

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082321\
 Data File : PD065234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Aug 2021 10:50
 Operator : AR\AJ
 Sample : PCHLORCCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORCCC500

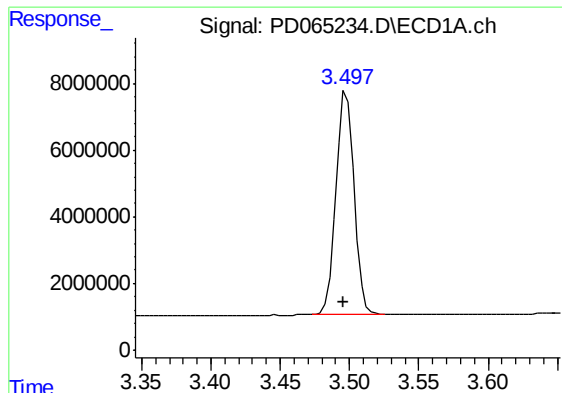
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:14:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.498	4.012	60884059	408.8E6	59.232	51.613
28)	SA Decachlor...	8.246	9.087	62401058	246.1E6	55.074	51.998
Target Compounds							
2)	A alpha-BHC	0.000	4.411	0	20744971	N.D.	1.786 #
3)	MA gamma-BHC...	4.188f	4.711f	206543	7302628	0.151	0.689 #
4)	MA Heptachlor	4.521	5.198	26395948	221.2E6	20.266	22.059
5)	MB Aldrin	4.778	5.479f	2298355	140.9E6	1.917	15.598 #
7)	B delta-BHC	4.678	0.000	2681876	0	2.029	N.D. #
8)	B Heptachlo...	0.000	5.879	0	116.4E6	N.D.	15.605 #
9)	A Endosulfan I	5.532	6.246	5908659	5907214	5.539	0.839 #
10)	B gamma-Chl...	5.438	6.126	56278526	409.9E6	49.774	53.605
11)	B alpha-Chl...	5.495	6.199	47222674	579.1E6	42.176	77.793 #
12)	B 4,4'-DDE	0.000	6.354	0	5847752	N.D.	0.814 #
13)	MA Dieldrin	5.776	6.504	2011768	24369252	1.793	3.358 #
14)	MA Endrin	6.051	6.749f	1962994	3000762	1.871	0.488 #
15)	B Endosulfa...	6.332	6.948	22348320	7480745	22.351	1.276 #
16)	A 4,4'-DDD	6.171	6.867f	-588421	27429990	N.D.	4.665
17)	MA 4,4'-DDT	6.389f	7.136	556391	6775918	0.559	1.130 #
18)	B Endrin al...	0.000	7.050f	0	7289691	N.D.	1.563 #
19)	B Endosulfa...	6.707	7.288	-87258	4748769	N.D.	0.828
21)	B Endrin ke...	0.000	7.774	0	3212224	N.D.	0.494 #
22)	Mirex	7.390	0.000	772067	0	0.757	N.D. #
23)	Chlordane-1	4.369	5.008	18828567	162.3E6	497.163	524.011
24)	Chlordane-2	4.870	5.479	22280336	140.9E6	510.497	450.404
25)	Chlordane-3	5.438	6.126	56278526	409.9E6	509.904	396.449
26)	Chlordane-4	5.495	6.199	47222674	579.1E6	514.387	481.683
27)	Chlordane-5	6.332	7.010	22348320	103.0E6	496.753	434.472

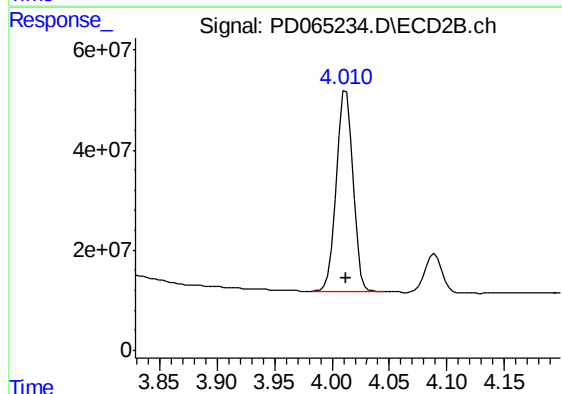
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

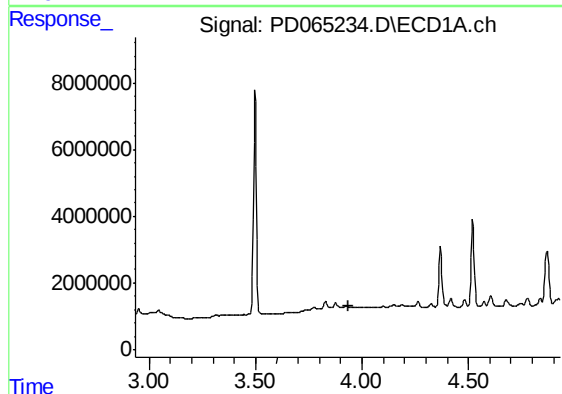
R.T.: 3.498 min
Delta R.T.: 0.002 min
Response: 60884059
Conc: 59.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



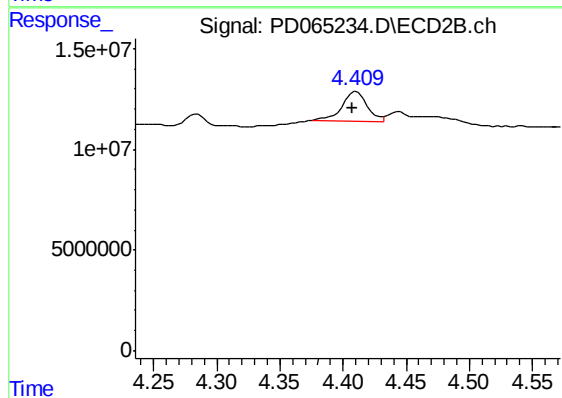
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 408814140
Conc: 51.61 ng/ml



