

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102418\
 Data File : PD050063.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Oct 2018 13:18
 Operator : AJ\SJ
 Sample : J5610-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

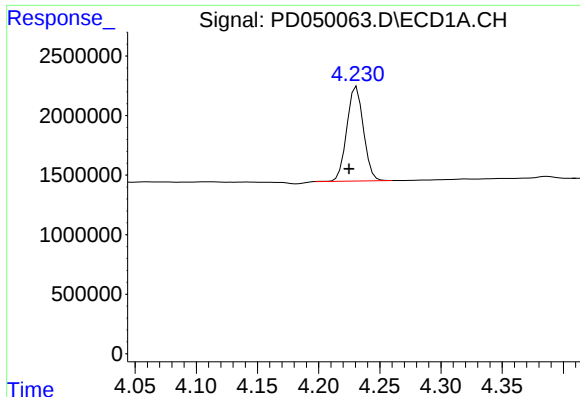
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 02:09:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101818.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 07:43:29 2018
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.231	4.060	7504547	318.4E6	12.518	12.408
2)	SA Decachlor...	9.013	9.170	7581041	225.0E6	12.307	14.241
Target Compounds							
2)	A alpha-BHC	4.634f	4.480	2634751	29042226	3.118	0.779 #
3)	MA gamma-BHC...	4.970	4.753	1477332	1099650	1.816	0.033 #
4)	MA Heptachlor	5.288	5.275	365274	7896252	0.465	0.245 #
5)	MB Aldrin	0.000	5.581	0	4192115	N.D.	0.141 #
6)	B beta-BHC	5.206	0.000	787200	0	2.109	N.D. #
7)	B delta-BHC	0.000	5.063f	0	18768162	N.D.	0.591 #
8)	B Heptachlo...	0.000	5.940	0	259.4E6	N.D.	9.802 #
9)	A Endosulfan I	6.271f	6.258f	1347723	176.7E6	1.907	7.572 #
10)	B gamma-Chl...	6.193	6.183	2446611	143.6E6	3.127	5.472 #
11)	B alpha-Chl...	6.271	6.258	1347723	176.7E6	1.717	7.045 #
12)	B 4,4'-DDE	6.416	6.412	21886238	975.5E6	31.193	41.335 #
13)	MA Dieldrin	6.569	6.555	569638	11873854	0.759	0.492 #
14)	MA Endrin	6.829	6.771	1575993	39941978	2.427	2.078
15)	B Endosulfa...	7.113	0.000	547582	0	0.769	N.D. #
16)	A 4,4'-DDD	6.925	6.905	598967	59315433	1.077	3.321 #
17)	MA 4,4'-DDT	7.167	7.201	1636490	4500885	3.156	0.371 #
19)	B Endosulfa...	7.450	0.000	260091	0	0.403	N.D. #
20)	A Methoxychlor	7.682	7.596f	633390	-37174	2.152	N.D. #
21)	B Endrin ke...	7.953	0.000	4521753	0	6.577	N.D. #
23)	Chlordane-1	5.137	5.063	635564	18768162	23.900	14.423 #
24)	Chlordane-2	5.639	5.534	452497	28455431	16.701	24.196 #
25)	Chlordane-3	6.193	6.183	2446611	143.6E6	27.475	39.642 #
26)	Chlordane-4	6.271	6.258	1347723	176.7E6	18.794	43.132 #
27)	Chlordane-5	7.113	7.065	547582	-3256044	19.887	N.D. #

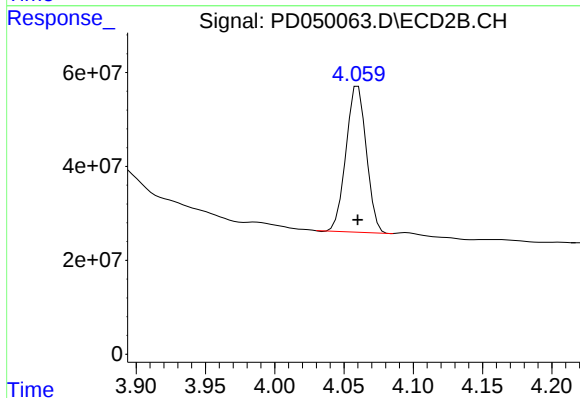
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

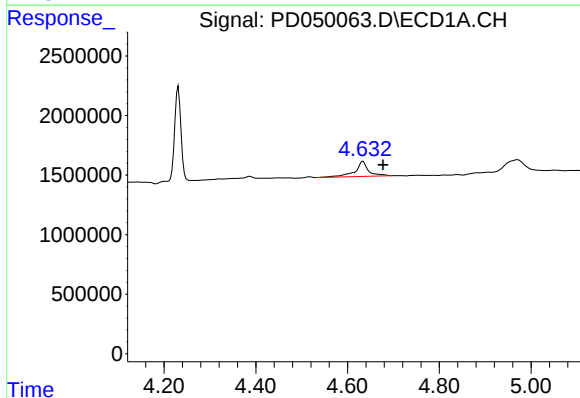
R.T.: 4.231 min
Delta R.T.: 0.006 min
Response: 7504547
Conc: 12.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



