Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032024\
Data File : PD082198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2024 08:51
Operator : AR\AJ
Sample : PEM030
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM147

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:08:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031824CLP.M
Quant Title : GC Extractables
QLast Update : Tue Mar 19 05:34:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.568	2.777	29227426	45386988	20.016	20.741	
27)	SA Decachlor...	9.124	7.913	38929644	42893424	21.679	22.920	
	Target Compounds							
2)	A alpha-BHC	4.025	3.277	23833556	31814935	9.778	10.226	
3)	MA gamma-BHC...	4.359	3.606	23487136	29118970	10.007	10.207	
4)	MA Heptachlor	0.000	3.901f	0	14153404	N.D.	5.376	
5)	MB Aldrin	0.000	4.234	0	1532190	N.D.	0.555	
6)	B beta-BHC	4.554	3.901	10763270	14153404	10.069	10.476	
7)	B delta-BHC	0.000	4.127	0	413091	N.D.	0.141	
9)	A Endosulfan I	0.000	5.084	0	1073248	N.D.	0.480	
10)	B trans-Chl...	0.000	4.954	0	22762	N.D.	<MDL	
11)	B cis-Chlor...	0.000	5.022	0	320644	N.D.	0.125	
12)	B 4,4'-DDE	0.000	5.231	0	2038921	N.D.	0.878	
13)	MA Dieldrin	0.000	5.415f	0	51882	N.D.	<MDL	
14)	MA Endrin	6.618	5.636	77031011	99062322	46.226	49.693	
15)	B Endosulfa...	0.000	5.946	0	686509	N.D.	0.321	
16)	A 4,4'-DDD	6.750	5.783	3105968	4206473	2.097	2.303	
17)	MA 4,4'-DDT	7.065	6.034	150.7E6	203.1E6	100.923	109.895	
18)	B Endrin al...	6.967	6.110	3682682	5457287	2.712	3.393	#
19)	B Endosulfa...	0.000	6.324	0	147454	N.D.	<MDL	
20)	A Methoxychlor	7.541	6.610	188.6E6	251.3E6	243.488	255.811	
21)	B Endrin ke...	7.689	6.837	6478794	10627436	3.730	4.667	#
22)	Toxaphene-1	0.000	5.002	0	367453	N.D.	29.924	
23)	Toxaphene-2	0.000	5.276f	0	2485709	N.D.	200.194	
24)	Toxaphene-3	7.065f	6.610	150.7E6	251.3E6	3101.129	5685.093	#
25)	Toxaphene-4	0.000	6.724	0	40488	N.D.	0.663	
26)	Toxaphene-5	7.636	0.000	1217796	0	47.750	N.D.	#

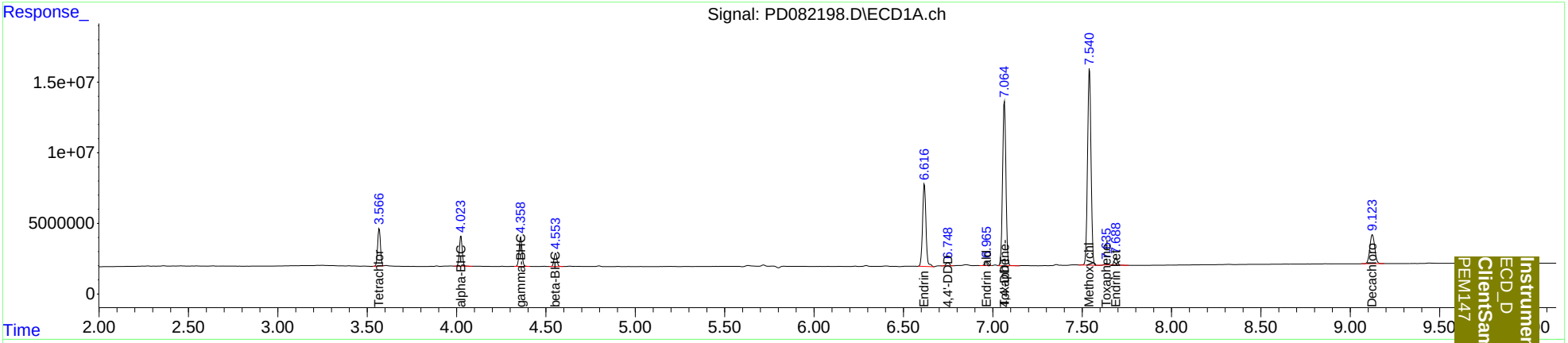
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

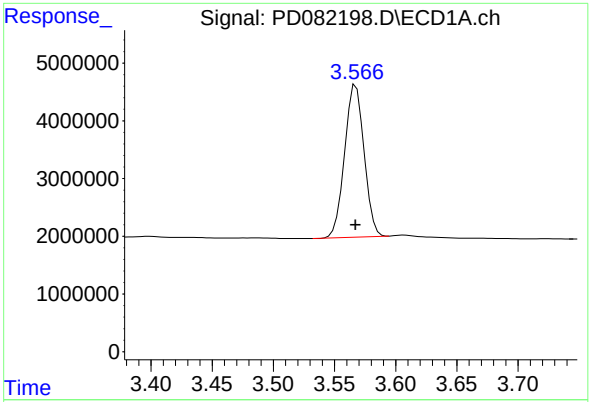
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032024\
Data File : PD082198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2024 08:51
Operator : AR\AJ
Sample : PEM030
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:08:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031824CLP.M
Quant Title : GC Extractables
QLast Update : Tue Mar 19 05:34:33 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

