

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102018\
 Data File : PD049920.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Oct 2018 16:47
 Operator : AJ\SJ
 Sample : PEM33
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM32

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 05:16:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101918CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 05:13:06 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	4.228	4.060	12532785	658.2E6	18.947	21.759
27)	SA Decachlor...	9.013	9.170	13724583	421.5E6	20.542	23.722
Target Compounds							
2)	A alpha-BHC	4.681	4.453	8149959	502.5E6	9.076	11.198
3)	MA gamma-BHC...	4.973	4.740	8448218	463.1E6	9.164	11.493 #
6)	B beta-BHC	5.212	4.907	3986873	215.2E6	9.821	11.626
8)	B Heptachlo...	0.000	5.939	0	45938009	N.D.	1.479
9)	A Endosulfan I	0.000	6.268f	0	2058654	N.D.	<MDL
11)	B cis-Chlor...	0.000	6.268	0	2058654	N.D.	<MDL
12)	B 4,4'-DDE	0.000	6.410	0	8810888	N.D.	0.332
14)	MA Endrin	6.833	6.783	34990833	1151.9E6	55.714	56.932
15)	B Endosulfa...	0.000	6.992	0	5181409	N.D.	0.234
16)	A 4,4'-DDD	0.000	6.910	0	10341959	N.D.	0.491
17)	MA 4,4'-DDT	7.165	7.202	64231718	1882.6E6	107.539	120.043
20)	A Methoxychlor	7.692	7.659	91813557	2328.4E6	263.557	293.793
21)	B Endrin ke...	7.960	7.812	737992	9248750	1.045	0.506 #
22)	Toxaphene-1	0.000	6.482	0	10441040	N.D.	83.308
23)	Toxaphene-2	0.000	6.783	0	1151.9E6	N.D.	7979.688
24)	Toxaphene-3	7.165	7.202	64231718	1882.6E6	4794.329	10331.005 #
26)	Toxaphene-5	0.000	7.741	0	10887710	N.D.	50.726

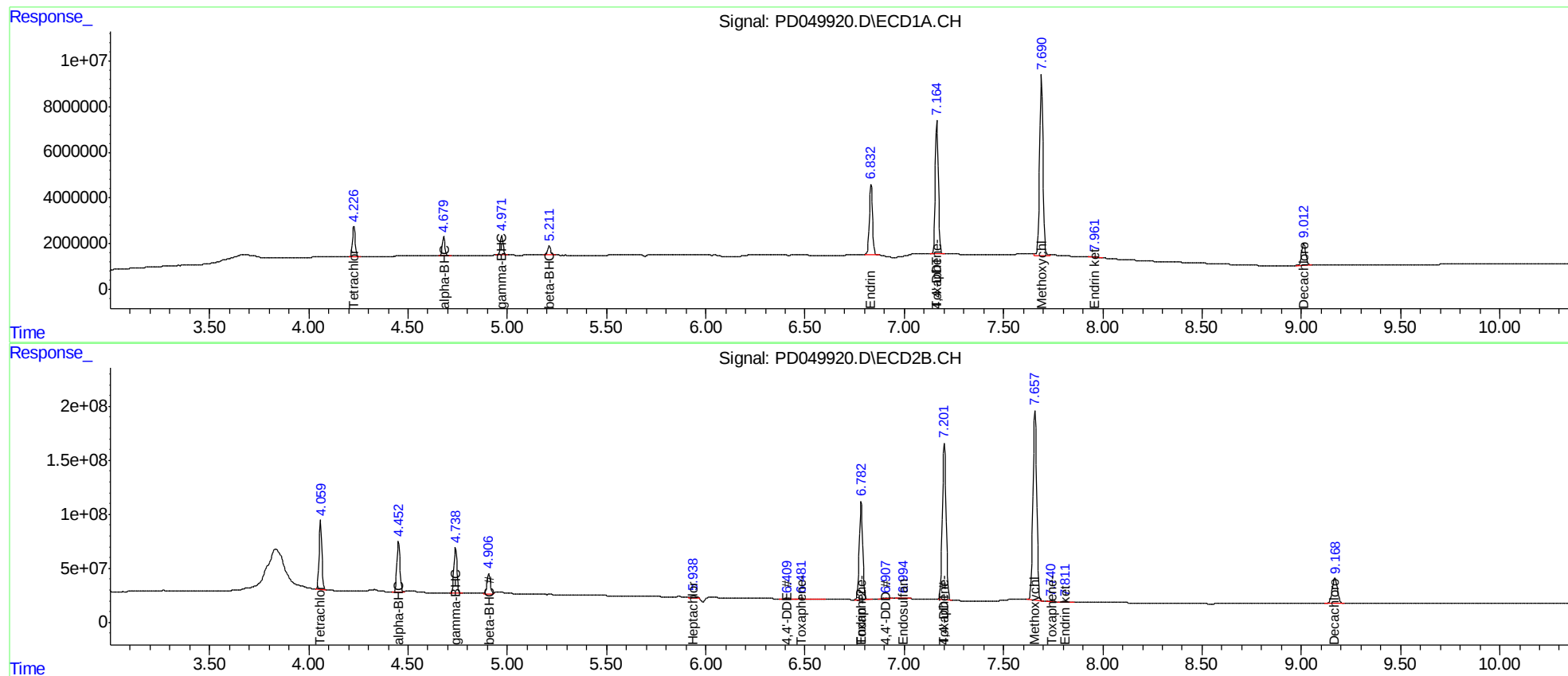
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

