

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047711.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 01:20
 Operator : YP/AJ
 Sample : P2440-03
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 04:10:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.462	7356468	46.908 ug/ml
Spiked Amount 50.000		Recovery =	93.82%
6) S 2-Fluorobiphenyl (SURR)	8.315	4660348	44.553 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.11%
11) S ortho-Terphenyl (SURR)	11.355	4846440	25.843 ug/ml
Spiked Amount 50.000		Recovery =	51.69%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.117	403260	2.473 ug/ml
7) T Acenaphthene (C15.5)	8.411	227662	1.354 ug/ml
8) T Flouorene (C16.55)	9.190	375799	2.259 ug/ml
9) T Phenanthrene (C19.36)	10.581	2295624	14.022 ug/ml
10) T Anthracene (C19.43)	10.656	256425	1.712 ug/ml
12) T Fluoranthene (C21.85)	12.387	1794826	10.817 ug/ml
13) T Pyrene (C20.8)	12.681	2412120	14.825 ug/ml
14) T Benzo[a]anthracene (C...	14.549	418583	2.868 ug/ml
15) T Chrysene (C27.41)	14.589	845963	5.368 ug/ml
16) T benzo[b]fluoranthene ...	16.098	367120	2.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.098	367120	2.439 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	455304	3.155 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	239961	1.768 ug/ml
20) T Dibenz[a,h]anthracene...	17.838	239961	1.676 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	276860	2.016 ug/ml

(f)=RT Delta > 1/2 Window

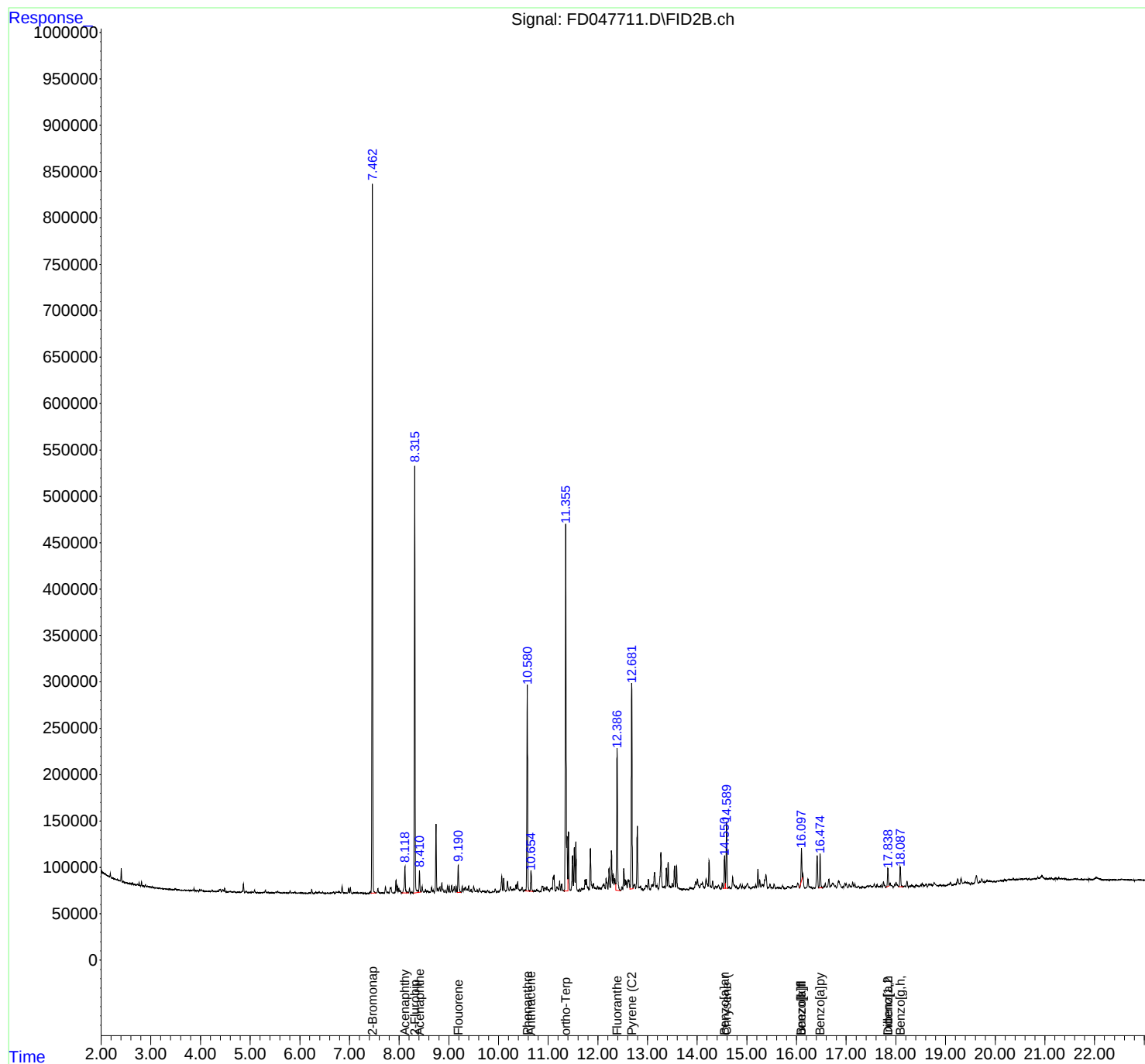
(m)=manual int.

