Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120224\
Data File : PD086986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2024 10:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 23:53:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 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...	3.557	2.884	39851143	241.8E6	19.928	21.122	
28)	SA Decachlor...	9.087	8.087	63677249	285.4E6	20.018	20.482	
	Target Compounds							
2)	A alpha-BHC	4.007	3.398	36633447	193.5E6	9.104	10.980	
3)	MA gamma-BHC...	4.338	3.734	36405843	178.7E6	9.128	10.643	
5)	MB Aldrin	0.000	4.371	0	1219776	N.D.	0.073	#
6)	B beta-BHC	4.521	4.030	16752004	82928653	10.621	11.579	
7)	B delta-BHC	4.785	4.267	664570	675456	0.163	0.040	#
8)	B Heptachlo...	0.000	4.877	0	104649	N.D.	0.007	#
9)	A Endosulfan I	0.000	5.252	0	800461	N.D.	0.056	#
10)	B gamma-Chl...	0.000	5.133	0	213930	N.D.	0.014	#
11)	B alpha-Chl...	6.048	5.191	111681	475887	0.031	0.031	
12)	B 4,4'-DDE	6.211	5.384	299148	1306160	0.092	0.087	
13)	MA Dieldrin	0.000	5.523	0	61678	N.D.	0.004	#
14)	MA Endrin	6.584	5.798	135.0E6	599.5E6	44.618	42.857	
15)	B Endosulfa...	6.778f	6.097	29889	3422170	0.010	0.249	#
16)	A 4,4'-DDD	6.714	5.940	1449520	7804377	0.558	0.621	
17)	MA 4,4'-DDT	7.031	6.194	280.4E6	1161.7E6	99.245	87.122	
18)	B Endrin al...	6.924	6.268	3563637	23222623	1.458	2.093	#
19)	B Endosulfa...	0.000	6.484	0	5091050	N.D.	0.376	#
20)	A Methoxychlor	7.503	6.765	363.0E6	1195.5E6	226.992	166.660	#
21)	B Endrin ke...	7.640	7.000	6637368	41617651	2.045	2.761	#
22)	Mirex	8.127	7.189	48599	3301116	0.019	0.268	#
23)	Chlordane-1	0.000	3.914	0	180221	N.D.	0.346	#
24)	Chlordane-2	0.000	4.499	0	341153	N.D.	0.612	#
25)	Chlordane-3	0.000	5.133	0	213930	N.D.	0.129	#
26)	Chlordane-4	6.048	5.191	111681	475887	0.169	0.339	#
27)	Chlordane-5	0.000	6.097	0	3422170	N.D.	5.341	#

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

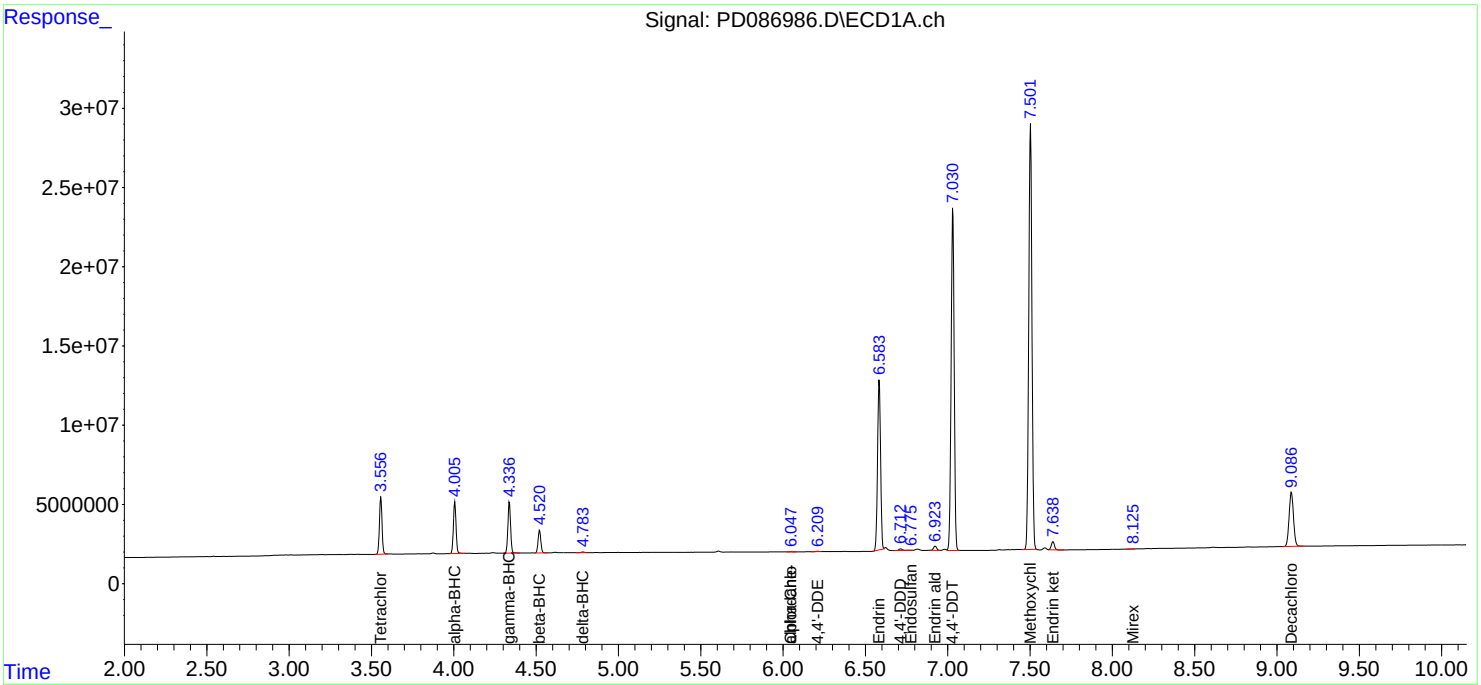
Quantitation Report (Not Reviewed)