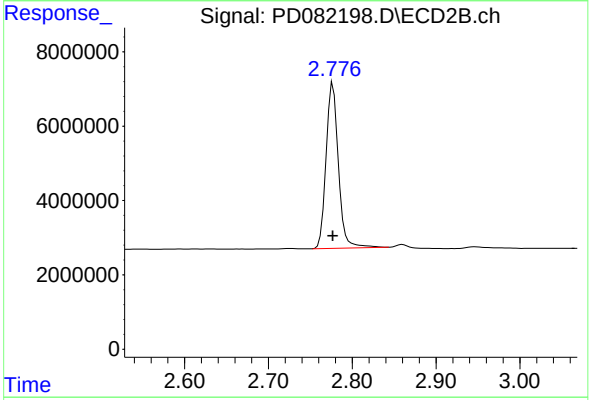




#1 Tetrachloro-m-xylene

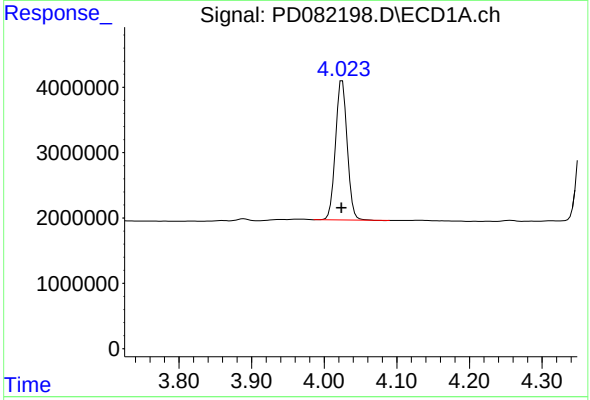
R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 29227426
Conc: 20.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



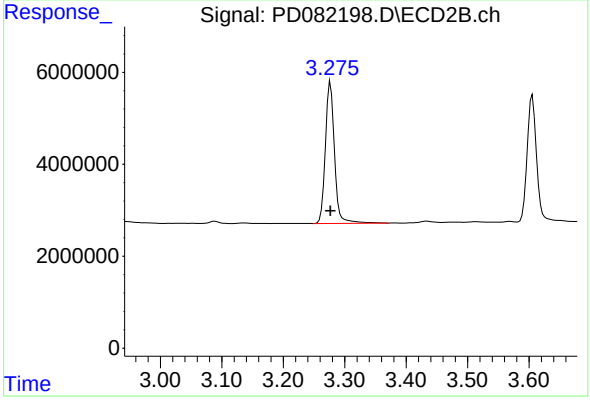
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 45386988
Conc: 20.74 ng/ml



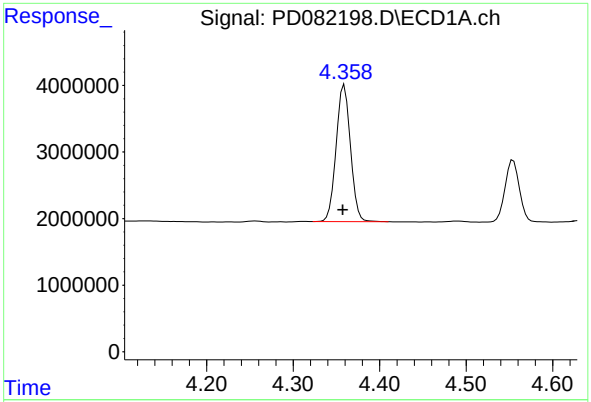
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 23833556
Conc: 9.78 ng/ml



#2 alpha-BHC

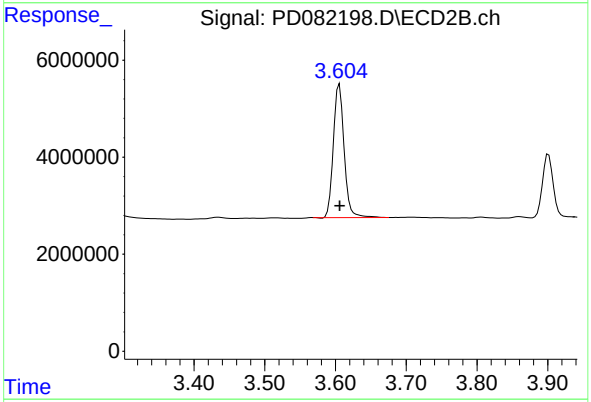
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 31814935
Conc: 10.23 ng/ml



#3 gamma-BHC (Lindane)

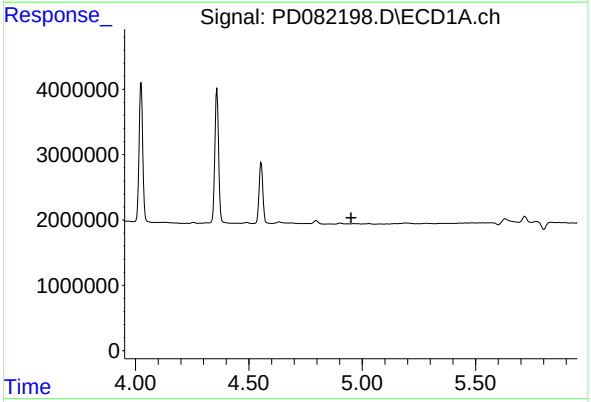
R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 23487136
Conc: 10.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



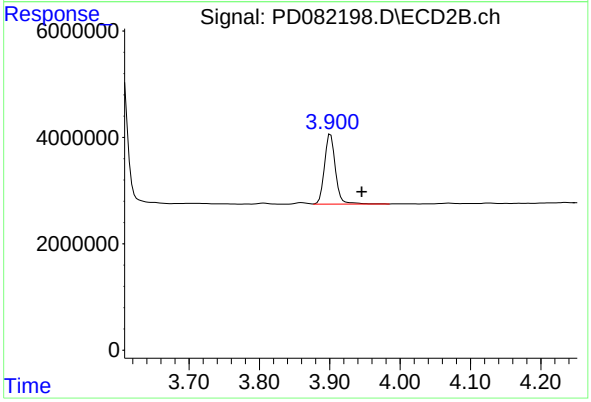
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 29118970
Conc: 10.21 ng/ml



