Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050521\
Data File : PD062711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2021 09:46
Operator : AR\AJ
Sample : PEM08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_D
ClientSampleId : PEM008

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:41:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 2021
Response via : Initial Calibration
Integrator: ChemStation

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...	3.443	3.972	19495837	253.8E6	20.363	20.902	
27)	SA Decachlor...	8.203	9.033	21258753	216.3E6	19.805	19.816	
	Target Compounds							
2)	A alpha-BHC	3.880	4.361	13878346	212.9E6	9.912	11.256	
3)	MA gamma-BHC...	4.163	4.646	13385518	188.5E6	10.020	10.911	
4)	MA Heptachlor	4.414f	5.181f	6444637	301434	5.019	<MDL	#
5)	MB Aldrin	4.759f	0.000	687209	0	0.528	N.D.	#
6)	B beta-BHC	4.414	4.816	6444637	82389987	10.380	10.793	
7)	B delta-BHC	0.000	5.029	0	4214714	N.D.	0.227	
8)	B Heptachlo...	5.094f	5.855	25051	8436097	<MDL	0.526	#
9)	A Endosulfan I	0.000	6.240f	0	2855589	N.D.	0.195	
10)	B trans-Chl...	0.000	6.084	0	97160	N.D.	<MDL	
11)	B cis-Chlor...	0.000	6.084f	0	97160	N.D.	<MDL	
12)	B 4,4'-DDE	5.607	6.309	303960	3949374	0.246	0.252	
13)	MA Dieldrin	5.759	6.464	779739	11195931	0.619	0.722	
14)	MA Endrin	5.997	6.675	49452118	631.4E6	46.737	50.626	
15)	B Endosulfa...	6.268	6.895	363191	10920087	0.350	0.873	#
16)	A 4,4'-DDD	6.123	6.798	3317804	52630019	3.332	4.235	#
17)	MA 4,4'-DDT	6.365	7.097	92952933	1163.4E6	99.241	97.985	
18)	B Endrin al...	6.439	7.009	1220953	9577014	1.368	0.878	#
19)	B Endosulfa...	6.583f	7.194f	567128	994890	0.567	<MDL	#
20)	A Methoxychlor	6.911	7.556	119.4E6	1379.6E6	223.774	243.396	
21)	B Endrin ke...	7.144	7.703	4076683	29159799	3.479	2.369	#
22)	Toxaphene-1	5.759	6.378	779739	249752	104.602	3.759	#
23)	Toxaphene-2	5.910	6.675	266469	631.4E6	36.207	7581.429	#
24)	Toxaphene-3	6.229	7.097	826217	1163.4E6	100.548	10552.913	#
25)	Toxaphene-4	6.268	7.097	363191	1163.4E6	18.858	3654.056	#
26)	Toxaphene-5	6.985	7.653	-880218	6486766	N.D.	48.085	

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

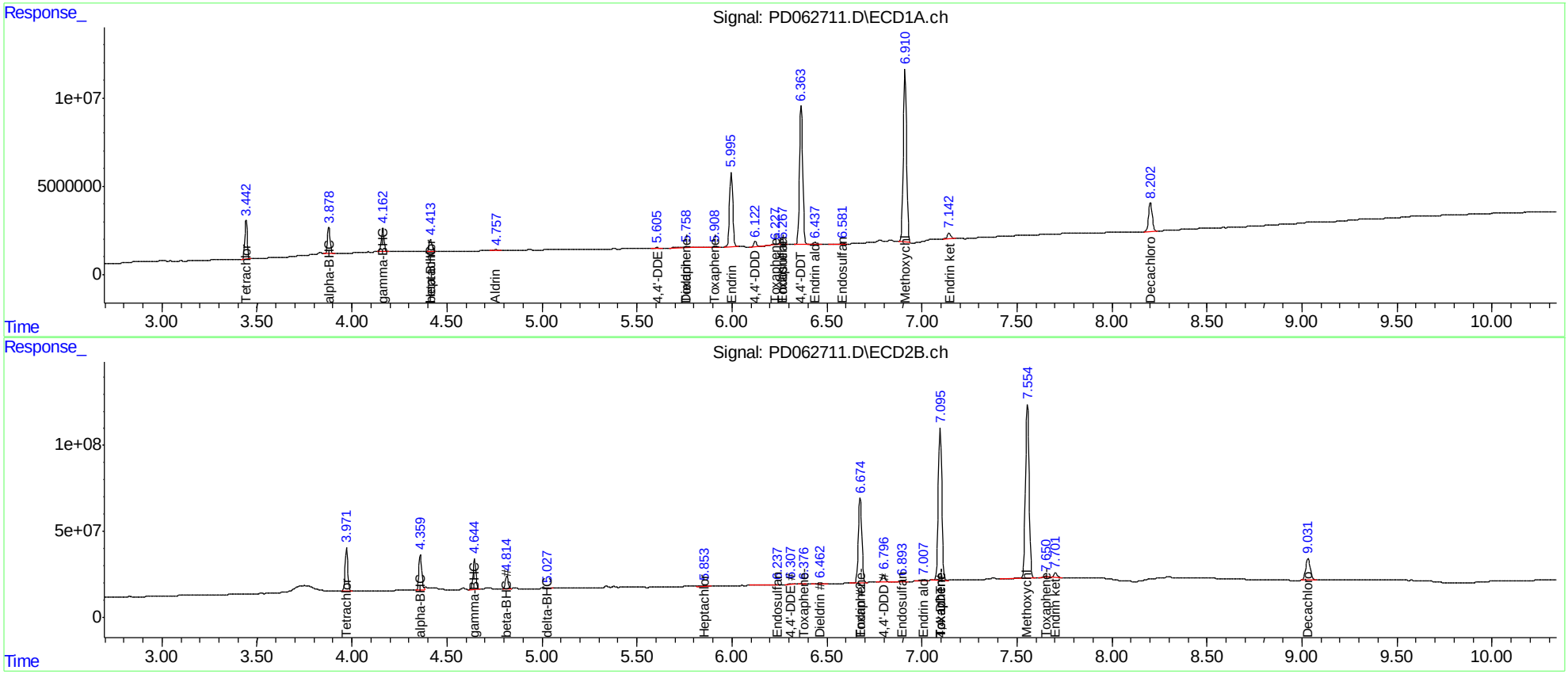
Quantitation Report (Not Reviewed)

