Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082925\
Data File : PL097001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2025 10:16
Operator : AR\AJ
Sample : PEM106
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM322

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 06:17:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081225CLP.M
Quant Title : GC Extractables
QLast Update : Wed Aug 13 06:38:25 2025
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...	3.529	2.825	60554682	86857698	20.254	19.066	
27)	SA	Decachlor...	9.003	7.985	55580847	92438342	24.892	20.835	
		Target Compounds							
2)	A	alpha-BHC	3.976	3.329	44052078	61525066	9.492	8.888	
3)	MA	gamma-BHC...	4.304	3.661	42653688	58552475	9.718	9.108	
4)	MA	Heptachlor	0.000	4.012	0	696429	N.D.	0.108	
6)	B	beta-BHC	4.491	3.957	20189186	27195025	11.057	9.416	
8)	B	Heptachlo...	5.646	0.000	6601859	0	1.781	N.D.	#
9)	A	Endosulfan I	0.000	5.212f	0	667706	N.D.	0.128	
12)	B	4,4'-DDE	6.160	5.300	1665527	1804606	0.536	0.331	#
14)	MA	Endrin	6.534	5.703	148.0E6	247.4E6	51.046	49.056	
15)	B	Endosulfa...	6.736	6.010	2278189	3708457	0.796	0.755	
16)	A	4,4'-DDD	6.667	5.850	18173037	25874983	7.300	5.635	
17)	MA	4,4'-DDT	6.981	6.103	262.1E6	419.1E6	110.395	90.706	
18)	B	Endrin al...	6.878	6.173	3330107	10625240	1.551	2.560	#
19)	B	Endosulfa...	7.080	6.332f	728122	2753115	0.271	0.556	#
20)	A	Methoxychlor	7.453	6.675	327.4E6	532.6E6	251.424	216.439	
21)	B	Endrin ke...	7.589	6.899	11559512	13557216	3.921	2.571	#
22)		Toxaphene-1	5.835	0.000	2401840	0	235.414	N.D.	#
24)		Toxaphene-3	6.981f	6.675	262.1E6	532.6E6	3105.714	4205.320	#
25)		Toxaphene-4	7.080	7.095	728122	140270	11.263	1.965	#
26)		Toxaphene-5	7.541	0.000	1334225	0	16.585	N.D.	#

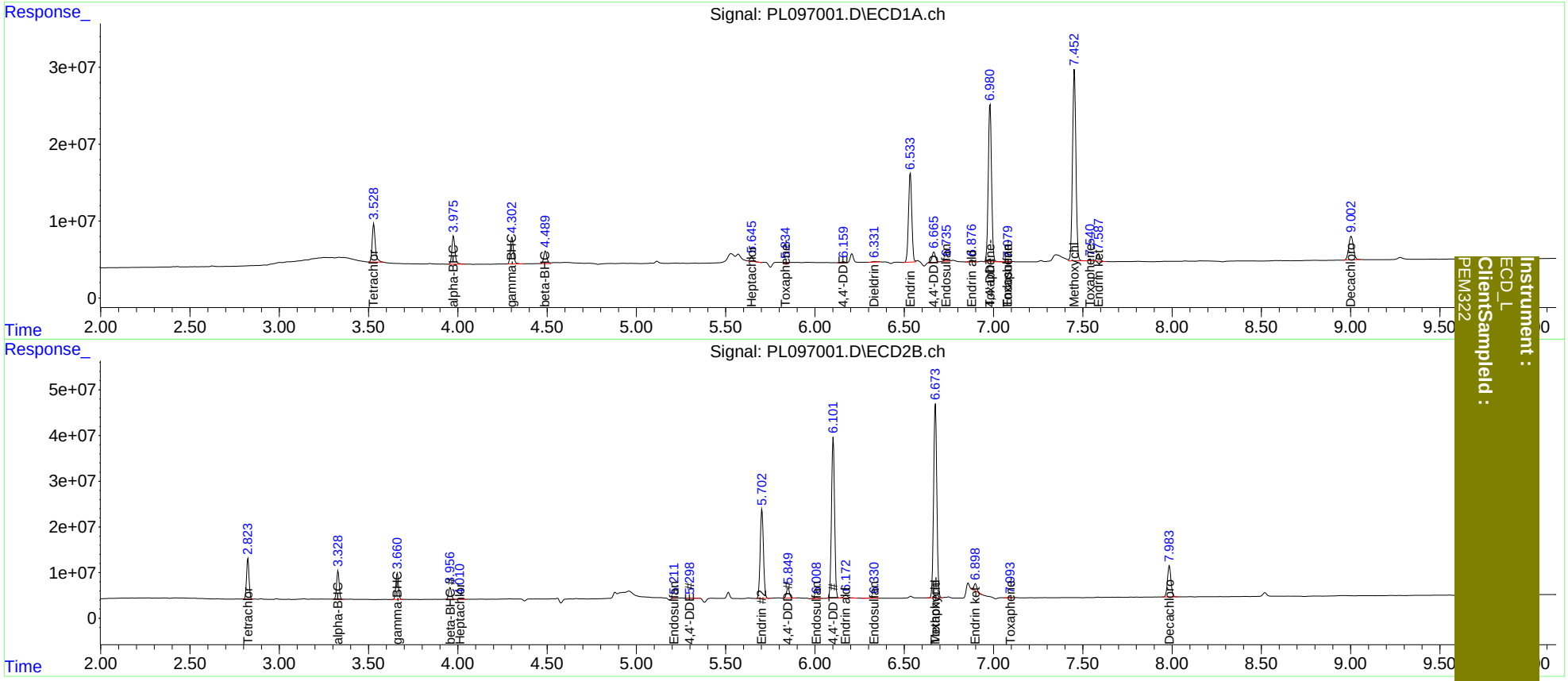
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

