Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100225\
Data File : PD090485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 10:52
Operator : AR\AJ
Sample : PEM112
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091725CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 18 07:48:10 2025
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...	3.545	2.874	43246019	367.6E6	16.590	16.128	
27)	SA Decachlor...	9.062	8.059	77012306	461.7E6	19.364	18.635	
	Target Compounds							
2)	A alpha-BHC	3.994	3.386	42224807	304.6E6	7.736	8.223	
3)	MA gamma-BHC...	4.325	3.722	42204263	283.8E6	7.967	8.332	
6)	B beta-BHC	4.511	4.018	18579021	123.9E6	8.386	8.233	
7)	B delta-BHC	4.769	0.000	1295285	0	0.264	N.D.	#
8)	B Heptachlo...	5.646f	4.888	760777	14680473	0.160	0.474	#
10)	B trans-Chl...	5.993f	0.000	22283495	0	4.871	N.D.	#
11)	B cis-Chlor...	5.993	0.000	22283495	0	4.705	N.D.	#
12)	B 4,4'-DDE	6.237f	0.000	760562	0	0.172	N.D.	#
14)	MA Endrin	6.567	5.778	175.8E6	1184.4E6	43.338	39.620	
15)	B Endosulfa...	6.796	0.000	1298668	0	0.338	N.D.	#
16)	A 4,4'-DDD	6.698	5.920	3178242	25321776	0.946	0.961	
17)	MA 4,4'-DDT	7.014	6.172	321.7E6	2158.1E6	92.500	79.217	
18)	B Endrin al...	6.911	6.245	696033	10033160	0.220	0.467	#
20)	A Methoxychlor	7.487	6.743	405.9E6	2451.3E6	219.248	205.293	
21)	B Endrin ke...	7.623	6.980	2296060	17508363	0.562	0.615	
22)	Toxaphene-1	6.237	0.000	760562	0	24.236	N.D.	#
23)	Toxaphene-2	0.000	6.172f	0	2158.1E6	N.D.	11146.962	
24)	Toxaphene-3	7.014f	6.743	321.7E6	2451.3E6	2780.097	4071.417	#
26)	Toxaphene-5	7.963f	0.000	1612983	0	27.003	N.D.	#

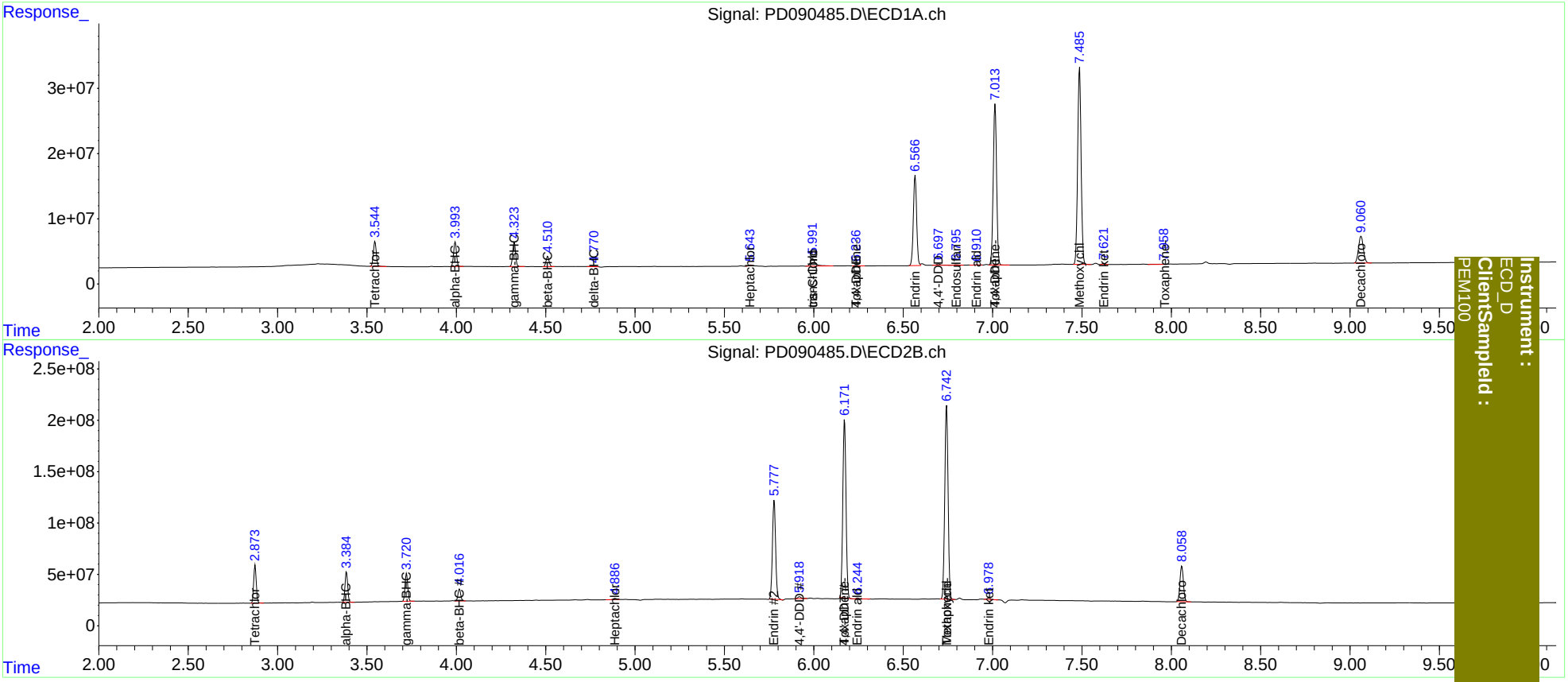
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