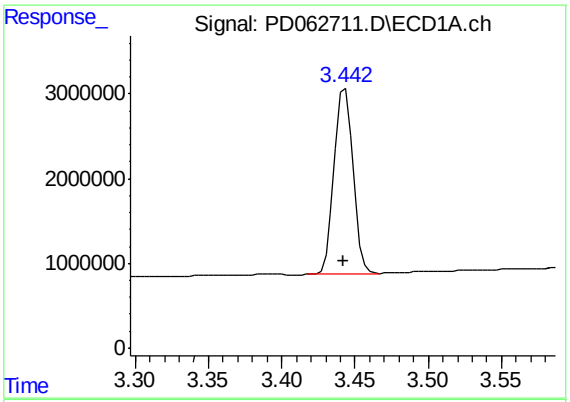
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050521\
Data File : PD062711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2021 09:46
Operator : AR\AJ
Sample : PEM08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM008

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:41:33 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 2021
Response via : Initial Calibration
Integrator: ChemStation

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

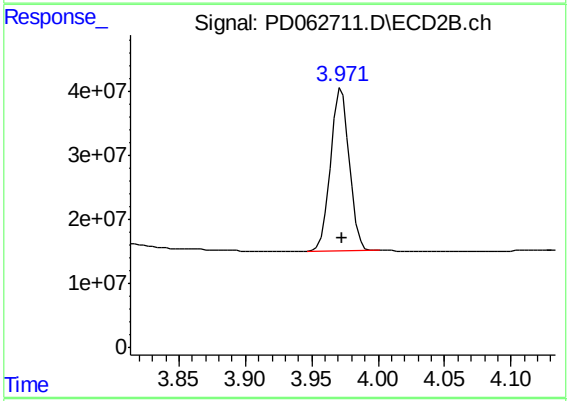




#1 Tetrachloro-m-xylene

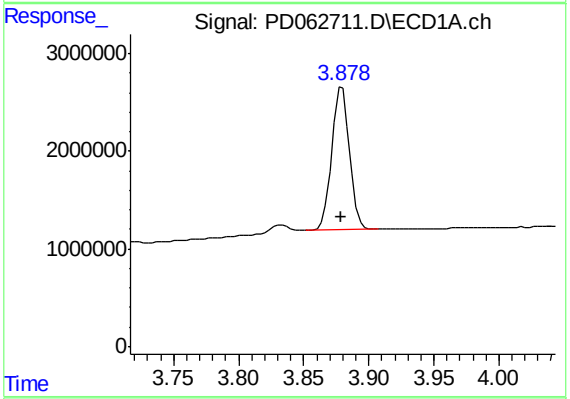
R.T.: 3.443 min
Delta R.T.: 0.001 min
Response: 19495837
Conc: 20.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



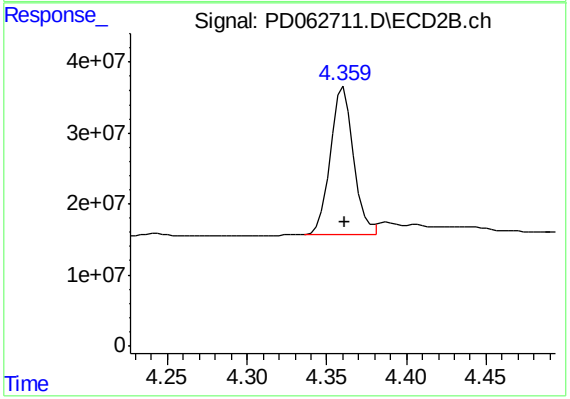
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 253822430
Conc: 20.90 ng/ml



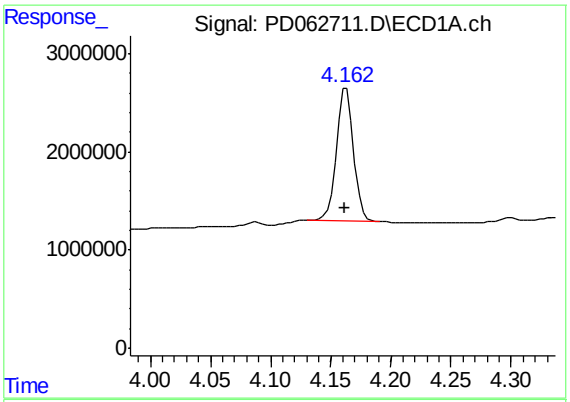
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.001 min
Response: 13878346
Conc: 9.91 ng/ml



#2 alpha-BHC

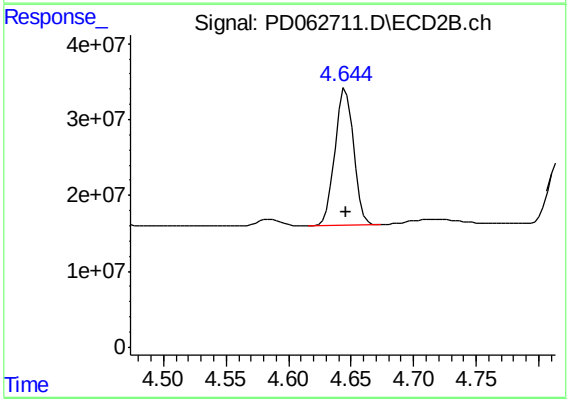
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 212853249
Conc: 11.26 ng/ml



#3 gamma-BHC (Lindane)

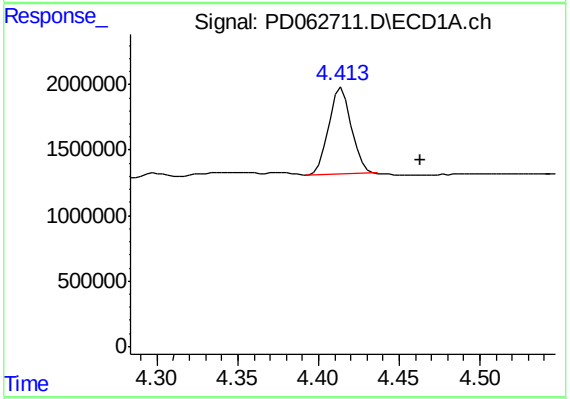
R.T.: 4.163 min
Delta R.T.: 0.002 min
Response: 13385518
Conc: 10.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



