

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046042.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2023 13:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 05 01:24:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.518	4237980	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
6) S 2-Fluorobiphenyl (SURR)	8.373	2689606	19.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.87%
11) S ortho-Terphenyl (SURR)	11.412	4952856	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	5071684	20.359 ug/ml
2) T Naphthalene (C11.7)	5.857	5088085	19.944 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	4985342	19.776 ug/ml
5) T Acenaphthylene (C15.06)	8.177	4294003	19.770 ug/ml
7) T Acenaphthene (C15.5)	8.473	4631407	19.648 ug/ml
8) T Flouorene (C16.55)	9.252	4367557	19.303 ug/ml
9) T Phenanthrene (C19.36)	10.642	4081098	19.126 ug/ml
10) T Anthracene (C19.43)	10.715	3228360	20.318 ug/ml
12) T Fluoranthene (C21.85)	12.447	3892624	19.021 ug/ml
13) T Pyrene (C20.8)	12.741	3820996	19.652 ug/ml
14) T Benzo[a]anthracene (C...	14.606	3514299	19.541 ug/ml
15) T Chrysene (C27.41)	14.649	3739996	19.055 ug/ml
16) T benzo[b]fluoranthene ...	16.150	3832723	20.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	3743716	18.926 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	3657410	20.992 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	3625490	19.481 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	3587187	19.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	3757286	20.108 ug/ml

(f)=RT Delta > 1/2 Window

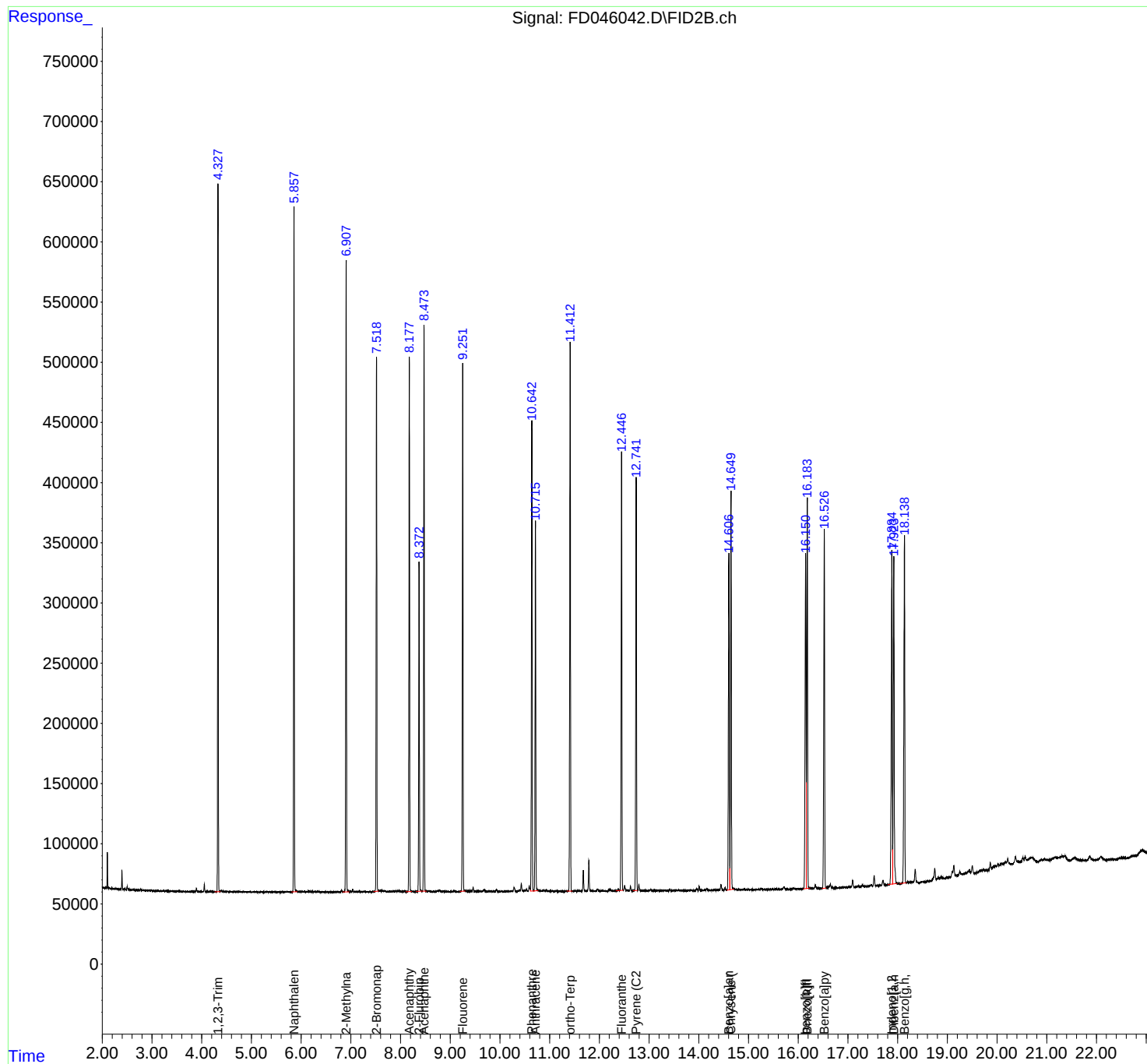
(m)=manual int.