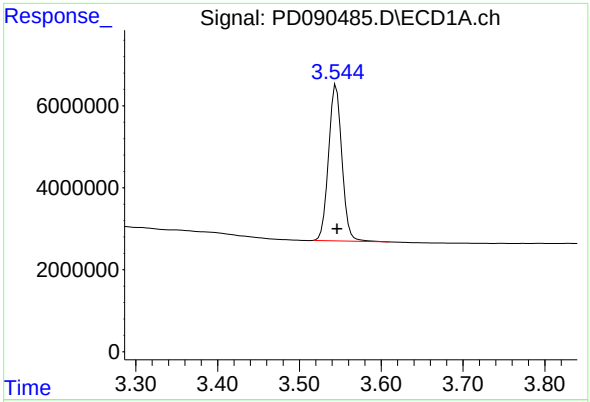
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100225\
Data File : PD090485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 10:52
Operator : AR\AJ
Sample : PEM112
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 02:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091725CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 18 07:48:10 2025
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

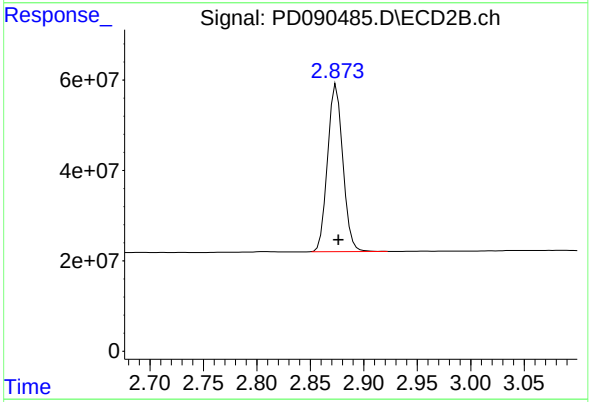




#1 Tetrachloro-m-xylene

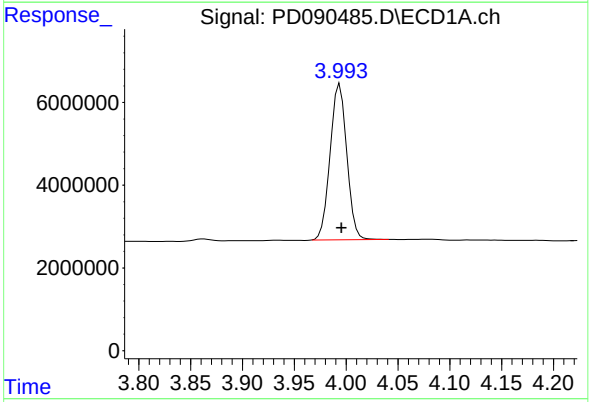
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 43246019
Conc: 16.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



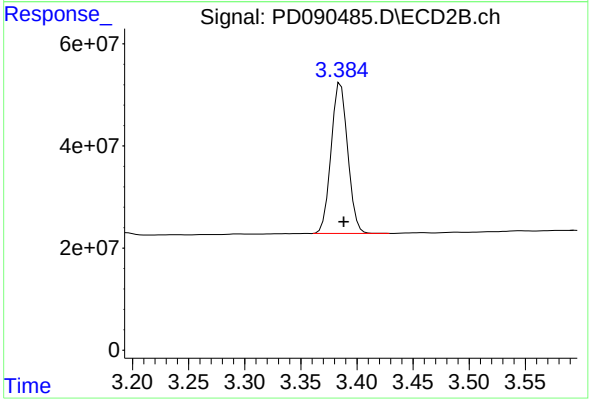
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 367591346
Conc: 16.13 ng/ml



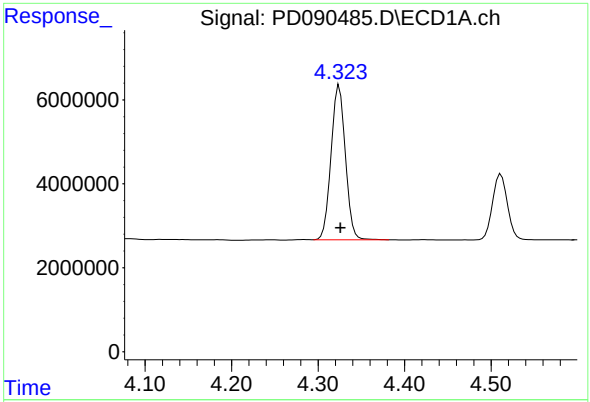
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.001 min
Response: 42224807
Conc: 7.74 ng/ml



#2 alpha-BHC

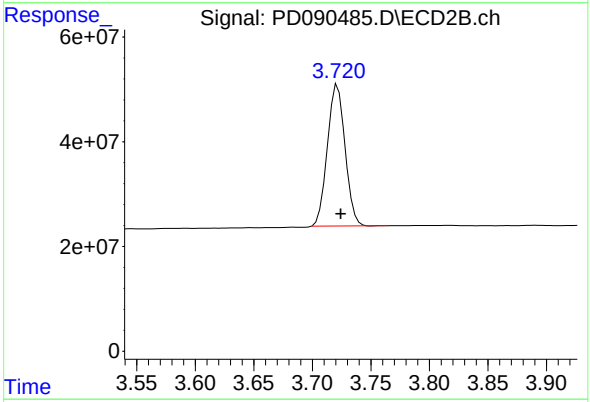
R.T.: 3.386 min
Delta R.T.: -0.003 min
Response: 304635122
Conc: 8.22 ng/ml