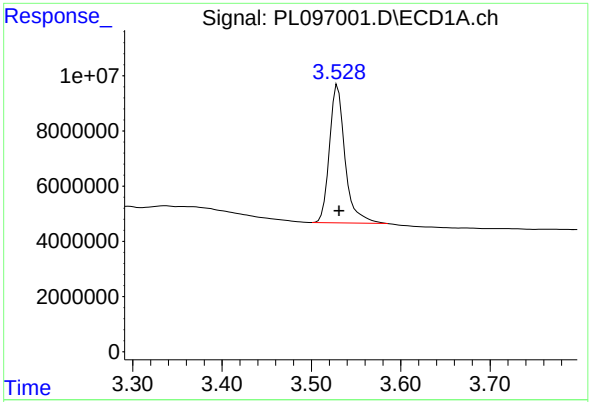
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082925\
Data File : PL097001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2025 10:16
Operator : AR\AJ
Sample : PEM106
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 06:17:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081225CLP.M
Quant Title : GC Extractables
QLast Update : Wed Aug 13 06:38:25 2025
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

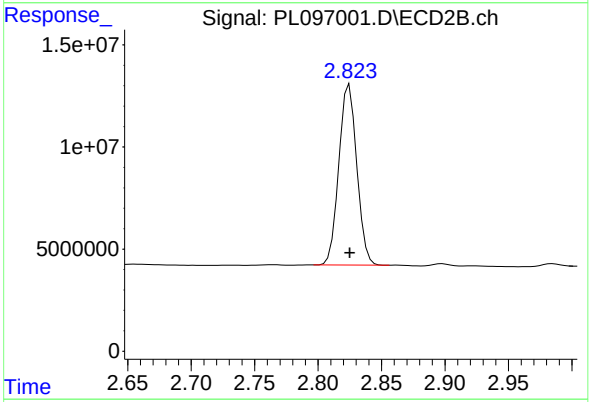




#1 Tetrachloro-m-xylene

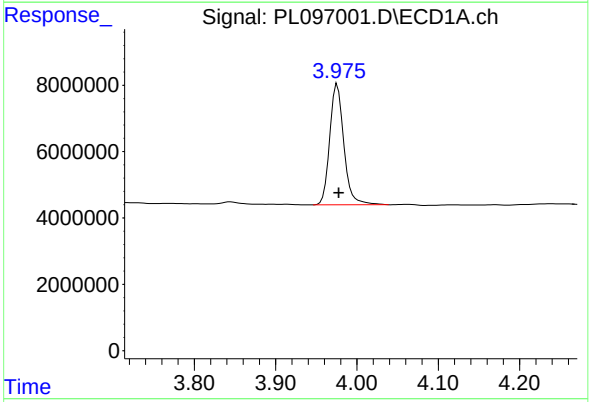
R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 60554682
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



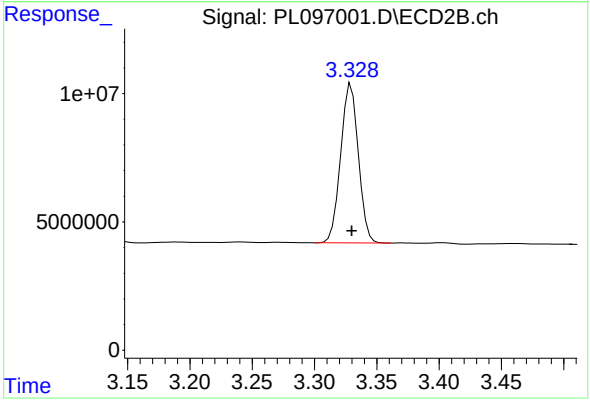
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 86857698
Conc: 19.07 ng/ml



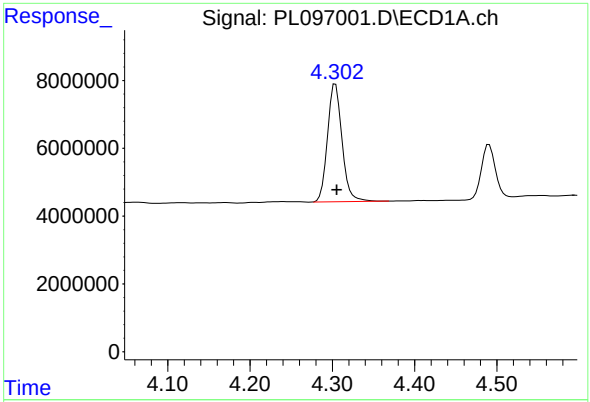
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 44052078
Conc: 9.49 ng/ml



#2 alpha-BHC

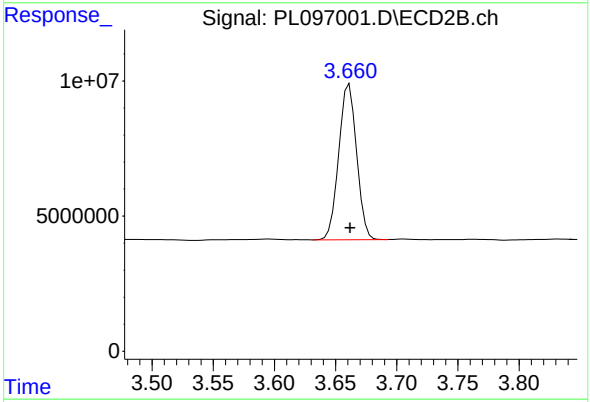
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 61525066
Conc: 8.89 ng/ml



#3 gamma-BHC (Lindane)