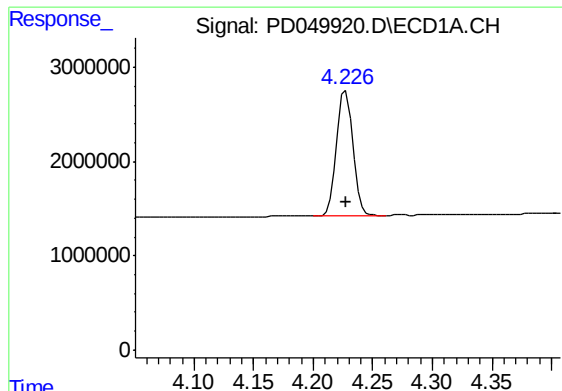
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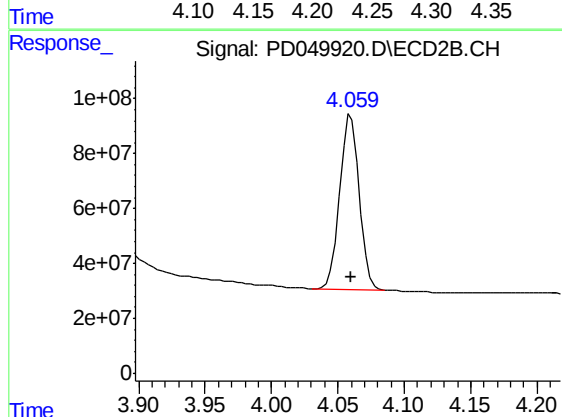




#1 Tetrachloro-m-xylene

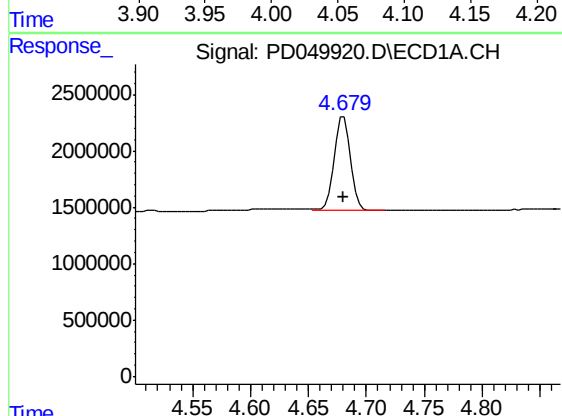
R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 12532785
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM32



