

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102119\
 Data File : PD055464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 09:48
 Operator : SG\AJ
 Sample : PEM47
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM47

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 02:26:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 19 00:42:03 2019
 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...	3.290	3.962	17506007	24865538	19.635	18.469
27)	SA Decachlor...	7.966	8.996	16813032	22230110	18.361	17.037
Target Compounds							
2)	A alpha-BHC	3.717	4.348	12042230	18359393	9.589	9.437
3)	MA gamma-BHC...	3.992	4.631	11101507	16712912	9.368	9.064
4)	MA Heptachlor	4.242f	0.000	5229372	0	5.747	N.D. #
6)	B beta-BHC	4.242	4.799	5229372	8403941	9.837	9.504
8)	B Heptachlo...	0.000	5.819	0	12771405	N.D.	7.479
12)	B 4,4'-DDE	0.000	6.355f	0	1994556	N.D.	1.183
14)	MA Endrin	5.779	6.653	41387155	61765536	46.206	44.220
16)	A 4,4'-DDD	5.913	6.775	2170532	4381776	2.678	3.063
17)	MA 4,4'-DDT	6.149	7.073	63927190	119.0E6	94.289	87.804
20)	A Methoxychlor	6.697	7.529	71525084	153.8E6	196.137	199.501
21)	B Endrin ke...	6.881f	7.675	3039435	3432996	3.110	2.143 #
22)	Toxaphene-1	0.000	6.355	0	1994556	N.D.	255.428
23)	Toxaphene-2	5.622	6.653	20487643	61765536	3512.998	6341.843 #
24)	Toxaphene-3	5.913	7.073	2170532	119.0E6	403.073	8774.592 #
25)	Toxaphene-4	6.149	7.073	63927190	119.0E6	4185.473	3088.666 #
26)	Toxaphene-5	0.000	7.675	0	3432996	N.D.	189.190

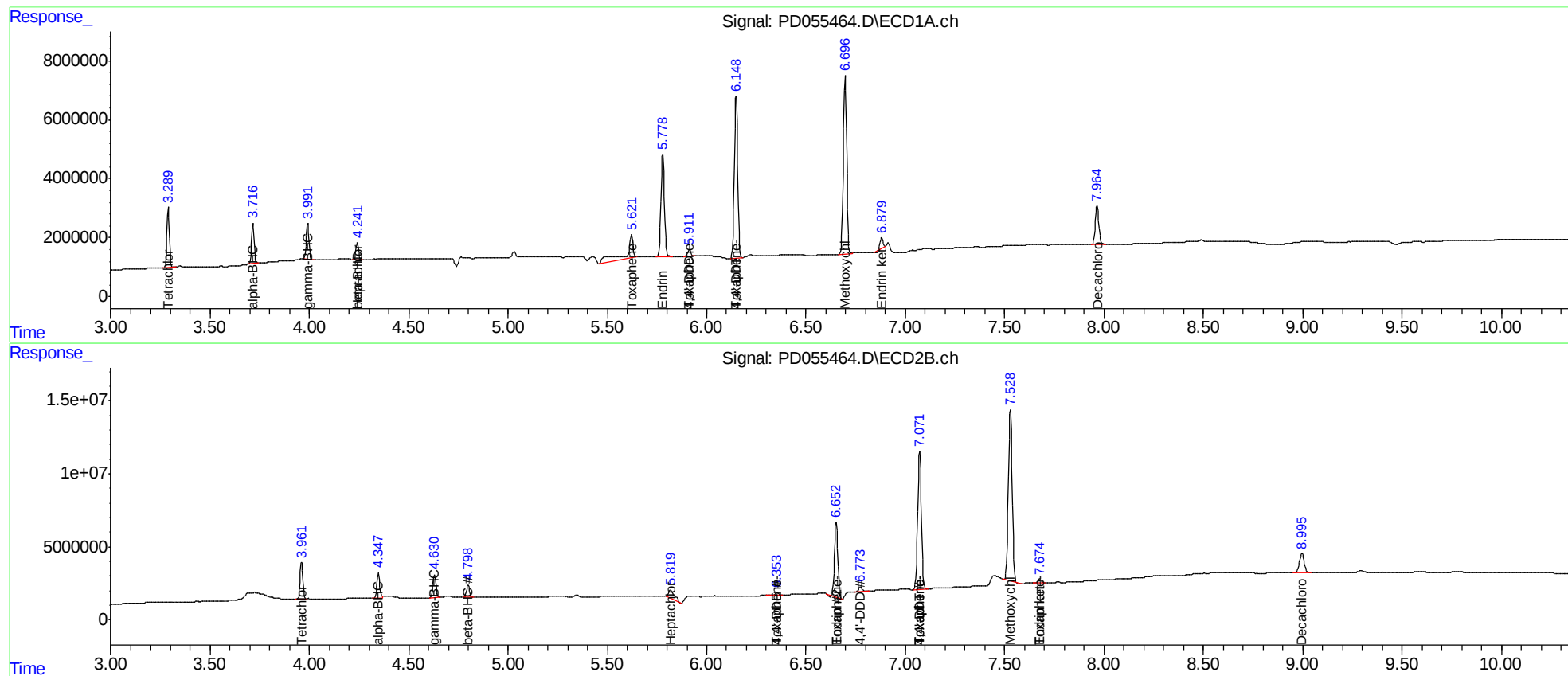
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

