

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092519\
 Data File : PD054970.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2019 14:41
 Operator : SG\AJ
 Sample : AR1242 STD 1600 PPB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 AR1242 STD 1600 PPB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 01:14:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092319CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 24 07:21:19 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 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...	3.300	3.966	68417266	97396078	89.931	94.909
27)	SA Decachlor...	7.982	9.007	137.4E6	181.5E6	163.011	155.804
Target Compounds							
2)	A alpha-BHC	3.717	4.309f	110511	17230641	<MDL	11.952 #
4)	MA Heptachlor	4.303	0.000	80518125	0	87.039	N.D. #
5)	MB Aldrin	4.509	5.469	11964800	40386709	12.294	30.549 #
6)	B beta-BHC	4.219f	0.000	964159	0	2.061	N.D. #
7)	B delta-BHC	4.458	0.000	24467119	0	22.862	N.D. #
8)	B Heptachlo...	4.961	5.821	2239446	30375730	2.440	23.099 #
9)	A Endosulfan I	5.324	6.223f	1443427	4293514	1.626	3.403 #
10)	B trans-Chl...	5.168	6.059	8083991	-9926185	8.558	N.D. #
11)	B cis-Chlor...	5.257	0.000	16046918	0	17.532	N.D. #
12)	B 4,4'-DDE	5.373f	6.293	4744009	10508028	5.287	8.117 #
13)	MA Dieldrin	5.538	6.486f	10705699	7608235	10.876	5.452 #
14)	MA Endrin	5.761	6.652	8522825	11723524	10.250	10.644
15)	B Endosulfa...	6.053	6.907f	6914205	10677943	7.937	8.397
16)	A 4,4'-DDD	5.885f	0.000	1015427	0	1.400	N.D. #
17)	MA 4,4'-DDT	6.158	7.053	1996878	982931	2.996	0.898 #
18)	B Endrin al...	6.219	7.053f	509183	982931	0.700	0.948 #
19)	B Endosulfa...	6.471	0.000	499811	0	0.616	N.D. #
20)	A Methoxychlor	6.659f	0.000	269999	0	0.762	N.D. #
22)	Toxaphene-1	5.499	6.335	4563436	6606537	815.737	1005.671
23)	Toxaphene-2	5.666	6.652	6425571	11723524	1108.702	1387.088 #
24)	Toxaphene-3	5.984	7.053	1041976	982931	208.579	80.176 #
25)	Toxaphene-4	6.053	7.053	6914205	982931	457.151	29.186 #
26)	Toxaphene-5	6.817	0.000	2095301	0	113.271	N.D. #

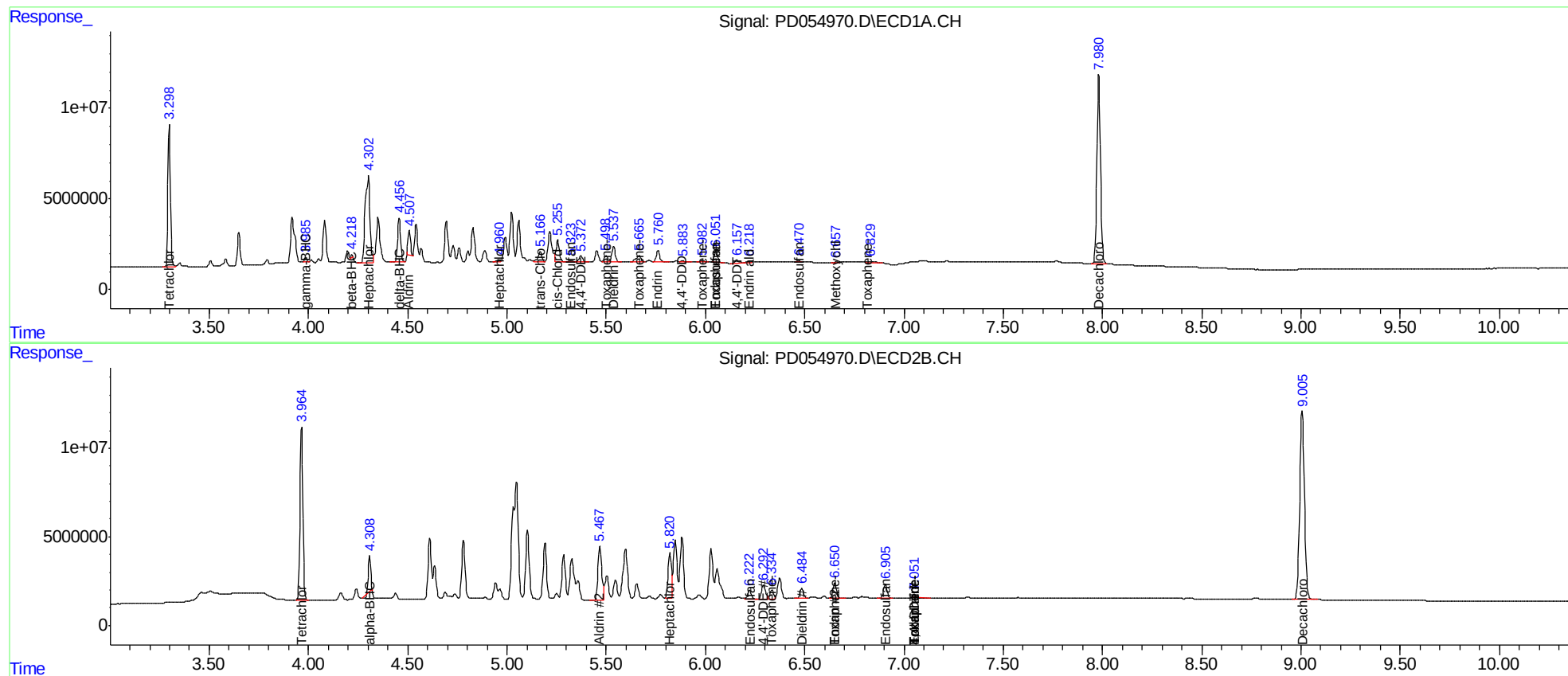
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

