Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 20:36
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: Oct 29 01:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.873	70464084	676.8E6	22.627	22.728	
28)	SA Decachlor...	9.062	8.058	94849943	612.5E6	20.276	20.219	
	Target Compounds							
2)	A alpha-BHC	3.992	3.385	69062345	565.1E6	9.623	11.059	
3)	MA gamma-BHC...	4.323	3.721	66101436	517.7E6	9.722	10.957	
4)	MA Heptachlor	4.898f	4.069	579917	2263541	0.104	0.051	#
5)	MB Aldrin	0.000	4.357	0	3671969	N.D.	0.079	#
6)	B beta-BHC	4.510	4.017	27673181	220.8E6	10.564	11.133	
7)	B delta-BHC	4.769	4.257	2703873	854220	0.400	0.018	#
8)	B Heptachlo...	0.000	4.890f	0	24533849	N.D.	0.575	#
10)	B gamma-Chl...	5.907f	5.115	459450	20030294	0.077	0.446	#
11)	B alpha-Chl...	5.994f	5.194	21566318	19530346	3.490	0.453	#
12)	B 4,4'-DDE	6.188	5.365	394132	21582978	0.074	0.492	#
13)	MA Dieldrin	6.361f	0.000	770684	0	0.132	N.D.	#
14)	MA Endrin	6.566	5.777	224.2E6	1883.4E6	45.266	46.511	
15)	B Endosulfa...	6.799f	6.074	2993158	5940000	0.599	0.158	#
16)	A 4,4'-DDD	6.697	5.918	31941918	323.4E6	7.879	8.875	
17)	MA 4,4'-DDT	7.013	6.171	350.2E6	2999.8E6	85.203	85.530	
18)	B Endrin al...	6.908	6.246	4973023	36819976	1.358	1.330	
19)	B Endosulfa...	0.000	6.462	0	1611935	N.D.	0.045	#
20)	A Methoxychlor	7.486	6.741	451.0E6	3232.7E6	212.189	185.490	
21)	B Endrin ke...	7.622	6.979	15522483	121.1E6	3.195	3.212	
22)	Mirex	8.114	7.163	-51862	5842640	N.D.	0.227	
23)	Chlordane-1	0.000	3.889	0	1020679	N.D.	0.819	#
24)	Chlordane-2	0.000	4.480	0	16572371	N.D.	12.704	#
25)	Chlordane-3	0.000	5.115	0	20030294	N.D.	5.147	#
26)	Chlordane-4	0.000	5.194	0	19530346	N.D.	5.845	#
27)	Chlordane-5	6.867	6.074	931450	5940000	6.199	4.024	#

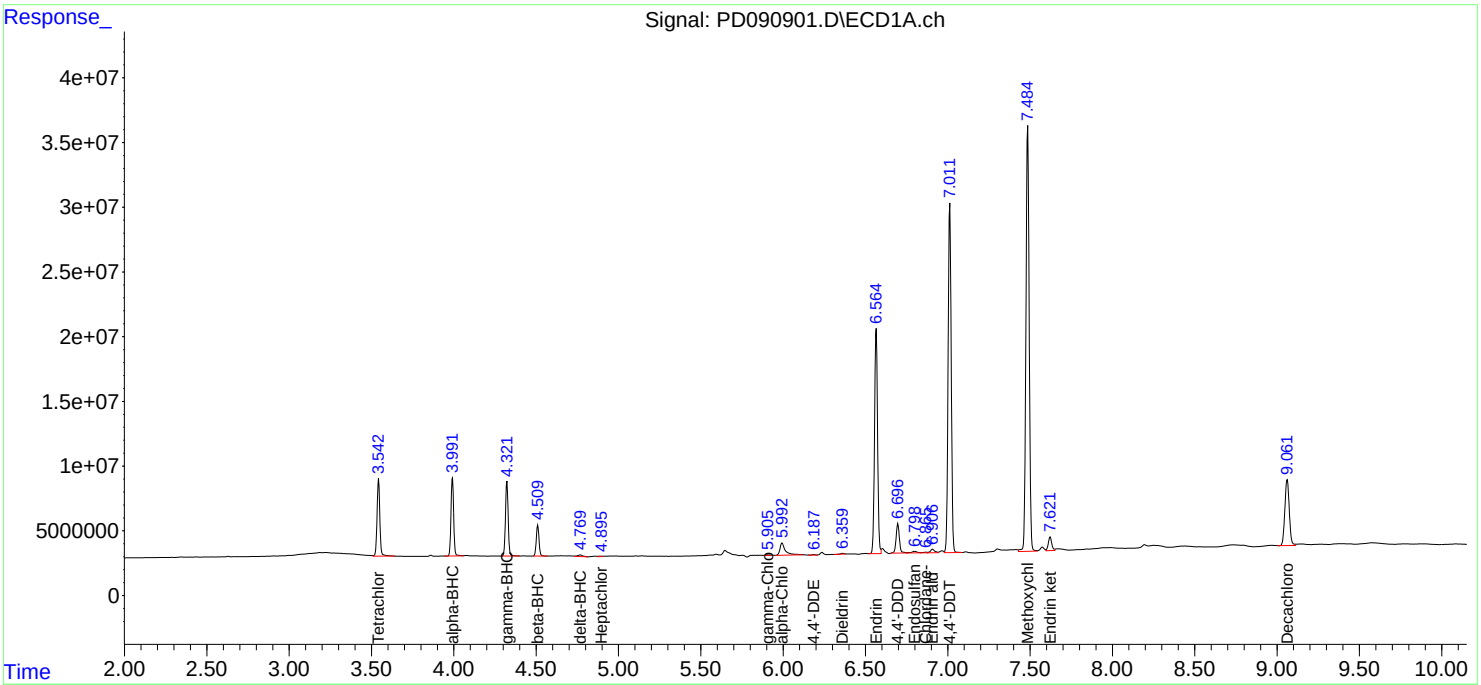
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