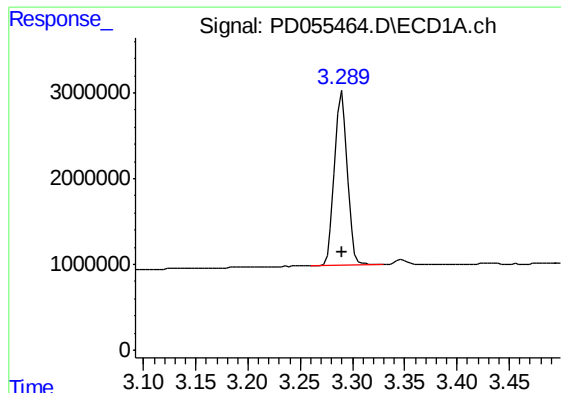
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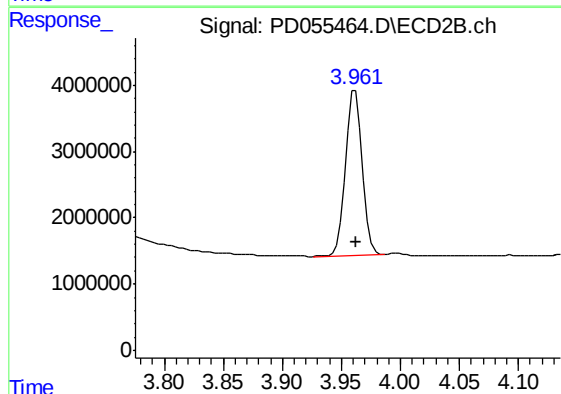




#1 Tetrachloro-m-xylene

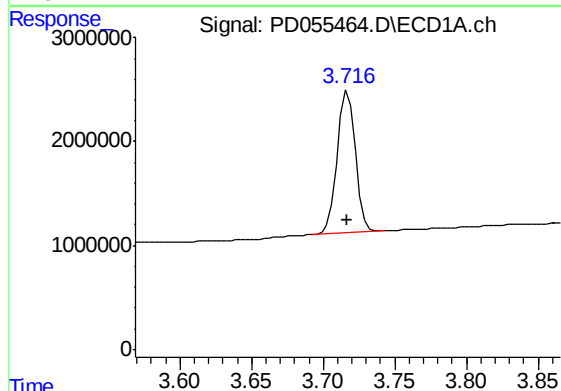
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 17506007
Conc: 19.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM47



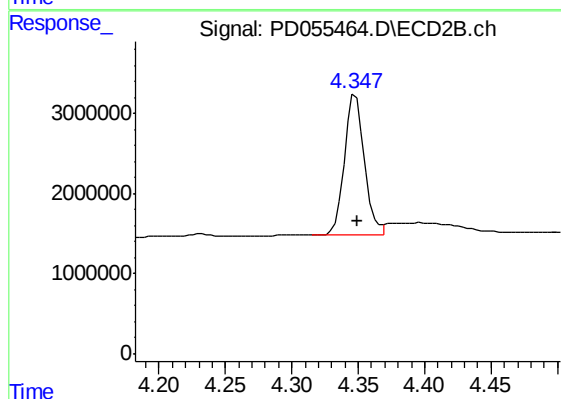
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 24865538
Conc: 18.47 ng/ml



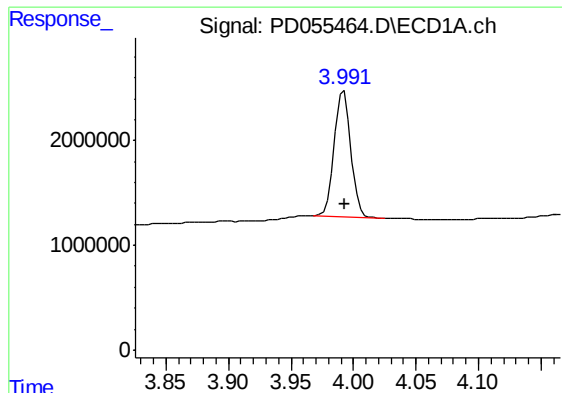
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 12042230
Conc: 9.59 ng/ml



