

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047086.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 09:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 26 10:33:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.470	3742676	22.576 ug/ml
Spiked Amount 50.000		Recovery =	45.15%
6) S 2-Fluorobiphenyl (SURR)	8.323	2307781	22.146 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.29%
11) S ortho-Terphenyl (SURR)	11.359	4369215	22.625 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	4079712	22.612 ug/ml
2) T Naphthalene (C11.7)	5.811	4150305	22.547 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	4118458	22.438 ug/ml
5) T Acenaphthylene (C15.06)	8.127	3763899	22.439 ug/ml
7) T Acenaphthene (C15.5)	8.421	4040555	22.465 ug/ml
8) T Flouorene (C16.55)	9.199	3668209	22.131 ug/ml
9) T Phenanthrene (C19.36)	10.587	3448613	22.109 ug/ml
10) T Anthracene (C19.43)	10.661	3045833	21.028 ug/ml
12) T Fluoranthene (C21.85)	12.389	3393057	22.415 ug/ml
13) T Pyrene (C20.8)	12.683	3275931	22.337 ug/ml
14) T Benzo[a]anthracene (C...	14.546	2620649	21.296 ug/ml
15) T Chrysene (C27.41)	14.588	2933617	20.899 ug/ml
16) T benzo[b]fluoranthene ...	16.089	2838045	22.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	2974927	22.367 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	2723376	21.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2226535	20.084 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2311557	18.091 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2748165	21.451 ug/ml

(f)=RT Delta > 1/2 Window

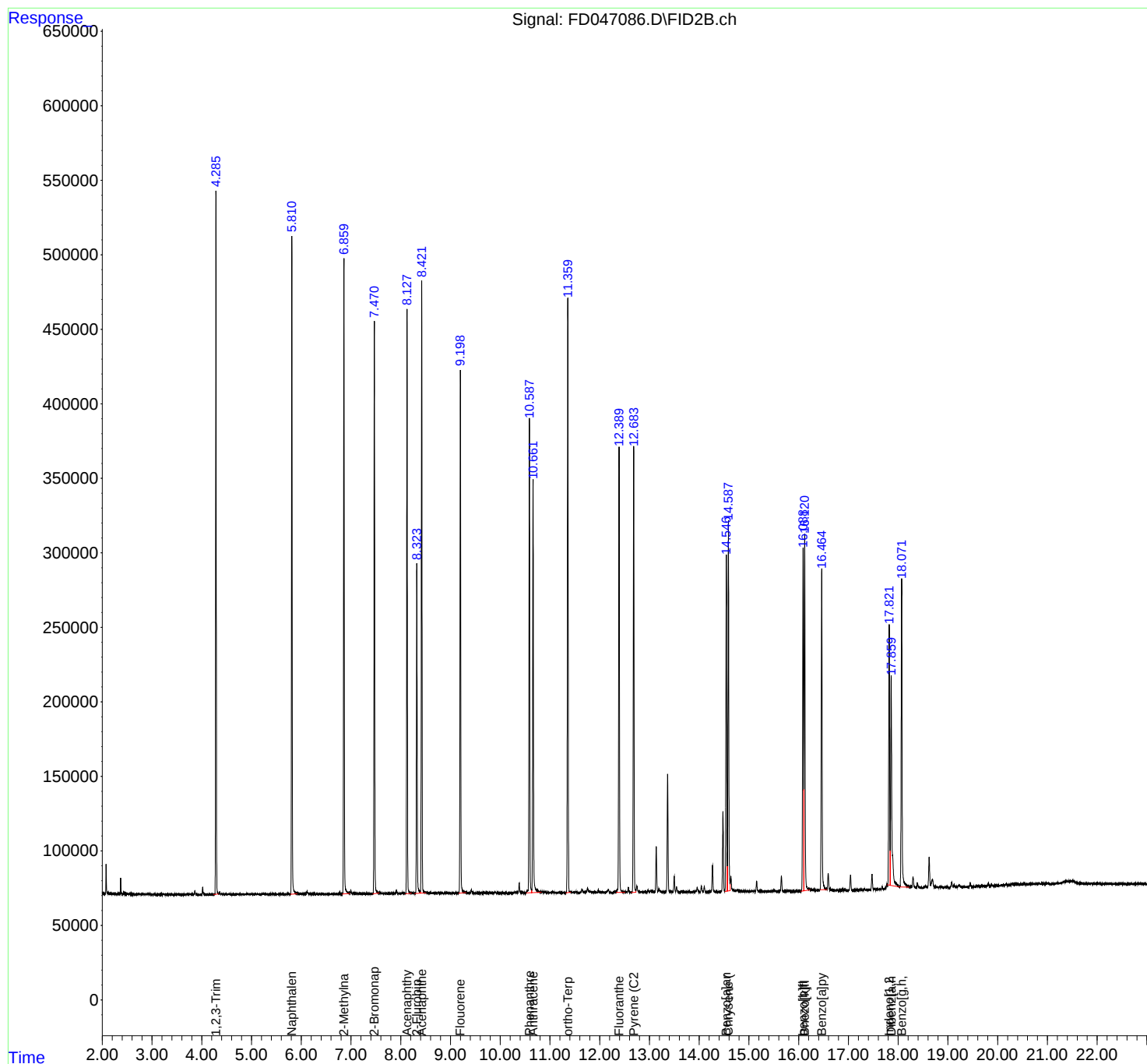
(m)=manual int.

