

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049651.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 19:28
 Operator : YP/AJ
 Sample : Q2832-05
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TG-S03

Integration File: autoint1.e
 Quant Time: Aug 25 01:49:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 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...	7.717	6304352	61.514 ug/ml
Spiked Amount 50.000		Recovery =	123.03%
6) S 2-Fluorobiphenyl (SURR)	8.582	4400461	60.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.49%
11) S ortho-Terphenyl (SURR)	11.629	6545749	50.431 ug/ml
Spiked Amount 50.000		Recovery =	100.86%
Target Compounds			
2) T Naphthalene (C11.7)	6.050	85480	0.746 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	91581	0.768 ug/ml
5) T Acenaphthylene (C15.06)	8.381	265406	2.111 ug/ml
7) T Acenaphthene (C15.5)	8.677	147777	1.175 ug/ml
8) T Fluorene (C16.55)	9.457	261667	2.067 ug/ml
9) T Phenanthrene (C19.36)	10.857	2065405	15.989 ug/ml
10) T Anthracene (C19.43)	10.930	1062806	8.627 ug/ml
12) T Fluoranthene (C21.85)	12.675	4442507	34.703 ug/ml
13) T Pyrene (C20.8)	12.972	3743913	29.488 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2306532	19.988 ug/ml
15) T Chrysene (C27.41)	14.883	2588708	22.110 ug/ml
16) T benzo[b]fluoranthene ...	16.398	3360768	29.549 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	1084304	10.129 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.773	1955920	17.631 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	1874896	18.189 ug/ml
20) T Dibenz[a,h]anthracene...	18.178	465626	4.272 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	1302965	11.924 ug/ml

(f)=RT Delta > 1/2 Window

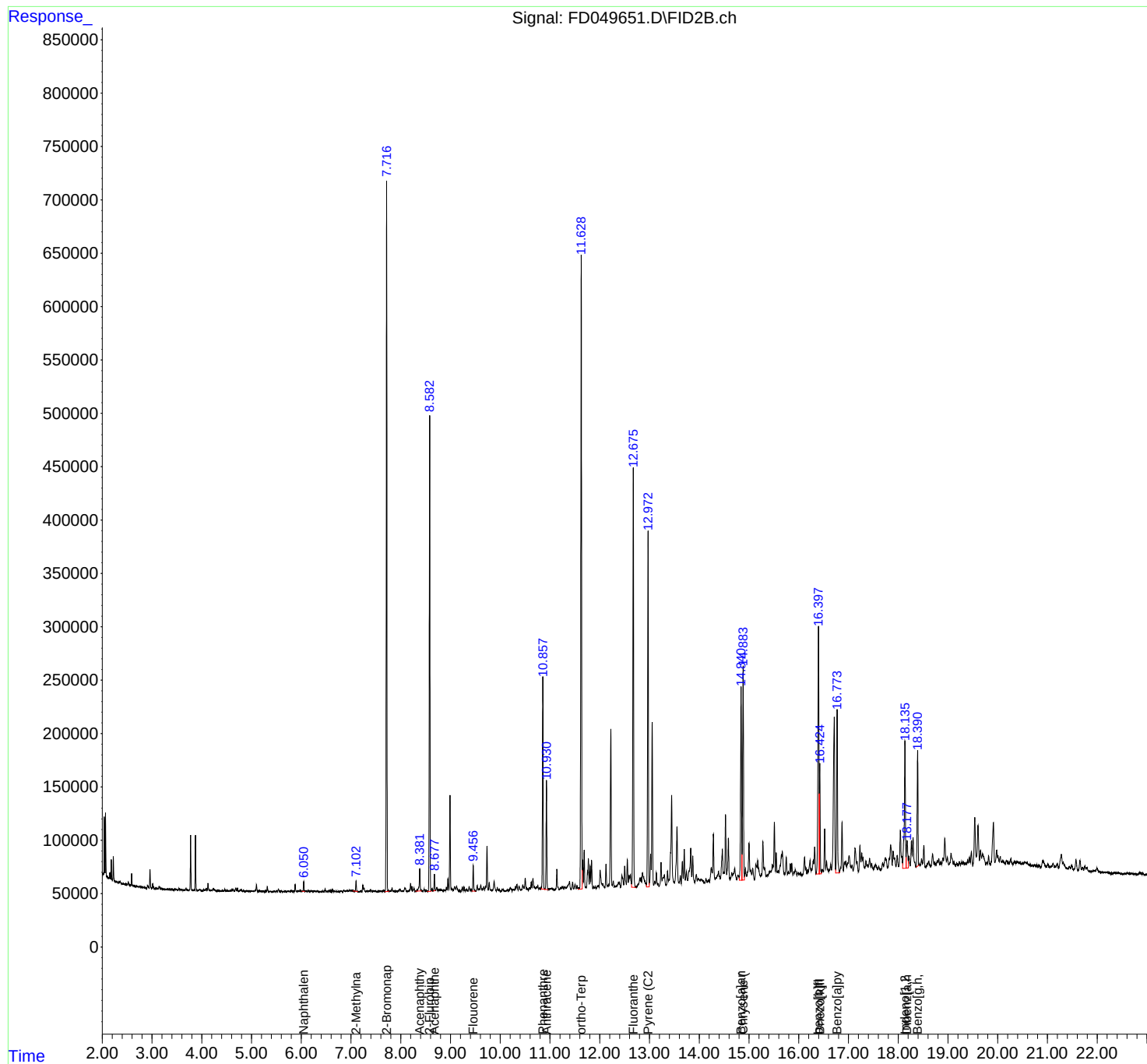
(m)=manual int.