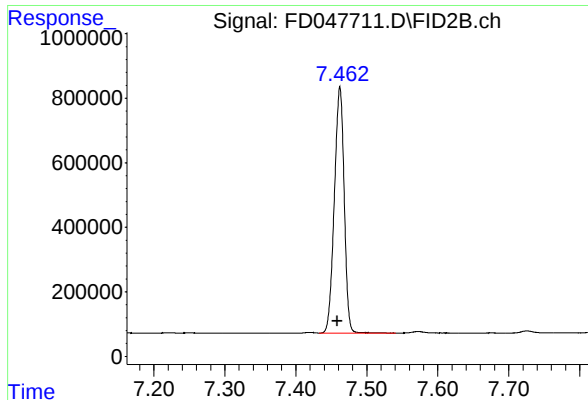
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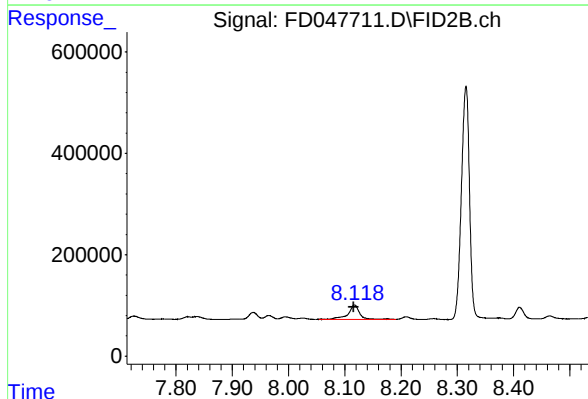




#4 2-Bromonaphthalene (SURR)

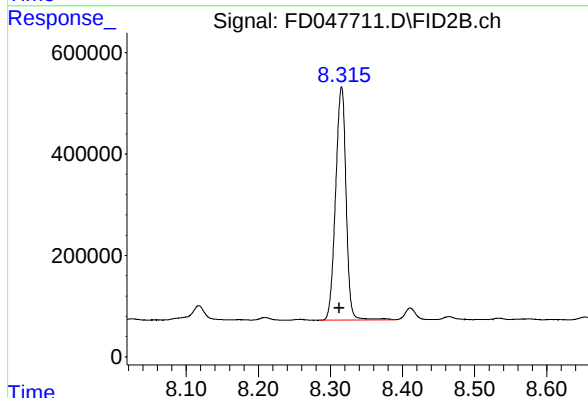
R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 7356468
Conc: 46.91 ug/ml

Instrument :
FID_D
ClientSampleId :



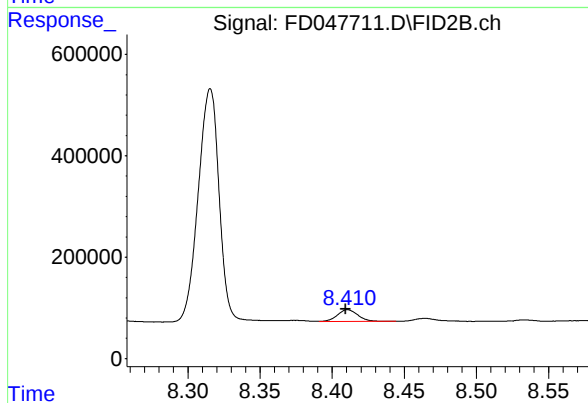
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 403260
Conc: 2.47 ug/ml



