

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046756.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2023 04:03
 Operator : YP/AJ
 Sample : 04816-05MS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 14 07:01:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 2023
 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...	7.490	9352567	50.382 ug/ml
Spiked Amount 50.000		Recovery =	100.76%
6) S 2-Fluorobiphenyl (SURR)	8.344	5754136	47.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.98%
11) S ortho-Terphenyl (SURR)	11.382	9088914	42.009 ug/ml
Spiked Amount 50.000		Recovery =	84.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	6790612	34.970 ug/ml
2) T Naphthalene (C11.7)	5.828	7664957	37.888 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	7935369	38.849 ug/ml
5) T Acenaphthylene (C15.06)	8.148	8224473	44.555 ug/ml
7) T Acenaphthene (C15.5)	8.444	8571517	43.118 ug/ml
8) T Flouorene (C16.55)	9.222	8926948	46.897 ug/ml
9) T Phenanthrene (C19.36)	10.612	9233940	50.097 ug/ml
10) T Anthracene (C19.43)	10.688	9070826	69.383 ug/ml
12) T Fluoranthene (C21.85)	12.416	9349681	51.317 ug/ml
13) T Pyrene (C20.8)	12.712	9340323	53.263 ug/ml
14) T Benzo[a]anthracene (C...	14.576	8524838	58.212 ug/ml
15) T Chrysene (C27.41)	14.621	8523547	52.978 ug/ml
16) T benzo[b]fluoranthene ...	16.120	8199241	54.872 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	8025645	53.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	7407566	52.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	7654179	56.459 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	7141166	50.540 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	7323417	52.061 ug/ml

(f)=RT Delta > 1/2 Window

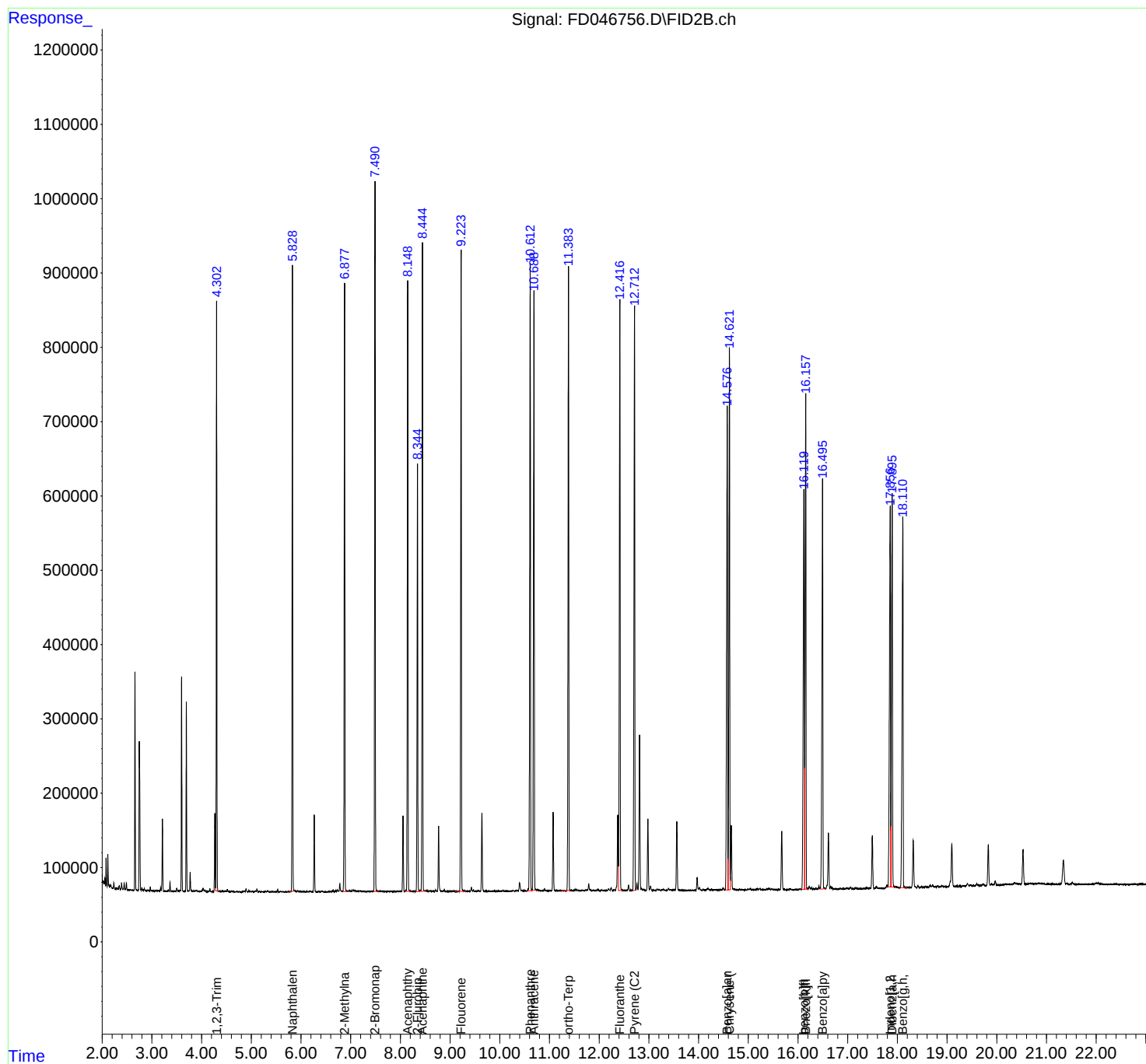
(m)=manual int.

