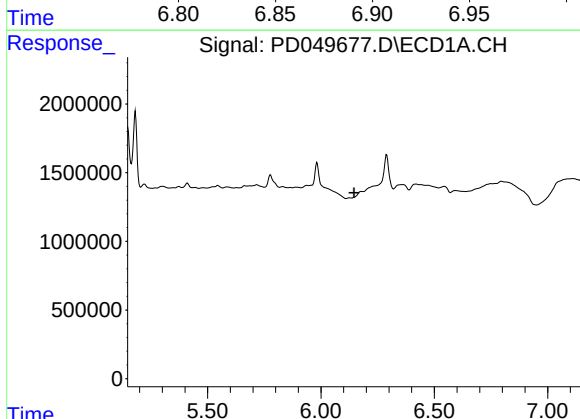
R.T.: 0.000 min
Exp R.T.: 5.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



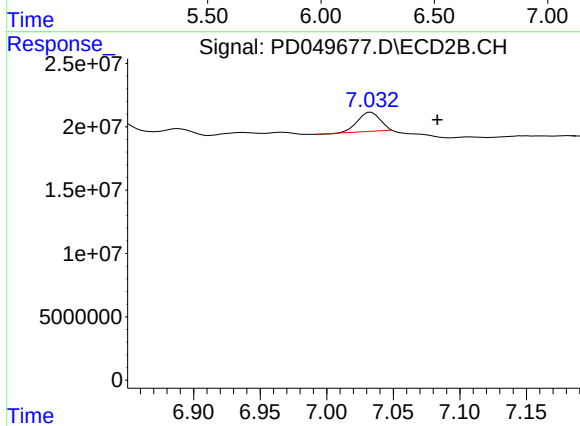
#16 4,4'-DDD

R.T.: 6.889 min
Delta R.T.: 0.019 min
Response: 4034465
Conc: 0.32 ng/ml



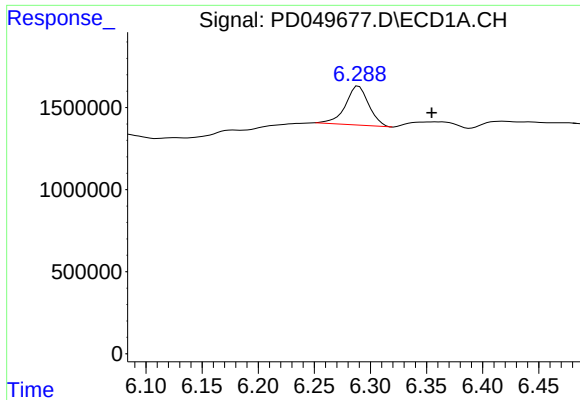
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.147 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

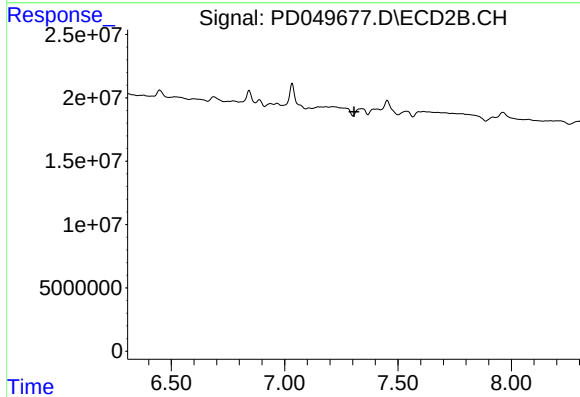
R.T.: 7.034 min
Delta R.T.: -0.050 min
Response: 17700754
Conc: 1.59 ng/ml



#19 Endosulfan Sulfate

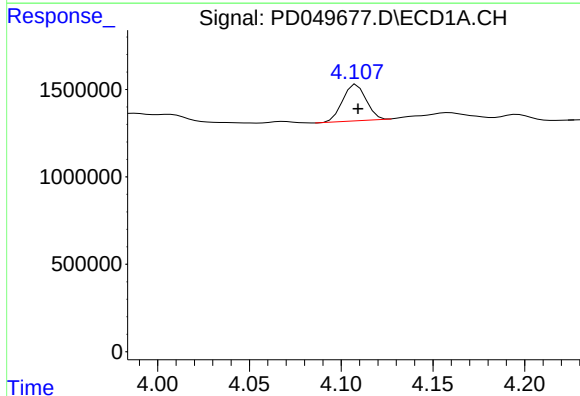
R.T.: 6.290 min
Delta R.T.: -0.065 min
Response: 3399644
Conc: 2.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



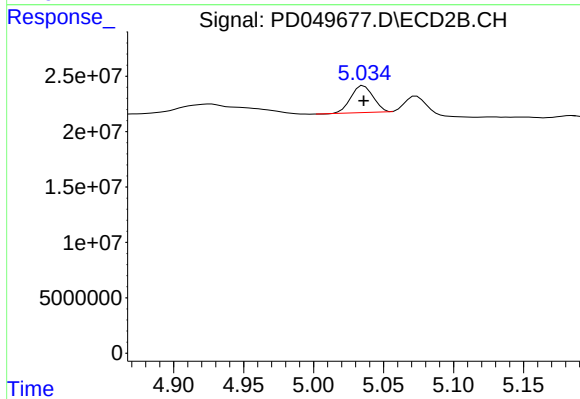
#19 Endosulfan Sulfate

R.T.: 7.341 min
Delta R.T.: 0.035 min
Response: -5320488
Conc: N.D.



