

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049653.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 20:56
 Operator : YP/AJ
 Sample : Q2832-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TG-S05

Integration File: autoint1.e
 Quant Time: Aug 25 01:50:23 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	6629575	64.687 ug/ml
Spiked Amount 50.000		Recovery =	129.37%
6) S 2-Fluorobiphenyl (SURR)	8.582	4713081	64.522 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.04%
11) S ortho-Terphenyl (SURR)	11.629	7313708	56.348 ug/ml
Spiked Amount 50.000		Recovery =	112.70%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.381	142823	1.136 ug/ml
9) T Phenanthrene (C19.36)	10.855	593521	4.595 ug/ml
10) T Anthracene (C19.43)	10.929	149611	1.214 ug/ml
12) T Fluoranthene (C21.85)	12.670	1405945	10.983 ug/ml
13) T Pyrene (C20.8)	12.967	1101680	8.677 ug/ml
14) T Benzo[a]anthracene (C...	14.838	673651	5.838 ug/ml
15) T Chrysene (C27.41)	14.878	886269	7.570 ug/ml
16) T benzo[b]fluoranthene ...	16.392	1003705	8.825 ug/ml
17) T Bnezo[k]fluoranthene ...	16.418	310357	2.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.768	568902	5.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.130	603870	5.858 ug/ml
20) T Dibenz[a,h]anthracene...	18.175	176662	1.621 ug/ml
21) T Benzo[g,h,i]perylene ...	18.384	411890	3.769 ug/ml

(f)=RT Delta > 1/2 Window

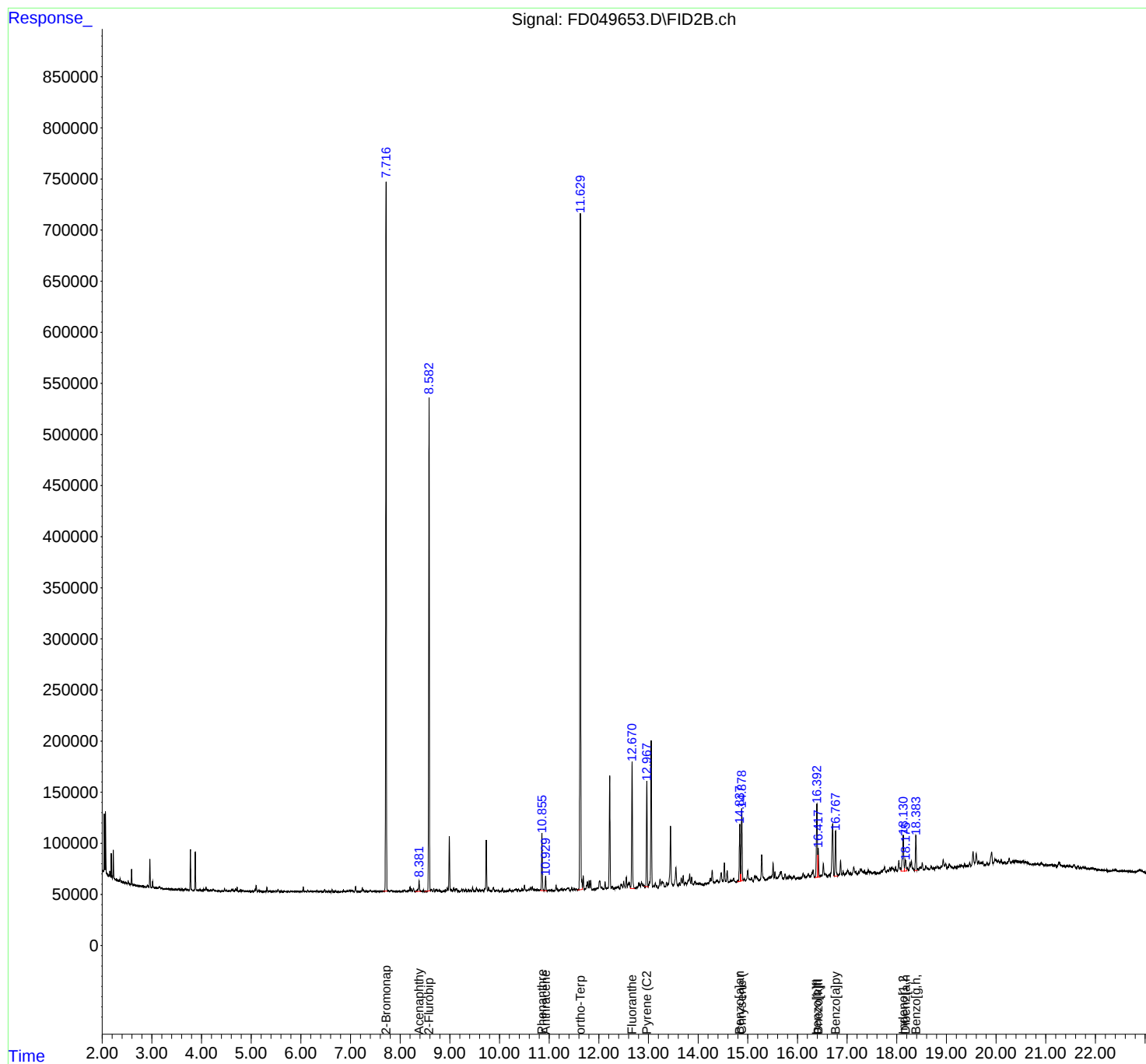
(m)=manual int.