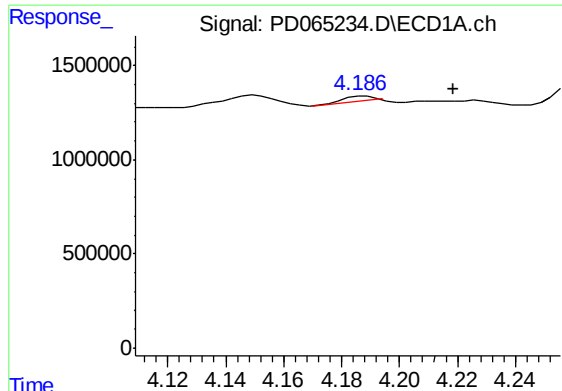
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#2 alpha-BHC

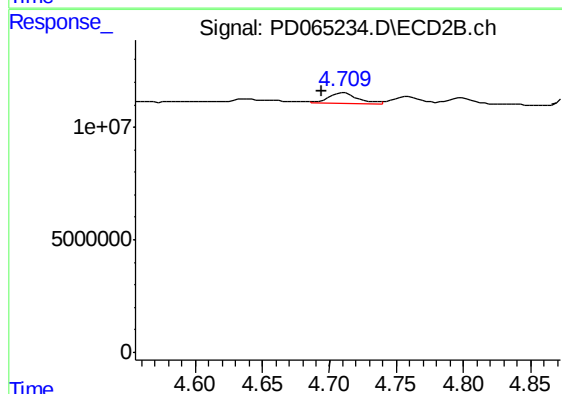
R.T.: 4.411 min
Delta R.T.: 0.003 min
Response: 20744971
Conc: 1.79 ng/ml



#3 gamma-BHC (Lindane)

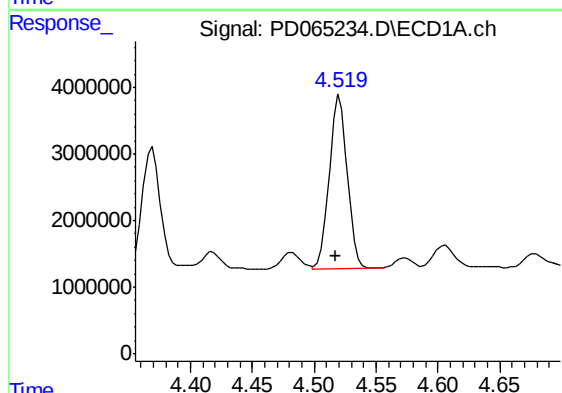
R.T.: 4.188 min
Delta R.T.: -0.030 min
Response: 206543
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



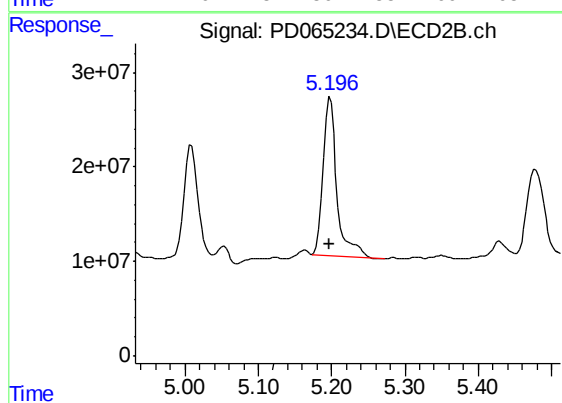
#3 gamma-BHC (Lindane)

R.T.: 4.711 min
Delta R.T.: 0.017 min
Response: 7302628
Conc: 0.69 ng/ml



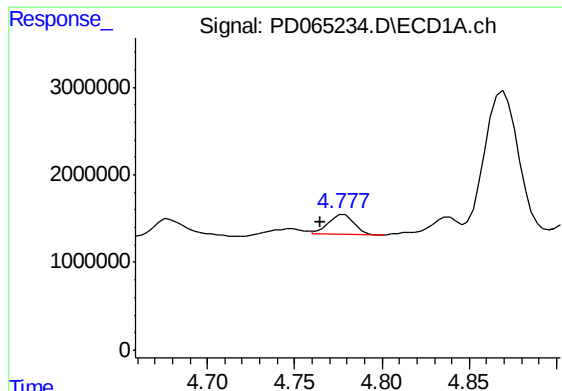
#4 Heptachlor

R.T.: 4.521 min
Delta R.T.: 0.004 min
Response: 26395948
Conc: 20.27 ng/ml



#4 Heptachlor

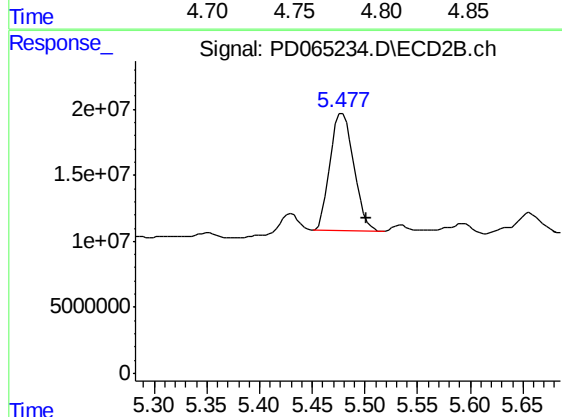
R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 221160794
Conc: 22.06 ng/ml



#5 Aldrin

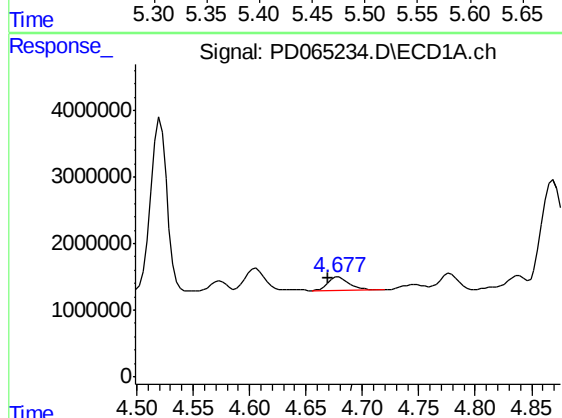
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 2298355
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