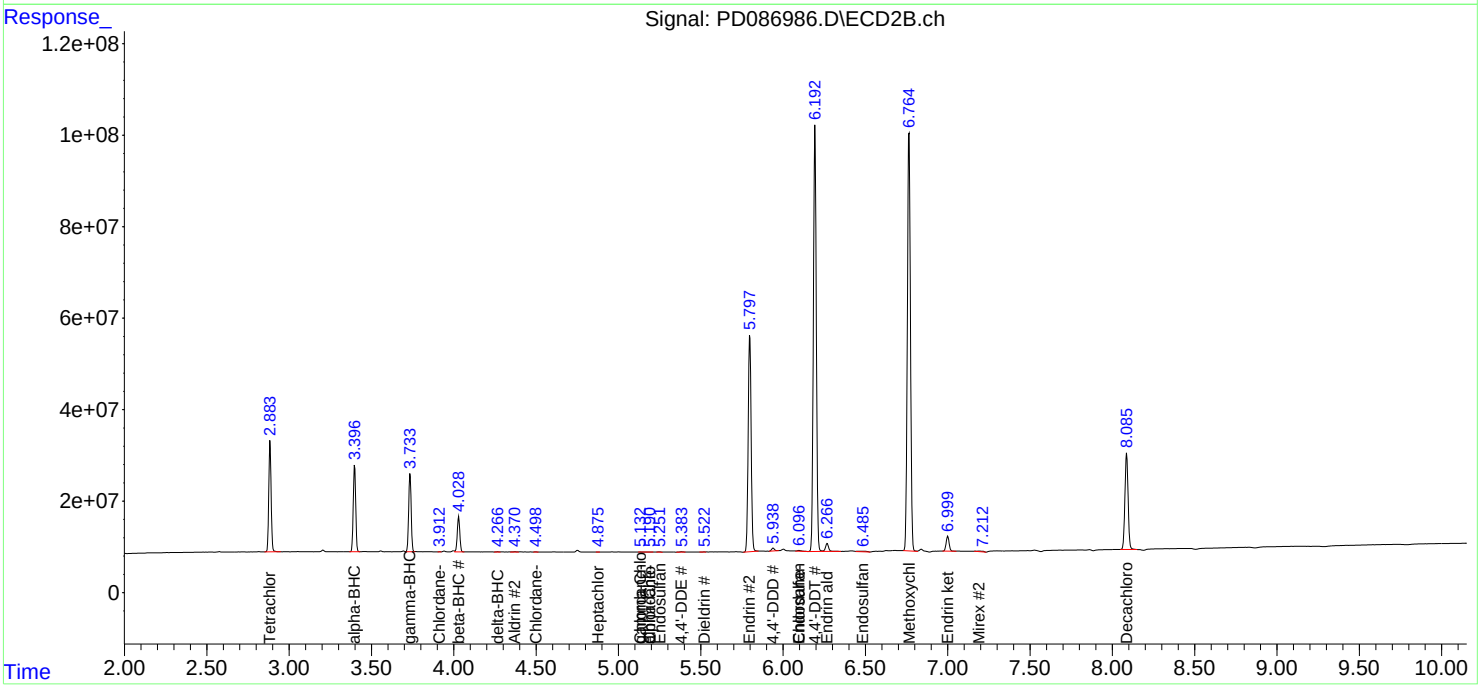
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120224\
Data File : PD086986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2024 10:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

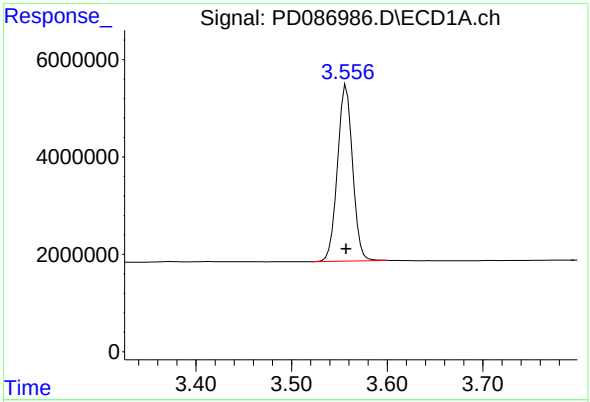
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 23:53:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 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



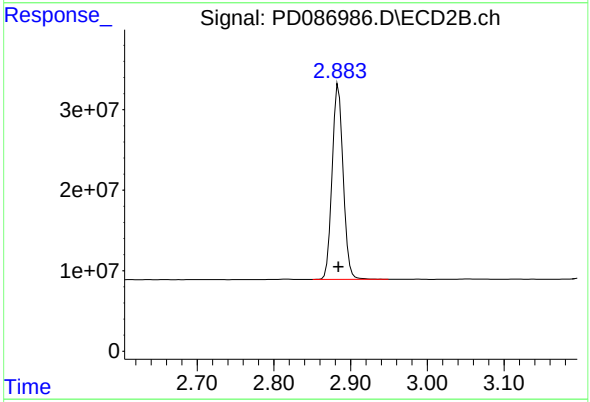




#1 Tetrachloro-m-xylene

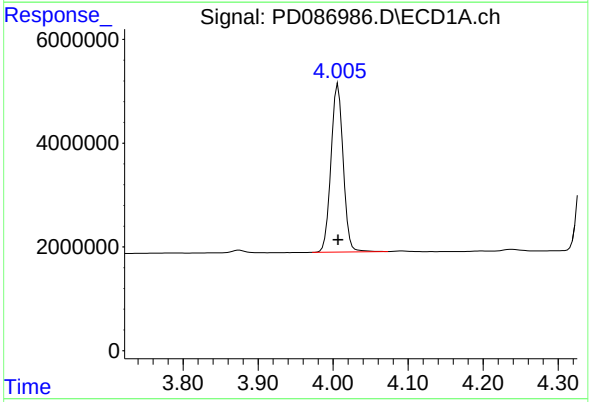
R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 39851143
Conc: 19.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



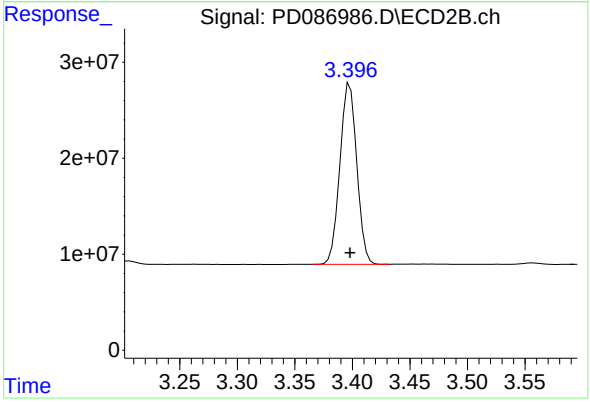
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 241769886
Conc: 21.12 ng/ml



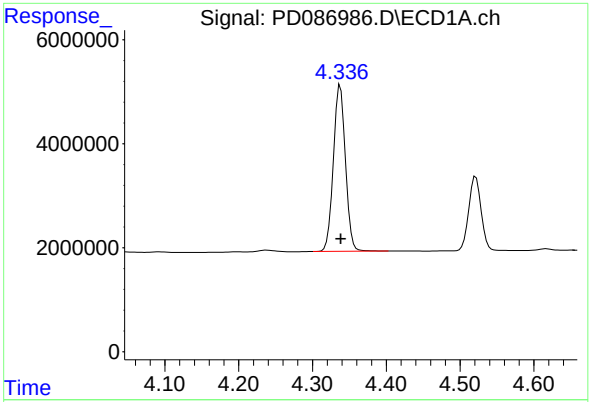
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 36633447
Conc: 9.10 ng/ml



#2 alpha-BHC

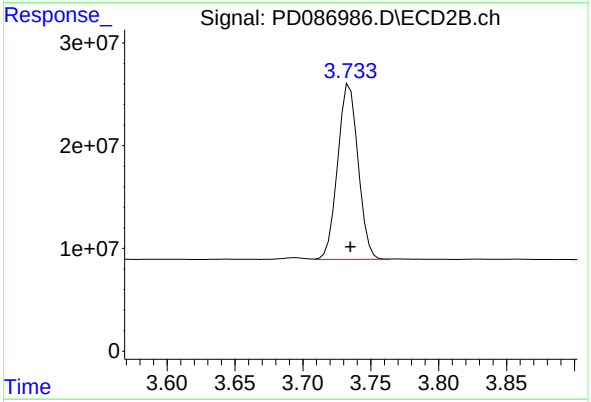
R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 193471203
Conc: 10.98 ng/ml