#2 alpha-BHC

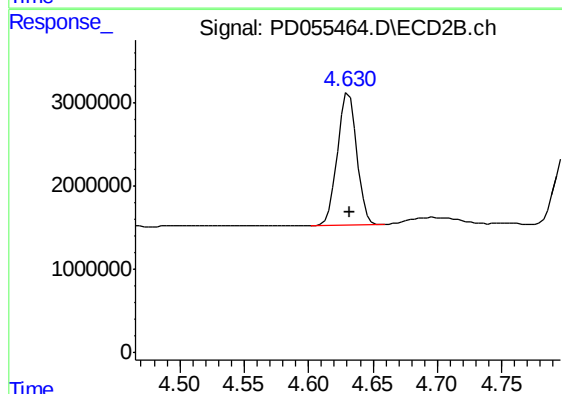
R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 18359393
Conc: 9.44 ng/ml



#3 gamma-BHC (Lindane)

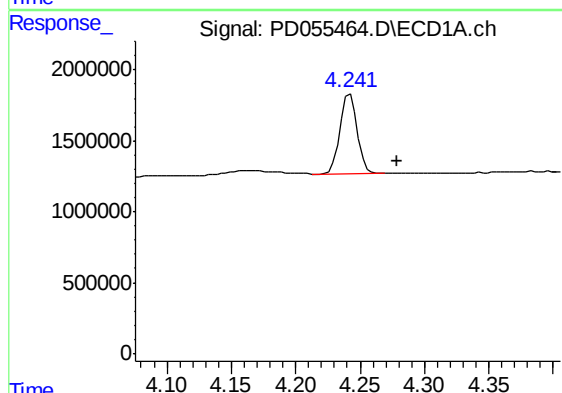
R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 11101507
Conc: 9.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM47



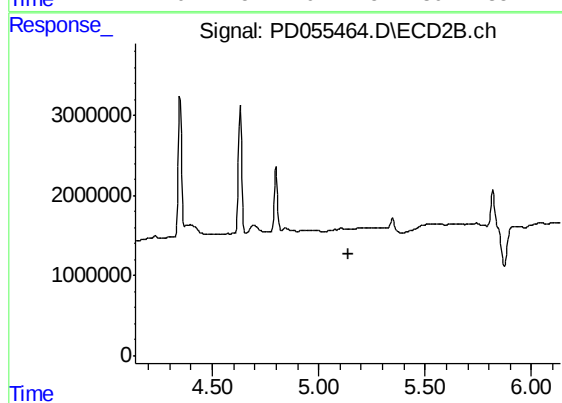
#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 16712912
Conc: 9.06 ng/ml



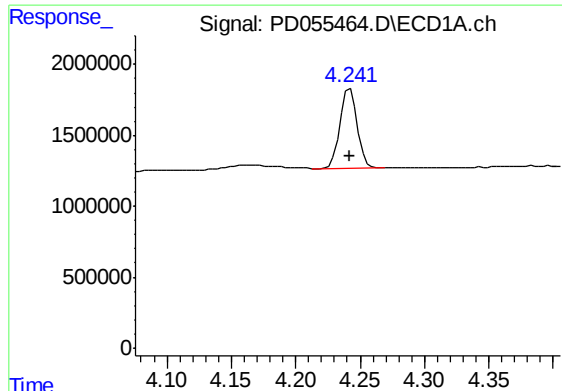
#4 Heptachlor

R.T.: 4.242 min
Delta R.T.: -0.036 min
Response: 5229372
Conc: 5.75 ng/ml



#4 Heptachlor

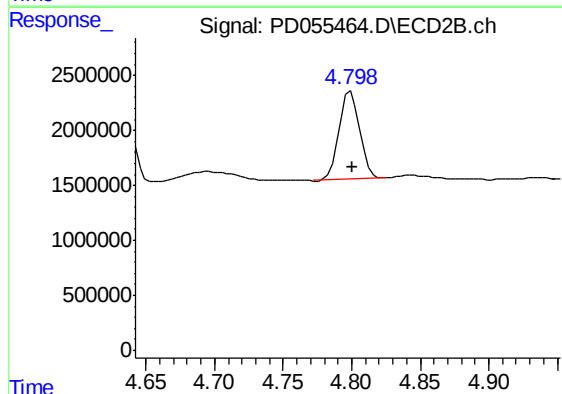
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