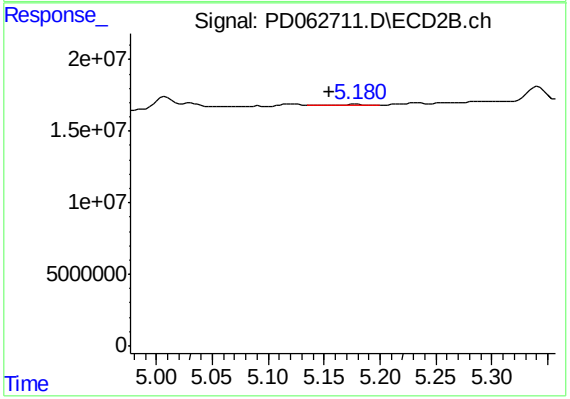
#3 gamma-BHC (Lindane)

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 188478871
Conc: 10.91 ng/ml



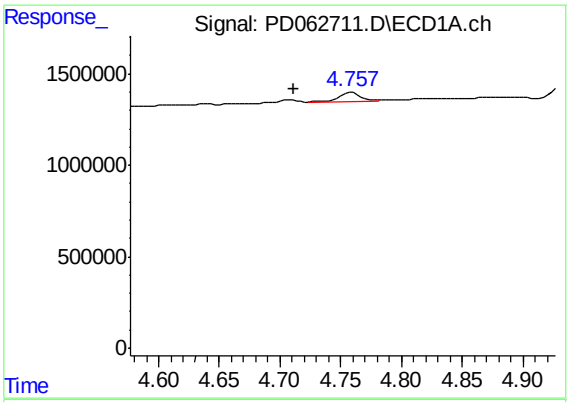
#4 Heptachlor

R.T.: 4.414 min
Delta R.T.: -0.049 min
Response: 6444637
Conc: 5.02 ng/ml



#4 Heptachlor

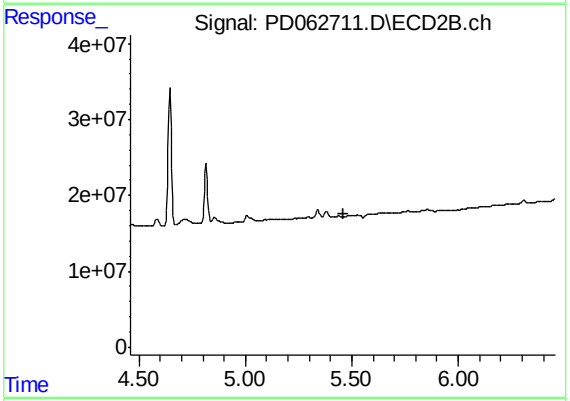
R.T.: 5.181 min
Delta R.T.: 0.026 min
Response: 301434
Conc: N.D.



#5 Aldrin

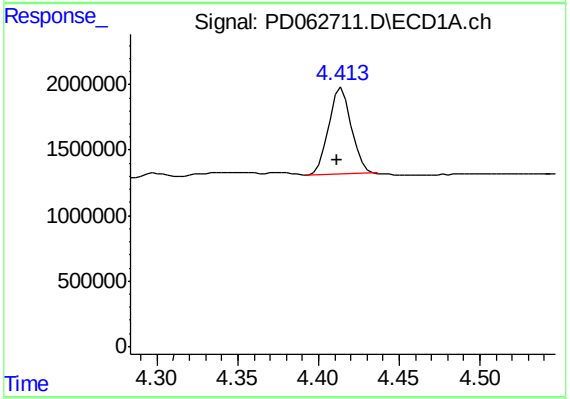
R.T.: 4.759 min
Delta R.T.: 0.048 min
Response: 687209
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



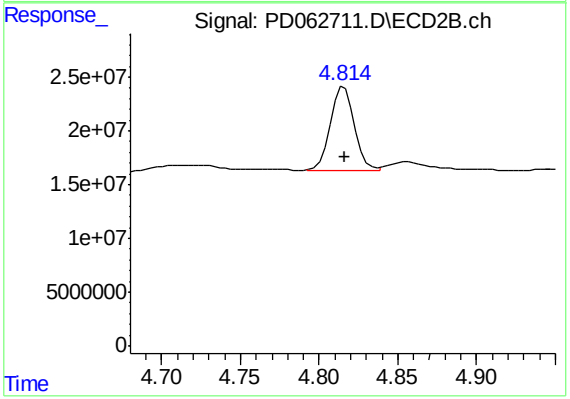
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.459 min
Response: 0
Conc: N.D.



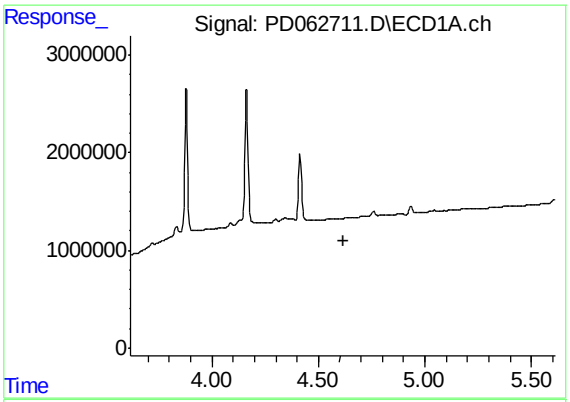
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.002 min
Response: 6444637
Conc: 10.38 ng/ml



#6 beta-BHC

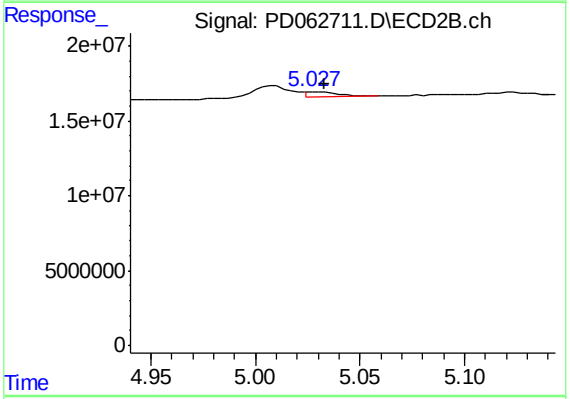
R.T.: 4.816 min
Delta R.T.: 0.000 min
Response: 82389987
Conc: 10.79 ng/ml



#7 delta-BHC

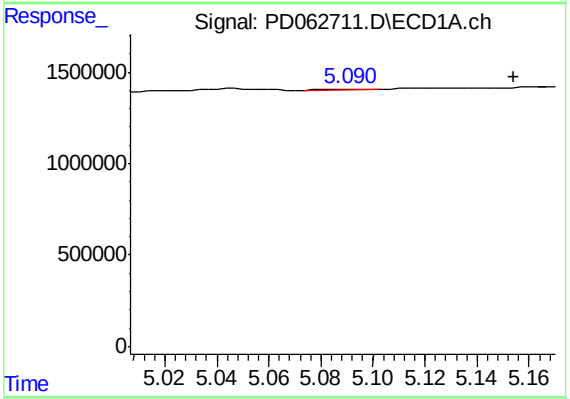
R.T.: 0.000 min
Exp R.T. : 4.616 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM008



