

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060319\
 Data File : PD053488.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2019 15:25
 Operator : SM\AJ
 Sample : PEM29
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM29

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 04:16:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052119CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 06:53:42 2019
 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...	3.316	3.985	15298831	22586318	20.880	22.941
27)	SA Decachlor...	8.015	9.029	12239395	15873262	18.502	15.367
Target Compounds							
2)	A alpha-BHC	3.746	4.372	10049248	14314953	10.740	11.863
3)	MA gamma-BHC...	4.023	4.655	9582014	14299915	11.173	12.251
4)	MA Heptachlor	4.272f	0.000	4467728	0	6.147	N.D. #
6)	B beta-BHC	4.272	4.821	4467728	7036711	10.762	11.997
7)	B delta-BHC	0.000	5.019	0	46855	N.D.	<MDL
9)	A Endosulfan I	0.000	6.201	0	382516	N.D.	0.344
10)	B trans-Chl...	0.000	6.063	0	51776	N.D.	<MDL
11)	B cis-Chlor...	0.000	6.201f	0	382516	N.D.	0.303
12)	B 4,4'-DDE	0.000	6.313	0	159939	N.D.	0.130
14)	MA Endrin	5.818	6.679	34172243	46400262	52.399	51.680
16)	A 4,4'-DDD	0.000	6.799	0	1454199	N.D.	1.574
17)	MA 4,4'-DDT	6.189	7.096	55533383	90071219	102.446	102.168
18)	B Endrin al...	0.000	7.011	0	275596	N.D.	0.309
20)	A Methoxychlor	6.741	7.552	59473851	112.2E6	261.449	261.054
21)	B Endrin ke...	0.000	7.701	0	549124	N.D.	0.515
22)	Toxaphene-1	0.000	6.313	0	159939	N.D.	27.862
23)	Toxaphene-2	0.000	6.679	0	46400262	N.D.	6502.642
24)	Toxaphene-3	0.000	7.046	0	73062	N.D.	7.191
25)	Toxaphene-4	6.189	7.096	55533383	90071219	4569.917	3159.333 #
26)	Toxaphene-5	0.000	7.640	0	92234	N.D.	7.312

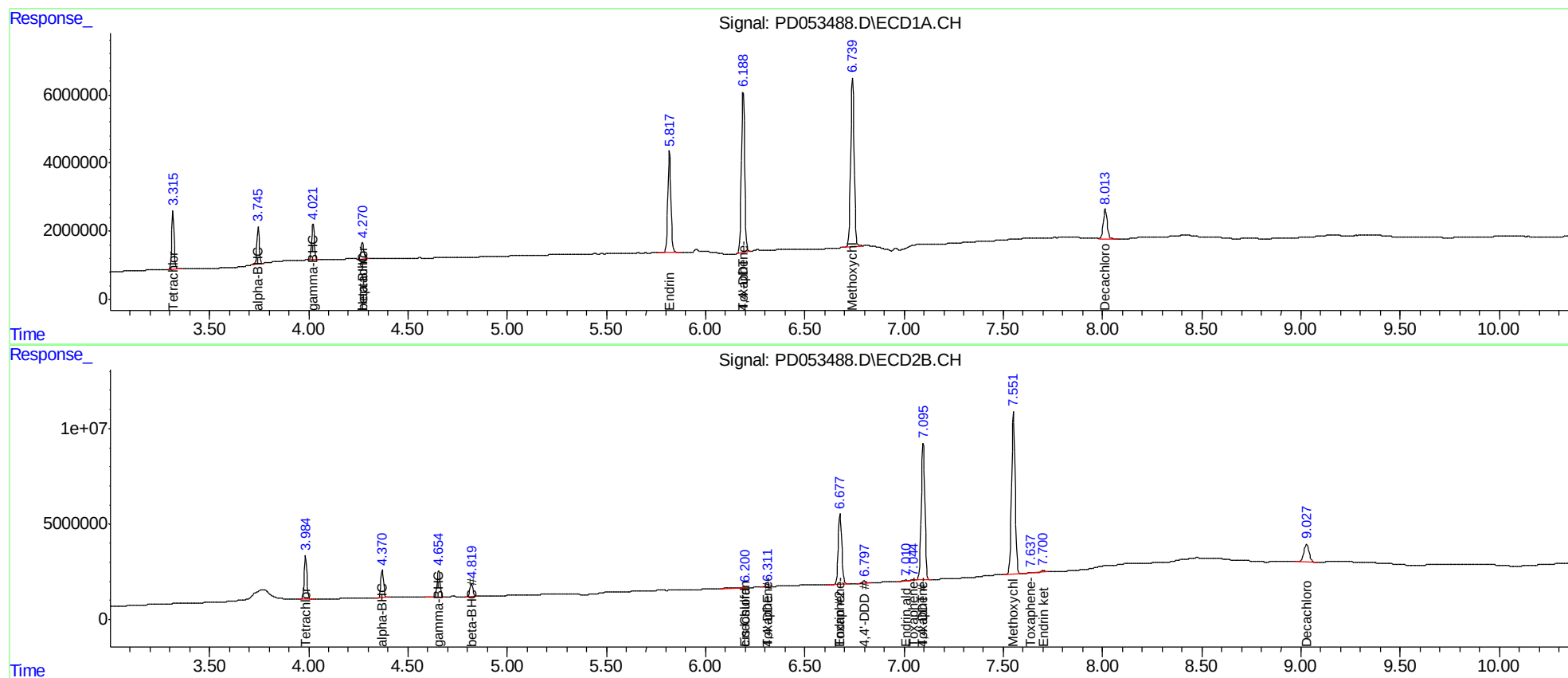
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