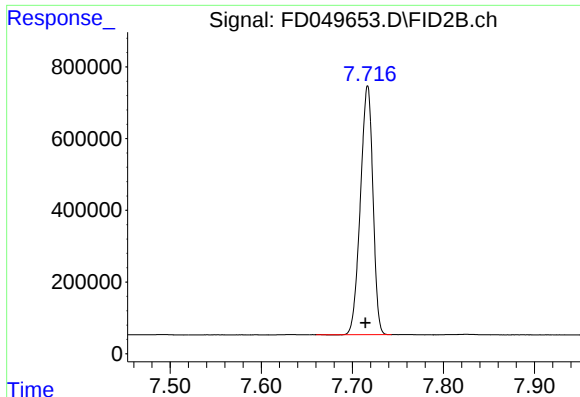
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Signal Info : 20M x 0.18mm x 0.18µm

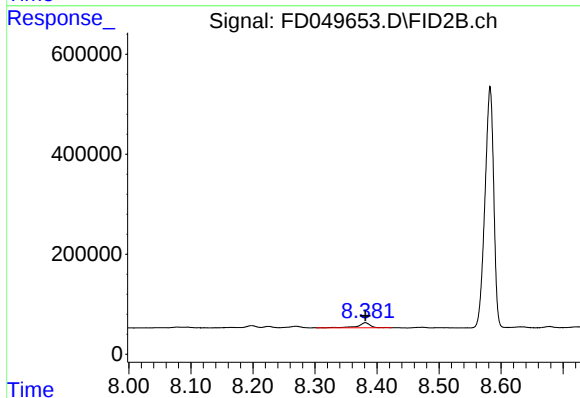




#4 2-Bromonaphthalene (SURR)

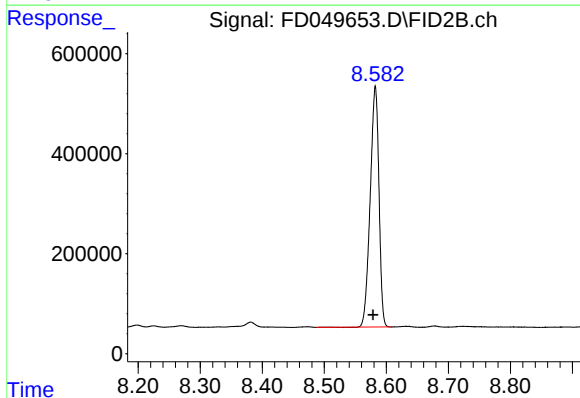
R.T.: 7.717 min
Delta R.T.: 0.002 min
Response: 6629575
Conc: 64.69 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S05