#3 gamma-BHC (Lindane)

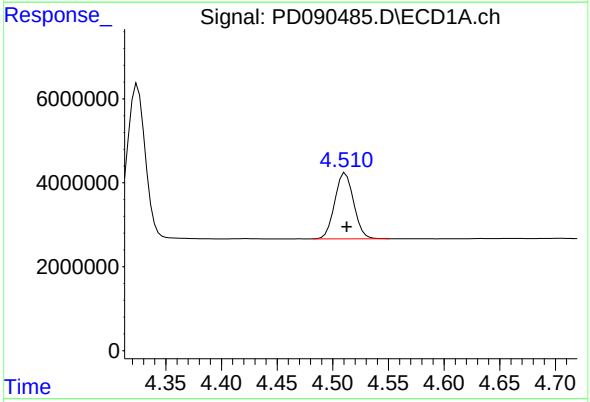
R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 42204263
Conc: 7.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



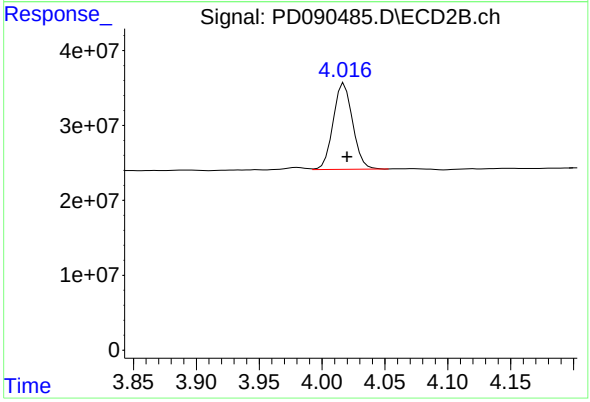
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.003 min
Response: 283774691
Conc: 8.33 ng/ml



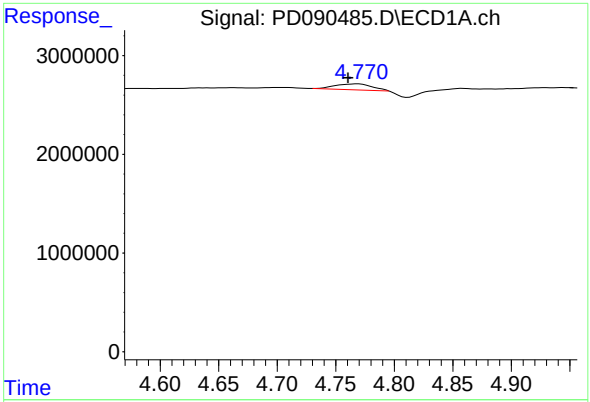
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 18579021
Conc: 8.39 ng/ml



#6 beta-BHC

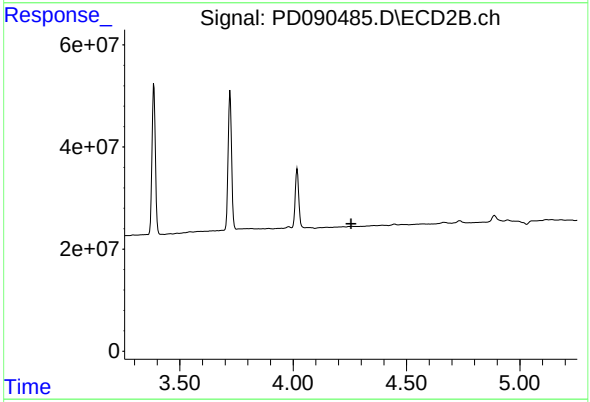
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 123855971
Conc: 8.23 ng/ml



#7 delta-BHC

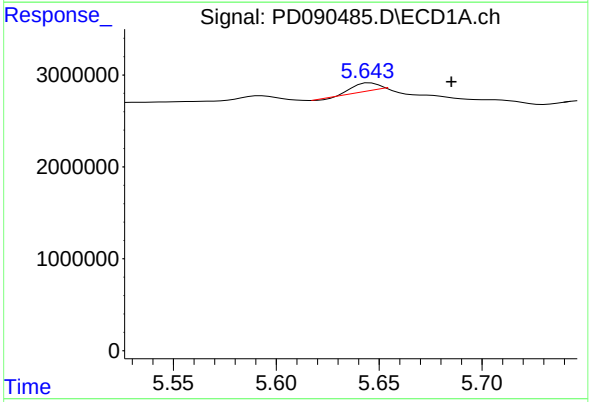
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 1295285
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



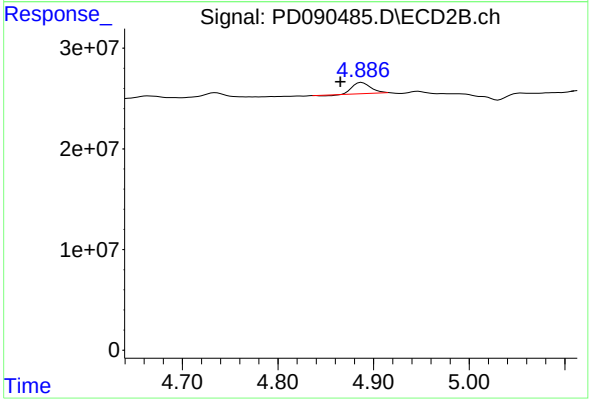
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.256 min
Response: 0
Conc: N.D.