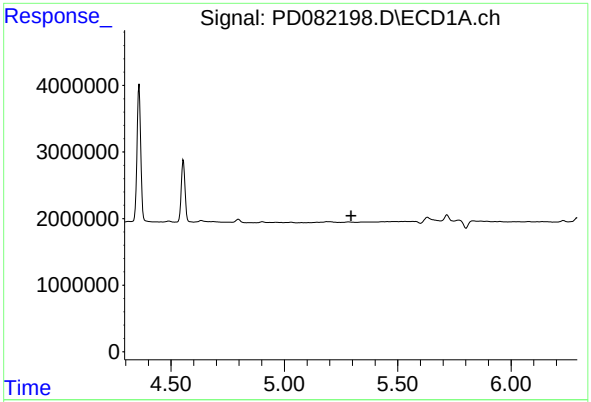
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.951 min
Response: 0
Conc: N.D.



#4 Heptachlor

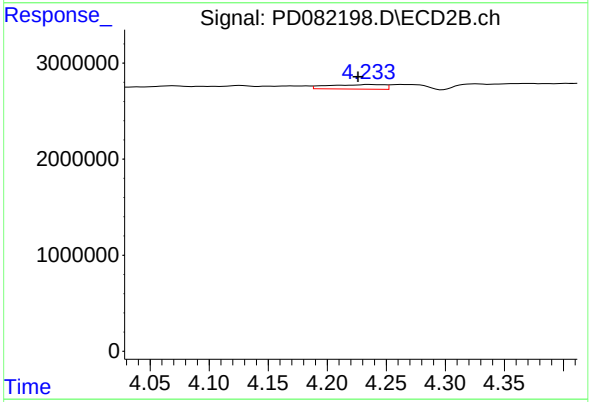
R.T.: 3.901 min
Delta R.T.: -0.044 min
Response: 14153404
Conc: 5.38 ng/ml



#5 Aldrin

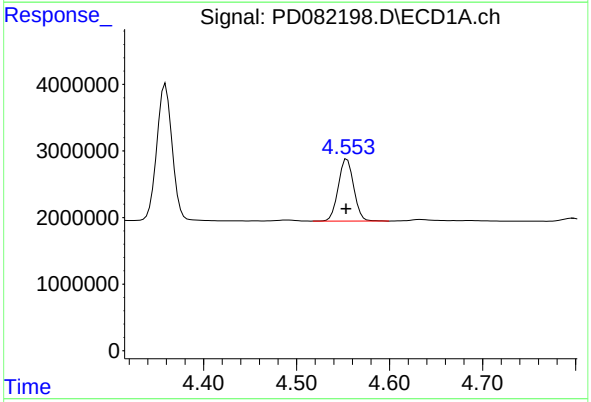
R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM147



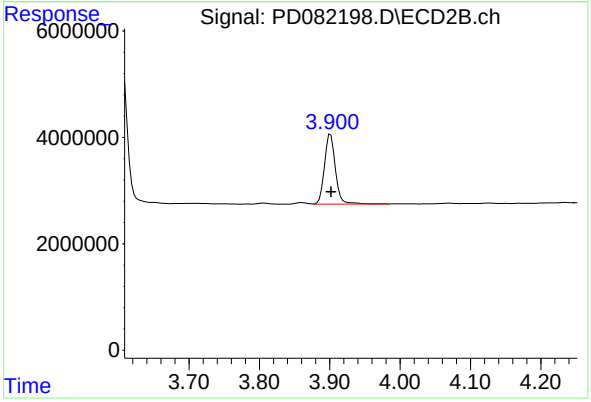
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: 0.008 min
Response: 1532190
Conc: 0.56 ng/ml



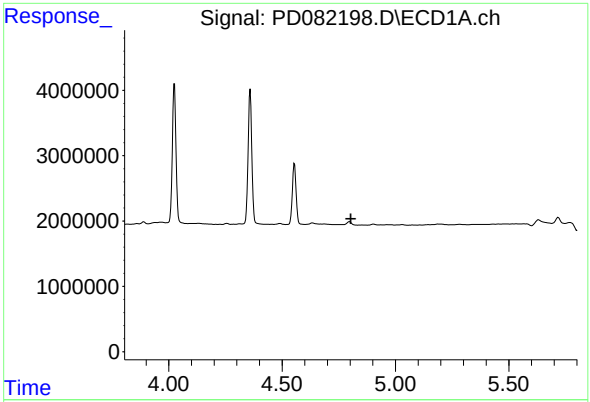
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.001 min
Response: 10763270
Conc: 10.07 ng/ml



#6 beta-BHC

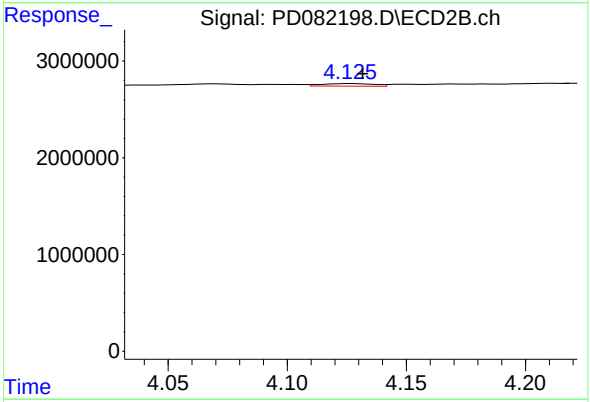
R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 14153404
Conc: 10.48 ng/ml