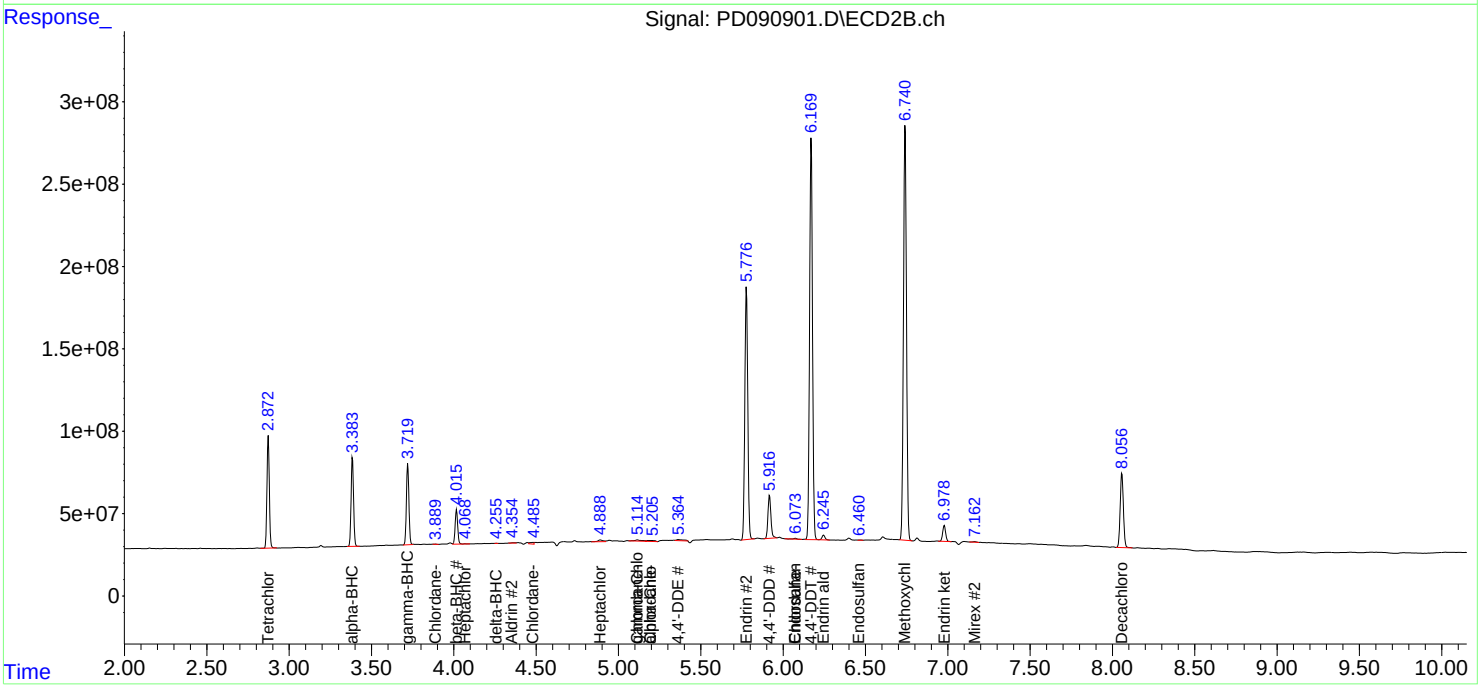
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 20:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

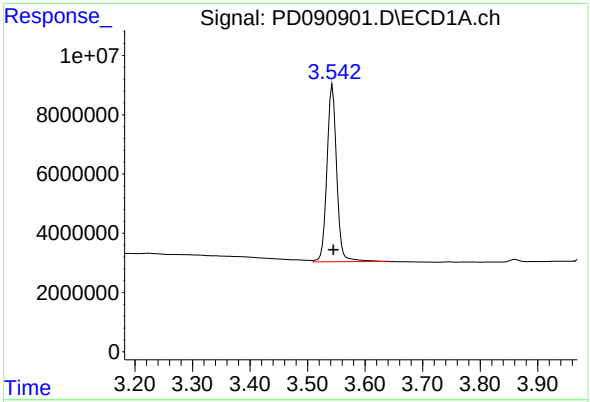
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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



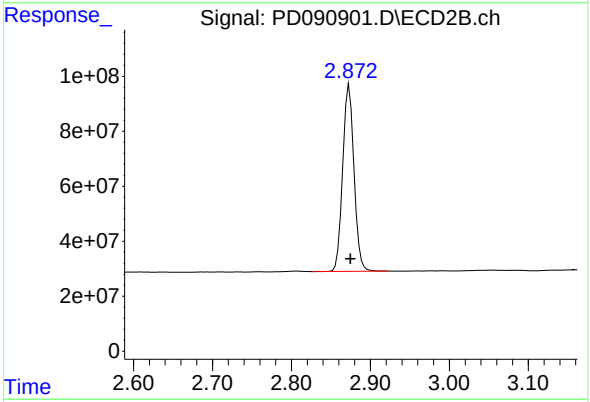




#1 Tetrachloro-m-xylene

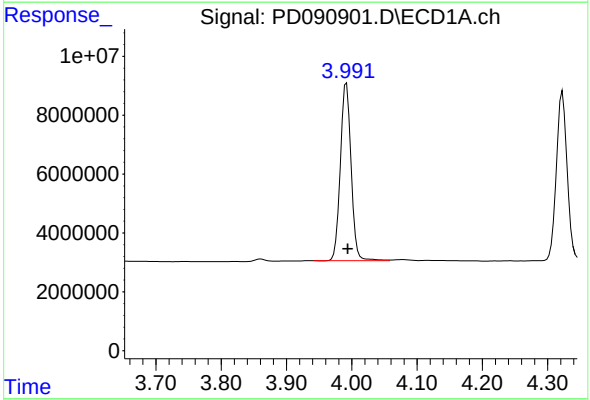
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 70464084
Conc: 22.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



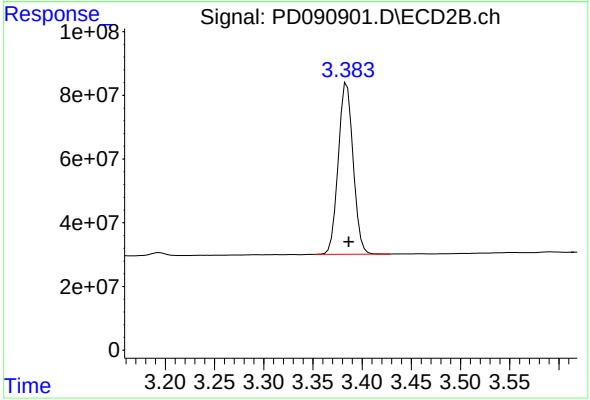
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 676784217
Conc: 22.73 ng/ml



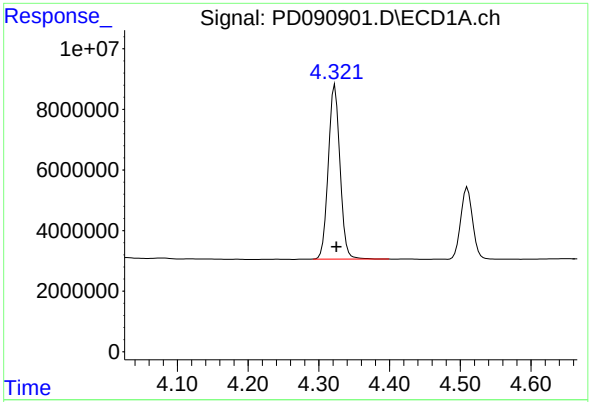
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 69062345
Conc: 9.62 ng/ml



#2 alpha-BHC

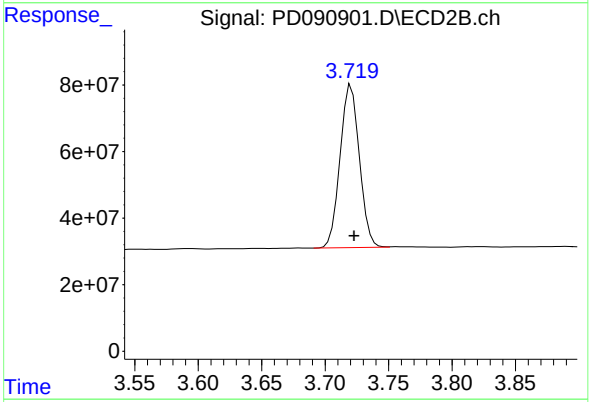
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 565092145
Conc: 11.06 ng/ml



#3 gamma-BHC (Lindane)