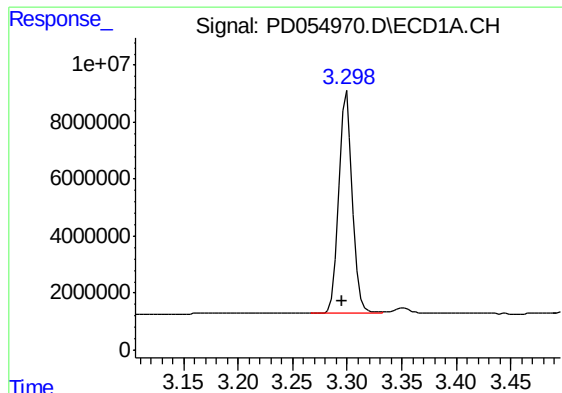
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092519\
Data File : PD054970.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 Sep 2019 14:41
Operator : SG\AJ
Sample : AR1242 STD 1600 PPB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampled :
AR1242 STD 1600 PPB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 01:14:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092319CLP.M
Quant Title : GC Extractables
QLast Update : Tue Sep 24 07:21:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 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

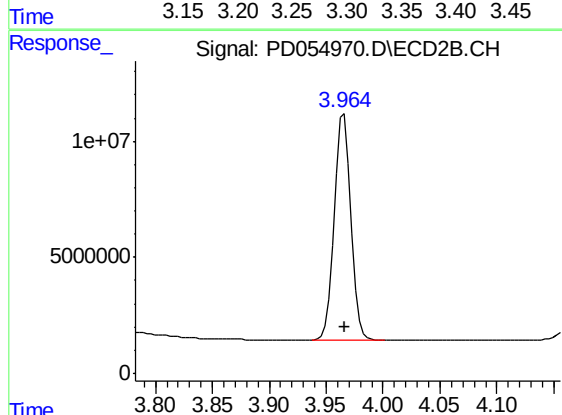




#1 Tetrachloro-m-xylene

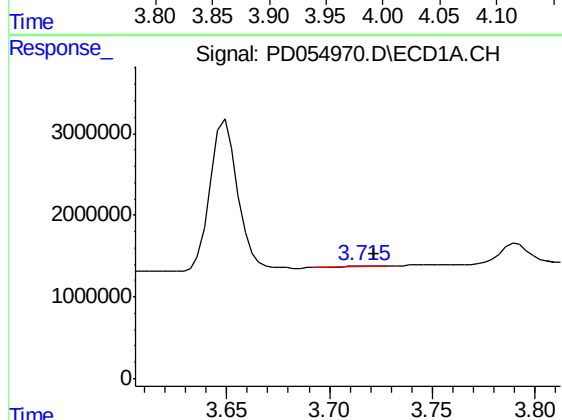
R.T.: 3.300 min
Delta R.T.: 0.005 min
Response: 68417266
Conc: 89.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



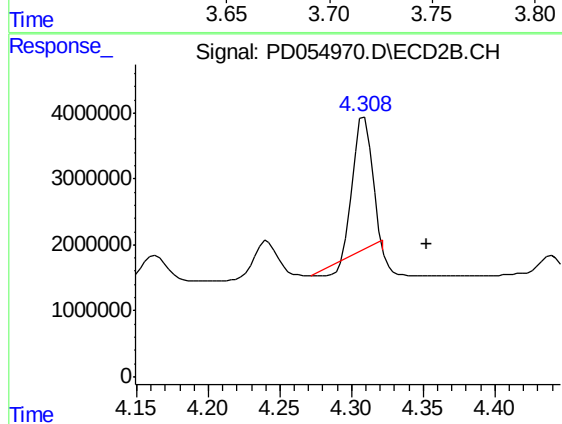
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 97396078
Conc: 94.91 ng/ml



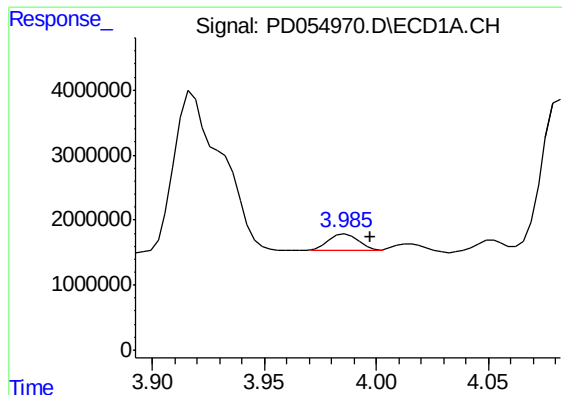
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: -0.005 min
Response: 110511
Conc: N.D.



#2 alpha-BHC

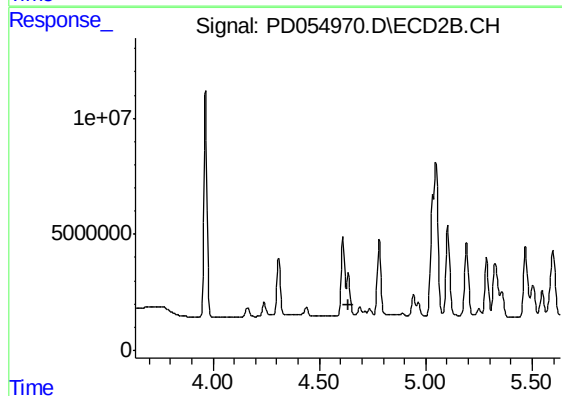
R.T.: 4.309 min
Delta R.T.: -0.044 min
Response: 17230641
Conc: 11.95 ng/ml



#3 gamma-BHC (Lindane)

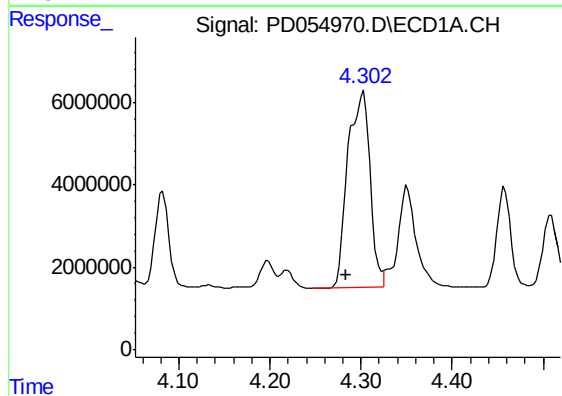
R.T.: 3.987 min
Delta R.T.: -0.011 min
Response: 2265402
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



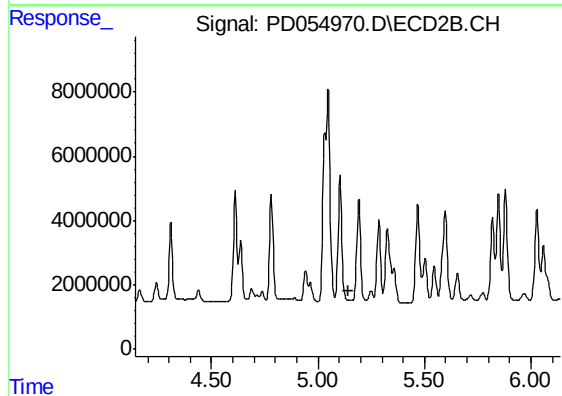
#3 gamma-BHC (Lindane)

R.T.: 4.637 min
Delta R.T.: 0.001 min
Response: -3156476
Conc: N.D.