#7 delta-BHC

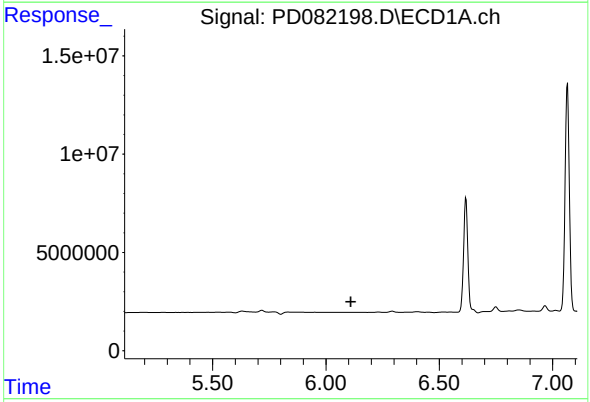
R.T.: 0.000 min
Exp R.T. : 4.803 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM147



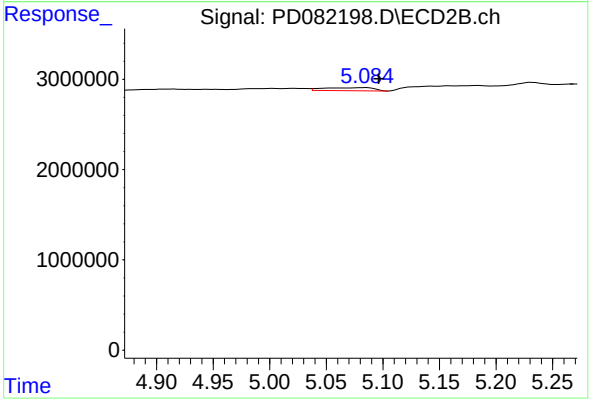
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.005 min
Response: 413091
Conc: 0.14 ng/ml



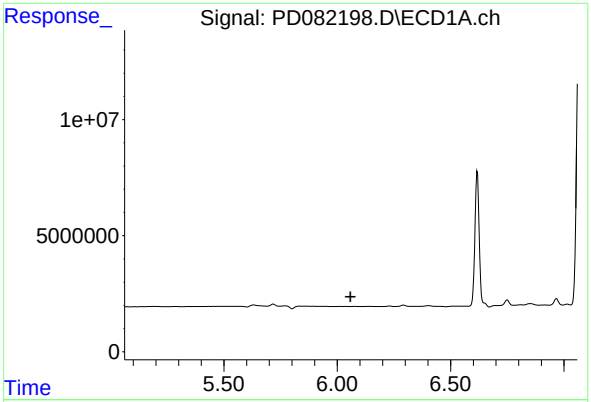
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.109 min
Response: 0
Conc: N.D.



#9 Endosulfan I

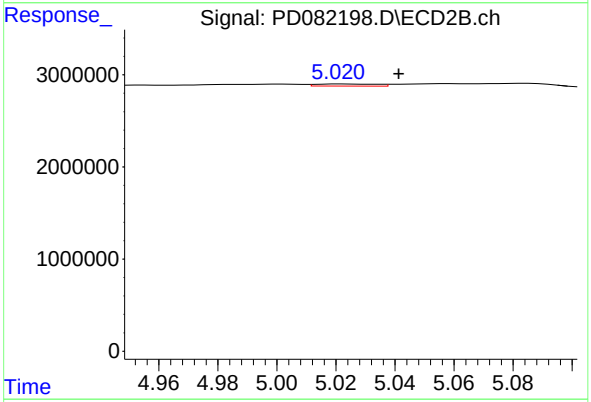
R.T.: 5.084 min
Delta R.T.: -0.012 min
Response: 1073248
Conc: 0.48 ng/ml



#11 cis-Chlordane

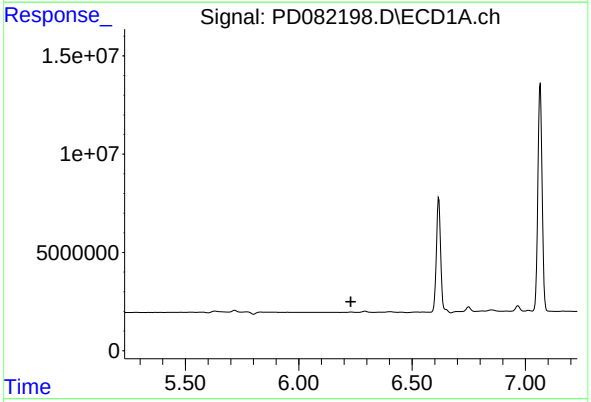
R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM147



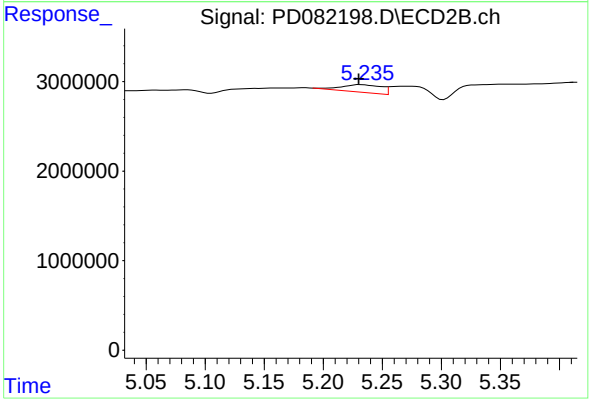
#11 cis-Chlordane

R.T.: 5.022 min
Delta R.T.: -0.020 min
Response: 320644
Conc: 0.13 ng/ml



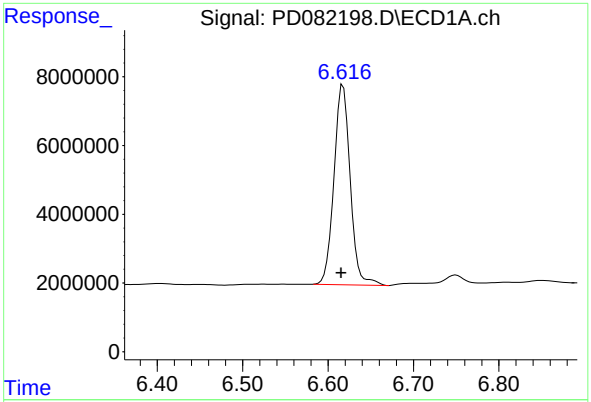
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