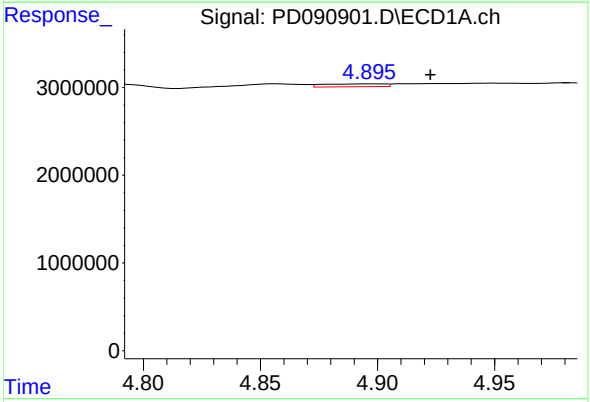
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 66101436
Conc: 9.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



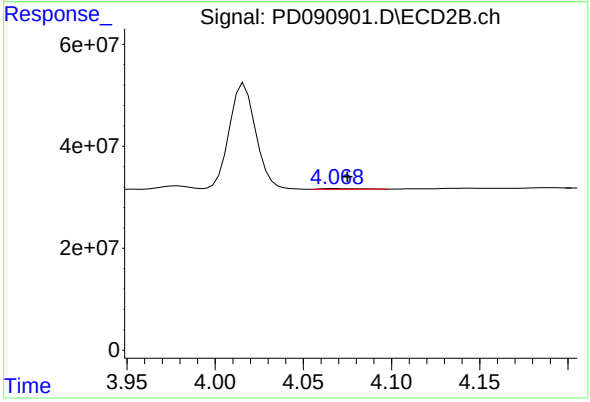
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 517694055
Conc: 10.96 ng/ml



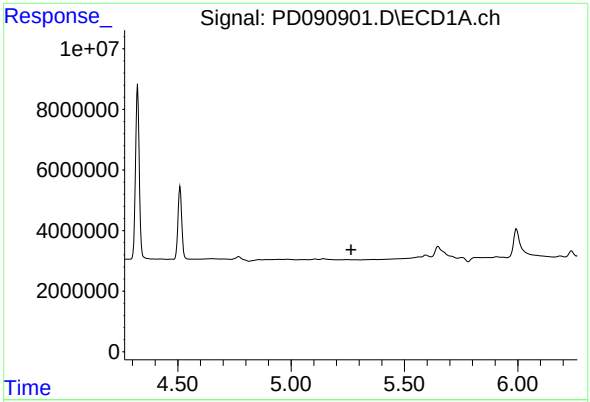
#4 Heptachlor

R.T.: 4.898 min
Delta R.T.: -0.024 min
Response: 579917
Conc: 0.10 ng/ml



#4 Heptachlor

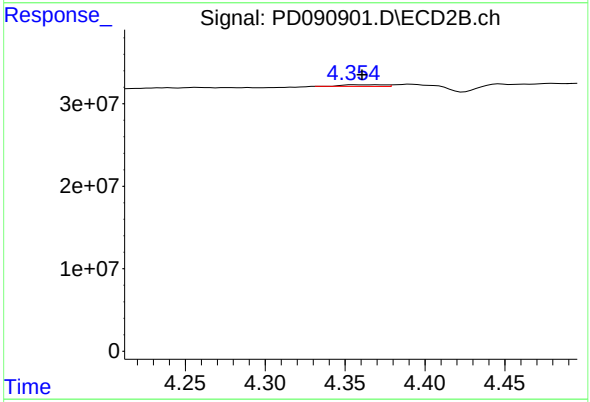
R.T.: 4.069 min
Delta R.T.: -0.006 min
Response: 2263541
Conc: 0.05 ng/ml



#5 Aldrin

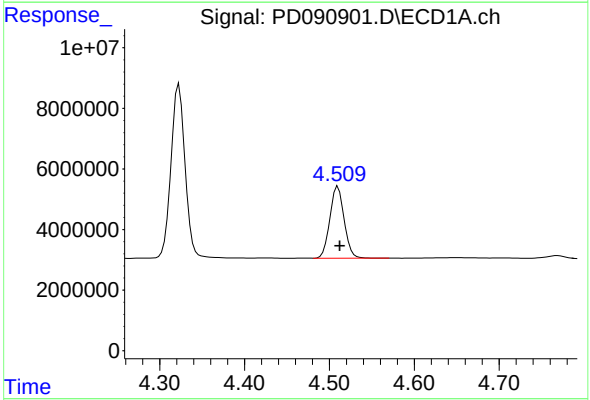
R.T.: 0.000 min
Exp R.T. : 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



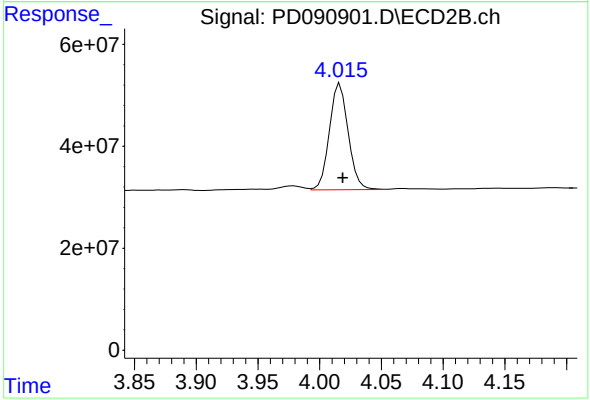
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 3671969
Conc: 0.08 ng/ml



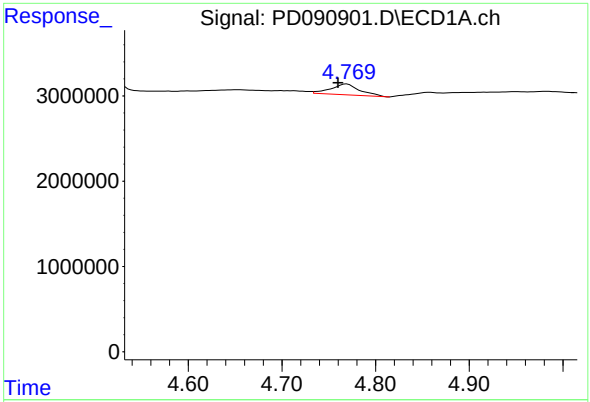
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 27673181
Conc: 10.56 ng/ml



#6 beta-BHC

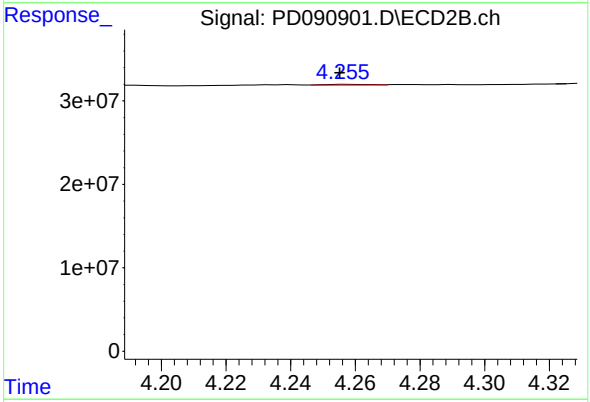
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 220760240
Conc: 11.13 ng/ml