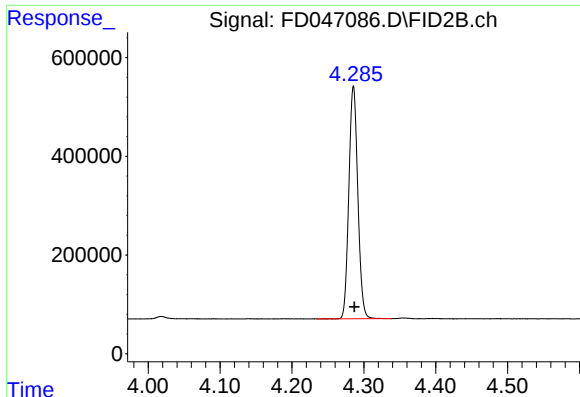
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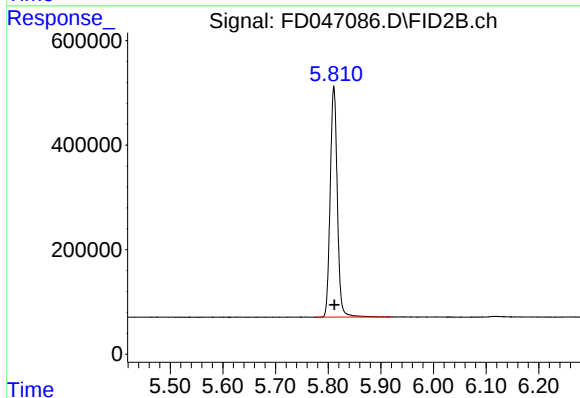




#1 1,2,3-Trimethylbenzene (C10.1)

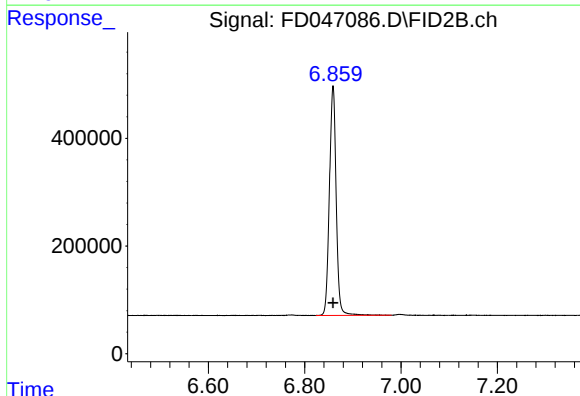
R.T.: 4.286 min
Delta R.T.: -0.001 min
Response: 4079712
Conc: 22.61 ug/ml

Instrument :
FID_D
ClientSampleId :