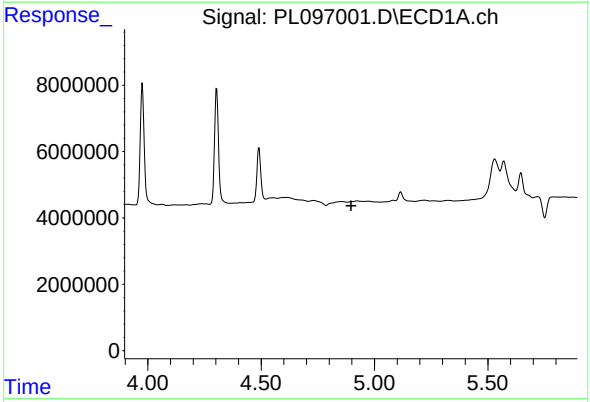
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 42653688
Conc: 9.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



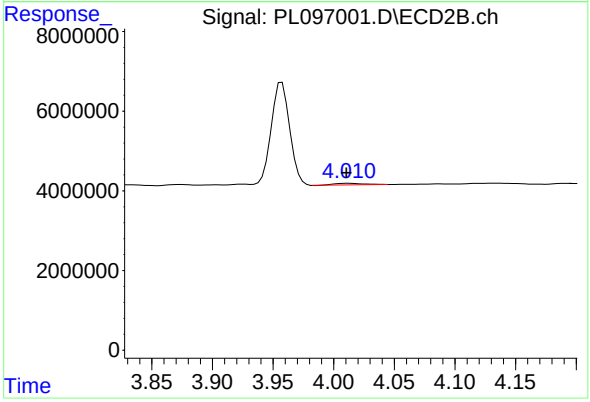
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 58552475
Conc: 9.11 ng/ml



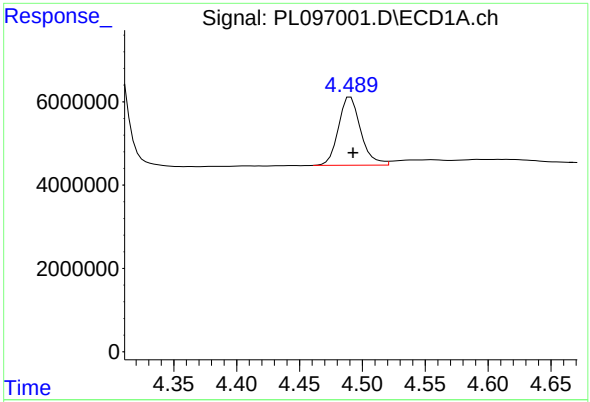
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



#4 Heptachlor

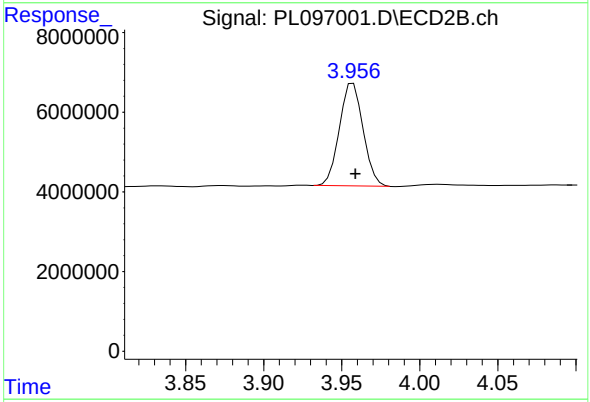
R.T.: 4.012 min
Delta R.T.: 0.001 min
Response: 696429
Conc: 0.11 ng/ml



#6 beta-BHC

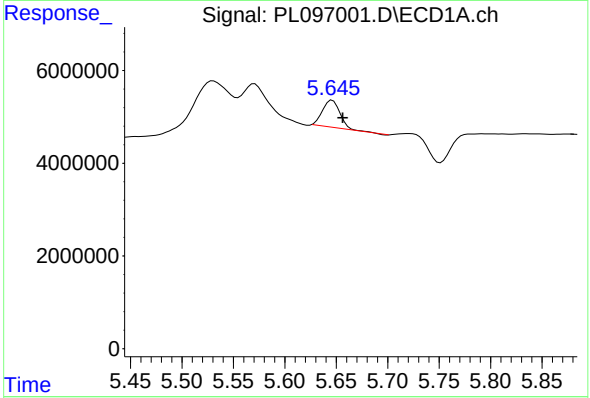
R.T.: 4.491 min
Delta R.T.: -0.002 min
Response: 20189186
Conc: 11.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



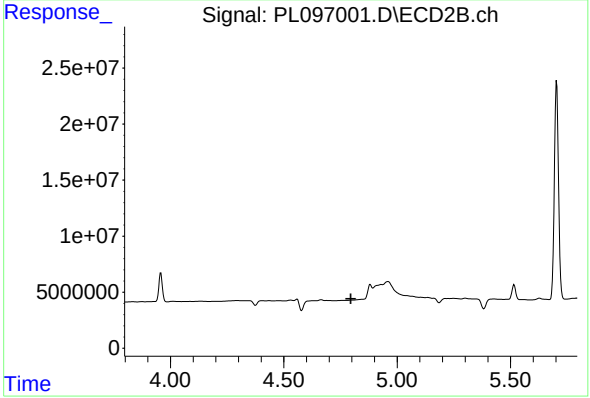
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 27195025
Conc: 9.42 ng/ml



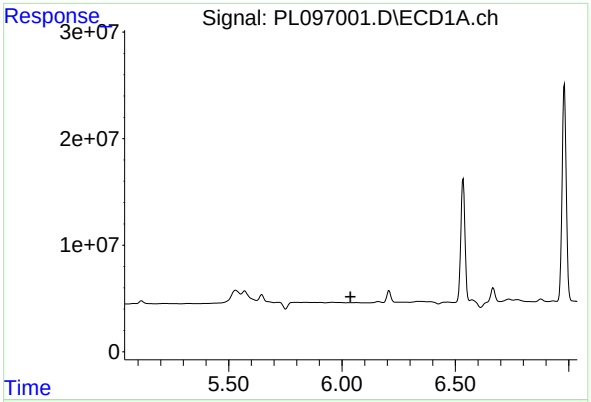
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 6601859
Conc: 1.78 ng/ml