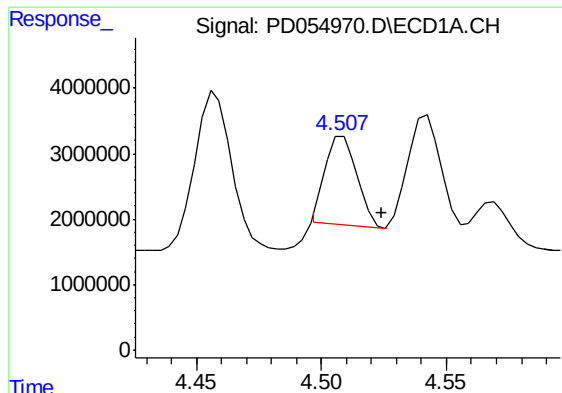
#4 Heptachlor

R.T.: 4.303 min
Delta R.T.: 0.019 min
Response: 80518125
Conc: 87.04 ng/ml



#4 Heptachlor

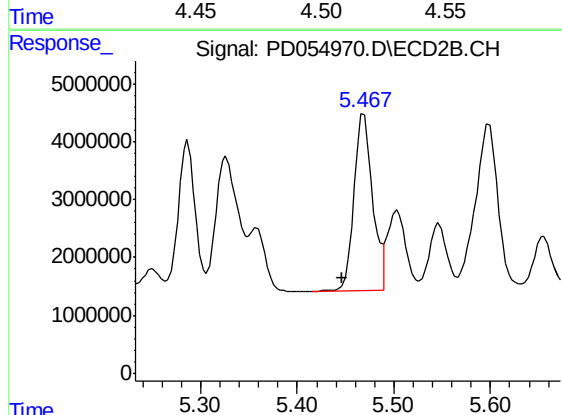
R.T.: 0.000 min
Exp R.T. : 5.142 min
Response: 0
Conc: N.D.



#5 Aldrin

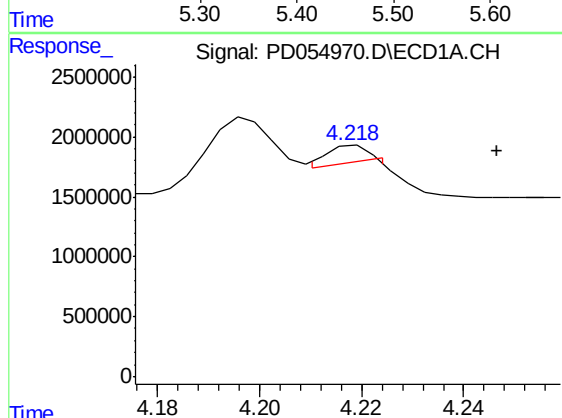
R.T.: 4.509 min
Delta R.T.: -0.015 min
Response: 11964800
Conc: 12.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



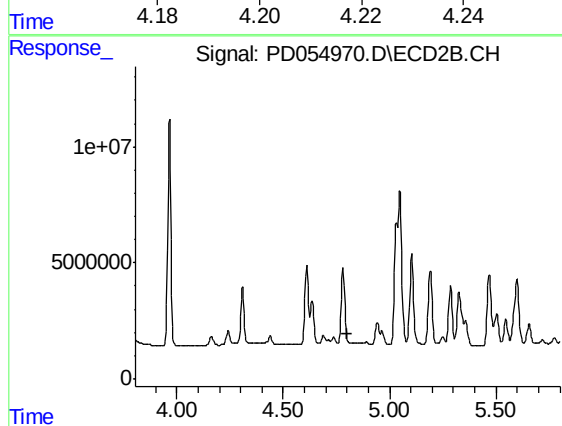
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.022 min
Response: 40386709
Conc: 30.55 ng/ml



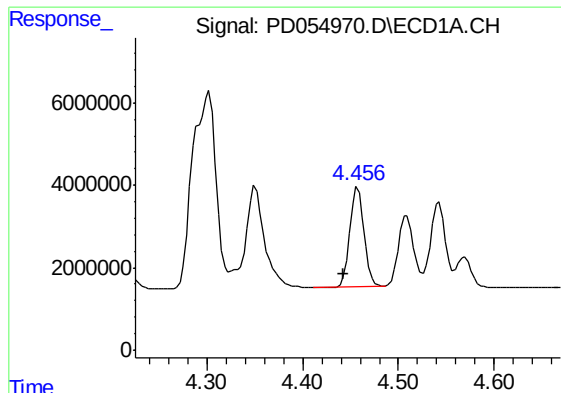
#6 beta-BHC

R.T.: 4.219 min
Delta R.T.: -0.027 min
Response: 964159
Conc: 2.06 ng/ml



#6 beta-BHC

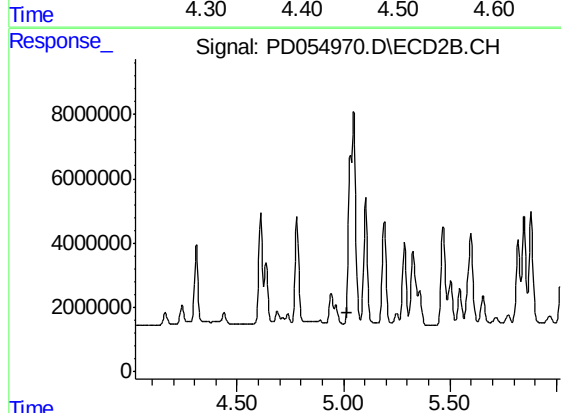
R.T.: 0.000 min
Exp R.T. : 4.804 min
Response: 0
Conc: N.D.



