Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
Data File : PD052977.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Apr 2019 12:05
Operator : AJ\SJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : PCHLORCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 02:06:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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...	3.219	4.042	69565949	1275.6E6	49.853	44.009	
28)	SA Decachlor...	7.813	9.160	66193777	812.5E6	49.667	52.246	
	Target Compounds							
2)	A alpha-BHC	0.000	4.443	0	58381701	N.D.	1.297	#
3)	MA gamma-BHC...	3.917	4.741f	1064363	22193226	0.487	0.552	
4)	MA Heptachlor	4.184	5.234	46520888	957.5E6	21.911	24.134	
5)	MB Aldrin	4.431	5.515f	3048808	610.9E6	1.514	16.500	#
6)	B beta-BHC	4.184f	4.919f	46520888	115.1E6	52.708	6.361	#
7)	B delta-BHC	4.336	0.000	4348951	0	2.132	N.D.	#
8)	B Heptachlo...	0.000	5.915f	0	389.3E6	N.D.	12.061	#
9)	A Endosulfan I	5.154	0.000	6490644	0	3.632	N.D.	#
10)	B gamma-Chl...	5.060	6.165	109.7E6	1980.7E6	56.249	61.908	
11)	B alpha-Chl...	5.114	6.239	104.7E6	2230.5E6	54.245	71.059	#
12)	B 4,4'-DDE	5.308f	6.390	1736209	1781159	0.931	0.058	#
13)	MA Dieldrin	5.417	6.561	609131	15094207	0.315	0.505	#
14)	MA Endrin	5.653	6.791f	2892337	30008973	1.571	1.198	
15)	B Endosulfa...	5.919	6.987	31041229	17992029	18.085	0.722	#
16)	A 4,4'-DDD	5.764f	6.906f	702722	79746132	0.460	3.334	#
17)	MA 4,4'-DDT	0.000	7.199	0	7150488	N.D.	0.384	#
18)	B Endrin al...	0.000	7.090	0	30529393	N.D.	1.483	#
19)	B Endosulfa...	6.319f	7.325	-560888	12175148	N.D.	0.553	
23)	Chlordane-1	4.040	5.044	31622771	673.8E6	503.596	439.237	
24)	Chlordane-2	4.520	5.515	36587714	610.9E6	491.663	436.241	
25)	Chlordane-3	5.060	6.165	109.7E6	1980.7E6	495.977	448.851	
26)	Chlordane-4	5.114	6.239	104.7E6	2230.5E6	493.635	438.626	
27)	Chlordane-5	5.919	7.049	31041229	446.7E6	477.315	484.133	

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

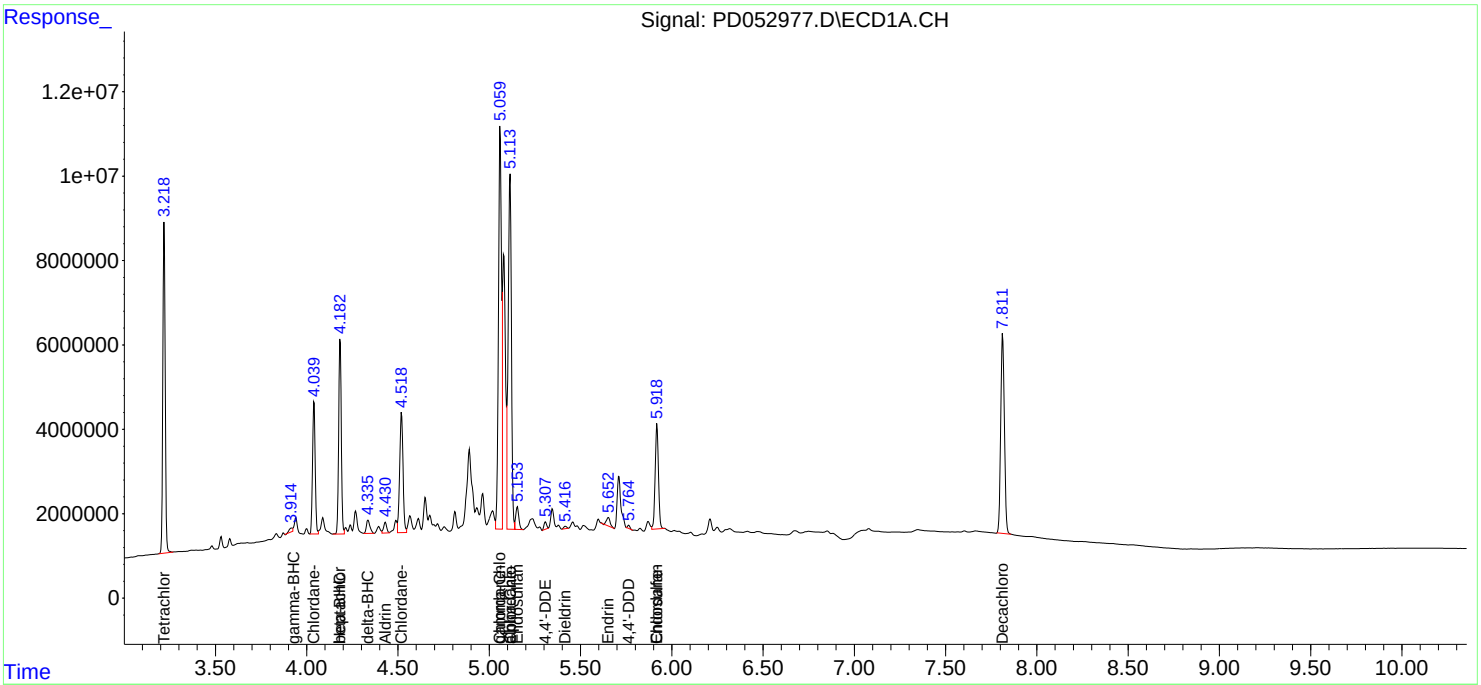
Quantitation Report (Not Reviewed)