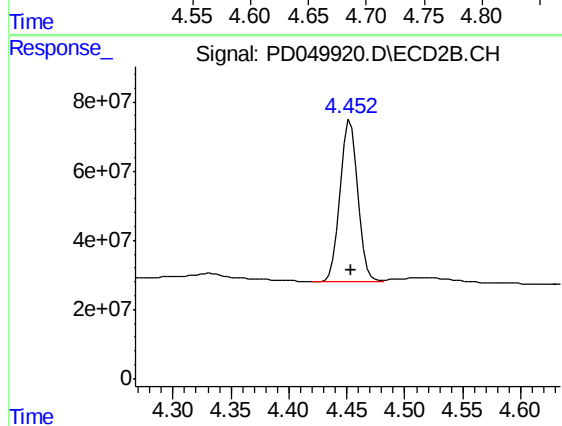
#1 Tetrachloro-m-xylene

R.T.: 4.060 min
Delta R.T.: 0.000 min
Response: 658164792
Conc: 21.76 ng/ml



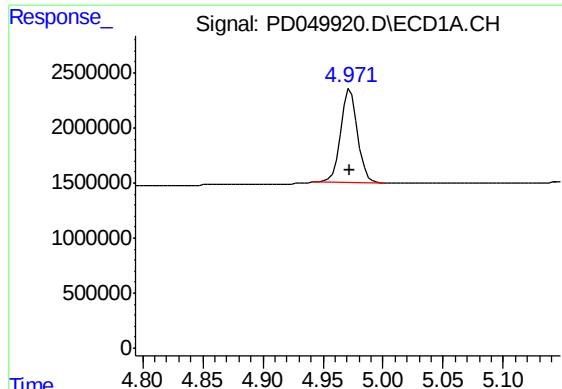
#2 alpha-BHC

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 8149959
Conc: 9.08 ng/ml



#2 alpha-BHC

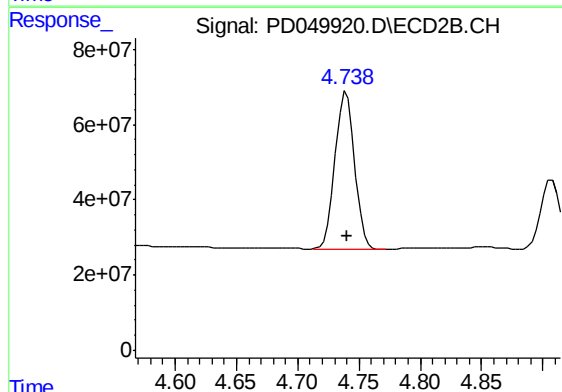
R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 502508027
Conc: 11.20 ng/ml



#3 gamma-BHC (Lindane)

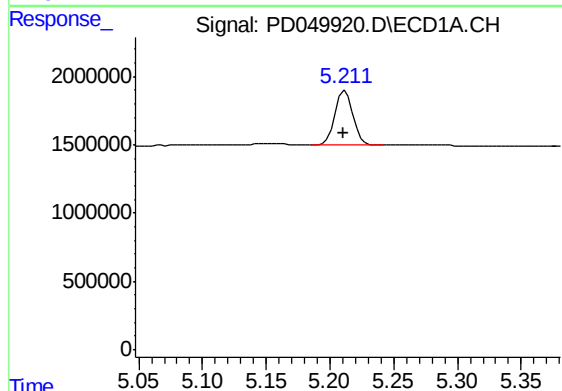
R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 8448218
Conc: 9.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM32



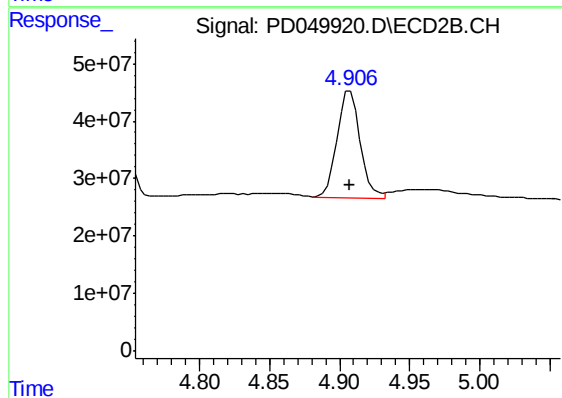
#3 gamma-BHC (Lindane)

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 463126338
Conc: 11.49 ng/ml



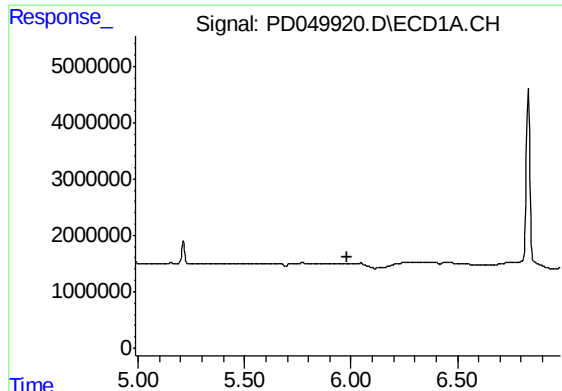
#6 beta-BHC

R.T.: 5.212 min
Delta R.T.: 0.002 min
Response: 3986873
Conc: 9.82 ng/ml



#6 beta-BHC

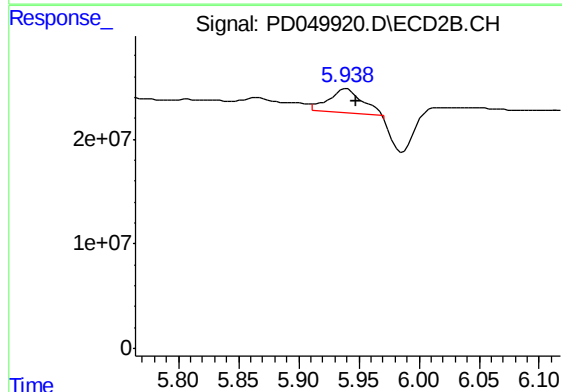
R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 215196455
Conc: 11.63 ng/ml



