

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121423AR\
 Data File : FD047032.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2023 17:57
 Operator : YP/AJ
 Sample : PB157783BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB157783BS

Integration File: autoint1.e
 Quant Time: Dec 14 23:25:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.473	9359168	54.098 ug/ml
Spiked Amount 50.000		Recovery =	108.20%
6) S 2-Fluorobiphenyl (SURR)	8.326	4964476	45.654 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.31%
11) S ortho-Terphenyl (SURR)	11.365	10774424	54.144 ug/ml
Spiked Amount 50.000		Recovery =	108.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	6806716	36.583 ug/ml
2) T Naphthalene (C11.7)	5.812	8118383	42.632 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	8399289	43.616 ug/ml
5) T Acenaphthylene (C15.06)	8.131	9090272	52.221 ug/ml
7) T Acenaphthene (C15.5)	8.426	8922029	48.109 ug/ml
8) T Flouorene (C16.55)	9.205	9189614	53.238 ug/ml
9) T Phenanthrene (C19.36)	10.593	9364387	57.035 ug/ml
10) T Anthracene (C19.43)	10.669	9001487	58.209 ug/ml
12) T Fluoranthene (C21.85)	12.398	9747919	61.503 ug/ml
13) T Pyrene (C20.8)	12.693	9684843	63.299 ug/ml
14) T Benzo[a]anthracene (C...	14.556	8274133	63.813 ug/ml
15) T Chrysene (C27.41)	14.600	8381700	58.477 ug/ml
16) T benzo[b]fluoranthene ...	16.098	8145233	60.981 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	8105572	59.328 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	7733223	59.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	7453271	62.464 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	6789929	52.255 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	7223405	55.208 ug/ml

(f)=RT Delta > 1/2 Window

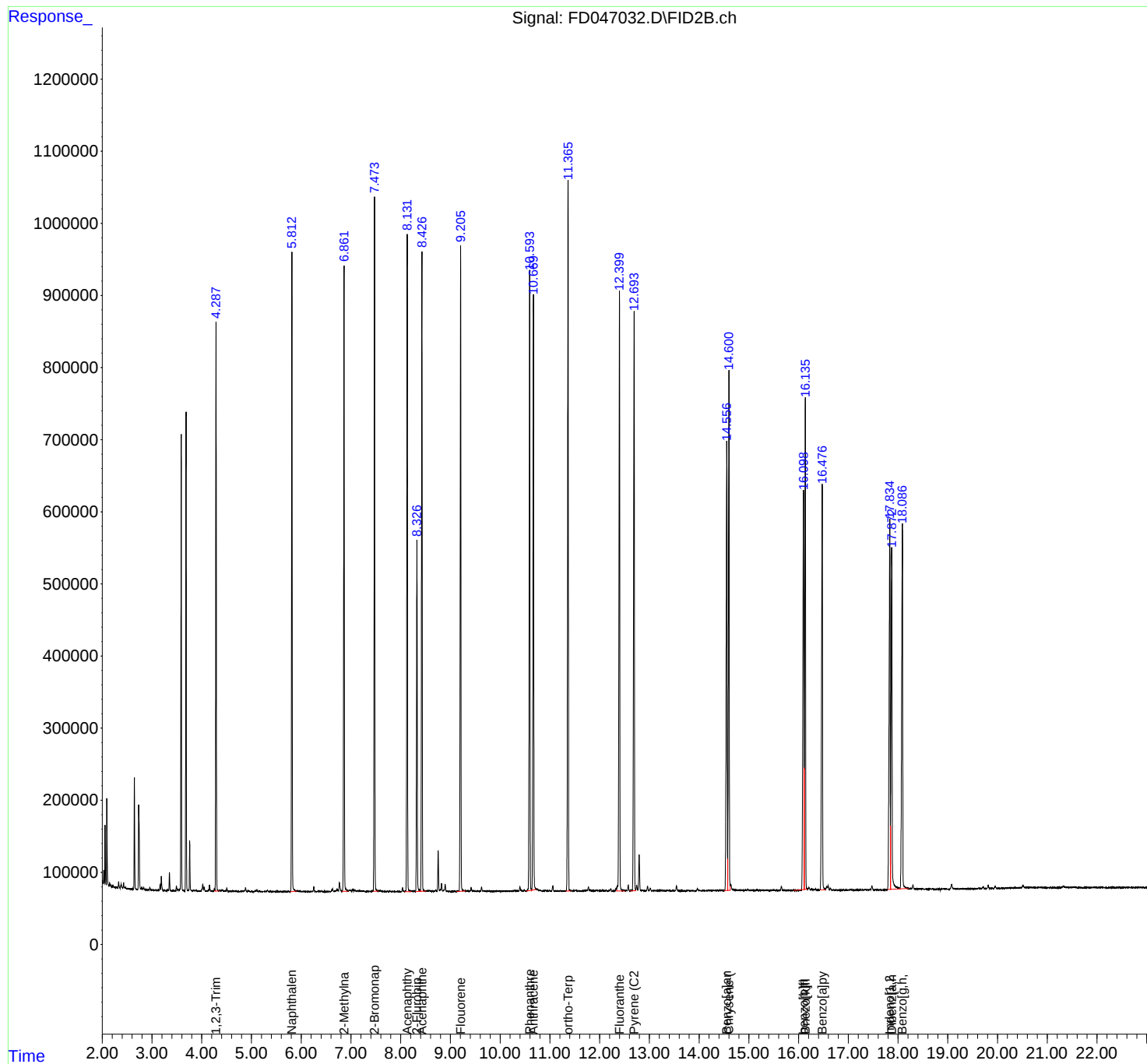
(m)=manual int.

