

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049650.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 18:43
 Operator : YP/AJ
 Sample : Q2832-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TG-S02

Integration File: autoint1.e
 Quant Time: Aug 25 01:49:13 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...	7.716	5896088	57.530 ug/ml
Spiked Amount 50.000		Recovery =	115.06%
6) S 2-Fluorobiphenyl (SURR)	8.581	4235851	57.989 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.98%
11) S ortho-Terphenyl (SURR)	11.629	6766241	52.130 ug/ml
Spiked Amount 50.000		Recovery =	104.26%
Target Compounds			
2) T Naphthalene (C11.7)	6.050	72093	0.629 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	75234	0.631 ug/ml
5) T Acenaphthylene (C15.06)	8.381	248599	1.978 ug/ml
7) T Acenaphthene (C15.5)	8.677	61074	0.486 ug/ml
8) T Flouorene (C16.55)	9.458	99183	0.783 ug/ml
9) T Phenanthrene (C19.36)	10.855	1128042	8.732 ug/ml
10) T Anthracene (C19.43)	10.929	344610	2.797 ug/ml
12) T Fluoranthene (C21.85)	12.673	2888242	22.561 ug/ml
13) T Pyrene (C20.8)	12.970	2555762	20.130 ug/ml
14) T Benzo[a]anthracene (C...	14.840	1880957	16.300 ug/ml
15) T Chrysene (C27.41)	14.882	2012841	17.192 ug/ml
16) T benzo[b]fluoranthene ...	16.396	2806893	24.679 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	911627	8.516 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.772	1789193	16.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.134	1451227	14.079 ug/ml
20) T Dibenz[a,h]anthracene...	18.177	413977	3.798 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	1046745	9.579 ug/ml

(f)=RT Delta > 1/2 Window

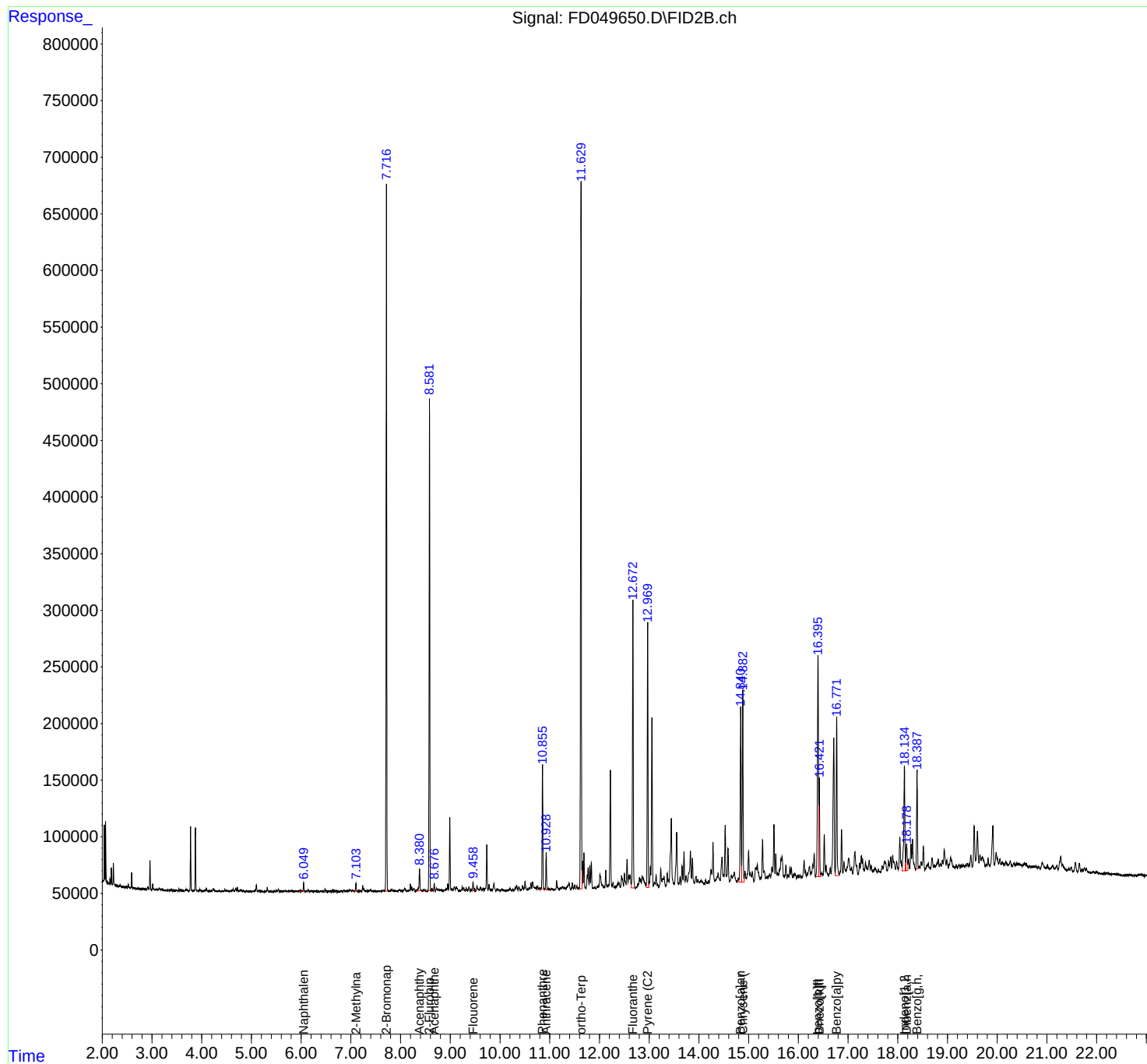
(m)=manual int.