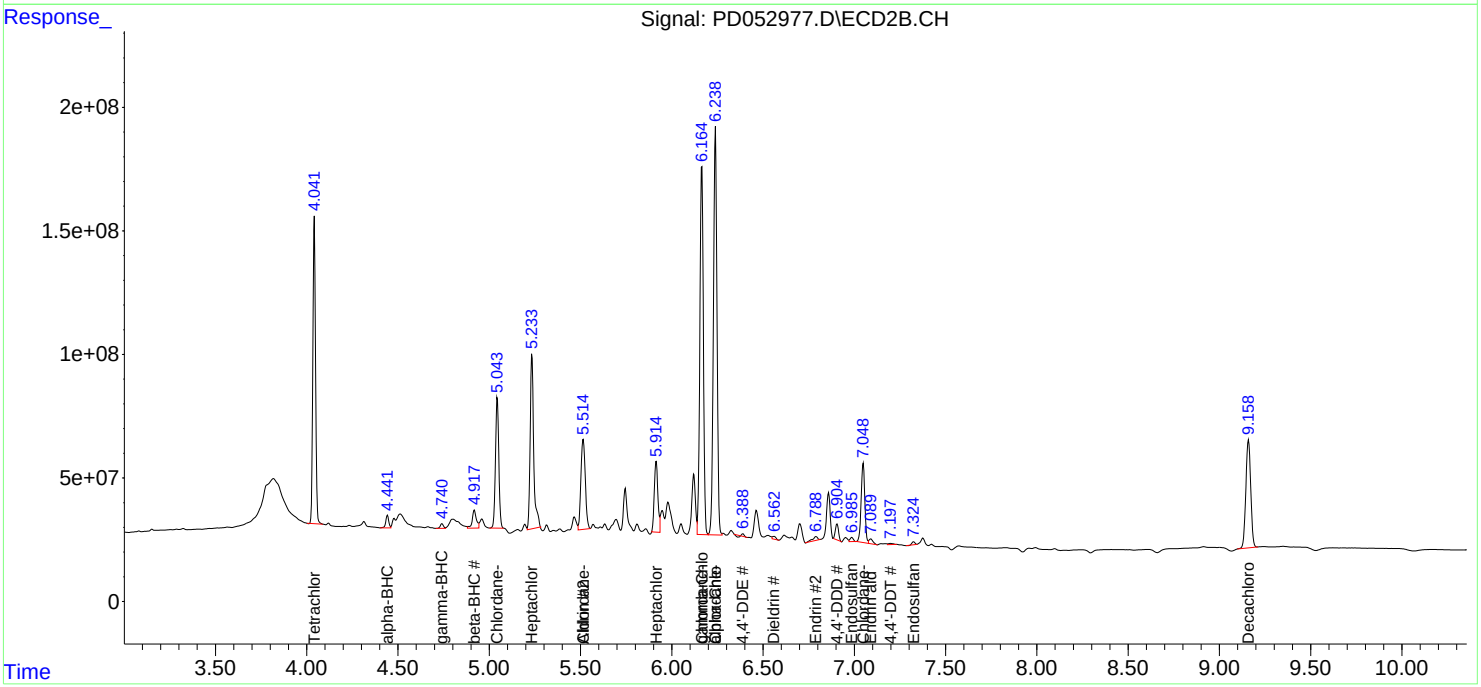
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041719\
Data File : PD052977.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Apr 2019 12:05
Operator : AJ\SJ
Sample : PCHLORCCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

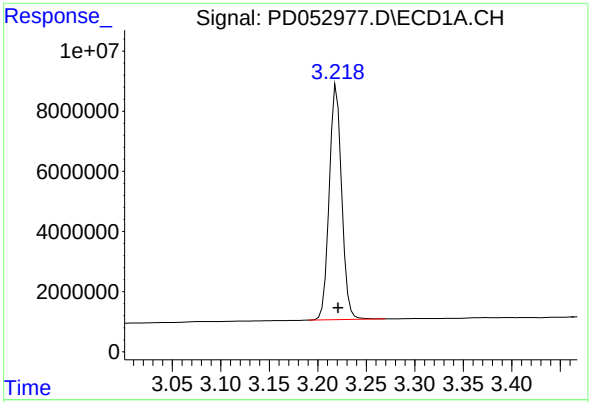
Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 02:06:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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



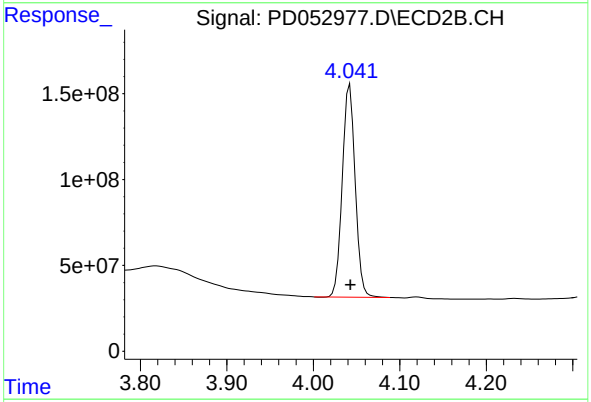




#1 Tetrachloro-m-xylene

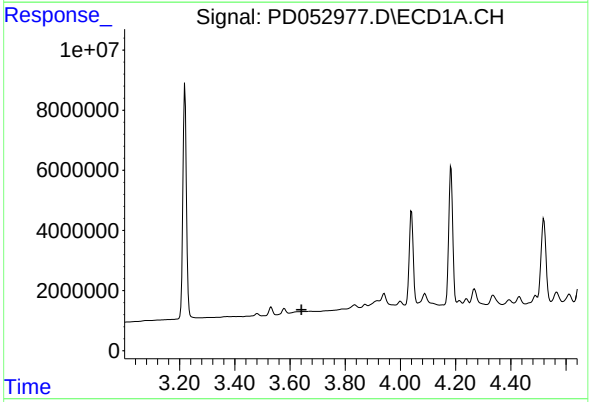
R.T.: 3.219 min
Delta R.T.: -0.002 min
Response: 69565949
Conc: 49.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



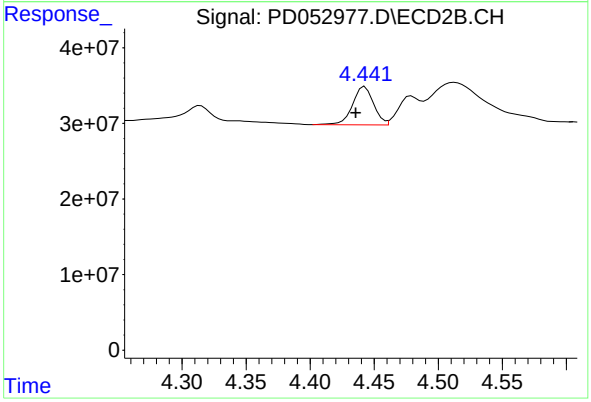
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: 0.000 min
Response: 1275554910
Conc: 44.01 ng/ml



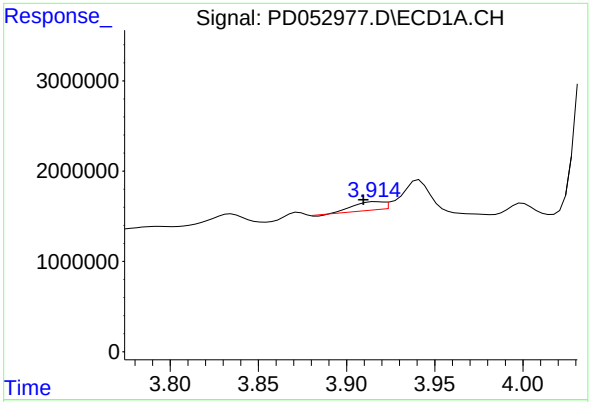
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.642 min
Response: 0
Conc: N.D.