#8 Heptachlor epoxide

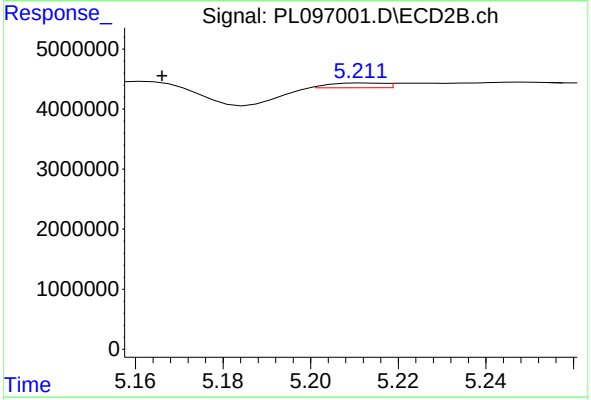
R.T.: 0.000 min
Exp R.T. : 4.796 min
Response: 0
Conc: N.D.



#9 Endosulfan I

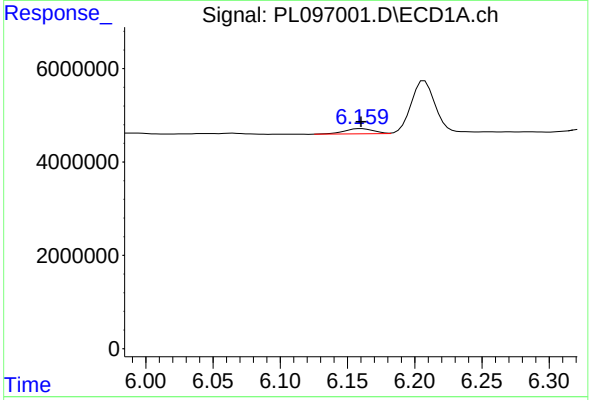
R.T.: 0.000 min
Exp R.T. : 6.038 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM322



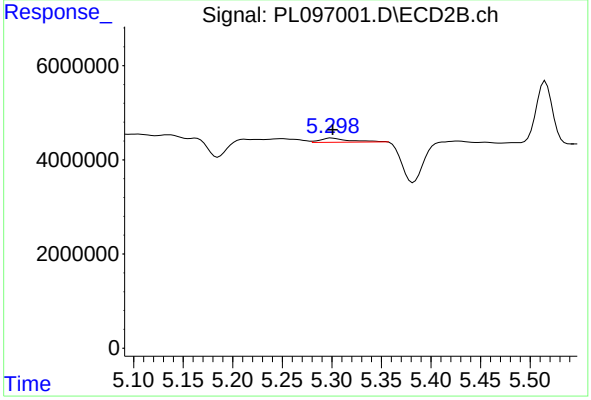
#9 Endosulfan I

R.T.: 5.212 min
Delta R.T.: 0.046 min
Response: 667706
Conc: 0.13 ng/ml



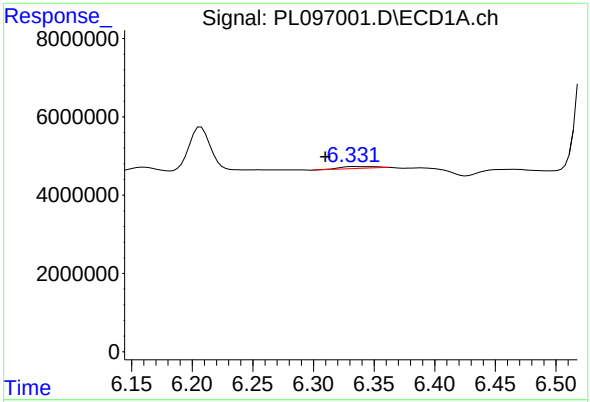
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 1665527
Conc: 0.54 ng/ml



#12 4,4'-DDE

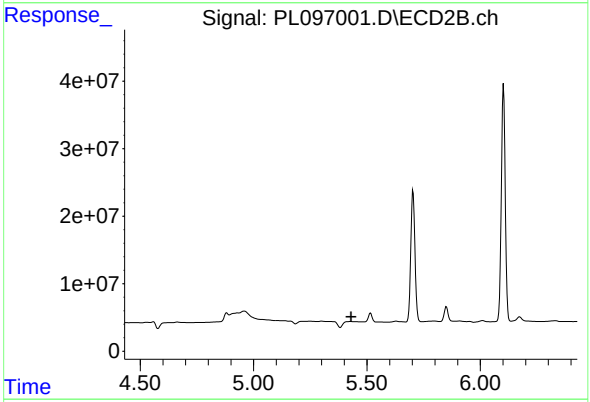
R.T.: 5.300 min
Delta R.T.: -0.001 min
Response: 1804606
Conc: 0.33 ng/ml



#13 Dieldrin

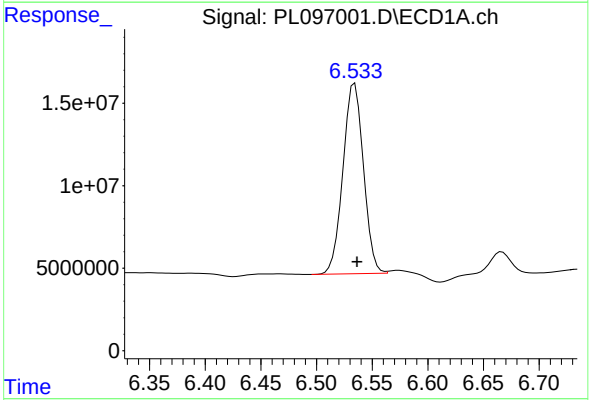
R.T.: 6.334 min
Delta R.T.: 0.024 min
Response: 1059950
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