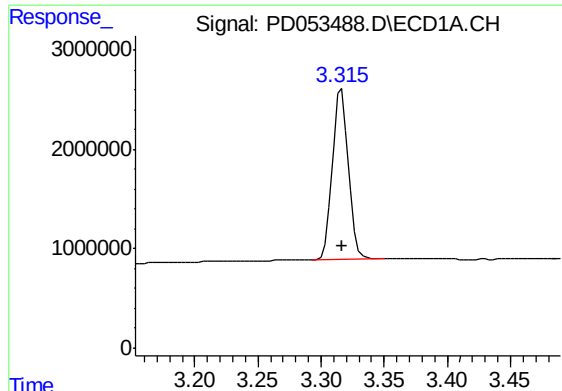
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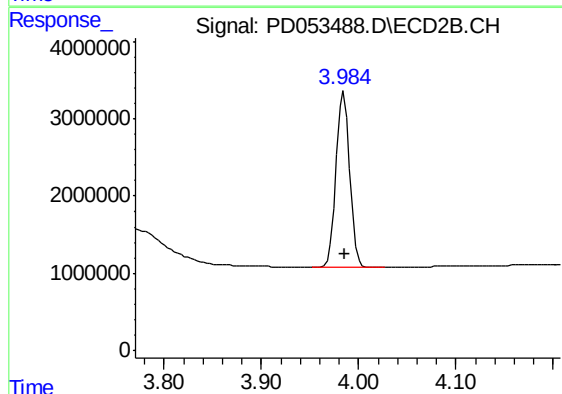




#1 Tetrachloro-m-xylene

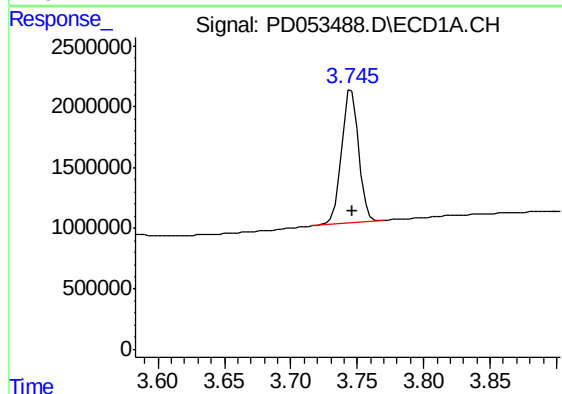
R.T.: 3.316 min
Delta R.T.: 0.000 min
Response: 15298831
Conc: 20.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



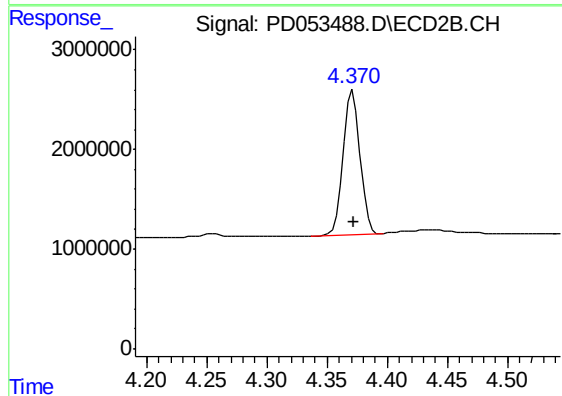
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 22586318
Conc: 22.94 ng/ml



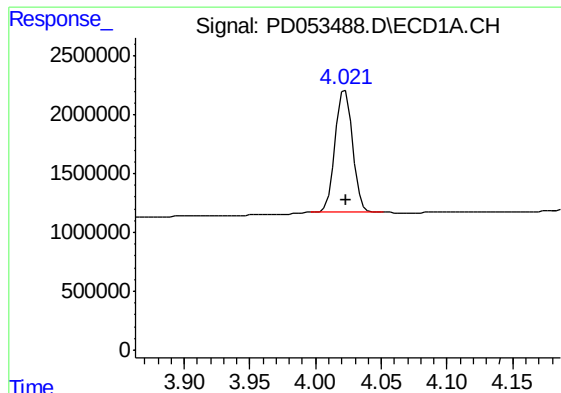
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 10049248
Conc: 10.74 ng/ml