#2 alpha-BHC

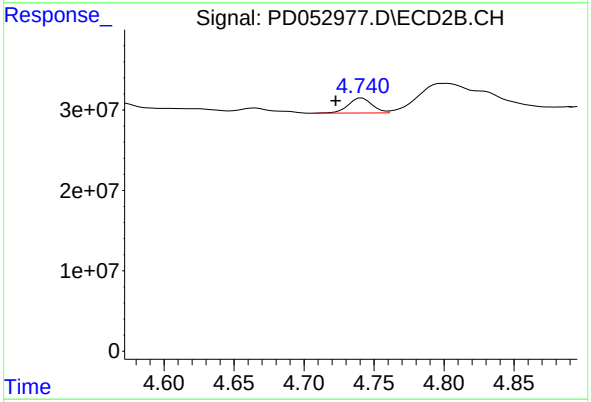
R.T.: 4.443 min
Delta R.T.: 0.007 min
Response: 58381701
Conc: 1.30 ng/ml



#3 gamma-BHC (Lindane)

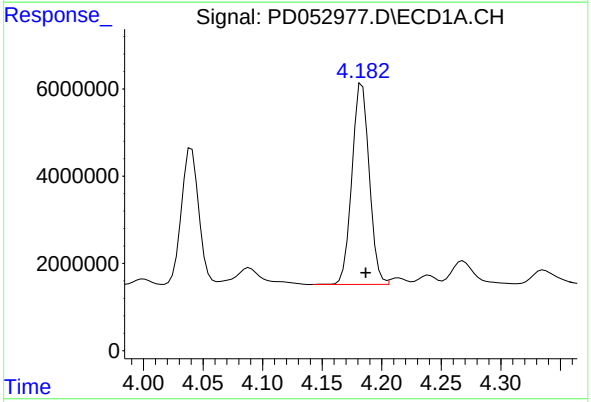
R.T.: 3.917 min
Delta R.T.: 0.008 min
Response: 1064363
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



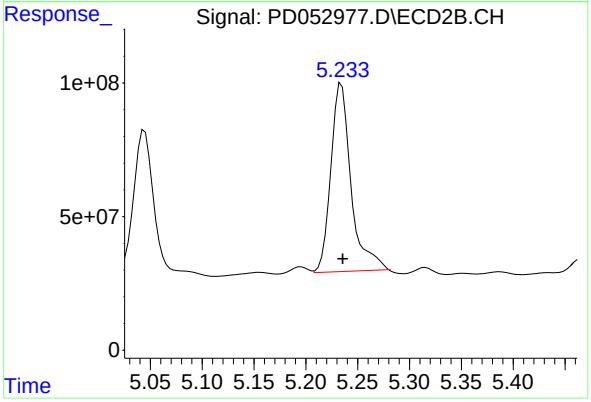
#3 gamma-BHC (Lindane)

R.T.: 4.741 min
Delta R.T.: 0.019 min
Response: 22193226
Conc: 0.55 ng/ml



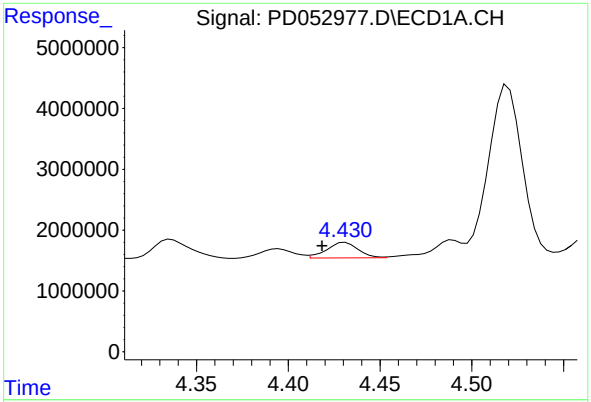
#4 Heptachlor

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 46520888
Conc: 21.91 ng/ml



#4 Heptachlor

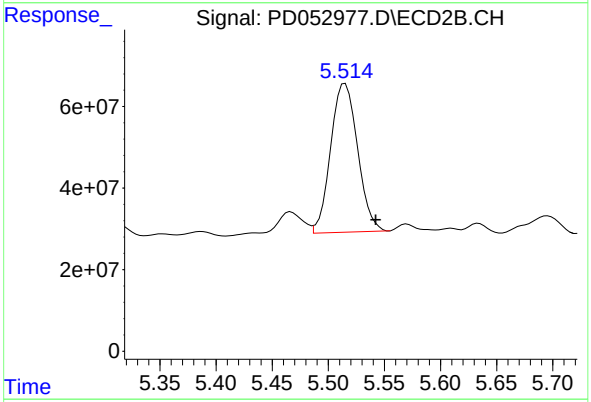
R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 957503760
Conc: 24.13 ng/ml



#5 Aldrin

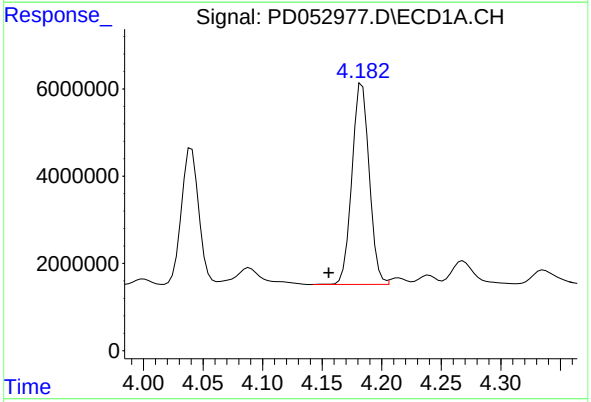
R.T.: 4.431 min
Delta R.T.: 0.013 min
Response: 3048808
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