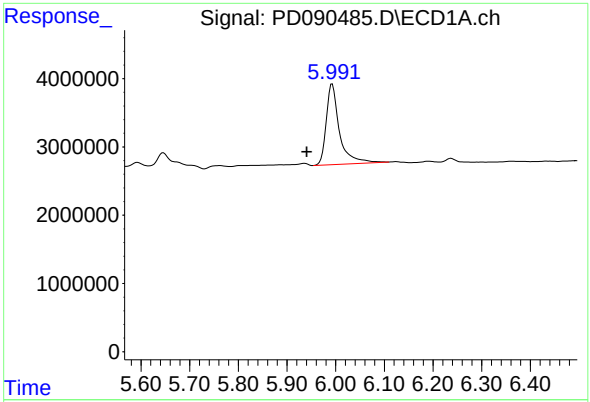
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: -0.039 min
Response: 760777
Conc: 0.16 ng/ml



#8 Heptachlor epoxide

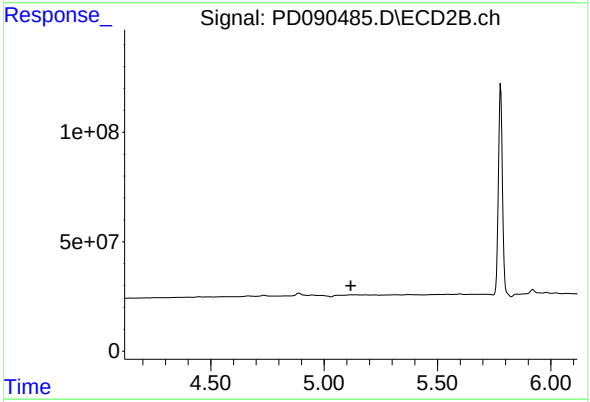
R.T.: 4.888 min
Delta R.T.: 0.023 min
Response: 14680473
Conc: 0.47 ng/ml



#10 trans-Chlordane

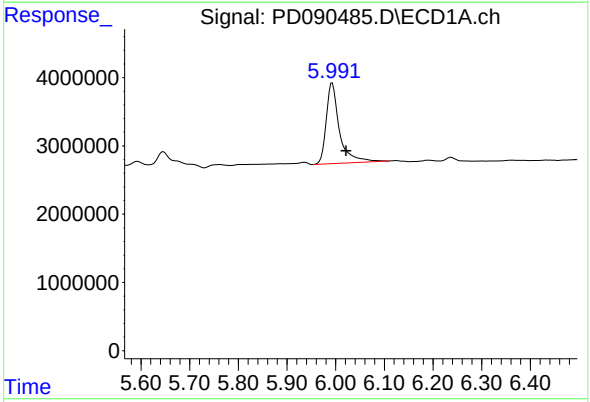
R.T.: 5.993 min
Delta R.T.: 0.052 min
Response: 22283495
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



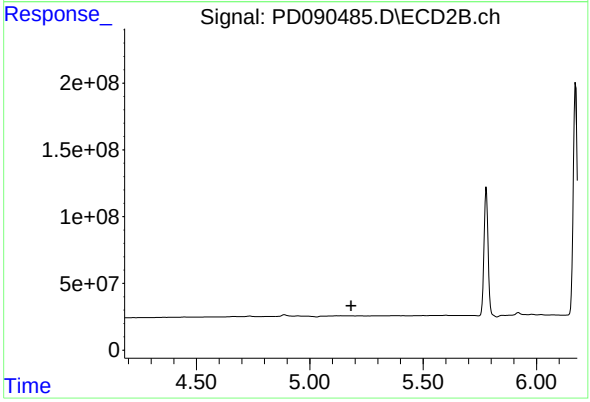
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.118 min
Response: 0
Conc: N.D.



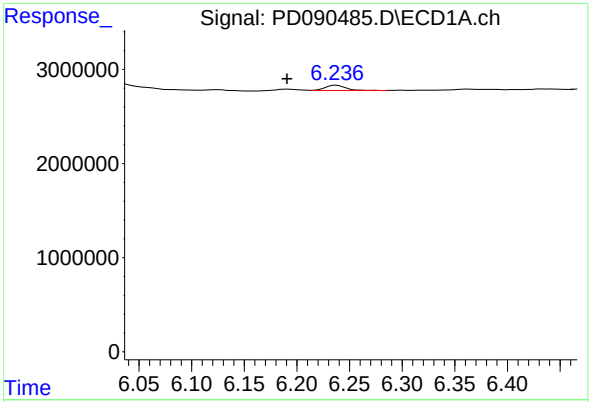
#11 cis-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.029 min
Response: 22283495
Conc: 4.71 ng/ml



#11 cis-Chlordane

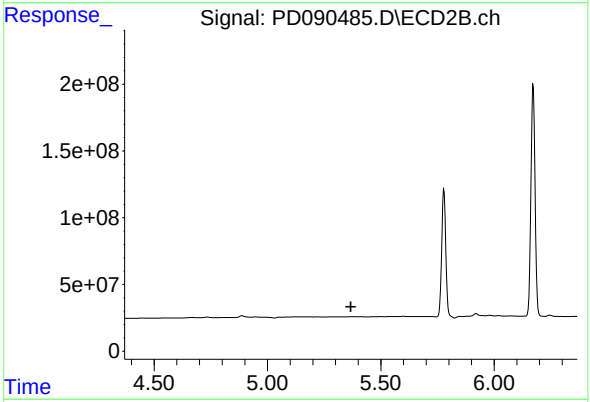
R.T.: 0.000 min
Exp R.T. : 5.183 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

