

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062723AR\
 Data File : FD046022.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2023 08:10
 Operator : YP/AJ
 Sample : 03362-22DL 2X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 08:43:51 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	4015600	18.634 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
6) S 2-Fluorobiphenyl (SURR)	8.373	2578244	18.629 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.26%
11) S ortho-Terphenyl (SURR)	11.412	3461737	13.655 ug/ml
Spiked Amount 50.000		Recovery =	27.31%
Target Compounds			
2) T Naphthalene (C11.7)	5.856	138720	0.544 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	111421	0.442 ug/ml
5) T Acenaphthylene (C15.06)	8.175	438037	2.017 ug/ml
7) T Acenaphthene (C15.5)	8.470	666025	2.825 ug/ml
8) T Fluorene (C16.55)	9.248	603726	2.668 ug/ml
9) T Phenanthrene (C19.36)	10.645	7030726	32.950 ug/ml
10) T Anthracene (C19.43)	10.714	2103868	13.241 ug/ml
12) T Fluoranthene (C21.85)	12.458	13635450	66.627 ug/ml
13) T Pyrene (C20.8)	12.752	11567832	59.494 ug/ml
14) T Benzo[a]anthracene (C...	14.609	5286480	29.395 ug/ml
15) T Chrysene (C27.41)	14.652	5054108	25.750 ug/ml
16) T benzo[b]fluoranthene ...	16.156	5539796	29.537 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	1878813	9.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.529	4190123	24.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	2550647	13.705 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	652584	3.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	2057448	11.011 ug/ml

(f)=RT Delta > 1/2 Window

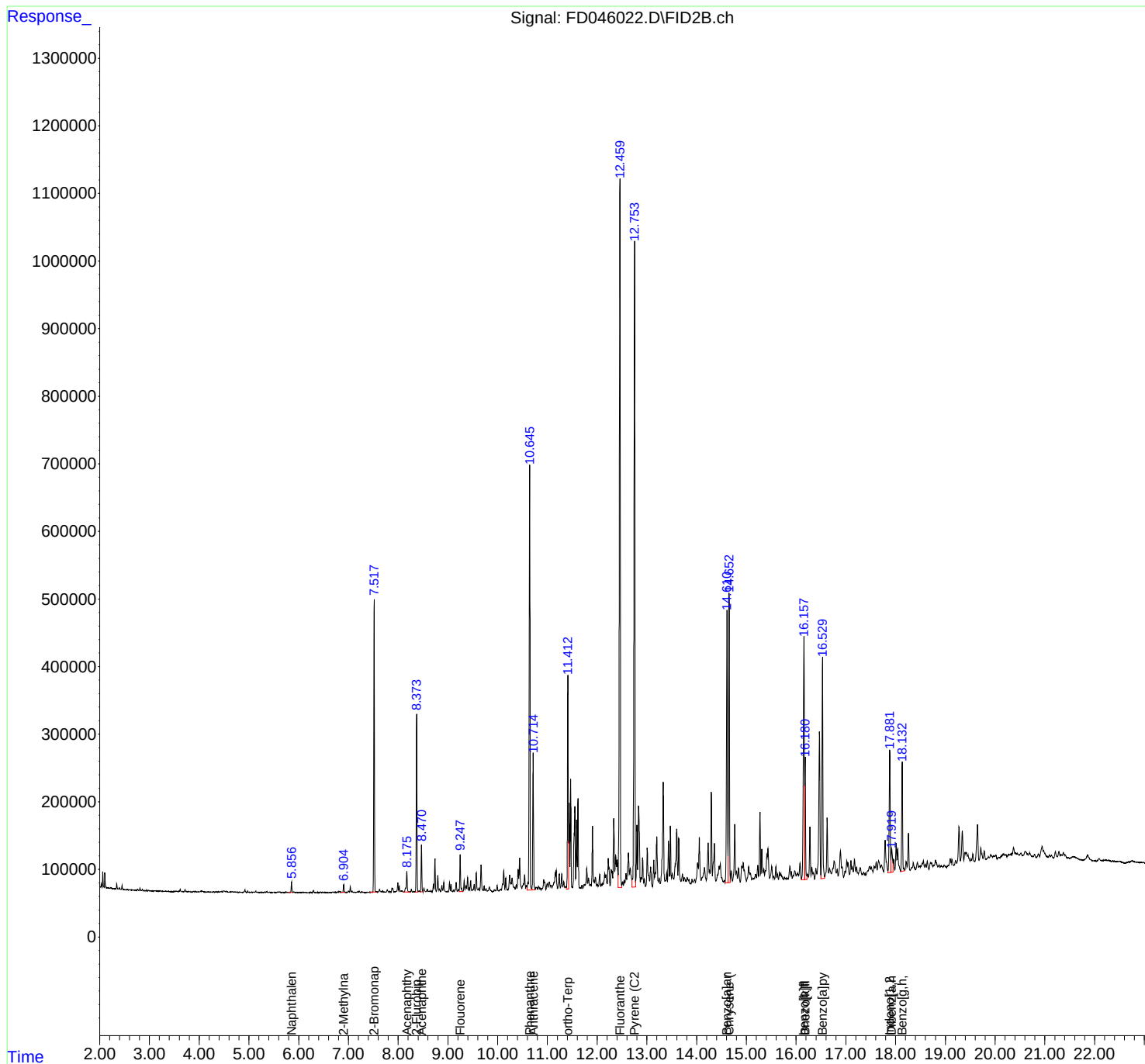
(m)=manual int.