#3 gamma-BHC (Lindane)

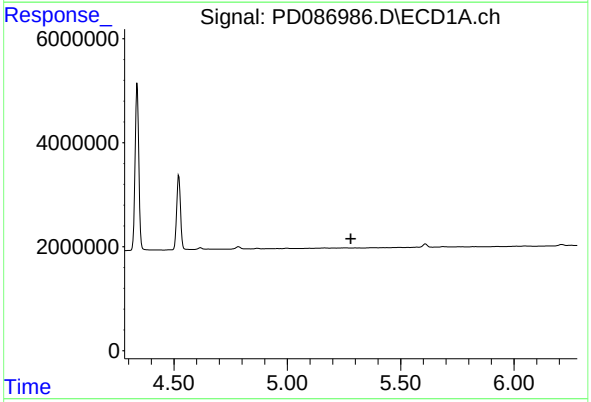
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 36405843
Conc: 9.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



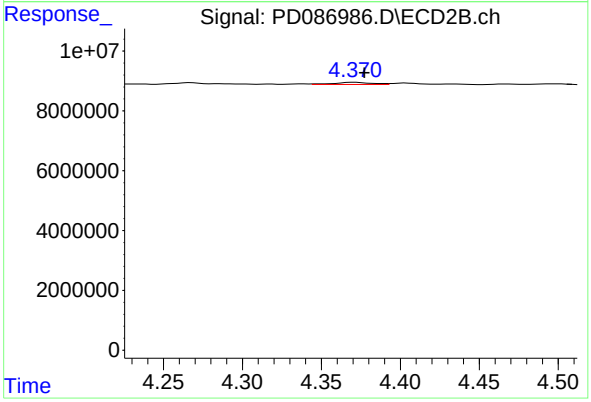
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 178739227
Conc: 10.64 ng/ml



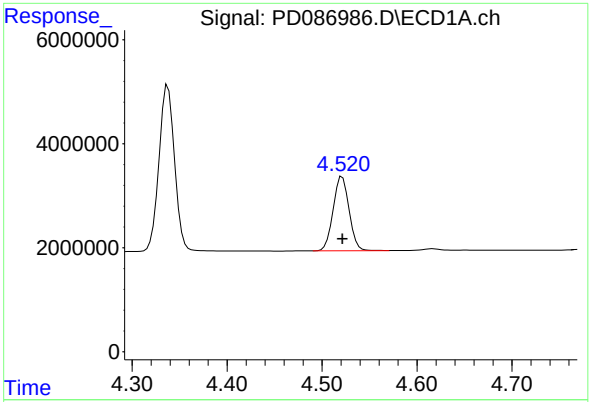
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.280 min
Response: 0
Conc: N.D.



#5 Aldrin

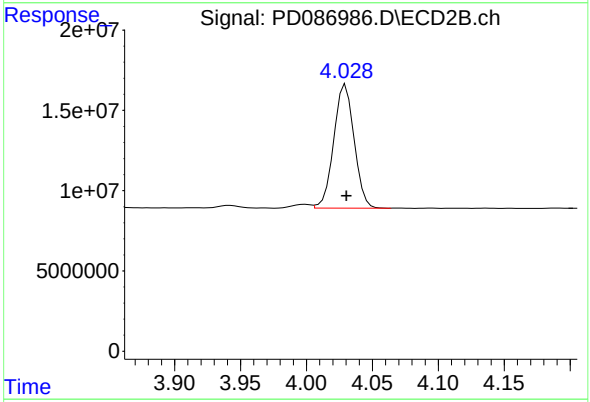
R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 1219776
Conc: 0.07 ng/ml



#6 beta-BHC

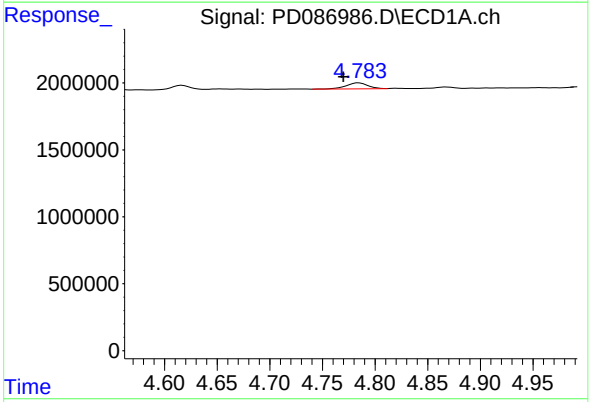
R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 16752004
Conc: 10.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



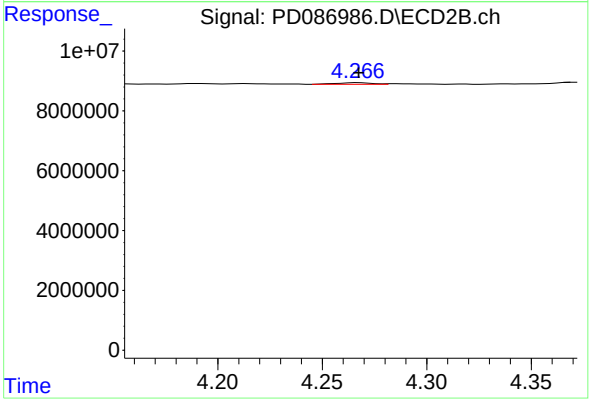
#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 82928653
Conc: 11.58 ng/ml



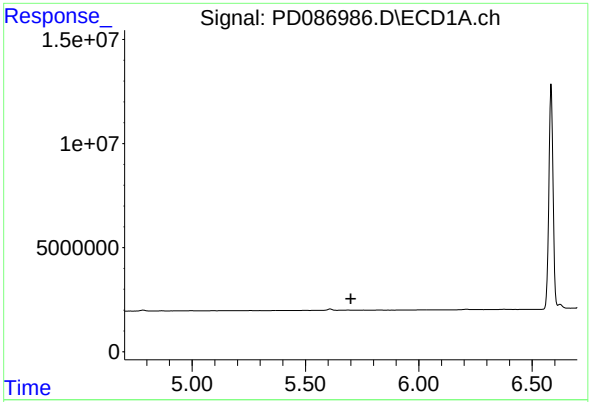
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: 0.015 min
Response: 664570
Conc: 0.16 ng/ml



#7 delta-BHC

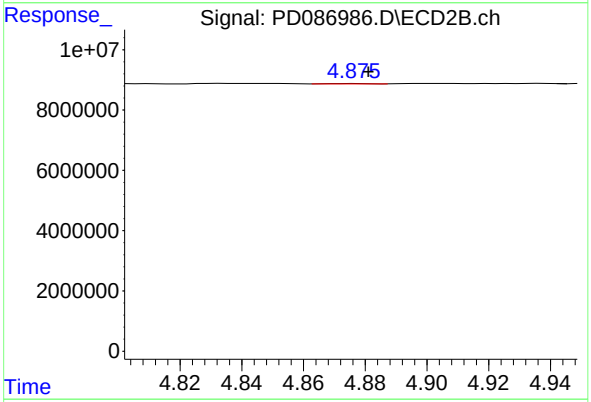
R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 675456
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

