

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123024AR\
 Data File : FF015217.D
 Signal(s) : FID2B.ch
 Acq On : 30 Dec 2024 18:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 00:40:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:12:04 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...	7.986	3522886	26.251 ug/ml
Spiked Amount 50.000		Recovery =	52.50%
6) S 2-Fluorobiphenyl (SURR)	8.858	2403820	26.250 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	52.50%
11) S ortho-Terphenyl (SURR)	11.919	3953672	26.246 ug/ml
Spiked Amount 50.000		Recovery =	52.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	3860451	26.370 ug/ml
2) T Naphthalene (C11.7)	6.267	3994781	26.386 ug/ml
3) T 2-Methylnaphthalene (...)	7.360	3899774	26.344 ug/ml
5) T Acenaphthylene (C15.06)	8.659	3995629	26.298 ug/ml
7) T Acenaphthene (C15.5)	8.958	3889832	26.466 ug/ml
8) T Flouorene (C16.55)	9.746	3939701	26.222 ug/ml
9) T Phenanthrene (C19.36)	11.150	3840564	26.156 ug/ml
10) T Anthracene (C19.43)	11.224	3768160	26.078 ug/ml
12) T Fluoranthene (C21.85)	12.968	3871160	26.302 ug/ml
13) T Pyrene (C20.8)	13.267	3867548	26.515 ug/ml
14) T Benzo[a]anthracene (C...	15.144	3668823	26.128 ug/ml
15) T Chrysene (C27.41)	15.186	3685637	26.255 ug/ml
16) T benzo[b]fluoranthene ...	16.700	3655977	26.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.733	3622106	26.319 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.080	3460816	26.416 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.448	3131467	25.763 ug/ml
20) T Dibenz[a,h]anthracene...	18.488	3371908	25.216 ug/ml
21) T Benzo[g,h,i]perylene ...	18.705	3412594	26.491 ug/ml

(f)=RT Delta > 1/2 Window

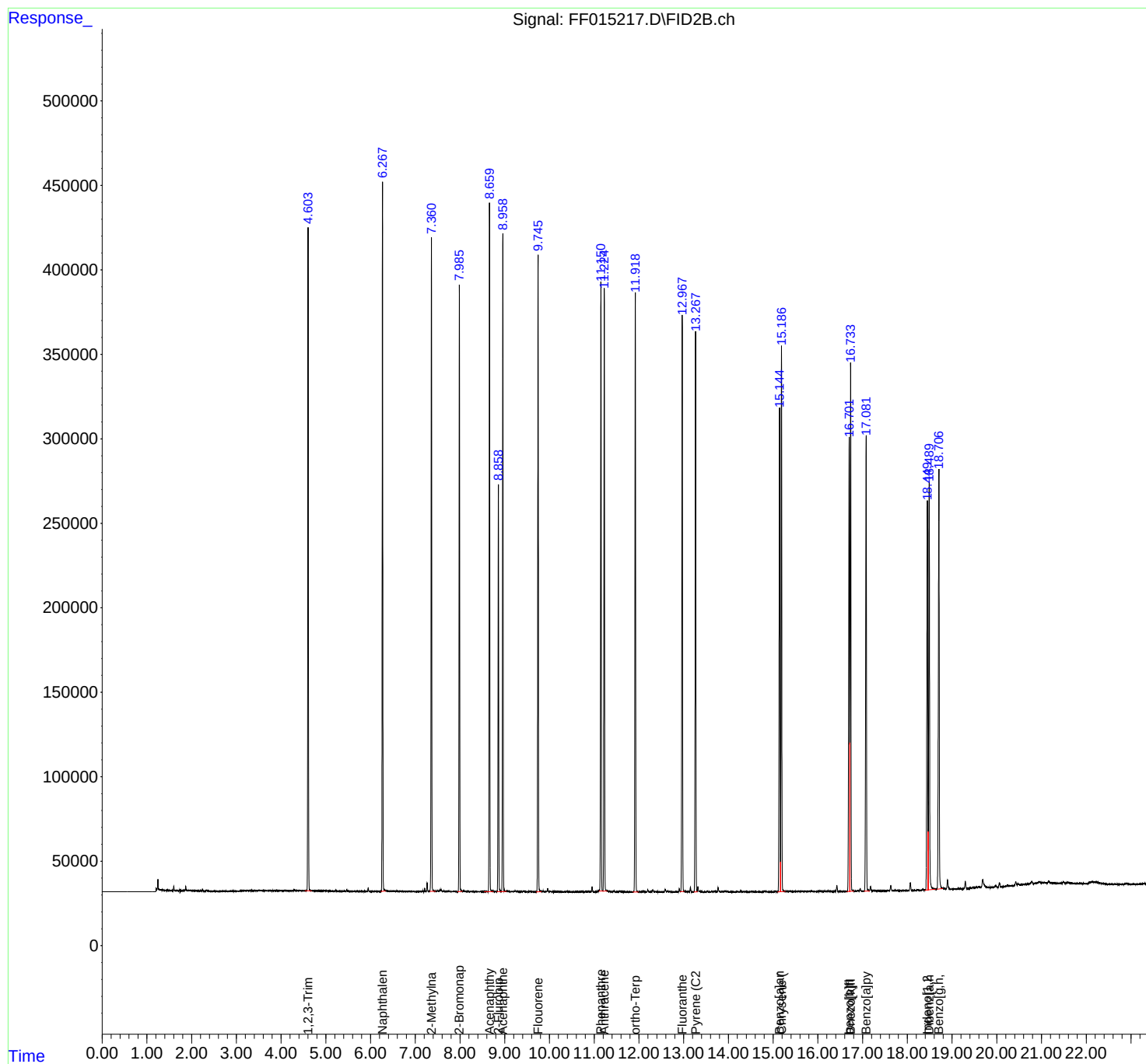
(m)=manual int.

