

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045426.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 02:31
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 07:15:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.547	2935224	21.424 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
6) S 2-Fluorobiphenyl (SURR)	8.402	1917454	21.389 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.78%
11) S ortho-Terphenyl (SURR)	11.442	3697274	21.251 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3324434	21.340 ug/ml
2) T Naphthalene (C11.7)	5.887	3429097	21.337 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	3423703	21.387 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3078572	21.026 ug/ml
7) T Acenaphthene (C15.5)	8.502	3309998	21.340 ug/ml
8) T Flouorene (C16.55)	9.280	3183228	21.466 ug/ml
9) T Phenanthrene (C19.36)	10.670	3114160	21.498 ug/ml
10) T Anthracene (C19.43)	10.744	2681536	19.400 ug/ml
12) T Fluoranthene (C21.85)	12.475	3086344	21.452 ug/ml
13) T Pyrene (C20.8)	12.770	2979881	21.194 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2730074	21.288 ug/ml
15) T Chrysene (C27.41)	14.676	2867696	21.626 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2770482	21.327 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	2835630	22.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2630570	20.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	2469141	20.862 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	2663538	22.357 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	2560239	20.497 ug/ml

(f)=RT Delta > 1/2 Window

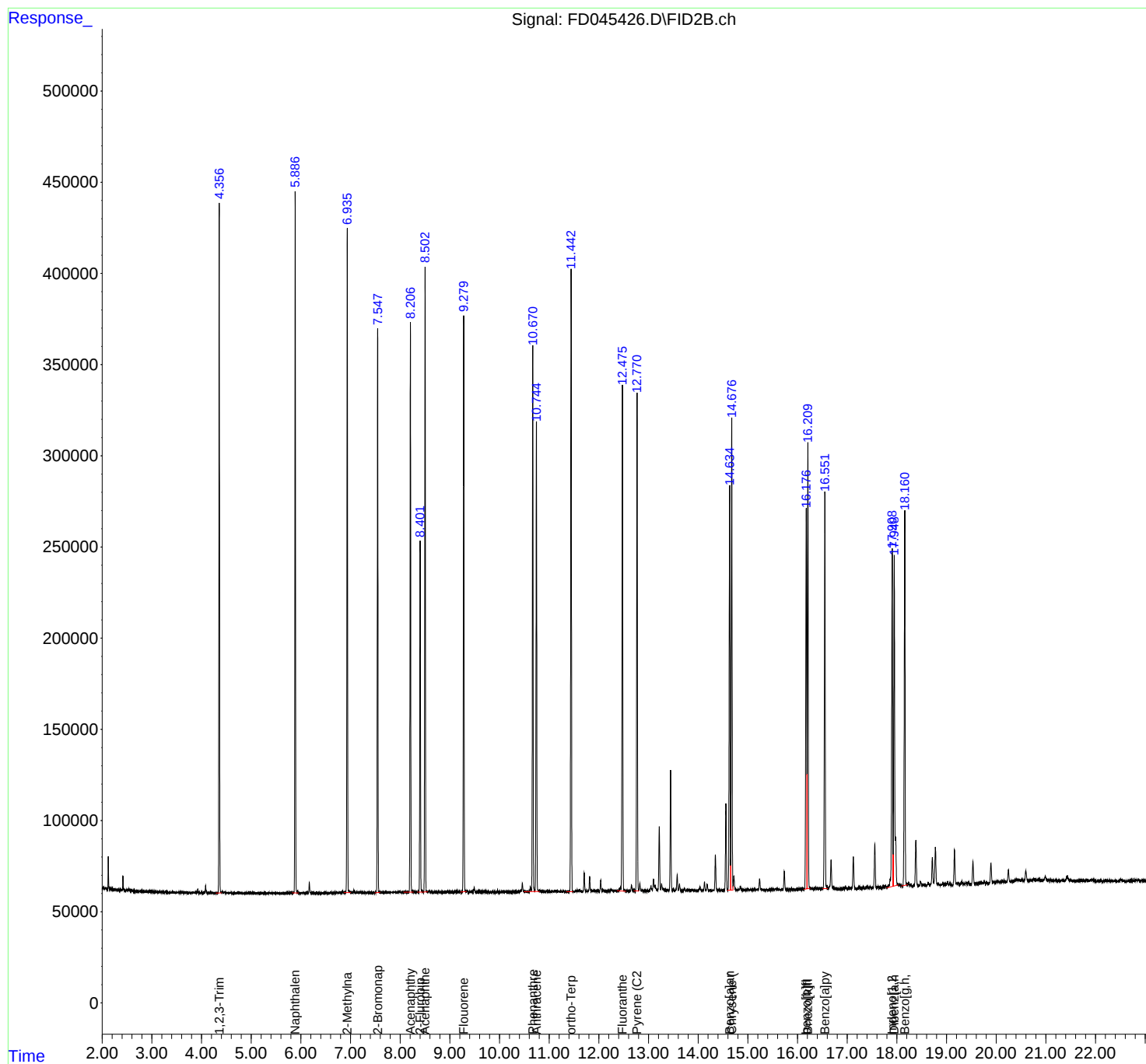
(m)=manual int.