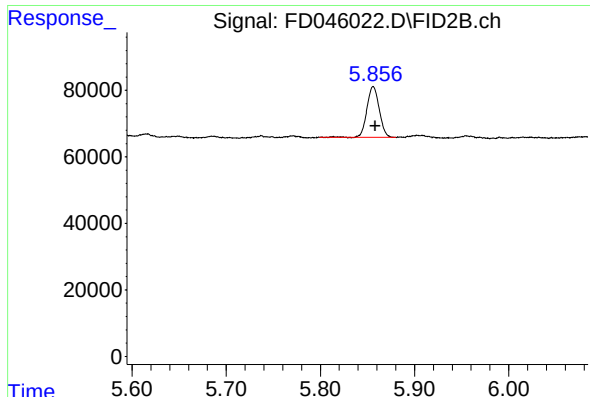
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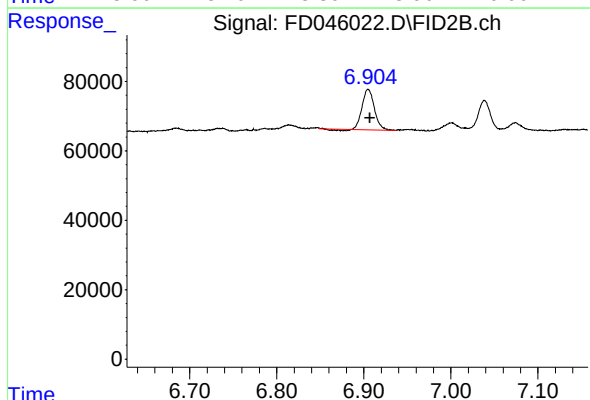
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 138720
Conc: 0.54 ug/ml

Instrument :

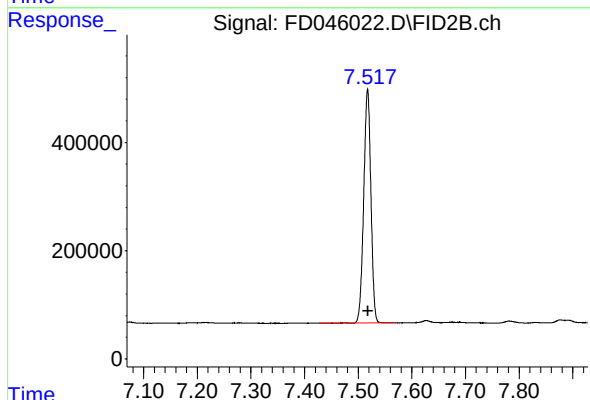
FID_D

ClientSampleId :