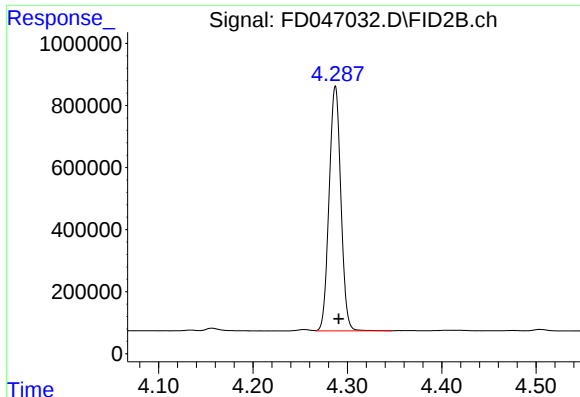
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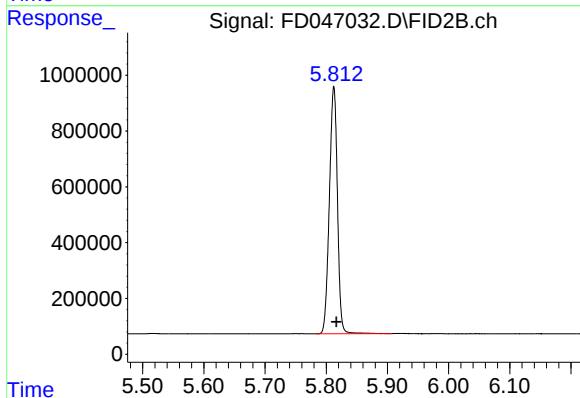




#1 1,2,3-Trimethylbenzene (C10.1)

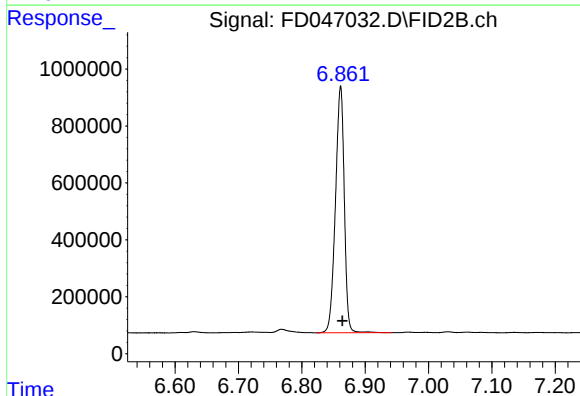
R.T.: 4.287 min
Delta R.T.: -0.004 min
Response: 6806716
Conc: 36.58 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157783BS