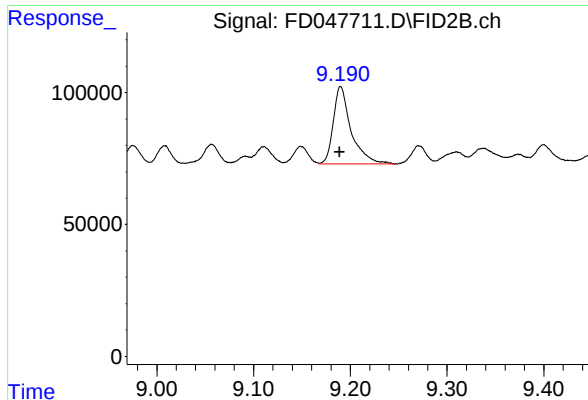
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 4660348
Conc: 44.55 ug/ml



#7 Acenaphthene (C15.5)

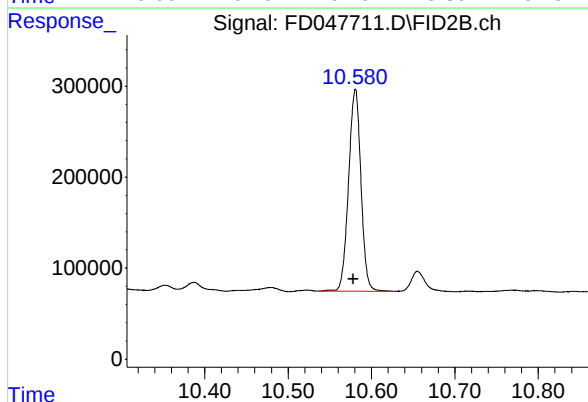
R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 227662
Conc: 1.35 ug/ml



#8 Flouorene (C16.55)

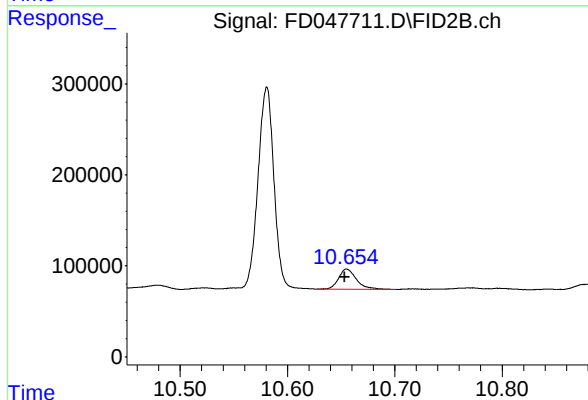
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 375799
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :



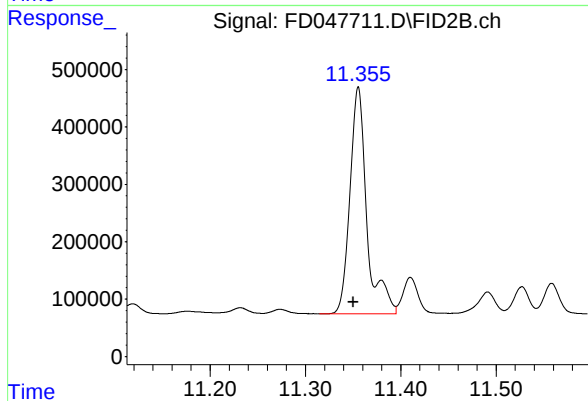
#9 Phenanthrene (C19.36)

R.T.: 10.581 min
Delta R.T.: 0.002 min
Response: 2295624
Conc: 14.02 ug/ml



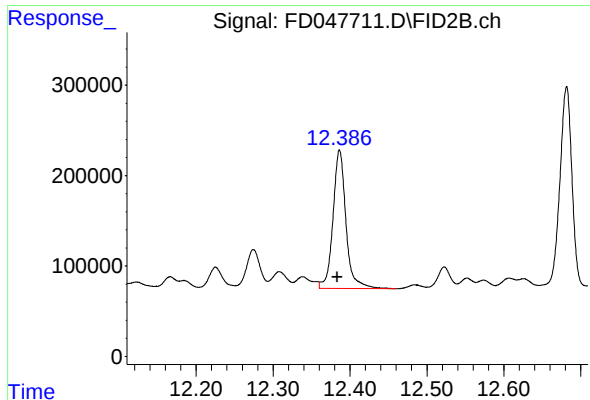
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 256425
Conc: 1.71 ug/ml



#11 ortho-Terphenyl (SURR)