#7 delta-BHC

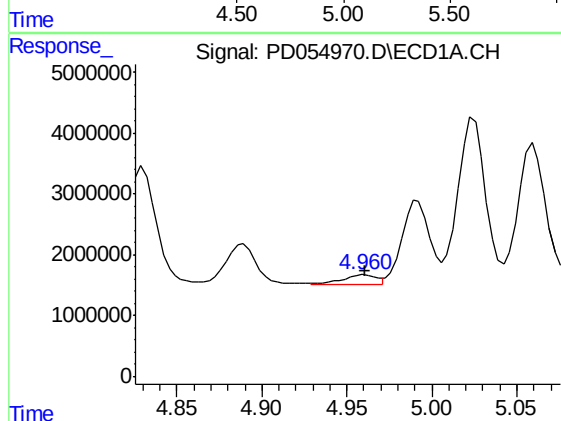
R.T.: 4.458 min
Delta R.T.: 0.015 min
Response: 24467119
Conc: 22.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



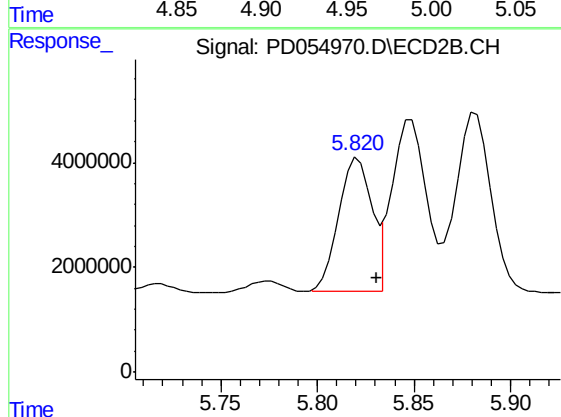
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.019 min
Response: 0
Conc: N.D.



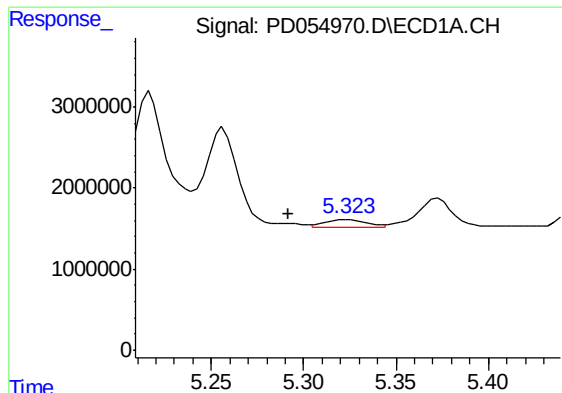
#8 Heptachlor epoxide

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 2239446
Conc: 2.44 ng/ml



#8 Heptachlor epoxide

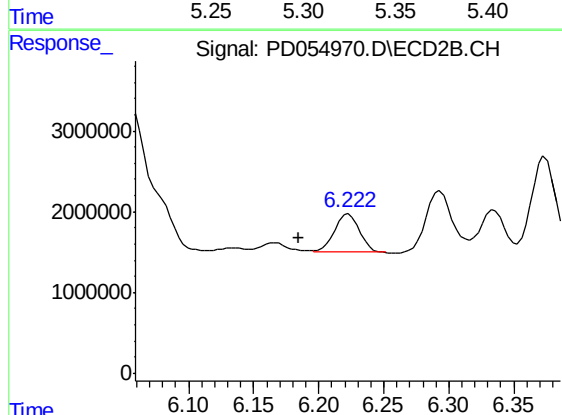
R.T.: 5.821 min
Delta R.T.: -0.010 min
Response: 30375730
Conc: 23.10 ng/ml



#9 Endosulfan I

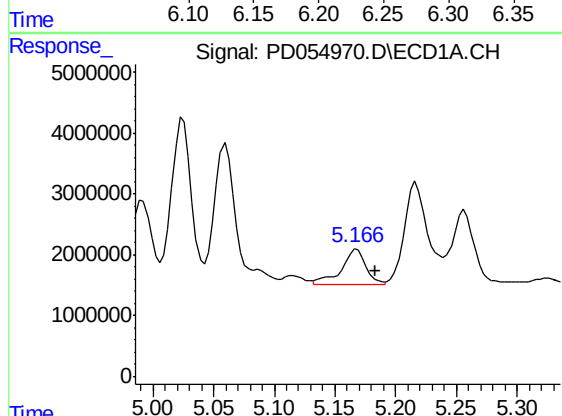
R.T.: 5.324 min
Delta R.T.: 0.032 min
Response: 1443427
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



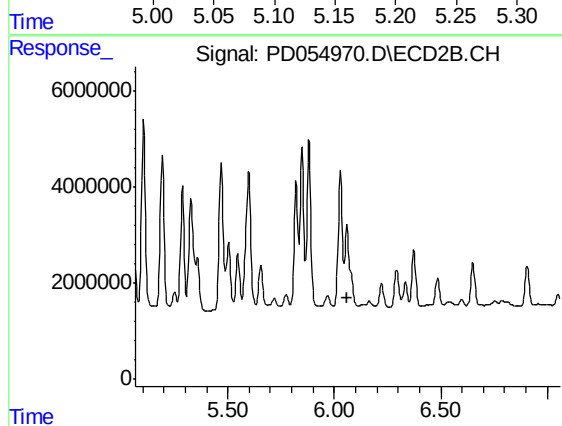
#9 Endosulfan I

R.T.: 6.223 min
Delta R.T.: 0.038 min
Response: 4293514
Conc: 3.40 ng/ml



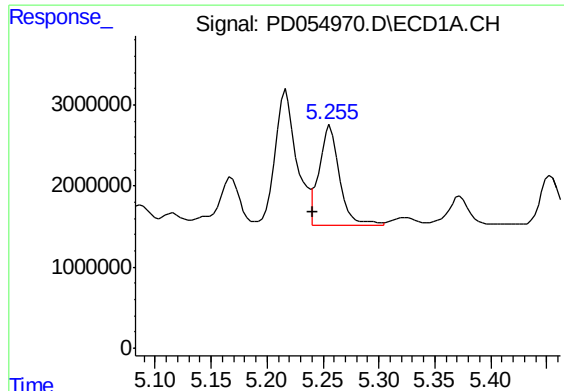
#10 trans-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.016 min
Response: 8083991
Conc: 8.56 ng/ml



#10 trans-Chlordane

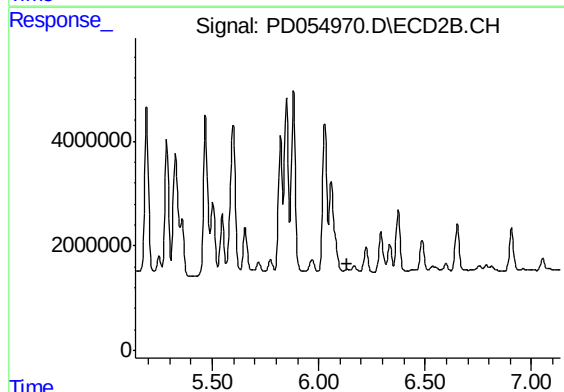
R.T.: 6.059 min
Delta R.T.: -0.004 min
Response: -9926185
Conc: N.D.