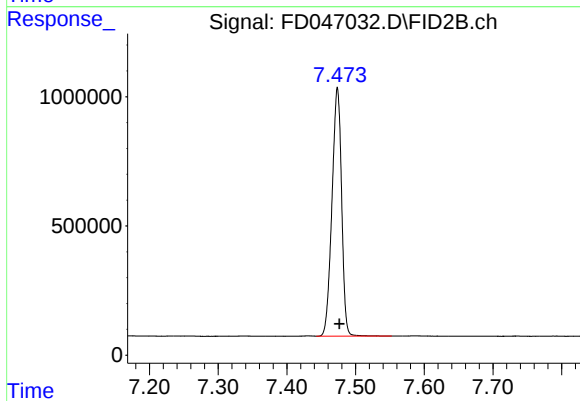
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 8118383
Conc: 42.63 ug/ml



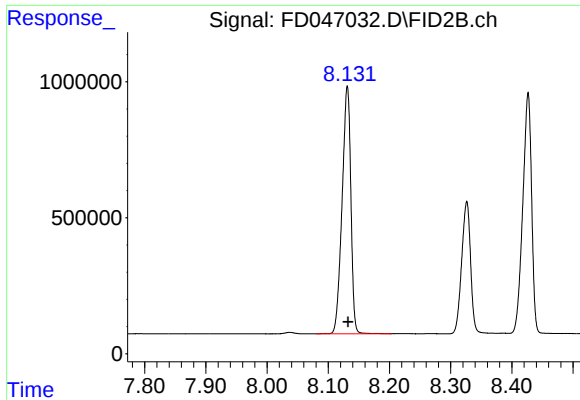
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 8399289
Conc: 43.62 ug/ml



#4 2-Bromonaphthalene (SURR)

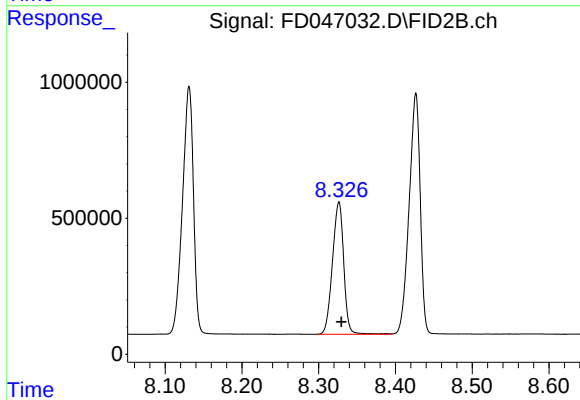
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 9359168
Conc: 54.10 ug/ml



#5 Acenaphthylene (C15.06)

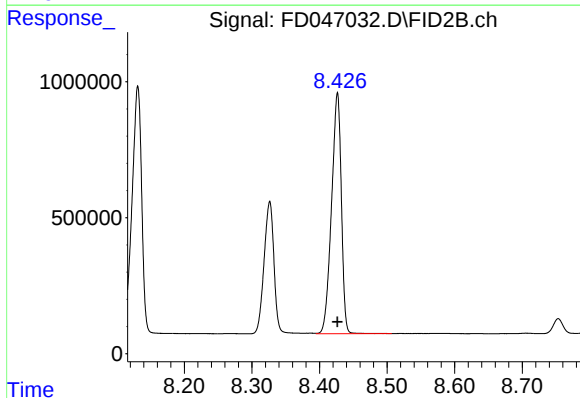
R.T.: 8.131 min
Delta R.T.: -0.001 min
Response: 9090272
Conc: 52.22 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157783BS



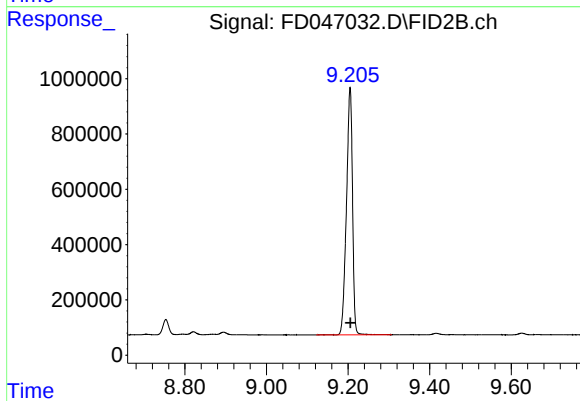
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.003 min
Response: 4964476
Conc: 45.65 ug/ml