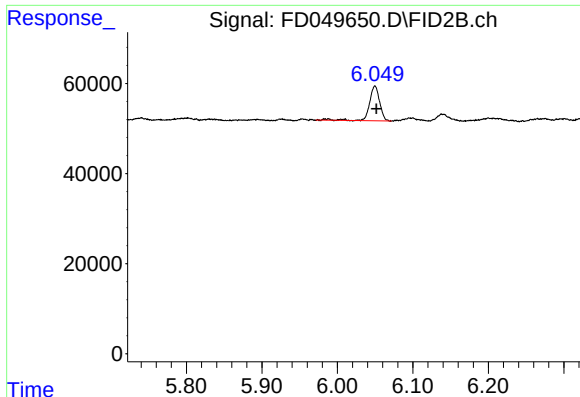
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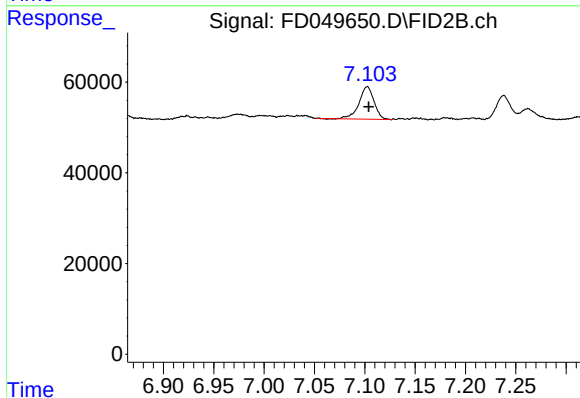




#2 Naphthalene (C11.7)

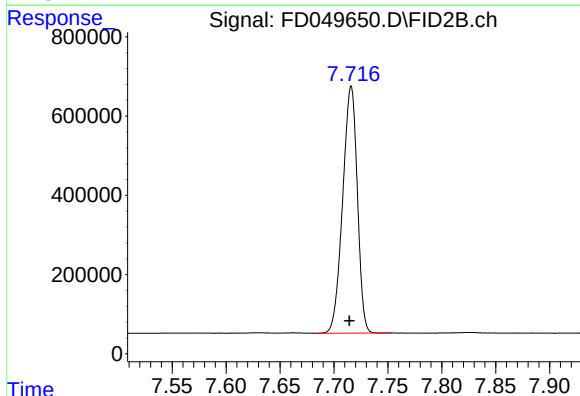
R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 72093
Conc: 0.63 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S02