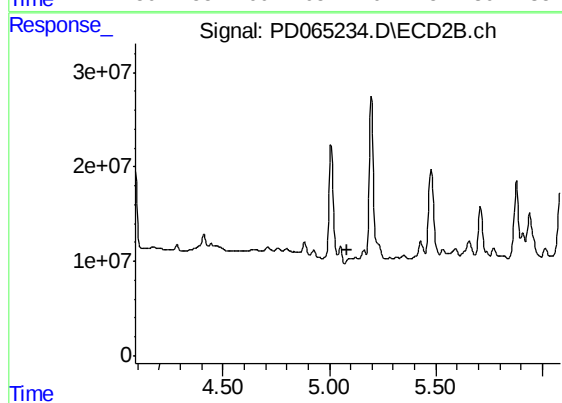
#5 Aldrin

R.T.: 5.479 min
Delta R.T.: -0.023 min
Response: 140897481
Conc: 15.60 ng/ml



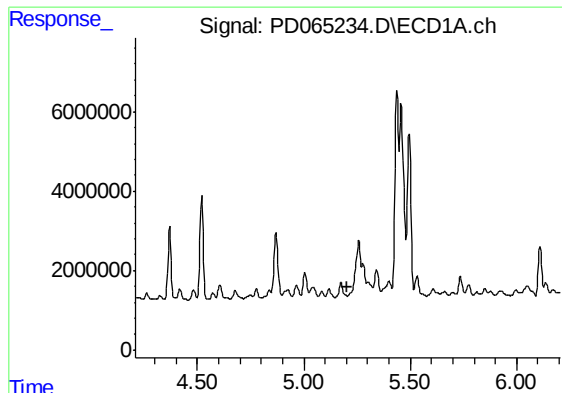
#7 delta-BHC

R.T.: 4.678 min
Delta R.T.: 0.009 min
Response: 2681876
Conc: 2.03 ng/ml



#7 delta-BHC

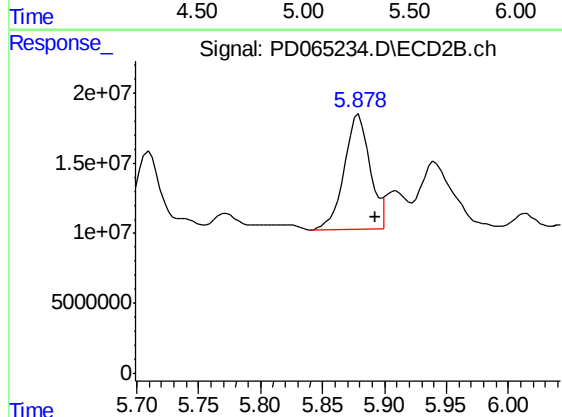
R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

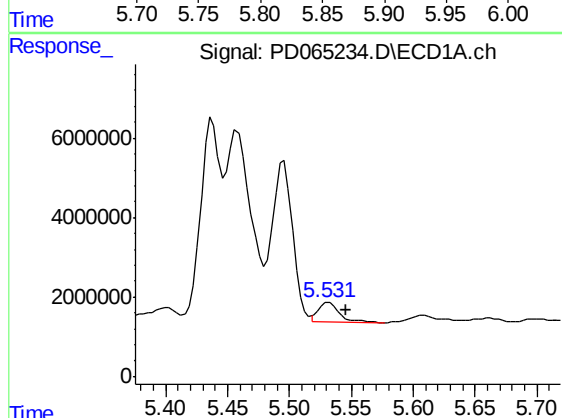
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



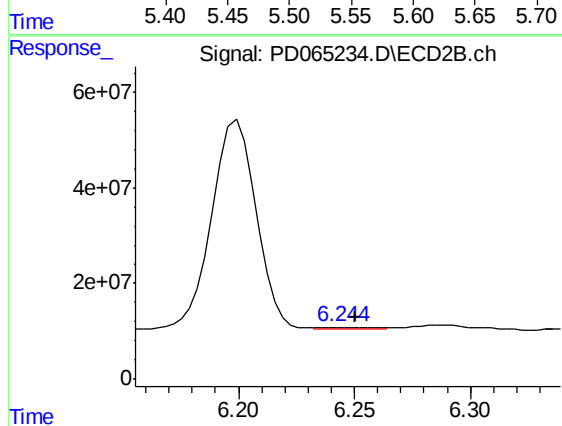
#8 Heptachlor epoxide

R.T.: 5.879 min
Delta R.T.: -0.013 min
Response: 116422772
Conc: 15.61 ng/ml



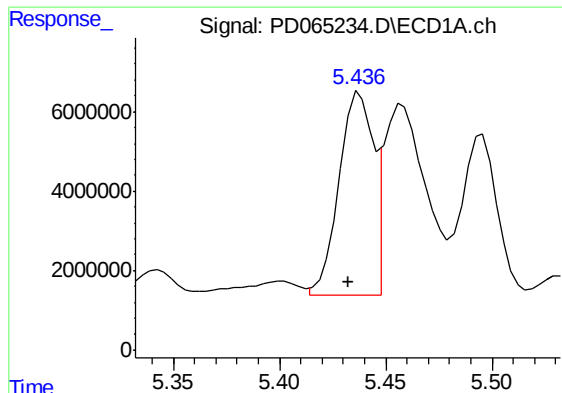
#9 Endosulfan I

R.T.: 5.532 min
Delta R.T.: -0.014 min
Response: 5908659
Conc: 5.54 ng/ml



#9 Endosulfan I

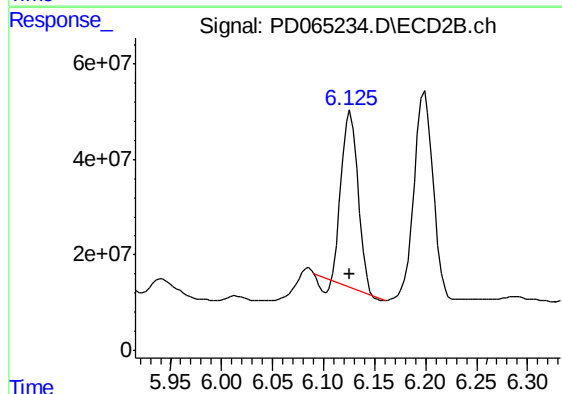
R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 5907214
Conc: 0.84 ng/ml