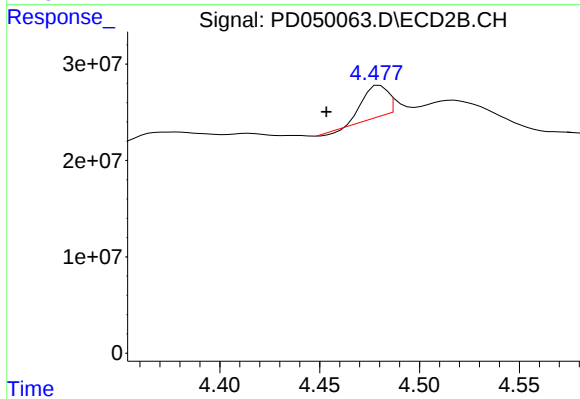
#1 Tetrachloro-m-xylene

R.T.: 4.060 min
Delta R.T.: 0.000 min
Response: 318434034
Conc: 12.41 ng/ml



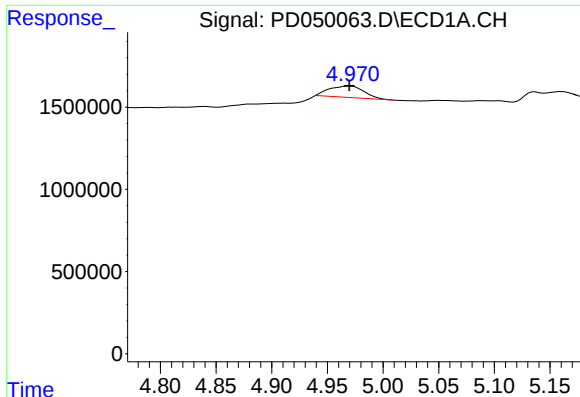
#2 alpha-BHC

R.T.: 4.634 min
Delta R.T.: -0.044 min
Response: 2634751
Conc: 3.12 ng/ml



#2 alpha-BHC

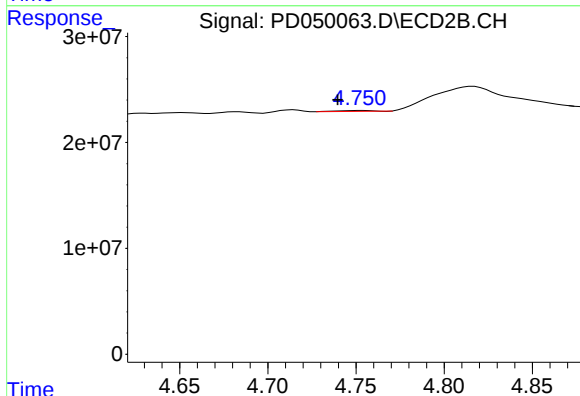
R.T.: 4.480 min
Delta R.T.: 0.027 min
Response: 29042226
Conc: 0.78 ng/ml



#3 gamma-BHC (Lindane)

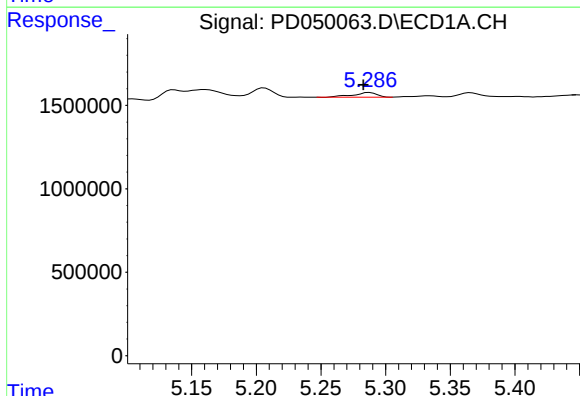
R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 1477332
Conc: 1.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



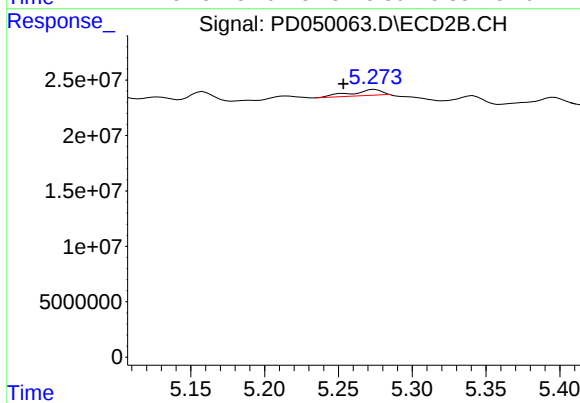
#3 gamma-BHC (Lindane)

R.T.: 4.753 min
Delta R.T.: 0.013 min
Response: 1099650
Conc: 0.03 ng/ml



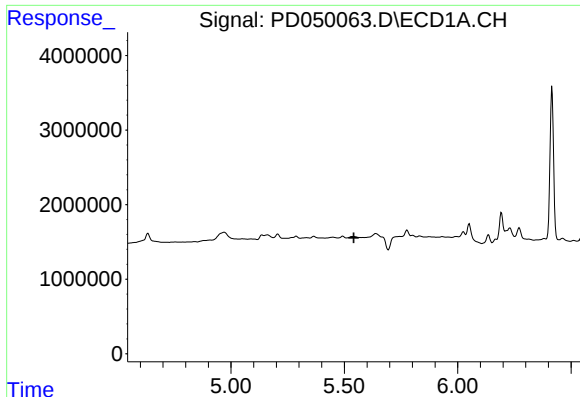
#4 Heptachlor

R.T.: 5.288 min
Delta R.T.: 0.005 min
Response: 365274
Conc: 0.47 ng/ml



#4 Heptachlor

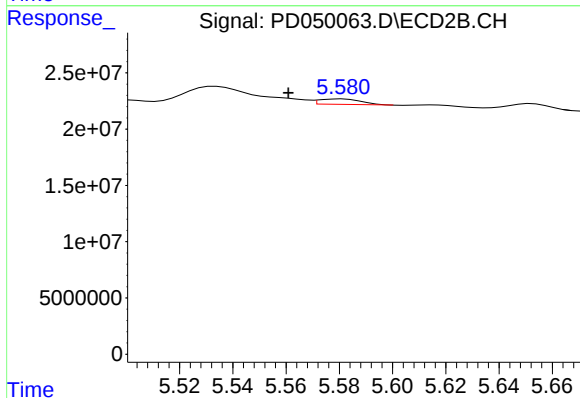
R.T.: 5.275 min
Delta R.T.: 0.021 min
Response: 7896252
Conc: 0.25 ng/ml



#5 Aldrin

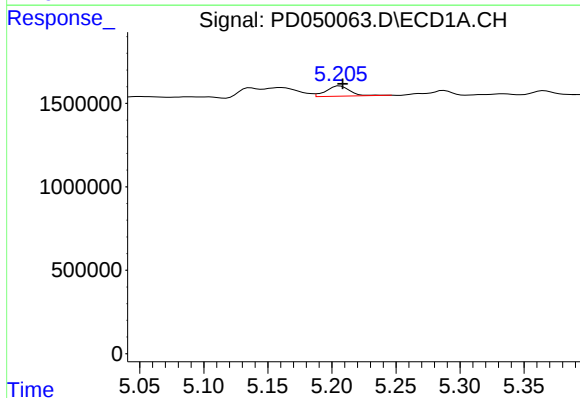
R.T.: 0.000 min
Exp R.T.: 5.542 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