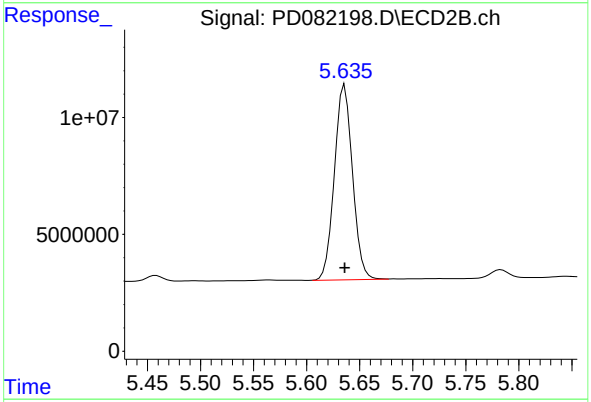
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2038921
Conc: 0.88 ng/ml



#14 Endrin

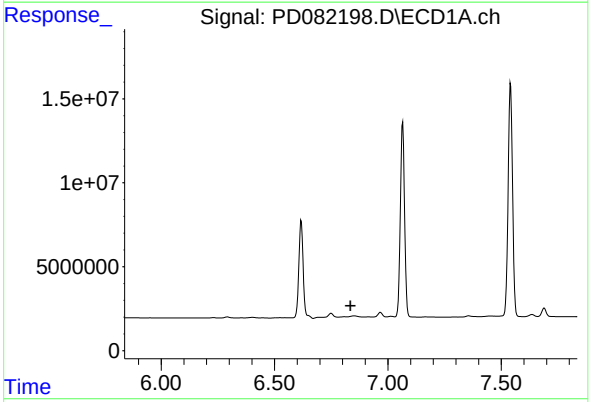
R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 77031011
Conc: 46.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



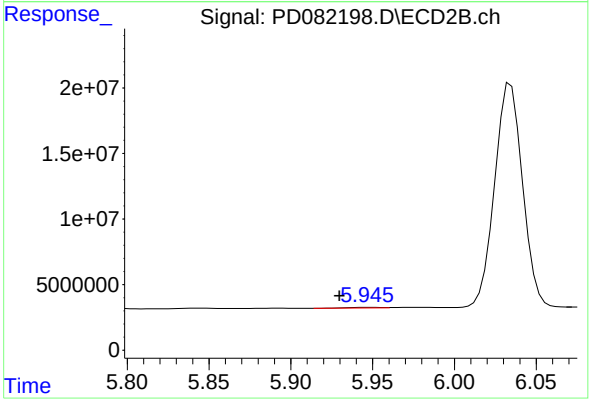
#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 99062322
Conc: 49.69 ng/ml



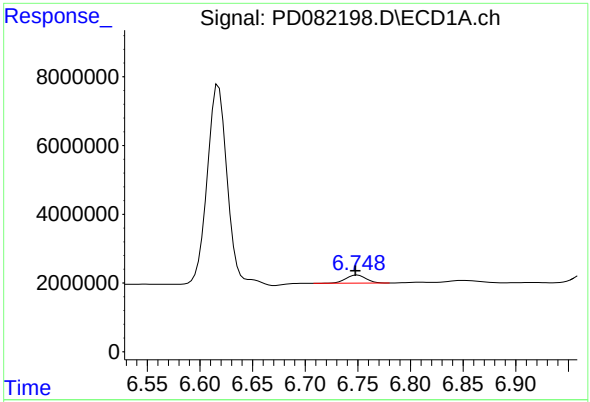
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.835 min
Response: 0
Conc: N.D.



#15 Endosulfan II

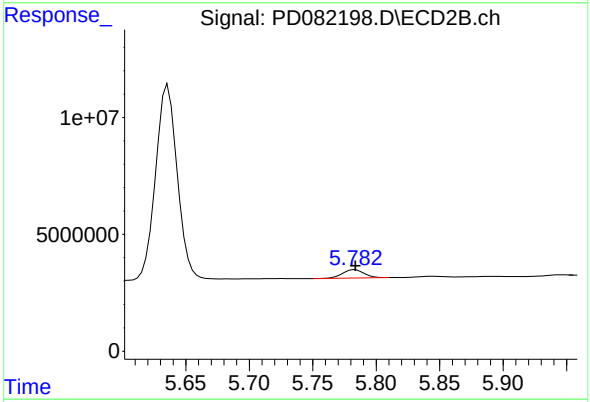
R.T.: 5.946 min
Delta R.T.: 0.017 min
Response: 686509
Conc: 0.32 ng/ml



#16 4,4'-DDD

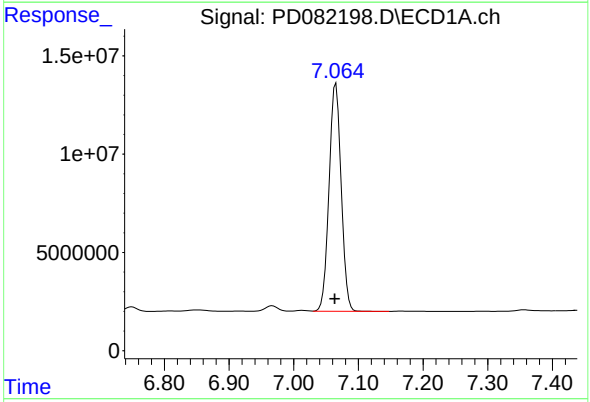
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 3105968
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