#10 gamma-Chlordane

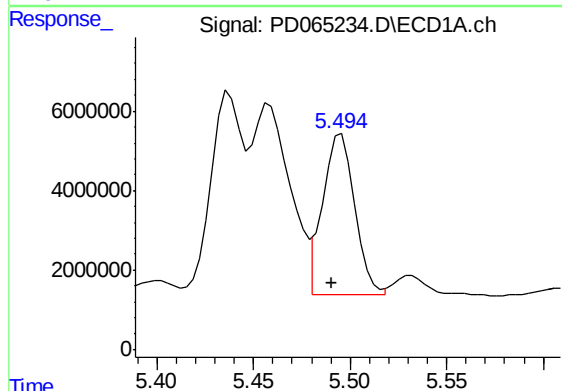
R.T.: 5.438 min
Delta R.T.: 0.006 min
Response: 56278526
Conc: 49.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



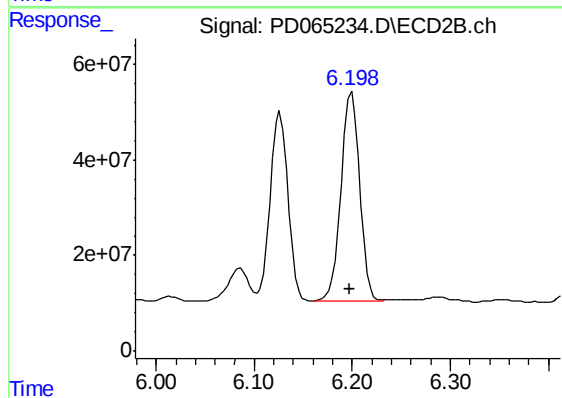
#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 409870701
Conc: 53.61 ng/ml



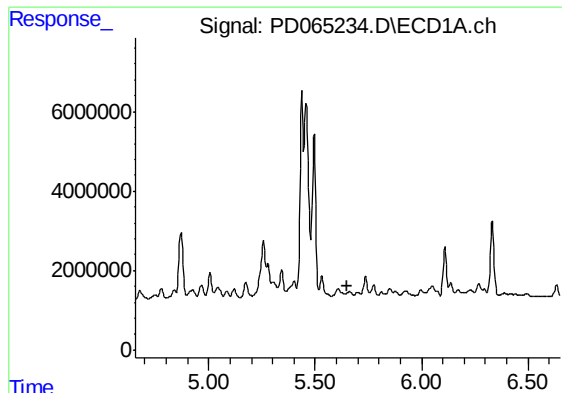
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.005 min
Response: 47222674
Conc: 42.18 ng/ml



#11 alpha-Chlordane

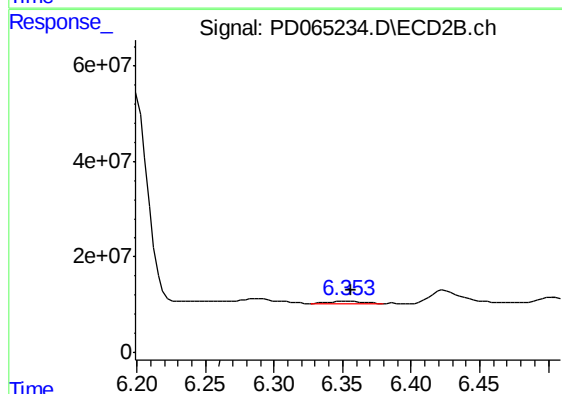
R.T.: 6.199 min
Delta R.T.: 0.001 min
Response: 579137687
Conc: 77.79 ng/ml



#12 4,4'-DDE

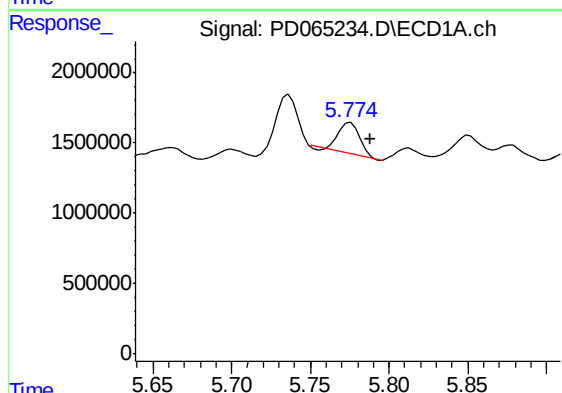
R.T.: 0.000 min
Exp R.T.: 5.653 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



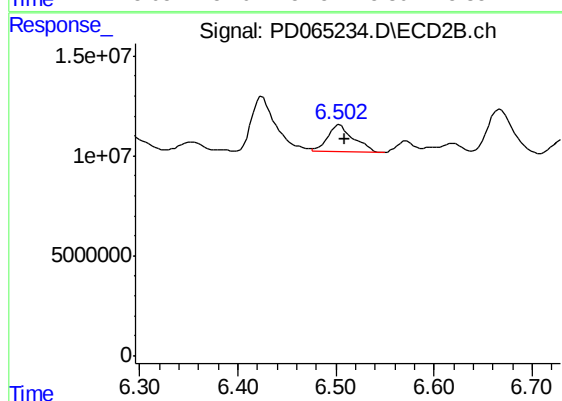
#12 4,4'-DDE

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 5847752
Conc: 0.81 ng/ml



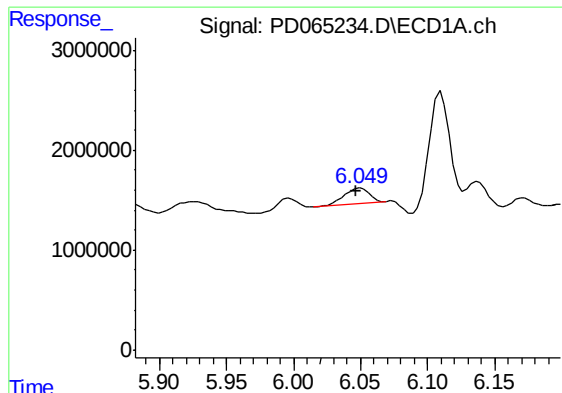
#13 Dieldrin

R.T.: 5.776 min
Delta R.T.: -0.013 min
Response: 2011768
Conc: 1.79 ng/ml



#13 Dieldrin

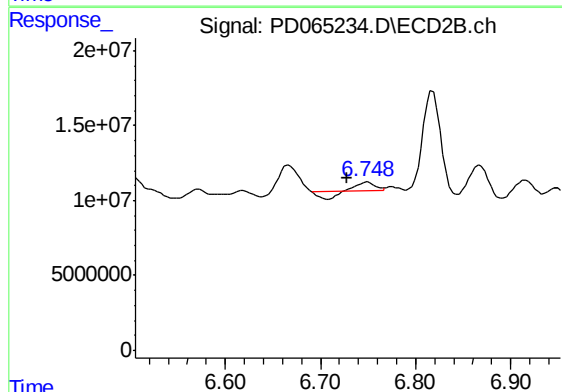
R.T.: 6.504 min
Delta R.T.: -0.004 min
Response: 24369252
Conc: 3.36 ng/ml