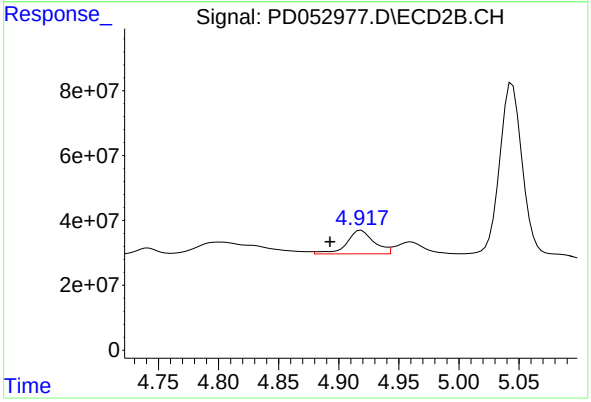
#5 Aldrin

R.T.: 5.515 min
Delta R.T.: -0.027 min
Response: 610942714
Conc: 16.50 ng/ml



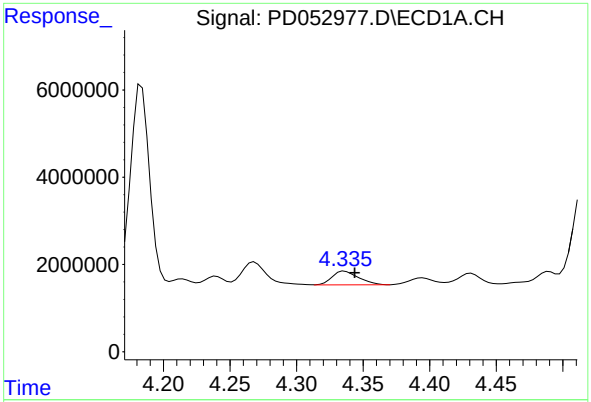
#6 beta-BHC

R.T.: 4.184 min
Delta R.T.: 0.028 min
Response: 46520888
Conc: 52.71 ng/ml



#6 beta-BHC

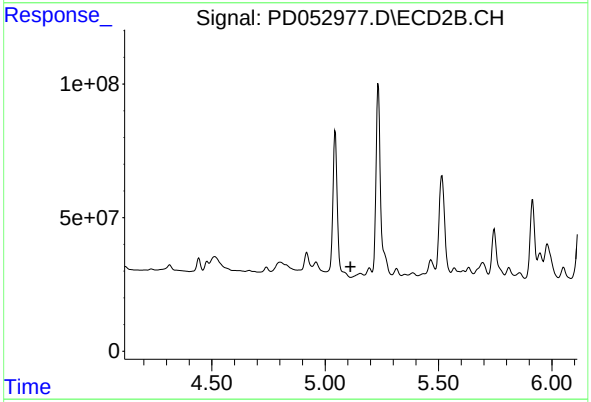
R.T.: 4.919 min
Delta R.T.: 0.026 min
Response: 115101134
Conc: 6.36 ng/ml



#7 delta-BHC

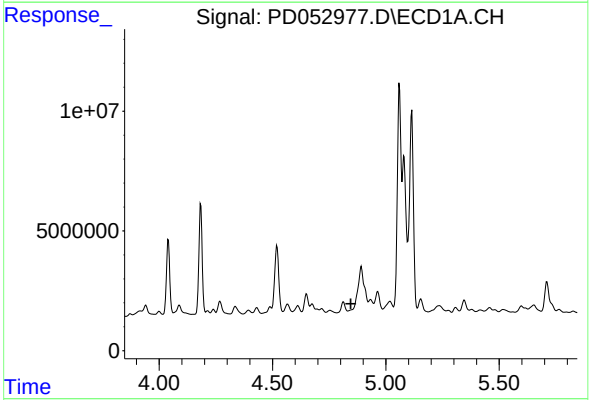
R.T.: 4.336 min
Delta R.T.: -0.008 min
Response: 4348951
Conc: 2.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



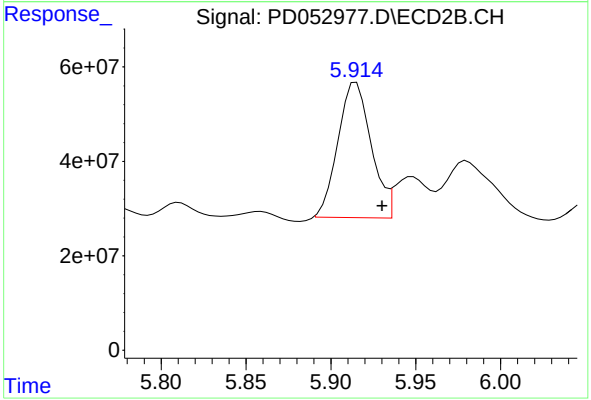
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.112 min
Response: 0
Conc: N.D.



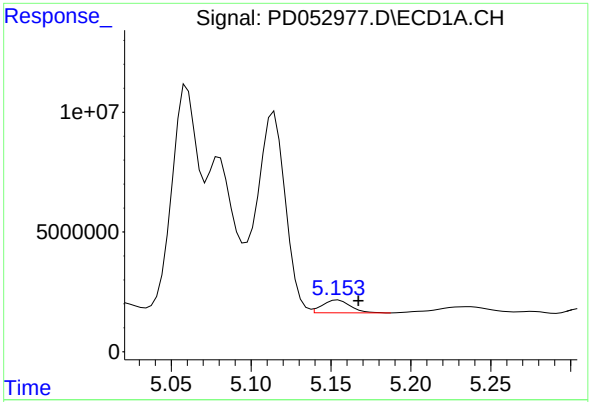
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

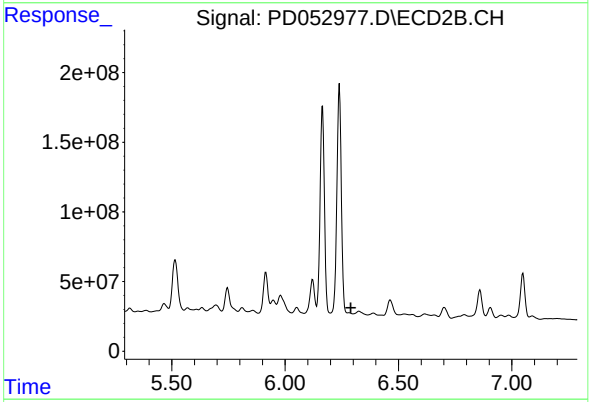
R.T.: 5.915 min
Delta R.T.: -0.015 min
Response: 389316367
Conc: 12.06 ng/ml



#9 Endosulfan I

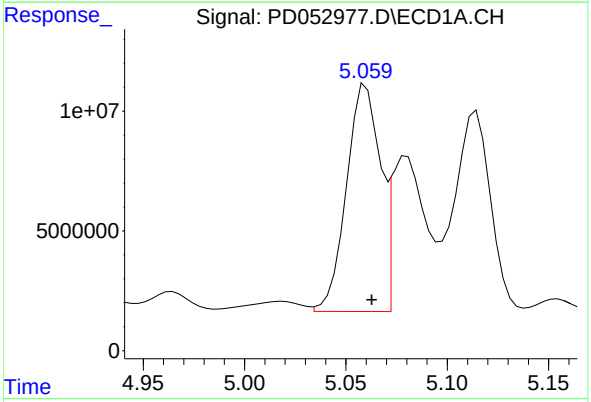
R.T.: 5.154 min
Delta R.T.: -0.013 min
Response: 6490644
Conc: 3.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



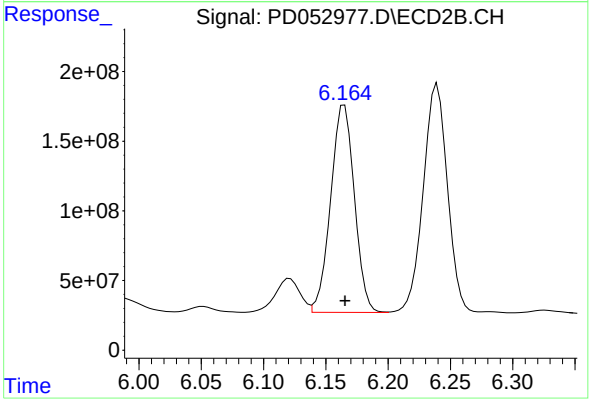
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.289 min
Response: 0
Conc: N.D.