#7 delta-BHC

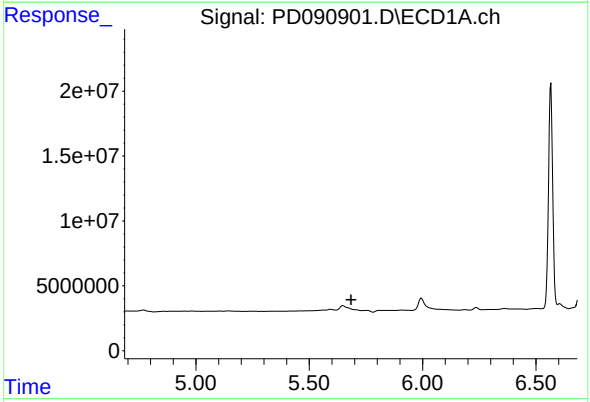
R.T.: 4.769 min
Delta R.T.: 0.009 min
Response: 2703873
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



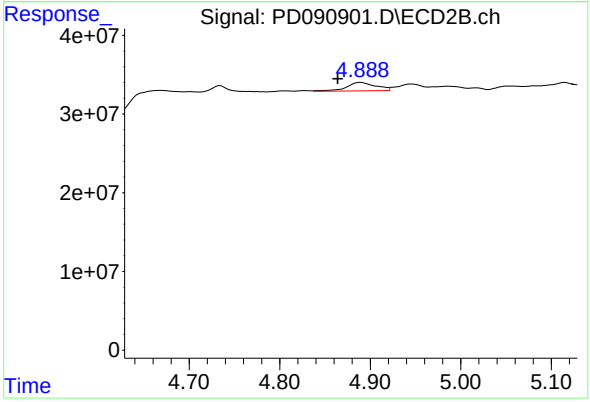
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 854220
Conc: 0.02 ng/ml



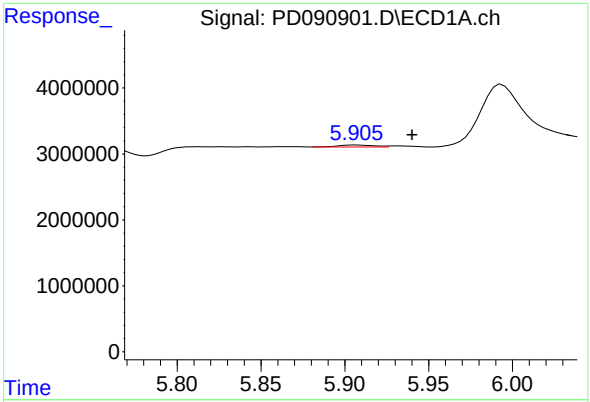
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

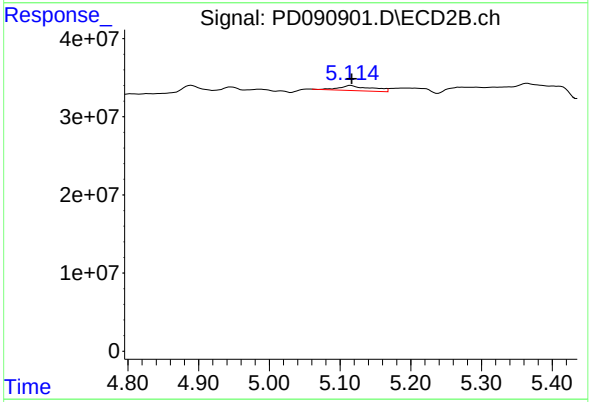
R.T.: 4.890 min
Delta R.T.: 0.026 min
Response: 24533849
Conc: 0.58 ng/ml



#10 gamma-Chlordane

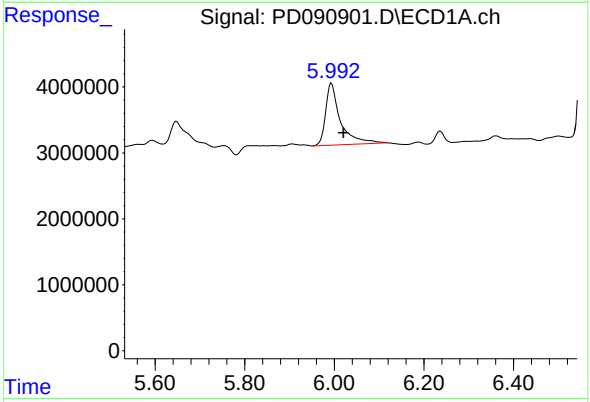
R.T.: 5.907 min
Delta R.T.: -0.033 min
Response: 459450
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



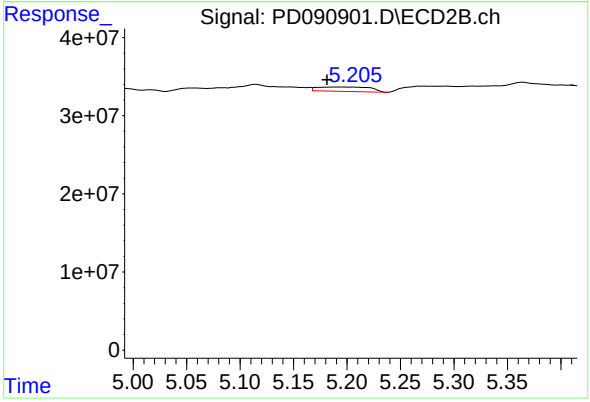
#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 20030294
Conc: 0.45 ng/ml



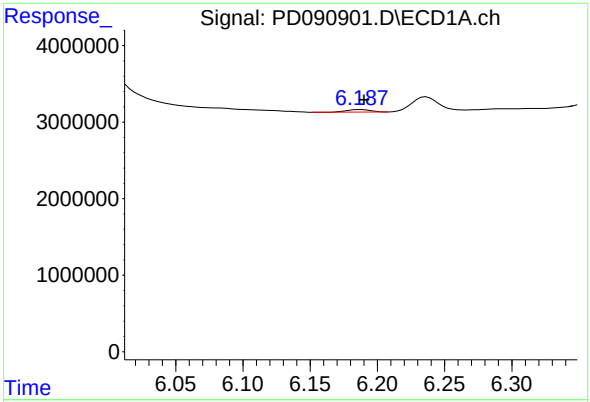
#11 alpha-Chlordane

R.T.: 5.994 min
Delta R.T.: -0.027 min
Response: 21566318
Conc: 3.49 ng/ml



#11 alpha-Chlordane

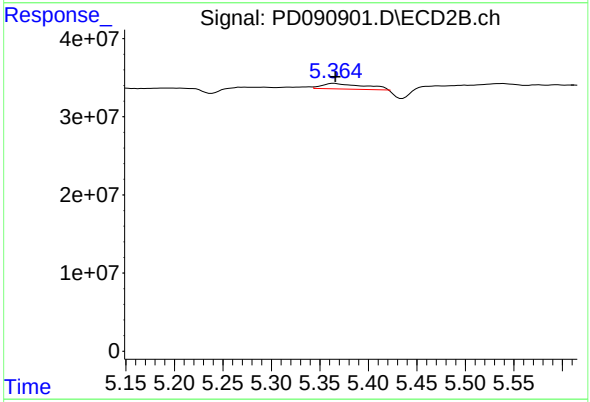
R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 19530346
Conc: 0.45 ng/ml