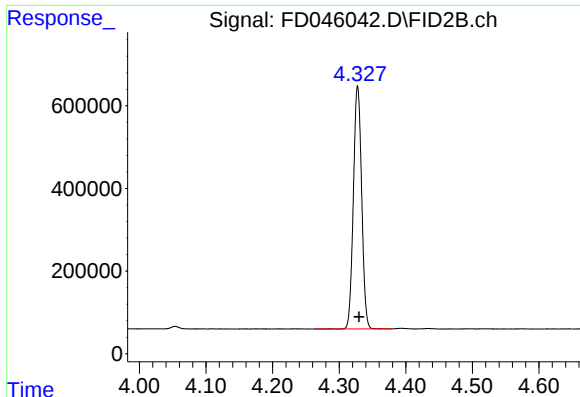
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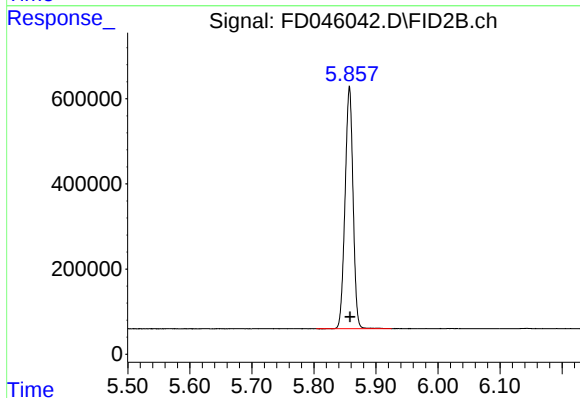




#1 1,2,3-Trimethylbenzene (C10.1)

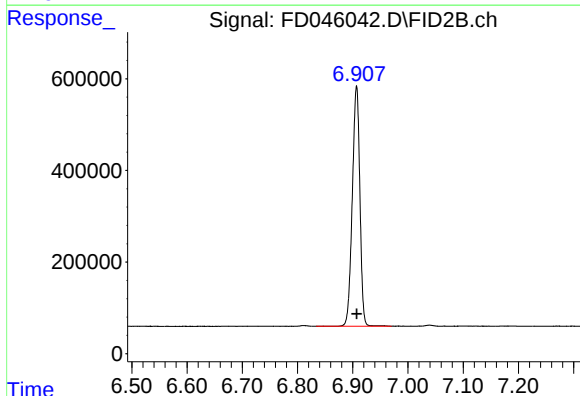
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 5071684
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :