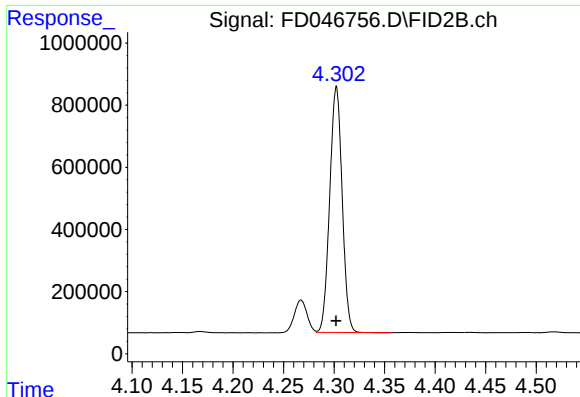
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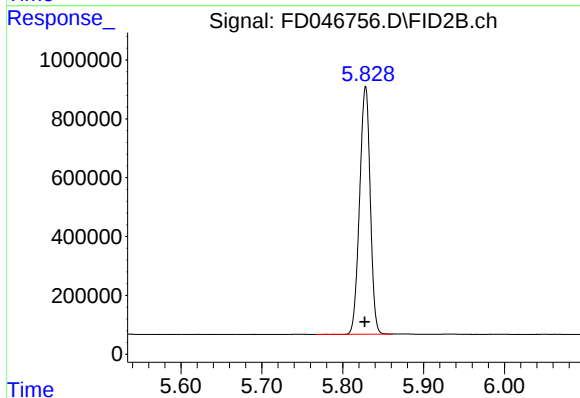




#1 1,2,3-Trimethylbenzene (C10.1)

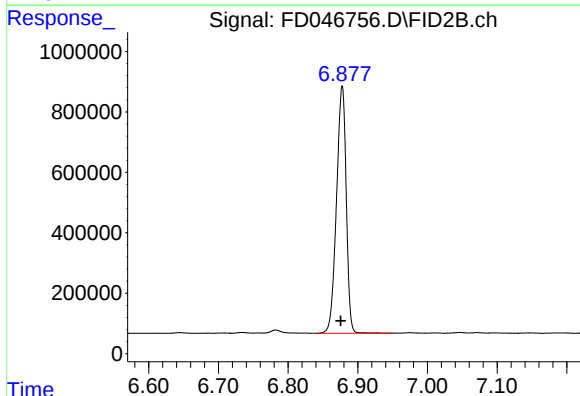
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 6790612
Conc: 34.97 ug/ml

Instrument :
FID_D
ClientSampleId :