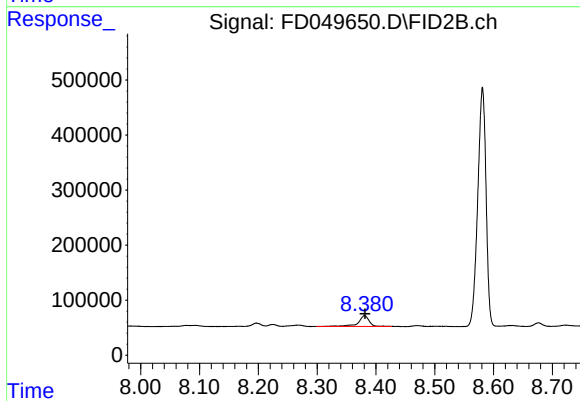
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 75234
Conc: 0.63 ug/ml



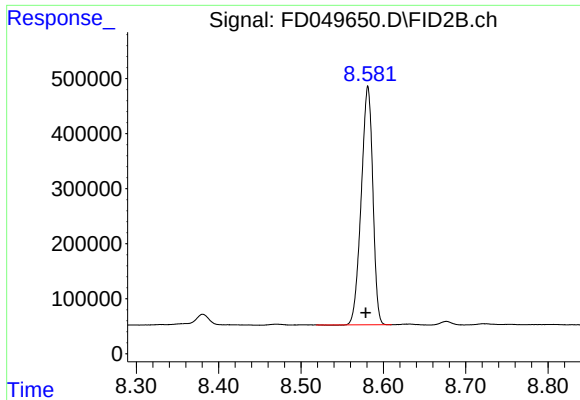
#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.002 min
Response: 5896088
Conc: 57.53 ug/ml



#5 Acenaphthylene (C15.06)

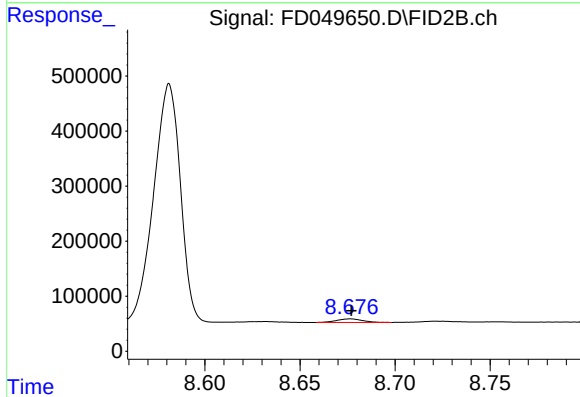
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 248599
Conc: 1.98 ug/ml



#6 2-Fluorobiphenyl (SURR)

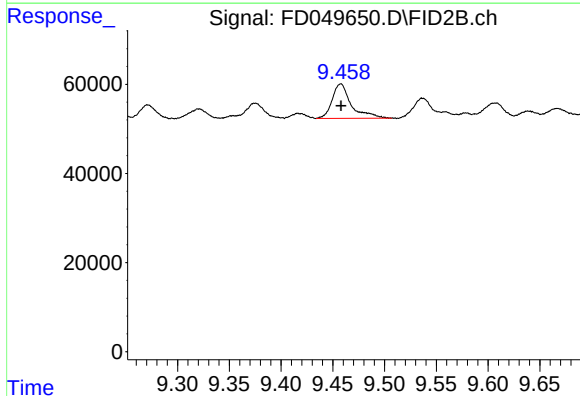
R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 4235851
Conc: 57.99 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S02