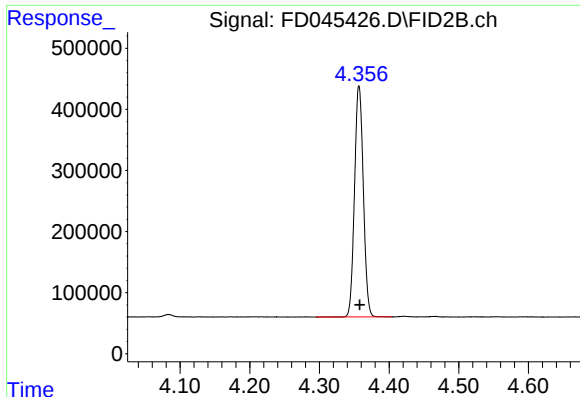
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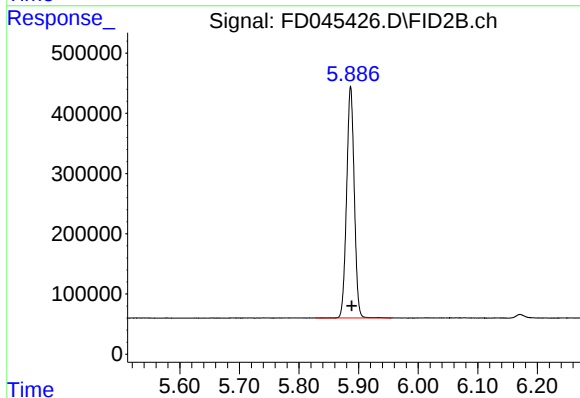




#1 1,2,3-Trimethylbenzene (C10.1)

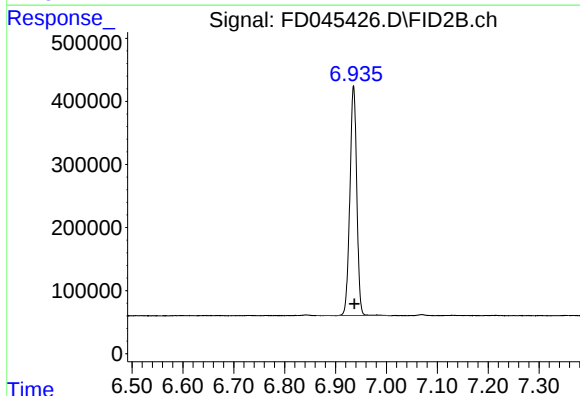
R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 3324434
Conc: 21.34 ug/ml

Instrument :
FID_D
ClientSampleId :