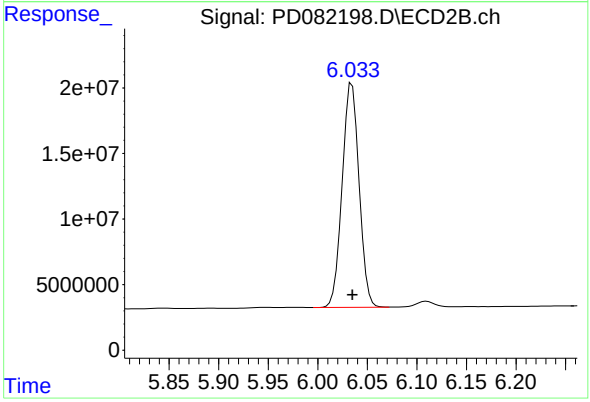
#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 4206473
Conc: 2.30 ng/ml



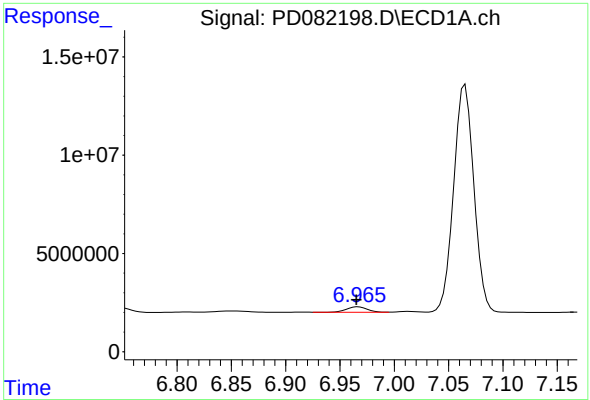
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.002 min
Response: 150689211
Conc: 100.92 ng/ml



#17 4,4'-DDT

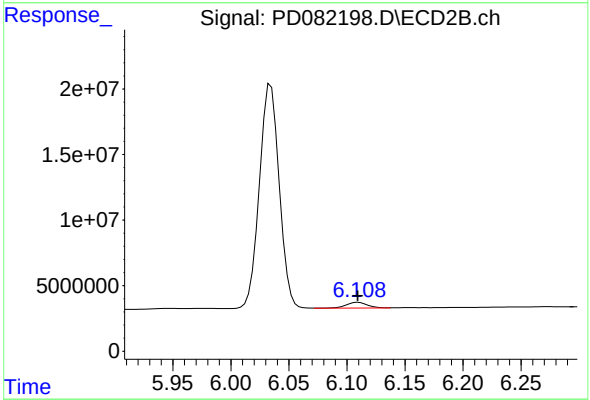
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 203127860
Conc: 109.89 ng/ml



#18 Endrin aldehyde

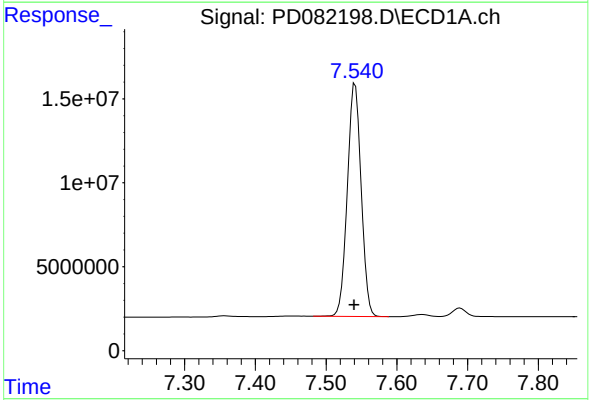
R.T.: 6.967 min
Delta R.T.: 0.002 min
Response: 3682682
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



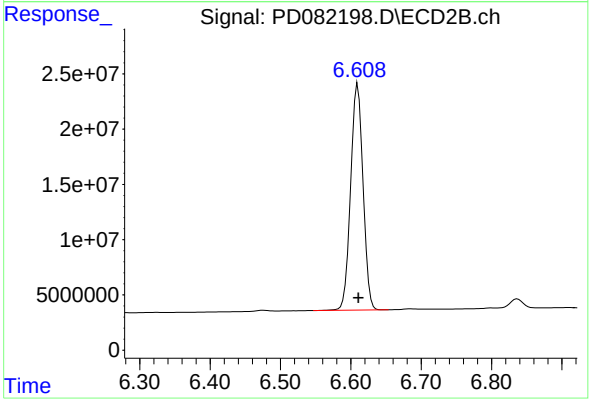
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 5457287
Conc: 3.39 ng/ml



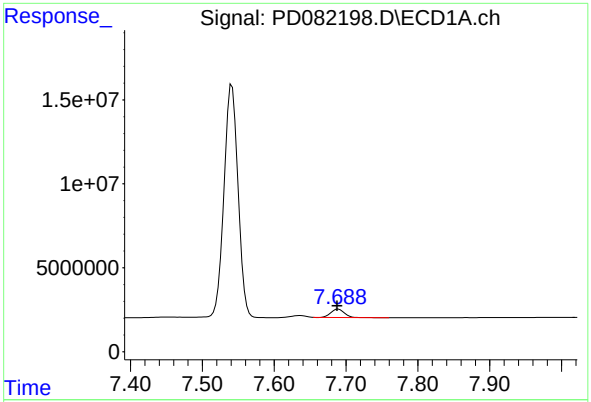
#20 Methoxychlor

R.T.: 7.541 min
Delta R.T.: 0.002 min
Response: 188551523
Conc: 243.49 ng/ml



#20 Methoxychlor

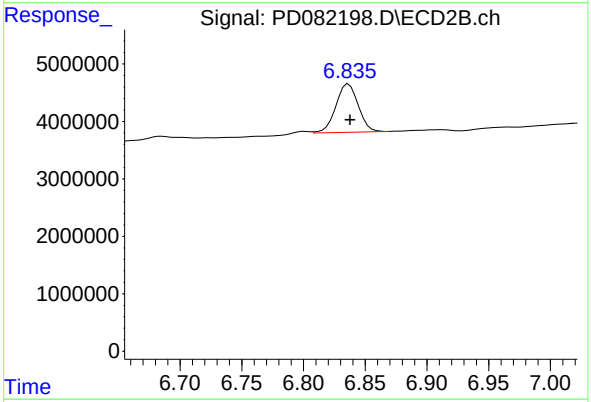
R.T.: 6.610 min
Delta R.T.: -0.001 min
Response: 251306734
Conc: 255.81 ng/ml