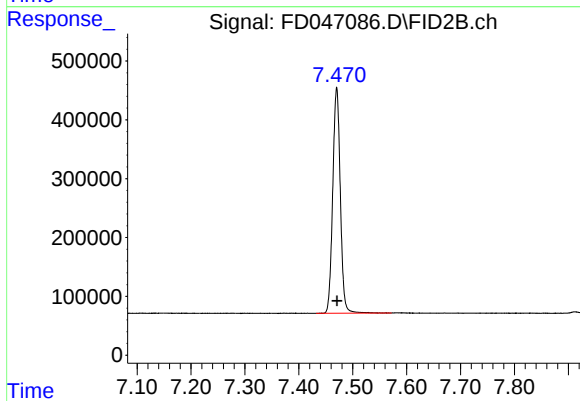
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 4150305
Conc: 22.55 ug/ml



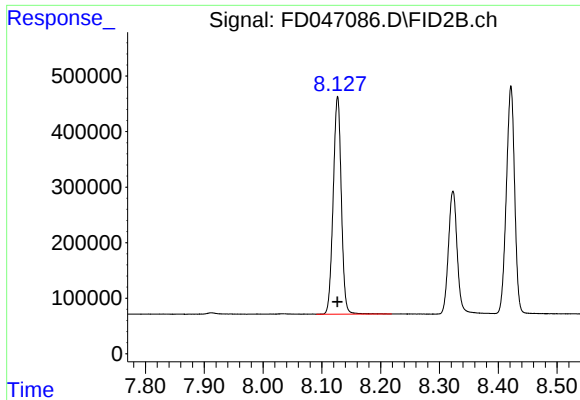
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 4118458
Conc: 22.44 ug/ml



#4 2-Bromonaphthalene (SURR)

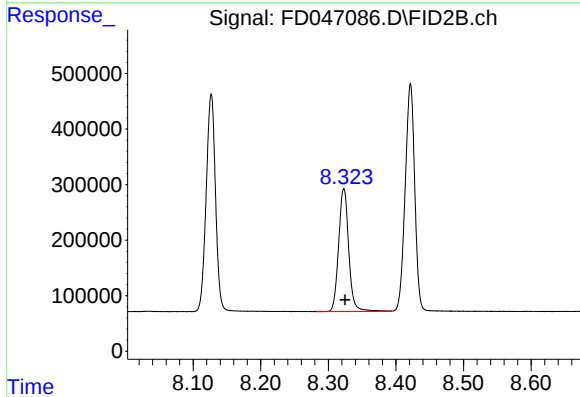
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 3742676
Conc: 22.58 ug/ml



#5 Acenaphthylene (C15.06)

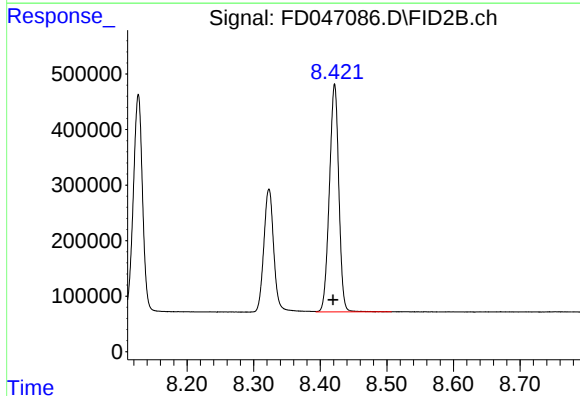
R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 3763899
Conc: 22.44 ug/ml

Instrument :
FID_D
ClientSampleId :



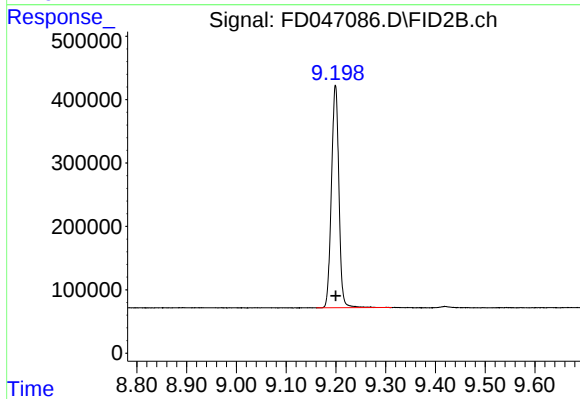
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.002 min
Response: 2307781
Conc: 22.15 ug/ml