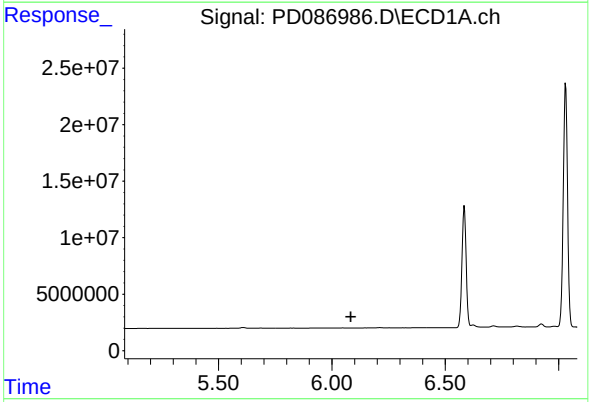
R.T.: 0.000 min
Exp R.T. : 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



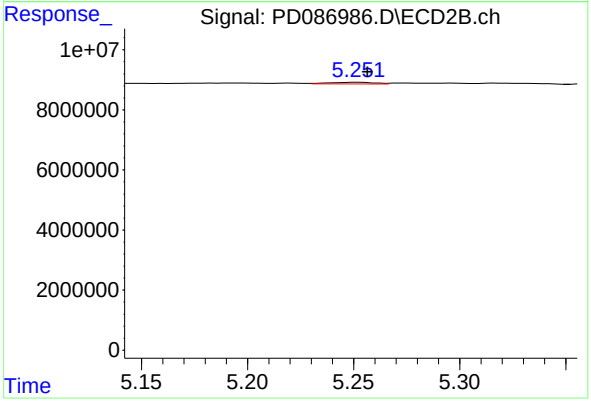
#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 104649
Conc: 0.01 ng/ml



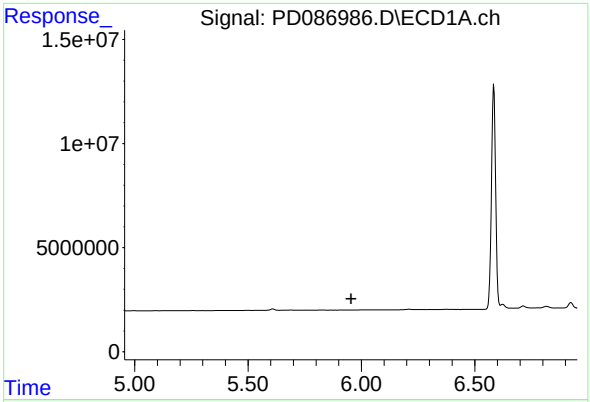
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.084 min
Response: 0
Conc: N.D.



#9 Endosulfan I

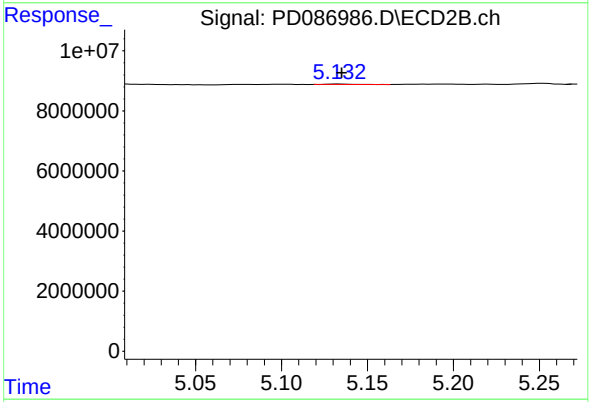
R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 800461
Conc: 0.06 ng/ml



#10 gamma-Chlordane

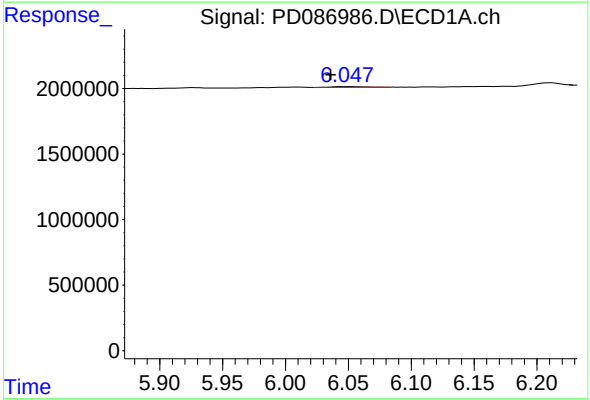
R.T.: 0.000 min
Exp R.T. : 5.955 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



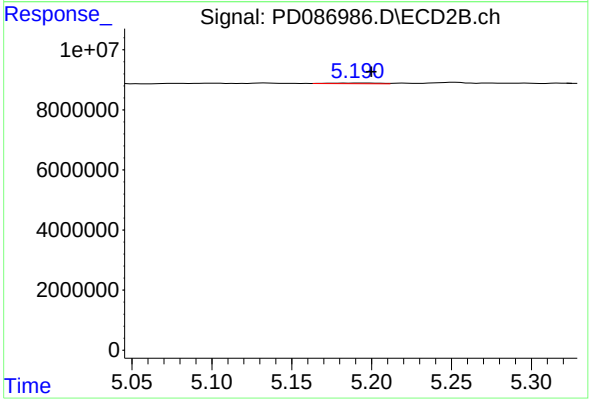
#10 gamma-Chlordane

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 213930
Conc: 0.01 ng/ml



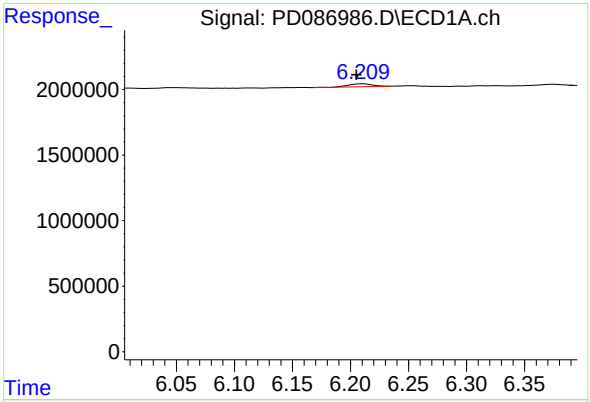
#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.012 min
Response: 111681
Conc: 0.03 ng/ml



#11 alpha-Chlordane

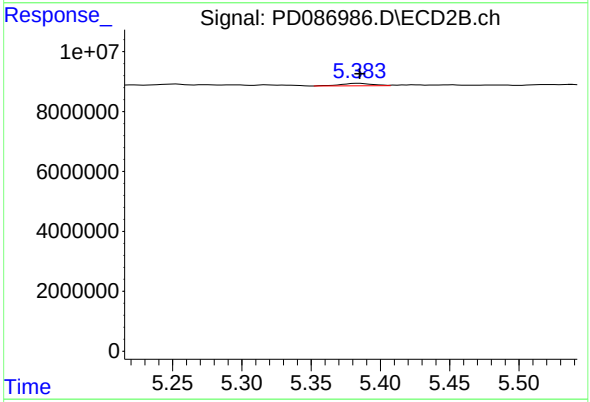
R.T.: 5.191 min
Delta R.T.: -0.008 min
Response: 475887
Conc: 0.03 ng/ml