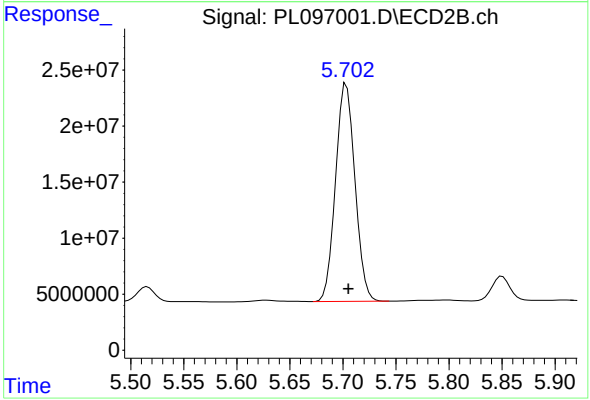
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.004 min
Response: -6204928
Conc: N.D.



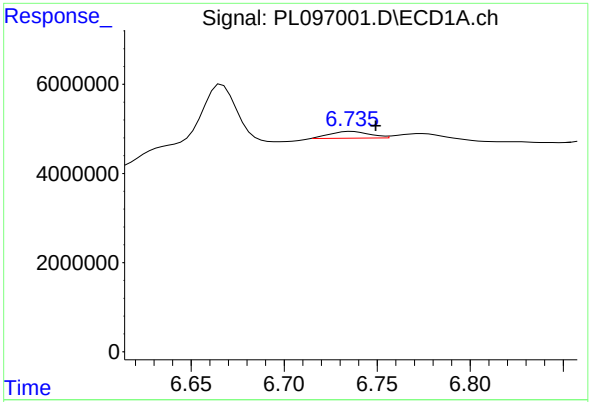
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 148012250
Conc: 51.05 ng/ml



#14 Endrin

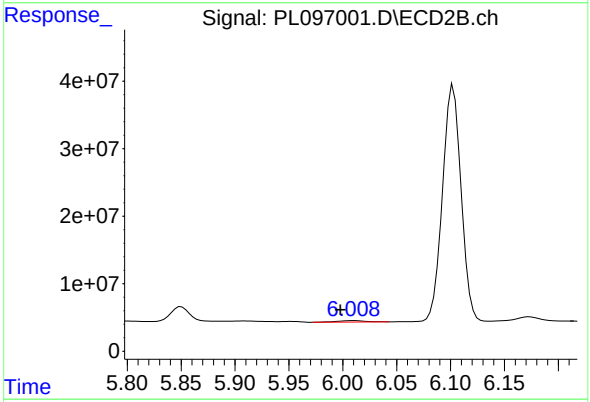
R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 247441360
Conc: 49.06 ng/ml



#15 Endosulfan II

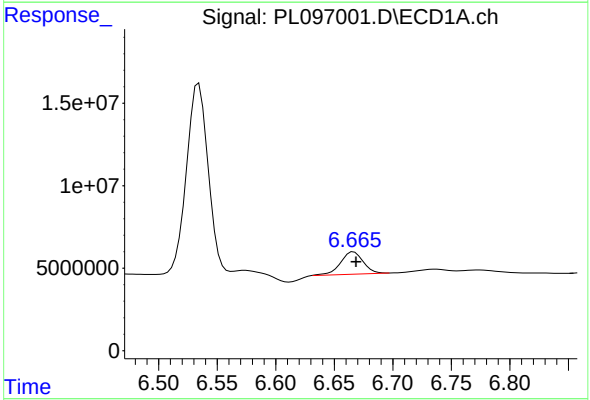
R.T.: 6.736 min
Delta R.T.: -0.013 min
Response: 2278189
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



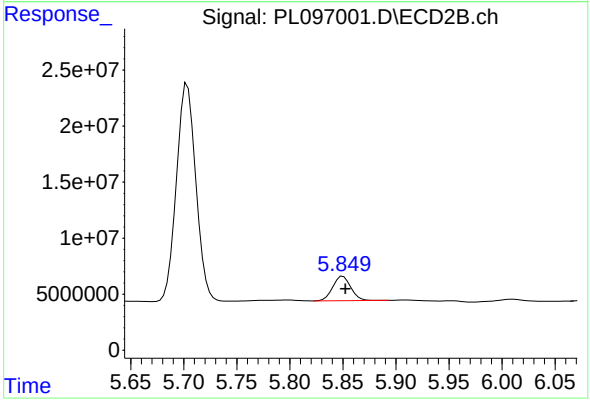
#15 Endosulfan II

R.T.: 6.010 min
Delta R.T.: 0.012 min
Response: 3708457
Conc: 0.75 ng/ml



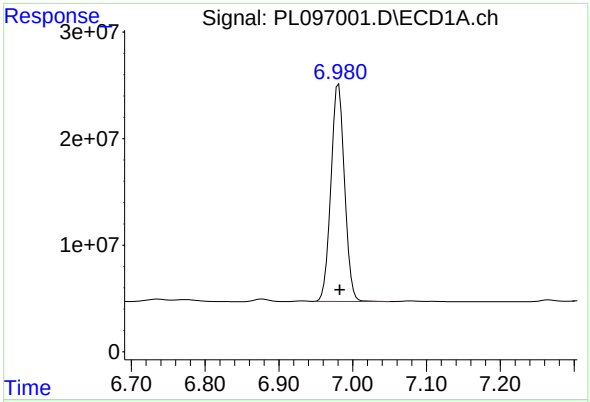
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 18173037
Conc: 7.30 ng/ml



