

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022024AR\
 Data File : FD047264.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 14:10
 Operator : YP/AJ
 Sample : PB159132BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 01:32:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.465	6540537	42.961 ug/ml
Spiked Amount 50.000		Recovery =	85.92%
6) S 2-Fluorobiphenyl (SURR)	8.317	3305035	32.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	65.39%
11) S ortho-Terphenyl (SURR)	11.354	6570761	37.256 ug/ml
Spiked Amount 50.000		Recovery =	74.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	4055613	25.726 ug/ml
2) T Naphthalene (C11.7)	5.804	5013709	30.167 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	5323851	31.569 ug/ml
5) T Acenaphthylene (C15.06)	8.121	5985948	38.891 ug/ml
7) T Acenaphthene (C15.5)	8.416	5887157	35.716 ug/ml
8) T Flouorene (C16.55)	9.194	6282082	39.623 ug/ml
9) T Phenanthrene (C19.36)	10.583	6447145	41.499 ug/ml
10) T Anthracene (C19.43)	10.658	6372652	43.214 ug/ml
12) T Fluoranthene (C21.85)	12.387	6657015	42.995 ug/ml
13) T Pyrene (C20.8)	12.681	6681536	44.417 ug/ml
14) T Benzo[a]anthracene (C...	14.546	6222799	46.292 ug/ml
15) T Chrysene (C27.41)	14.589	6195639	42.311 ug/ml
16) T benzo[b]fluoranthene ...	16.088	6084832	44.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	6053006	43.623 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	5793428	42.795 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	5993125	47.472 ug/ml
20) T Dibenz[a,h]anthracene...	17.863	5621215	42.188 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	5542098	41.797 ug/ml

(f)=RT Delta > 1/2 Window

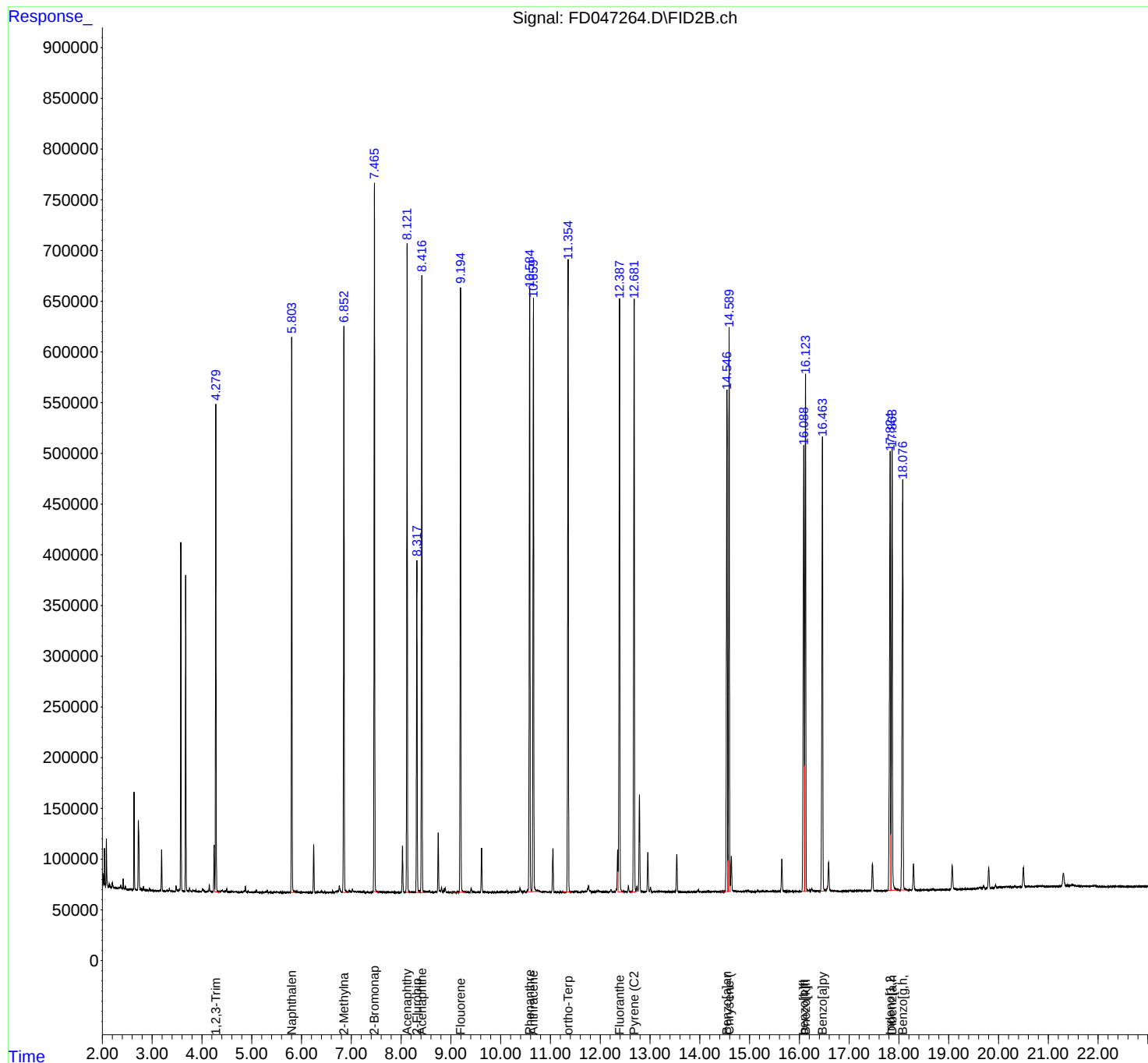
(m)=manual int.