#12 4,4'-DDE

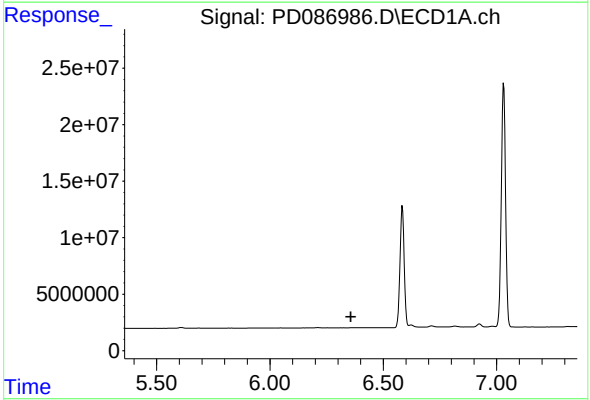
R.T.: 6.211 min
Delta R.T.: 0.006 min
Response: 299148
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



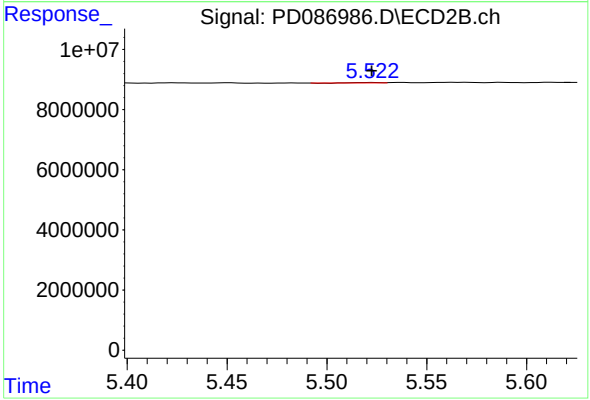
#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 1306160
Conc: 0.09 ng/ml



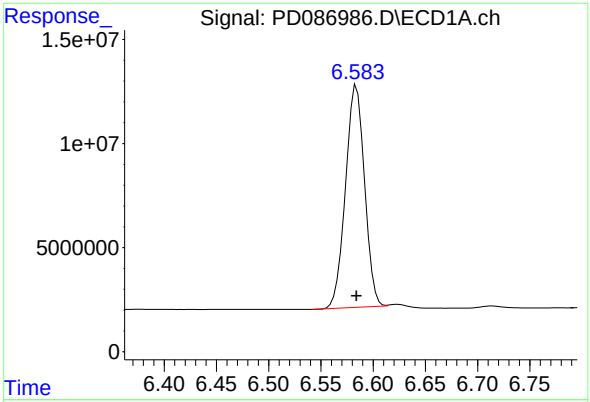
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.357 min
Response: 0
Conc: N.D.



#13 Dieldrin

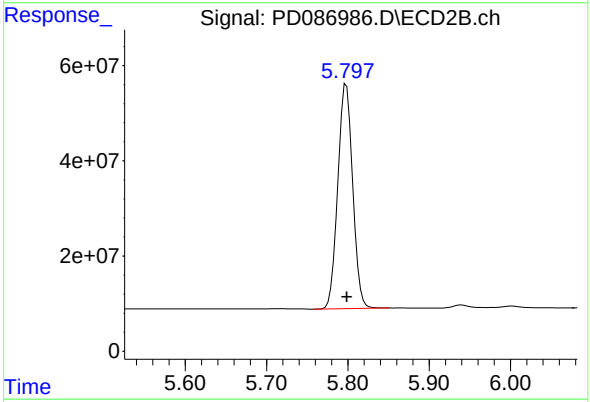
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 61678
Conc: 0.00 ng/ml



#14 Endrin

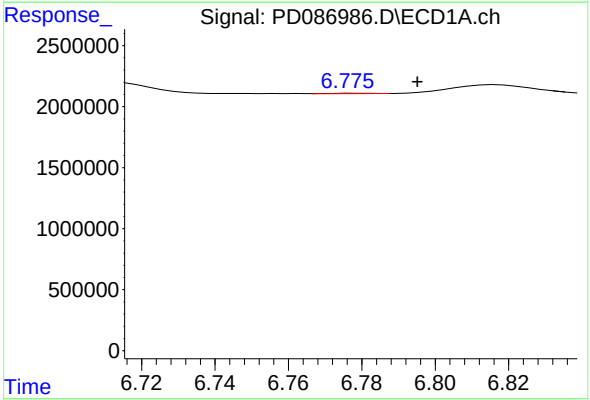
R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 135011899
Conc: 44.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



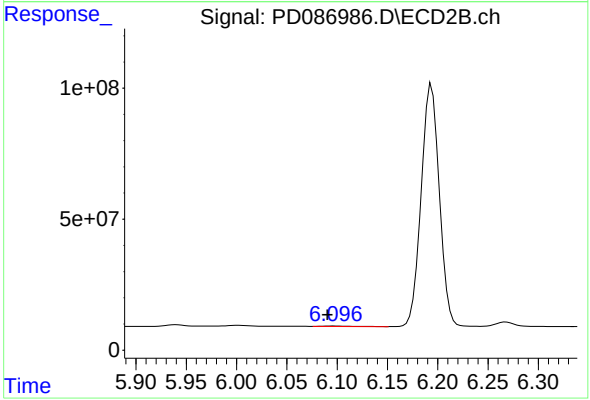
#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 599515307
Conc: 42.86 ng/ml



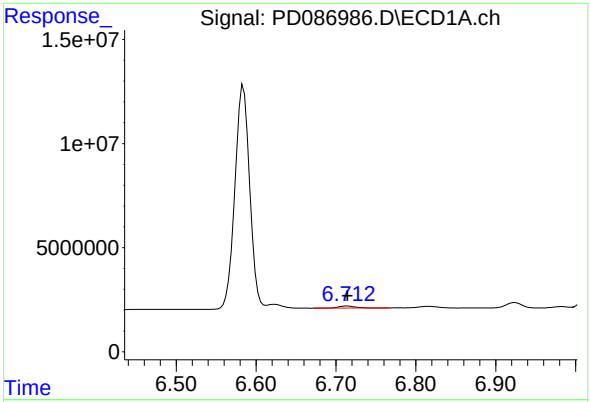
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: -0.017 min
Response: 29889
Conc: 0.01 ng/ml



#15 Endosulfan II

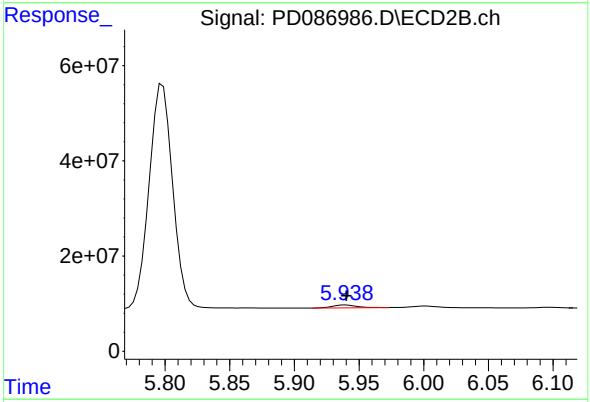
R.T.: 6.097 min
Delta R.T.: 0.007 min
Response: 3422170
Conc: 0.25 ng/ml