#2 alpha-BHC

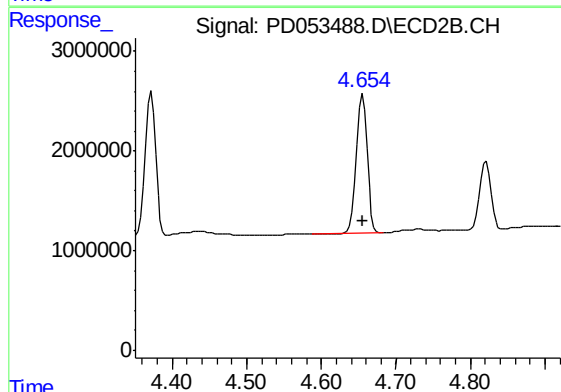
R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 14314953
Conc: 11.86 ng/ml



#3 gamma-BHC (Lindane)

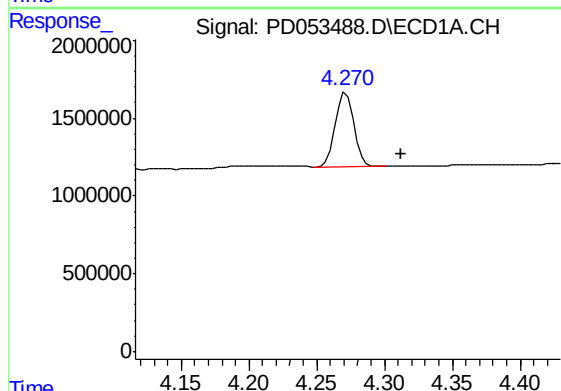
R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 9582014
Conc: 11.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



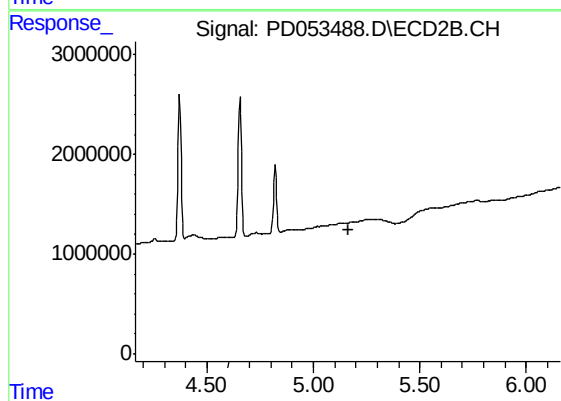
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 14299915
Conc: 12.25 ng/ml



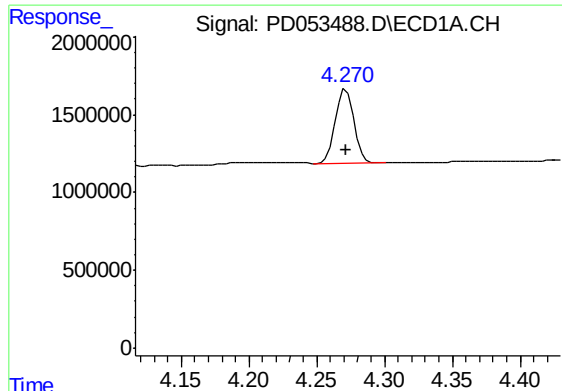
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: -0.040 min
Response: 4467728
Conc: 6.15 ng/ml



#4 Heptachlor

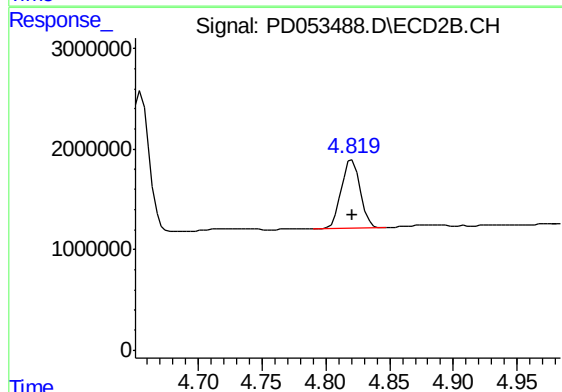
R.T.: 0.000 min
Exp R.T. : 5.163 min
Response: 0
Conc: N.D.



#6 beta-BHC

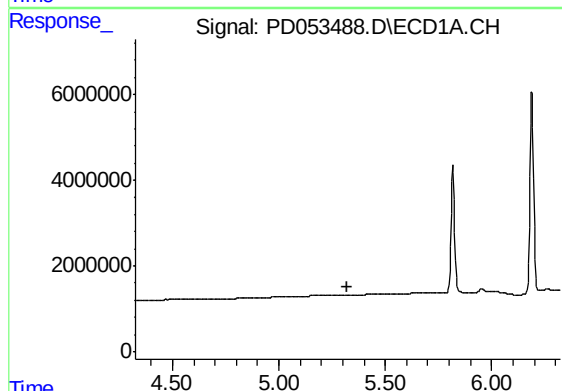
R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 4467728
Conc: 10.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