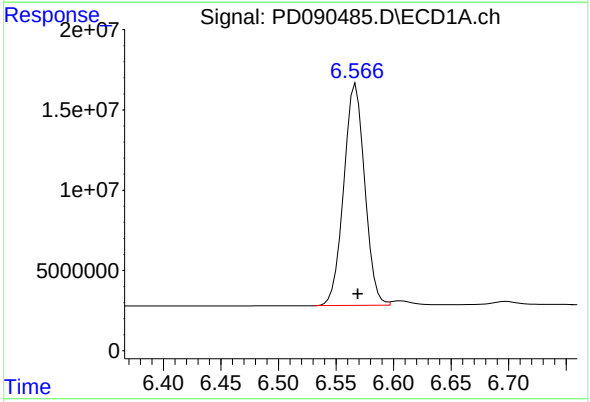
R.T.: 6.237 min
Delta R.T.: 0.047 min
Response: 760562
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



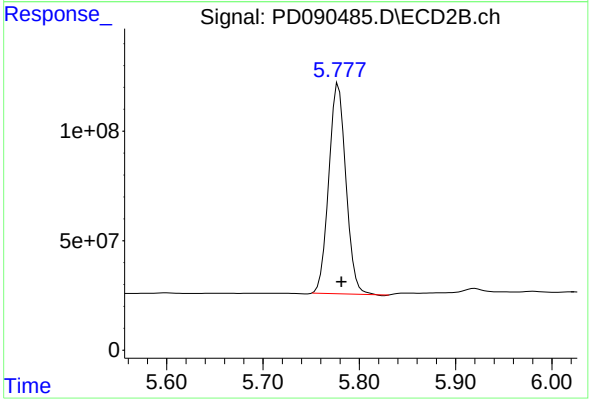
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.367 min
Response: 0
Conc: N.D.



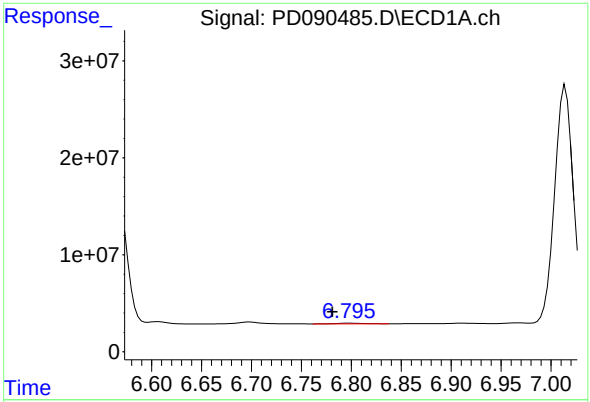
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 175753131
Conc: 43.34 ng/ml



#14 Endrin

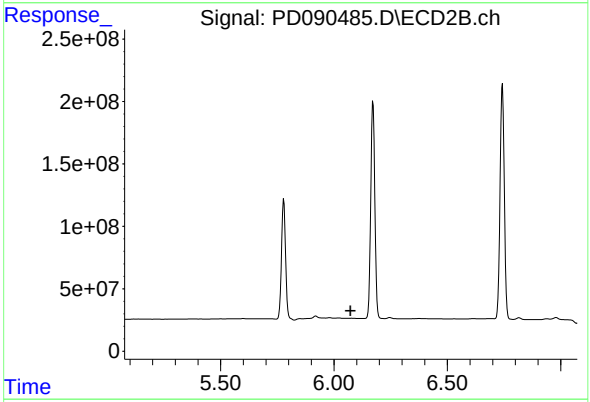
R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1184371264
Conc: 39.62 ng/ml



#15 Endosulfan II

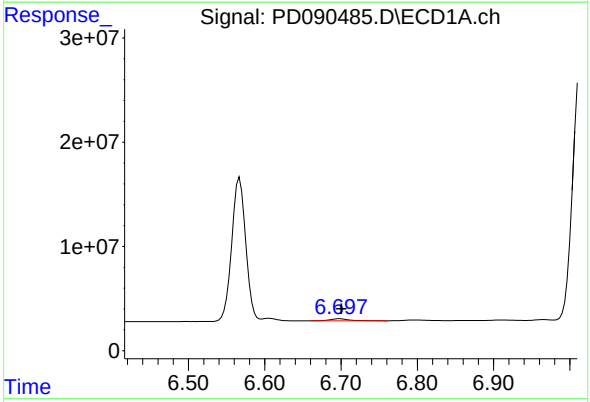
R.T.: 6.796 min
Delta R.T.: 0.015 min
Response: 1298668
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



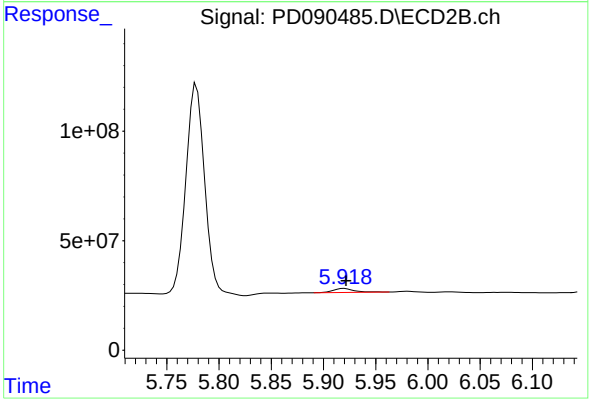
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.073 min
Response: 0
Conc: N.D.