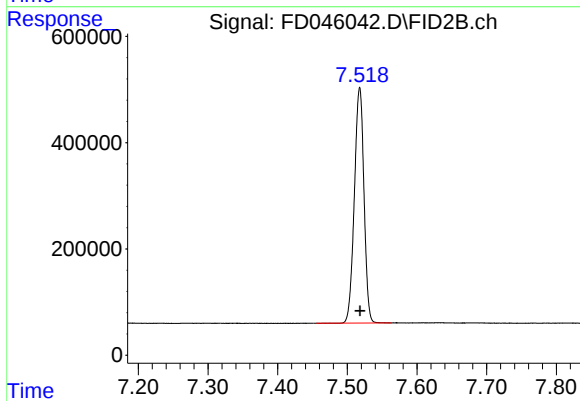
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 5088085
Conc: 19.94 ug/ml



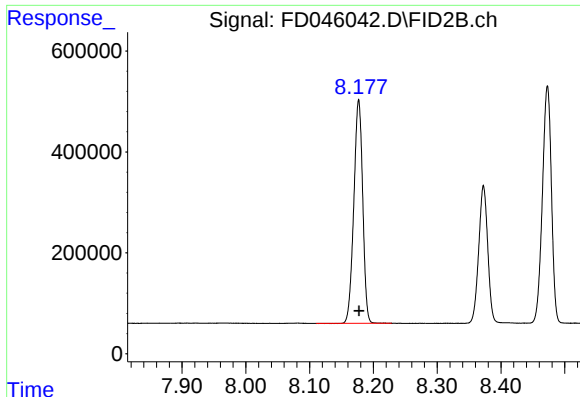
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 4985342
Conc: 19.78 ug/ml



#4 2-Bromonaphthalene (SURR)

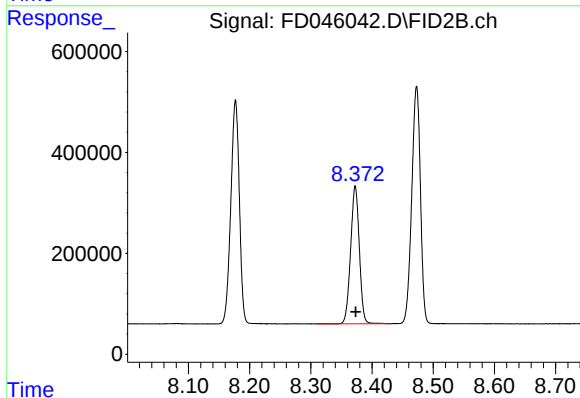
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4237980
Conc: 19.67 ug/ml



#5 Acenaphthylene (C15.06)

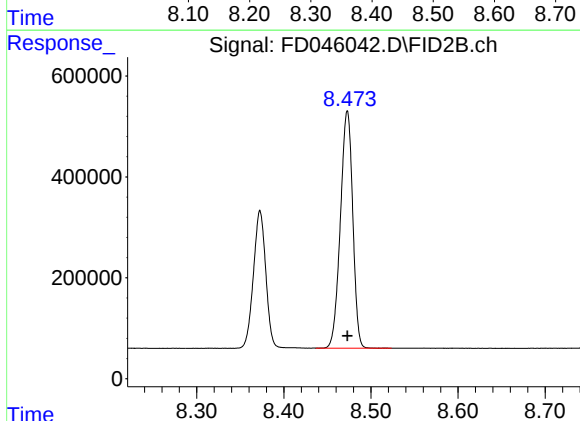
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 4294003
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :



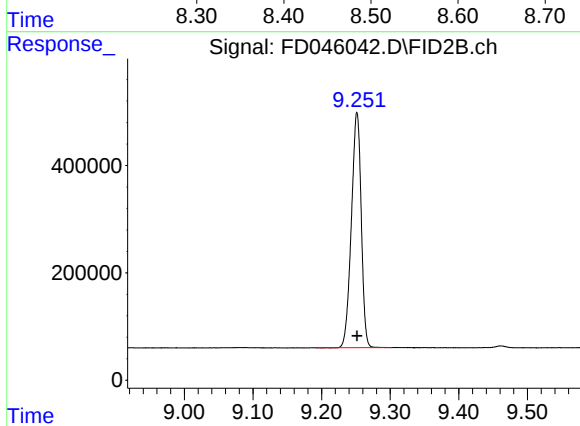
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 2689606
Conc: 19.43 ug/ml