#11 cis-Chlordane

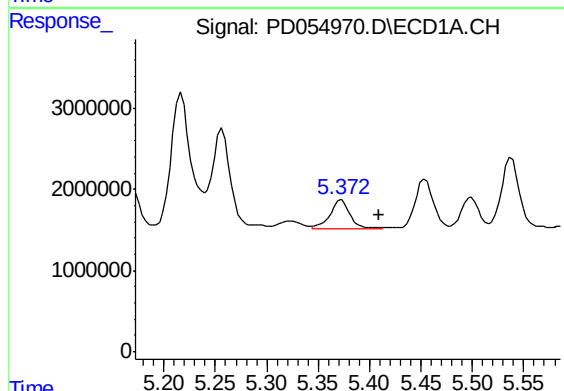
R.T.: 5.257 min
Delta R.T.: 0.016 min
Response: 16046918
Conc: 17.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



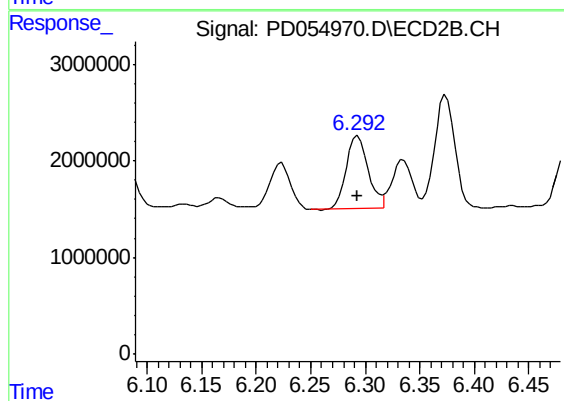
#11 cis-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.136 min
Response: 0
Conc: N.D.



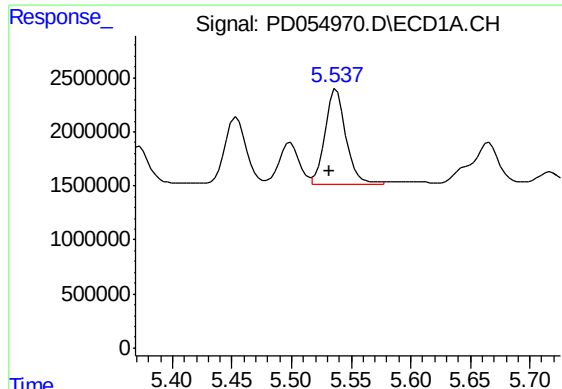
#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.037 min
Response: 4744009
Conc: 5.29 ng/ml



#12 4,4'-DDE

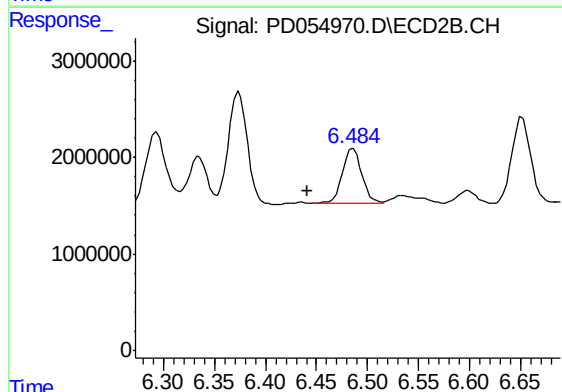
R.T.: 6.293 min
Delta R.T.: 0.000 min
Response: 10508028
Conc: 8.12 ng/ml



#13 Dieldrin

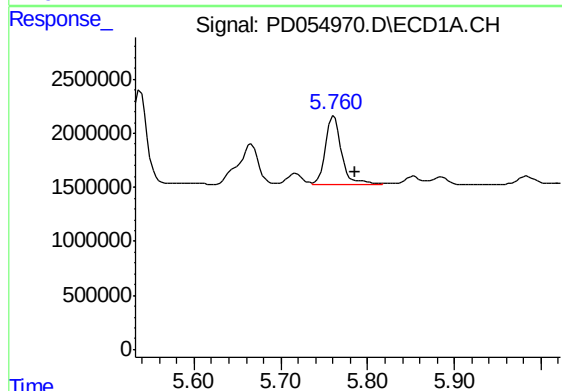
R.T.: 5.538 min
Delta R.T.: 0.006 min
Response: 10705699
Conc: 10.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



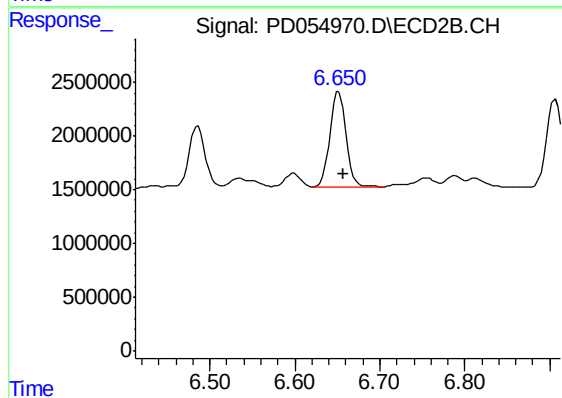
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: 0.045 min
Response: 7608235
Conc: 5.45 ng/ml



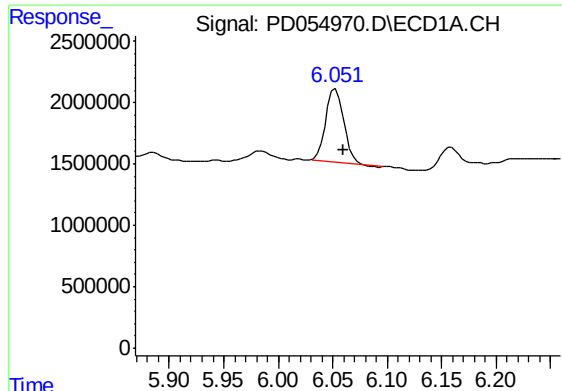
#14 Endrin

R.T.: 5.761 min
Delta R.T.: -0.024 min
Response: 8522825
Conc: 10.25 ng/ml



#14 Endrin

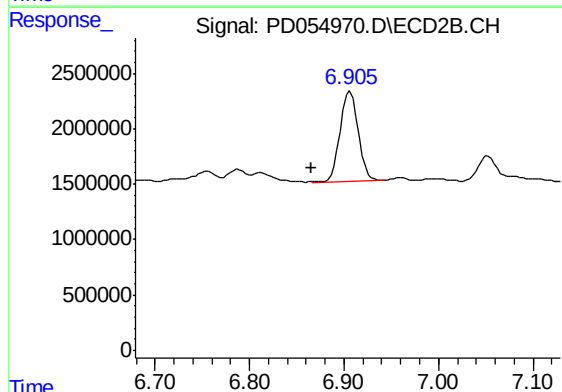
R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 11723524
Conc: 10.64 ng/ml