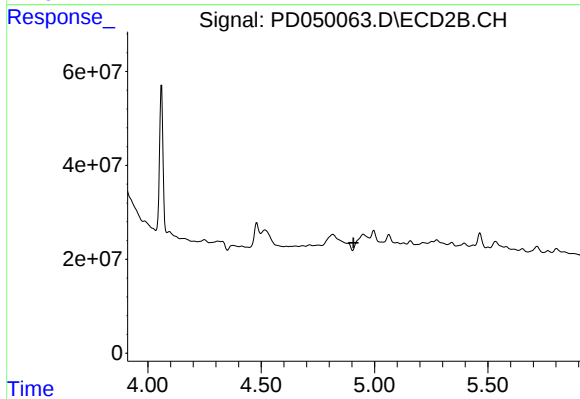
#5 Aldrin

R.T.: 5.581 min
Delta R.T.: 0.020 min
Response: 4192115
Conc: 0.14 ng/ml



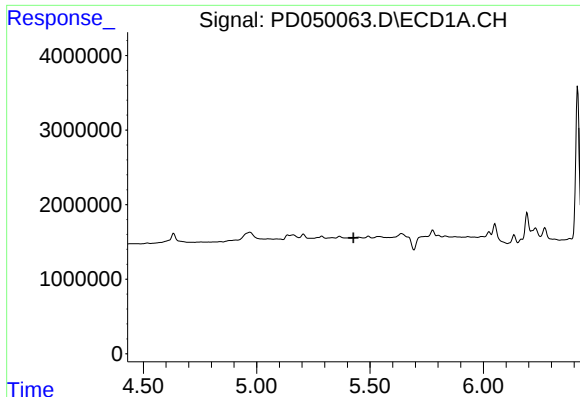
#6 beta-BHC

R.T.: 5.206 min
Delta R.T.: -0.002 min
Response: 787200
Conc: 2.11 ng/ml



#6 beta-BHC

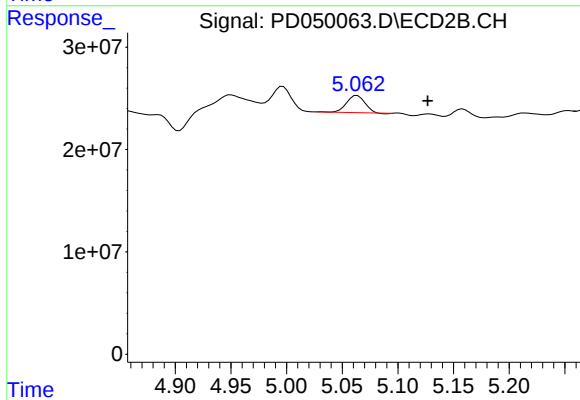
R.T.: 0.000 min
Exp R.T.: 4.907 min
Response: 0
Conc: N.D.



#7 delta-BHC

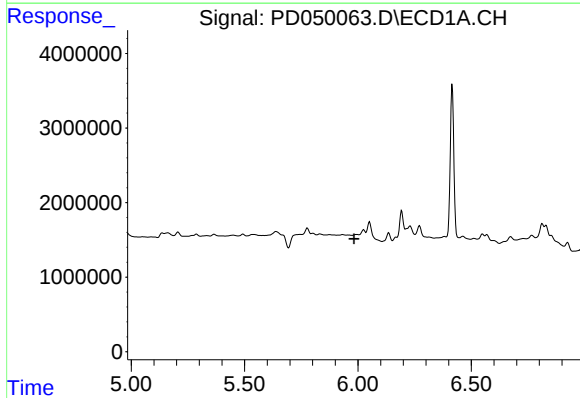
R.T.: 0.000 min
Exp R.T. : 5.428 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



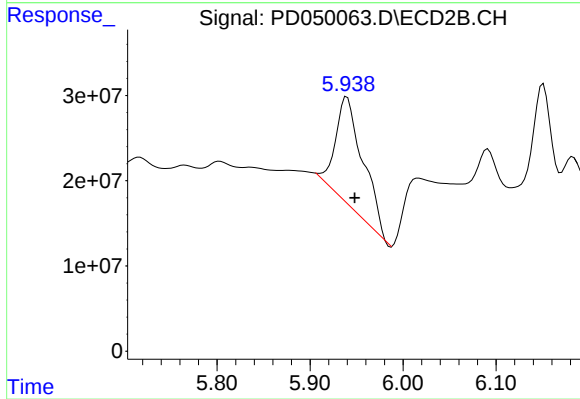
#7 delta-BHC

R.T.: 5.063 min
Delta R.T.: -0.063 min
Response: 18768162
Conc: 0.59 ng/ml



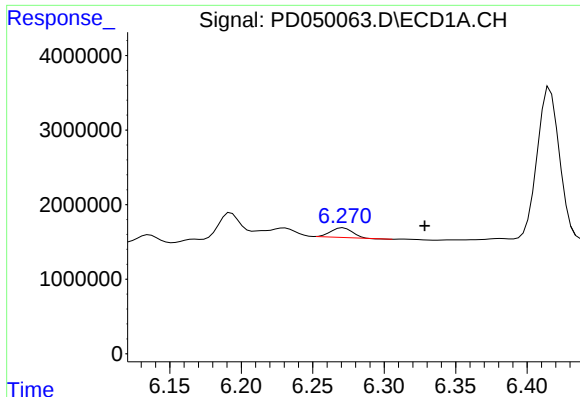
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.983 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

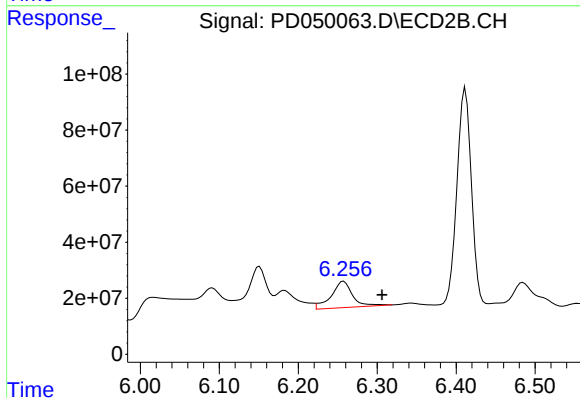
R.T.: 5.940 min
Delta R.T.: -0.008 min
Response: 259406491
Conc: 9.80 ng/ml