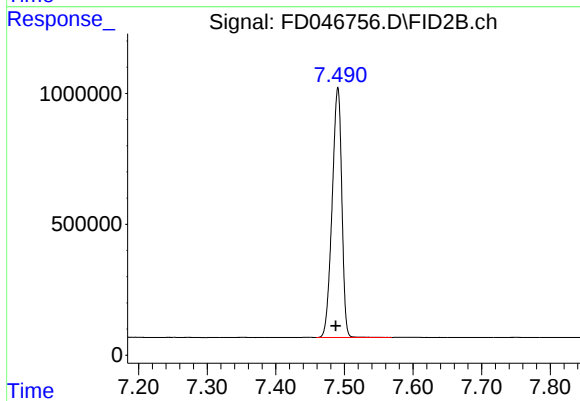
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 7664957
Conc: 37.89 ug/ml



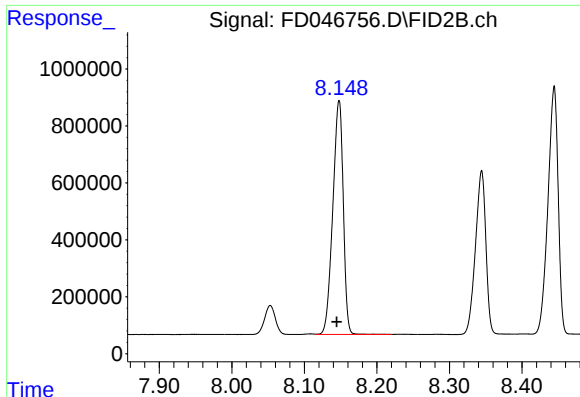
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 7935369
Conc: 38.85 ug/ml



#4 2-Bromonaphthalene (SURR)

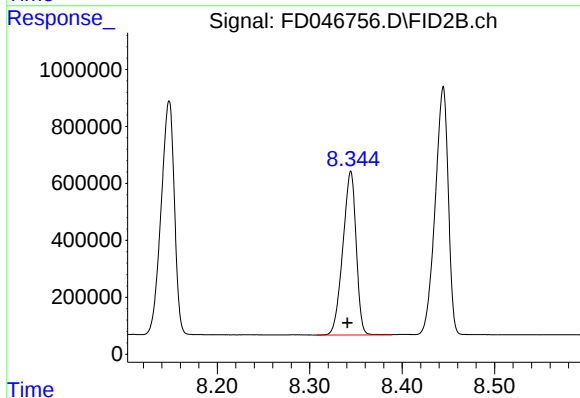
R.T.: 7.490 min
Delta R.T.: 0.003 min
Response: 9352567
Conc: 50.38 ug/ml



#5 Acenaphthylene (C15.06)

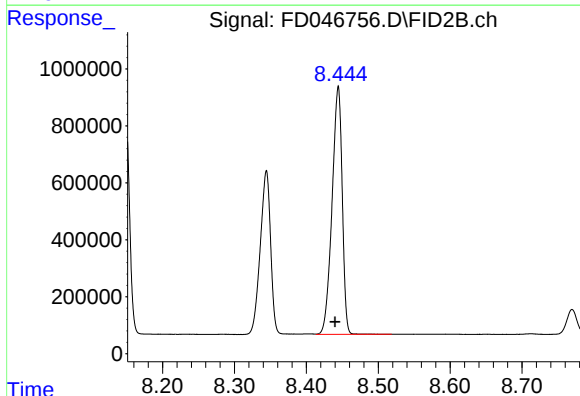
R.T.: 8.148 min
Delta R.T.: 0.003 min
Response: 8224473
Conc: 44.55 ug/ml

Instrument :
FID_D
ClientSampleId :



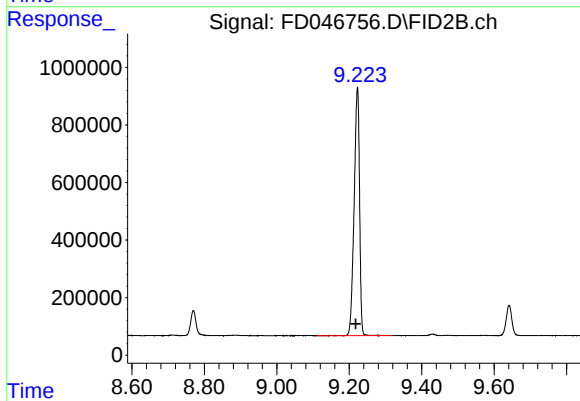
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: 0.003 min
Response: 5754136
Conc: 47.49 ug/ml