#6 beta-BHC

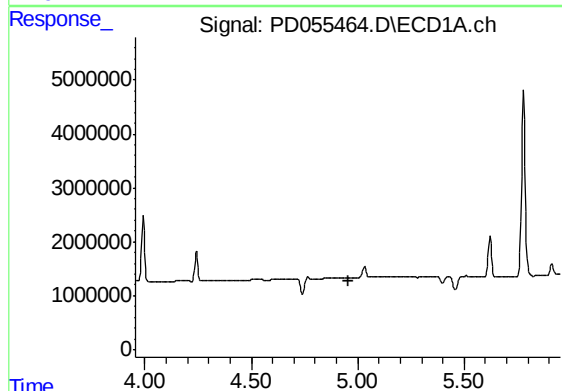
R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 5229372
Conc: 9.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM47



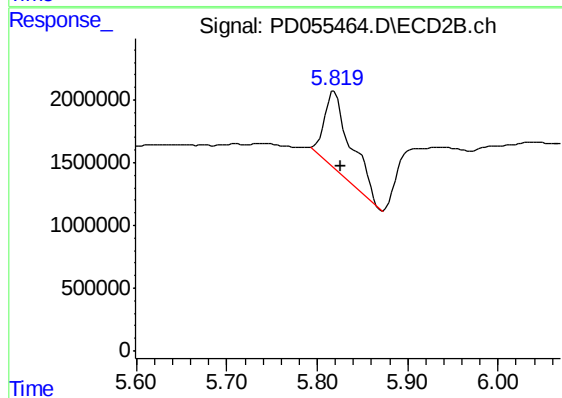
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 8403941
Conc: 9.50 ng/ml



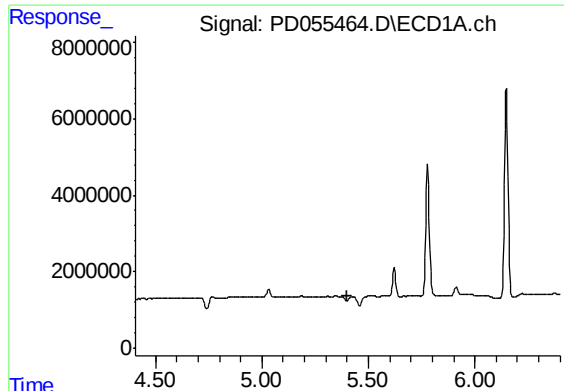
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

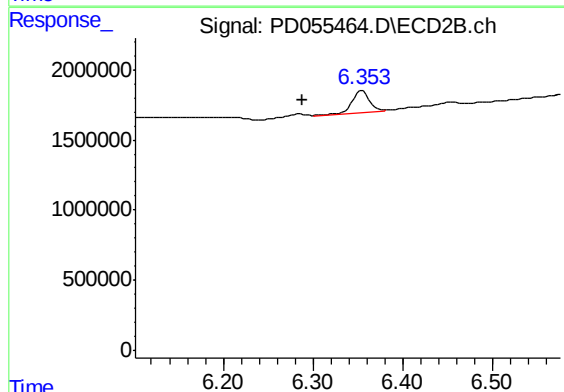
R.T.: 5.819 min
Delta R.T.: -0.007 min
Response: 12771405
Conc: 7.48 ng/ml



#12 4,4'-DDE

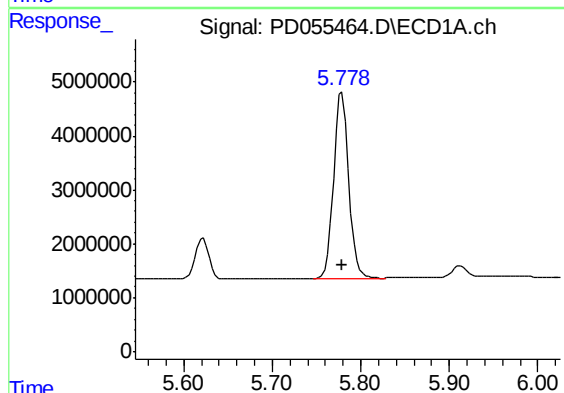
R.T.: 0.000 min
Exp R.T.: 5.402 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM47