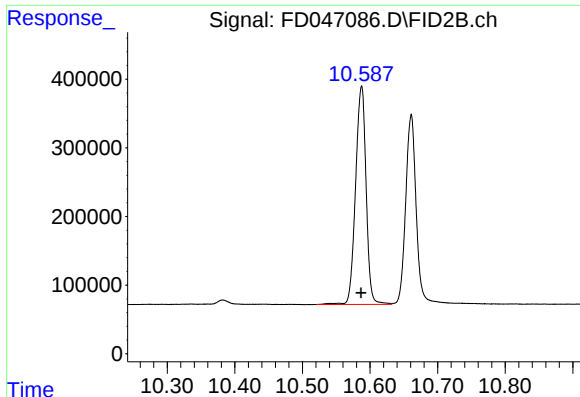
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.002 min
Response: 4040555
Conc: 22.47 ug/ml



#8 Fluorene (C16.55)

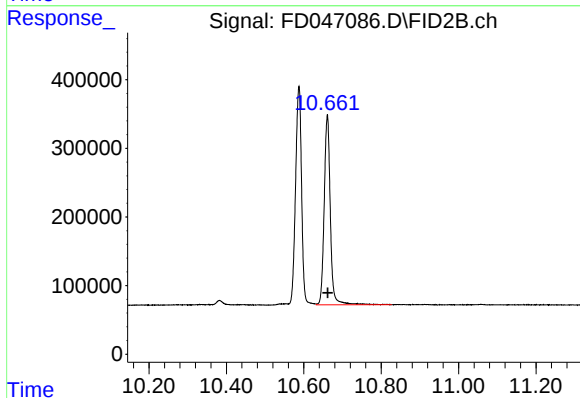
R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 3668209
Conc: 22.13 ug/ml



#9 Phenanthrene (C19.36)

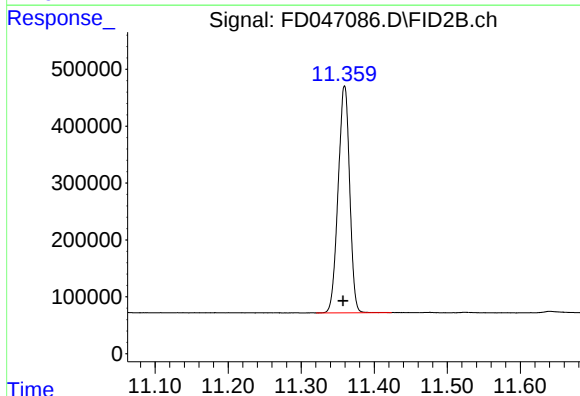
R.T.: 10.587 min
Delta R.T.: 0.000 min
Response: 3448613
Conc: 22.11 ug/ml

Instrument :
FID_D
ClientSampleId :



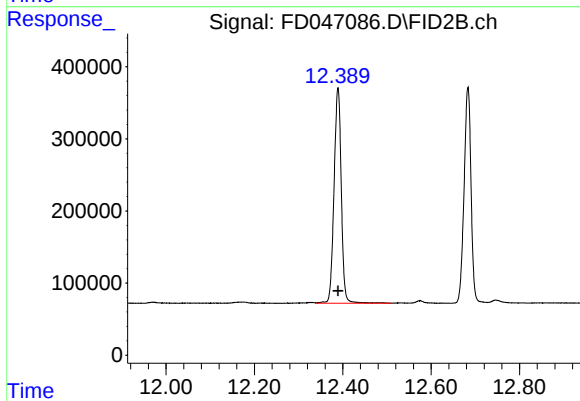
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: -0.001 min
Response: 3045833
Conc: 21.03 ug/ml