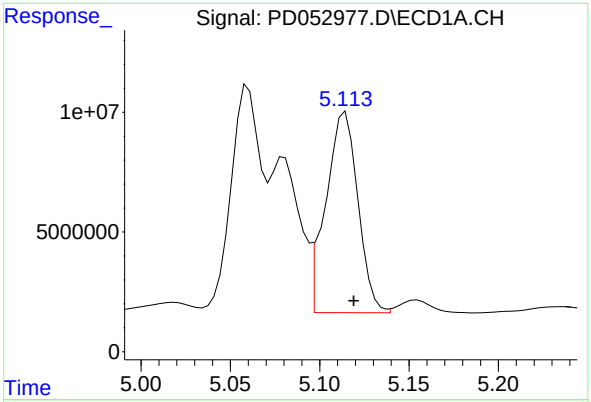
#10 gamma-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.003 min
Response: 109678906
Conc: 56.25 ng/ml



#10 gamma-Chlordane

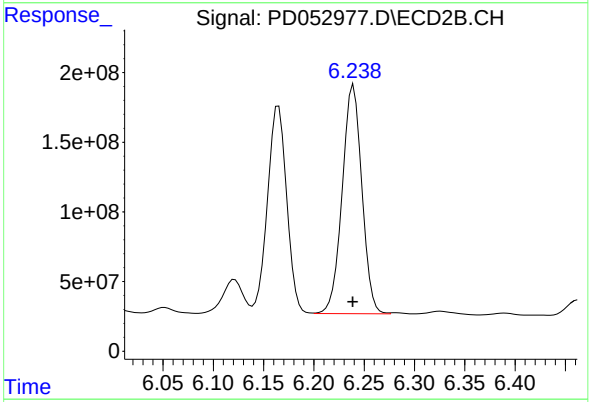
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1980688649
Conc: 61.91 ng/ml



#11 alpha-Chlordane

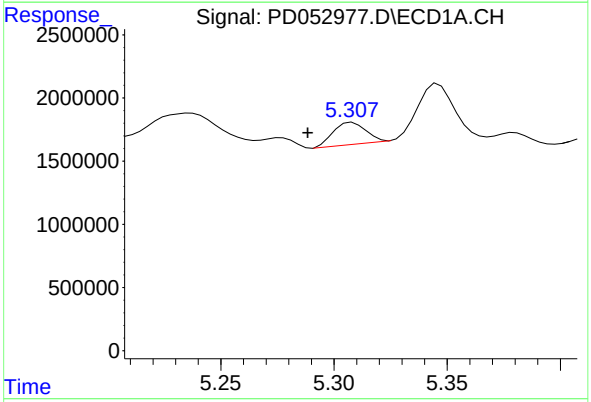
R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 104696475
Conc: 54.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



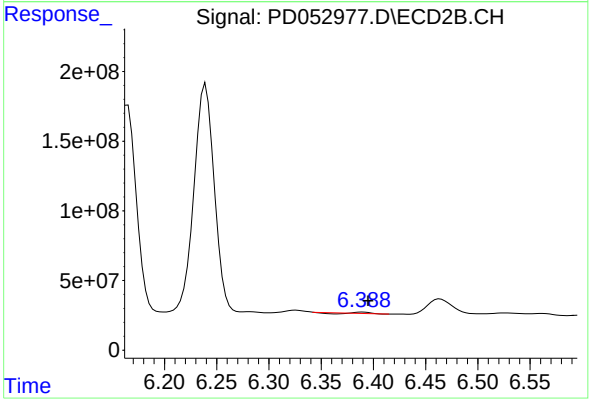
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 2230473500
Conc: 71.06 ng/ml



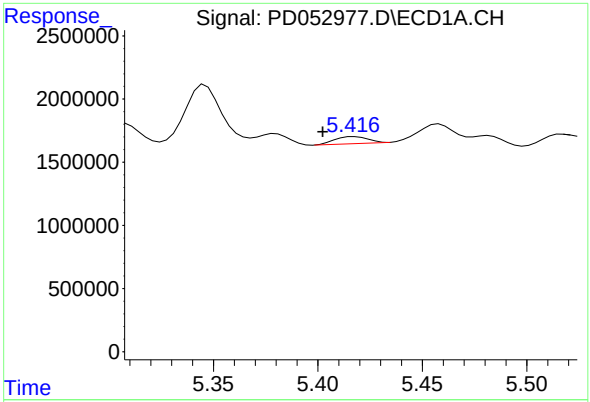
#12 4,4'-DDE

R.T.: 5.308 min
Delta R.T.: 0.020 min
Response: 1736209
Conc: 0.93 ng/ml



#12 4,4'-DDE

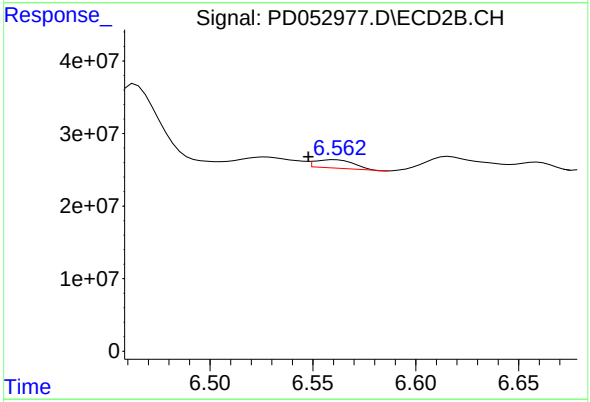
R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 1781159
Conc: 0.06 ng/ml



#13 Dieldrin

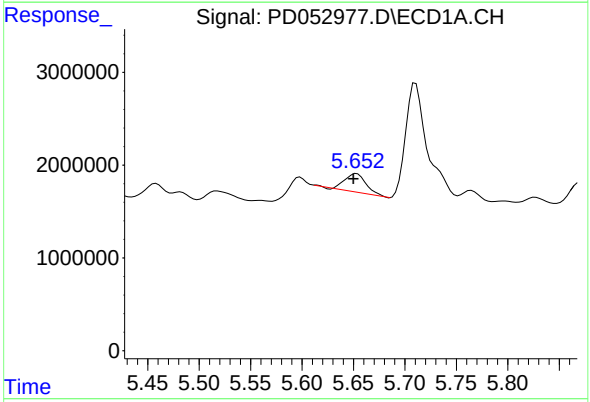
R.T.: 5.417 min
Delta R.T.: 0.015 min
Response: 609131
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