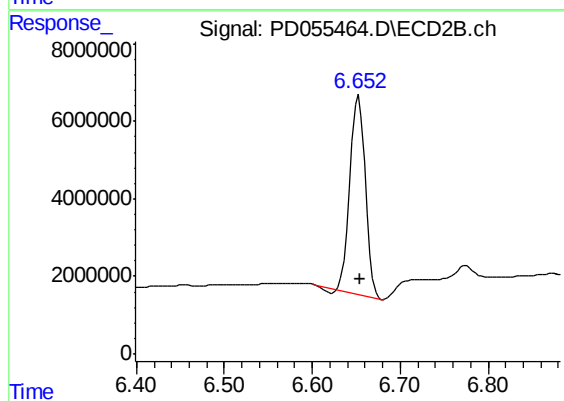
#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: 0.067 min
Response: 1994556
Conc: 1.18 ng/ml



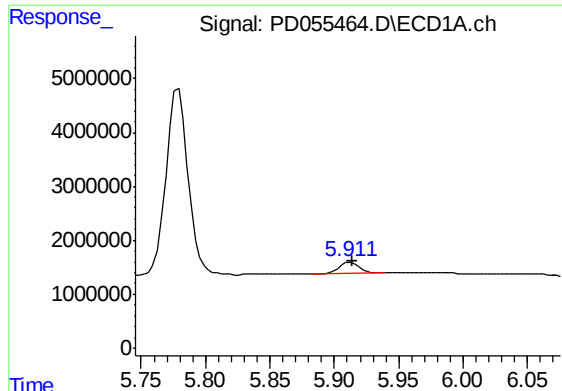
#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 41387155
Conc: 46.21 ng/ml



#14 Endrin

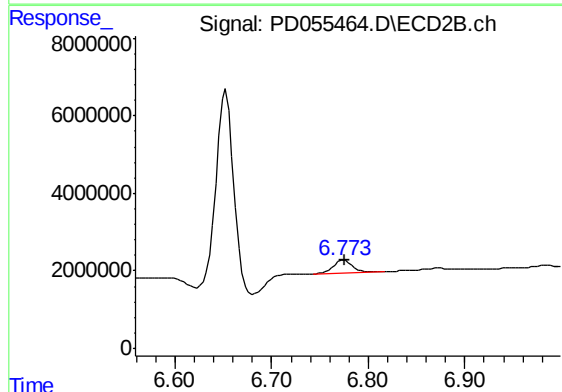
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 61765536
Conc: 44.22 ng/ml



#16 4,4'-DDD

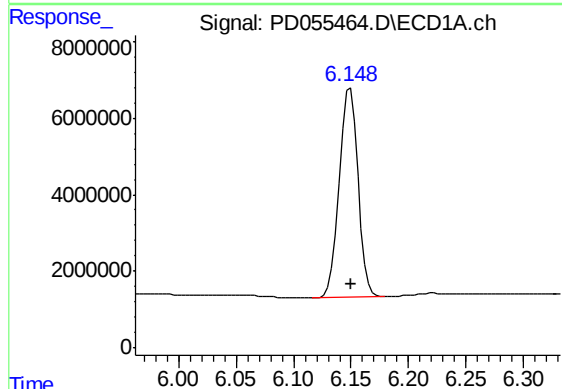
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 2170532
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM47



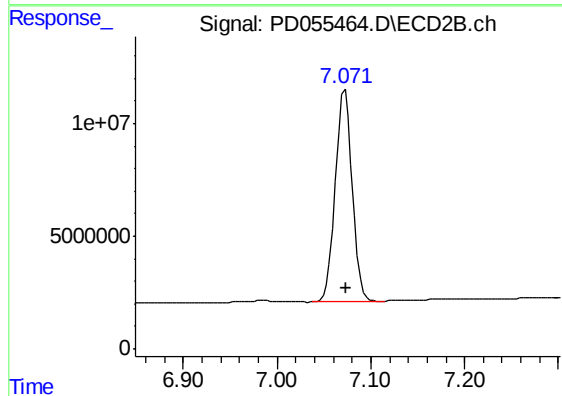
#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 4381776
Conc: 3.06 ng/ml