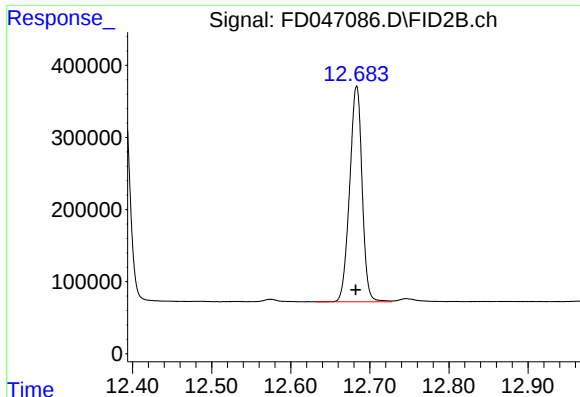
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.002 min
Response: 4369215
Conc: 22.63 ug/ml



#12 Fluoranthene (C21.85)

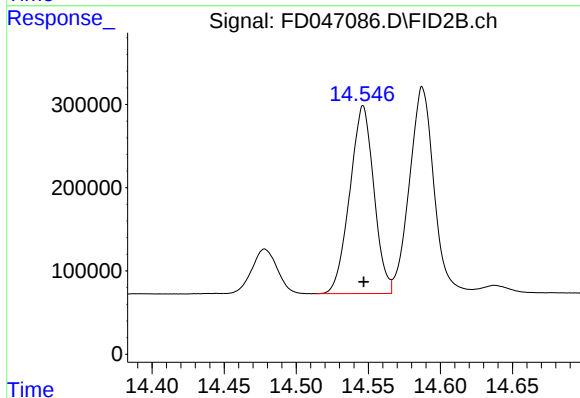
R.T.: 12.389 min
Delta R.T.: 0.000 min
Response: 3393057
Conc: 22.42 ug/ml



#13 Pyrene (C20.8)

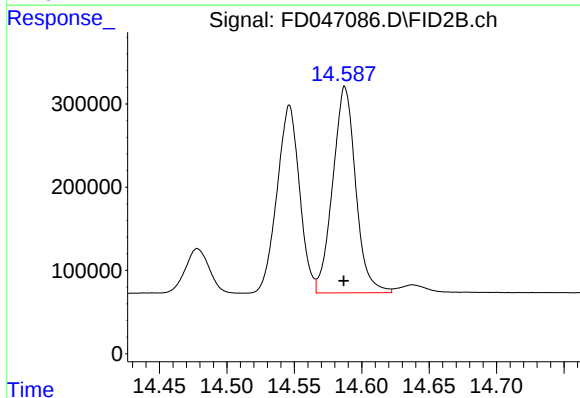
R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 3275931
Conc: 22.34 ug/ml

Instrument :
FID_D
ClientSampleId :



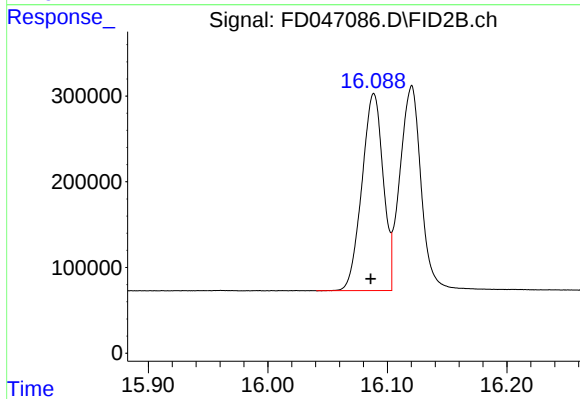
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.000 min
Response: 2620649
Conc: 21.30 ug/ml



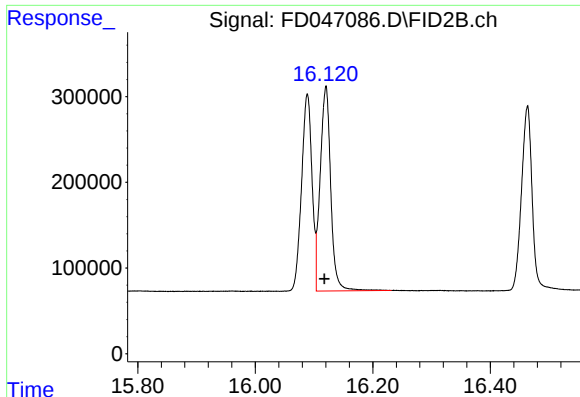
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 2933617
Conc: 20.90 ug/ml