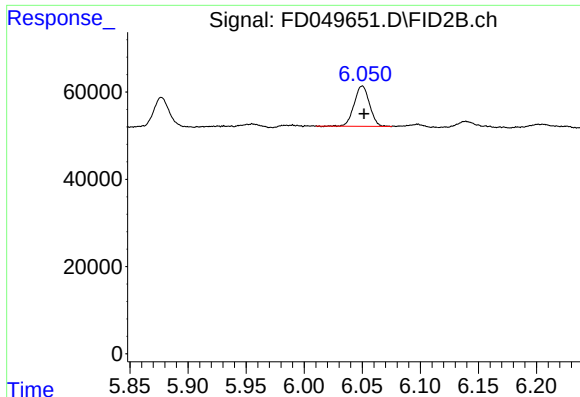
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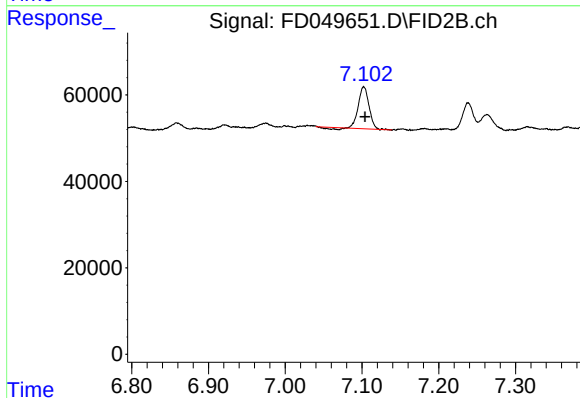




#2 Naphthalene (C11.7)

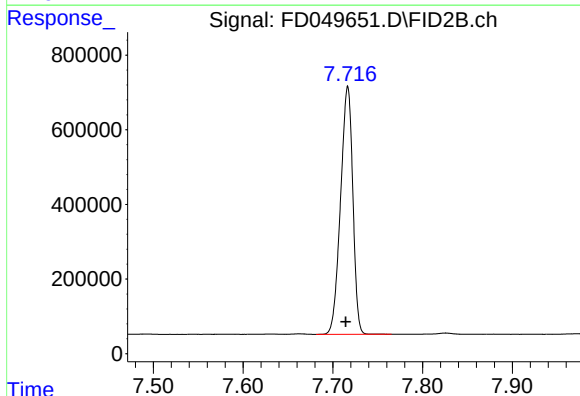
R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 85480
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S03