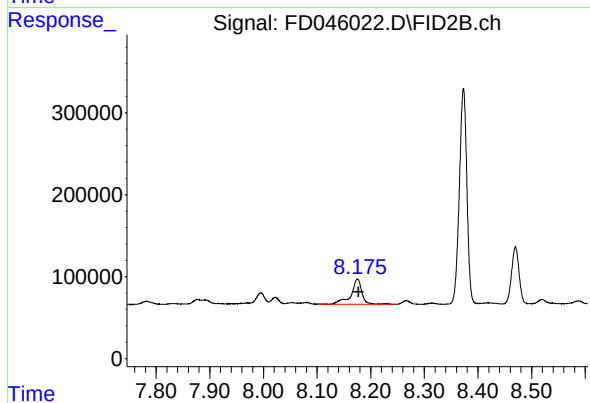
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 111421
Conc: 0.44 ug/ml



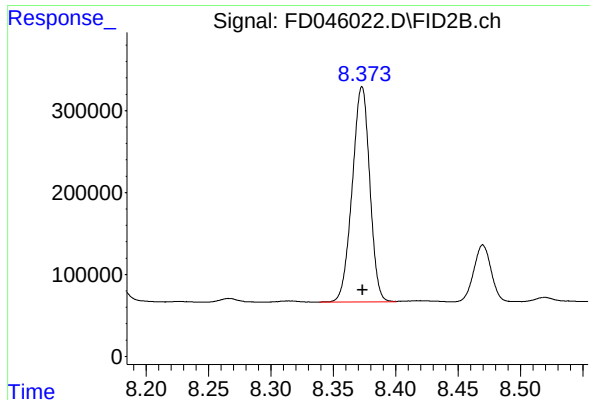
#4 2-Bromonaphthalene (SURR)

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4015600
Conc: 18.63 ug/ml



#5 Acenaphthylene (C15.06)

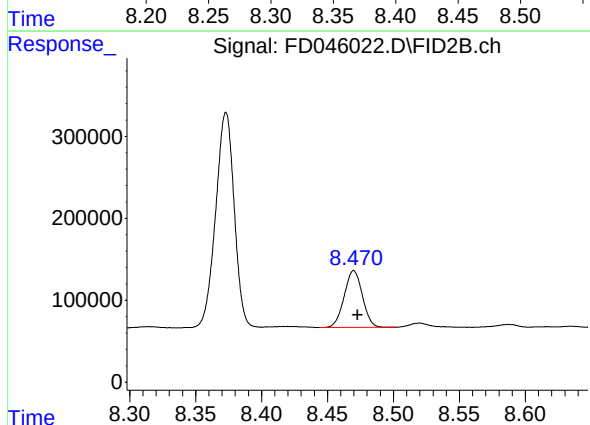
R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 438037
Conc: 2.02 ug/ml



#6 2-Fluorobiphenyl (SURR)

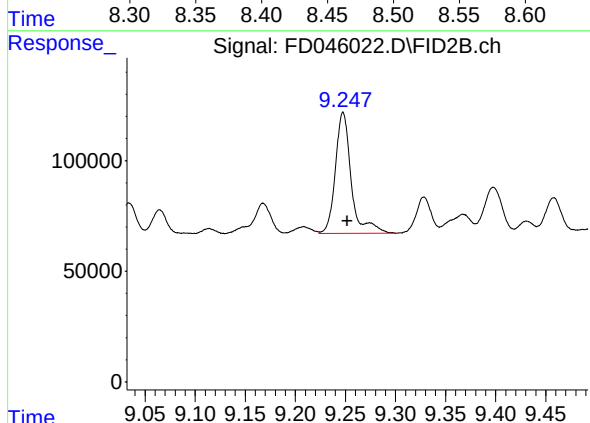
R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 2578244
Conc: 18.63 ug/ml

Instrument :
FID_D
ClientSampleId :