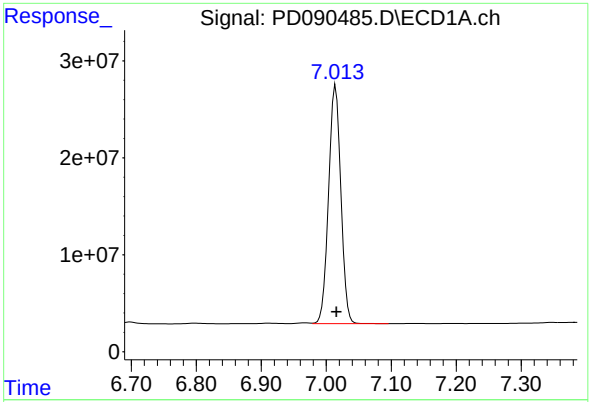
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 3178242
Conc: 0.95 ng/ml



#16 4,4'-DDD

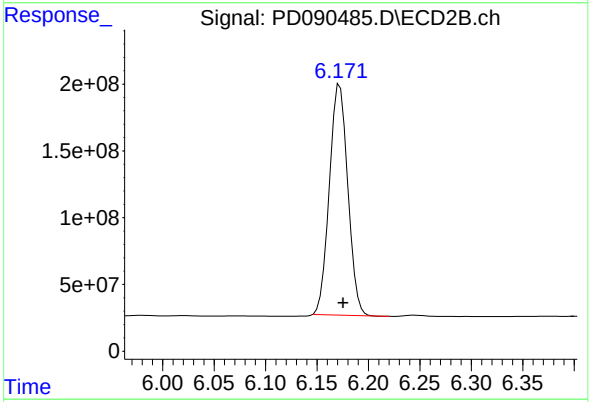
R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 25321776
Conc: 0.96 ng/ml



#17 4,4'-DDT

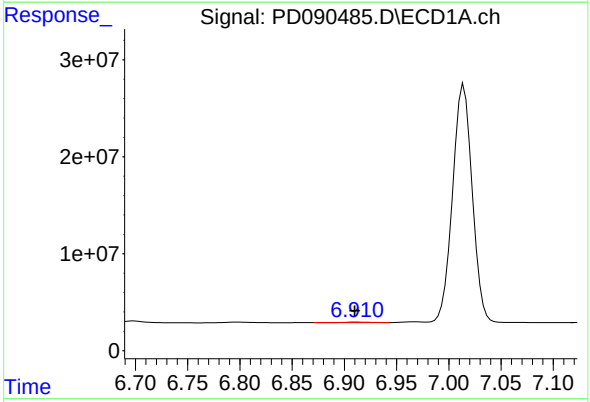
R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 321739229
Conc: 92.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



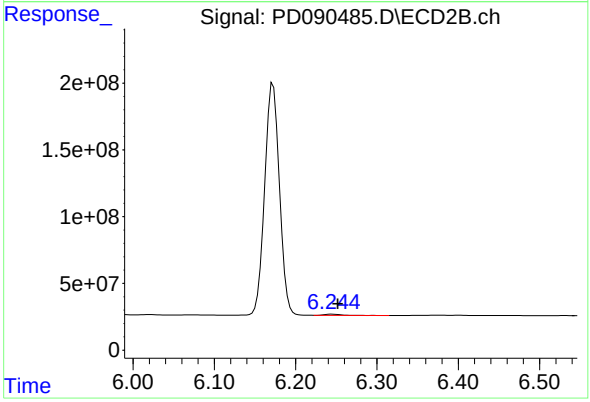
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 2158059896
Conc: 79.22 ng/ml



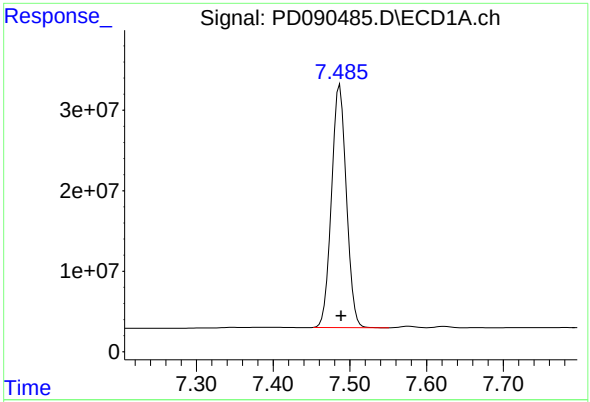
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 696033
Conc: 0.22 ng/ml



#18 Endrin aldehyde

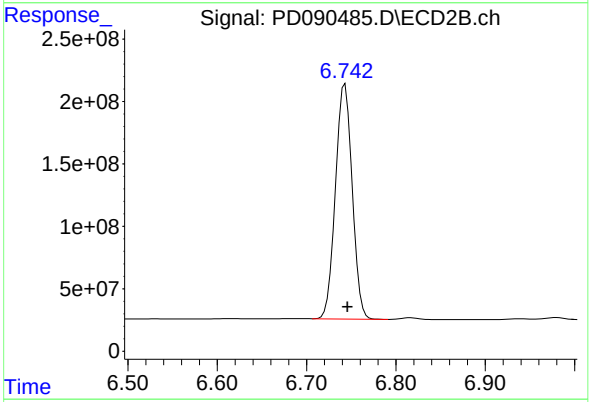
R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 10033160
Conc: 0.47 ng/ml