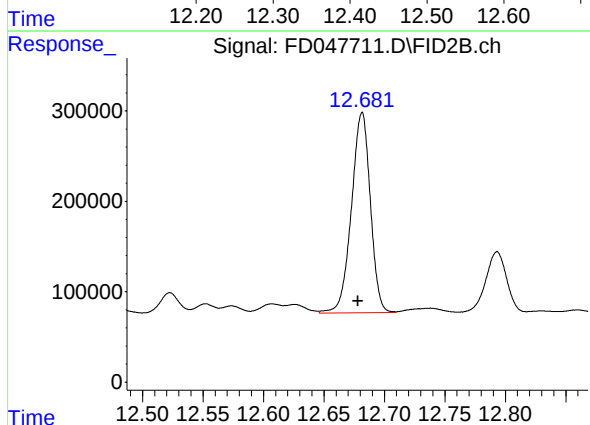
R.T.: 11.355 min
Delta R.T.: 0.005 min
Response: 4846440
Conc: 25.84 ug/ml



#12 Fluoranthene (C21.85)

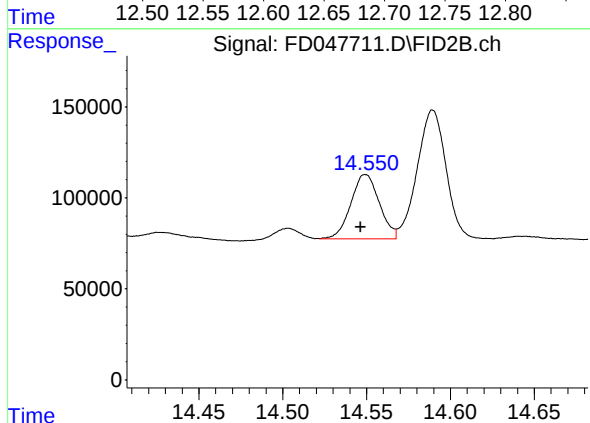
R.T.: 12.387 min
Delta R.T.: 0.003 min
Response: 1794826
Conc: 10.82 ug/ml

Instrument :
FID_D
ClientSampleId :



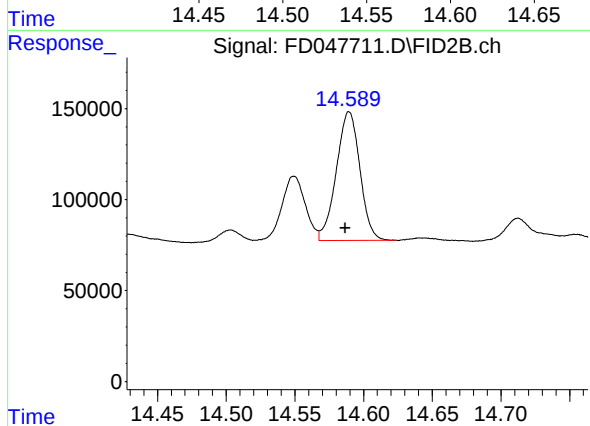
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.003 min
Response: 2412120
Conc: 14.82 ug/ml



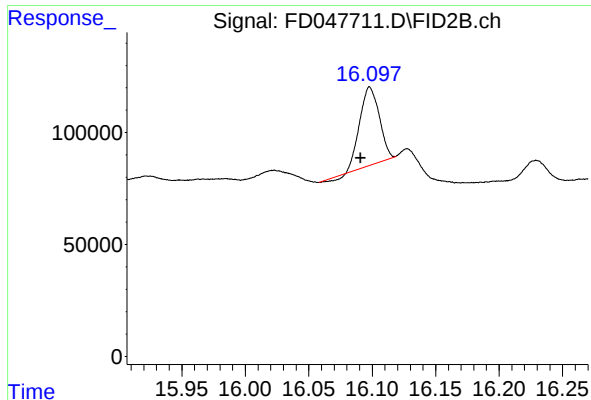
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.003 min
Response: 418583
Conc: 2.87 ug/ml



#15 Chrysene (C27.41)

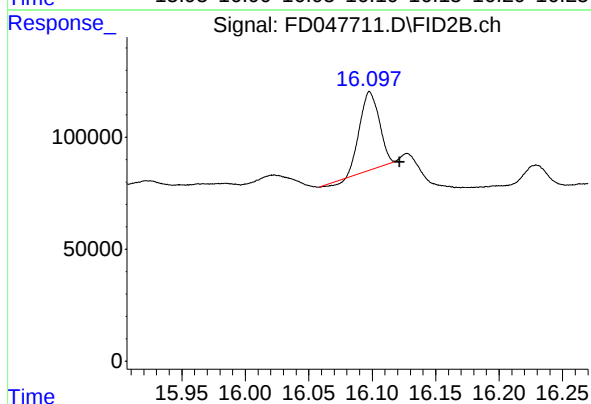
R.T.: 14.589 min
Delta R.T.: 0.003 min
Response: 845963
Conc: 5.37 ug/ml