#14 Endrin

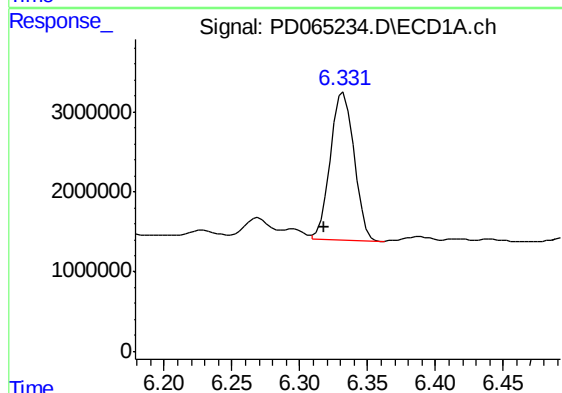
R.T.: 6.051 min
Delta R.T.: 0.004 min
Response: 1962994
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



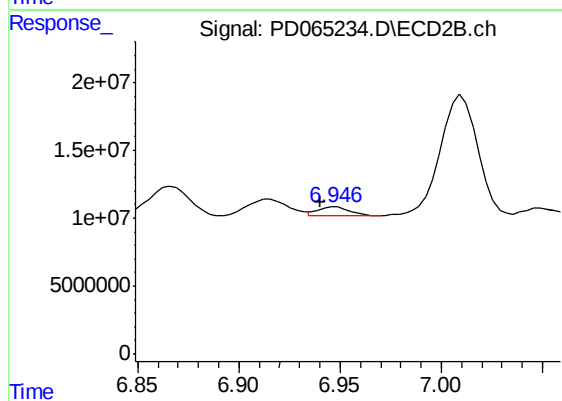
#14 Endrin

R.T.: 6.749 min
Delta R.T.: 0.021 min
Response: 3000762
Conc: 0.49 ng/ml



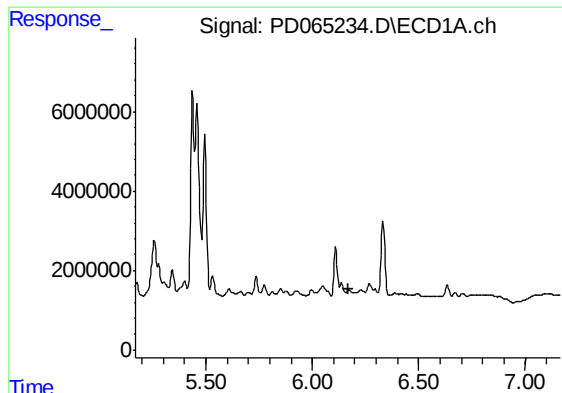
#15 Endosulfan II

R.T.: 6.332 min
Delta R.T.: 0.014 min
Response: 22348320
Conc: 22.35 ng/ml



#15 Endosulfan II

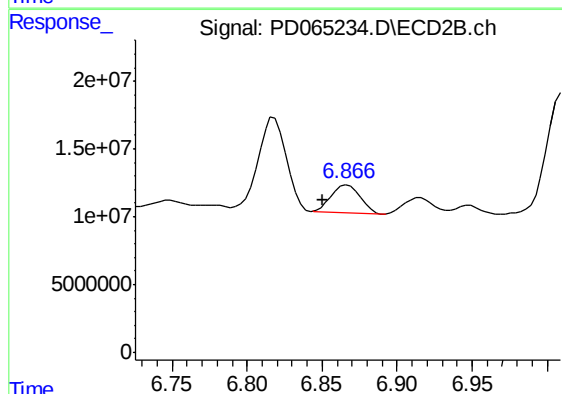
R.T.: 6.948 min
Delta R.T.: 0.007 min
Response: 7480745
Conc: 1.28 ng/ml



#16 4,4'-DDD

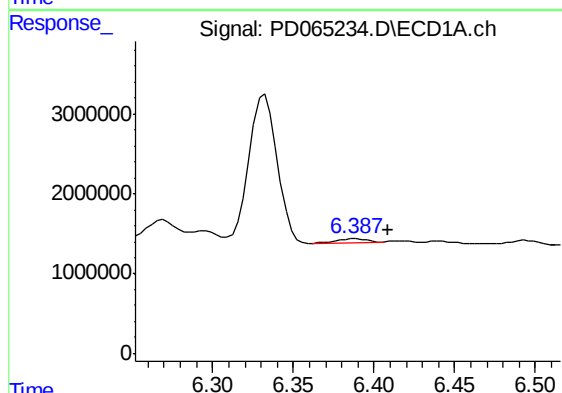
R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: -588421
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