#9 Endosulfan I

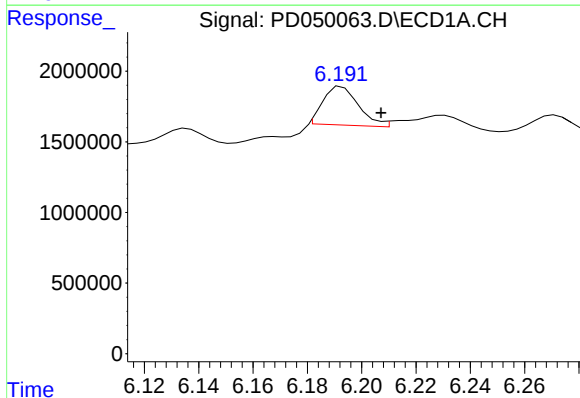
R.T.: 6.271 min
Delta R.T.: -0.057 min
Response: 1347723
Conc: 1.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



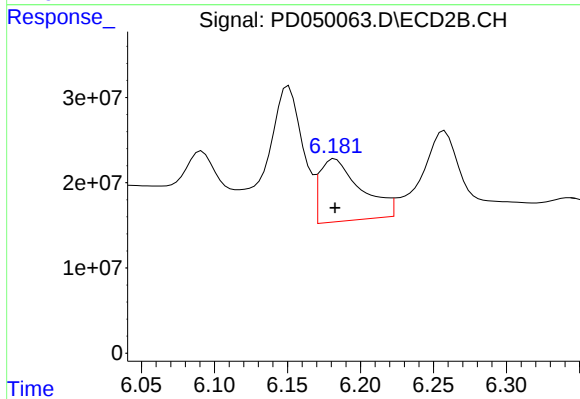
#9 Endosulfan I

R.T.: 6.258 min
Delta R.T.: -0.049 min
Response: 176722686
Conc: 7.57 ng/ml



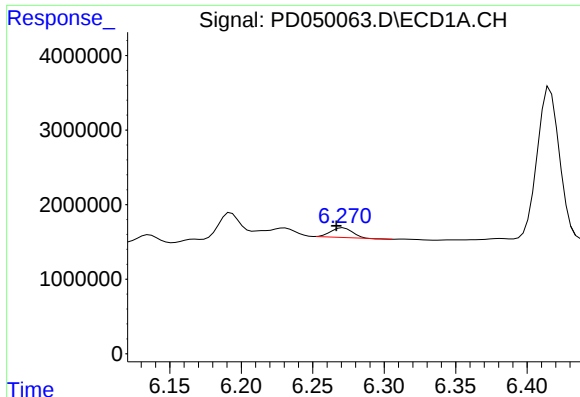
#10 gamma-Chlordane

R.T.: 6.193 min
Delta R.T.: -0.014 min
Response: 2446611
Conc: 3.13 ng/ml



#10 gamma-Chlordane

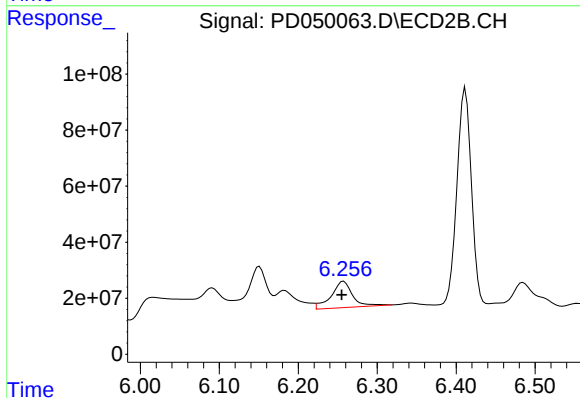
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 143638639
Conc: 5.47 ng/ml



#11 alpha-Chlordane

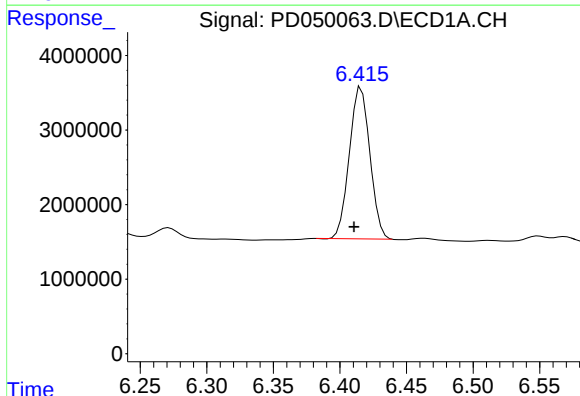
R.T.: 6.271 min
Delta R.T.: 0.005 min
Response: 1347723
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