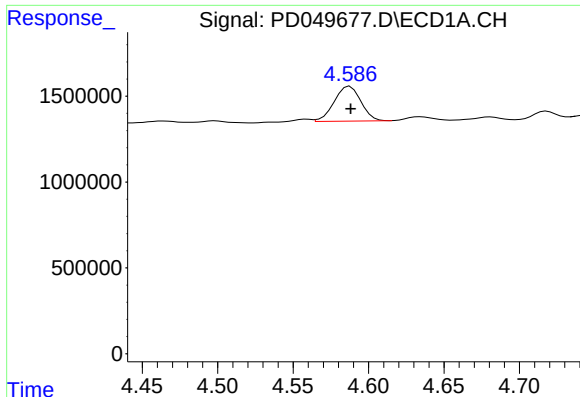
#23 Chlordane-1

R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 1845808
Conc: 36.24 ng/ml



#23 Chlordane-1

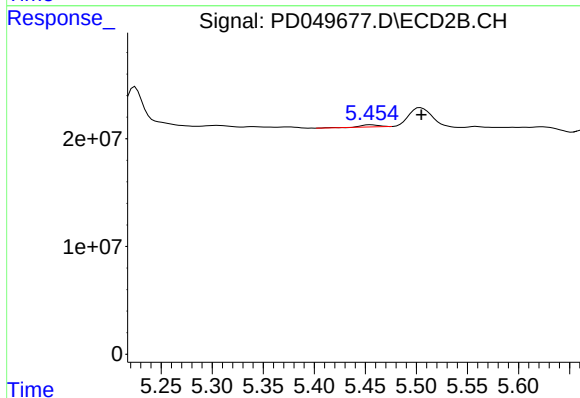
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 26735060
Conc: 39.07 ng/ml



#24 Chlordane-2

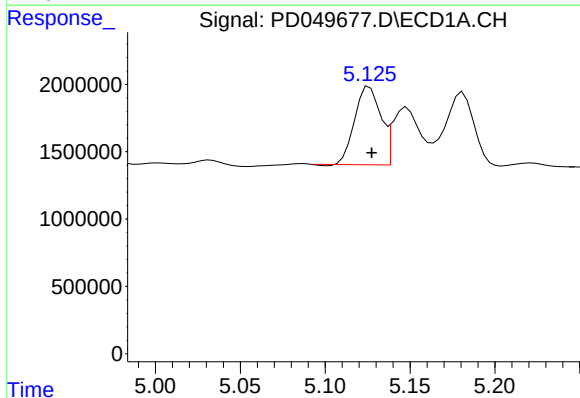
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 2502490
Conc: 45.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



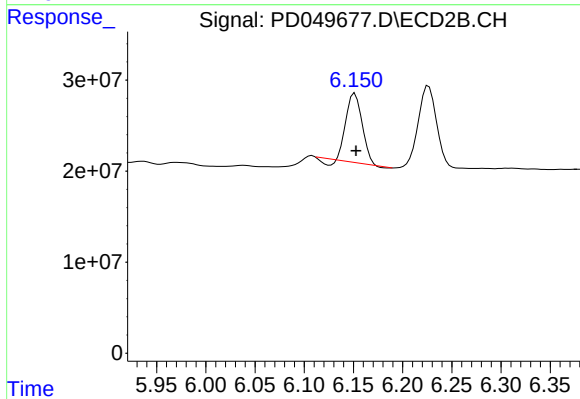
#24 Chlordane-2

R.T.: 5.456 min
Delta R.T.: -0.049 min
Response: 2425108
Conc: 3.71 ng/ml



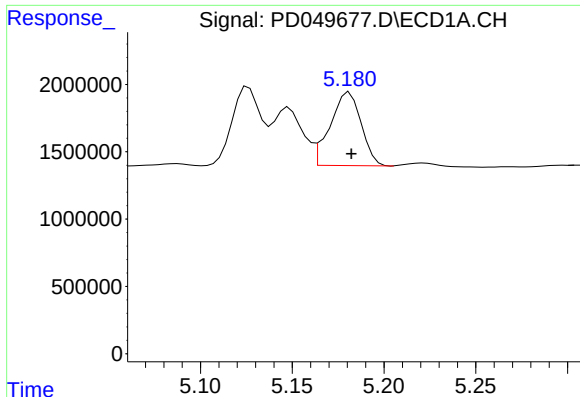
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 6176996
Conc: 36.81 ng/ml