#16 4,4'-DDD

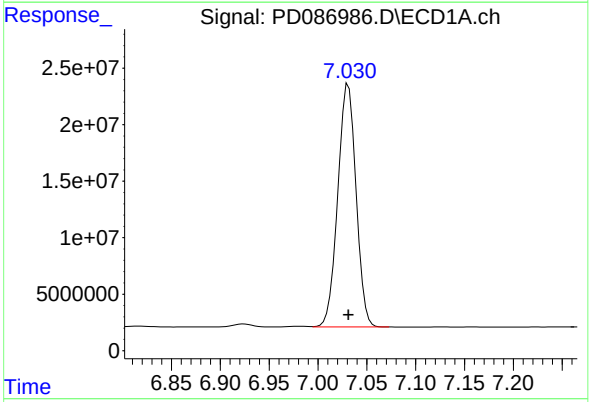
R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1449520
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



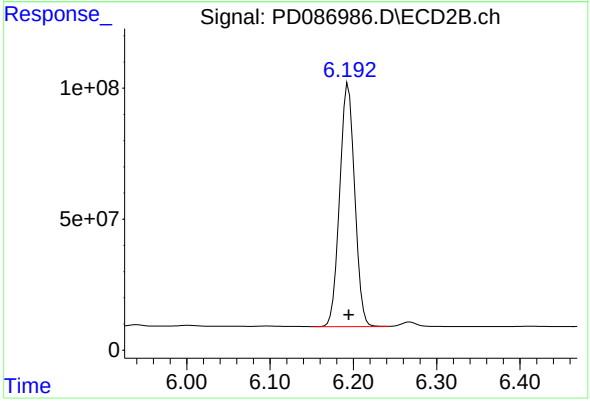
#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 7804377
Conc: 0.62 ng/ml



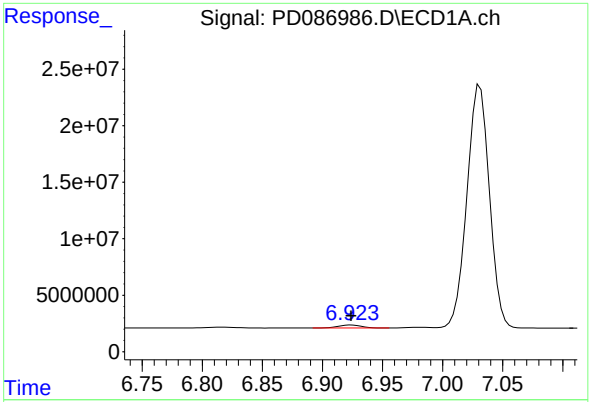
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 280356653
Conc: 99.25 ng/ml



#17 4,4'-DDT

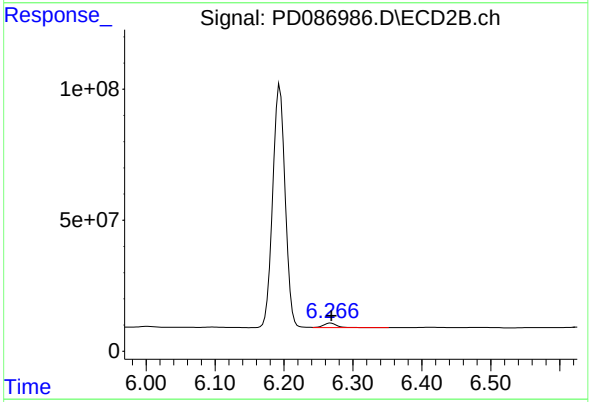
R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 1161670182
Conc: 87.12 ng/ml



#18 Endrin aldehyde

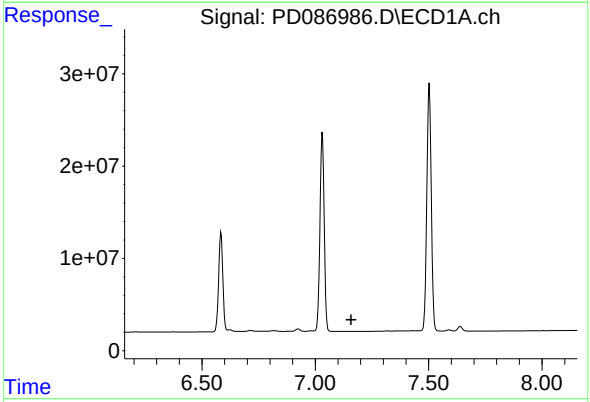
R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 3563637
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



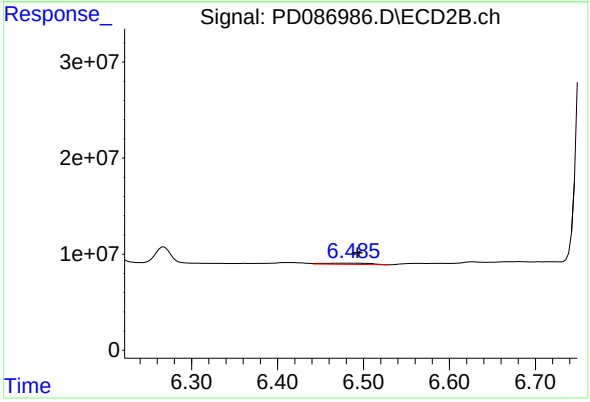
#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 23222623
Conc: 2.09 ng/ml



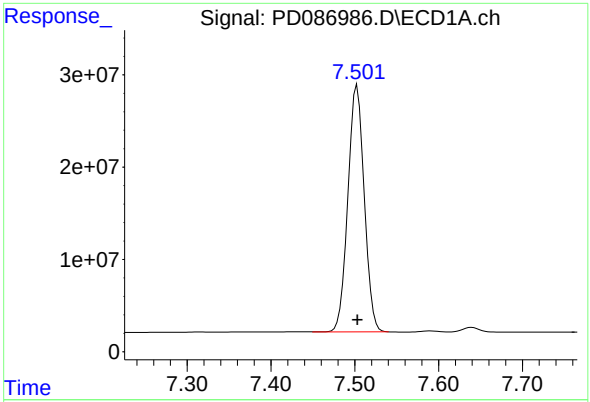
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.158 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

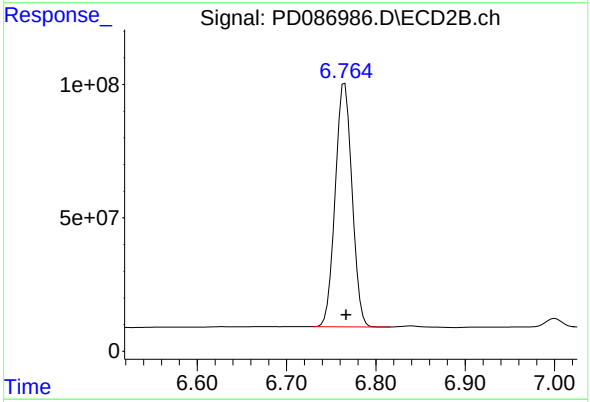
R.T.: 6.484 min
Delta R.T.: -0.008 min
Response: 5091050
Conc: 0.38 ng/ml