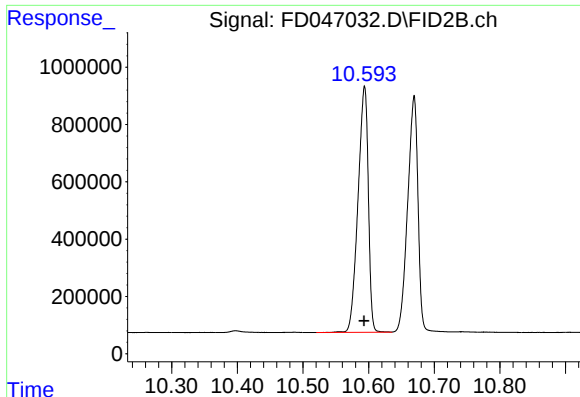
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 8922029
Conc: 48.11 ug/ml



#8 Flouorene (C16.55)

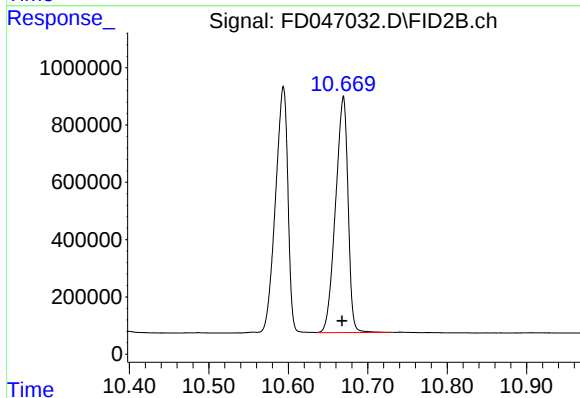
R.T.: 9.205 min
Delta R.T.: -0.001 min
Response: 9189614
Conc: 53.24 ug/ml



#9 Phenanthrene (C19.36)

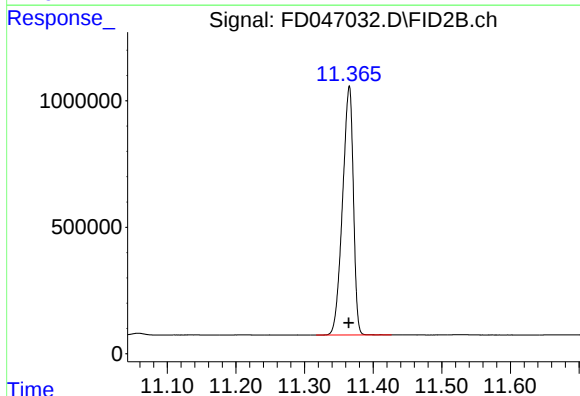
R.T.: 10.593 min
Delta R.T.: 0.000 min
Response: 9364387
Conc: 57.04 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157783BS



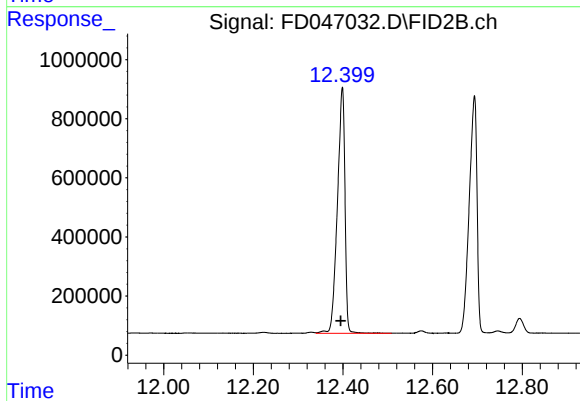
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 9001487
Conc: 58.21 ug/ml