#25 Chlordane-3

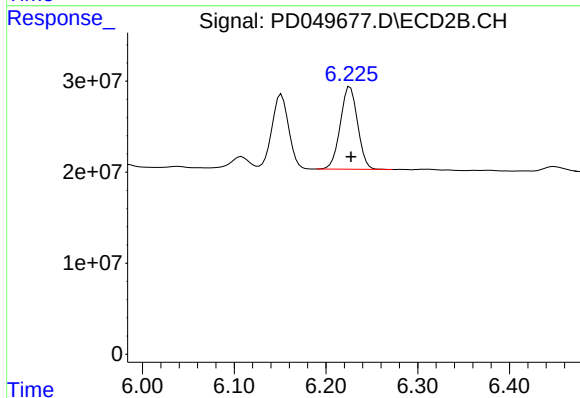
R.T.: 6.151 min
Delta R.T.: -0.001 min
Response: 82065828
Conc: 36.32 ng/ml



#26 Chlordane-4

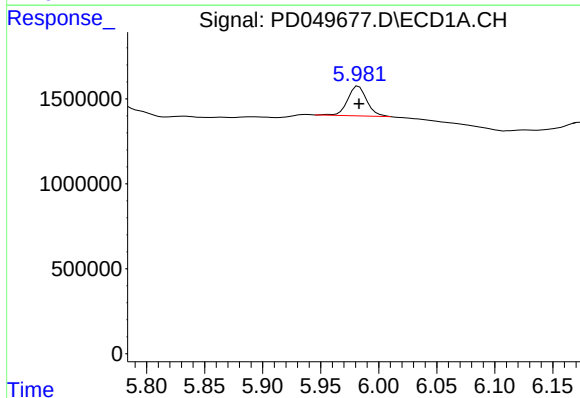
R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 6408332
Conc: 38.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



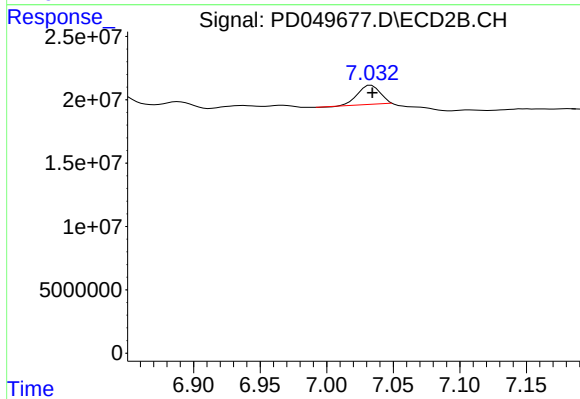
#26 Chlordane-4

R.T.: 6.226 min
Delta R.T.: -0.001 min
Response: 118710529
Conc: 46.44 ng/ml



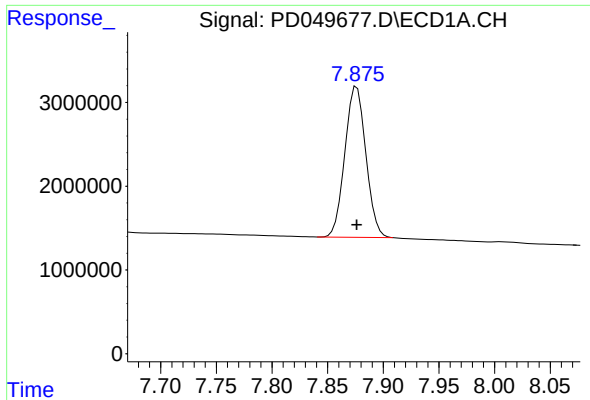
#27 Chlordane-5

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 1993744
Conc: 37.19 ng/ml



#27 Chlordane-5

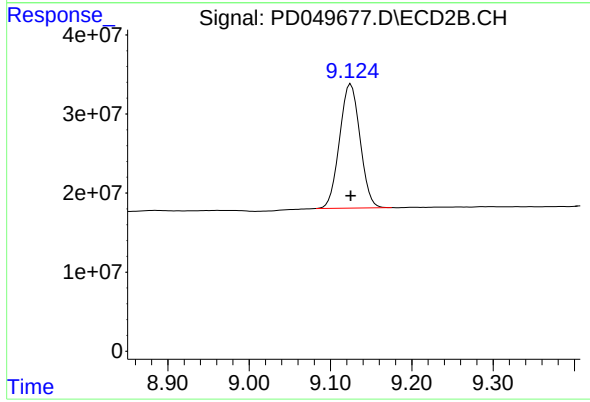
R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 17700754
Conc: 35.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 23629086
Conc: 20.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 274751757
Conc: 21.74 ng/ml