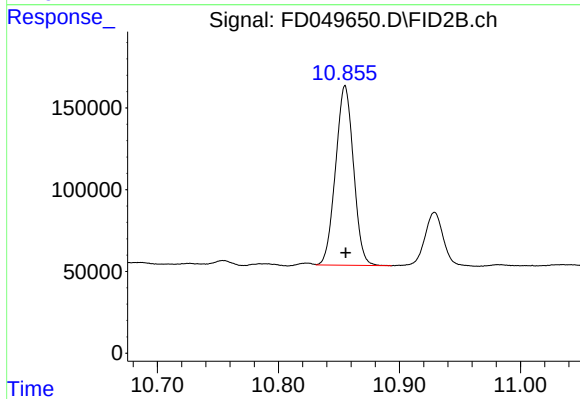
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 61074
Conc: 0.49 ug/ml



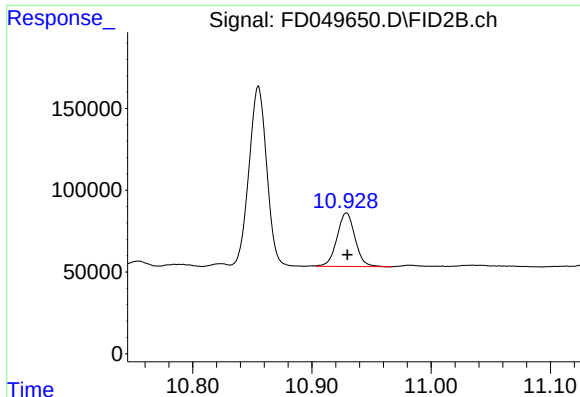
#8 Flouorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 99183
Conc: 0.78 ug/ml



#9 Phenanthrene (C19.36)

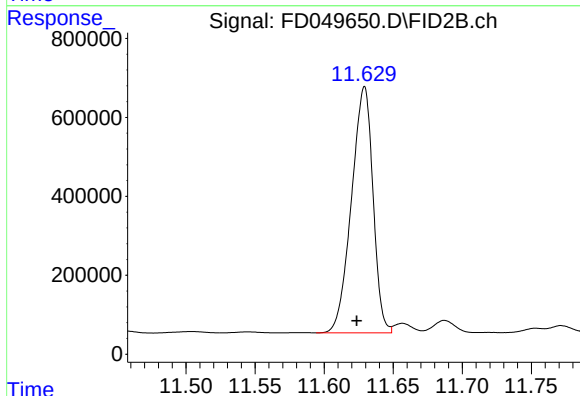
R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 1128042
Conc: 8.73 ug/ml



#10 Anthracene (C19.43)

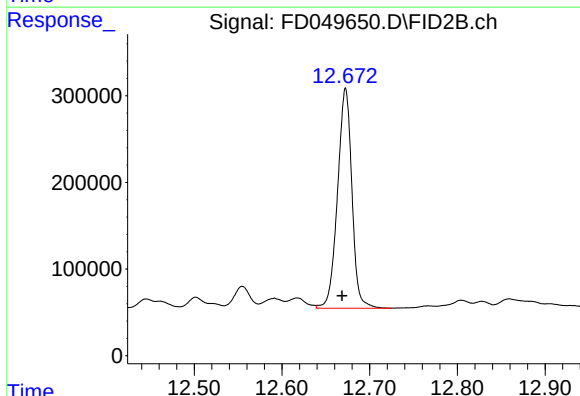
R.T.: 10.929 min
Delta R.T.: 0.000 min
Response: 344610
Conc: 2.80 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S02



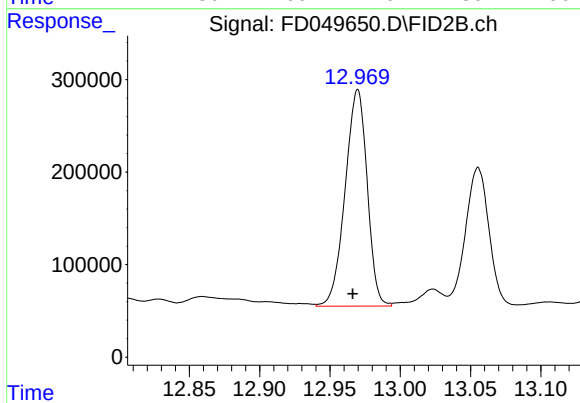
#11 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: 0.006 min
Response: 6766241
Conc: 52.13 ug/ml