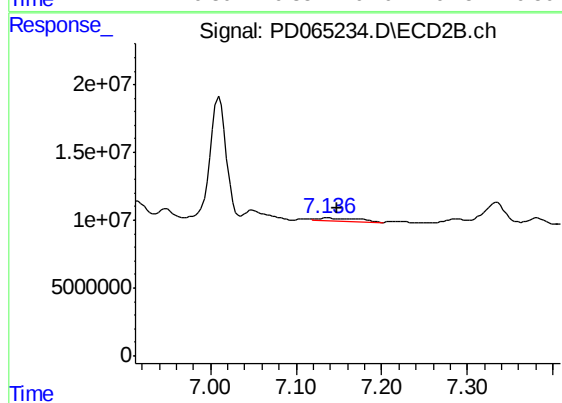
#16 4,4'-DDD

R.T.: 6.867 min
Delta R.T.: 0.017 min
Response: 27429990
Conc: 4.66 ng/ml



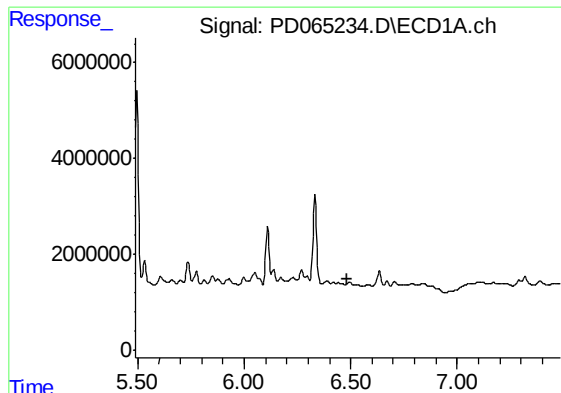
#17 4,4'-DDT

R.T.: 6.389 min
Delta R.T.: -0.020 min
Response: 556391
Conc: 0.56 ng/ml



#17 4,4'-DDT

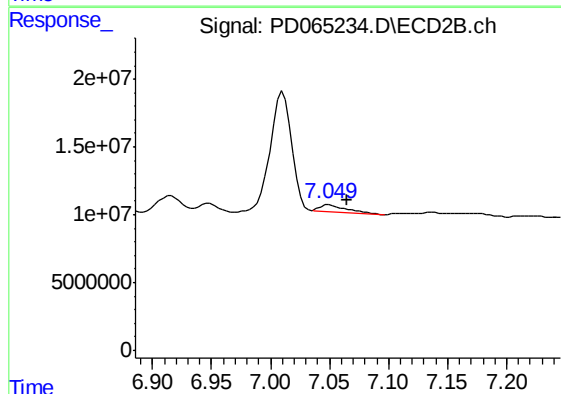
R.T.: 7.136 min
Delta R.T.: -0.012 min
Response: 6775918
Conc: 1.13 ng/ml



#18 Endrin aldehyde

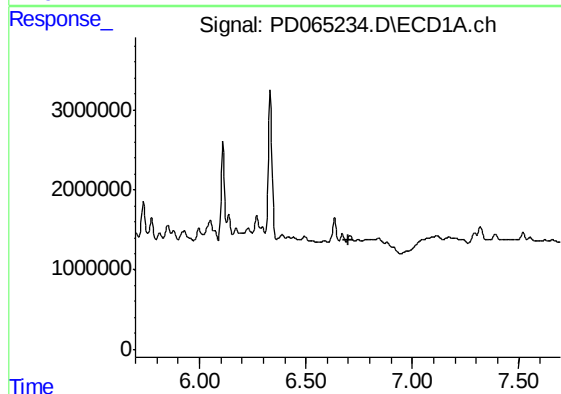
R.T.: 0.000 min
Exp R.T.: 6.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



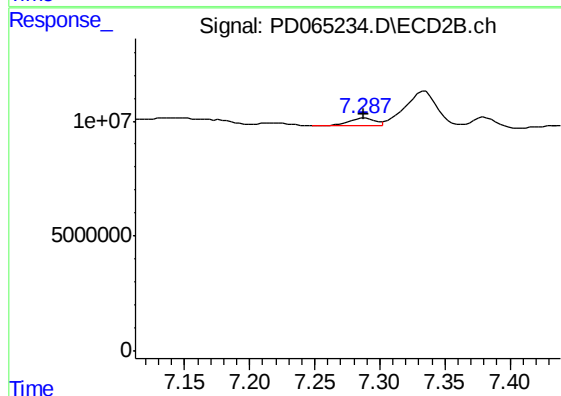
#18 Endrin aldehyde

R.T.: 7.050 min
Delta R.T.: -0.016 min
Response: 7289691
Conc: 1.56 ng/ml



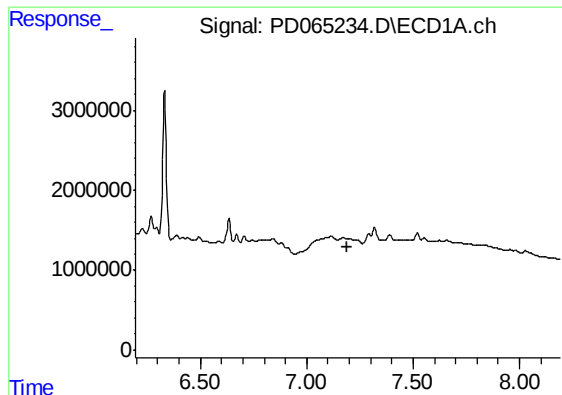
#19 Endosulfan Sulfate

R.T.: 6.707 min
Delta R.T.: 0.008 min
Response: -87258
Conc: N.D.



#19 Endosulfan Sulfate

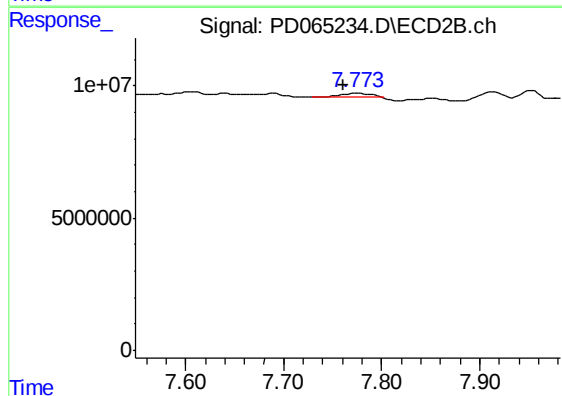
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 4748769
Conc: 0.83 ng/ml