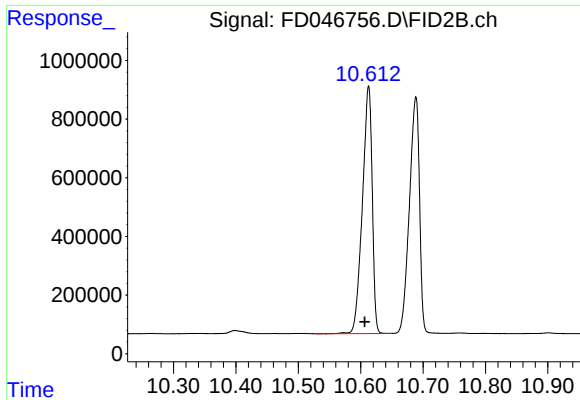
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: 0.004 min
Response: 8571517
Conc: 43.12 ug/ml



#8 Flouorene (C16.55)

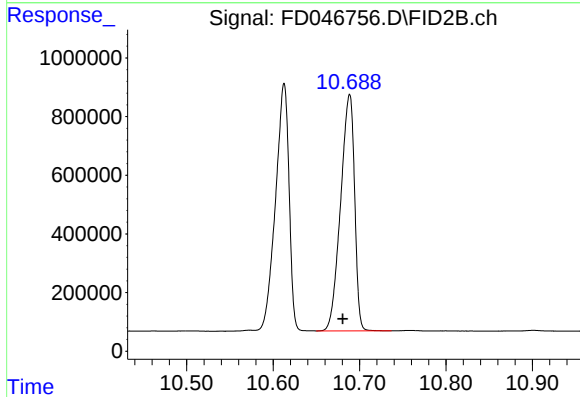
R.T.: 9.222 min
Delta R.T.: 0.004 min
Response: 8926948
Conc: 46.90 ug/ml



#9 Phenanthrene (C19.36)

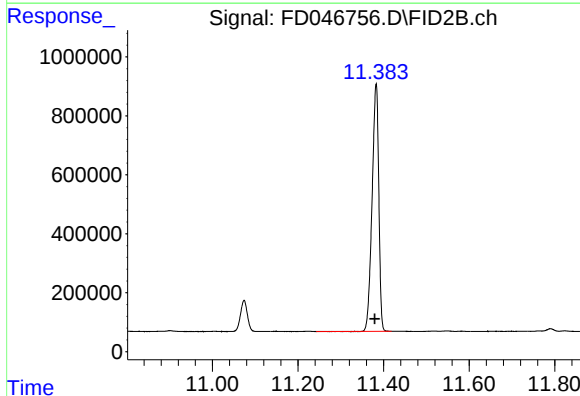
R.T.: 10.612 min
Delta R.T.: 0.006 min
Response: 9233940
Conc: 50.10 ug/ml

Instrument :
FID_D
ClientSampleId :



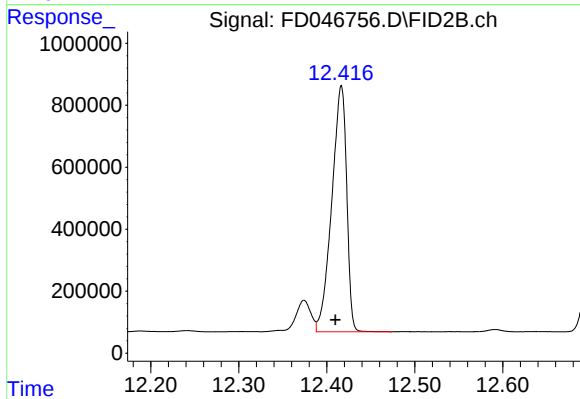
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: 0.008 min
Response: 9070826
Conc: 69.38 ug/ml