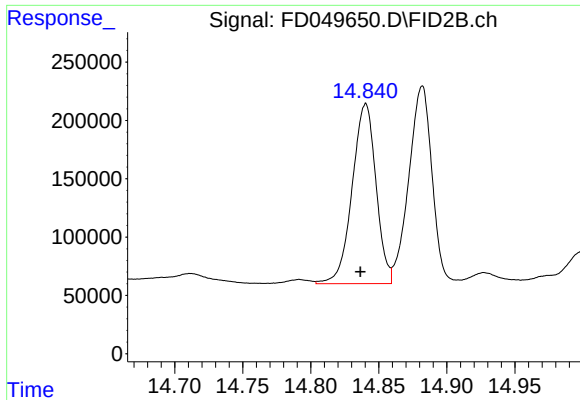
#12 Fluoranthene (C21.85)

R.T.: 12.673 min
Delta R.T.: 0.004 min
Response: 2888242
Conc: 22.56 ug/ml



#13 Pyrene (C20.8)

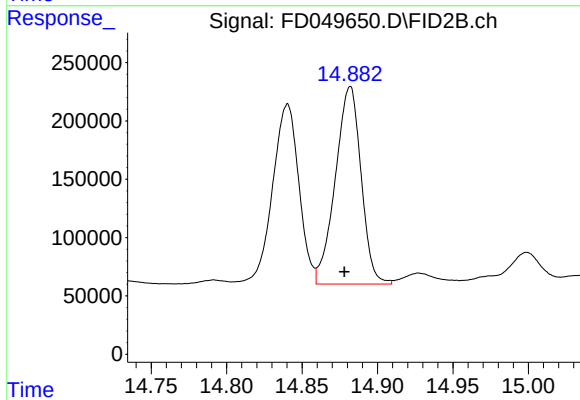
R.T.: 12.970 min
Delta R.T.: 0.004 min
Response: 2555762
Conc: 20.13 ug/ml



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

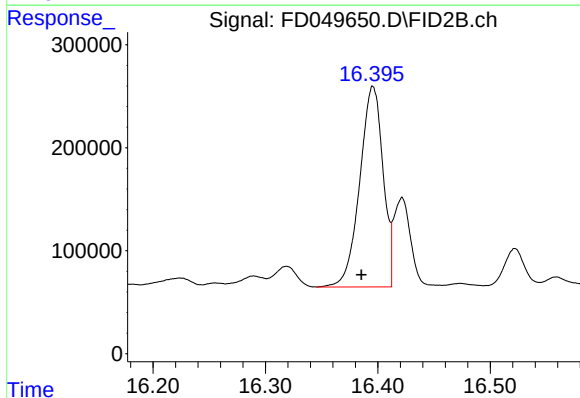
R.T.: 14.840 min
Delta R.T.: 0.004 min
Response: 1880957
Conc: 16.30 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S02



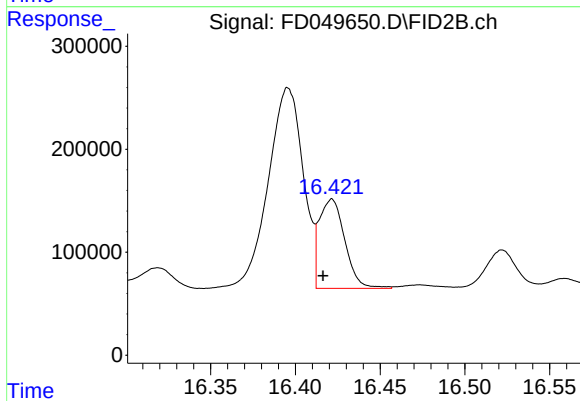
#15 Chrysene (C27.41)