#21 Endrin ketone

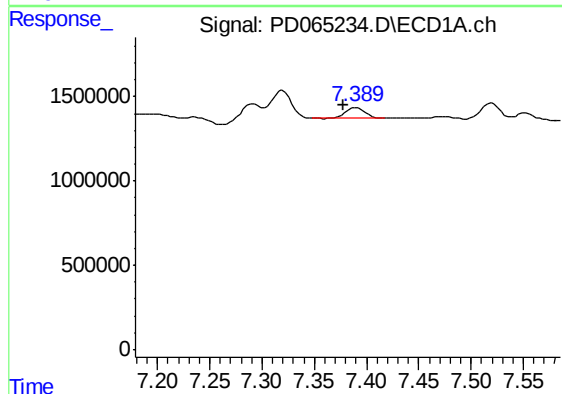
R.T.: 0.000 min
Exp R.T. : 7.192 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



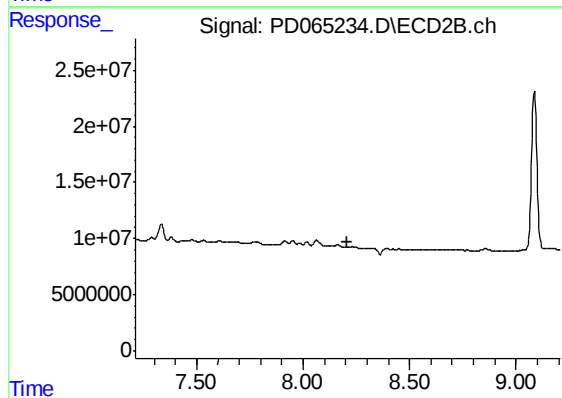
#21 Endrin ketone

R.T.: 7.774 min
Delta R.T.: 0.013 min
Response: 3212224
Conc: 0.49 ng/ml



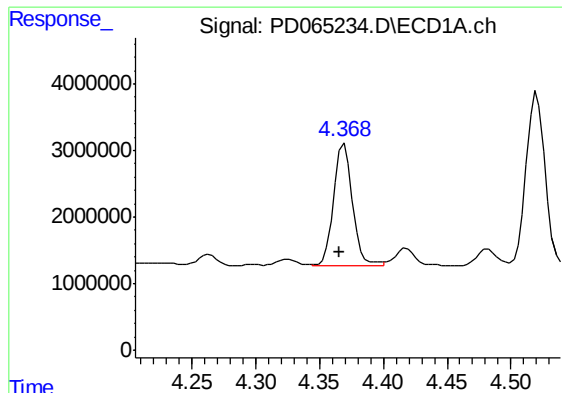
#22 Mirex

R.T.: 7.390 min
Delta R.T.: 0.012 min
Response: 772067
Conc: 0.76 ng/ml



#22 Mirex

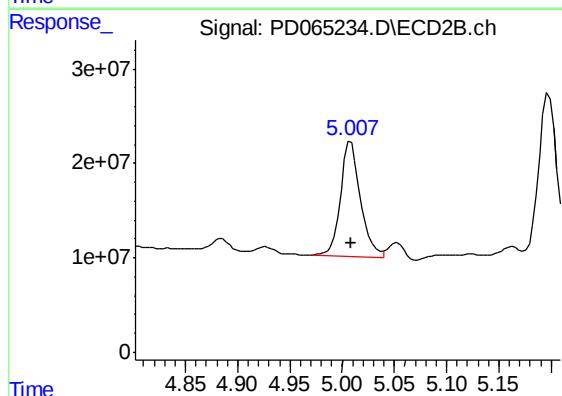
R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



#23 Chlordane-1

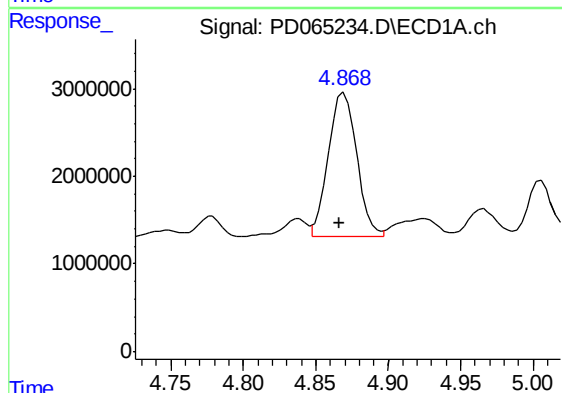
R.T.: 4.369 min
Delta R.T.: 0.003 min
Response: 18828567
Conc: 497.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



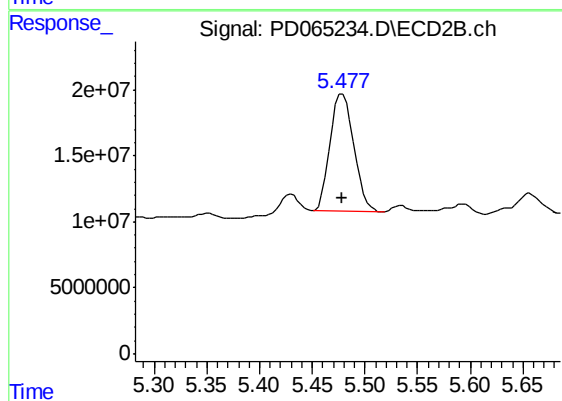
#23 Chlordane-1

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 162299506
Conc: 524.01 ng/ml



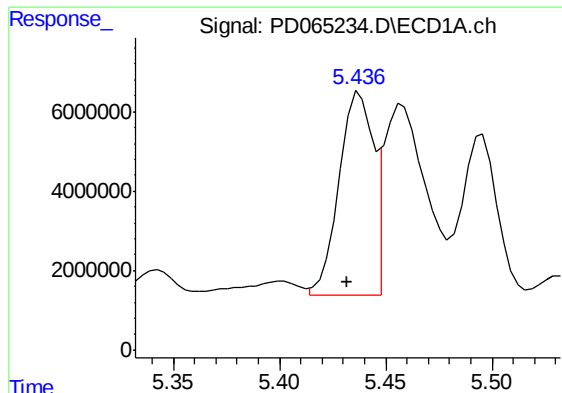
#24 Chlordane-2

R.T.: 4.870 min
Delta R.T.: 0.004 min
Response: 22280336
Conc: 510.50 ng/ml



#24 Chlordane-2

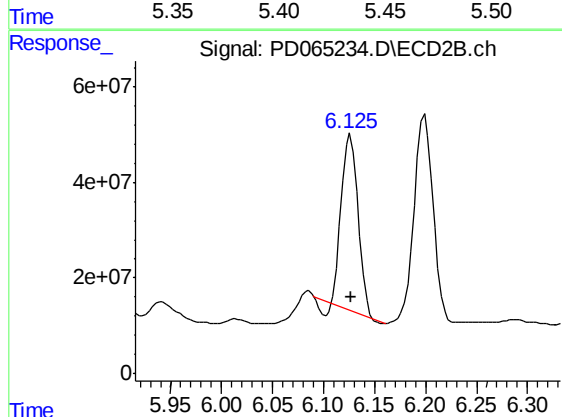
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 140897481
Conc: 450.40 ng/ml