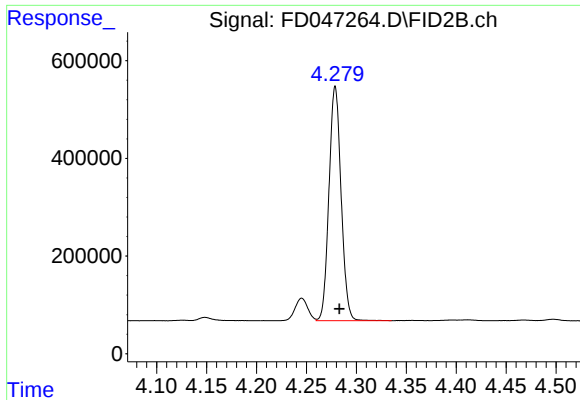
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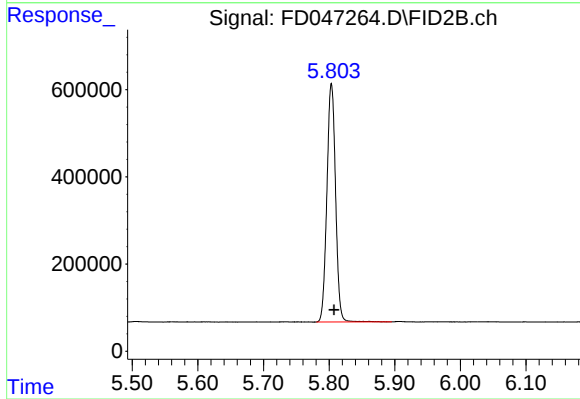




#1 1,2,3-Trimethylbenzene (C10.1)

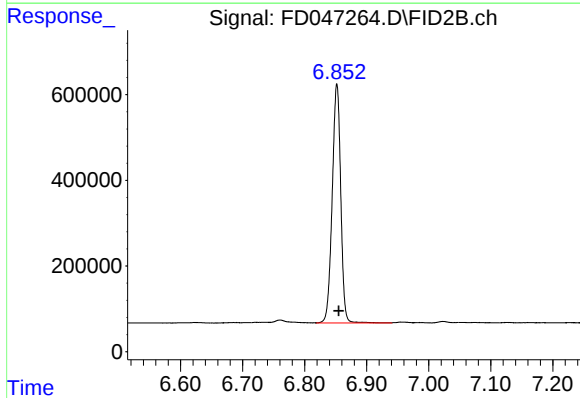
R.T.: 4.279 min
Delta R.T.: -0.004 min
Response: 4055613
Conc: 25.73 ug/ml