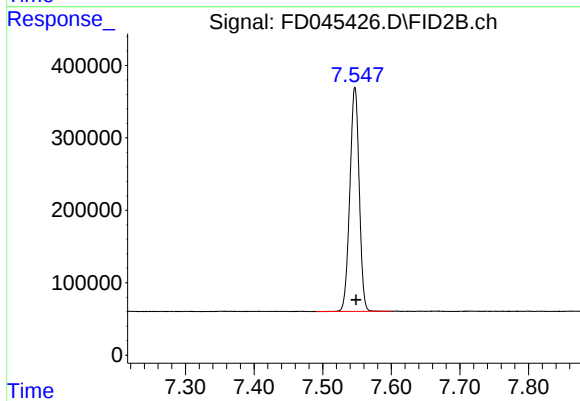
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 3429097
Conc: 21.34 ug/ml



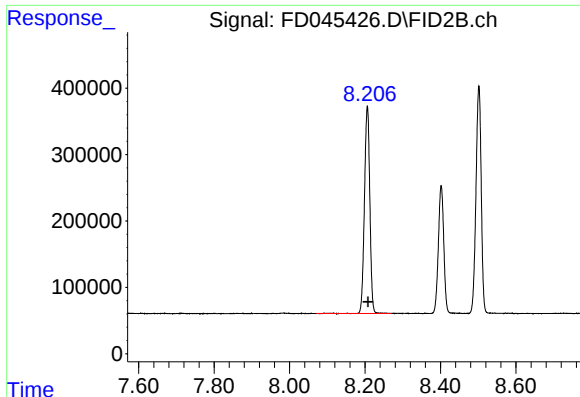
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 3423703
Conc: 21.39 ug/ml



#4 2-Bromonaphthalene (SURR)

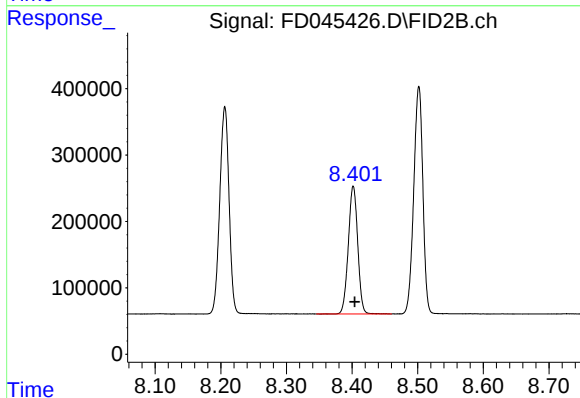
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 2935224
Conc: 21.42 ug/ml



#5 Acenaphthylene (C15.06)

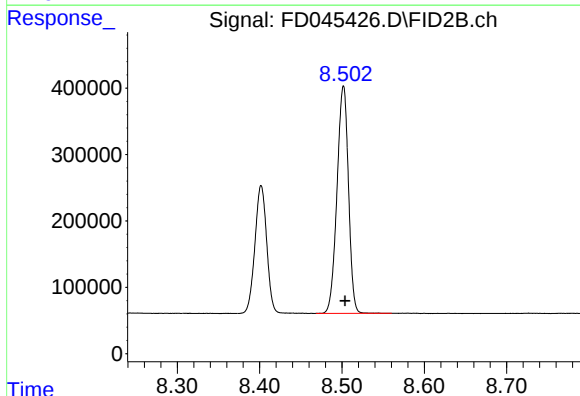
R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 3078572
Conc: 21.03 ug/ml

Instrument :
FID_D
ClientSampleId :



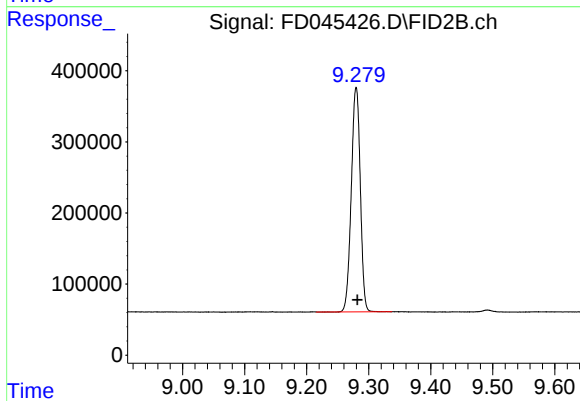
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 1917454
Conc: 21.39 ug/ml