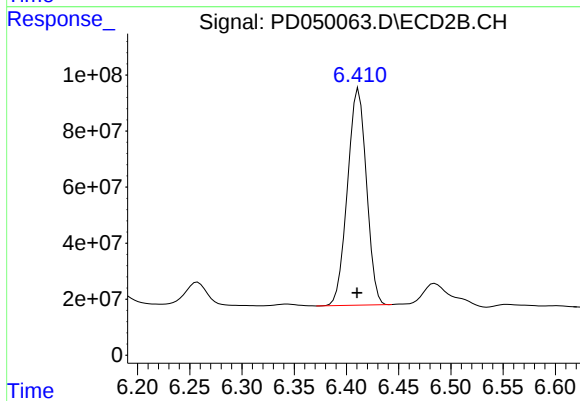
#11 alpha-Chlordane

R.T.: 6.258 min
Delta R.T.: 0.002 min
Response: 176722686
Conc: 7.05 ng/ml



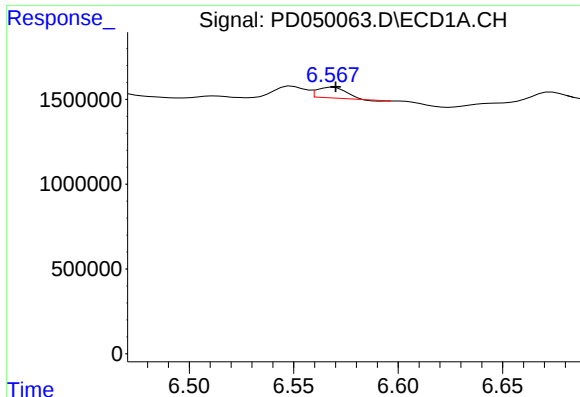
#12 4,4'-DDE

R.T.: 6.416 min
Delta R.T.: 0.005 min
Response: 21886238
Conc: 31.19 ng/ml



#12 4,4'-DDE

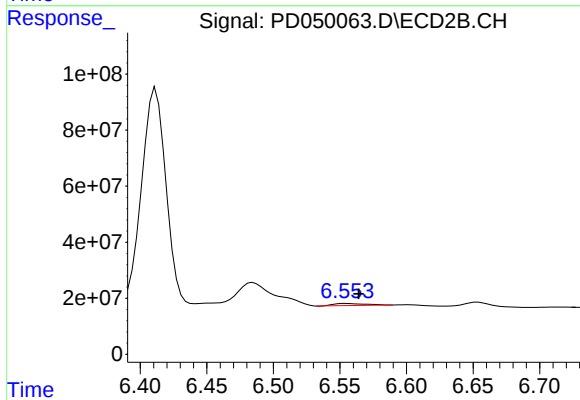
R.T.: 6.412 min
Delta R.T.: 0.002 min
Response: 975507155
Conc: 41.33 ng/ml



#13 Dieldrin

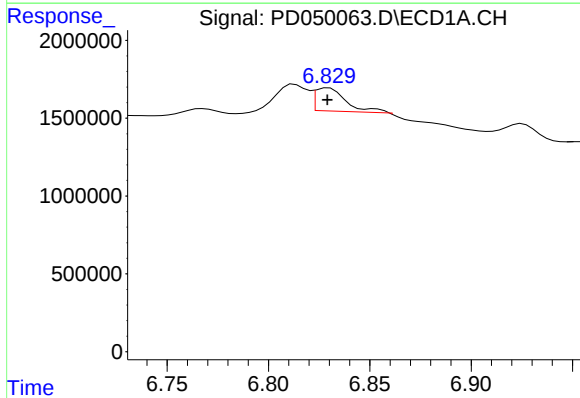
R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 569638
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



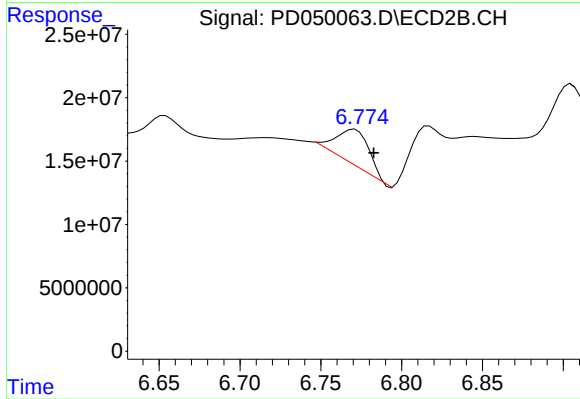
#13 Dieldrin

R.T.: 6.555 min
Delta R.T.: -0.009 min
Response: 11873854
Conc: 0.49 ng/ml



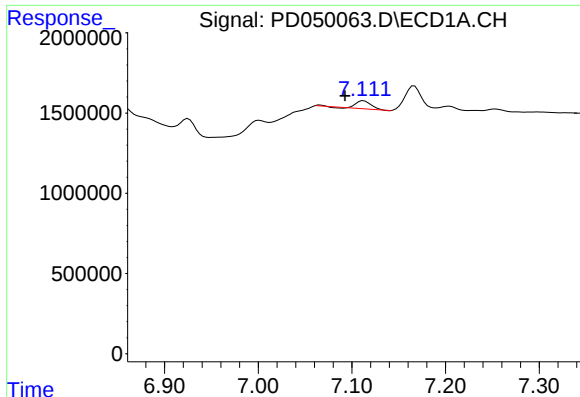
#14 Endrin

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 1575993
Conc: 2.43 ng/ml



#14 Endrin

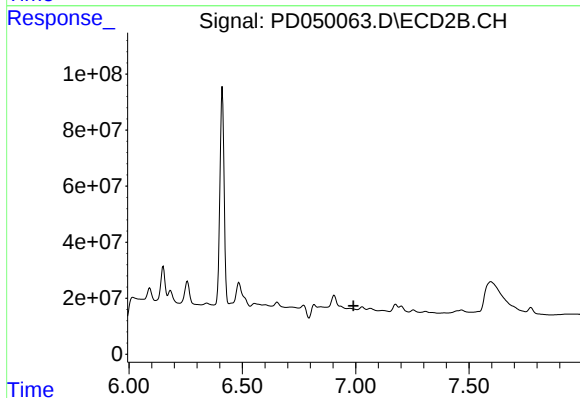
R.T.: 6.771 min
Delta R.T.: -0.012 min
Response: 39941978
Conc: 2.08 ng/ml



#15 Endosulfan II

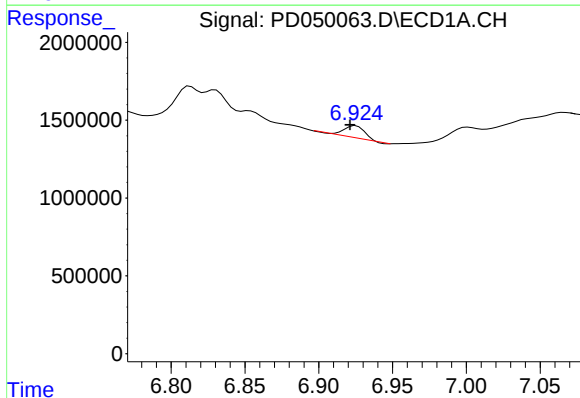
R.T.: 7.113 min
Delta R.T.: 0.020 min
Response: 547582
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



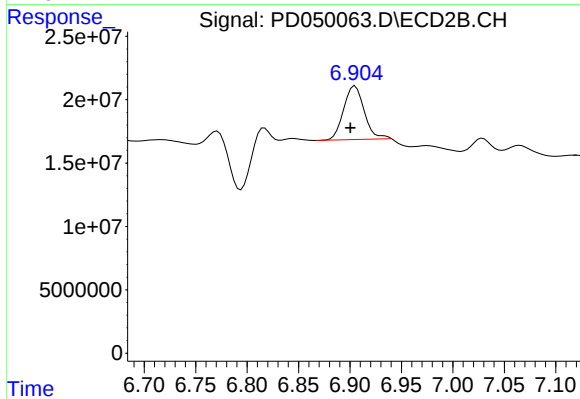
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.991 min
Response: 0
Conc: N.D.