#8 Heptachlor epoxide

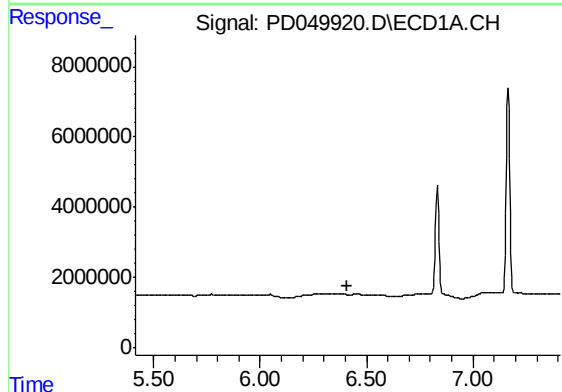
R.T.: 0.000 min
Exp R.T. : 5.985 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM32



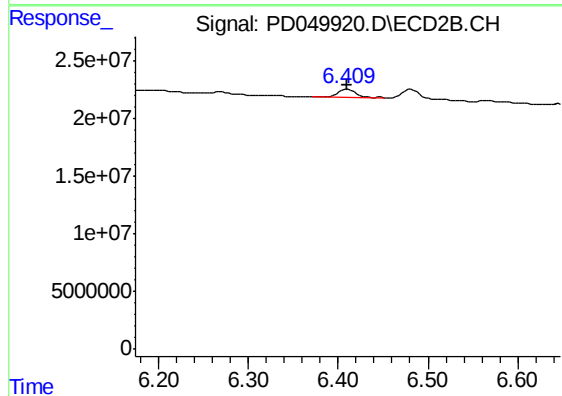
#8 Heptachlor epoxide

R.T.: 5.939 min
Delta R.T.: -0.009 min
Response: 45938009
Conc: 1.48 ng/ml



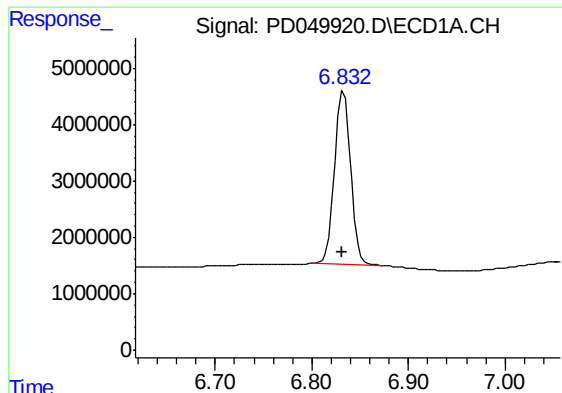
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.412 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

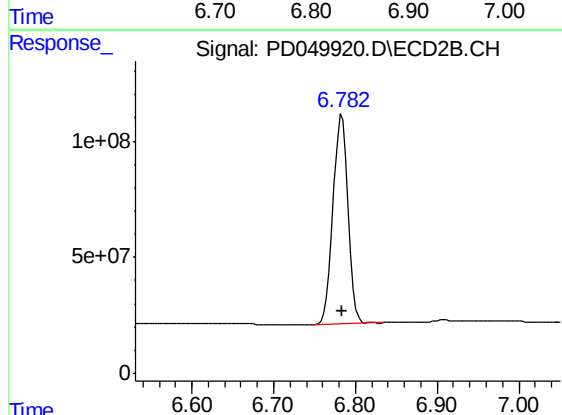
R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 8810888
Conc: 0.33 ng/ml