#15 Endosulfan II

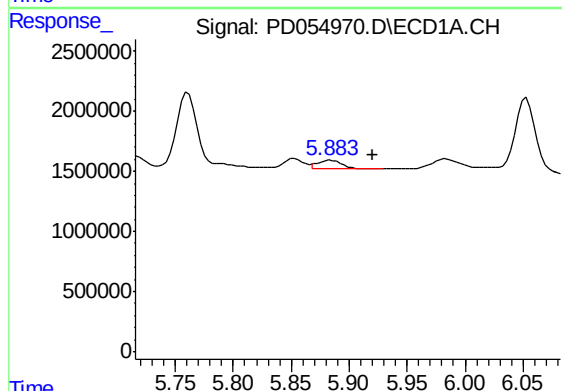
R.T.: 6.053 min
Delta R.T.: -0.007 min
Response: 6914205
Conc: 7.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



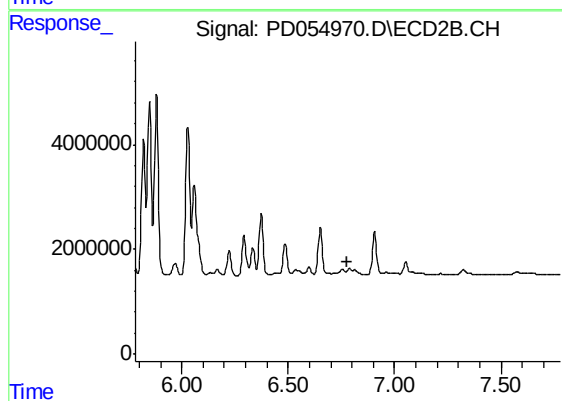
#15 Endosulfan II

R.T.: 6.907 min
Delta R.T.: 0.041 min
Response: 10677943
Conc: 8.40 ng/ml



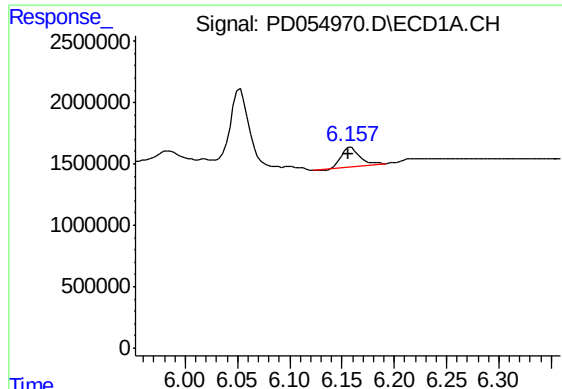
#16 4,4'-DDD

R.T.: 5.885 min
Delta R.T.: -0.036 min
Response: 1015427
Conc: 1.40 ng/ml



#16 4,4'-DDD

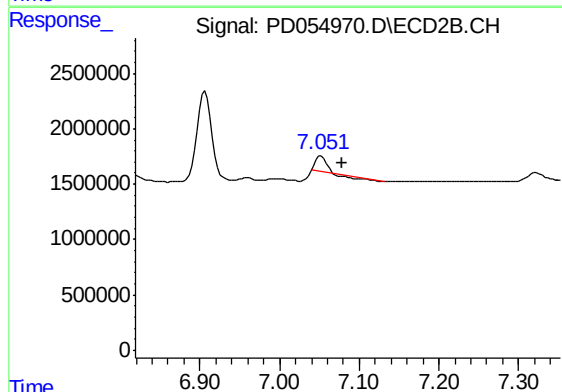
R.T.: 0.000 min
Exp R.T. : 6.780 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

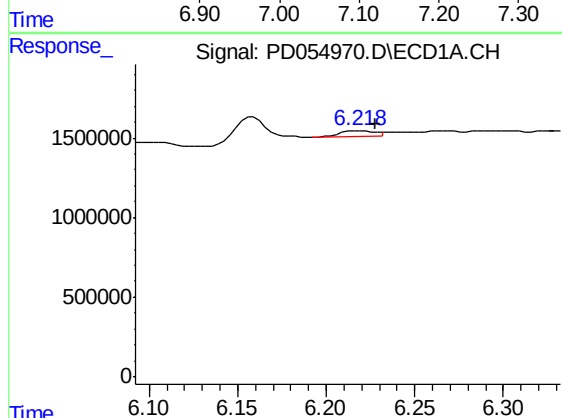
R.T.: 6.158 min
Delta R.T.: 0.002 min
Response: 1996878
Conc: 3.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



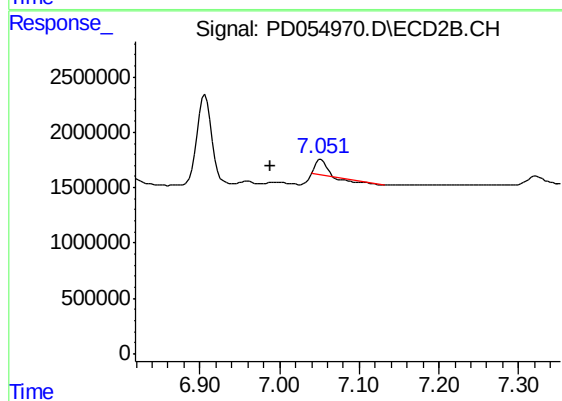
#17 4,4'-DDT

R.T.: 7.053 min
Delta R.T.: -0.025 min
Response: 982931
Conc: 0.90 ng/ml



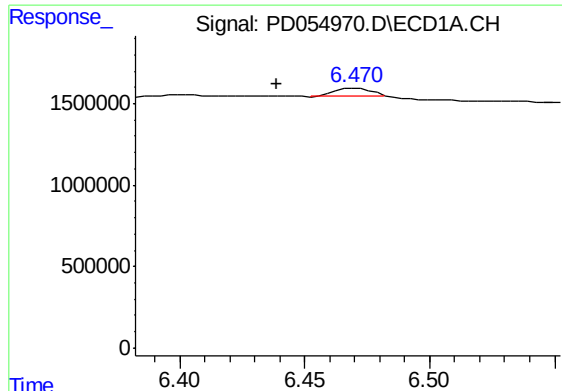
#18 Endrin aldehyde

R.T.: 6.219 min
Delta R.T.: -0.009 min
Response: 509183
Conc: 0.70 ng/ml



#18 Endrin aldehyde

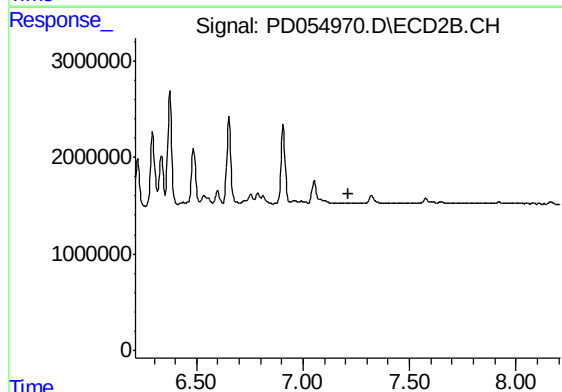
R.T.: 7.053 min
Delta R.T.: 0.063 min
Response: 982931
Conc: 0.95 ng/ml