#12 4,4'-DDE

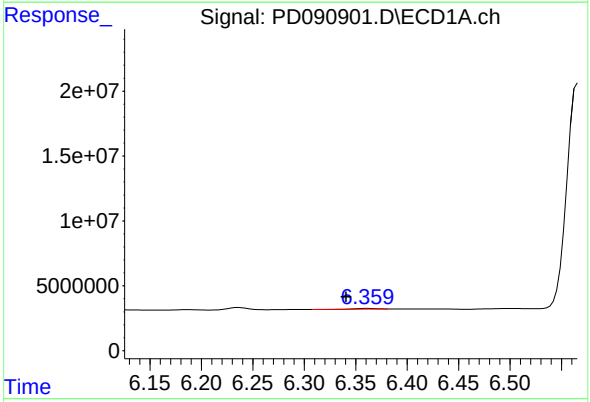
R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 394132
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



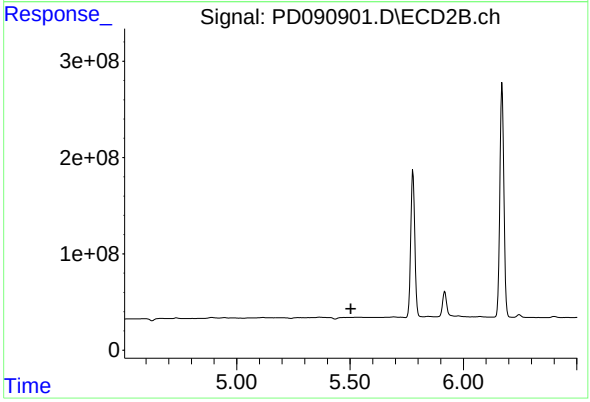
#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 21582978
Conc: 0.49 ng/ml



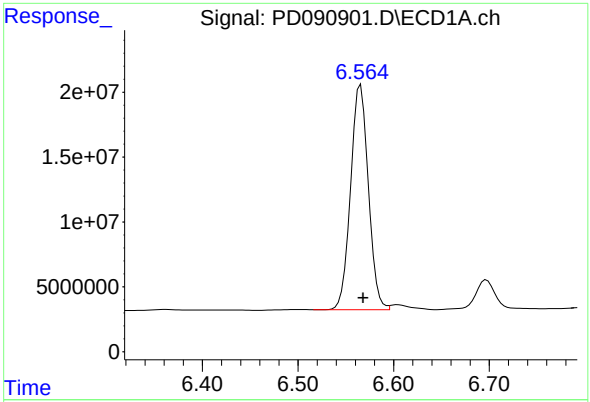
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.020 min
Response: 770684
Conc: 0.13 ng/ml



#13 Dieldrin

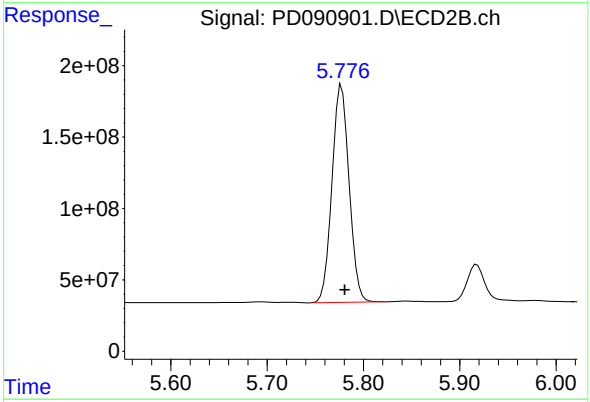
R.T.: 0.000 min
Exp R.T. : 5.504 min
Response: 0
Conc: N.D.



#14 Endrin

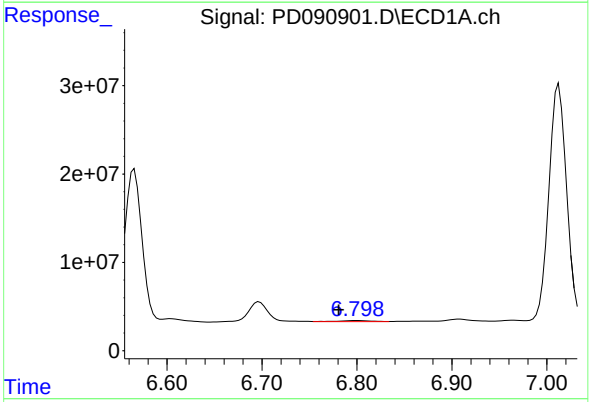
R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 224232347
Conc: 45.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



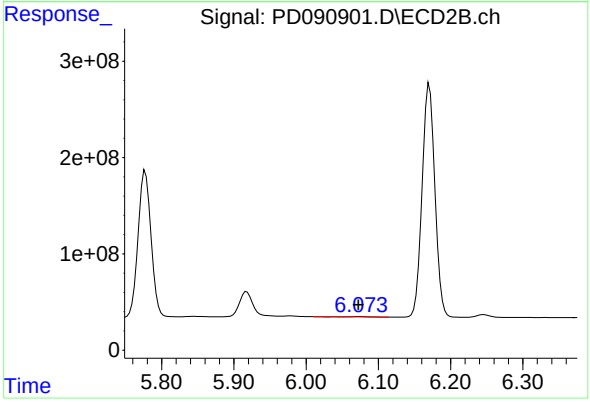
#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 1883417322
Conc: 46.51 ng/ml



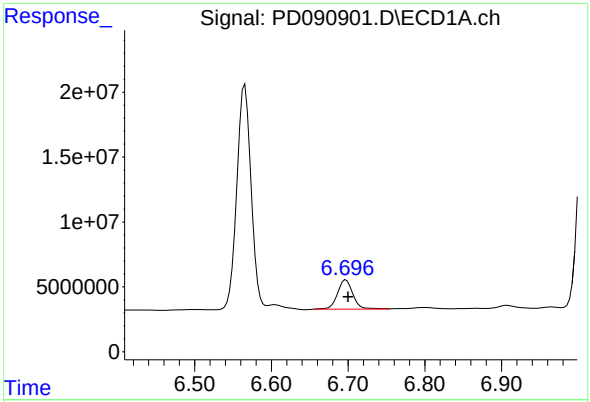
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.018 min
Response: 2993158
Conc: 0.60 ng/ml



#15 Endosulfan II

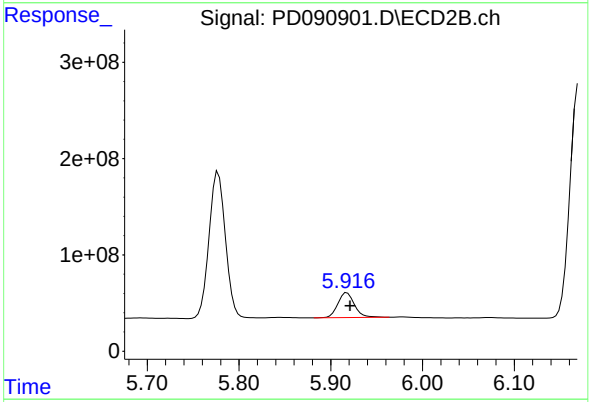
R.T.: 6.074 min
Delta R.T.: 0.002 min
Response: 5940000
Conc: 0.16 ng/ml