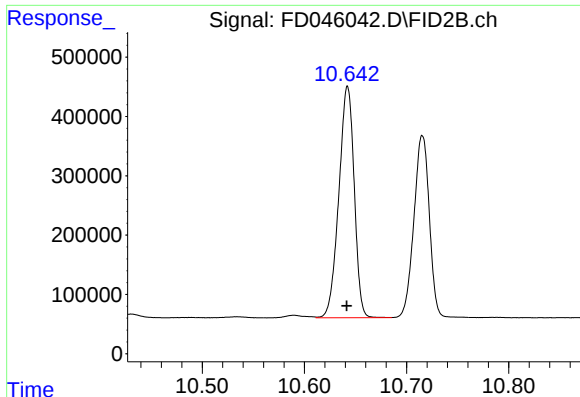
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 4631407
Conc: 19.65 ug/ml



#8 Flouorene (C16.55)

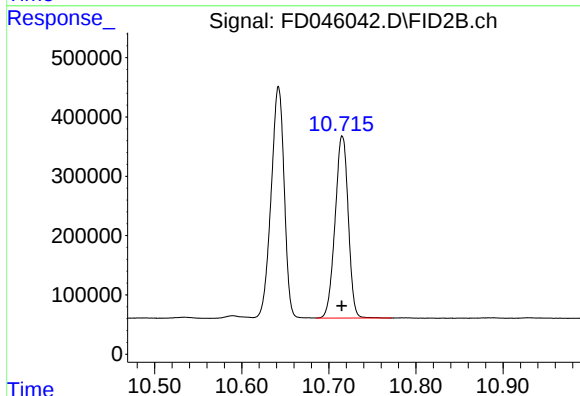
R.T.: 9.252 min
Delta R.T.: 0.000 min
Response: 4367557
Conc: 19.30 ug/ml



#9 Phenanthrene (C19.36)

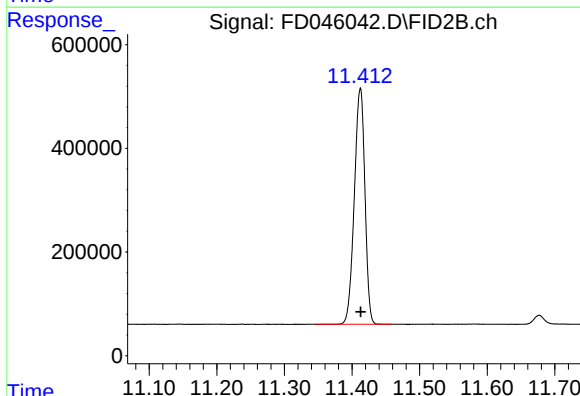
R.T.: 10.642 min
Delta R.T.: 0.000 min
Response: 4081098
Conc: 19.13 ug/ml

Instrument :
FID_D
ClientSampleId :



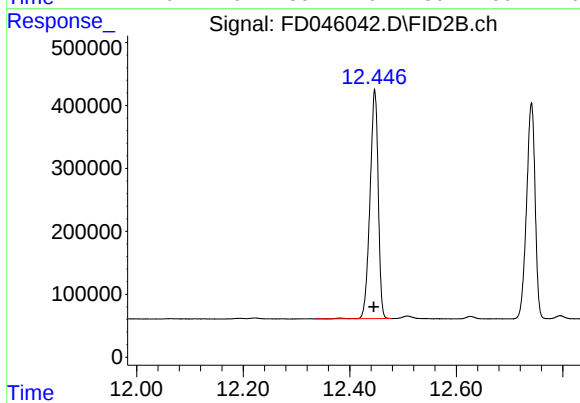
#10 Anthracene (C19.43)