#16 4,4'-DDD

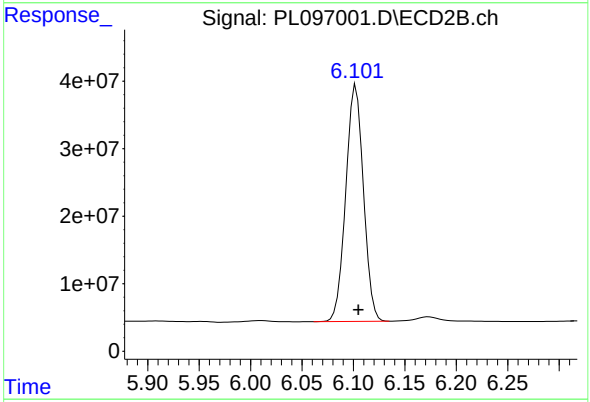
R.T.: 5.850 min
Delta R.T.: -0.002 min
Response: 25874983
Conc: 5.63 ng/ml



#17 4,4'-DDT

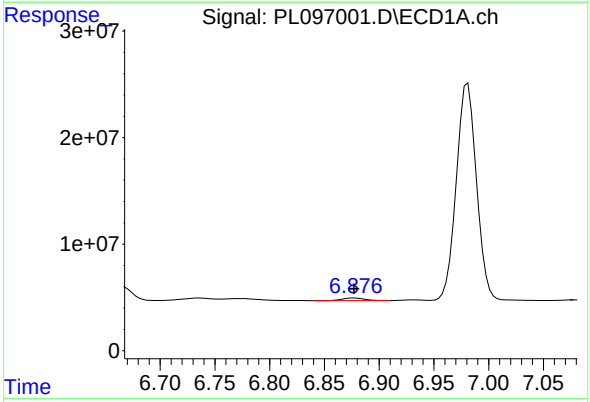
R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 262053191
Conc: 110.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



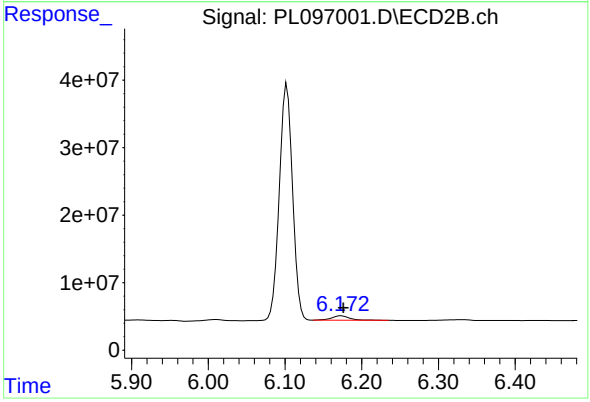
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 419066199
Conc: 90.71 ng/ml



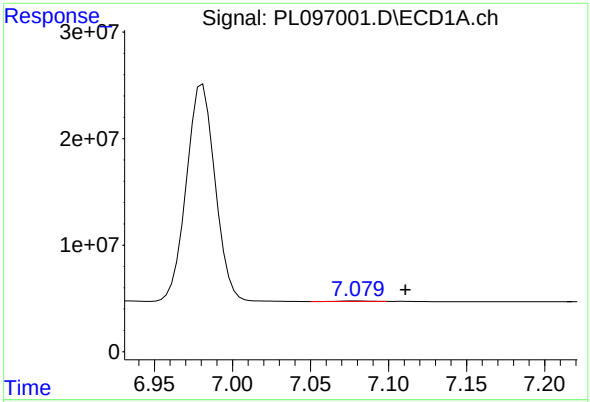
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 3330107
Conc: 1.55 ng/ml



#18 Endrin aldehyde

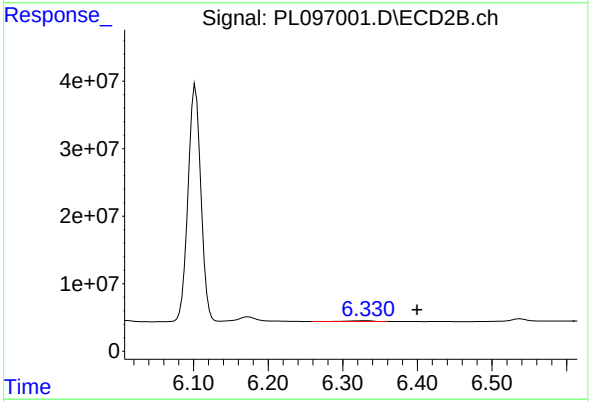
R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 10625240
Conc: 2.56 ng/ml



#19 Endosulfan Sulfate

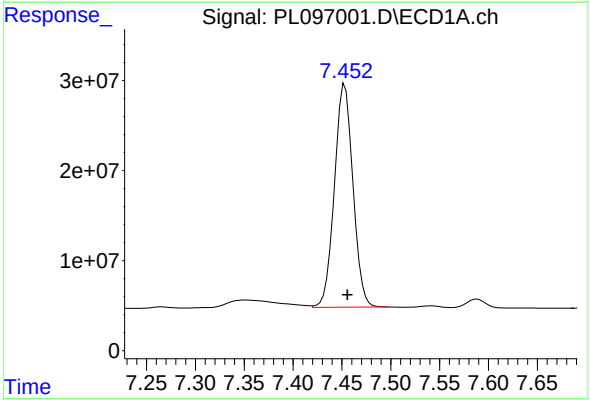
R.T.: 7.080 min
Delta R.T.: -0.031 min
Response: 728122
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



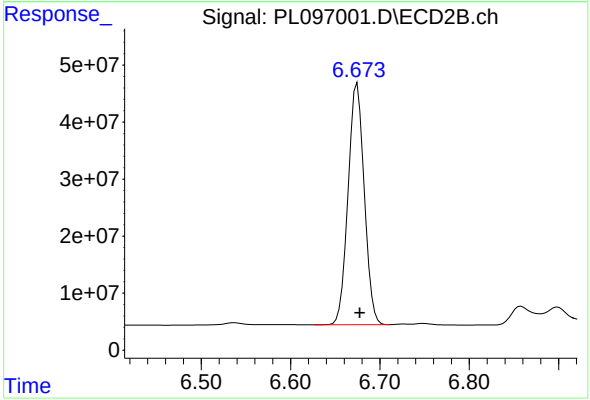
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.068 min
Response: 2753115
Conc: 0.56 ng/ml