R.T.: 14.882 min
Delta R.T.: 0.004 min
Response: 2012841
Conc: 17.19 ug/ml



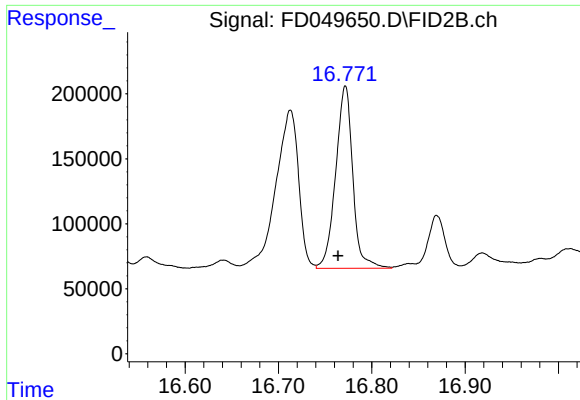
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.396 min
Delta R.T.: 0.010 min
Response: 2806893
Conc: 24.68 ug/ml



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

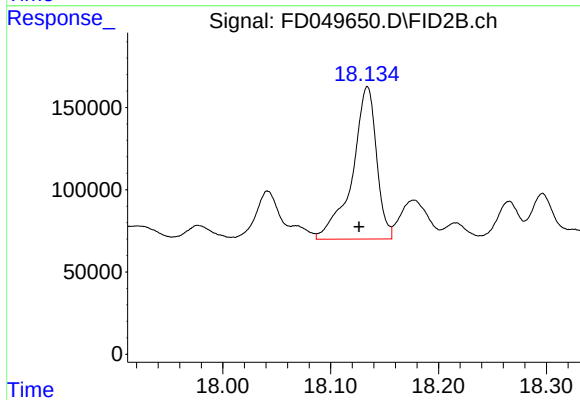
R.T.: 16.422 min
Delta R.T.: 0.005 min
Response: 911627
Conc: 8.52 ug/ml



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

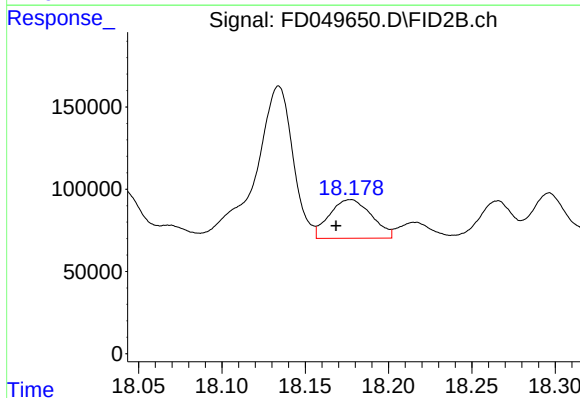
R.T.: 16.772 min
Delta R.T.: 0.008 min
Response: 1789193
Conc: 16.13 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S02



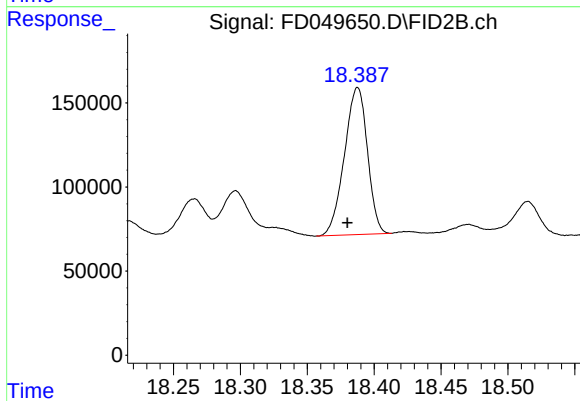
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.134 min
Delta R.T.: 0.008 min
Response: 1451227
Conc: 14.08 ug/ml



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

R.T.: 18.177 min
Delta R.T.: 0.009 min
Response: 413977
Conc: 3.80 ug/ml



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

R.T.: 18.388 min
Delta R.T.: 0.008 min
Response: 1046745
Conc: 9.58 ug/ml