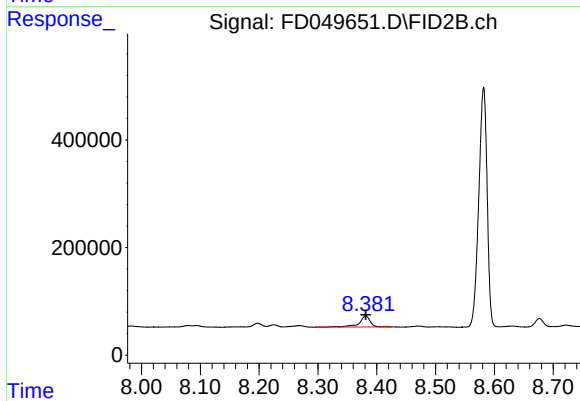
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.001 min
Response: 91581
Conc: 0.77 ug/ml



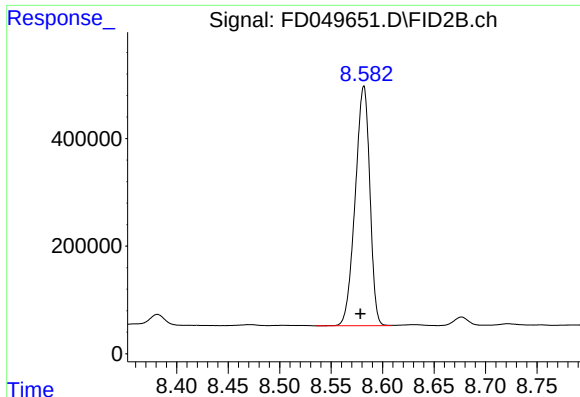
#4 2-Bromonaphthalene (SURR)

R.T.: 7.717 min
Delta R.T.: 0.002 min
Response: 6304352
Conc: 61.51 ug/ml



#5 Acenaphthylene (C15.06)

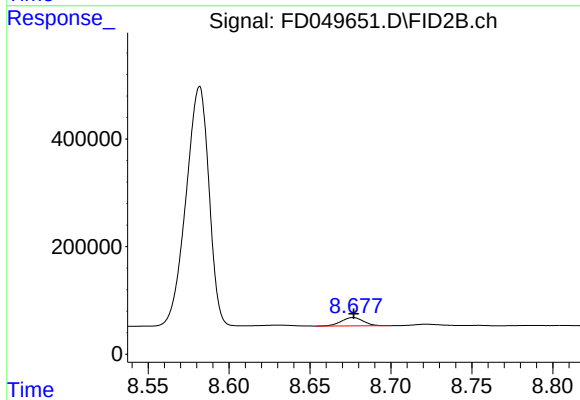
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 265406
Conc: 2.11 ug/ml



#6 2-Fluorobiphenyl (SURR)

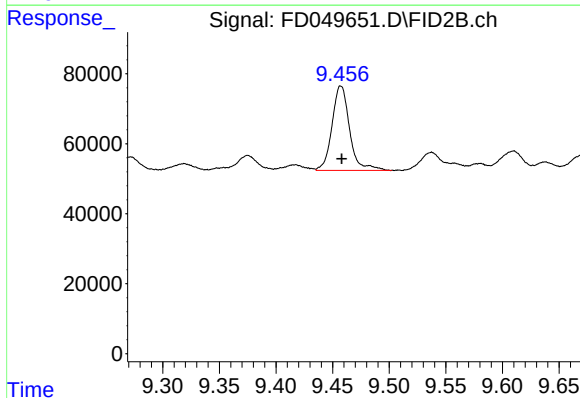
R.T.: 8.582 min
Delta R.T.: 0.003 min
Response: 4400461
Conc: 60.24 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S03