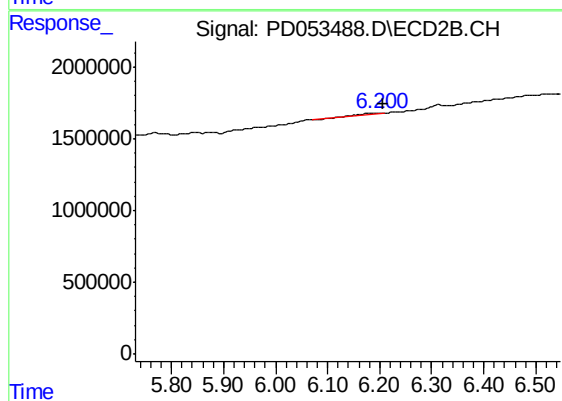
#6 beta-BHC

R.T.: 4.821 min
Delta R.T.: 0.000 min
Response: 7036711
Conc: 12.00 ng/ml



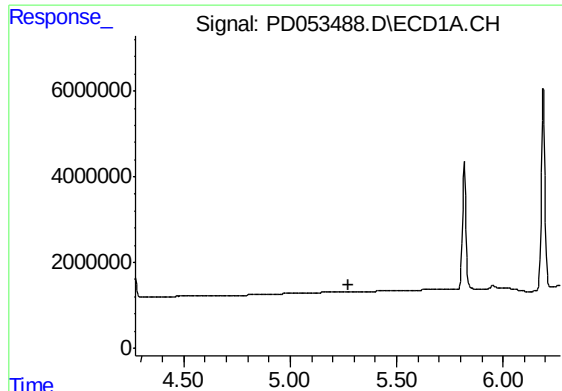
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.324 min
Response: 0
Conc: N.D.



#9 Endosulfan I

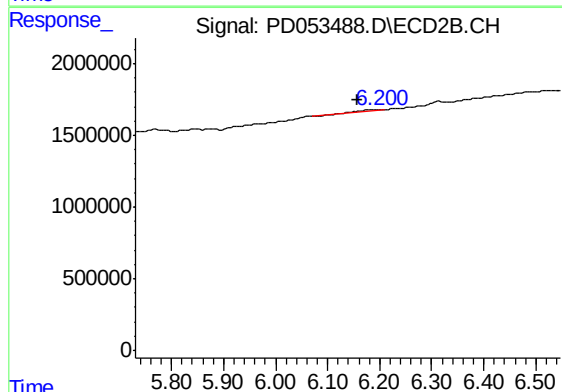
R.T.: 6.201 min
Delta R.T.: -0.005 min
Response: 382516
Conc: 0.34 ng/ml



#11 cis-Chlordane

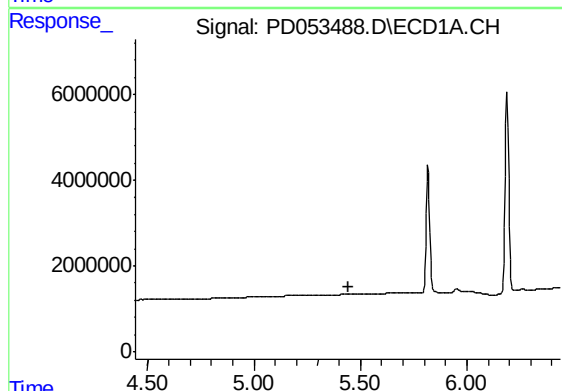
R.T.: 0.000 min
Exp R.T. : 5.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM29



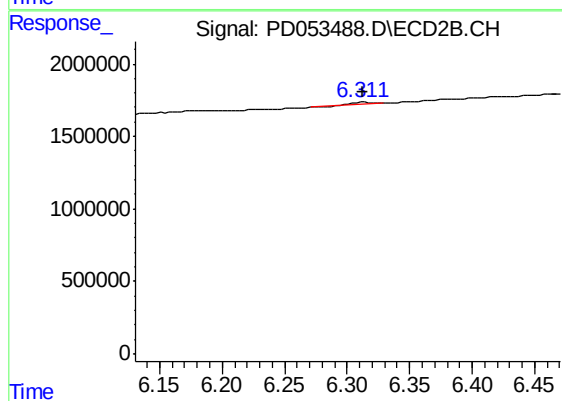
#11 cis-Chlordane

R.T.: 6.201 min
Delta R.T.: 0.044 min
Response: 382516
Conc: 0.30 ng/ml



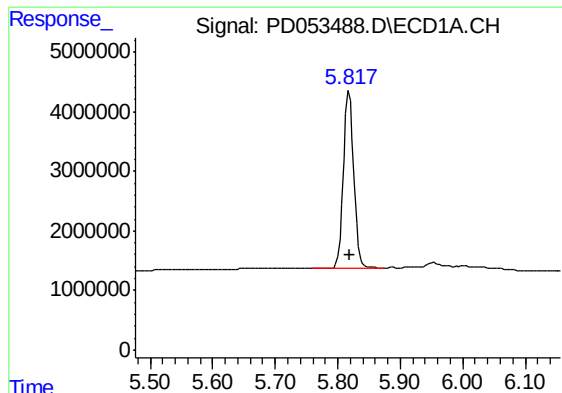
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.442 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