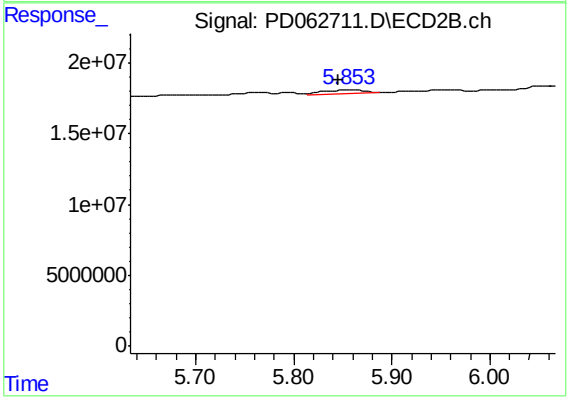
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 4214714
Conc: 0.23 ng/ml



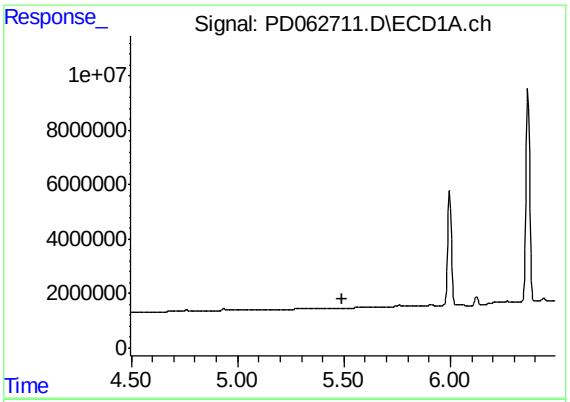
#8 Heptachlor epoxide

R.T.: 5.094 min
Delta R.T.: -0.060 min
Response: 25051
Conc: N.D.



#8 Heptachlor epoxide

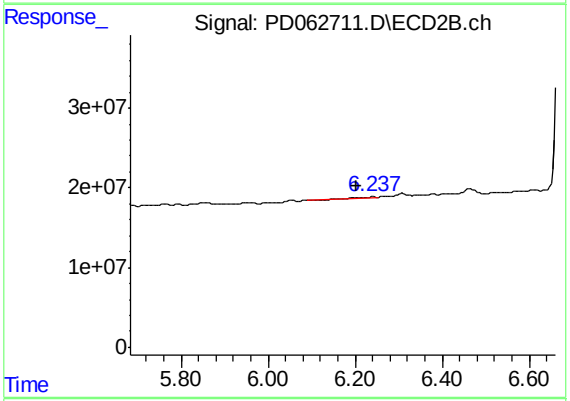
R.T.: 5.855 min
Delta R.T.: 0.009 min
Response: 8436097
Conc: 0.53 ng/ml



#9 Endosulfan I

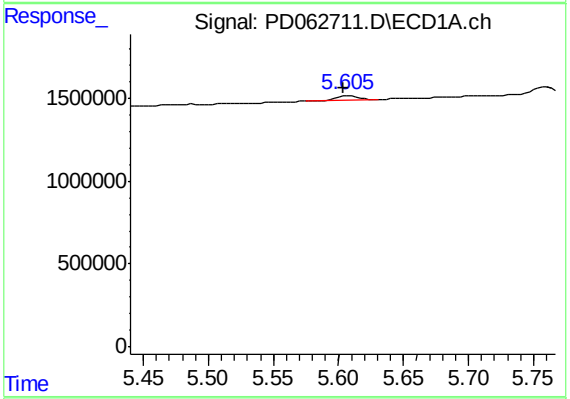
R.T.: 0.000 min
Exp R.T. : 5.494 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM008



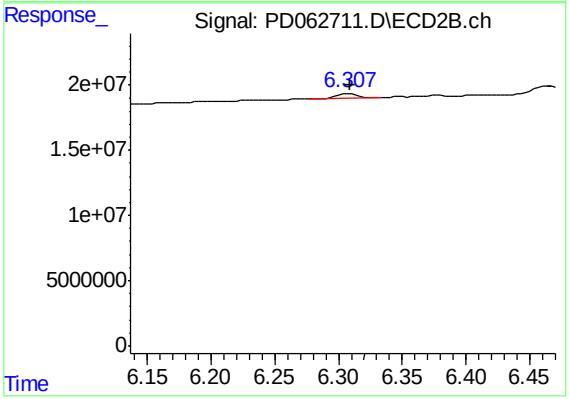
#9 Endosulfan I

R.T.: 6.240 min
Delta R.T.: 0.038 min
Response: 2855589
Conc: 0.19 ng/ml



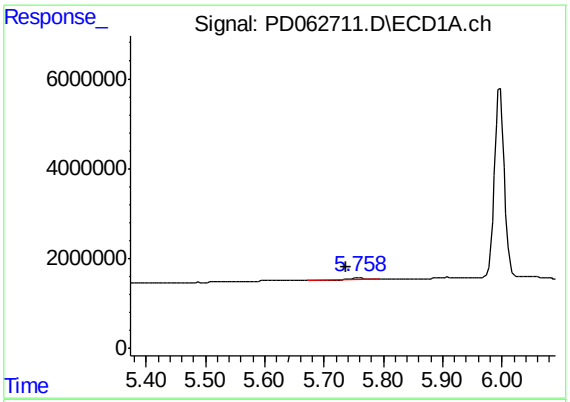
#12 4,4'-DDE

R.T.: 5.607 min
Delta R.T.: 0.003 min
Response: 303960
Conc: 0.25 ng/ml



#12 4,4'-DDE

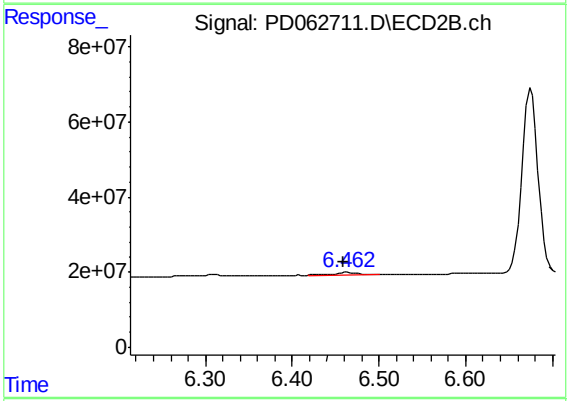
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3949374
Conc: 0.25 ng/ml