#16 benzo[b]fluoranthene (C30.41)

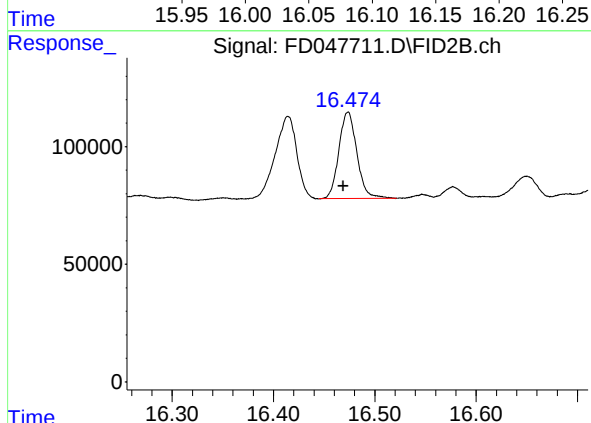
R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 367120
Conc: 2.46 ug/ml

Instrument :
FID_D
ClientSampleId :



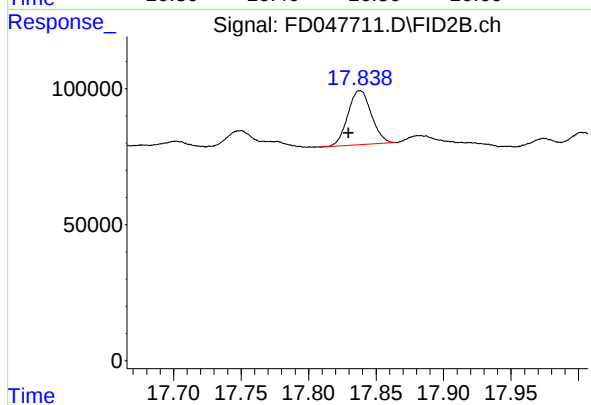
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.098 min
Delta R.T.: -0.023 min
Response: 367120
Conc: 2.44 ug/ml



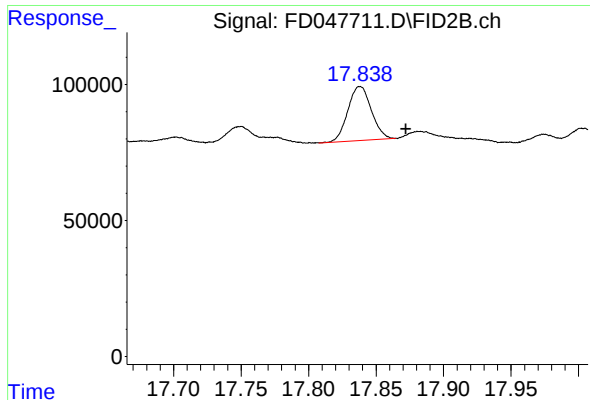
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.004 min
Response: 455304
Conc: 3.16 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

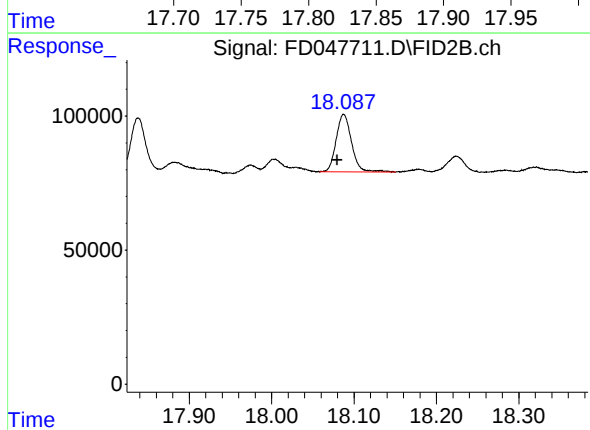
R.T.: 17.838 min
Delta R.T.: 0.008 min
Response: 239961
Conc: 1.77 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.838 min
Delta R.T.: -0.034 min
Response: 239961
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.088 min
Delta R.T.: 0.008 min
Response: 276860
Conc: 2.02 ug/ml