#20 Methoxychlor

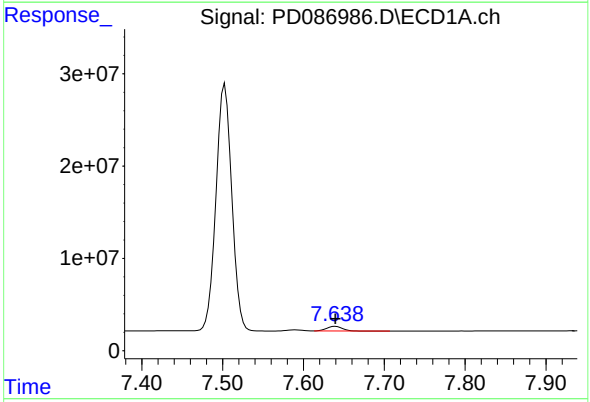
R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 363024983
Conc: 226.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



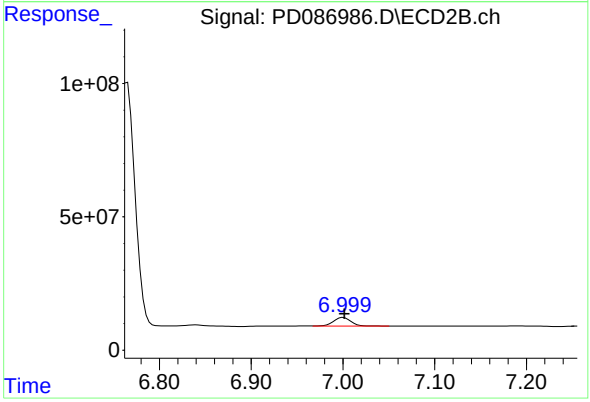
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 1195490006
Conc: 166.66 ng/ml



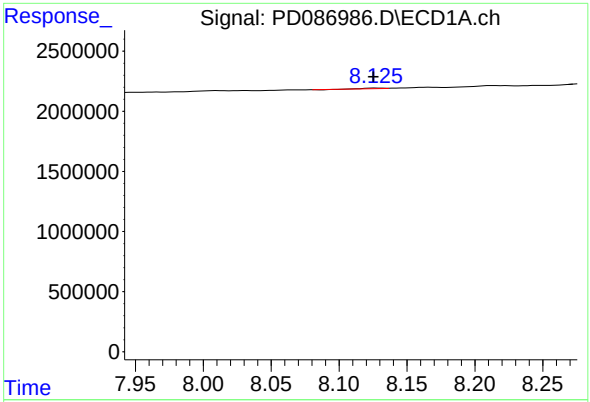
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 6637368
Conc: 2.05 ng/ml



#21 Endrin ketone

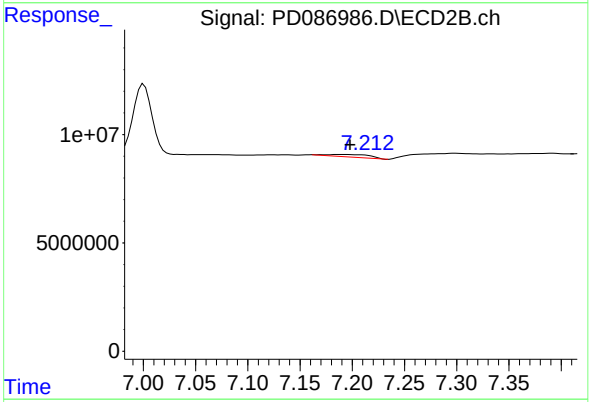
R.T.: 7.000 min
Delta R.T.: -0.001 min
Response: 41617651
Conc: 2.76 ng/ml



#22 Mirex

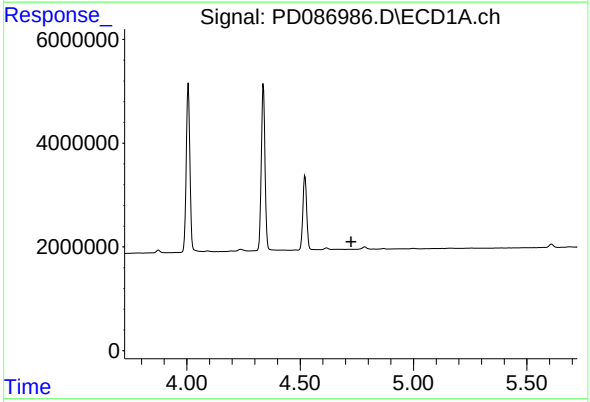
R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 48599
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



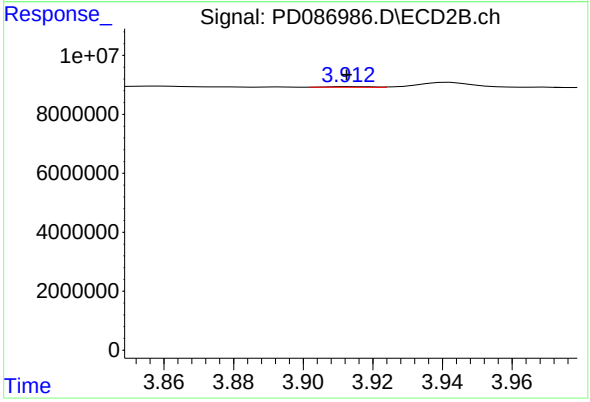
#22 Mirex

R.T.: 7.189 min
Delta R.T.: -0.009 min
Response: 3301116
Conc: 0.27 ng/ml



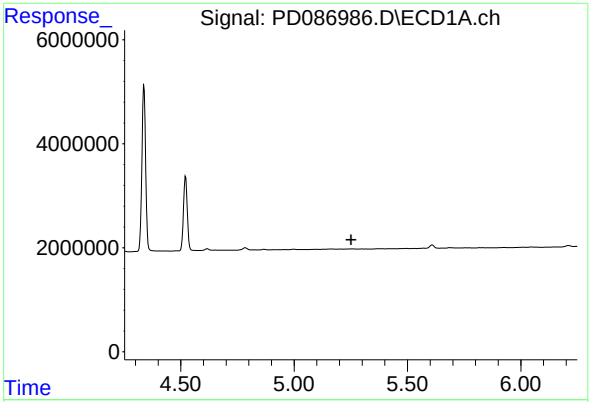
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.725 min
Response: 0
Conc: N.D.



#23 Chlordane-1

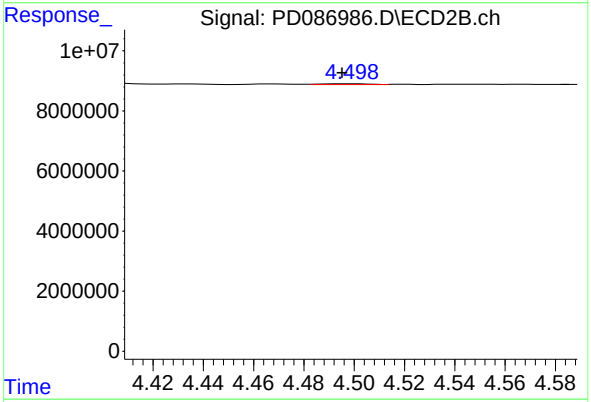
R.T.: 3.914 min
Delta R.T.: 0.001 min
Response: 180221
Conc: 0.35 ng/ml