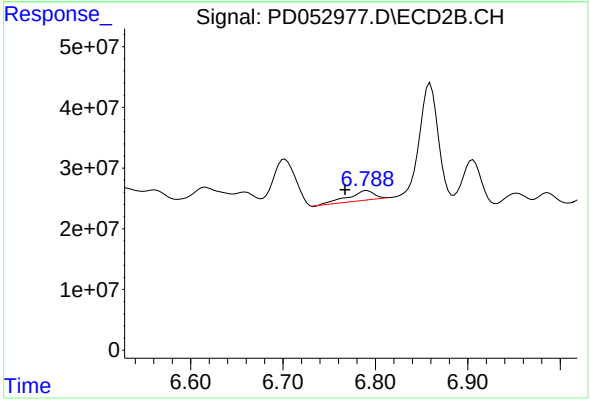
#13 Dieldrin

R.T.: 6.561 min
Delta R.T.: 0.013 min
Response: 15094207
Conc: 0.50 ng/ml



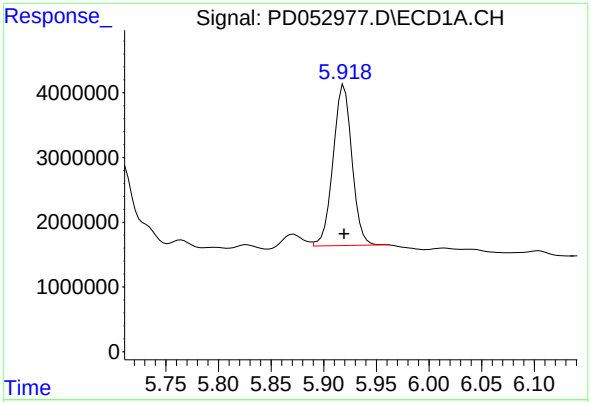
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.003 min
Response: 2892337
Conc: 1.57 ng/ml



#14 Endrin

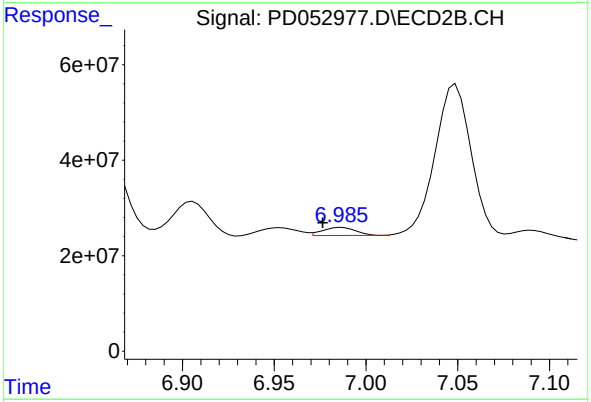
R.T.: 6.791 min
Delta R.T.: 0.023 min
Response: 30008973
Conc: 1.20 ng/ml



#15 Endosulfan II

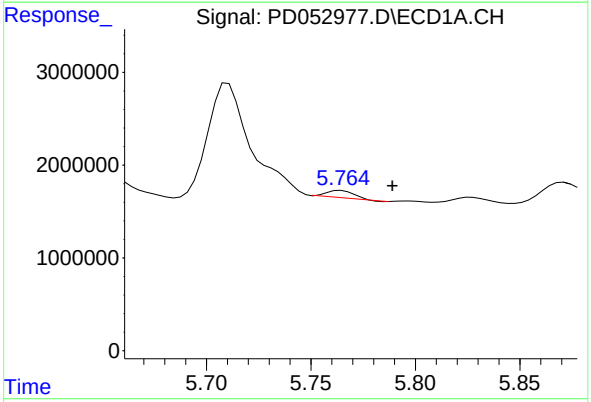
R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 31041229
Conc: 18.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



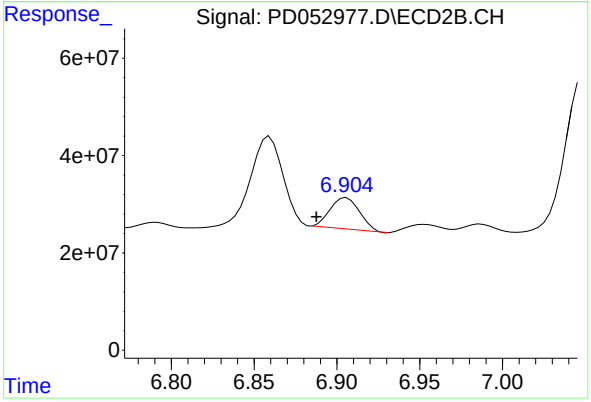
#15 Endosulfan II

R.T.: 6.987 min
Delta R.T.: 0.010 min
Response: 17992029
Conc: 0.72 ng/ml



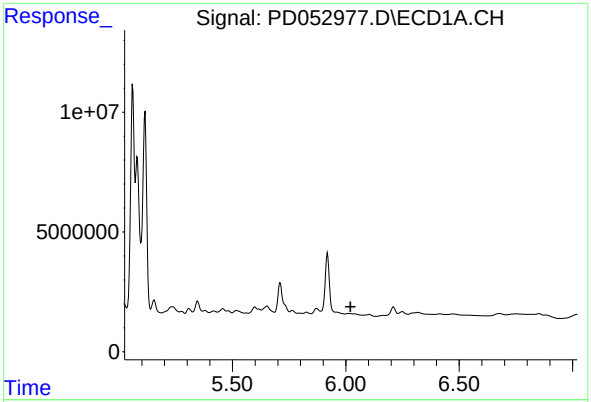
#16 4,4'-DDD

R.T.: 5.764 min
Delta R.T.: -0.025 min
Response: 702722
Conc: 0.46 ng/ml



#16 4,4'-DDD

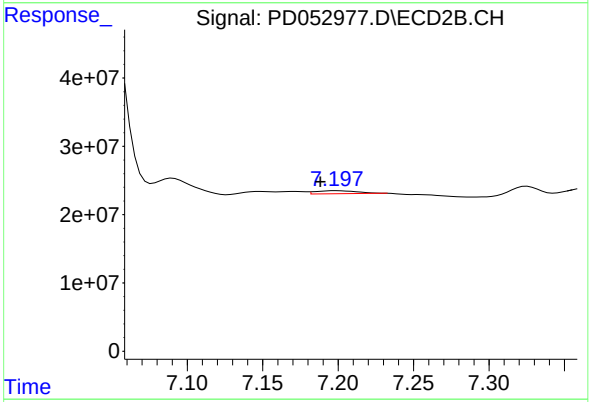
R.T.: 6.906 min
Delta R.T.: 0.018 min
Response: 79746132
Conc: 3.33 ng/ml



#17 4,4'-DDT

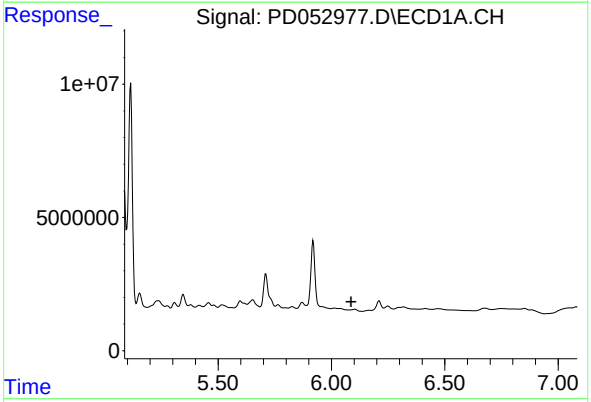
R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