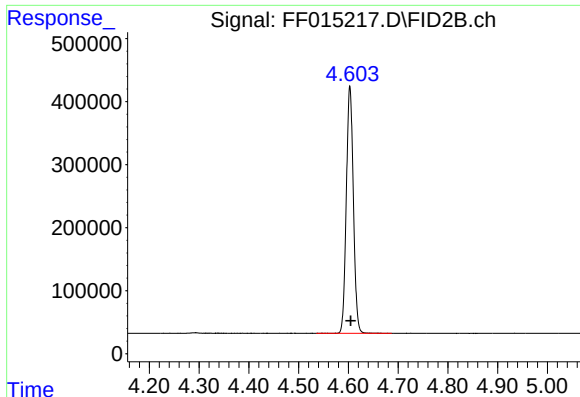
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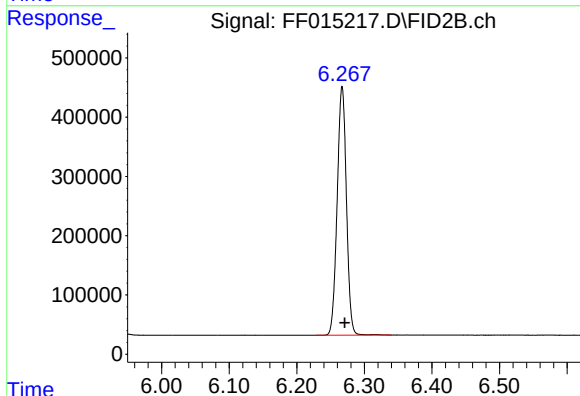




#1 1,2,3-Trimethylbenzene (C10.1)

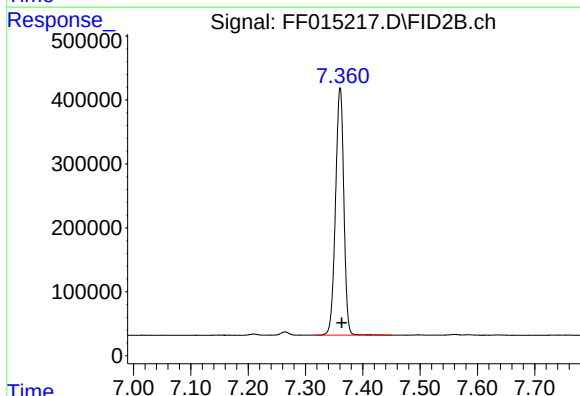
R.T.: 4.603 min
Delta R.T.: -0.002 min
Response: 3860451
Conc: 26.37 ug/ml

Instrument :
FID_F
ClientSampleId :