R.T.: 10.715 min
Delta R.T.: 0.000 min
Response: 3228360
Conc: 20.32 ug/ml



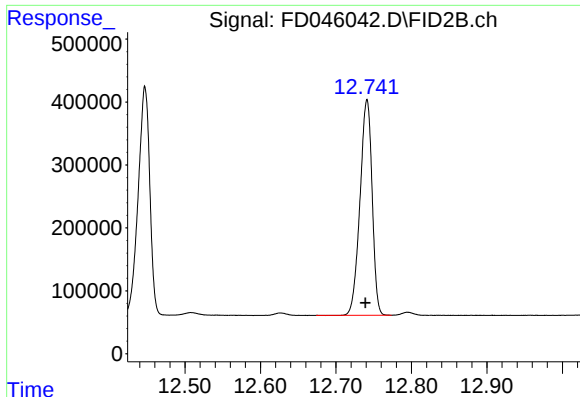
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 4952856
Conc: 19.54 ug/ml



#12 Fluoranthene (C21.85)

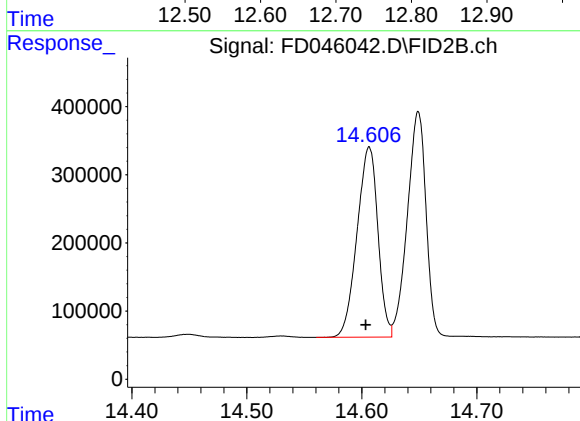
R.T.: 12.447 min
Delta R.T.: 0.002 min
Response: 3892624
Conc: 19.02 ug/ml



#13 Pyrene (C20.8)

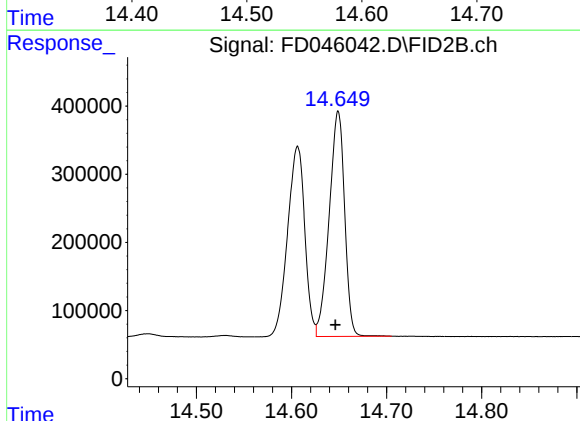
R.T.: 12.741 min
Delta R.T.: 0.002 min
Response: 3820996
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :



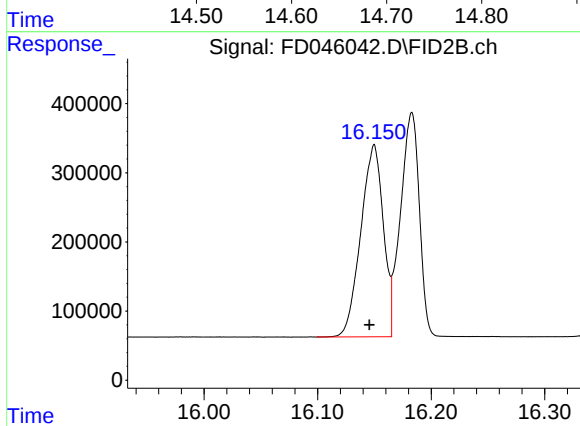
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.606 min
Delta R.T.: 0.003 min
Response: 3514299
Conc: 19.54 ug/ml



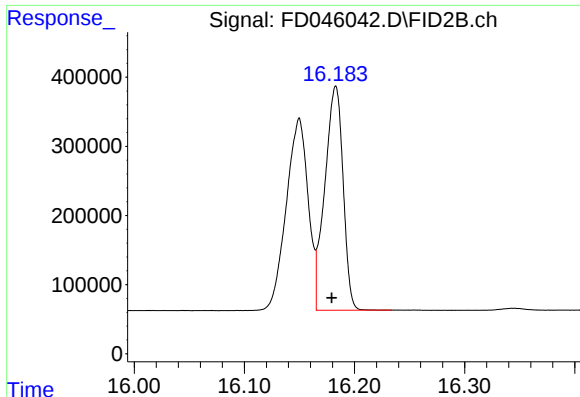
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: 0.003 min
Response: 3739996
Conc: 19.05 ug/ml