#13 Dieldrin

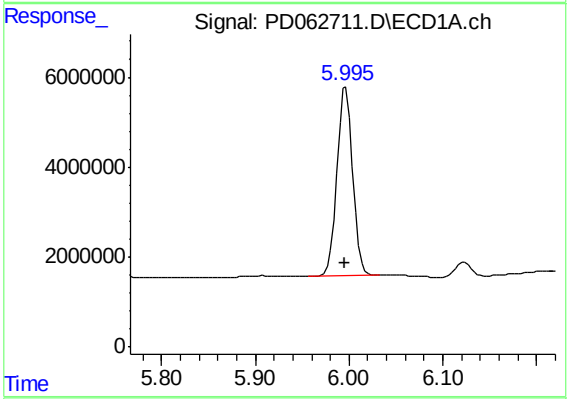
R.T.: 5.759 min
Delta R.T.: 0.022 min
Response: 779739
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



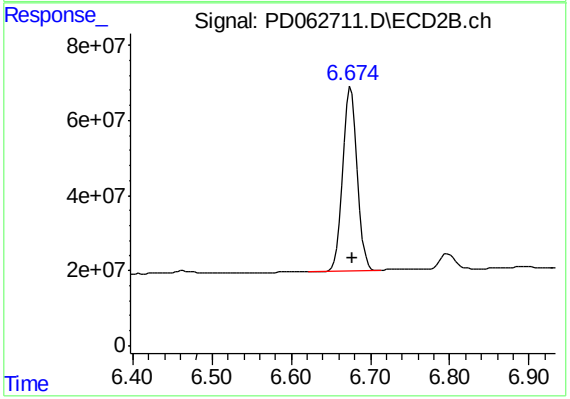
#13 Dieldrin

R.T.: 6.464 min
Delta R.T.: 0.005 min
Response: 11195931
Conc: 0.72 ng/ml



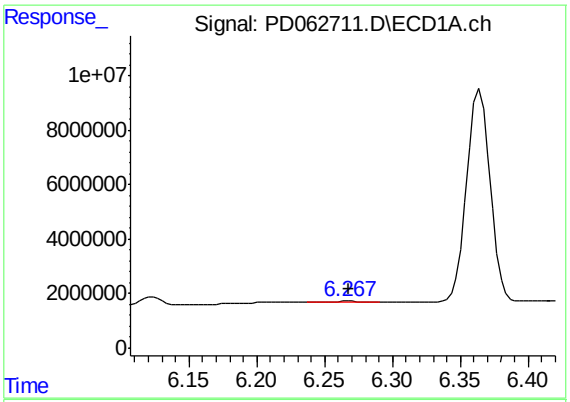
#14 Endrin

R.T.: 5.997 min
Delta R.T.: 0.002 min
Response: 49452118
Conc: 46.74 ng/ml



#14 Endrin

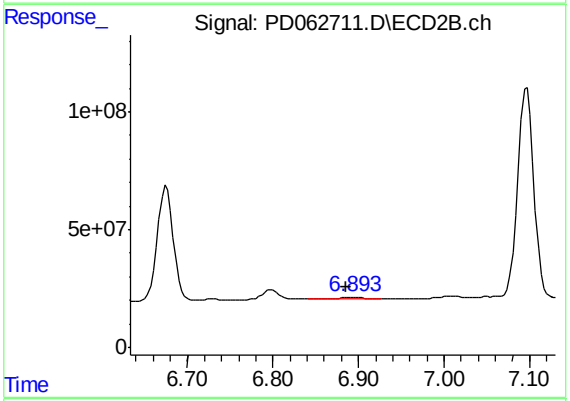
R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 631377034
Conc: 50.63 ng/ml



#15 Endosulfan II

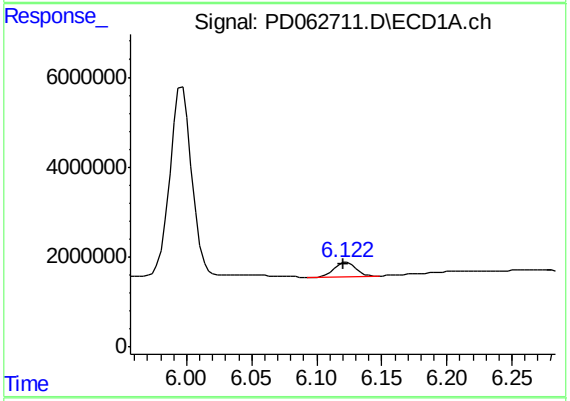
R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 363191
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



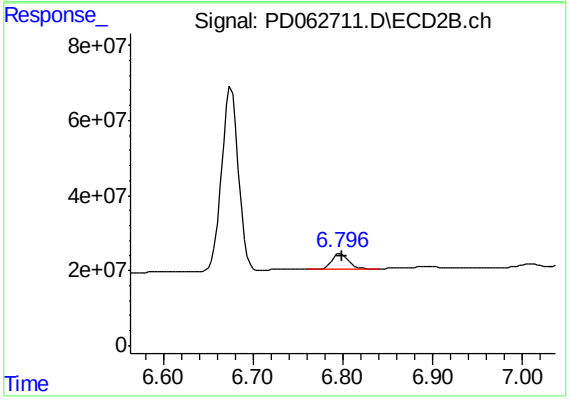
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.009 min
Response: 10920087
Conc: 0.87 ng/ml