Instrument :
FID_D
ClientSampleId :



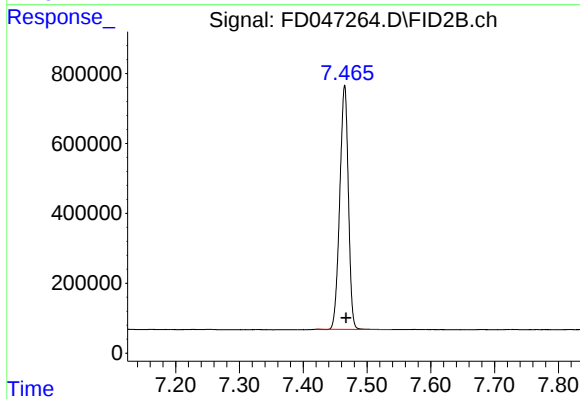
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 5013709
Conc: 30.17 ug/ml



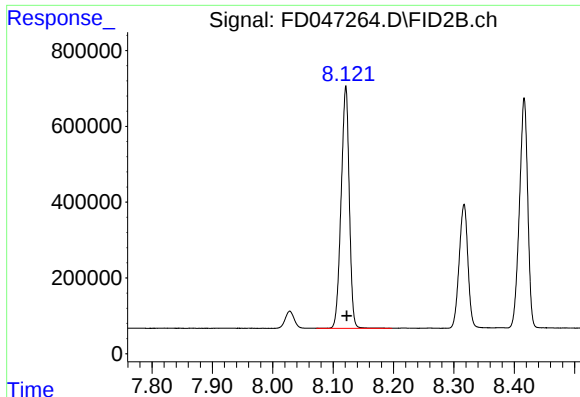
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 5323851
Conc: 31.57 ug/ml



#4 2-Bromonaphthalene (SURR)

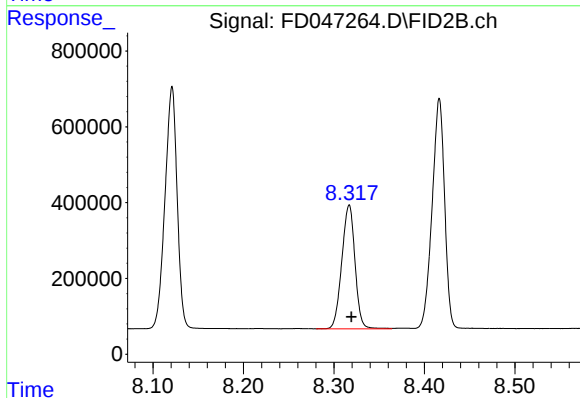
R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 6540537
Conc: 42.96 ug/ml



#5 Acenaphthylene (C15.06)

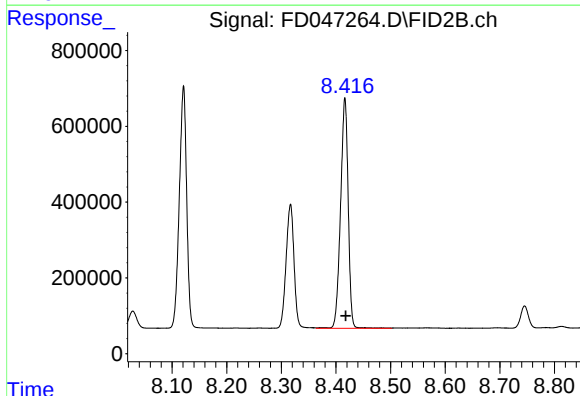
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 5985948
Conc: 38.89 ug/ml

Instrument :
FID_D
ClientSampleId :



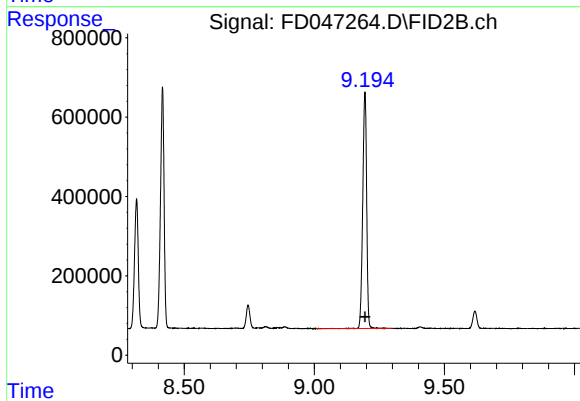
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 3305035
Conc: 32.70 ug/ml