#24 Chlordane-2

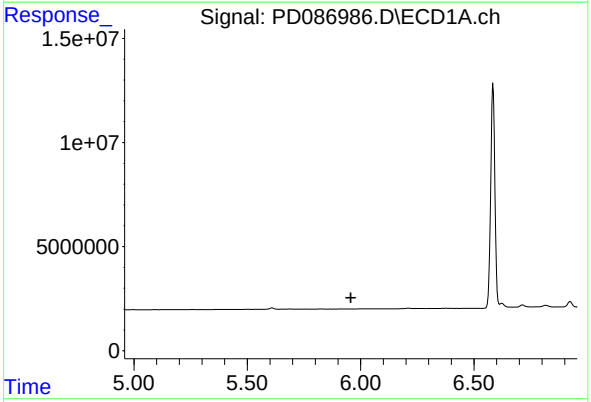
R.T.: 0.000 min
Exp R.T. : 5.251 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



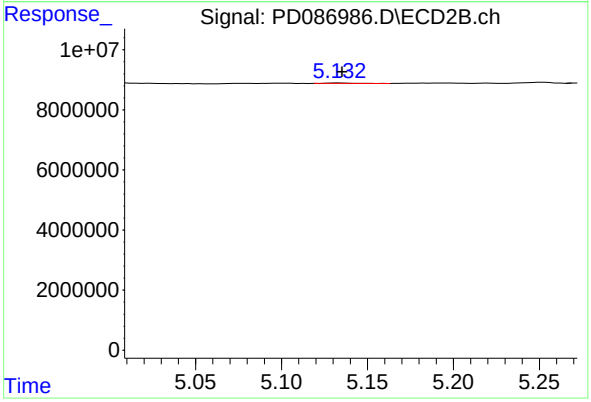
#24 Chlordane-2

R.T.: 4.499 min
Delta R.T.: 0.004 min
Response: 341153
Conc: 0.61 ng/ml



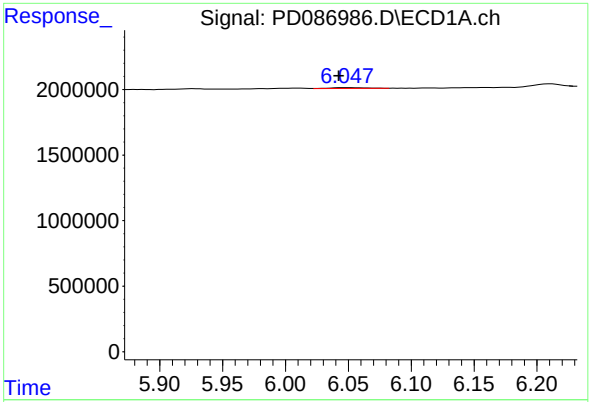
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.956 min
Response: 0
Conc: N.D.



#25 Chlordane-3

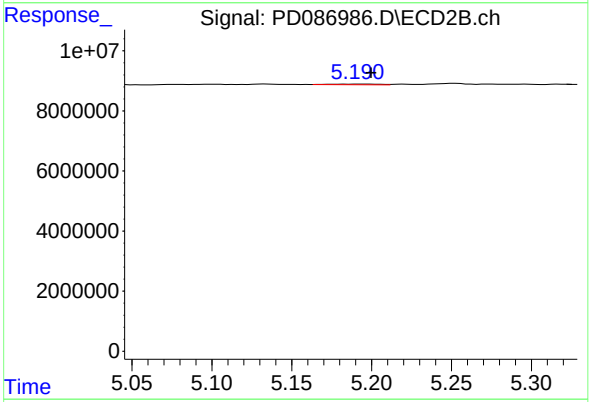
R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 213930
Conc: 0.13 ng/ml



#26 Chlordane-4

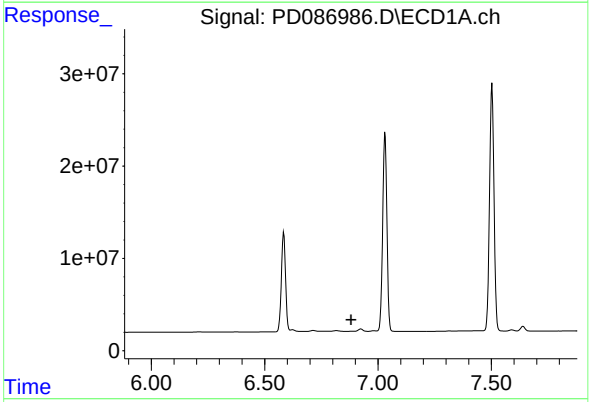
R.T.: 6.048 min
Delta R.T.: 0.006 min
Response: 111681
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



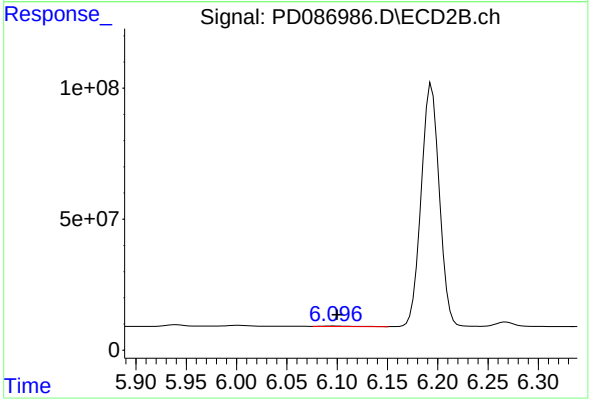
#26 Chlordane-4

R.T.: 5.191 min
Delta R.T.: -0.008 min
Response: 475887
Conc: 0.34 ng/ml



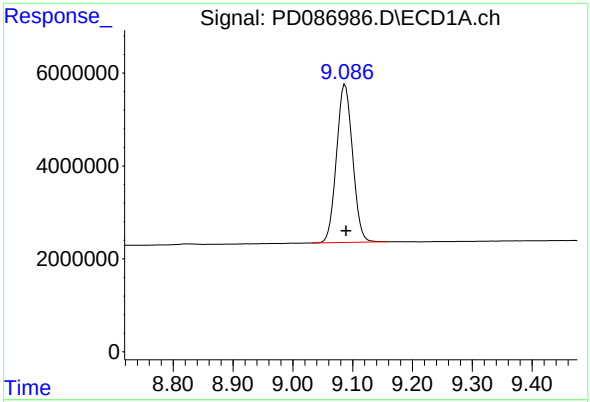
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.



#27 Chlordane-5

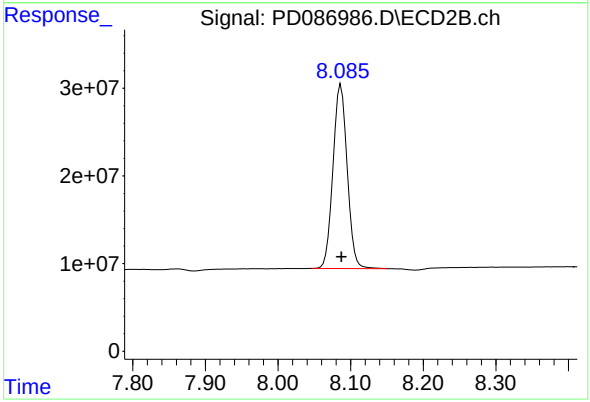
R.T.: 6.097 min
Delta R.T.: -0.003 min
Response: 3422170
Conc: 5.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.001 min
Response: 63677249
Conc: 20.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 285377514
Conc: 20.48 ng/ml