#16 4,4'-DDD

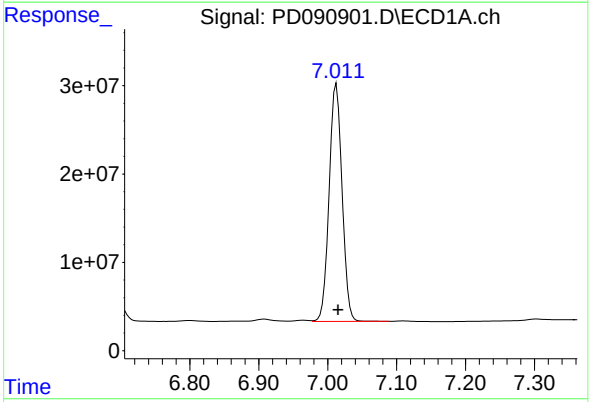
R.T.: 6.697 min
Delta R.T.: -0.003 min
Response: 31941918
Conc: 7.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



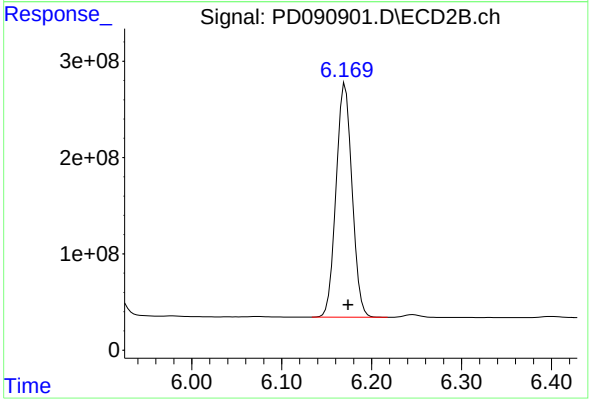
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 323376960
Conc: 8.87 ng/ml



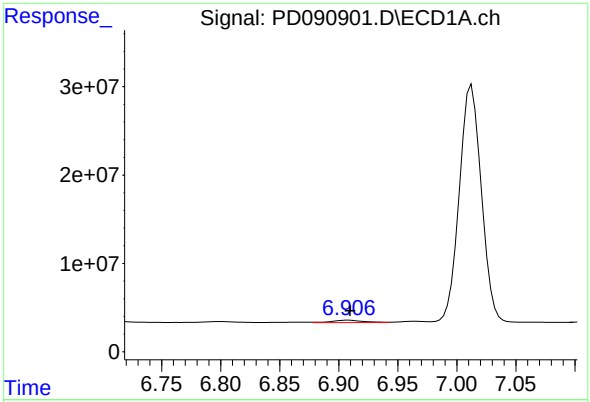
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 350224213
Conc: 85.20 ng/ml



#17 4,4'-DDT

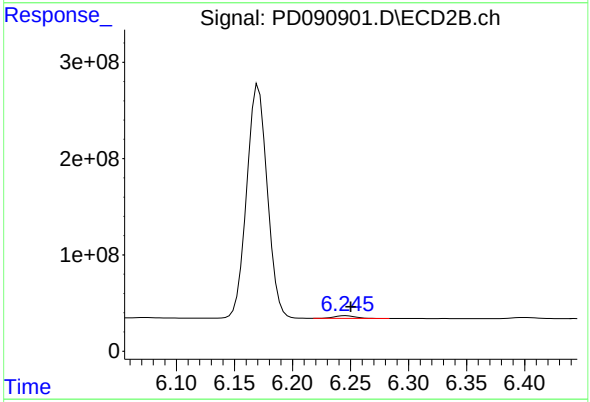
R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 2999785313
Conc: 85.53 ng/ml



#18 Endrin aldehyde

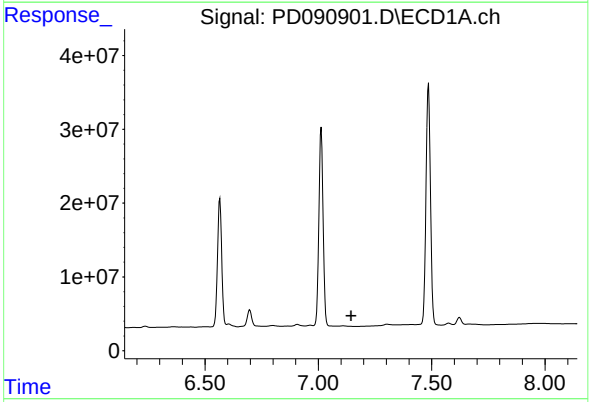
R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 4973023
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



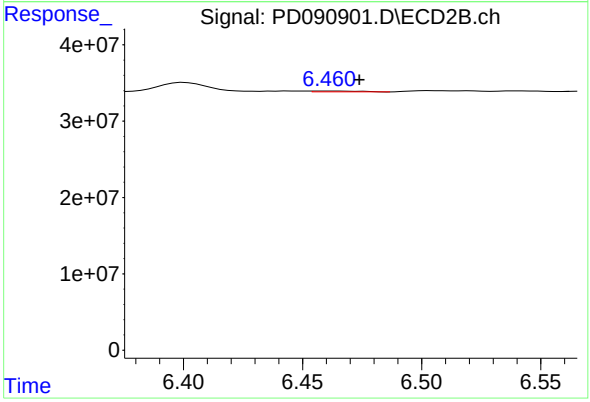
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 36819976
Conc: 1.33 ng/ml



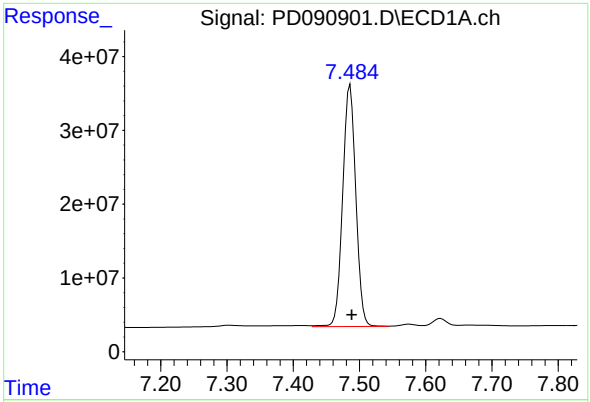
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.145 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

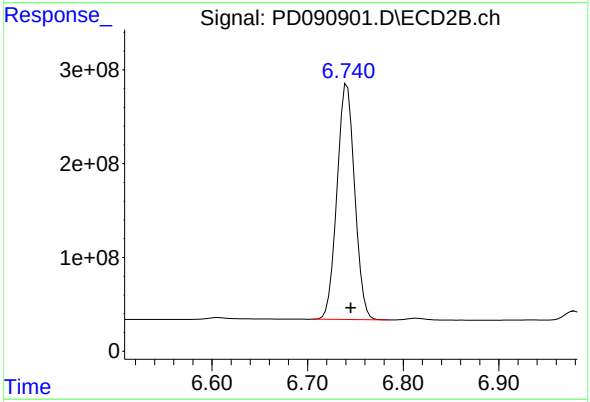
R.T.: 6.462 min
Delta R.T.: -0.012 min
Response: 1611935
Conc: 0.04 ng/ml