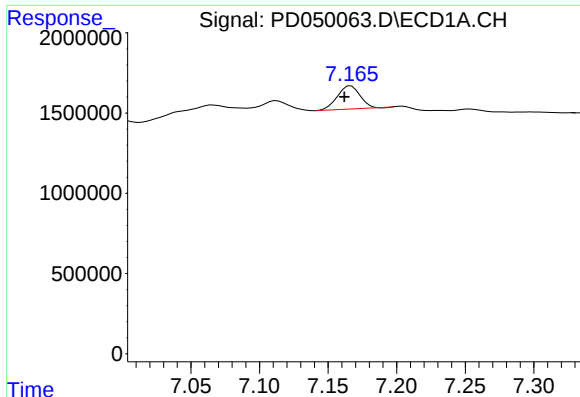
#16 4,4'-DDD

R.T.: 6.925 min
Delta R.T.: 0.004 min
Response: 598967
Conc: 1.08 ng/ml



#16 4,4'-DDD

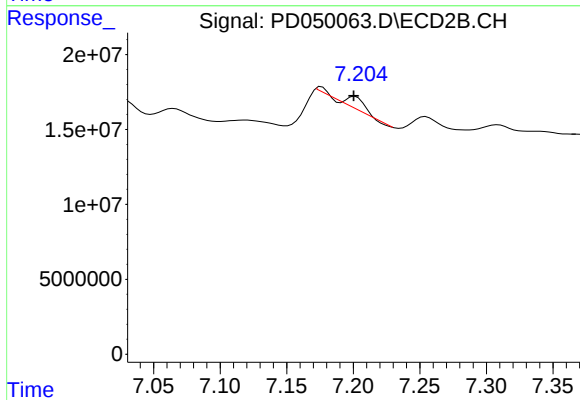
R.T.: 6.905 min
Delta R.T.: 0.004 min
Response: 59315433
Conc: 3.32 ng/ml



#17 4,4'-DDT

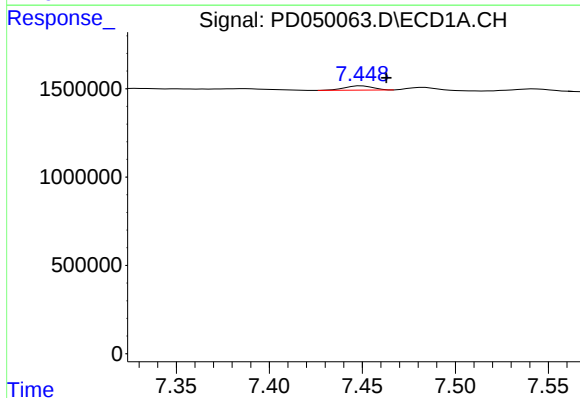
R.T.: 7.167 min
Delta R.T.: 0.005 min
Response: 1636490
Conc: 3.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



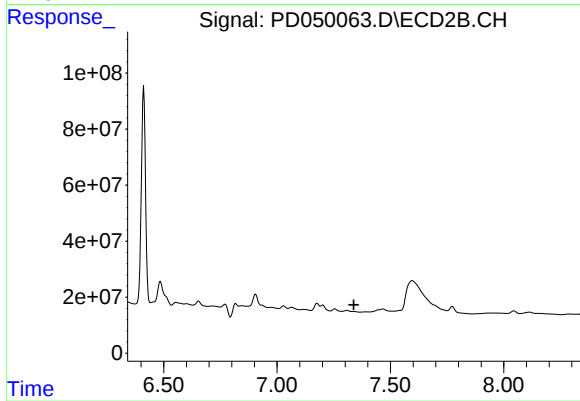
#17 4,4'-DDT

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 4500885
Conc: 0.37 ng/ml



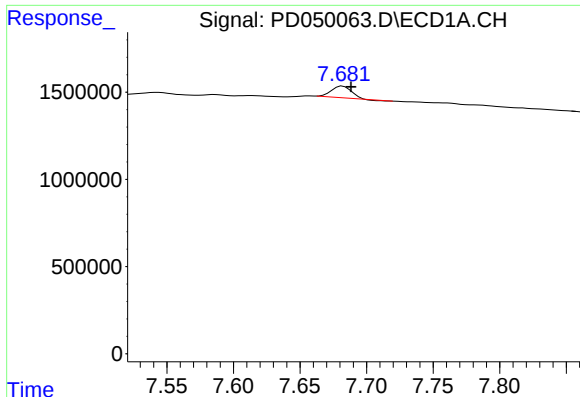
#19 Endosulfan Sulfate

R.T.: 7.450 min
Delta R.T.: -0.013 min
Response: 260091
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

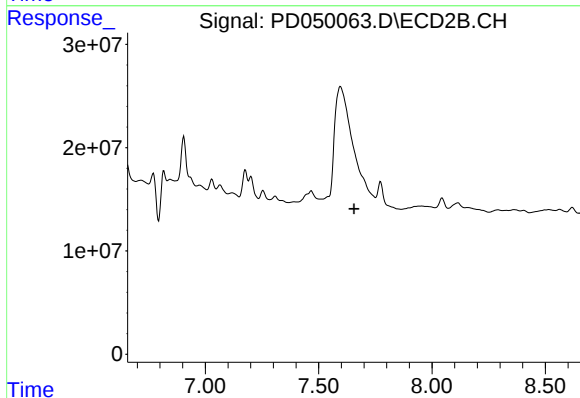
R.T.: 0.000 min
Exp R.T.: 7.338 min
Response: 0
Conc: N.D.