#14 Endrin

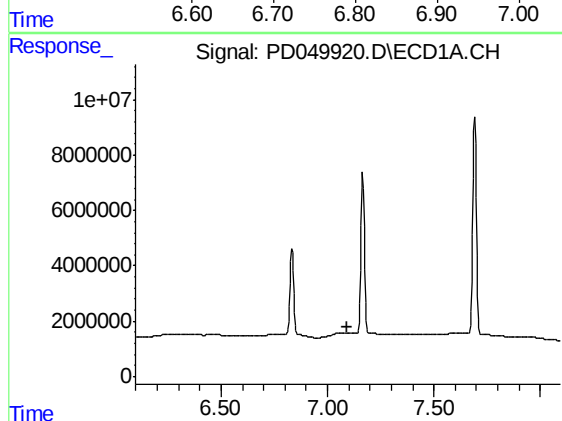
R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 34990833
Conc: 55.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM32



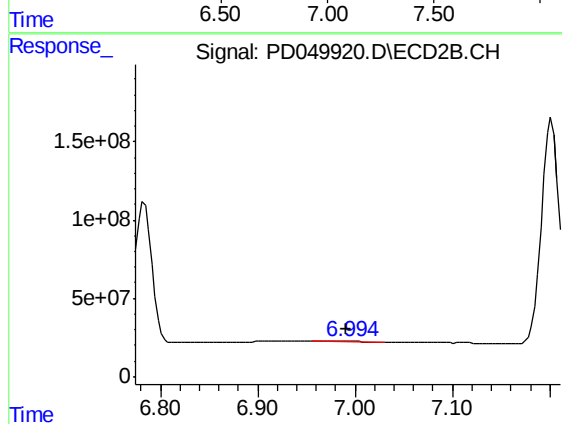
#14 Endrin

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 1151854180
Conc: 56.93 ng/ml



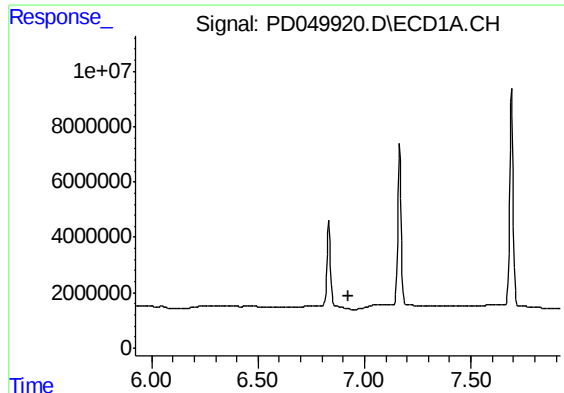
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 7.094 min
Response: 0
Conc: N.D.



#15 Endosulfan II

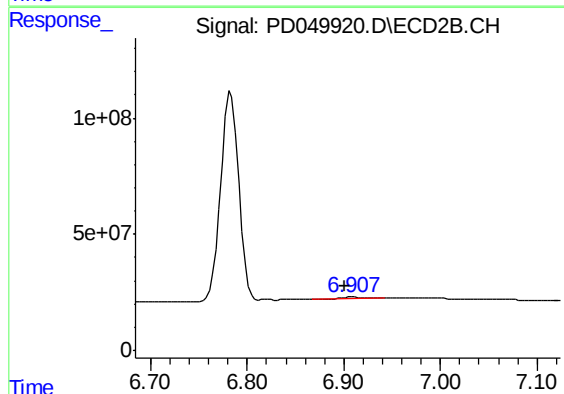
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 5181409
Conc: 0.23 ng/ml



#16 4,4'-DDD

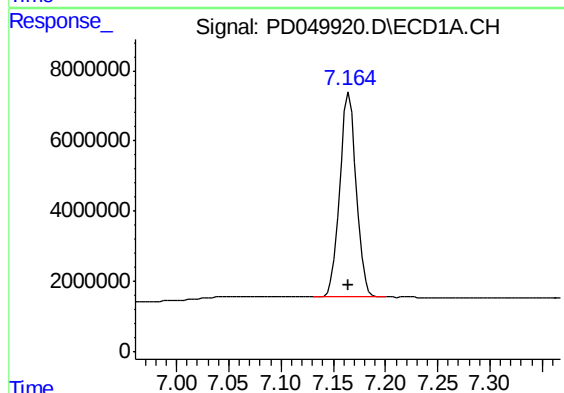
R.T.: 0.000 min
Exp R.T.: 6.923 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM32