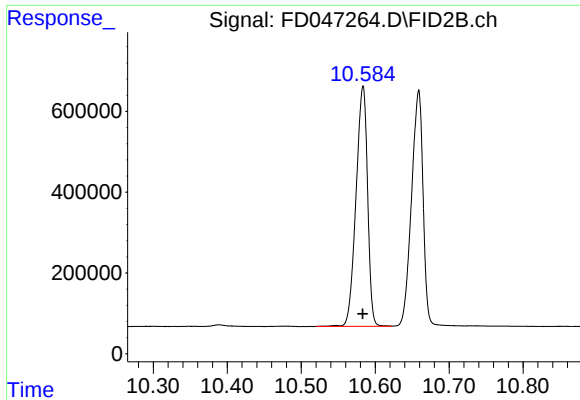
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: -0.002 min
Response: 5887157
Conc: 35.72 ug/ml



#8 Fluorene (C16.55)

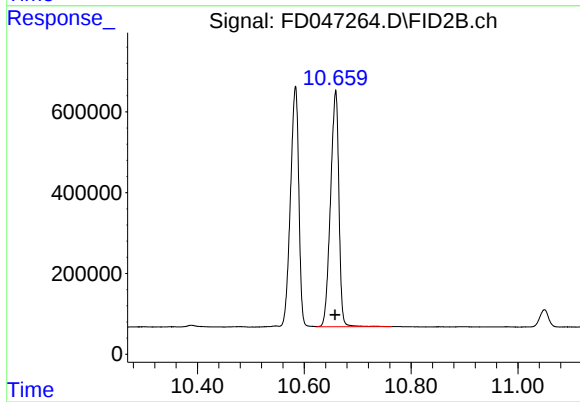
R.T.: 9.194 min
Delta R.T.: -0.001 min
Response: 6282082
Conc: 39.62 ug/ml



#9 Phenanthrene (C19.36)

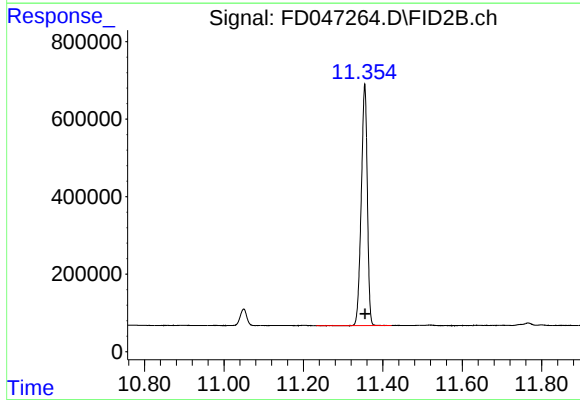
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 6447145
Conc: 41.50 ug/ml

Instrument :
FID_D
ClientSampleId :



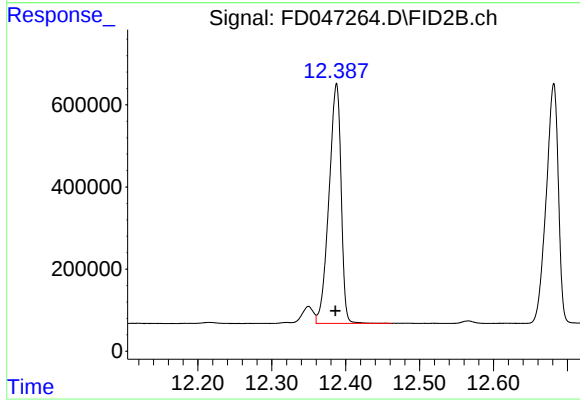
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.000 min
Response: 6372652
Conc: 43.21 ug/ml