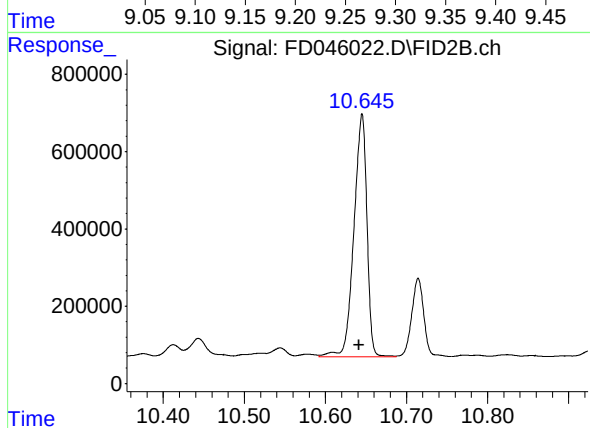
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 666025
Conc: 2.83 ug/ml



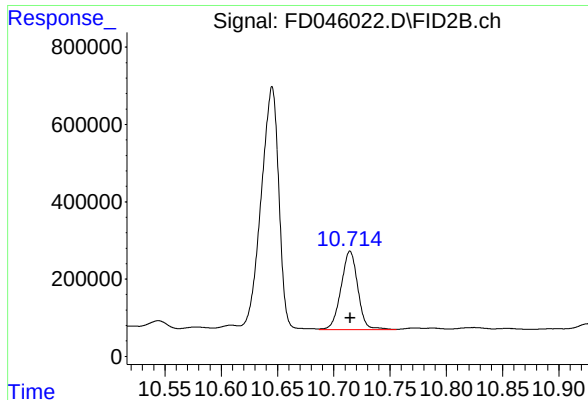
#8 Flouorene (C16.55)

R.T.: 9.248 min
Delta R.T.: -0.004 min
Response: 603726
Conc: 2.67 ug/ml



#9 Phenanthrene (C19.36)

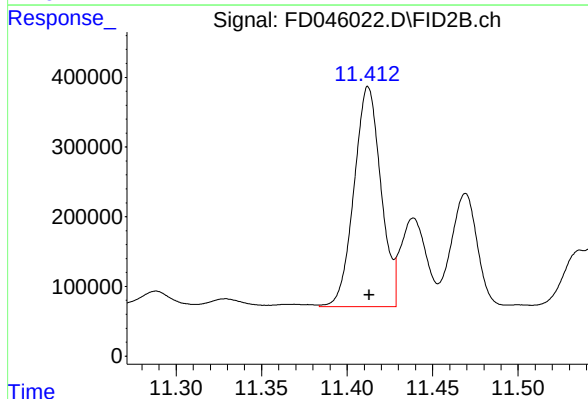
R.T.: 10.645 min
Delta R.T.: 0.003 min
Response: 7030726
Conc: 32.95 ug/ml



#10 Anthracene (C19.43)

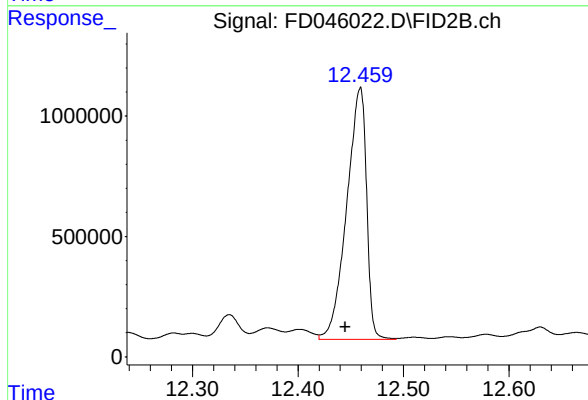
R.T.: 10.714 min
Delta R.T.: 0.000 min
Response: 2103868
Conc: 13.24 ug/ml

Instrument :
FID_D
ClientSampleId :