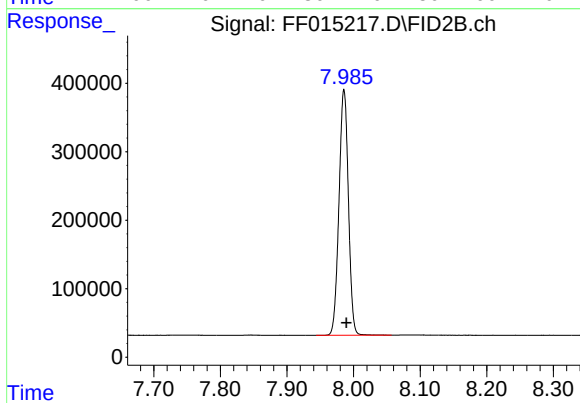
#2 Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.004 min
Response: 3994781
Conc: 26.39 ug/ml



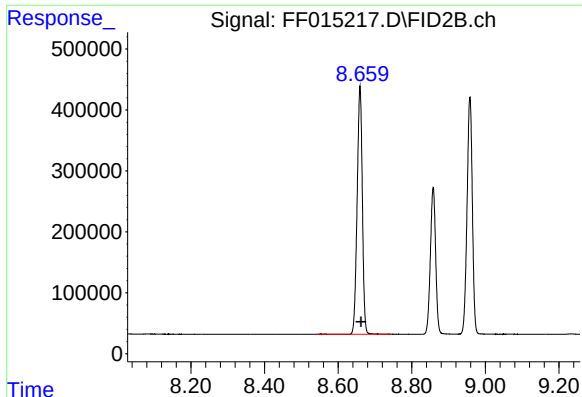
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.360 min
Delta R.T.: -0.003 min
Response: 3899774
Conc: 26.34 ug/ml



#4 2-Bromonaphthalene (SURR)

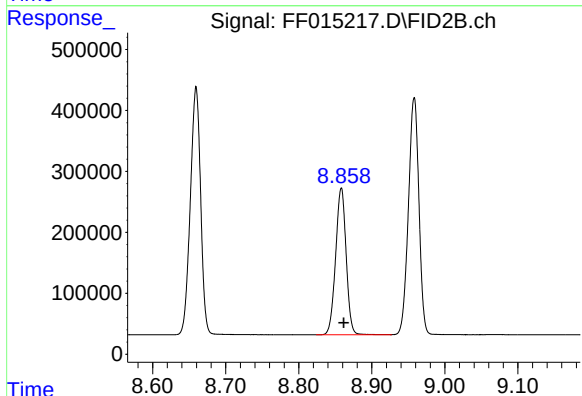
R.T.: 7.986 min
Delta R.T.: -0.004 min
Response: 3522886
Conc: 26.25 ug/ml



#5 Acenaphthylene (C15.06)

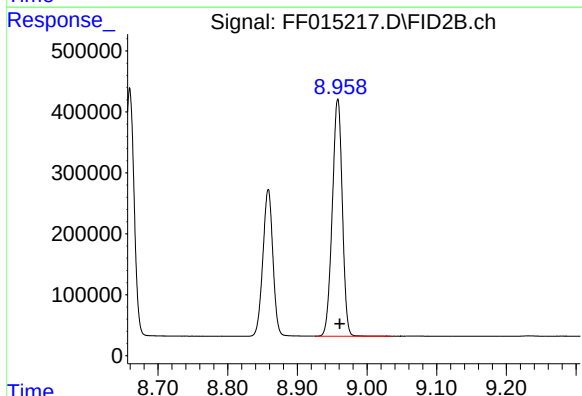
R.T.: 8.659 min
Delta R.T.: -0.003 min
Response: 3995629
Conc: 26.30 ug/ml

Instrument :
FID_F
ClientSampleId :



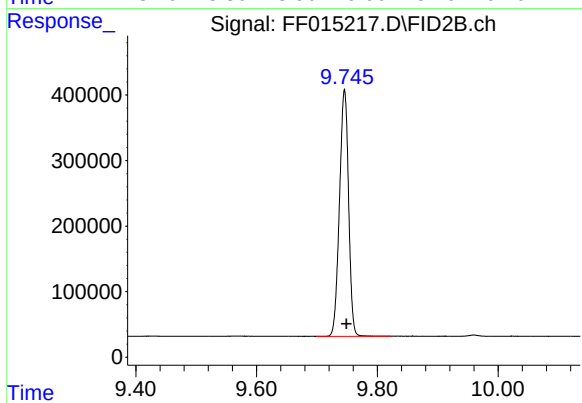
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.858 min
Delta R.T.: -0.004 min
Response: 2403820
Conc: 26.25 ug/ml