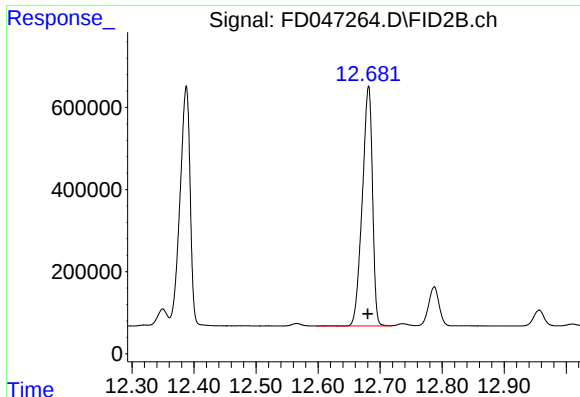
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 6570761
Conc: 37.26 ug/ml



#12 Fluoranthene (C21.85)

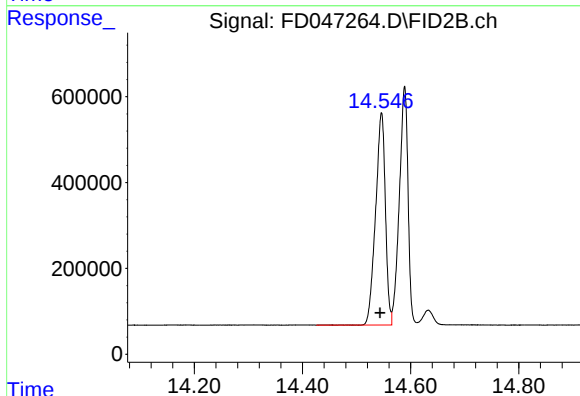
R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 6657015
Conc: 43.00 ug/ml



#13 Pyrene (C20.8)

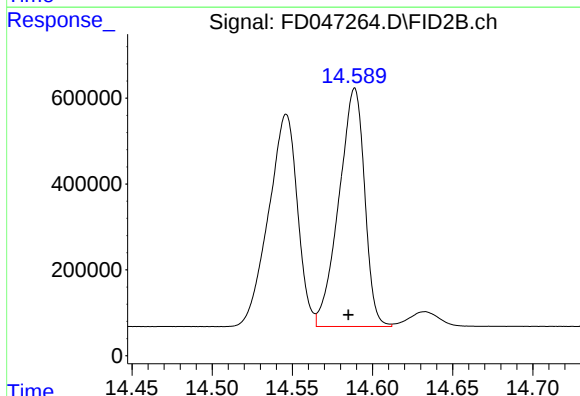
R.T.: 12.681 min
Delta R.T.: 0.001 min
Response: 6681536
Conc: 44.42 ug/ml

Instrument :
FID_D
ClientSampleId :



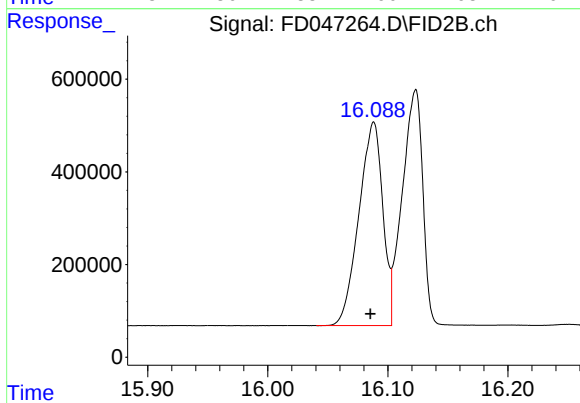
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.002 min
Response: 6222799
Conc: 46.29 ug/ml



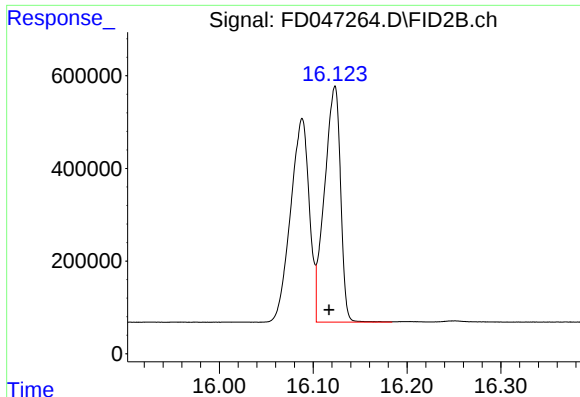
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.004 min
Response: 6195639
Conc: 42.31 ug/ml