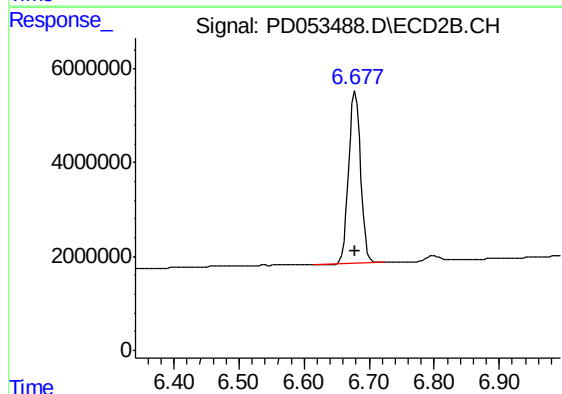
R.T.: 6.313 min
Delta R.T.: 0.001 min
Response: 159939
Conc: 0.13 ng/ml



#14 Endrin

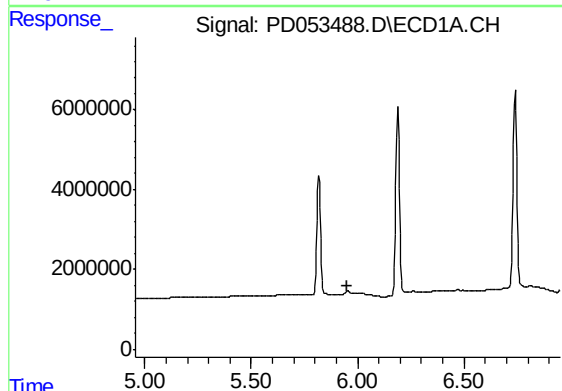
R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 34172243
Conc: 52.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



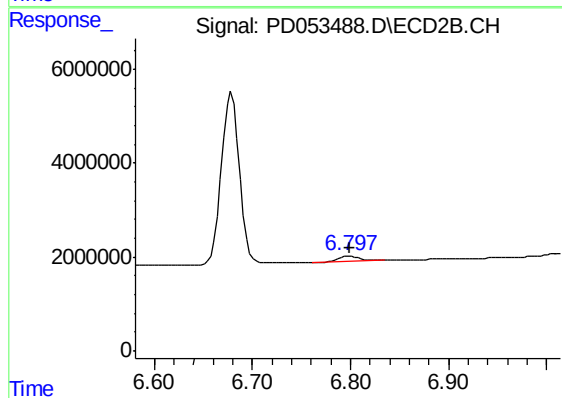
#14 Endrin

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 46400262
Conc: 51.68 ng/ml



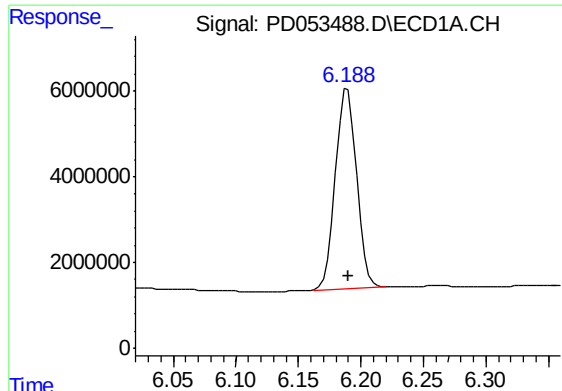
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.953 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

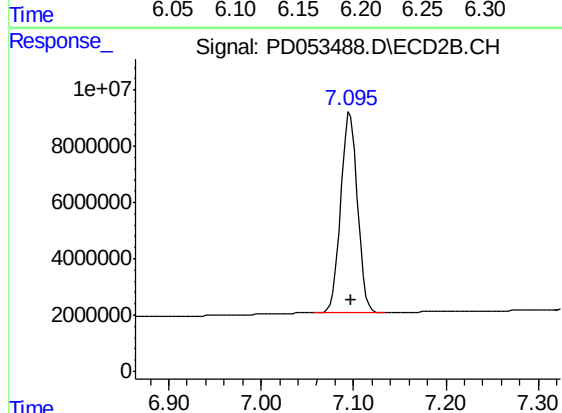
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 1454199
Conc: 1.57 ng/ml



#17 4,4'-DDT

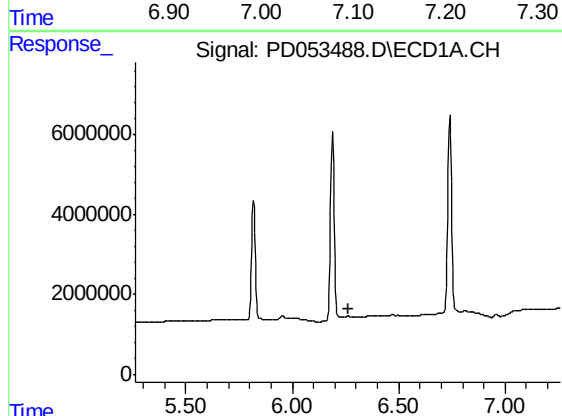
R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 5553383
Conc: 102.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