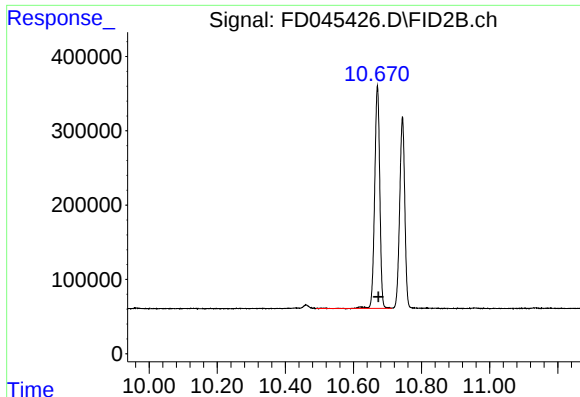
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 3309998
Conc: 21.34 ug/ml



#8 Fluorene (C16.55)

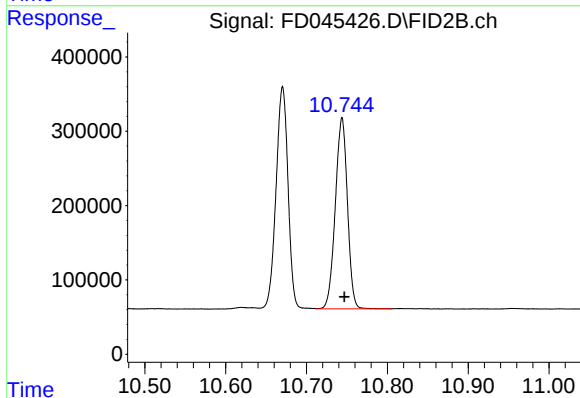
R.T.: 9.280 min
Delta R.T.: -0.002 min
Response: 3183228
Conc: 21.47 ug/ml



#9 Phenanthrene (C19.36)

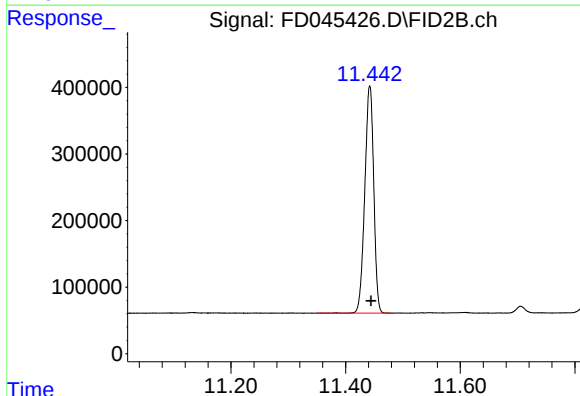
R.T.: 10.670 min
Delta R.T.: -0.003 min
Response: 3114160
Conc: 21.50 ug/ml

Instrument :
FID_D
ClientSampleId :



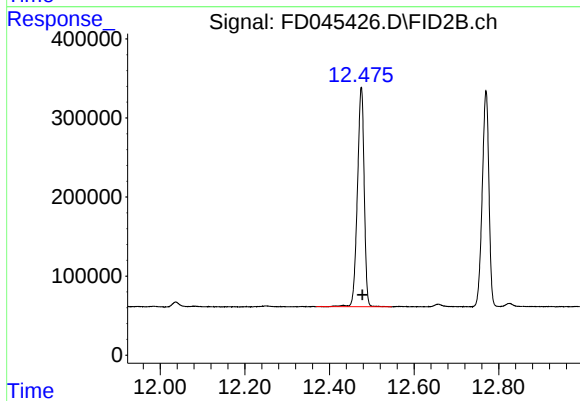
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: -0.003 min
Response: 2681536
Conc: 19.40 ug/ml