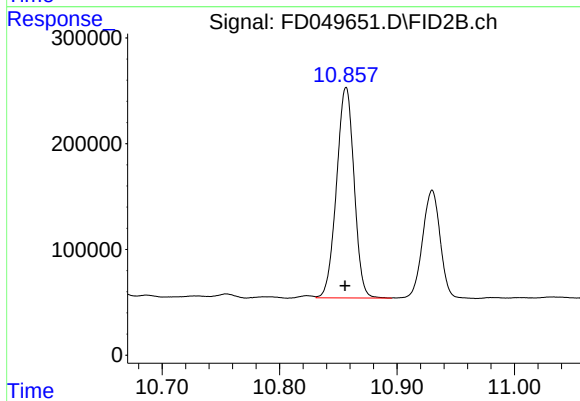
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 147777
Conc: 1.18 ug/ml



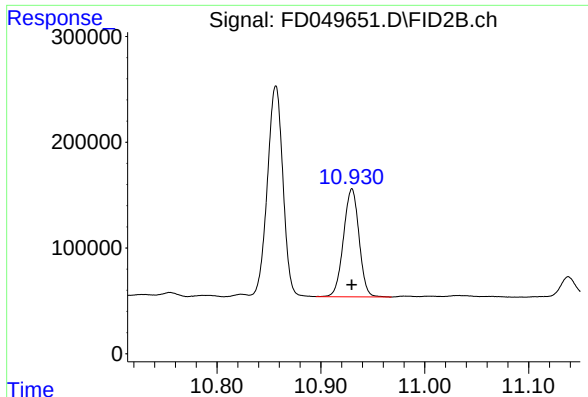
#8 Flouorene (C16.55)

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 261667
Conc: 2.07 ug/ml



#9 Phenanthrene (C19.36)

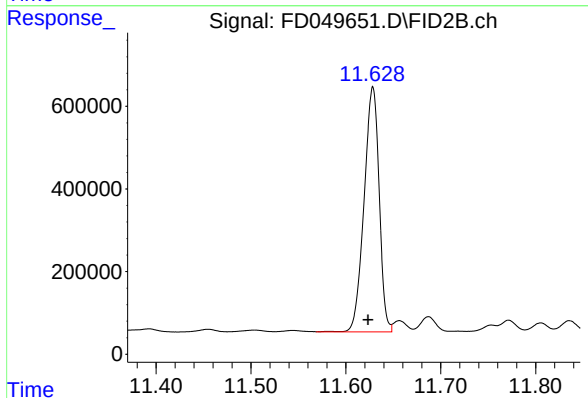
R.T.: 10.857 min
Delta R.T.: 0.001 min
Response: 2065405
Conc: 15.99 ug/ml



#10 Anthracene (C19.43)

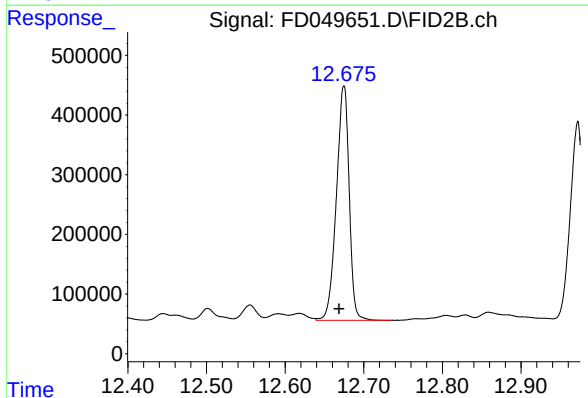
R.T.: 10.930 min
Delta R.T.: 0.000 min
Response: 1062806
Conc: 8.63 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S03