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

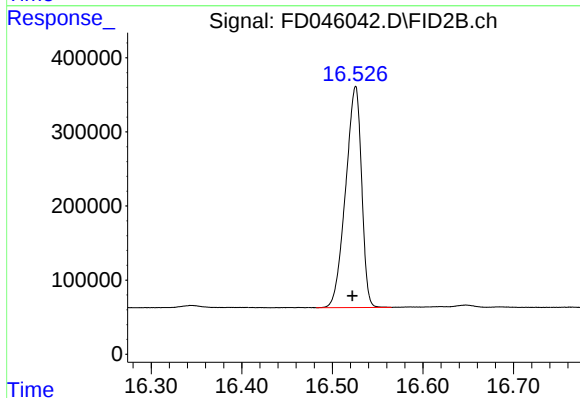
R.T.: 16.150 min
Delta R.T.: 0.004 min
Response: 3832723
Conc: 20.44 ug/ml



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

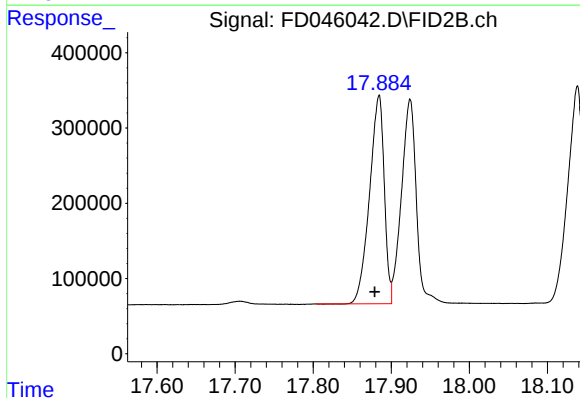
R.T.: 16.183 min
Delta R.T.: 0.003 min
Response: 3743716
Conc: 18.93 ug/ml

Instrument :
FID_D
ClientSampleId :



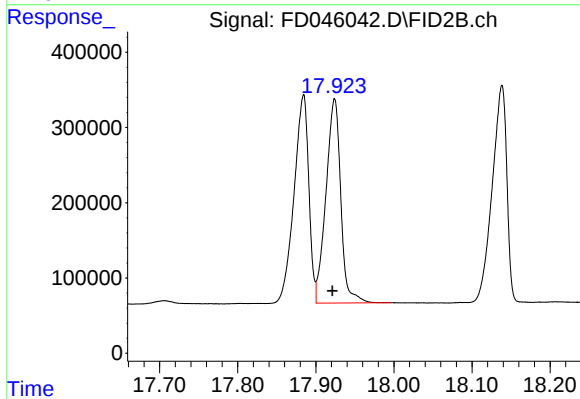
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: 0.003 min
Response: 3657410
Conc: 20.99 ug/ml



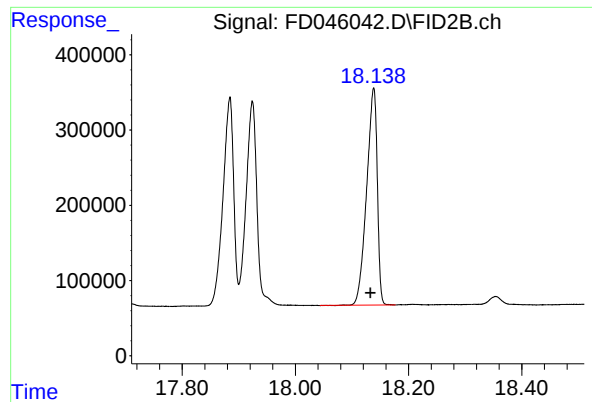
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: 0.005 min
Response: 3625490
Conc: 19.48 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 3587187
Conc: 19.51 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.005 min
Response: 3757286
Conc: 20.11 ug/ml

Instrument :

FID_D

ClientSampleId :