#19 Endosulfan Sulfate

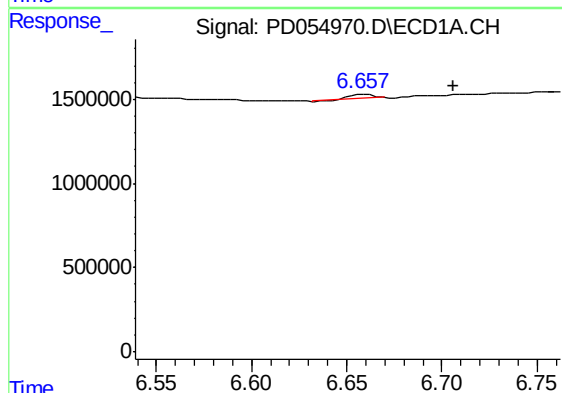
R.T.: 6.471 min
Delta R.T.: 0.032 min
Response: 499811
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



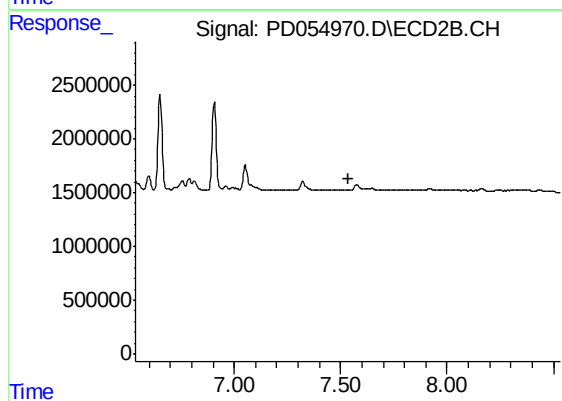
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.212 min
Response: 0
Conc: N.D.



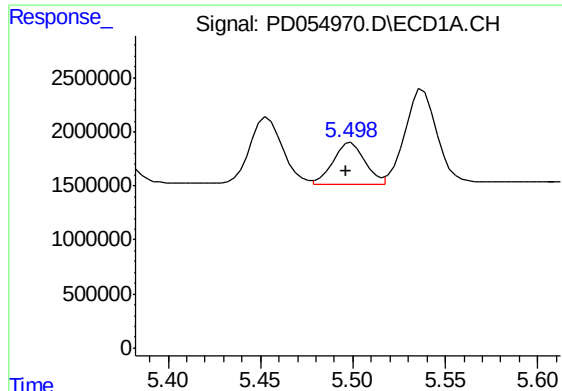
#20 Methoxychlor

R.T.: 6.659 min
Delta R.T.: -0.047 min
Response: 269999
Conc: 0.76 ng/ml



#20 Methoxychlor

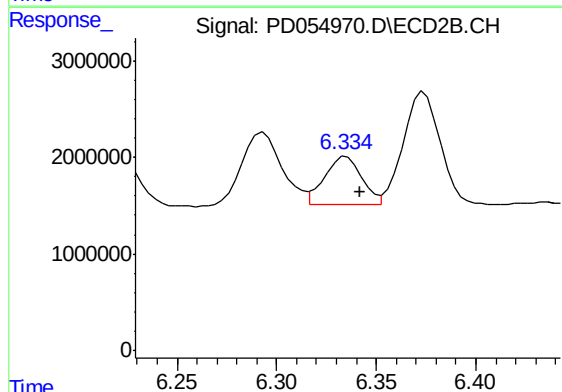
R.T.: 0.000 min
Exp R.T. : 7.535 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

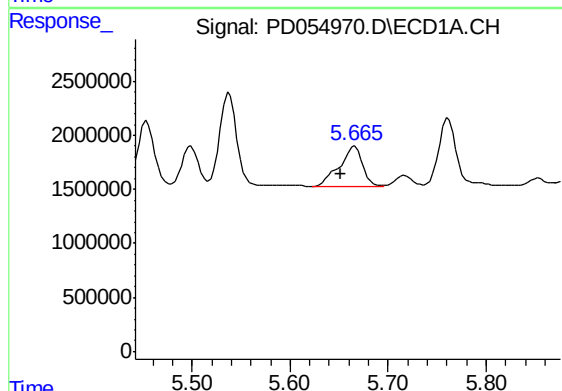
R.T.: 5.499 min
Delta R.T.: 0.003 min
Response: 4563436
Conc: 815.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



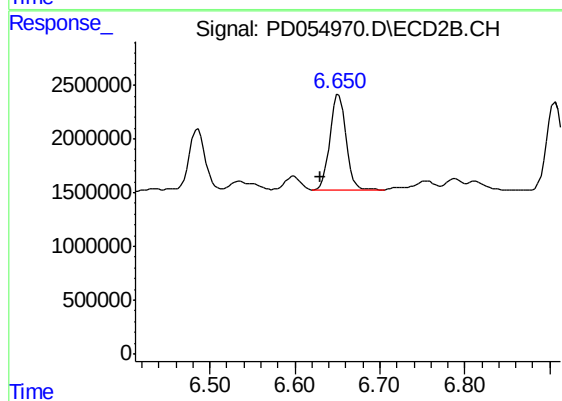
#22 Toxaphene-1

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 6606537
Conc: 1005.67 ng/ml