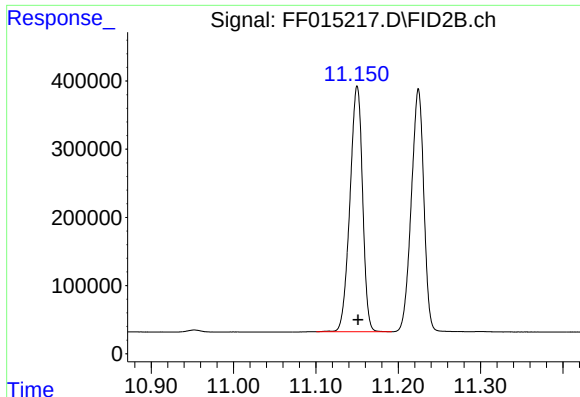
#7 Acenaphthene (C15.5)

R.T.: 8.958 min
Delta R.T.: -0.003 min
Response: 3889832
Conc: 26.47 ug/ml



#8 Fluorene (C16.55)

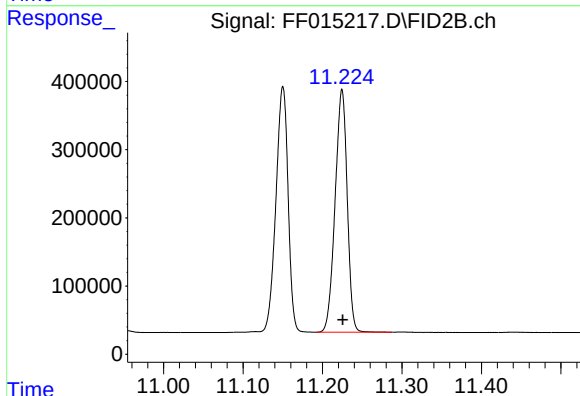
R.T.: 9.746 min
Delta R.T.: -0.003 min
Response: 3939701
Conc: 26.22 ug/ml



#9 Phenanthrene (C19.36)

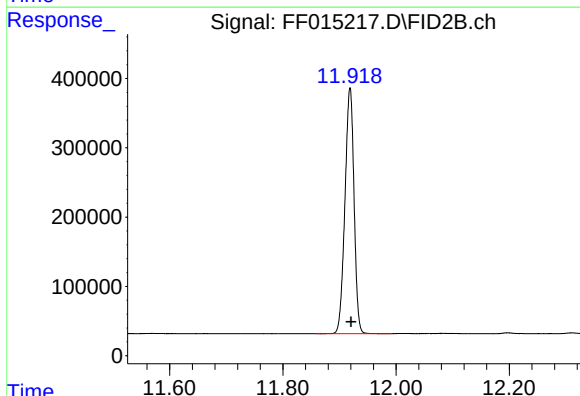
R.T.: 11.150 min
Delta R.T.: -0.001 min
Response: 3840564
Conc: 26.16 ug/ml

Instrument :
FID_F
ClientSampleId :



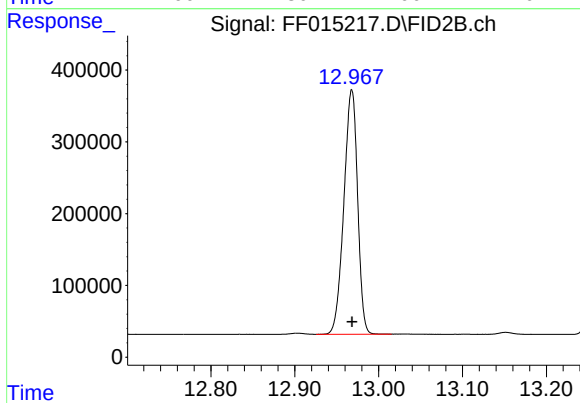
#10 Anthracene (C19.43)