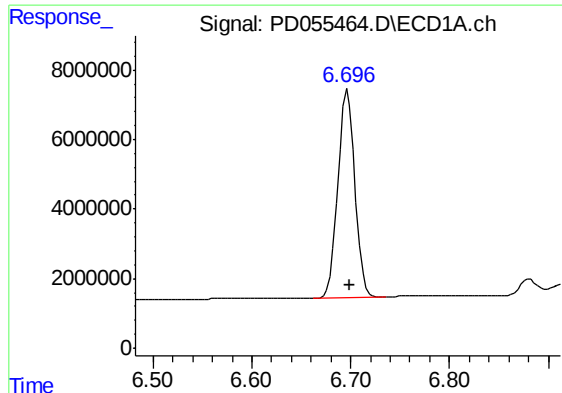
#17 4,4'-DDT

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 63927190
Conc: 94.29 ng/ml



#17 4,4'-DDT

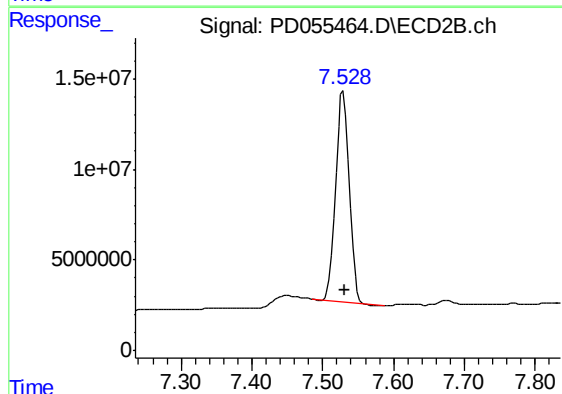
R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 119010990
Conc: 87.80 ng/ml



#20 Methoxychlor

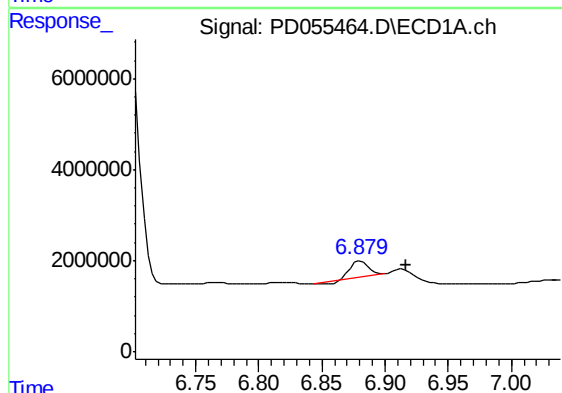
R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 71525084
Conc: 196.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM47



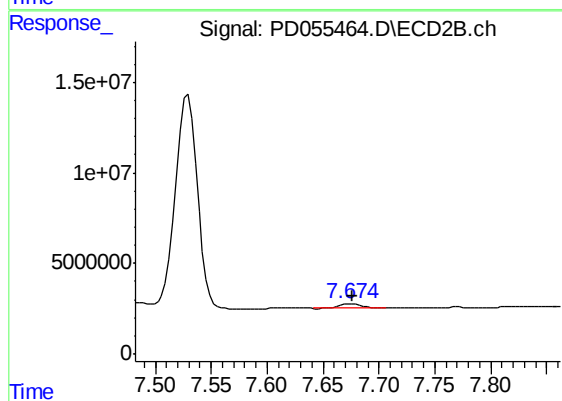
#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: -0.001 min
Response: 153801332
Conc: 199.50 ng/ml



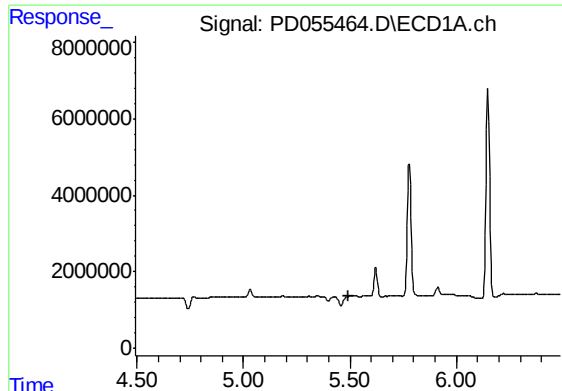
#21 Endrin ketone

R.T.: 6.881 min
Delta R.T.: -0.036 min
Response: 3039435
Conc: 3.11 ng/ml



#21 Endrin ketone

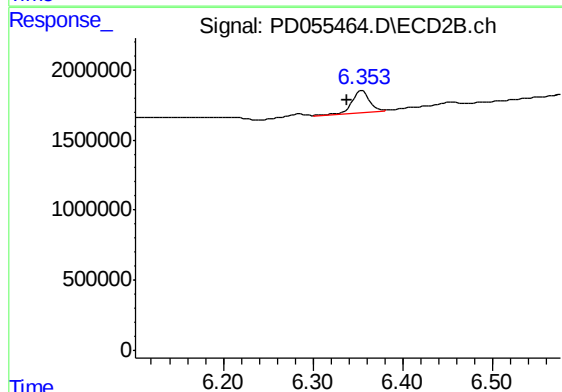
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 3432996
Conc: 2.14 ng/ml