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

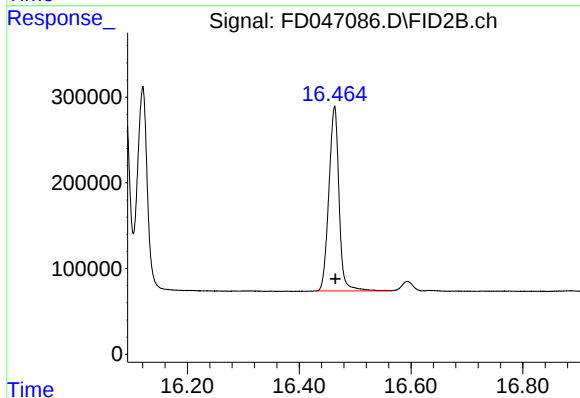
R.T.: 16.089 min
Delta R.T.: 0.003 min
Response: 2838045
Conc: 22.03 ug/ml



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

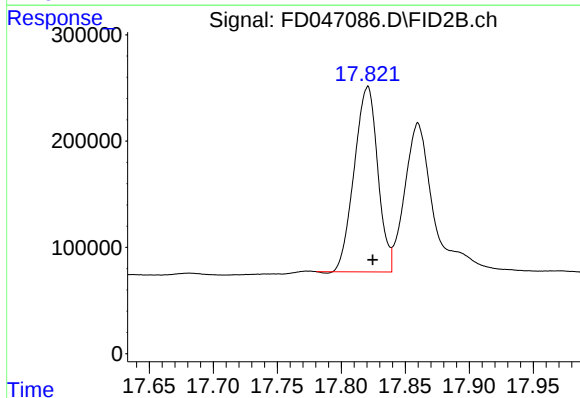
R.T.: 16.120 min
Delta R.T.: 0.002 min
Response: 2974927
Conc: 22.37 ug/ml

Instrument :
FID_D
ClientSampleId :



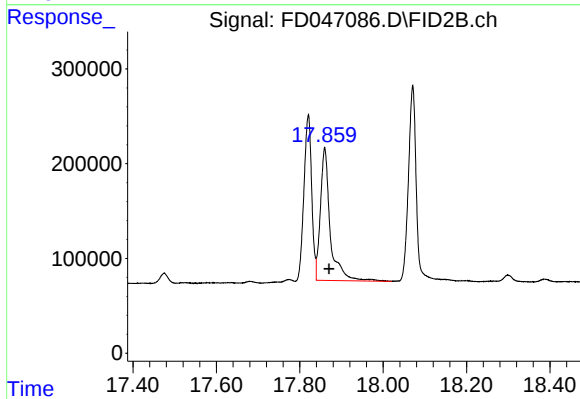
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: -0.002 min
Response: 2723376
Conc: 21.43 ug/ml



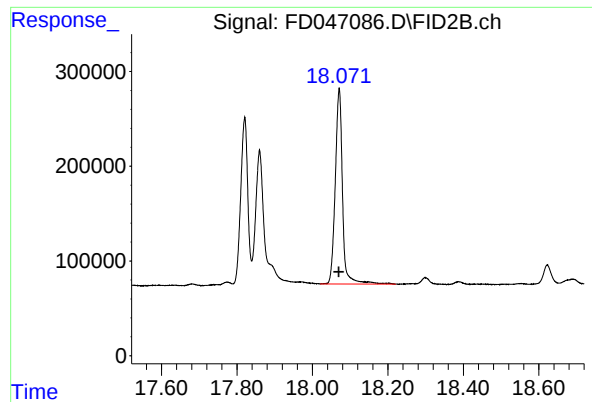
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: -0.004 min
Response: 2226535
Conc: 20.08 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.010 min
Response: 2311557
Conc: 18.09 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.001 min
Response: 2748165
Conc: 21.45 ug/ml

Instrument :

FID_D

ClientSampleId :