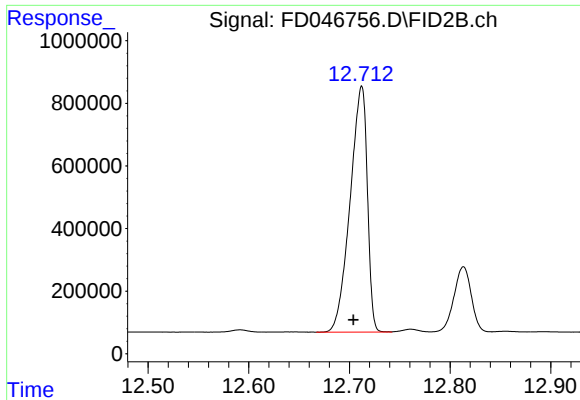
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.003 min
Response: 9088914
Conc: 42.01 ug/ml



#12 Fluoranthene (C21.85)

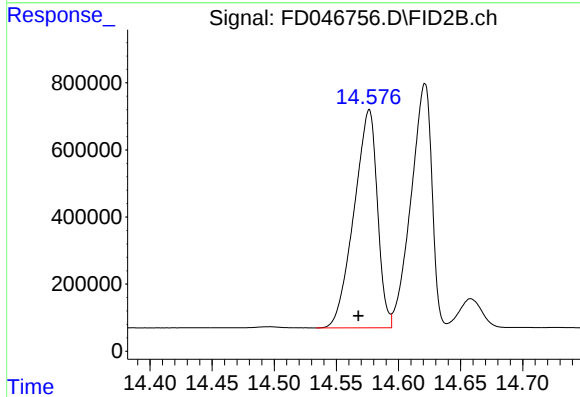
R.T.: 12.416 min
Delta R.T.: 0.006 min
Response: 9349681
Conc: 51.32 ug/ml



#13 Pyrene (C20.8)

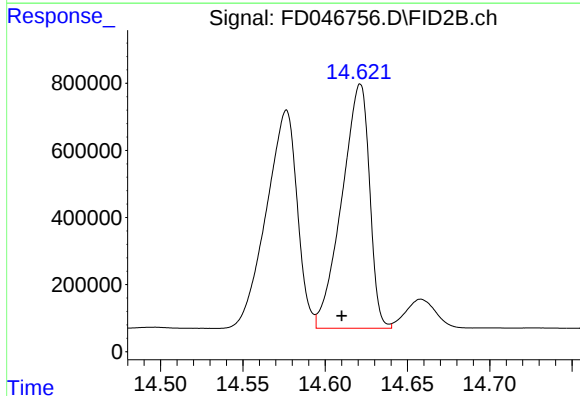
R.T.: 12.712 min
Delta R.T.: 0.008 min
Response: 9340323
Conc: 53.26 ug/ml

Instrument :
FID_D
ClientSampleId :



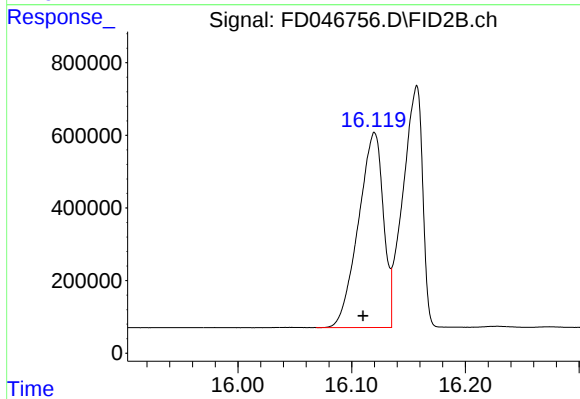
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: 0.008 min
Response: 8524838
Conc: 58.21 ug/ml



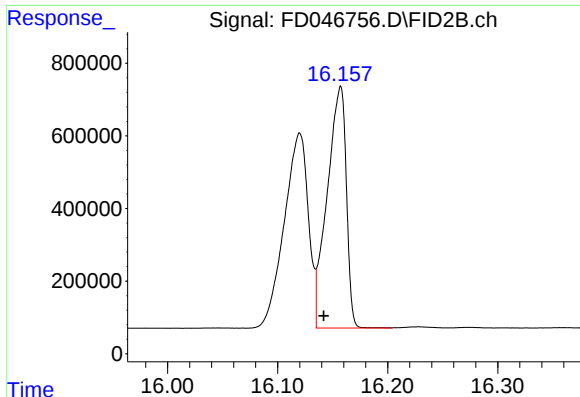
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.011 min
Response: 8523547
Conc: 52.98 ug/ml