#20 Methoxychlor

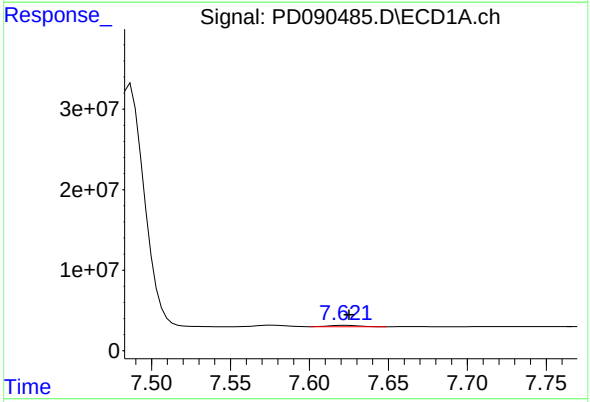
R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 405902021
Conc: 219.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



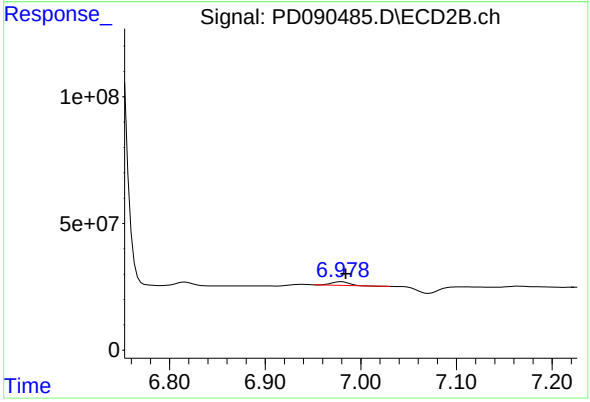
#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 2451286982
Conc: 205.29 ng/ml



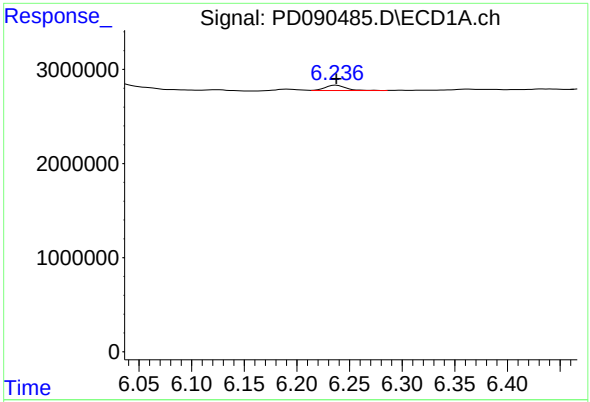
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 2296060
Conc: 0.56 ng/ml



#21 Endrin ketone

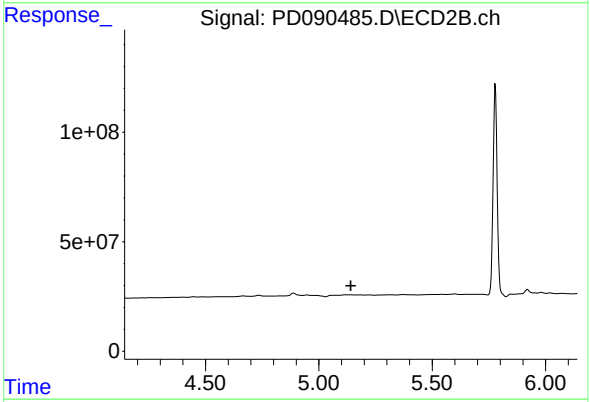
R.T.: 6.980 min
Delta R.T.: -0.005 min
Response: 17508363
Conc: 0.62 ng/ml



#22 Toxaphene-1

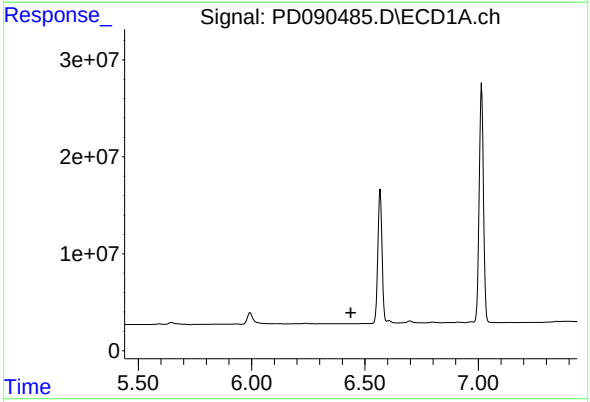
R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 760562
Conc: 24.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



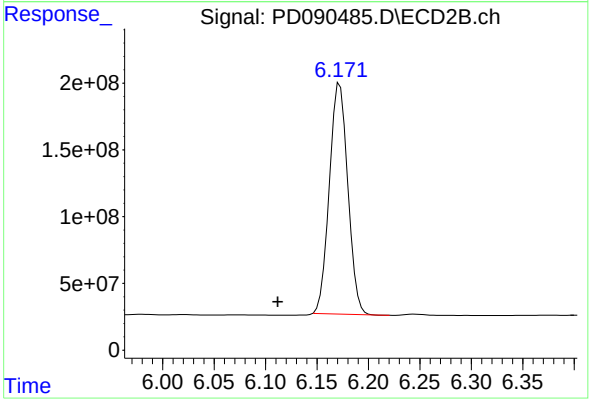
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.141 min
Response: 0
Conc: N.D.