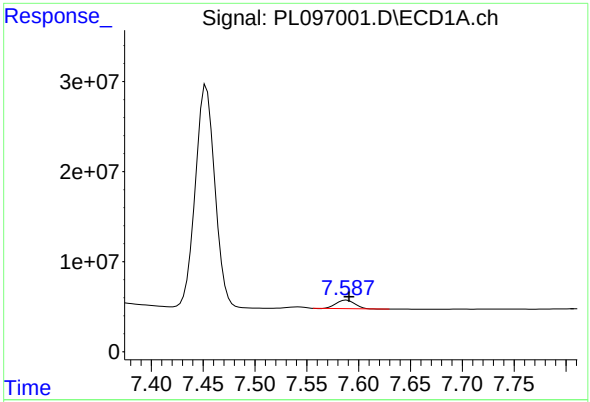
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: -0.002 min
Response: 327431564
Conc: 251.42 ng/ml



#20 Methoxychlor

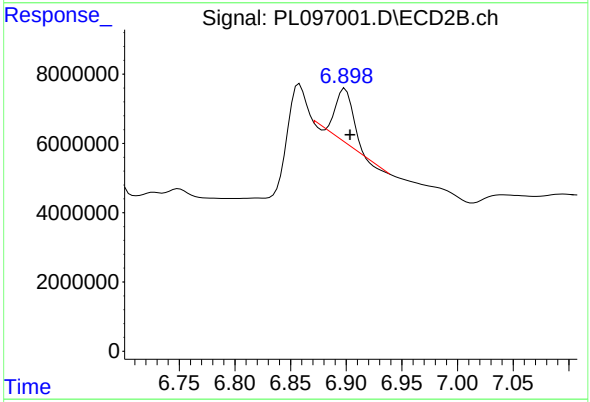
R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 532556990
Conc: 216.44 ng/ml



#21 Endrin ketone

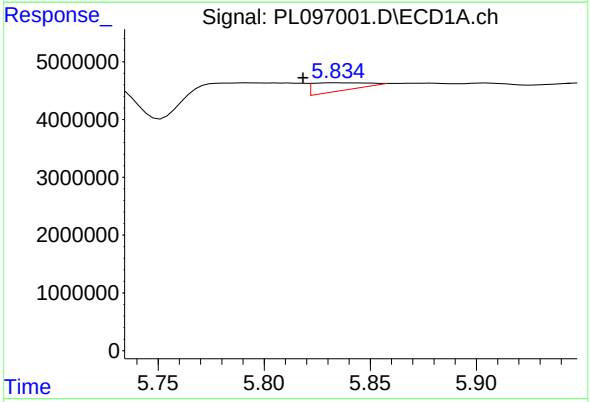
R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 11559512
Conc: 3.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



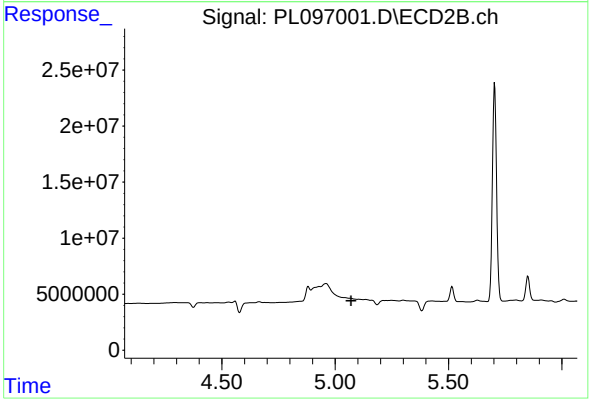
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 13557216
Conc: 2.57 ng/ml



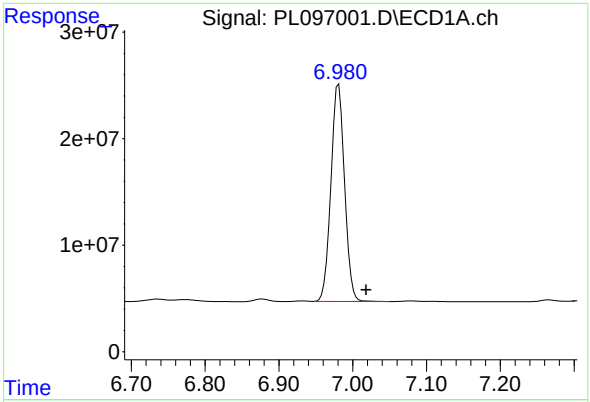
#22 Toxaphene-1

R.T.: 5.835 min
Delta R.T.: 0.017 min
Response: 2401840
Conc: 235.41 ng/ml



#22 Toxaphene-1

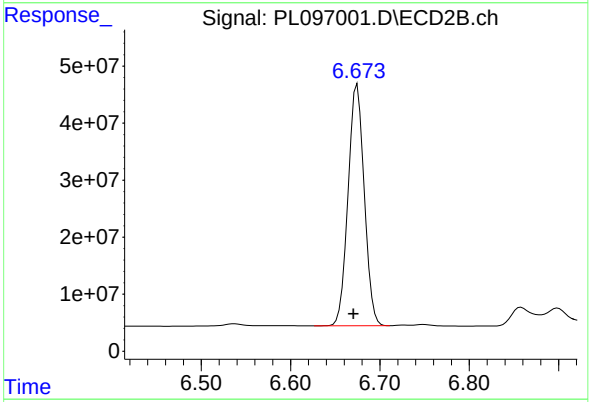
R.T.: 0.000 min
Exp R.T. : 5.070 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