#20 Methoxychlor

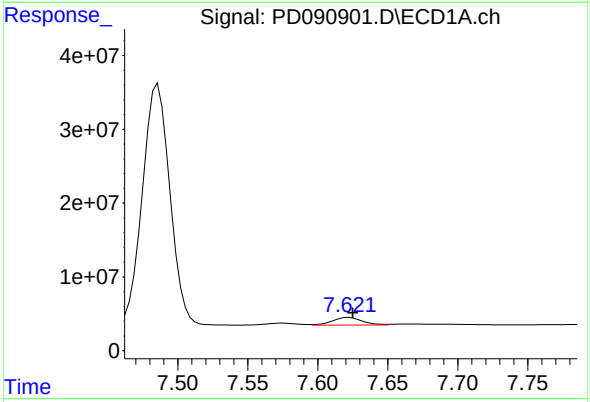
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 451026181
Conc: 212.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



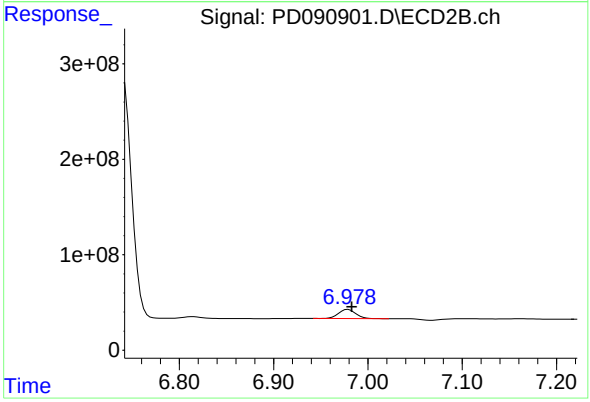
#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 3232677278
Conc: 185.49 ng/ml



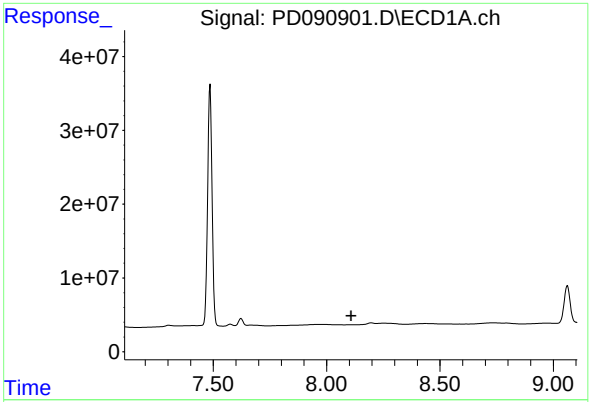
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 15522483
Conc: 3.19 ng/ml



#21 Endrin ketone

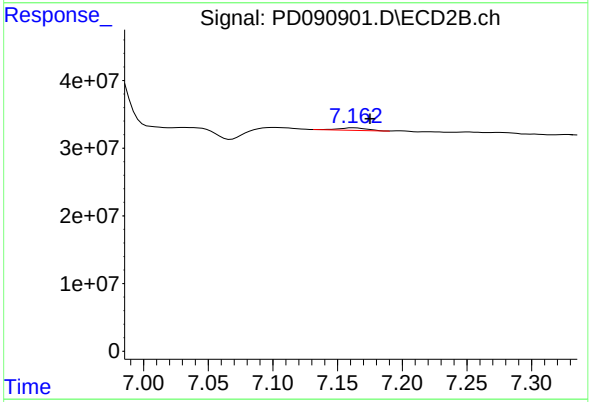
R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 121149312
Conc: 3.21 ng/ml



#22 Mirex

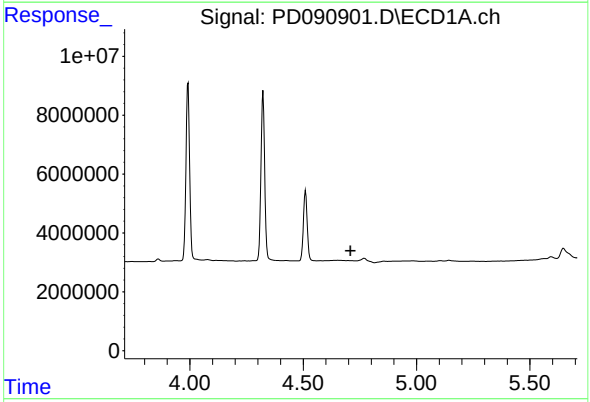
R.T.: 8.114 min
Delta R.T.: 0.007 min
Response: -51862
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



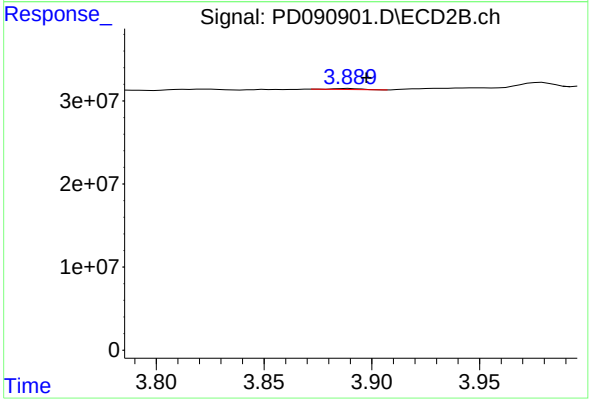
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.012 min
Response: 5842640
Conc: 0.23 ng/ml



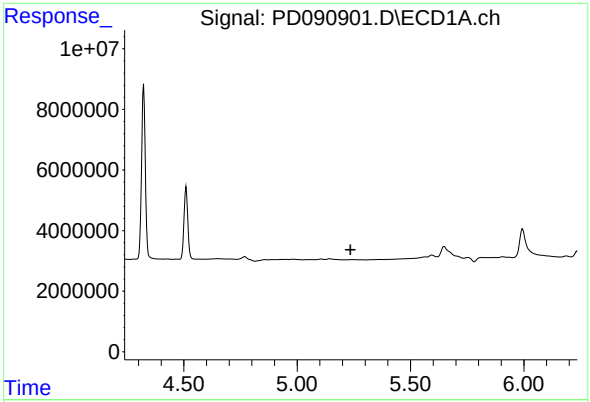
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.