#20 Methoxychlor

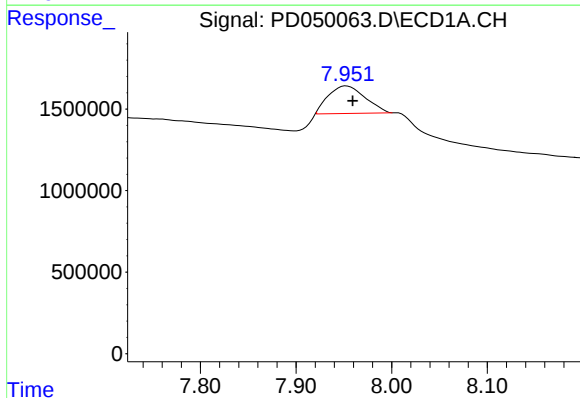
R.T.: 7.682 min
Delta R.T.: -0.006 min
Response: 633390
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



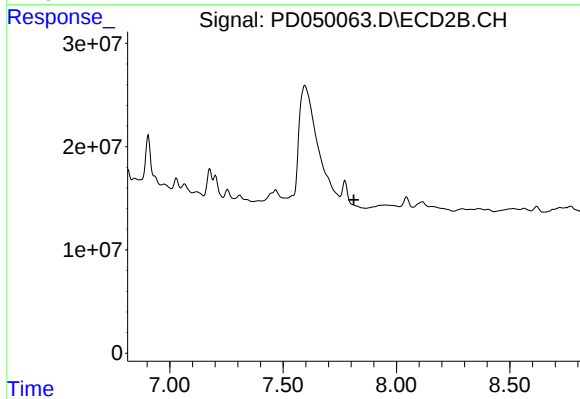
#20 Methoxychlor

R.T.: 7.596 min
Delta R.T.: -0.061 min
Response: -37174
Conc: N.D.



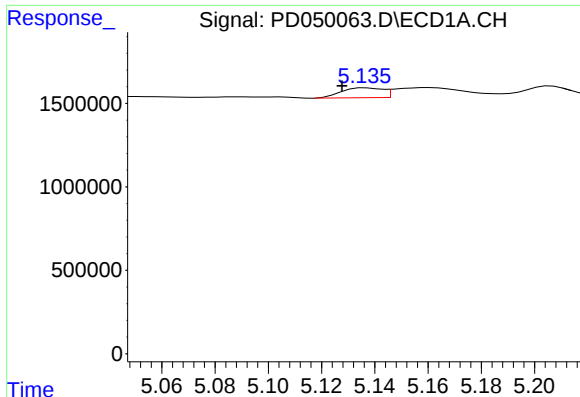
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: -0.006 min
Response: 4521753
Conc: 6.58 ng/ml



#21 Endrin ketone

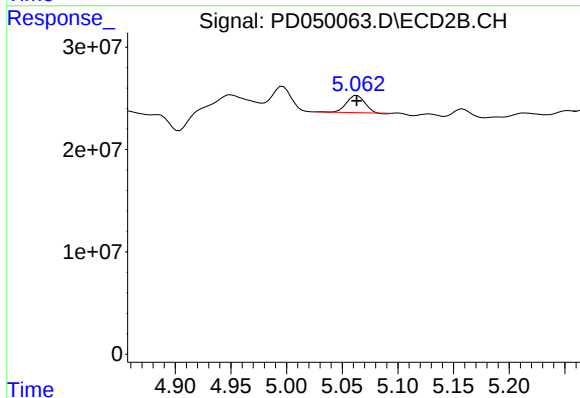
R.T.: 0.000 min
Exp R.T.: 7.811 min
Response: 0
Conc: N.D.



#23 Chlordane-1

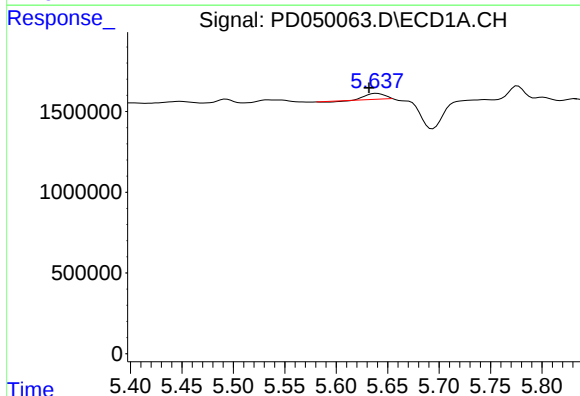
R.T.: 5.137 min
Delta R.T.: 0.009 min
Response: 635564
Conc: 23.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



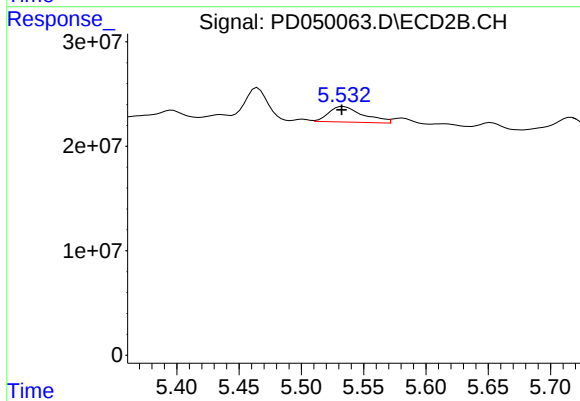
#23 Chlordane-1

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 18768162
Conc: 14.42 ng/ml



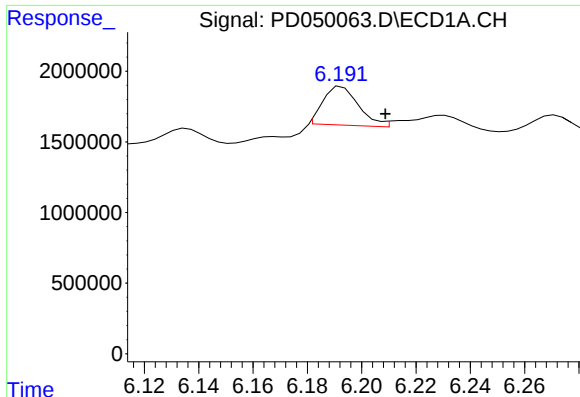
#24 Chlordane-2

R.T.: 5.639 min
Delta R.T.: 0.007 min
Response: 452497
Conc: 16.70 ng/ml



#24 Chlordane-2

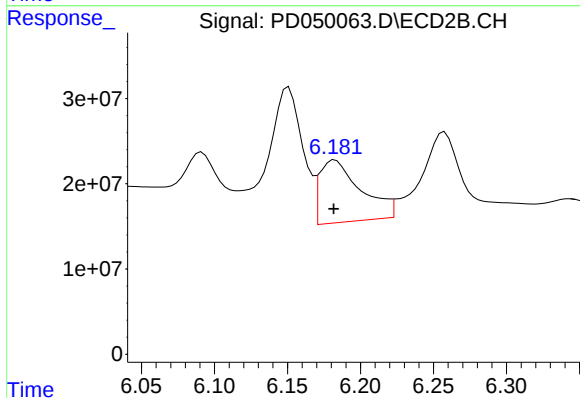
R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 28455431
Conc: 24.20 ng/ml