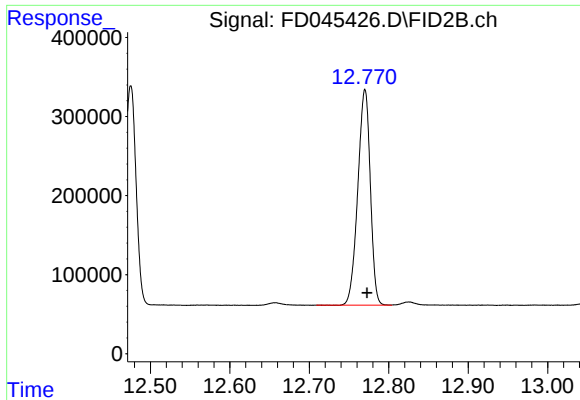
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.002 min
Response: 3697274
Conc: 21.25 ug/ml



#12 Fluoranthene (C21.85)

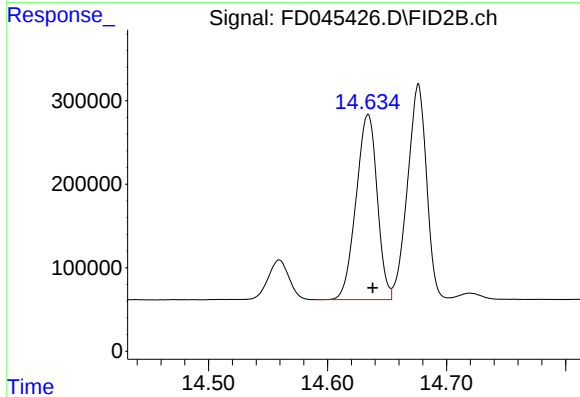
R.T.: 12.475 min
Delta R.T.: -0.003 min
Response: 3086344
Conc: 21.45 ug/ml



#13 Pyrene (C20.8)

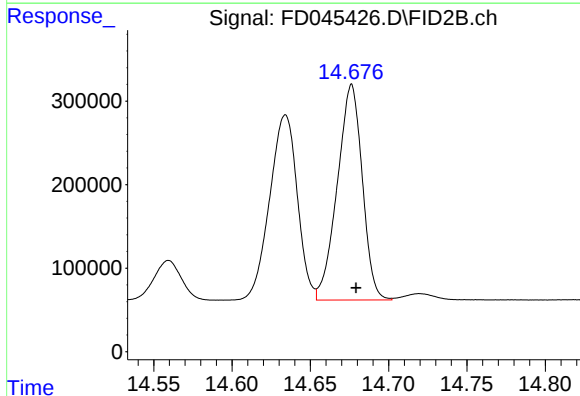
R.T.: 12.770 min
Delta R.T.: -0.003 min
Response: 2979881
Conc: 21.19 ug/ml

Instrument :
FID_D
ClientSampleId :



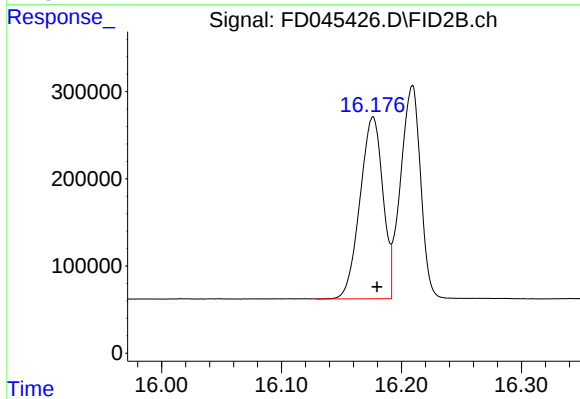
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 2730074
Conc: 21.29 ug/ml



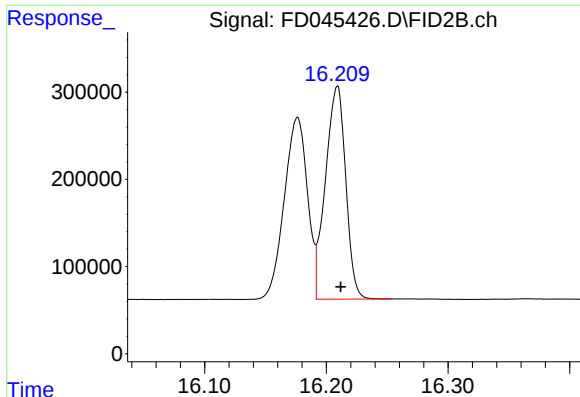
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: -0.003 min
Response: 2867696
Conc: 21.63 ug/ml