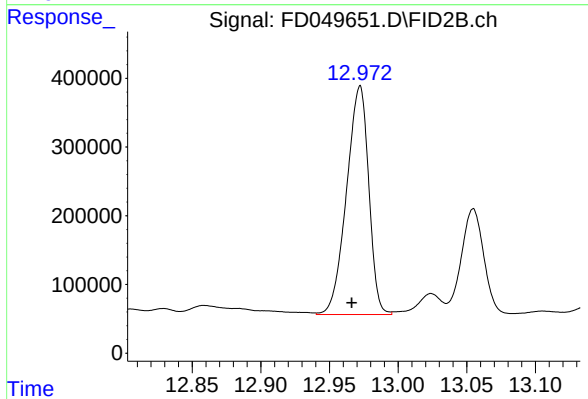
#11 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: 0.005 min
Response: 6545749
Conc: 50.43 ug/ml



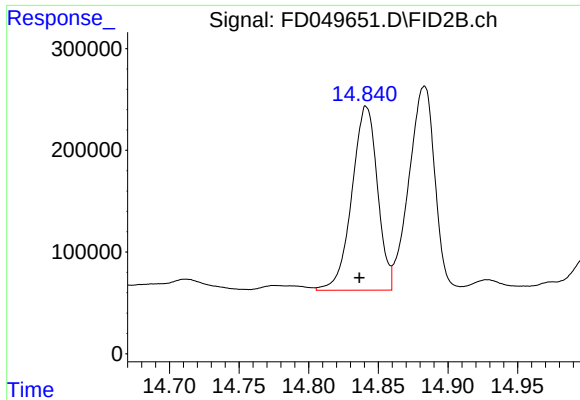
#12 Fluoranthene (C21.85)

R.T.: 12.675 min
Delta R.T.: 0.006 min
Response: 4442507
Conc: 34.70 ug/ml



#13 Pyrene (C20.8)

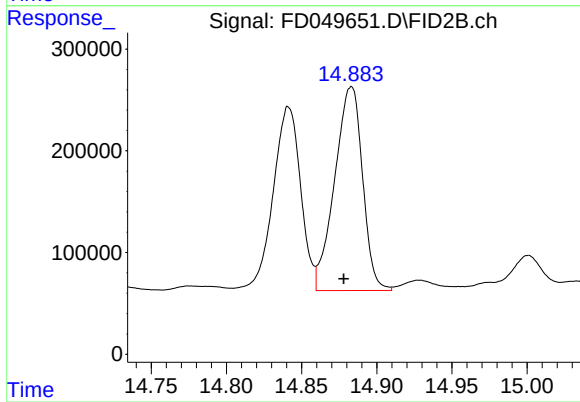
R.T.: 12.972 min
Delta R.T.: 0.006 min
Response: 3743913
Conc: 29.49 ug/ml



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

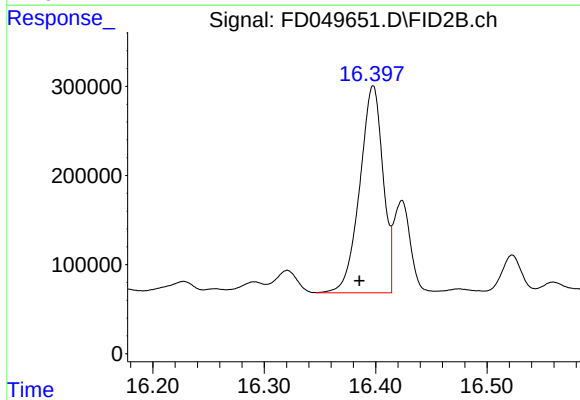
R.T.: 14.841 min
Delta R.T.: 0.005 min
Response: 2306532
Conc: 19.99 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S03



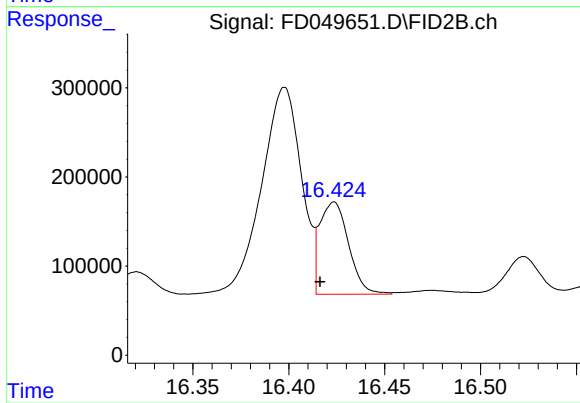
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2588708
Conc: 22.11 ug/ml