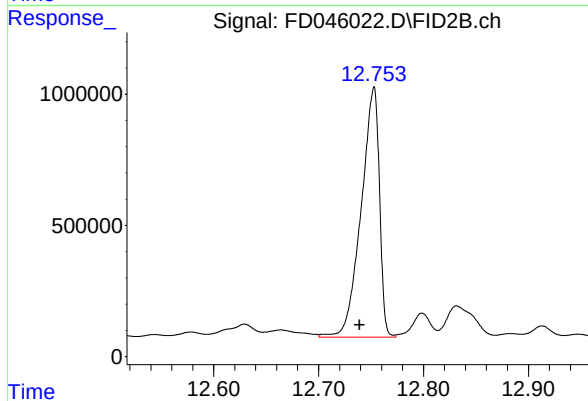
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 3461737
Conc: 13.65 ug/ml



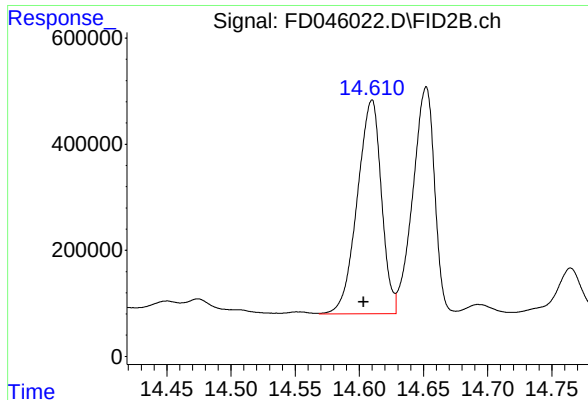
#12 Fluoranthene (C21.85)

R.T.: 12.458 min
Delta R.T.: 0.013 min
Response: 13635450
Conc: 66.63 ug/ml



#13 Pyrene (C20.8)

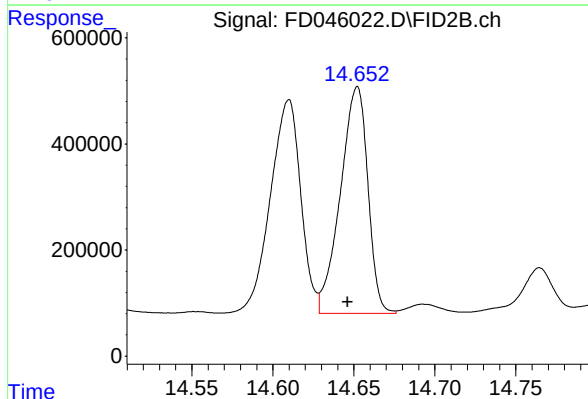
R.T.: 12.752 min
Delta R.T.: 0.013 min
Response: 11567832
Conc: 59.49 ug/ml



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

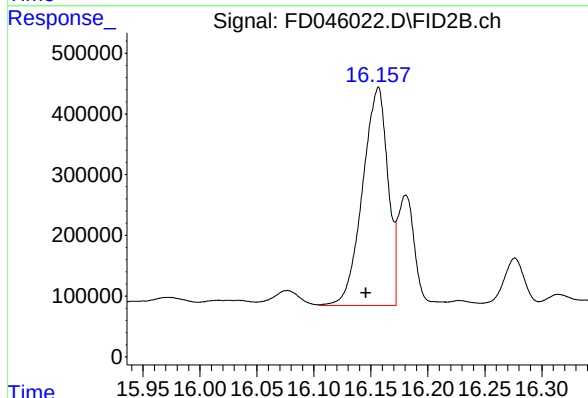
R.T.: 14.609 min
Delta R.T.: 0.006 min
Response: 5286480
Conc: 29.39 ug/ml

Instrument :
FID_D
ClientSampleId :



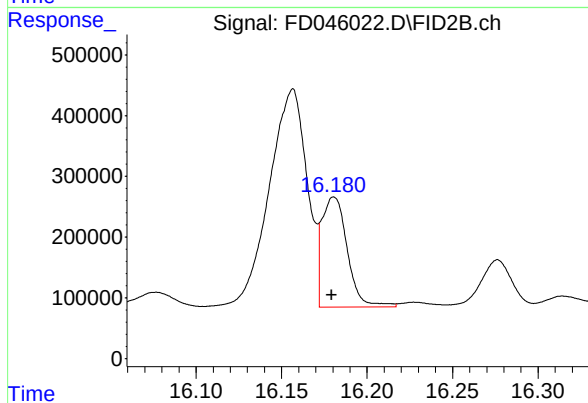
#15 Chrysene (C27.41)