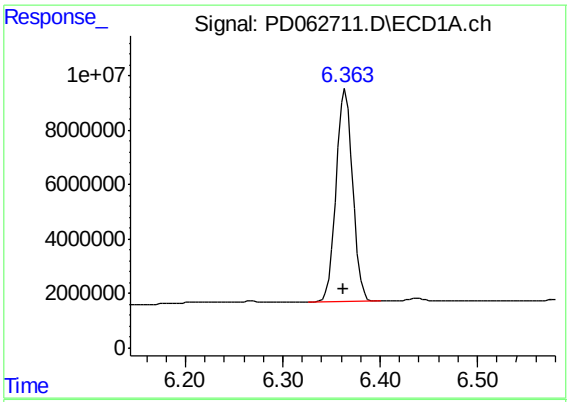
#16 4,4'-DDD

R.T.: 6.123 min
Delta R.T.: 0.002 min
Response: 3317804
Conc: 3.33 ng/ml



#16 4,4'-DDD

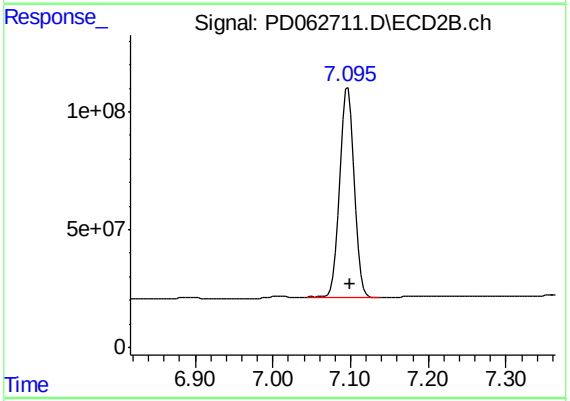
R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 52630019
Conc: 4.23 ng/ml



#17 4,4'-DDT

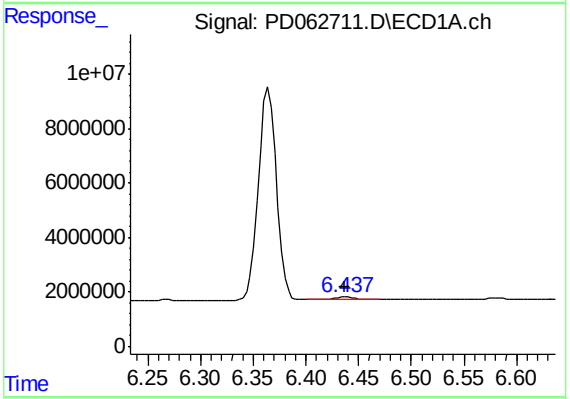
R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 92952933
Conc: 99.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



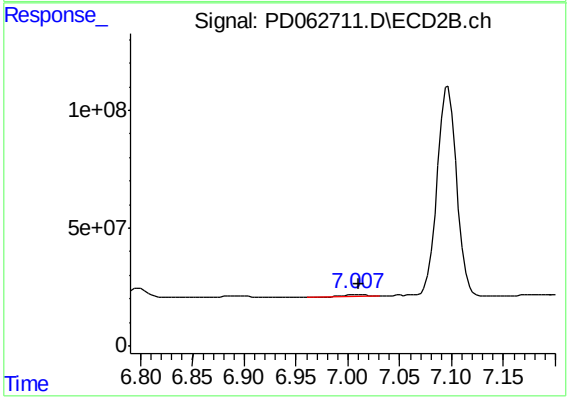
#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 1163409257
Conc: 97.99 ng/ml



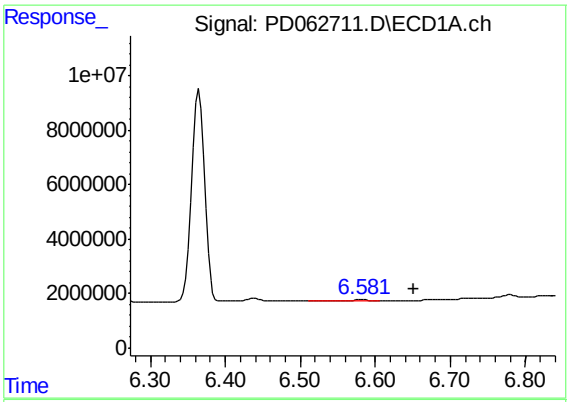
#18 Endrin aldehyde

R.T.: 6.439 min
Delta R.T.: 0.001 min
Response: 1220953
Conc: 1.37 ng/ml



#18 Endrin aldehyde

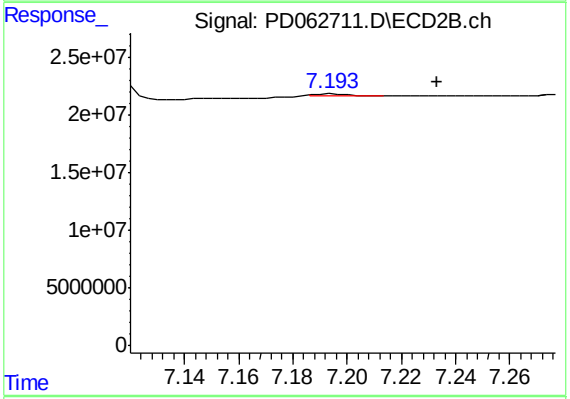
R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 9577014
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

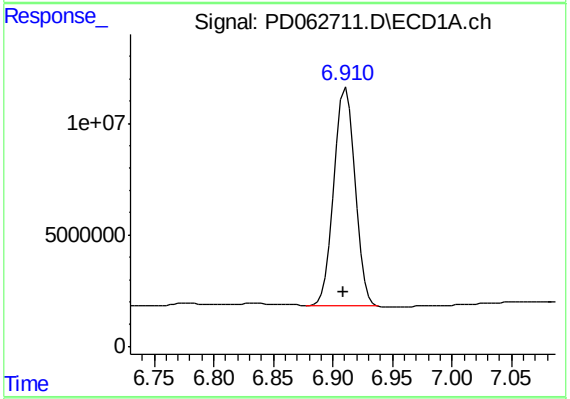
R.T.: 6.583 min
Delta R.T.: -0.069 min
Response: 567128
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



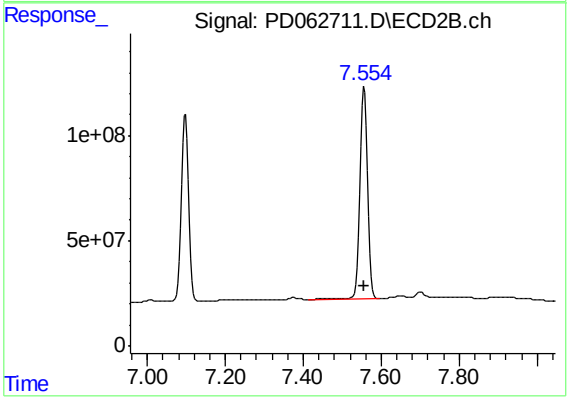
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.039 min
Response: 994890
Conc: N.D.