#22 Toxaphene-1

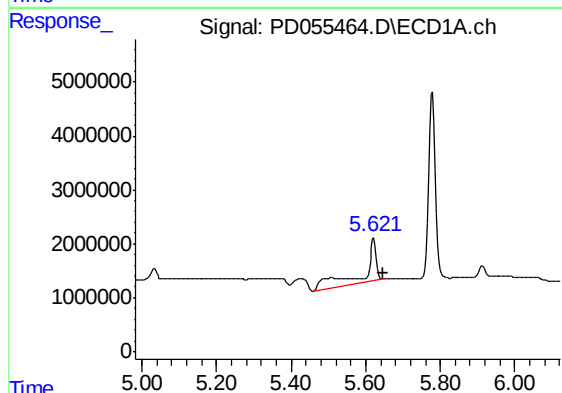
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM47



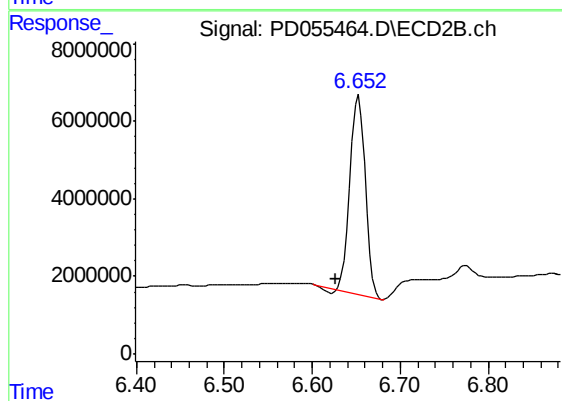
#22 Toxaphene-1

R.T.: 6.355 min
Delta R.T.: 0.016 min
Response: 1994556
Conc: 255.43 ng/ml



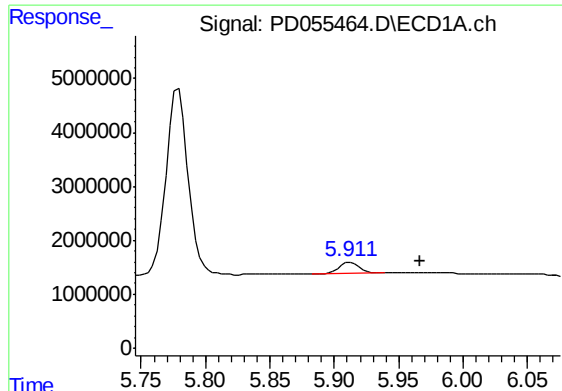
#23 Toxaphene-2

R.T.: 5.622 min
Delta R.T.: -0.024 min
Response: 20487643
Conc: 3513.00 ng/ml



#23 Toxaphene-2

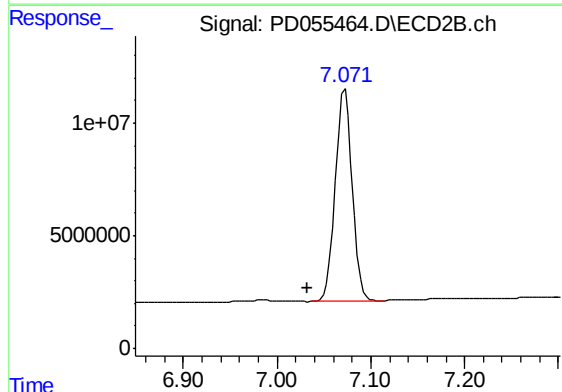
R.T.: 6.653 min
Delta R.T.: 0.026 min
Response: 61765536
Conc: 6341.84 ng/ml



#24 Toxaphene-3

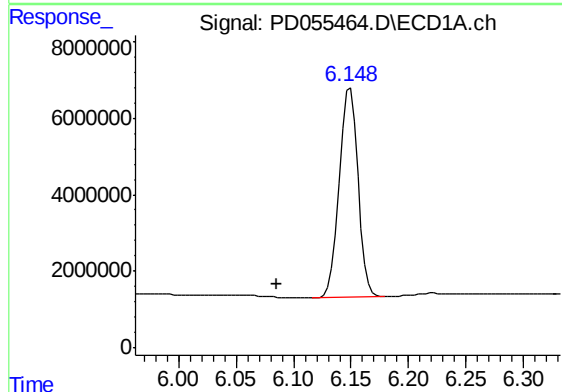
R.T.: 5.913 min
Delta R.T.: -0.054 min
Response: 2170532
Conc: 403.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM47