R.T.: 14.652 min
Delta R.T.: 0.006 min
Response: 5054108
Conc: 25.75 ug/ml



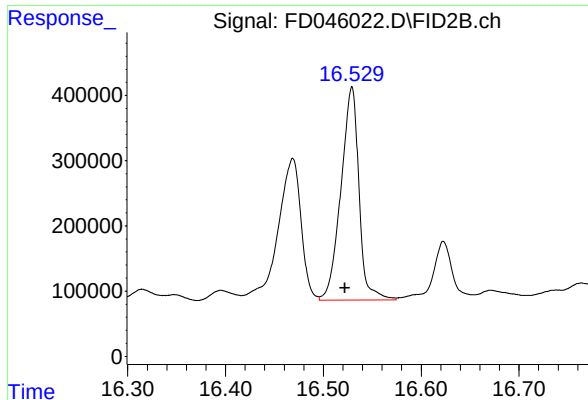
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.156 min
Delta R.T.: 0.010 min
Response: 5539796
Conc: 29.54 ug/ml



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

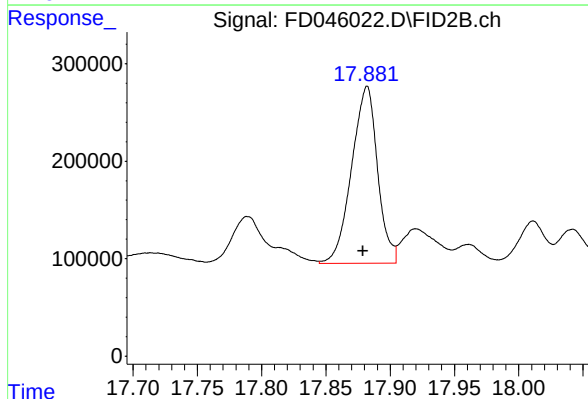
R.T.: 16.180 min
Delta R.T.: 0.001 min
Response: 1878813
Conc: 9.50 ug/ml



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

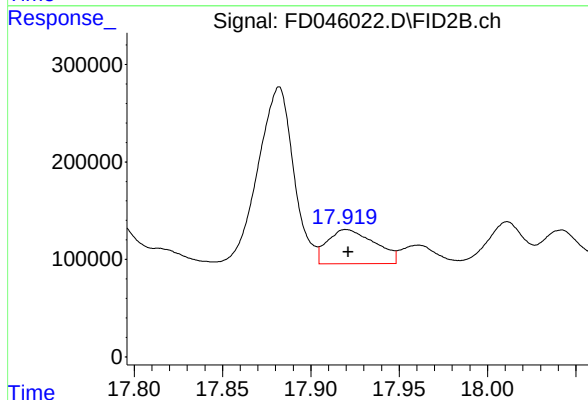
R.T.: 16.529 min
Delta R.T.: 0.007 min
Response: 4190123
Conc: 24.05 ug/ml

Instrument :
FID_D
ClientSampleId :



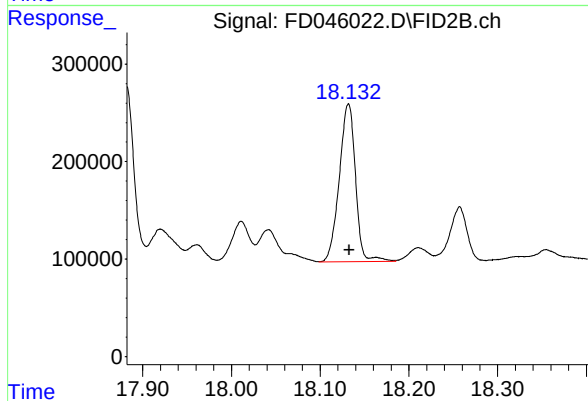
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.003 min
Response: 2550647
Conc: 13.71 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.000 min
Response: 652584
Conc: 3.55 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 2057448
Conc: 11.01 ug/ml