#23 Chlordane-1

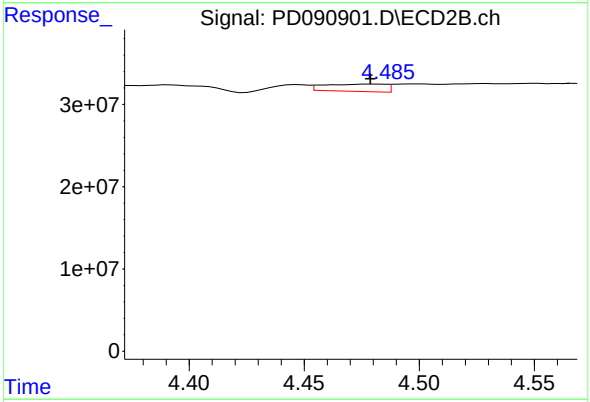
R.T.: 3.889 min
Delta R.T.: -0.008 min
Response: 1020679
Conc: 0.82 ng/ml



#24 Chlordane-2

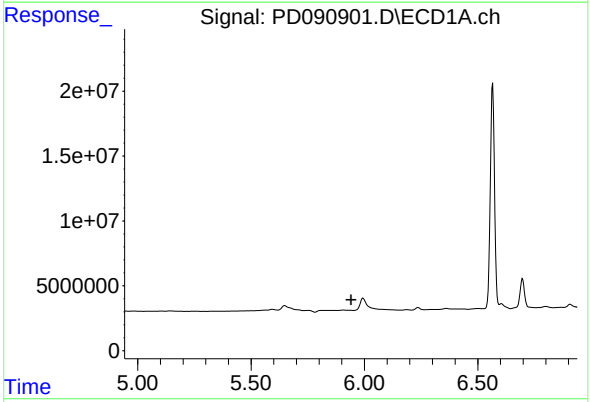
R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



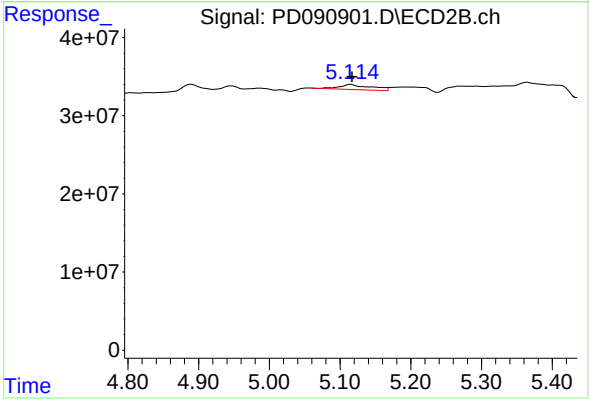
#24 Chlordane-2

R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 16572371
Conc: 12.70 ng/ml



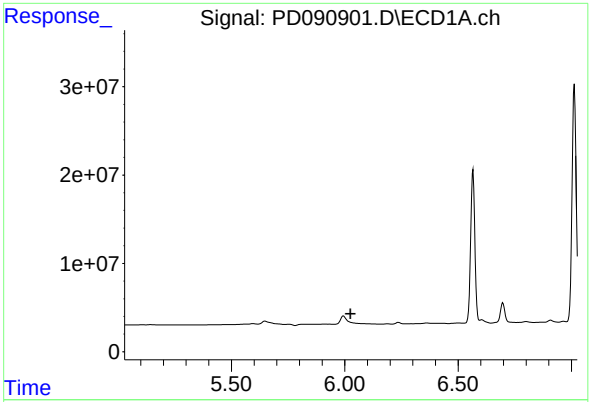
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#25 Chlordane-3

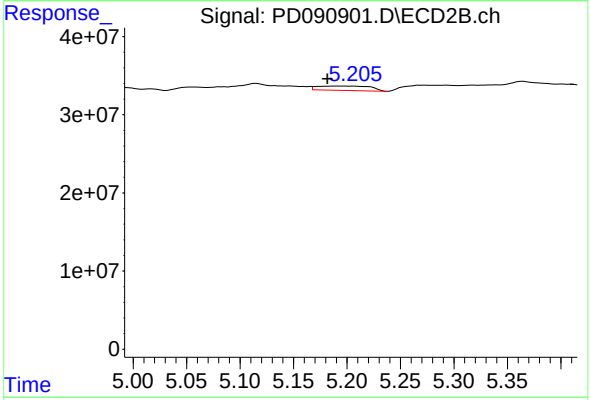
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 20030294
Conc: 5.15 ng/ml



#26 Chlordane-4

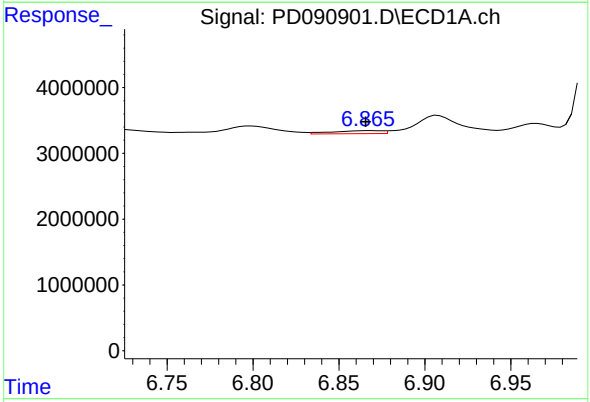
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



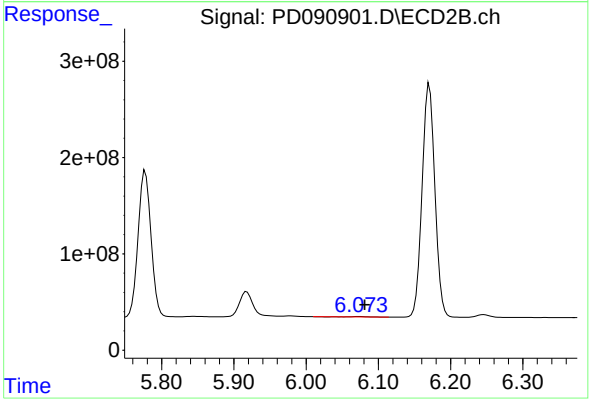
#26 Chlordane-4

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 19530346
Conc: 5.85 ng/ml



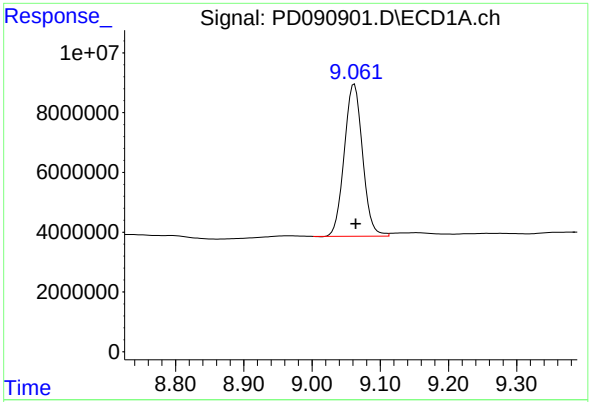
#27 Chlordane-5

R.T.: 6.867 min
Delta R.T.: 0.002 min
Response: 931450
Conc: 6.20 ng/ml



#27 Chlordane-5

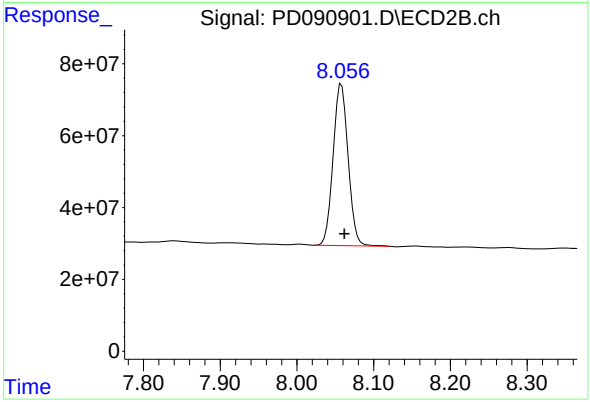
R.T.: 6.074 min
Delta R.T.: -0.007 min
Response: 5940000
Conc: 4.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 94849943
Conc: 20.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 612450251
Conc: 20.22 ng/ml