R.T.: 11.224 min
Delta R.T.: -0.001 min
Response: 3768160
Conc: 26.08 ug/ml



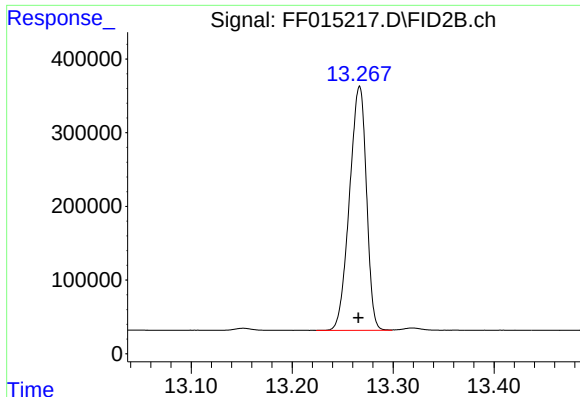
#11 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.002 min
Response: 3953672
Conc: 26.25 ug/ml



#12 Fluoranthene (C21.85)

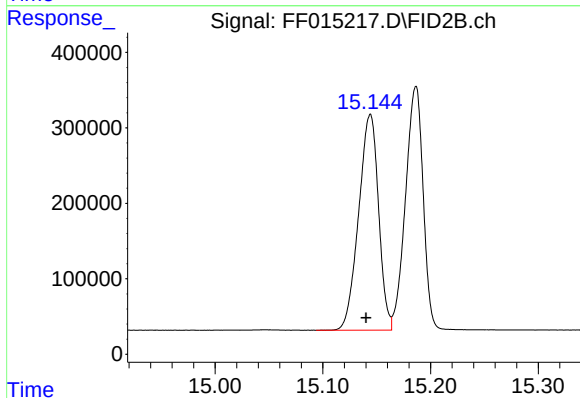
R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 3871160
Conc: 26.30 ug/ml



#13 Pyrene (C20.8)

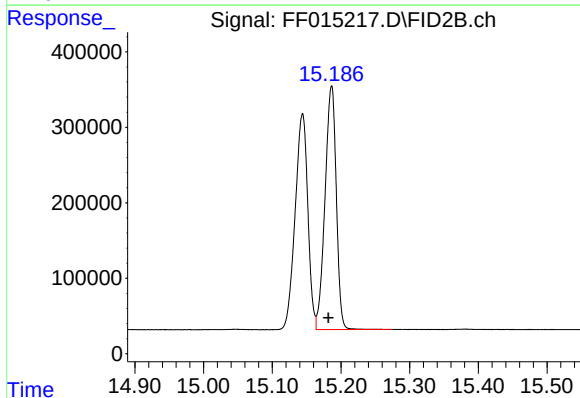
R.T.: 13.267 min
Delta R.T.: 0.000 min
Response: 3867548
Conc: 26.51 ug/ml

Instrument :
FID_F
ClientSampleId :



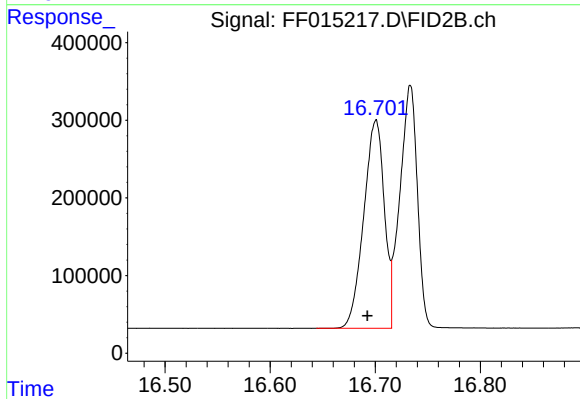
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.144 min
Delta R.T.: 0.004 min
Response: 3668823
Conc: 26.13 ug/ml



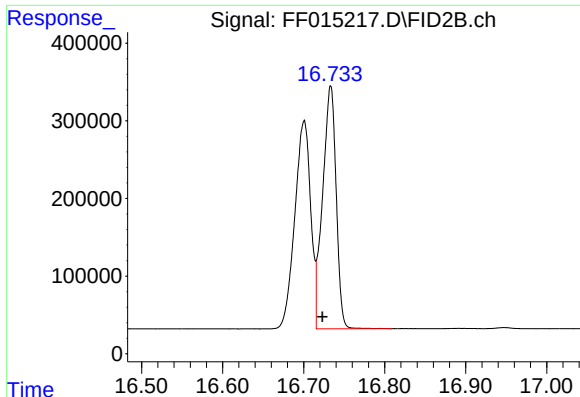
#15 Chrysene (C27.41)