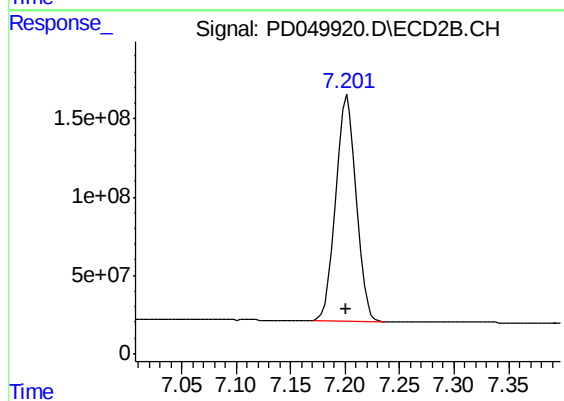
#16 4,4'-DDD

R.T.: 6.910 min
Delta R.T.: 0.009 min
Response: 10341959
Conc: 0.49 ng/ml



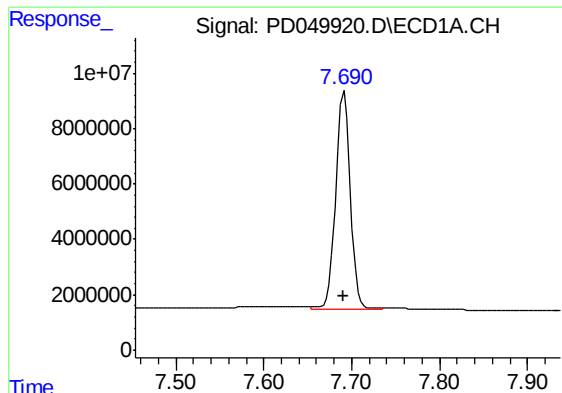
#17 4,4'-DDT

R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 64231718
Conc: 107.54 ng/ml



#17 4,4'-DDT

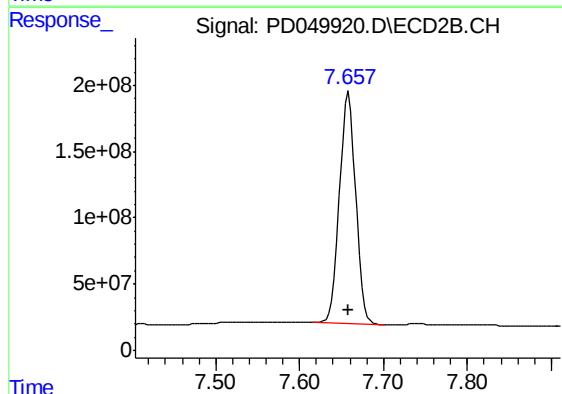
R.T.: 7.202 min
Delta R.T.: 0.001 min
Response: 1882552759
Conc: 120.04 ng/ml



#20 Methoxychlor

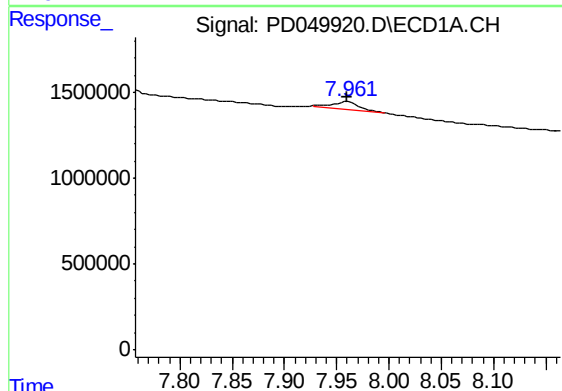
R.T.: 7.692 min
Delta R.T.: 0.001 min
Response: 91813557
Conc: 263.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM32



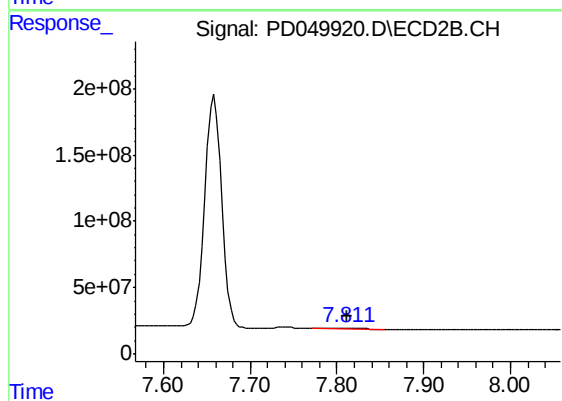
#20 Methoxychlor

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 2328442258
Conc: 293.79 ng/ml