#25 Chlordane-3

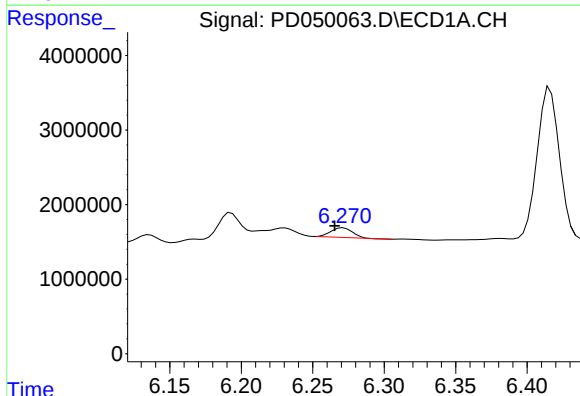
R.T.: 6.193 min
Delta R.T.: -0.016 min
Response: 2446611
Conc: 27.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



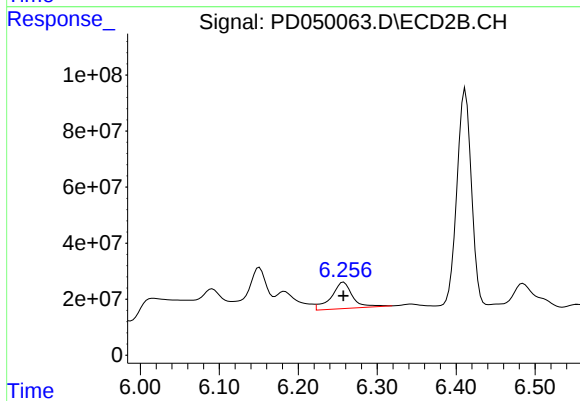
#25 Chlordane-3

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 143638639
Conc: 39.64 ng/ml



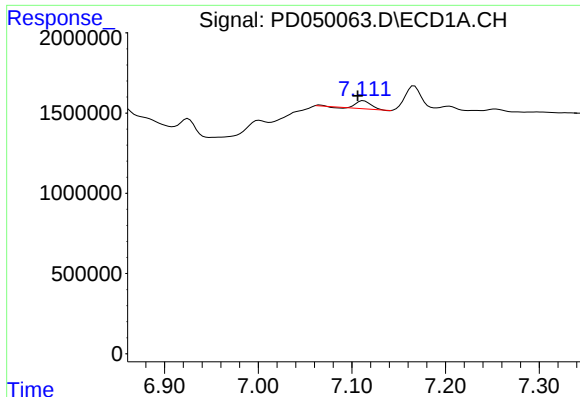
#26 Chlordane-4

R.T.: 6.271 min
Delta R.T.: 0.006 min
Response: 1347723
Conc: 18.79 ng/ml



#26 Chlordane-4

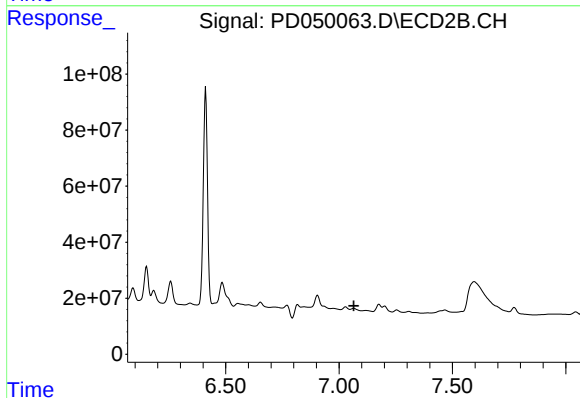
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 176722686
Conc: 43.13 ng/ml



#27 Chlordane-5

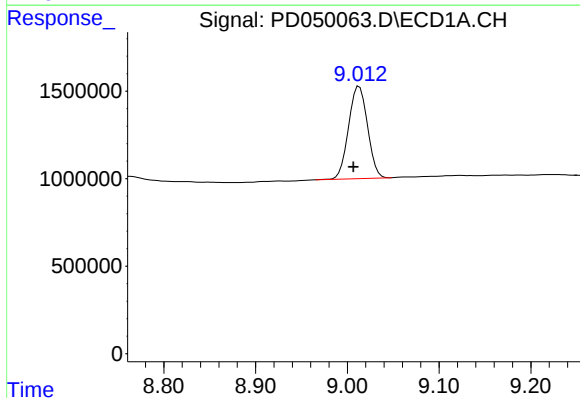
R.T.: 7.113 min
Delta R.T.: 0.006 min
Response: 547582
Conc: 19.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



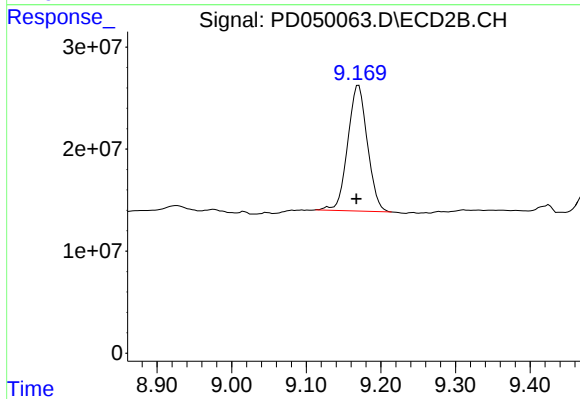
#27 Chlordane-5

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: -3256044
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: 0.006 min
Response: 7581041
Conc: 12.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.170 min
Delta R.T.: 0.003 min
Response: 225028963
Conc: 14.24 ng/ml