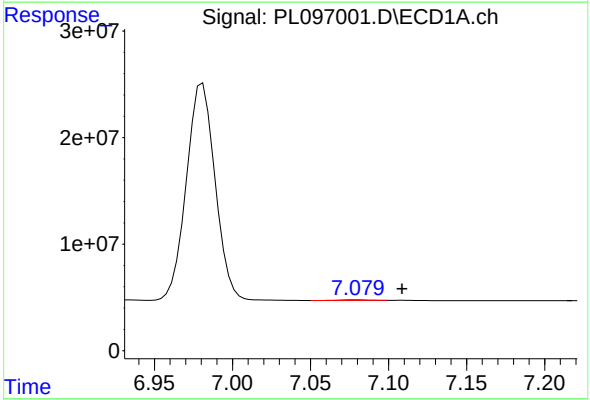
R.T.: 6.981 min
Delta R.T.: -0.037 min
Response: 262053191
Conc: 3105.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



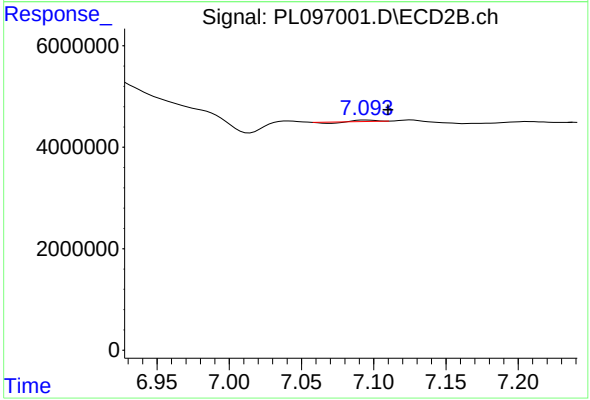
#24 Toxaphene-3

R.T.: 6.675 min
Delta R.T.: 0.005 min
Response: 532556990
Conc: 4205.32 ng/ml



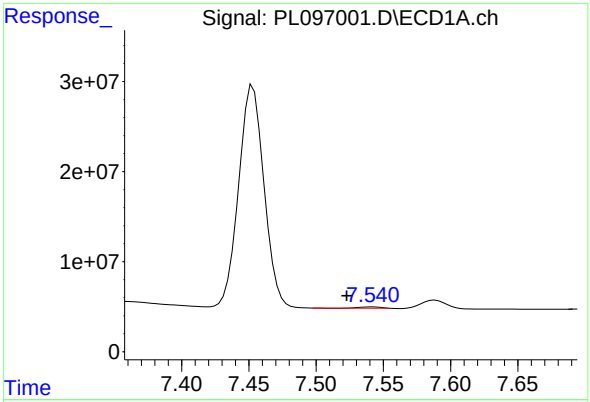
#25 Toxaphene-4

R.T.: 7.080 min
Delta R.T.: -0.029 min
Response: 728122
Conc: 11.26 ng/ml



#25 Toxaphene-4

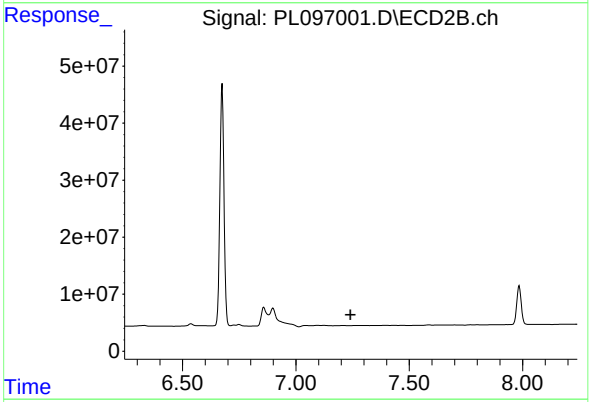
R.T.: 7.095 min
Delta R.T.: -0.015 min
Response: 140270
Conc: 1.97 ng/ml



#26 Toxaphene-5

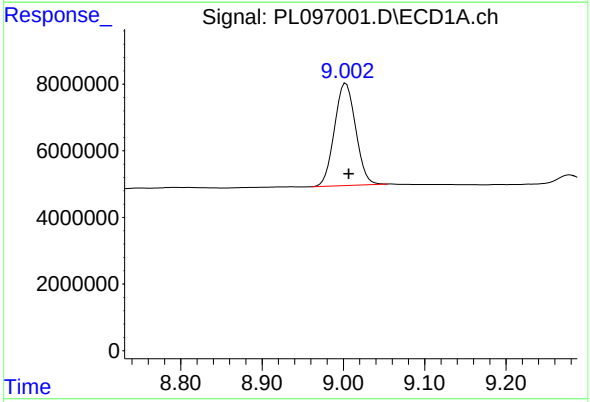
R.T.: 7.541 min
Delta R.T.: 0.019 min
Response: 1334225
Conc: 16.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM322



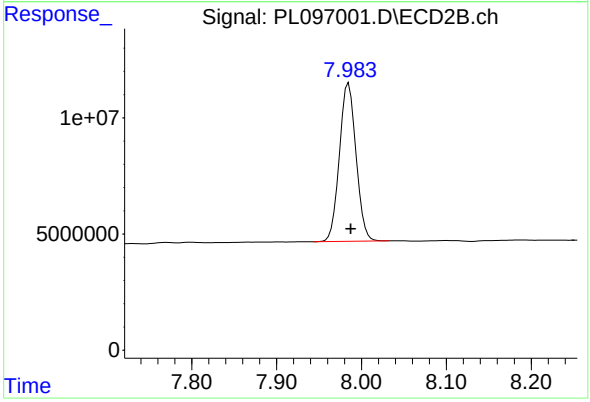
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.003 min
Response: 55580847
Conc: 24.89 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.003 min
Response: 92438342
Conc: 20.84 ng/ml