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

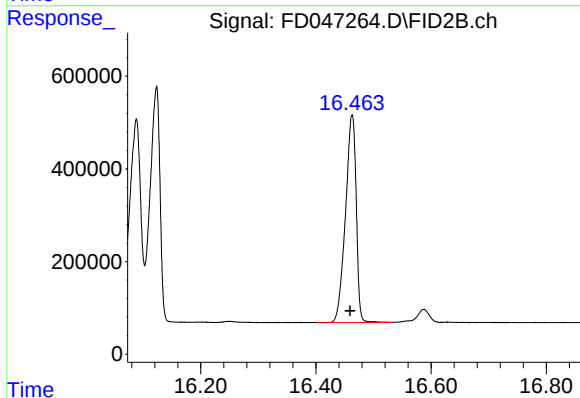
R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 6084832
Conc: 44.19 ug/ml



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

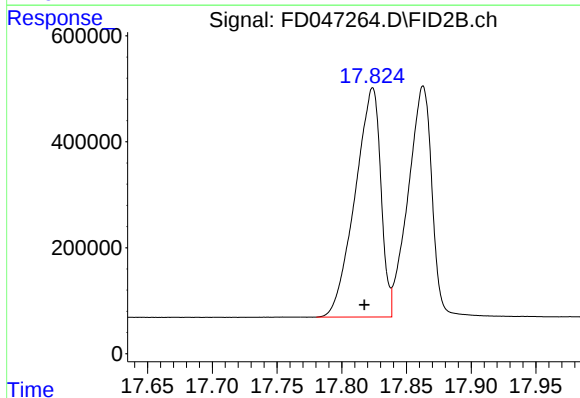
R.T.: 16.122 min
Delta R.T.: 0.006 min
Response: 6053006
Conc: 43.62 ug/ml

Instrument :
FID_D
ClientSampleId :



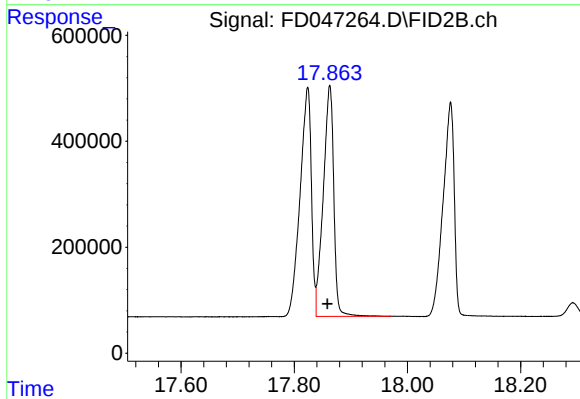
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.003 min
Response: 5793428
Conc: 42.79 ug/ml



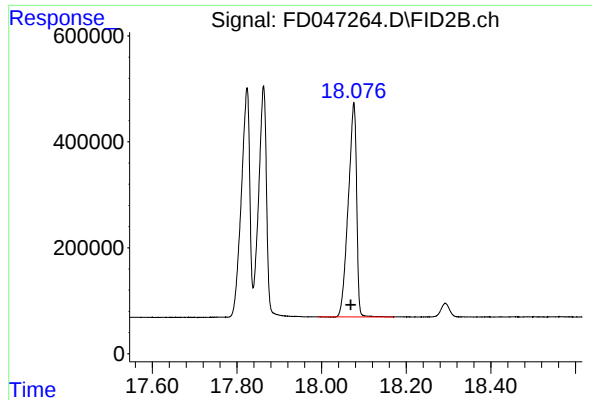
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: 0.006 min
Response: 5993125
Conc: 47.47 ug/ml



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

R.T.: 17.863 min
Delta R.T.: 0.004 min
Response: 5621215
Conc: 42.19 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.007 min
Response: 5542098
Conc: 41.80 ug/ml

Instrument :
FID_D
ClientSampleId :