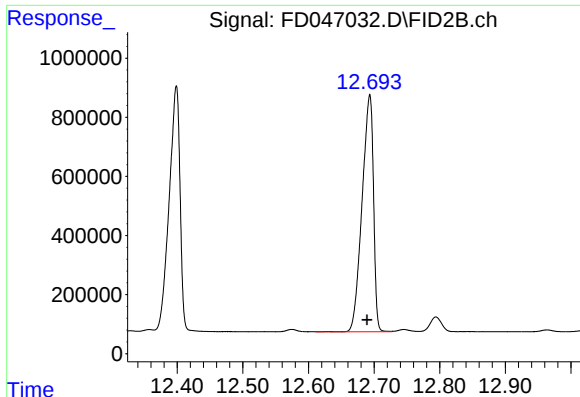
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 10774424
Conc: 54.14 ug/ml



#12 Fluoranthene (C21.85)

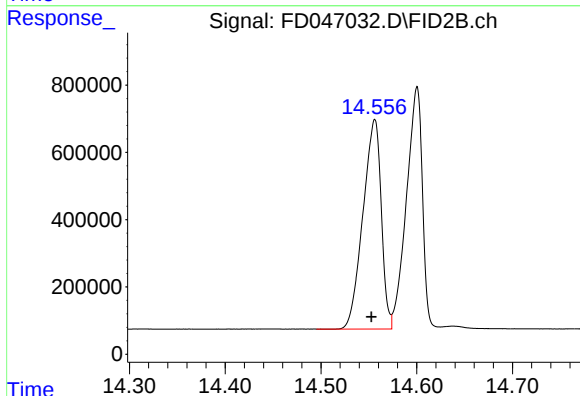
R.T.: 12.398 min
Delta R.T.: 0.003 min
Response: 9747919
Conc: 61.50 ug/ml



#13 Pyrene (C20.8)

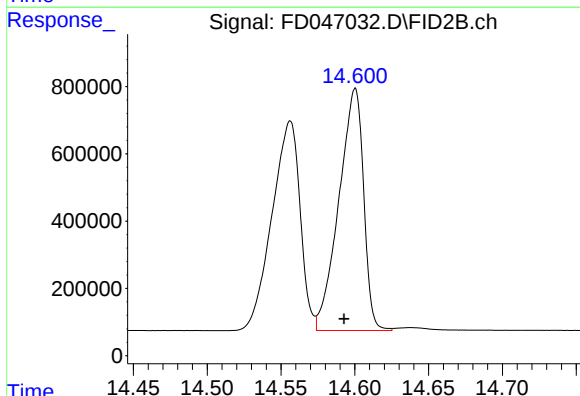
R.T.: 12.693 min
Delta R.T.: 0.004 min
Response: 9684843
Conc: 63.30 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157783BS



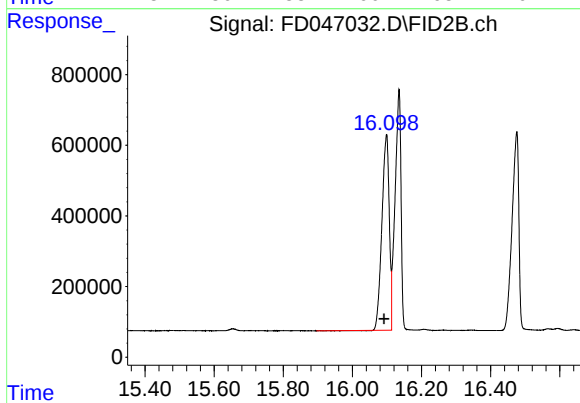
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.003 min
Response: 8274133
Conc: 63.81 ug/ml



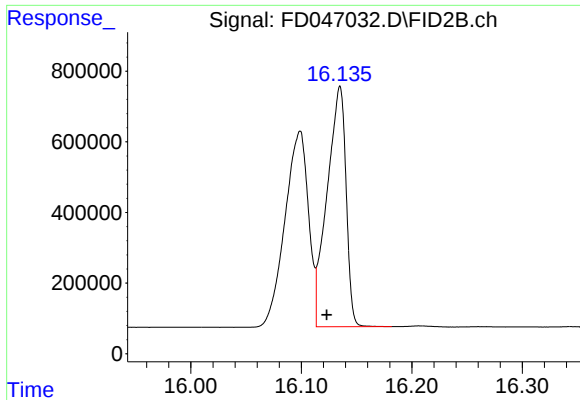
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: 0.007 min
Response: 8381700
Conc: 58.48 ug/ml