R.T.: 15.186 min
Delta R.T.: 0.005 min
Response: 3685637
Conc: 26.25 ug/ml



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

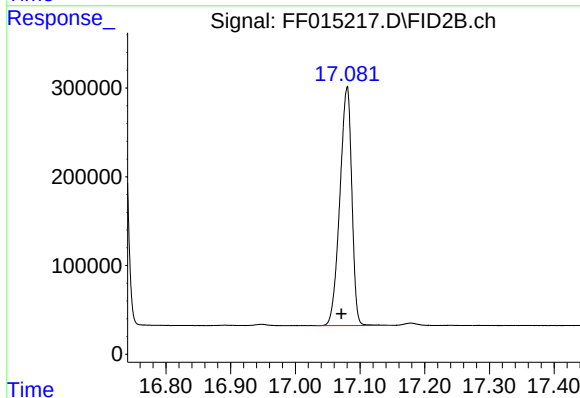
R.T.: 16.700 min
Delta R.T.: 0.008 min
Response: 3655977
Conc: 26.48 ug/ml



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

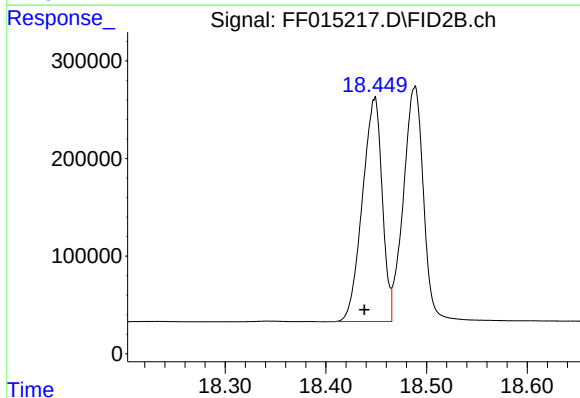
R.T.: 16.733 min
Delta R.T.: 0.010 min
Response: 3622106
Conc: 26.32 ug/ml

Instrument :
FID_F
ClientSampleId :



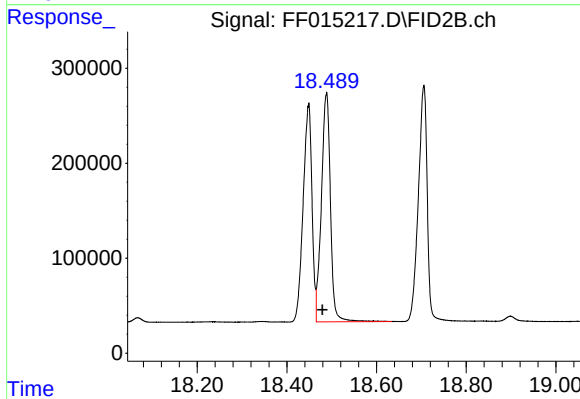
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.080 min
Delta R.T.: 0.008 min
Response: 3460816
Conc: 26.42 ug/ml



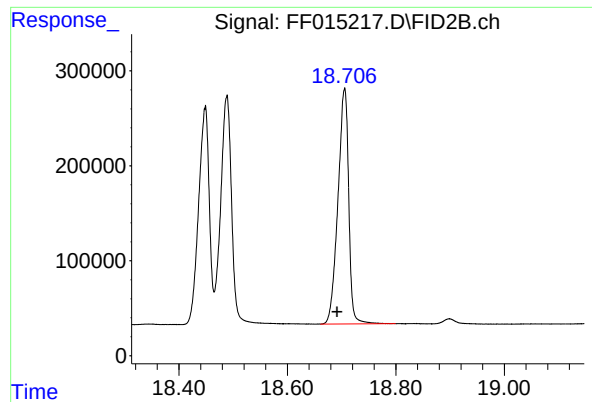
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.448 min
Delta R.T.: 0.010 min
Response: 3131467
Conc: 25.76 ug/ml



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

R.T.: 18.488 min
Delta R.T.: 0.009 min
Response: 3371908
Conc: 25.22 ug/ml



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

R.T.: 18.705 min
Delta R.T.: 0.014 min
Response: 3412594
Conc: 26.49 ug/ml

Instrument :

FID_F

ClientSampleId :