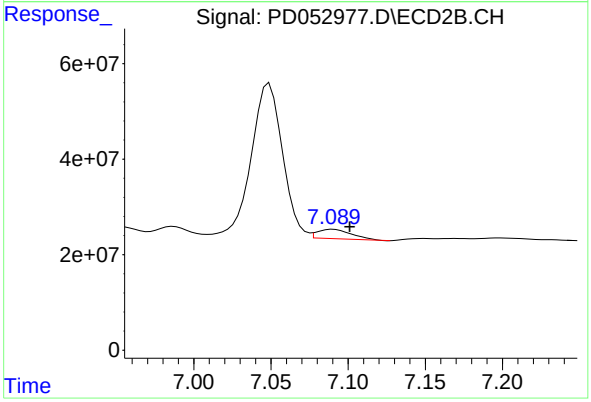
#17 4,4'-DDT

R.T.: 7.199 min
Delta R.T.: 0.011 min
Response: 7150488
Conc: 0.38 ng/ml



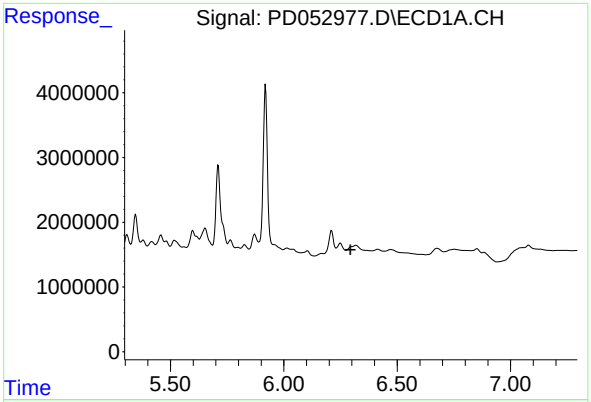
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.087 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

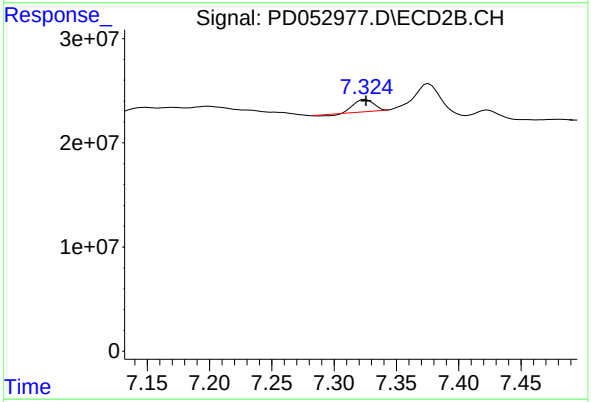
R.T.: 7.090 min
Delta R.T.: -0.010 min
Response: 30529393
Conc: 1.48 ng/ml



#19 Endosulfan Sulfate

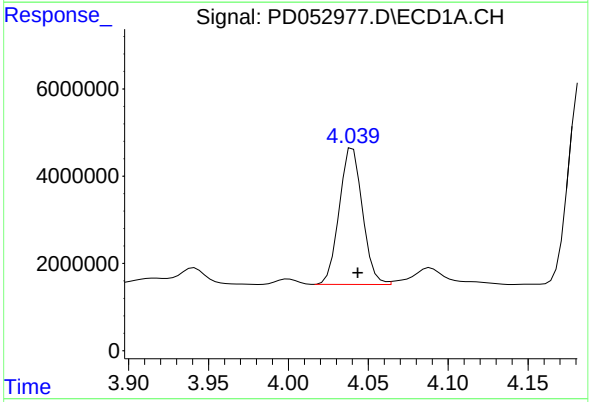
R.T.: 6.319 min
Delta R.T.: 0.024 min
Response: -560888
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



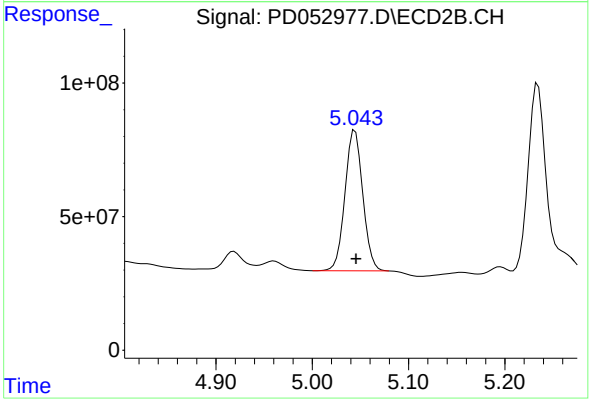
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 12175148
Conc: 0.55 ng/ml



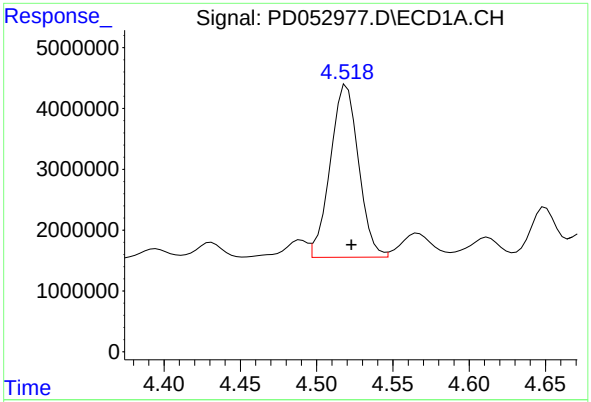
#23 Chlordane-1

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 31622771
Conc: 503.60 ng/ml



#23 Chlordane-1

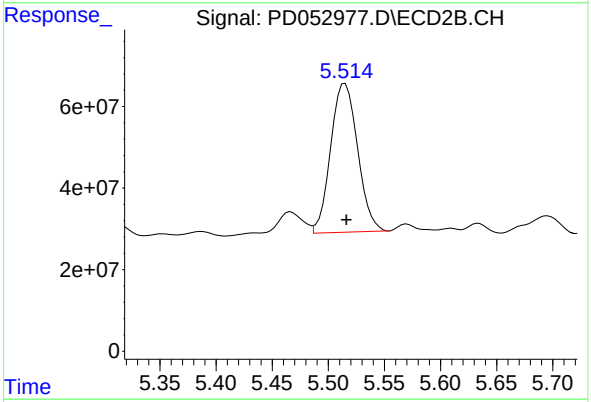
R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 673833101
Conc: 439.24 ng/ml



#24 Chlordane-2

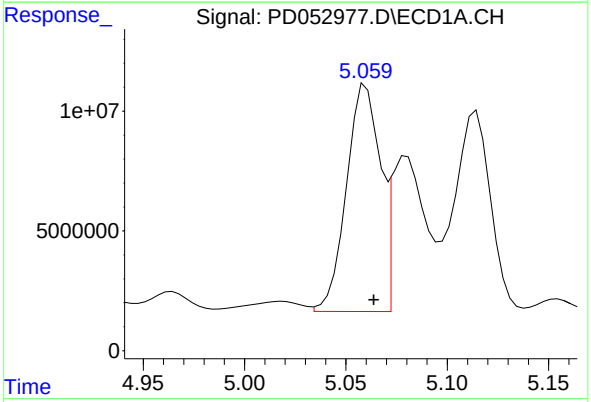
R.T.: 4.520 min
Delta R.T.: -0.003 min
Response: 36587714
Conc: 491.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