#21 Endrin ketone

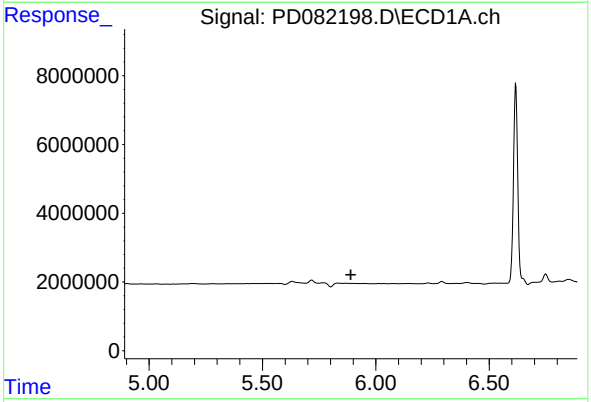
R.T.: 7.689 min
Delta R.T.: 0.002 min
Response: 6478794
Conc: 3.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



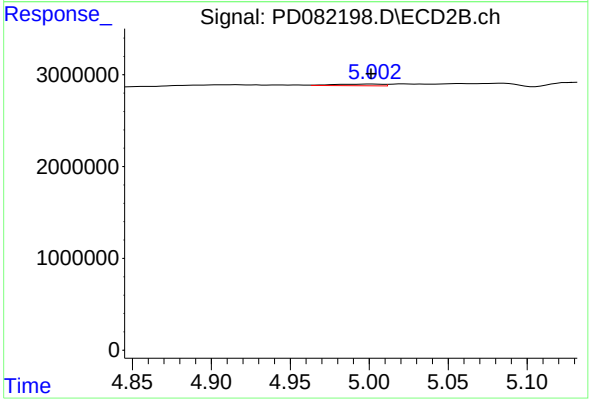
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.001 min
Response: 10627436
Conc: 4.67 ng/ml



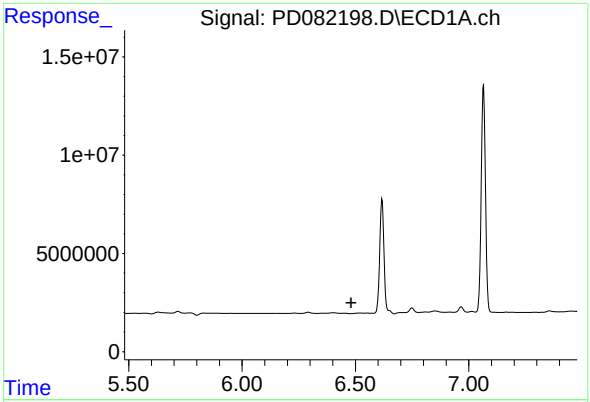
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.890 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

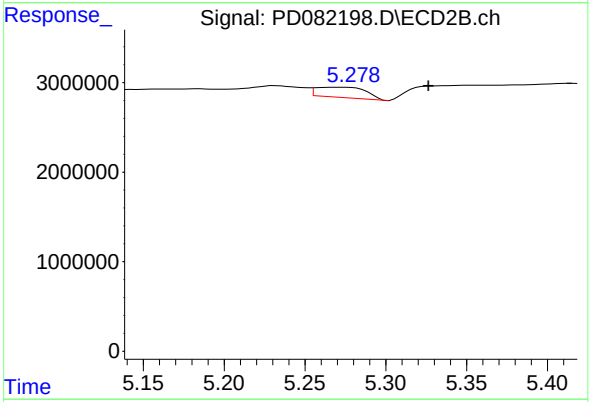
R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 367453
Conc: 29.92 ng/ml



#23 Toxaphene-2

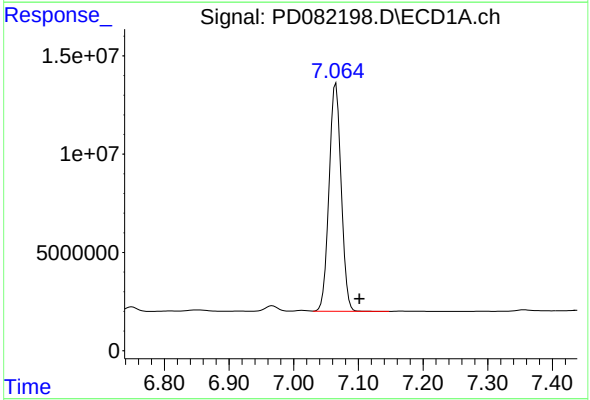
R.T.: 0.000 min
Exp R.T. : 6.481 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM147