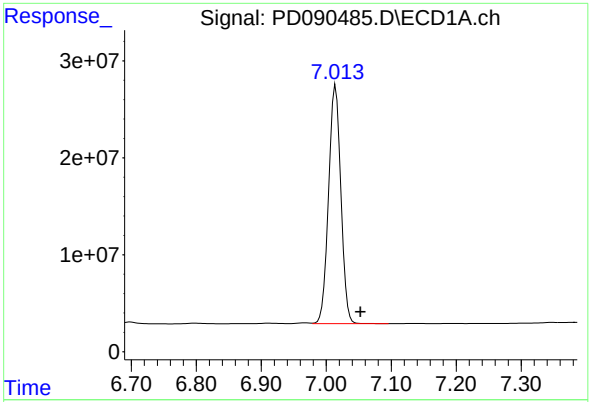
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.437 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

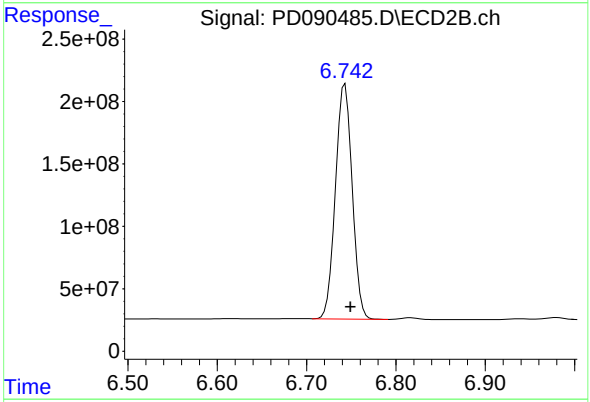
R.T.: 6.172 min
Delta R.T.: 0.060 min
Response: 2158059896
Conc: 11146.96 ng/ml



#24 Toxaphene-3

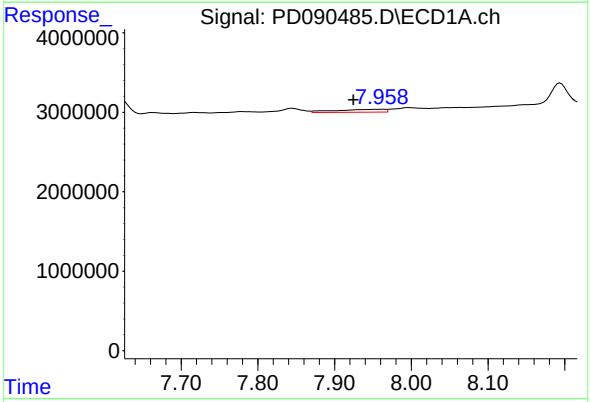
R.T.: 7.014 min
Delta R.T.: -0.038 min
Response: 321739229
Conc: 2780.10 ng/m

Instrument :
ECD_D
ClientSampleId :
PEM100



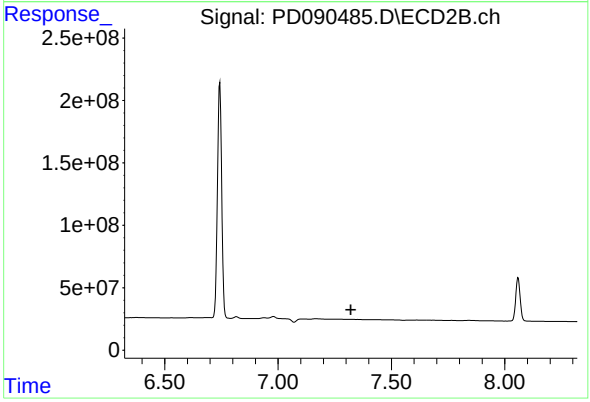
#24 Toxaphene-3

R.T.: 6.743 min
Delta R.T.: -0.006 min
Response: 2451286982
Conc: 4071.42 ng/ml



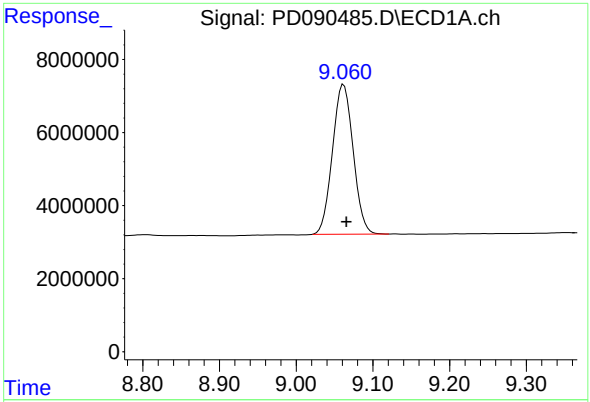
#26 Toxaphene-5

R.T.: 7.963 min
Delta R.T.: 0.038 min
Response: 1612983
Conc: 27.00 ng/ml



#26 Toxaphene-5

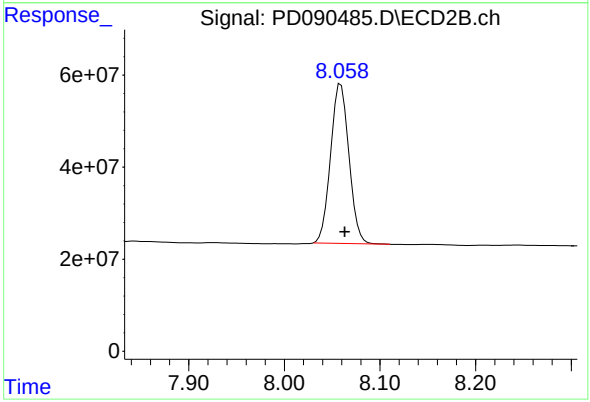
R.T.: 0.000 min
Exp R.T. : 7.321 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.004 min
Response: 77012306
Conc: 19.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM100



#27 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 461749021
Conc: 18.63 ng/ml