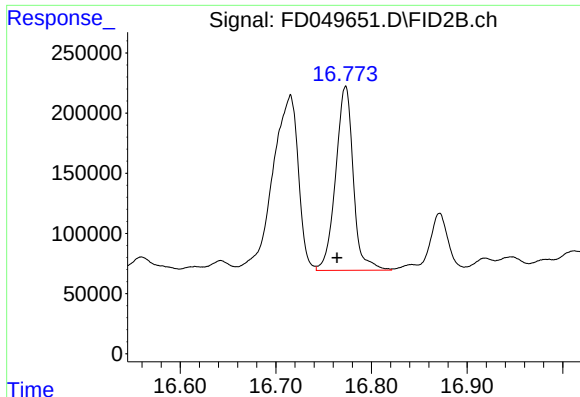
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.398 min
Delta R.T.: 0.012 min
Response: 3360768
Conc: 29.55 ug/ml



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

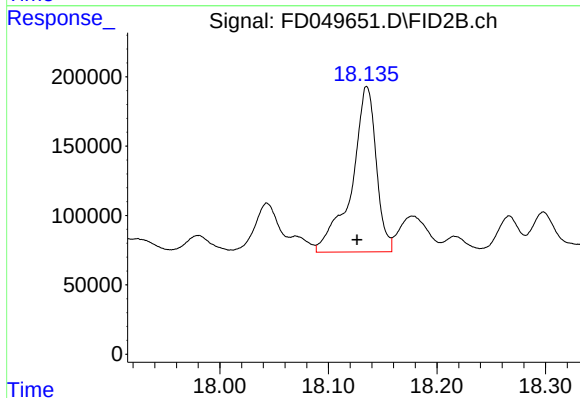
R.T.: 16.424 min
Delta R.T.: 0.007 min
Response: 1084304
Conc: 10.13 ug/ml



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

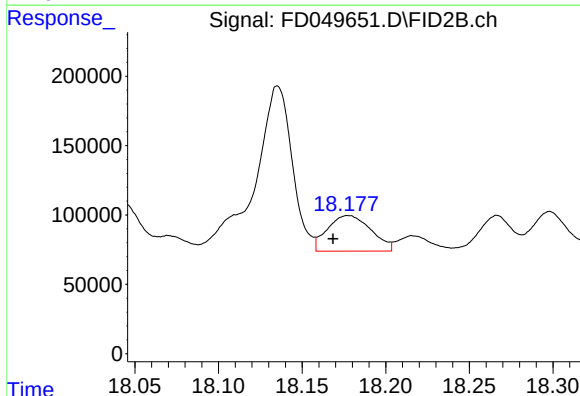
R.T.: 16.773 min
Delta R.T.: 0.009 min
Response: 1955920
Conc: 17.63 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S03



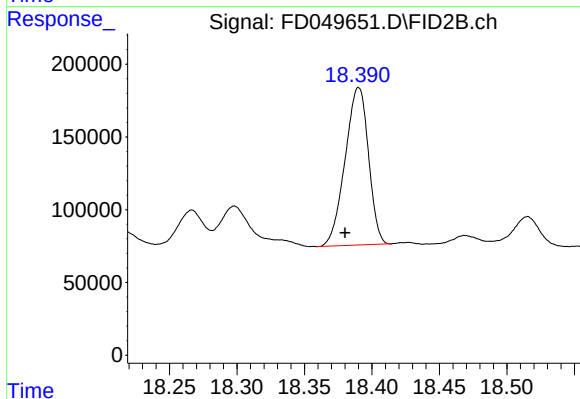
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min
Delta R.T.: 0.009 min
Response: 1874896
Conc: 18.19 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.009 min
Response: 465626
Conc: 4.27 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 1302965
Conc: 11.92 ug/ml