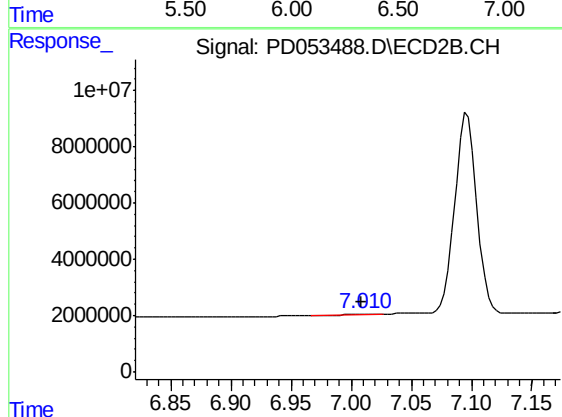
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 90071219
Conc: 102.17 ng/ml



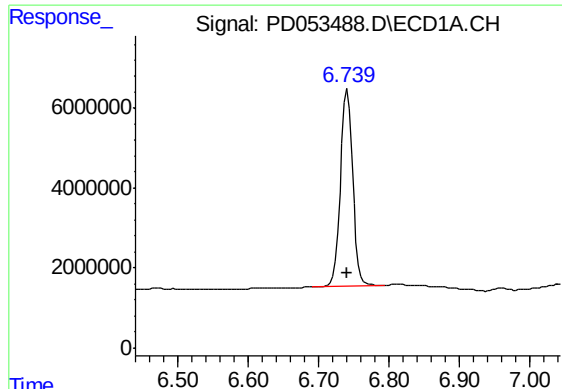
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.262 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

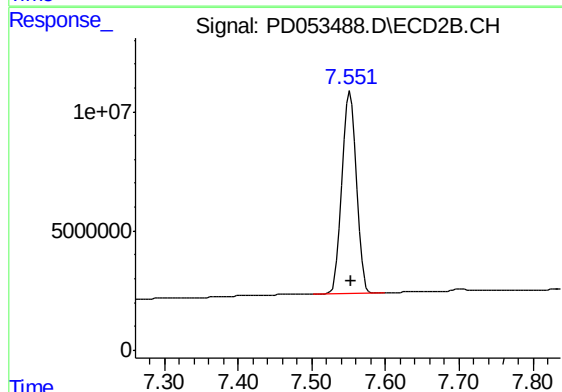
R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 275596
Conc: 0.31 ng/ml



#20 Methoxychlor

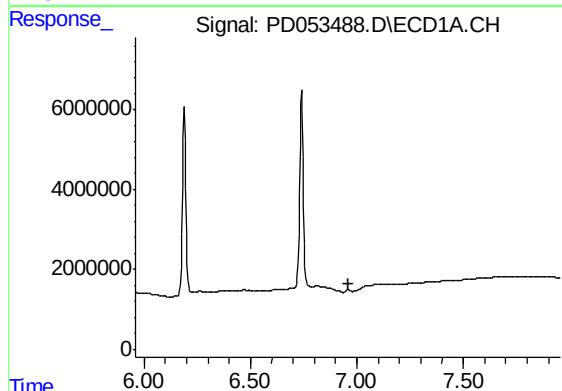
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 59473851
Conc: 261.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM29



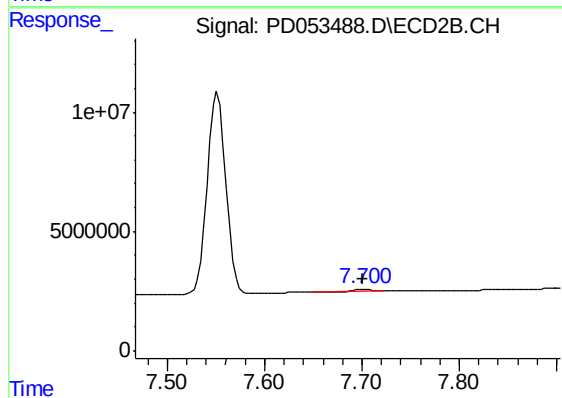
#20 Methoxychlor

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 112167498
Conc: 261.05 ng/ml



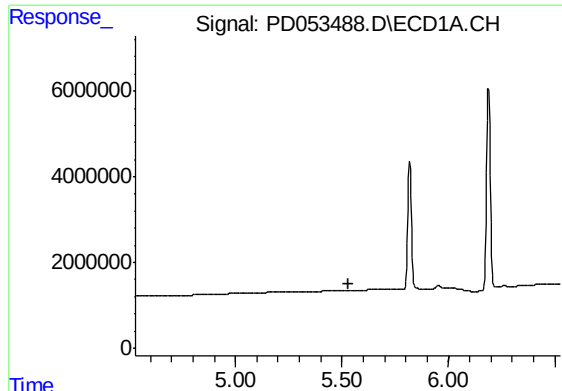
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.959 min
Response: 0
Conc: N.D.