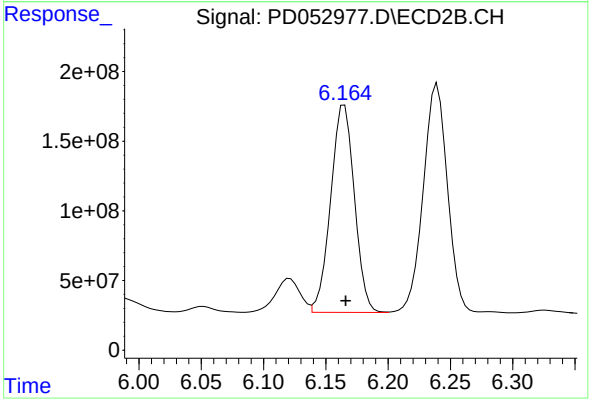
#24 Chlordane-2

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 610942714
Conc: 436.24 ng/ml



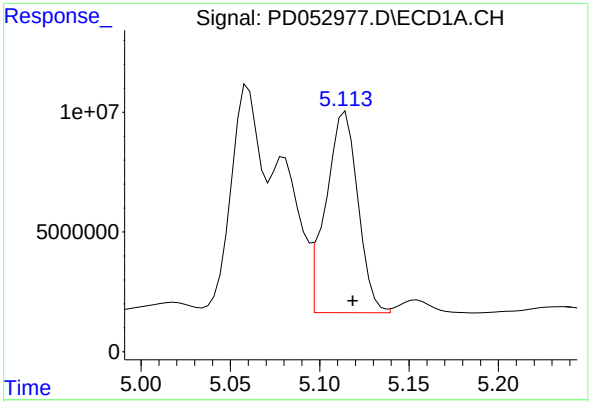
#25 Chlordane-3

R.T.: 5.060 min
Delta R.T.: -0.004 min
Response: 109678906
Conc: 495.98 ng/ml



#25 Chlordane-3

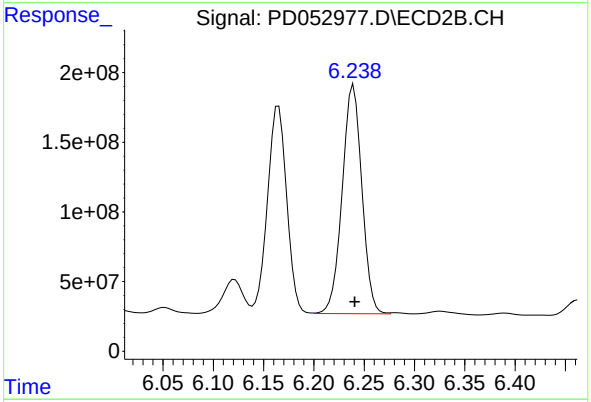
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1980688649
Conc: 448.85 ng/ml



#26 Chlordane-4

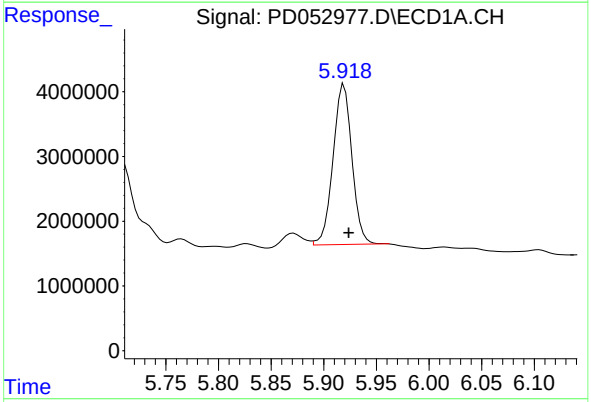
R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 104696475
Conc: 493.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



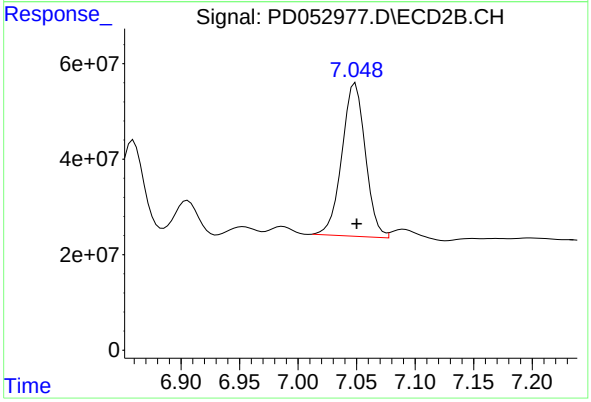
#26 Chlordane-4

R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 2230473500
Conc: 438.63 ng/ml



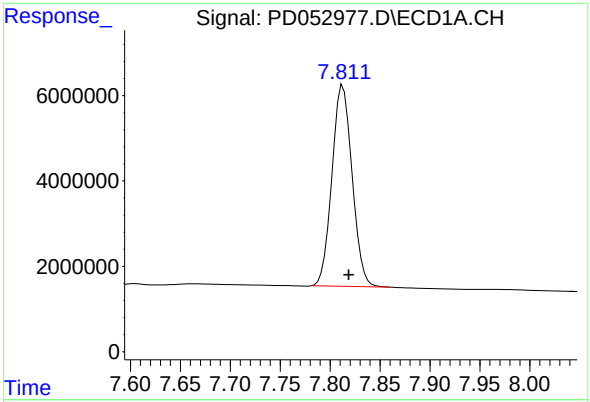
#27 Chlordane-5

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 31041229
Conc: 477.31 ng/ml



#27 Chlordane-5

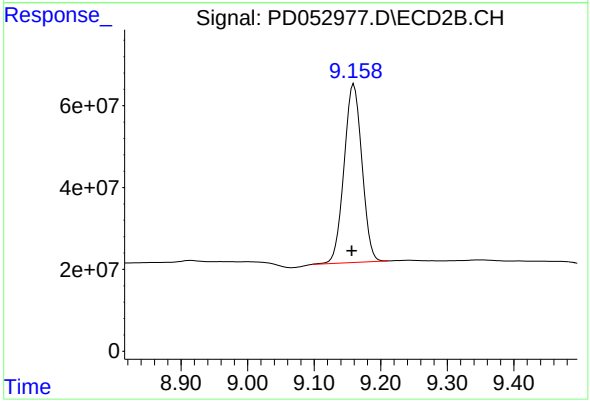
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 446665647
Conc: 484.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.813 min
Delta R.T.: -0.006 min
Response: 66193777
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 9.160 min
Delta R.T.: 0.003 min
Response: 812496223
Conc: 52.25 ng/ml