#25 Chlordane-3

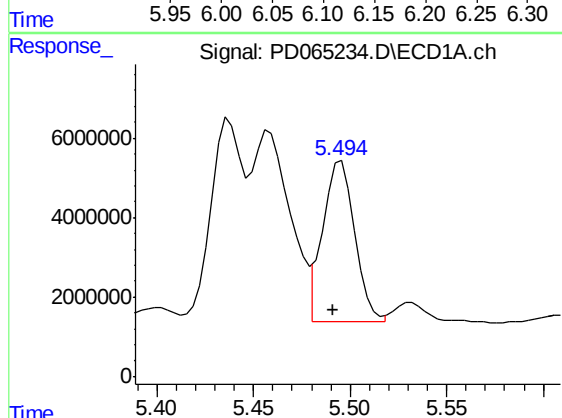
R.T.: 5.438 min
Delta R.T.: 0.006 min
Response: 56278526
Conc: 509.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



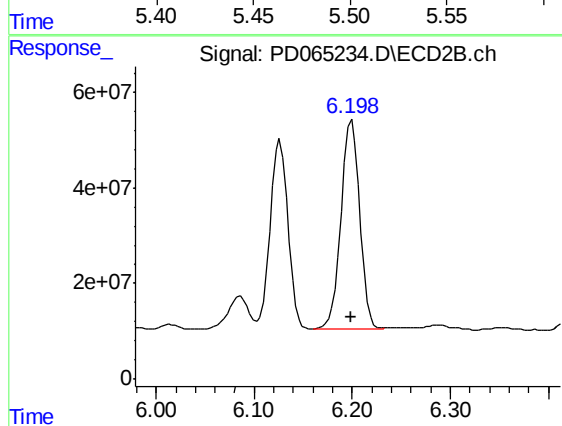
#25 Chlordane-3

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 409870701
Conc: 396.45 ng/ml



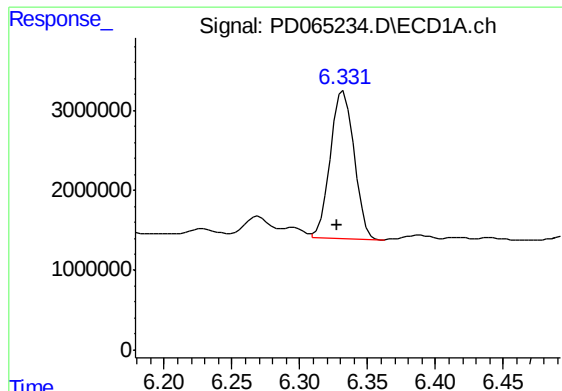
#26 Chlordane-4

R.T.: 5.495 min
Delta R.T.: 0.004 min
Response: 47222674
Conc: 514.39 ng/ml



#26 Chlordane-4

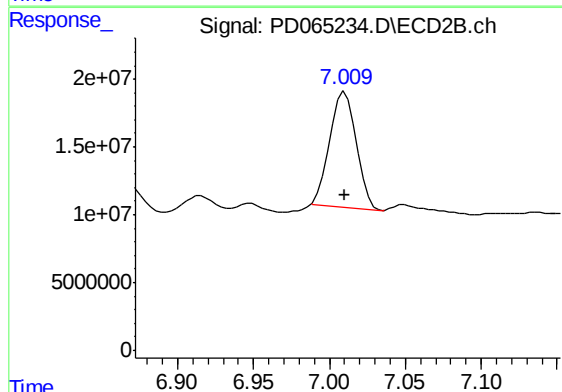
R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 579137687
Conc: 481.68 ng/ml



#27 Chlordane-5

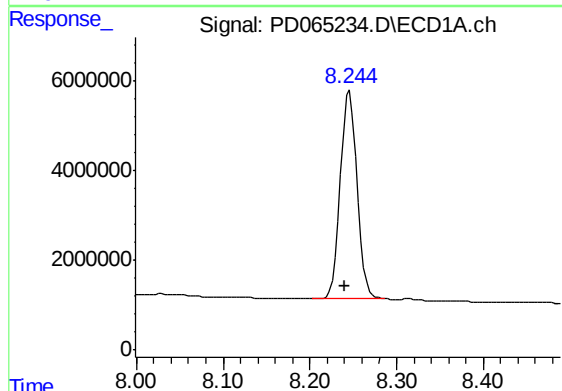
R.T.: 6.332 min
Delta R.T.: 0.005 min
Response: 22348320
Conc: 496.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PCHLORCCC500



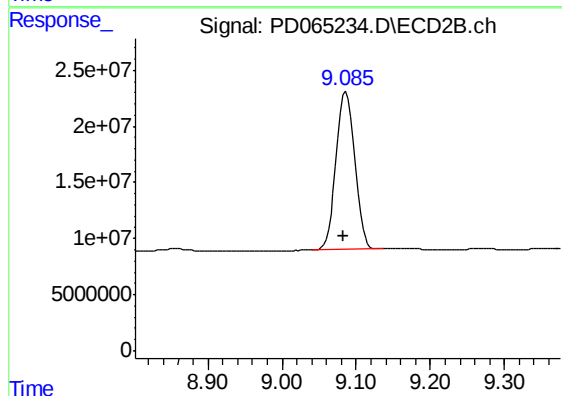
#27 Chlordane-5

R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 103016103
Conc: 434.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.246 min
Delta R.T.: 0.006 min
Response: 62401058
Conc: 55.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.004 min
Response: 246079984
Conc: 52.00 ng/ml