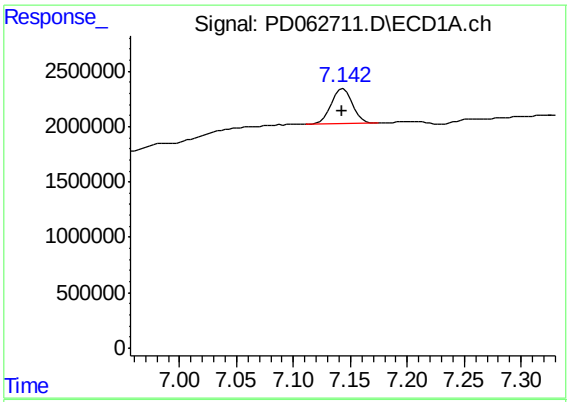
#20 Methoxychlor

R.T.: 6.911 min
Delta R.T.: 0.002 min
Response: 119397226
Conc: 223.77 ng/ml



#20 Methoxychlor

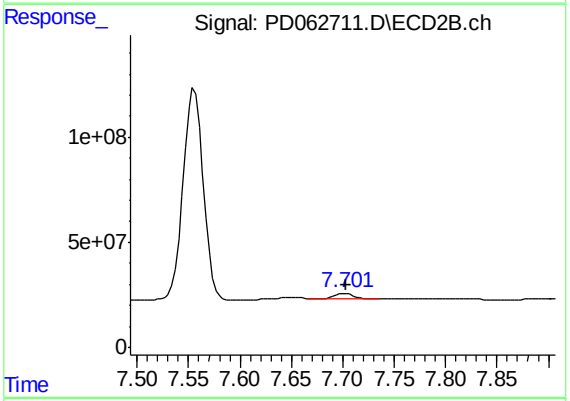
R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 1379610718
Conc: 243.40 ng/ml



#21 Endrin ketone

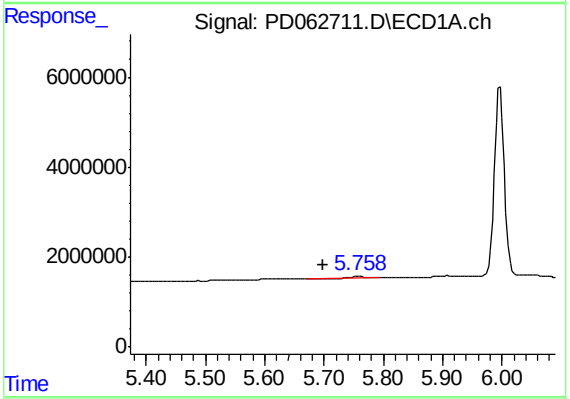
R.T.: 7.144 min
Delta R.T.: 0.001 min
Response: 4076683
Conc: 3.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



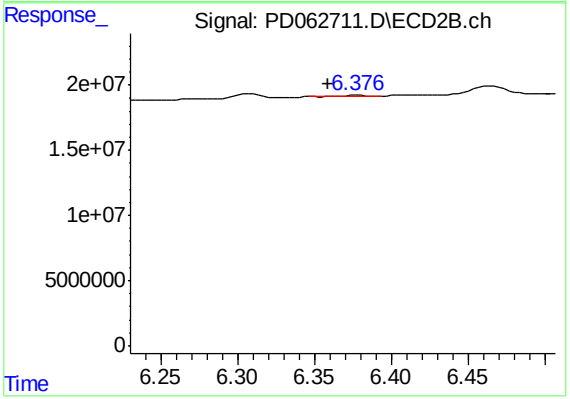
#21 Endrin ketone

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 29159799
Conc: 2.37 ng/ml



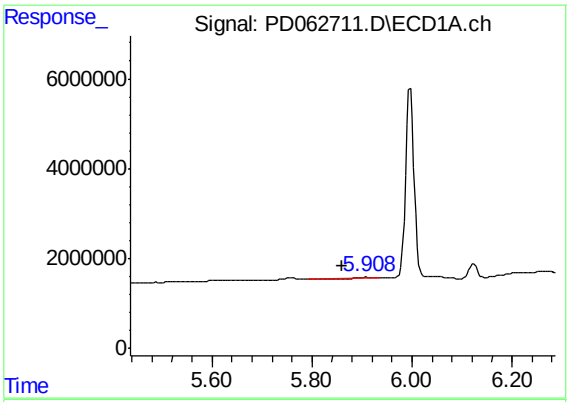
#22 Toxaphene-1

R.T.: 5.759 min
Delta R.T.: 0.061 min
Response: 779739
Conc: 104.60 ng/ml



#22 Toxaphene-1

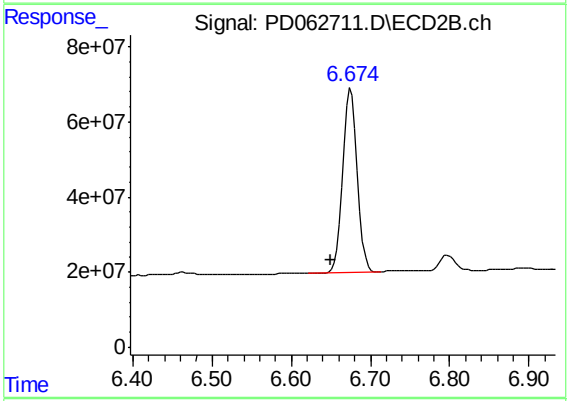
R.T.: 6.378 min
Delta R.T.: 0.019 min
Response: 249752
Conc: 3.76 ng/ml



#23 Toxaphene-2

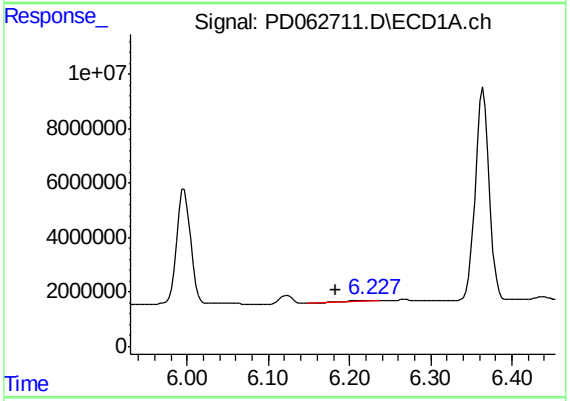
R.T.: 5.910 min
Delta R.T.: 0.049 min
Response: 266469
Conc: 36.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