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

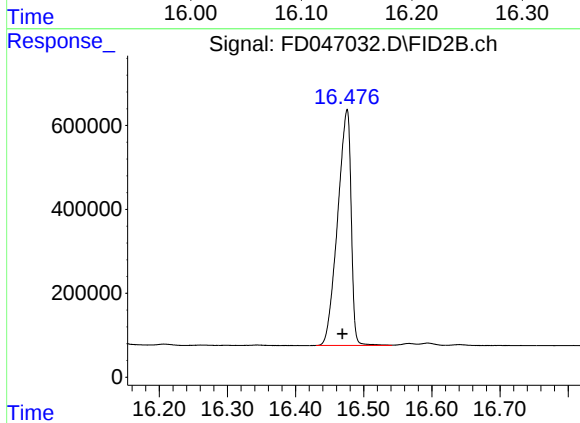
R.T.: 16.098 min
Delta R.T.: 0.006 min
Response: 8145233
Conc: 60.98 ug/ml



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

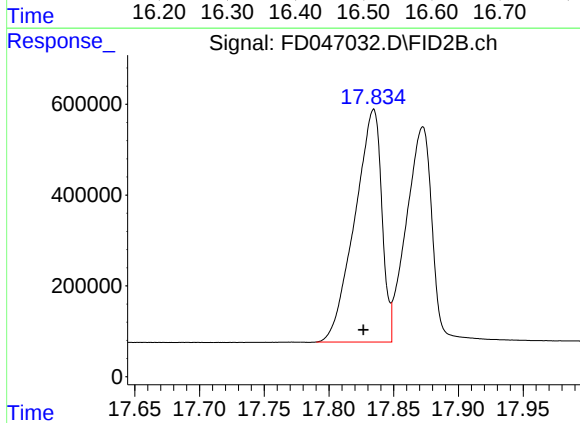
R.T.: 16.134 min
Delta R.T.: 0.011 min
Response: 8105572
Conc: 59.33 ug/ml

Instrument :
FID_D
ClientSampleId :
PB157783BS



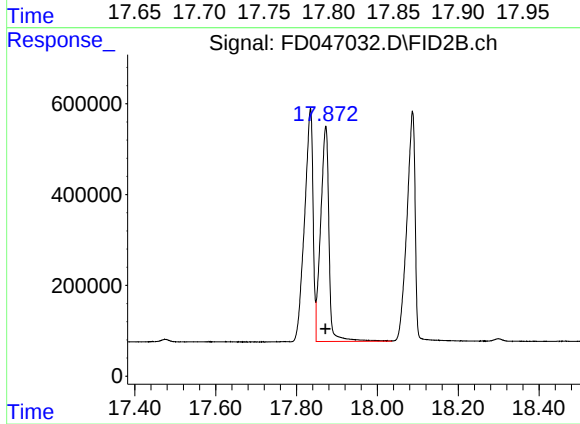
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.006 min
Response: 7733223
Conc: 59.03 ug/ml



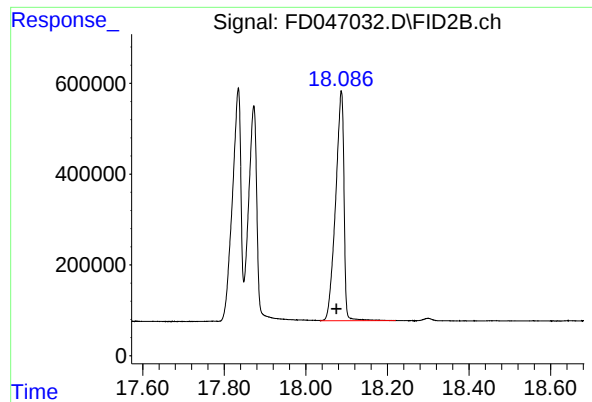
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: 0.007 min
Response: 7453271
Conc: 62.46 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.000 min
Response: 6789929
Conc: 52.26 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.012 min
Response: 7223405
Conc: 55.21 ug/ml

Instrument :

FID_D

ClientSampleId :

PB157783BS