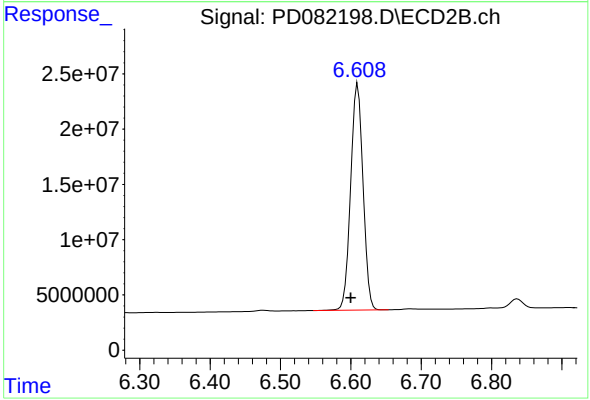
#23 Toxaphene-2

R.T.: 5.276 min
Delta R.T.: -0.050 min
Response: 2485709
Conc: 200.19 ng/ml



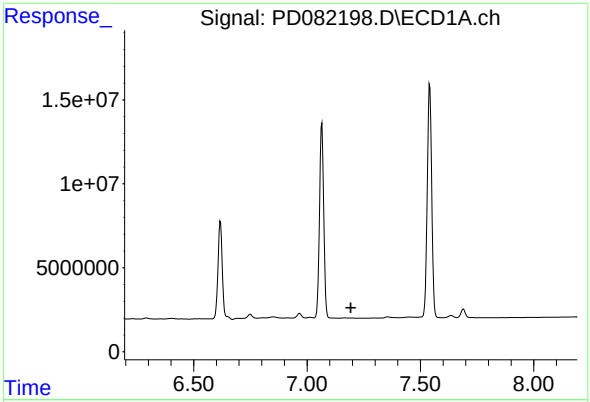
#24 Toxaphene-3

R.T.: 7.065 min
Delta R.T.: -0.036 min
Response: 150689211
Conc: 3101.13 ng/ml



#24 Toxaphene-3

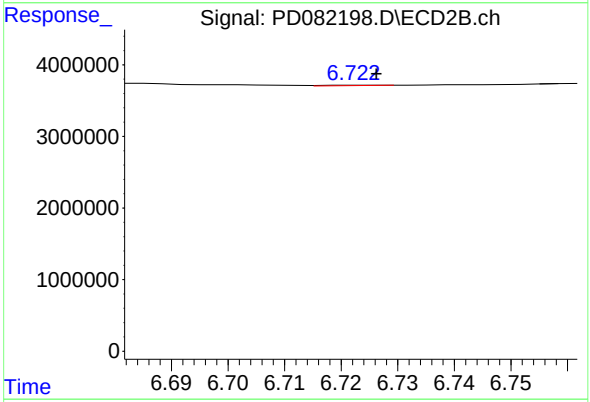
R.T.: 6.610 min
Delta R.T.: 0.010 min
Response: 251306734
Conc: 5685.09 ng/ml



#25 Toxaphene-4

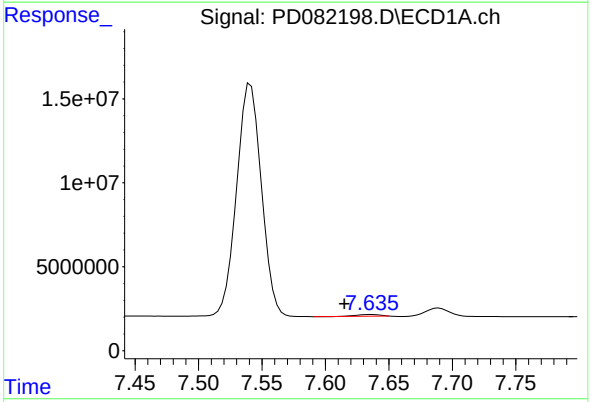
R.T.: 0.000 min
Exp R.T. : 7.193 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM147



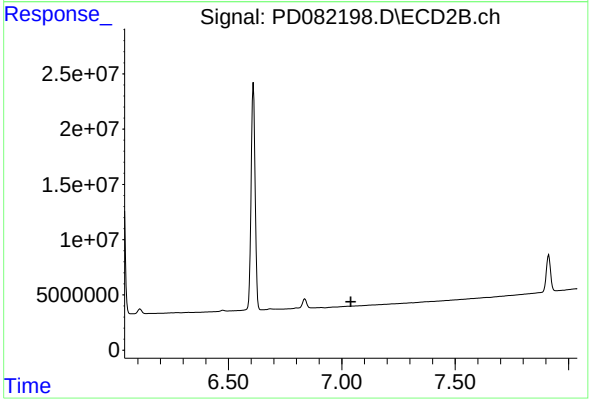
#25 Toxaphene-4

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 40488
Conc: 0.66 ng/ml



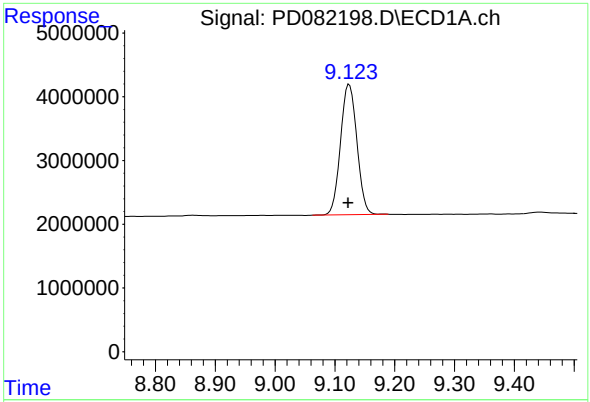
#26 Toxaphene-5

R.T.: 7.636 min
Delta R.T.: 0.021 min
Response: 1217796
Conc: 47.75 ng/ml



#26 Toxaphene-5

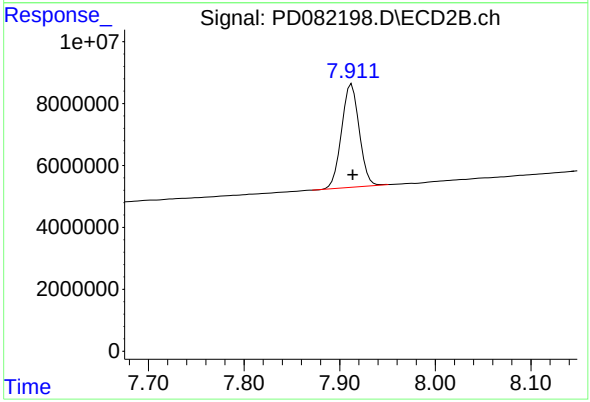
R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.002 min
Response: 38929644
Conc: 21.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM147



#27 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.001 min
Response: 42893424
Conc: 22.92 ng/ml