#21 Endrin ketone

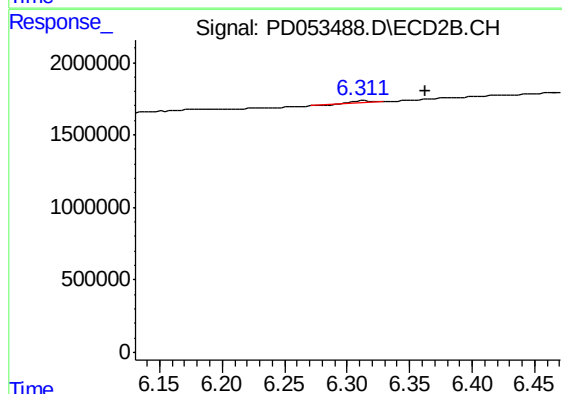
R.T.: 7.701 min
Delta R.T.: 0.001 min
Response: 549124
Conc: 0.52 ng/ml



#22 Toxaphene-1

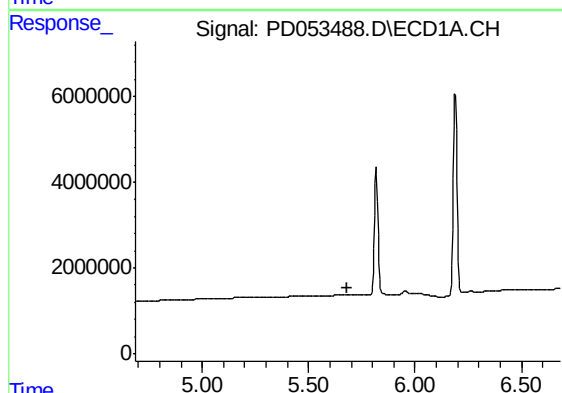
R.T.: 0.000 min
Exp R.T. : 5.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM29



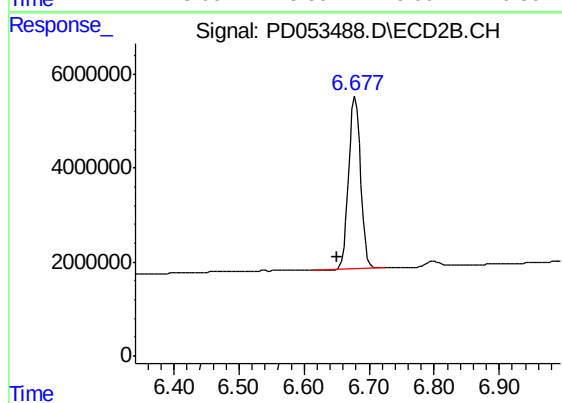
#22 Toxaphene-1

R.T.: 6.313 min
Delta R.T.: -0.049 min
Response: 159939
Conc: 27.86 ng/ml



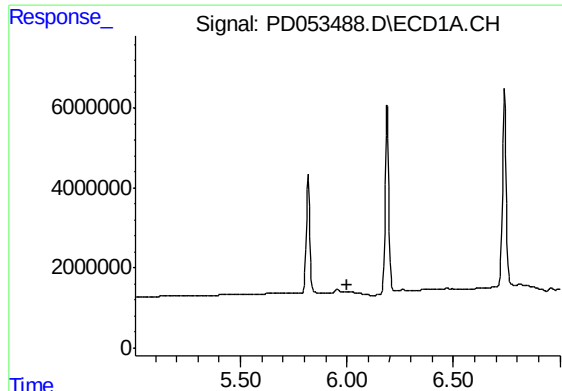
#23 Toxaphene-2

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



#23 Toxaphene-2

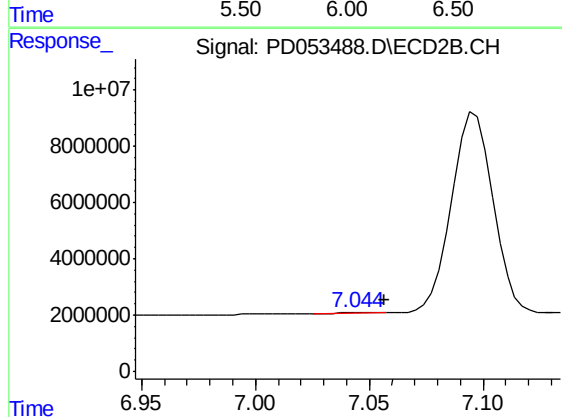
R.T.: 6.679 min
Delta R.T.: 0.027 min
Response: 46400262
Conc: 6502.64 ng/ml



#24 Toxaphene-3

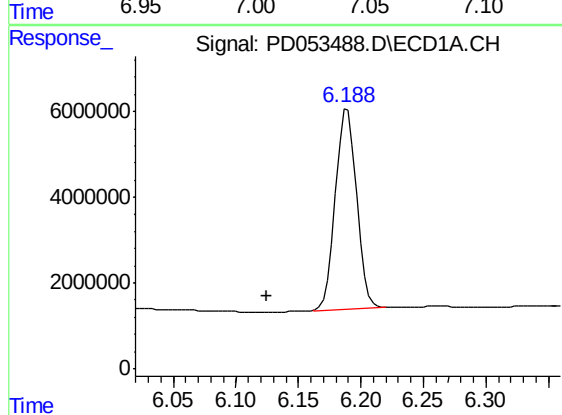
R.T.: 0.000 min
Exp R.T.: 6.004 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM29