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

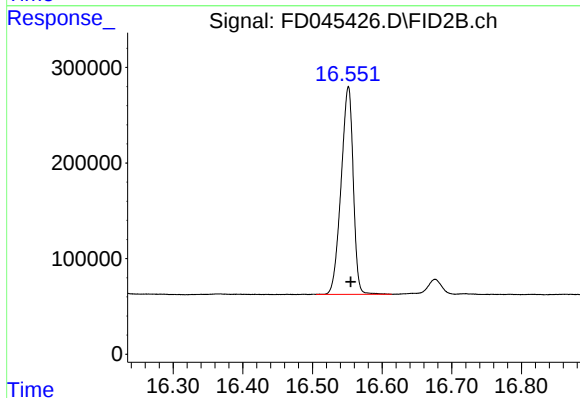
R.T.: 16.176 min
Delta R.T.: -0.003 min
Response: 2770482
Conc: 21.33 ug/ml



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

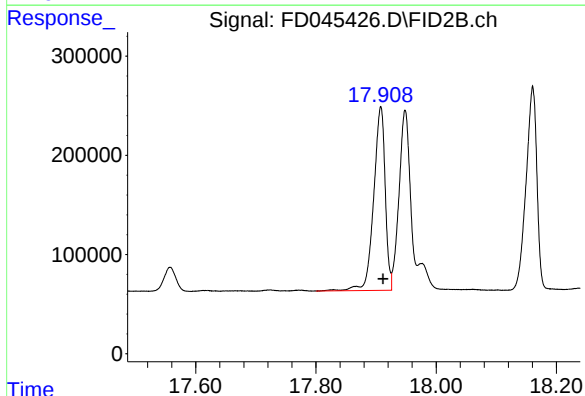
R.T.: 16.209 min
Delta R.T.: -0.003 min
Response: 2835630
Conc: 22.39 ug/ml

Instrument :
FID_D
ClientSampleId :



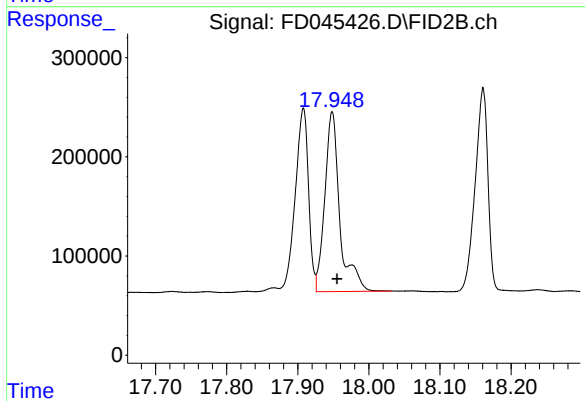
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: -0.004 min
Response: 2630570
Conc: 20.92 ug/ml



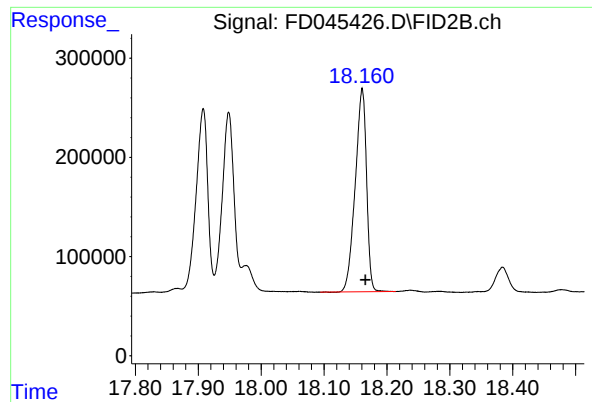
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: -0.004 min
Response: 2469141
Conc: 20.86 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.007 min
Response: 2663538
Conc: 22.36 ug/ml



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

R.T.: 18.160 min
Delta R.T.: -0.005 min
Response: 2560239
Conc: 20.50 ug/ml

Instrument :

FID_D

ClientSampleId :