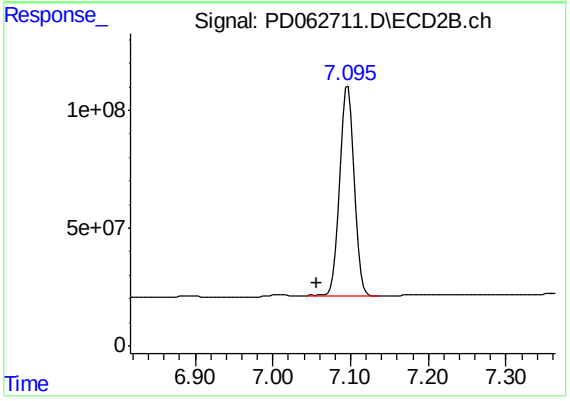
#23 Toxaphene-2

R.T.: 6.675 min
Delta R.T.: 0.026 min
Response: 631377034
Conc: 7581.43 ng/ml



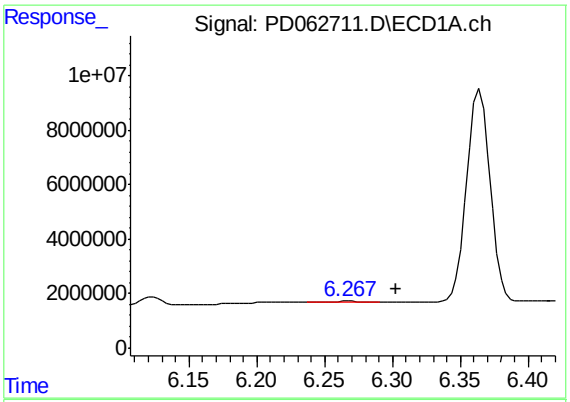
#24 Toxaphene-3

R.T.: 6.229 min
Delta R.T.: 0.046 min
Response: 826217
Conc: 100.55 ng/ml



#24 Toxaphene-3

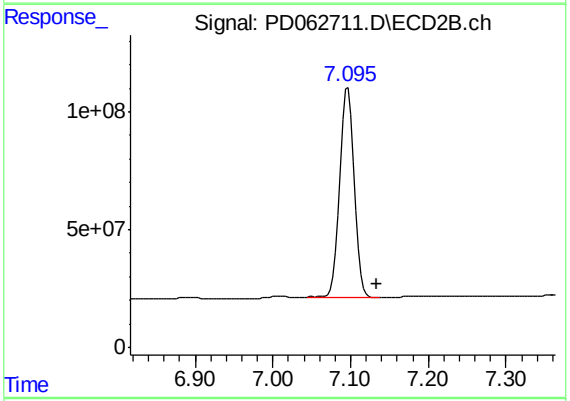
R.T.: 7.097 min
Delta R.T.: 0.041 min
Response: 1163409257
Conc: 10552.91 ng/ml



#25 Toxaphene-4

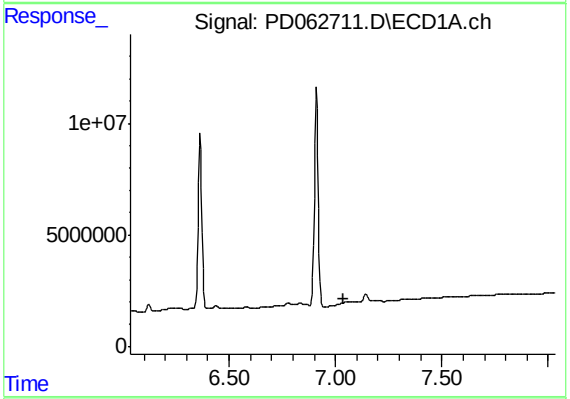
R.T.: 6.268 min
Delta R.T.: -0.034 min
Response: 363191
Conc: 18.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



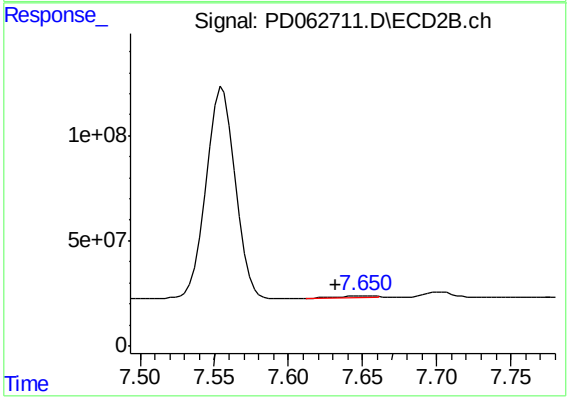
#25 Toxaphene-4

R.T.: 7.097 min
Delta R.T.: -0.036 min
Response: 1163409257
Conc: 3654.06 ng/ml



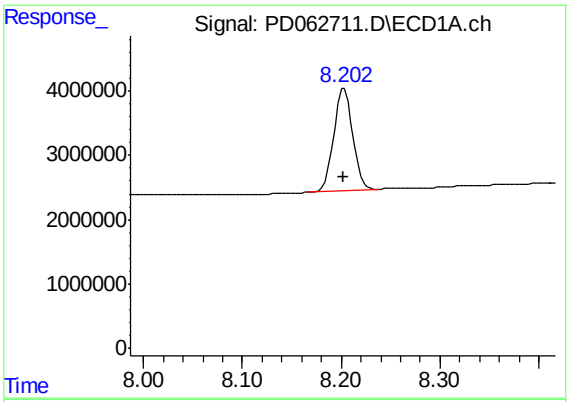
#26 Toxaphene-5

R.T.: 6.985 min
Delta R.T.: -0.051 min
Response: -880218
Conc: N.D.



#26 Toxaphene-5

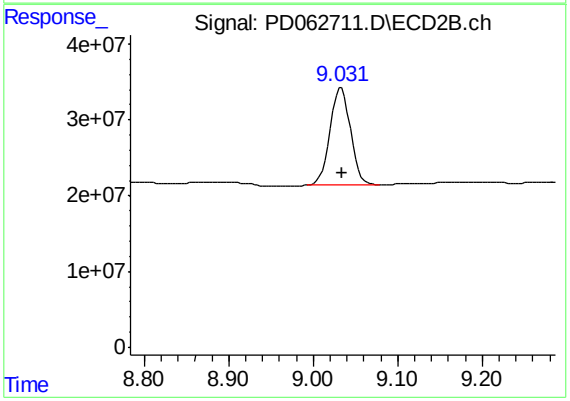
R.T.: 7.653 min
Delta R.T.: 0.020 min
Response: 6486766
Conc: 48.09 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.001 min
Response: 21258753
Conc: 19.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM008



#27 Decachlorobiphenyl

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 216289698
Conc: 19.82 ng/ml