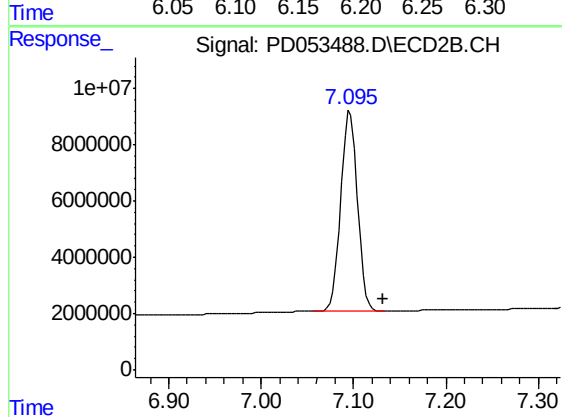
#24 Toxaphene-3

R.T.: 7.046 min
Delta R.T.: -0.011 min
Response: 73062
Conc: 7.19 ng/ml



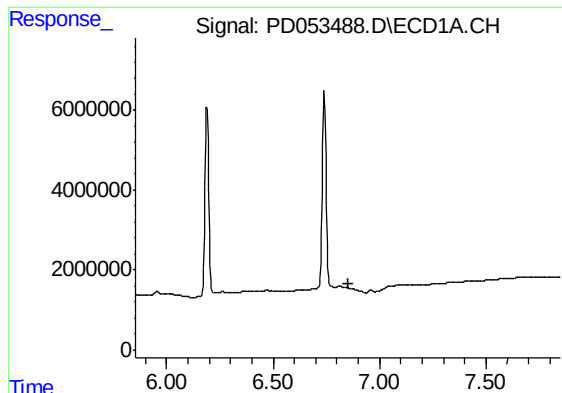
#25 Toxaphene-4

R.T.: 6.189 min
Delta R.T.: 0.065 min
Response: 5553383
Conc: 4569.92 ng/ml



#25 Toxaphene-4

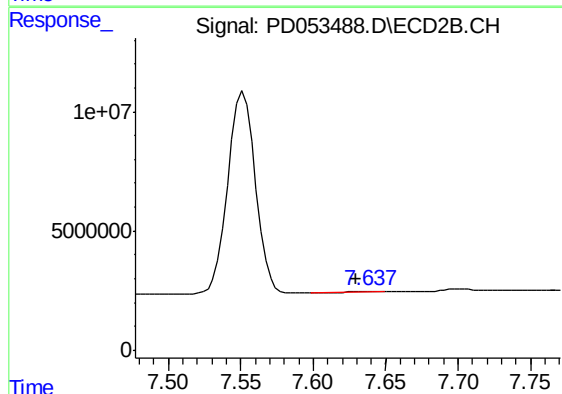
R.T.: 7.096 min
Delta R.T.: -0.036 min
Response: 90071219
Conc: 3159.33 ng/ml



#26 Toxaphene-5

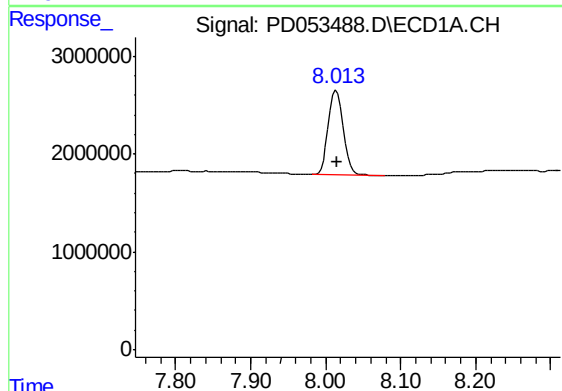
R.T.: 0.000 min
Exp R.T.: 6.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM29



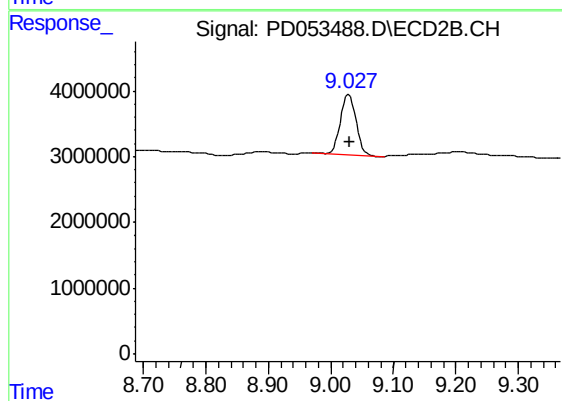
#26 Toxaphene-5

R.T.: 7.640 min
Delta R.T.: 0.010 min
Response: 92234
Conc: 7.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 12239395
Conc: 18.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.000 min
Response: 15873262
Conc: 15.37 ng/ml