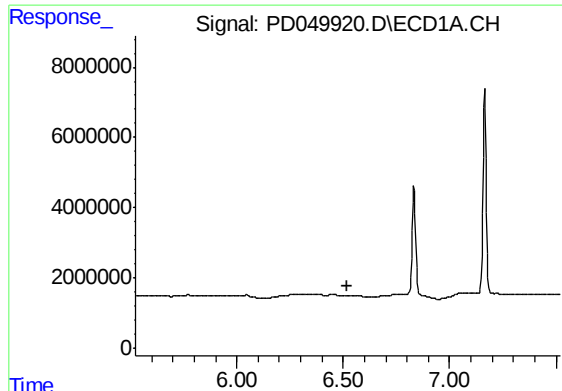
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 737992
Conc: 1.05 ng/ml



#21 Endrin ketone

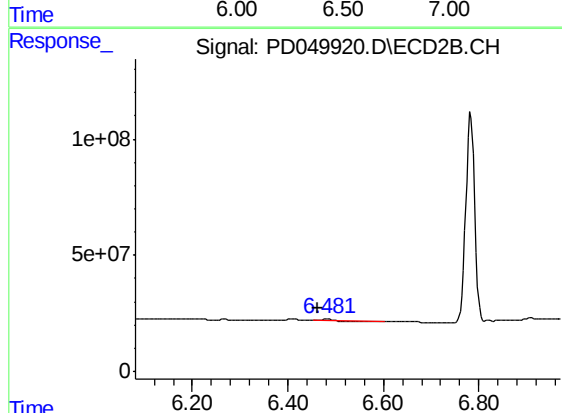
R.T.: 7.812 min
Delta R.T.: 0.000 min
Response: 9248750
Conc: 0.51 ng/ml



#22 Toxaphene-1

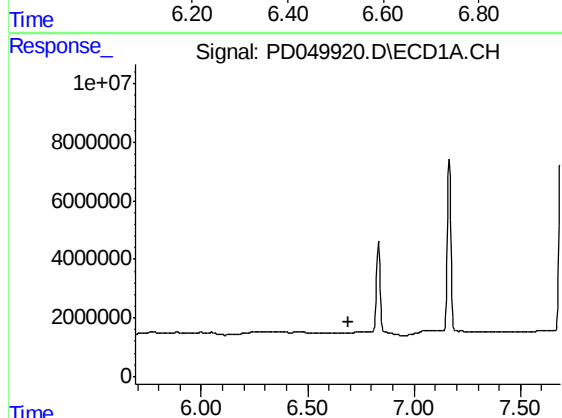
R.T.: 0.000 min
Exp R.T. : 6.521 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM32



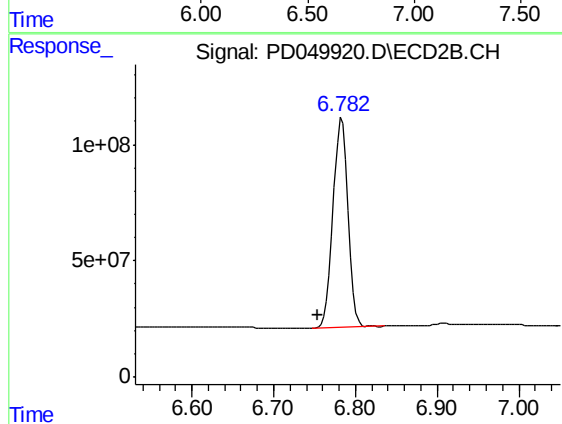
#22 Toxaphene-1

R.T.: 6.482 min
Delta R.T.: 0.019 min
Response: 10441040
Conc: 83.31 ng/ml



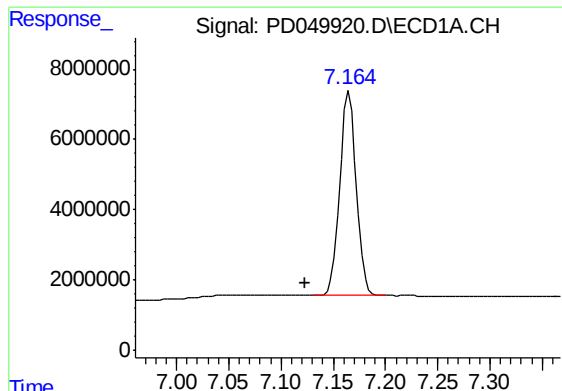
#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 6.689 min
Response: 0
Conc: N.D.