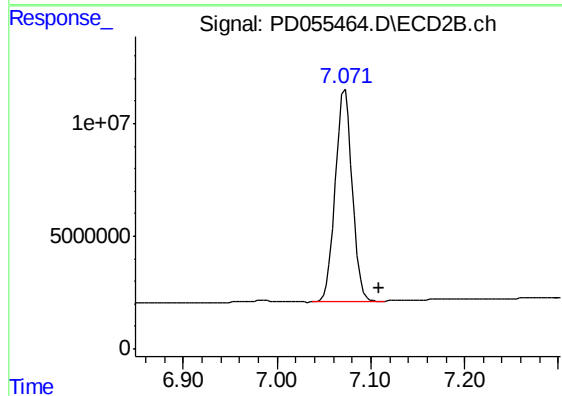
#24 Toxaphene-3

R.T.: 7.073 min
Delta R.T.: 0.040 min
Response: 119010990
Conc: 8774.59 ng/ml



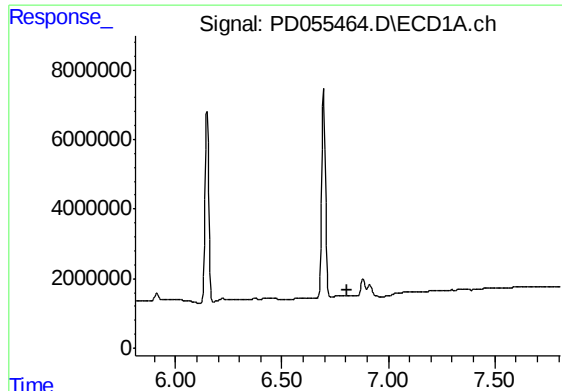
#25 Toxaphene-4

R.T.: 6.149 min
Delta R.T.: 0.063 min
Response: 63927190
Conc: 4185.47 ng/ml



#25 Toxaphene-4

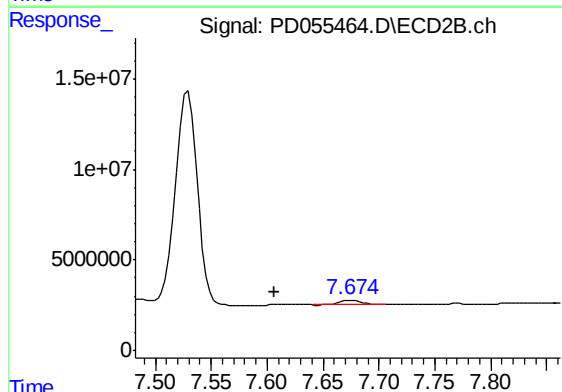
R.T.: 7.073 min
Delta R.T.: -0.036 min
Response: 119010990
Conc: 3088.67 ng/ml



#26 Toxaphene-5

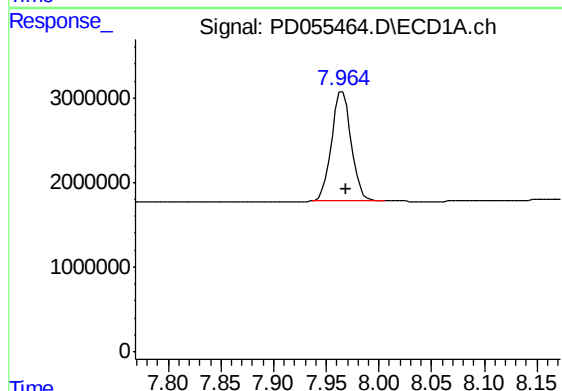
R.T.: 0.000 min
Exp R.T.: 6.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM47



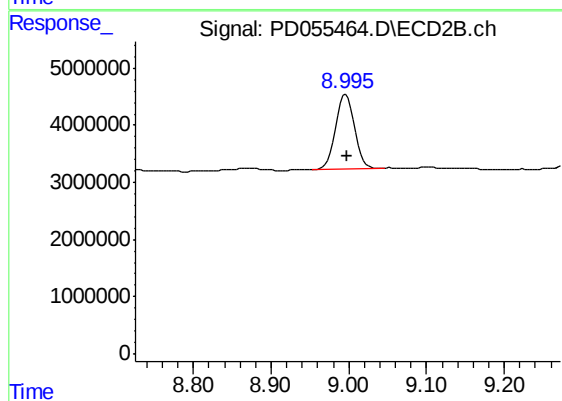
#26 Toxaphene-5

R.T.: 7.675 min
Delta R.T.: 0.069 min
Response: 3432996
Conc: 189.19 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 16813032
Conc: 18.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.002 min
Response: 22230110
Conc: 17.04 ng/ml