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

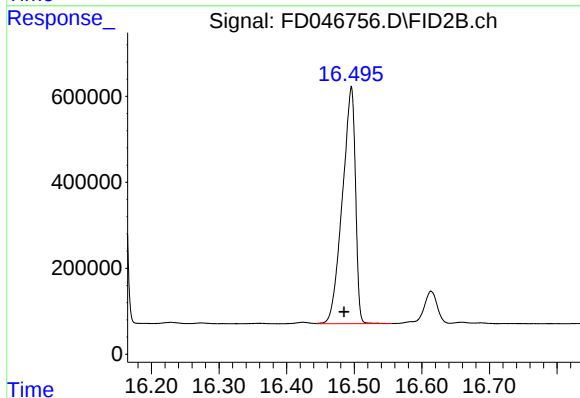
R.T.: 16.120 min
Delta R.T.: 0.009 min
Response: 8199241
Conc: 54.87 ug/ml



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

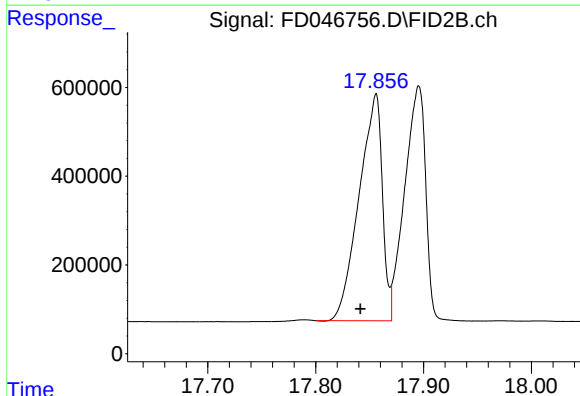
R.T.: 16.156 min
Delta R.T.: 0.014 min
Response: 8025645
Conc: 53.35 ug/ml

Instrument :
FID_D
ClientSampleId :



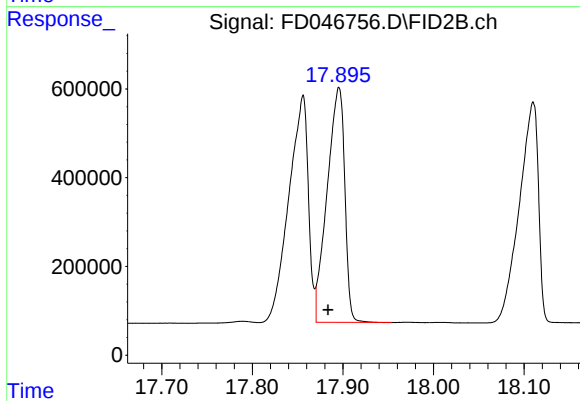
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: 0.010 min
Response: 7407566
Conc: 52.38 ug/ml



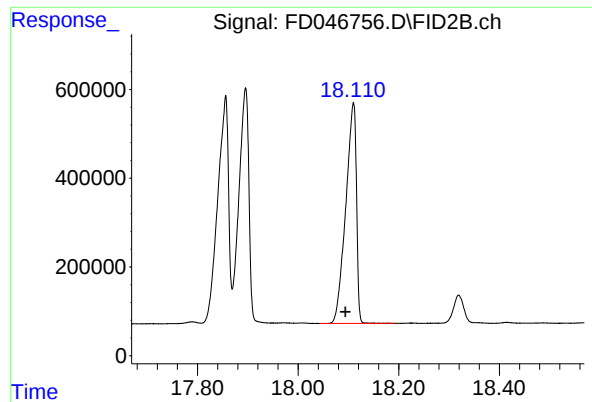
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.014 min
Response: 7654179
Conc: 56.46 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.011 min
Response: 7141166
Conc: 50.54 ug/ml



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

R.T.: 18.109 min
Delta R.T.: 0.015 min
Response: 7323417
Conc: 52.06 ug/ml

Instrument :

FID_D

ClientSampleId :