#23 Toxaphene-2

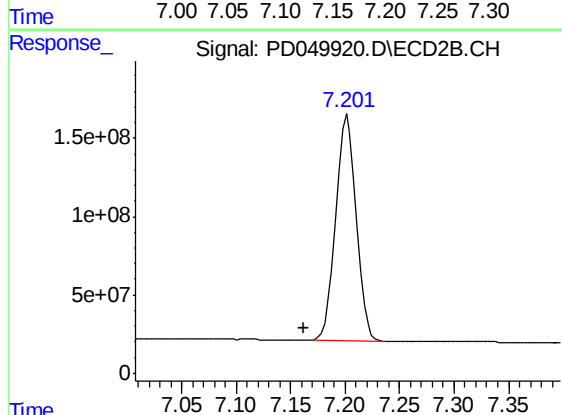
R.T.: 6.783 min
Delta R.T.: 0.029 min
Response: 1151854180
Conc: 7979.69 ng/ml



#24 Toxaphene-3

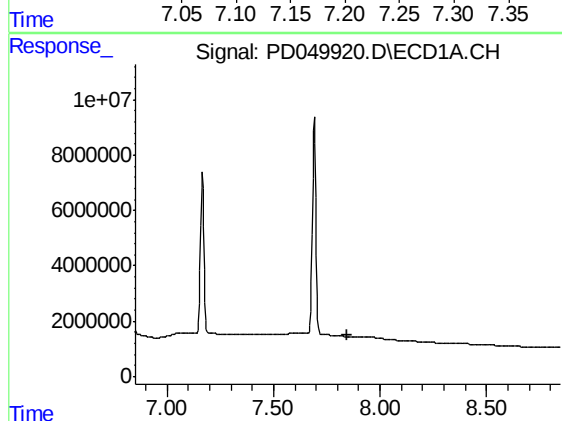
R.T.: 7.165 min
Delta R.T.: 0.042 min
Response: 64231718
Conc: 4794.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM32



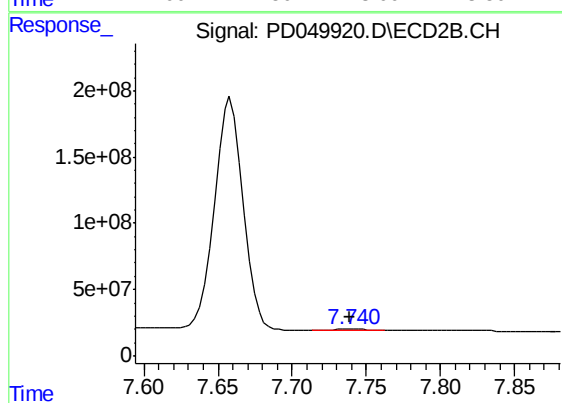
#24 Toxaphene-3

R.T.: 7.202 min
Delta R.T.: 0.040 min
Response: 1882552759
Conc: 10331.01 ng/ml



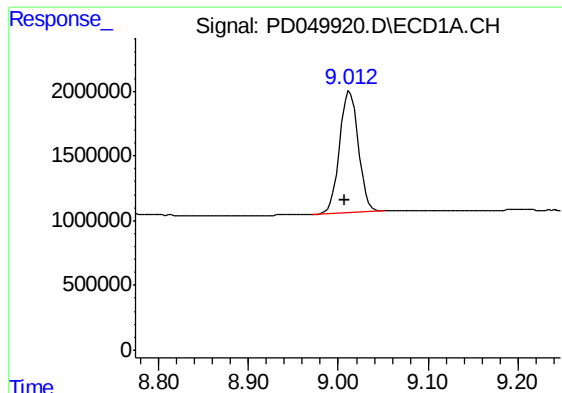
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.849 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

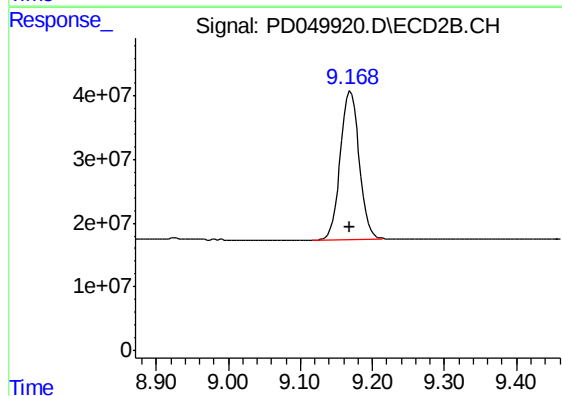
R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 10887710
Conc: 50.73 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: 0.006 min
Response: 13724583
Conc: 20.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM32



#27 Decachlorobiphenyl

R.T.: 9.170 min
Delta R.T.: 0.002 min
Response: 421526050
Conc: 23.72 ng/ml