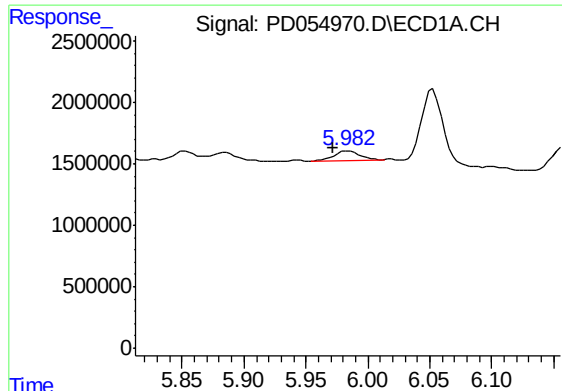
#23 Toxaphene-2

R.T.: 5.666 min
Delta R.T.: 0.014 min
Response: 6425571
Conc: 1108.70 ng/ml



#23 Toxaphene-2

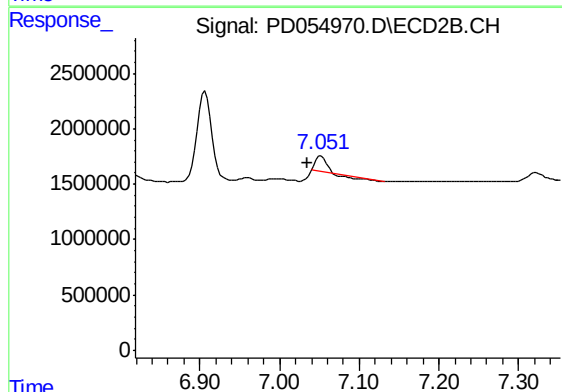
R.T.: 6.652 min
Delta R.T.: 0.021 min
Response: 11723524
Conc: 1387.09 ng/ml



#24 Toxaphene-3

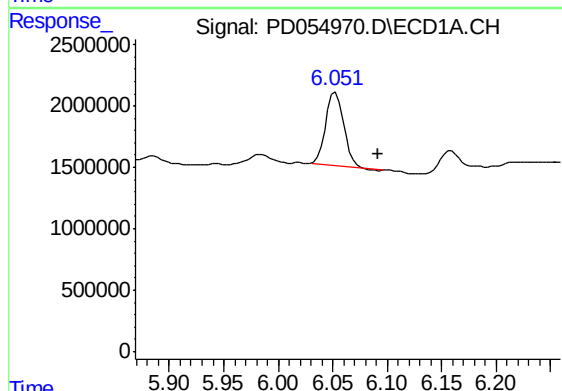
R.T.: 5.984 min
Delta R.T.: 0.011 min
Response: 1041976
Conc: 208.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



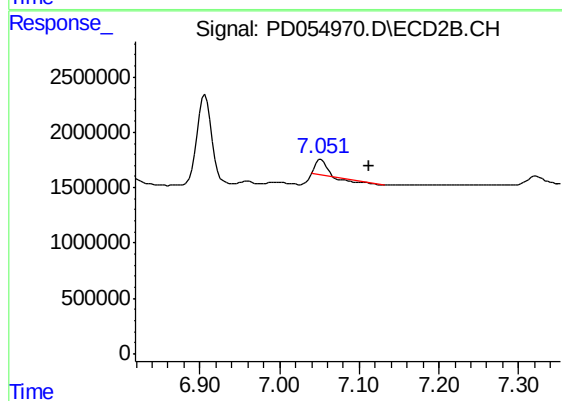
#24 Toxaphene-3

R.T.: 7.053 min
Delta R.T.: 0.017 min
Response: 982931
Conc: 80.18 ng/ml



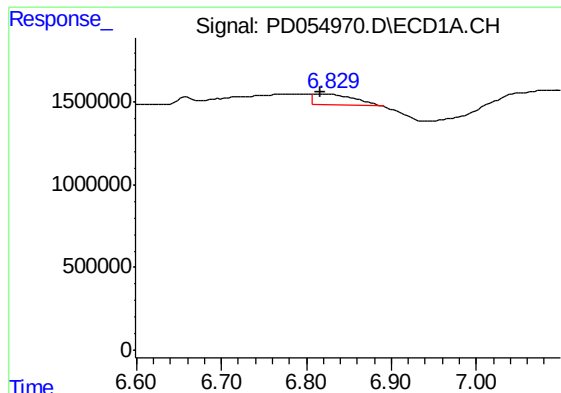
#25 Toxaphene-4

R.T.: 6.053 min
Delta R.T.: -0.038 min
Response: 6914205
Conc: 457.15 ng/ml



#25 Toxaphene-4

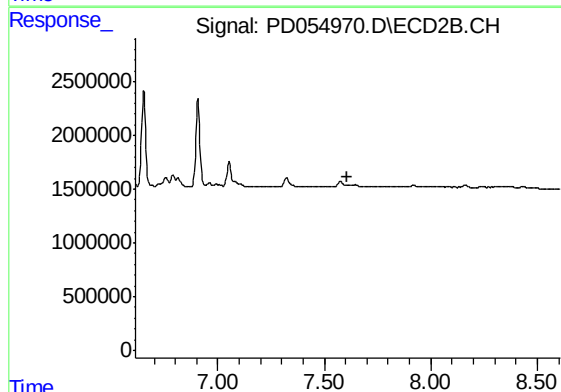
R.T.: 7.053 min
Delta R.T.: -0.059 min
Response: 982931
Conc: 29.19 ng/ml



#26 Toxaphene-5

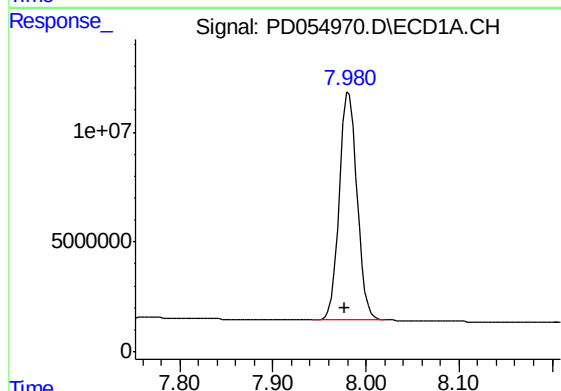
R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 2095301
Conc: 113.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
AR1242 STD 1600 PPB



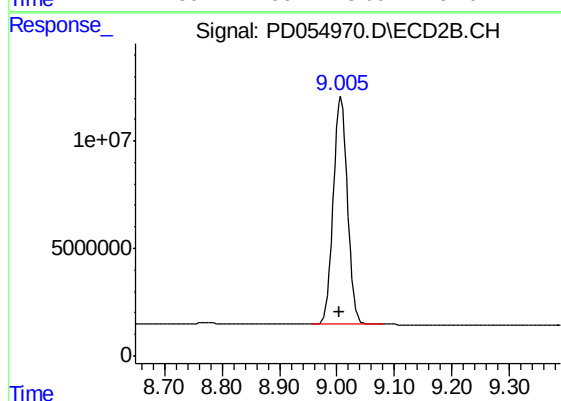
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.610 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.005 min
Response: 137350472
Conc: 163.01 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: 0.002 min
Response: 181522339
Conc: 155.80 ng/ml