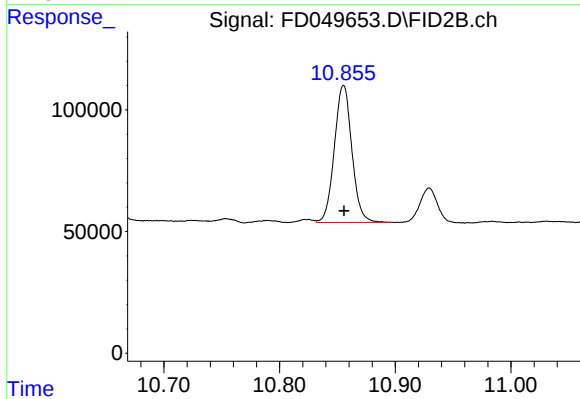
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 142823
Conc: 1.14 ug/ml



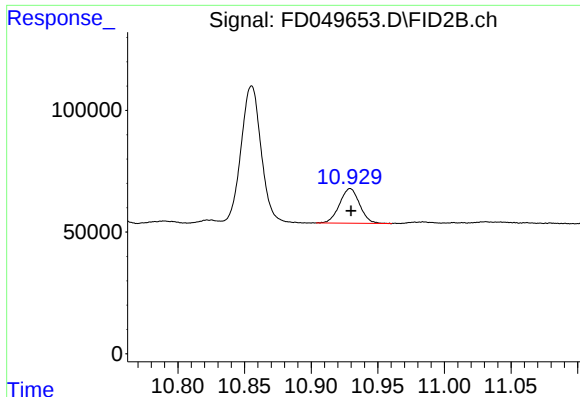
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.004 min
Response: 4713081
Conc: 64.52 ug/ml



#9 Phenanthrene (C19.36)

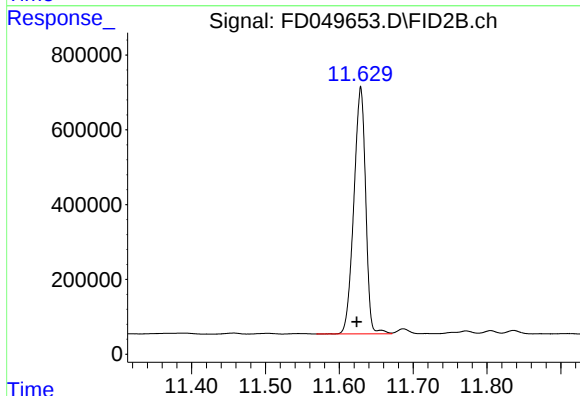
R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 593521
Conc: 4.59 ug/ml



#10 Anthracene (C19.43)

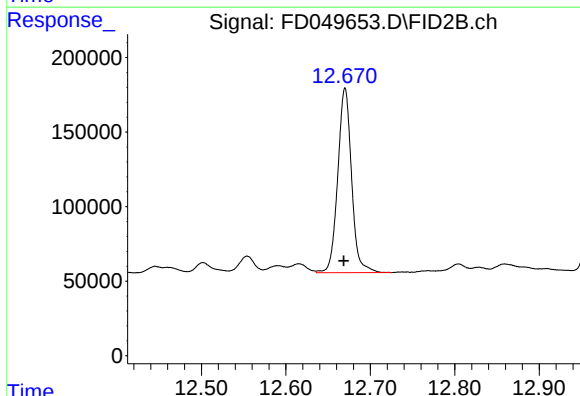
R.T.: 10.929 min
Delta R.T.: 0.000 min
Response: 149611
Conc: 1.21 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S05



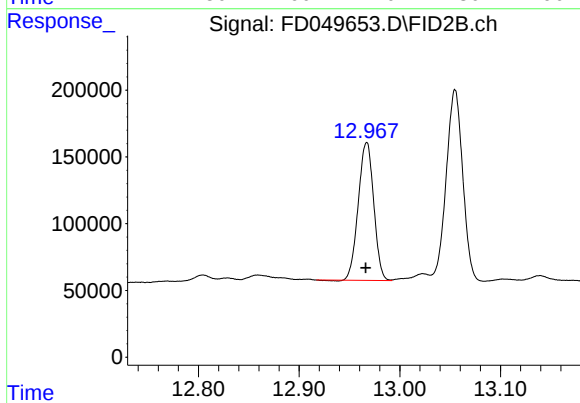
#11 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: 0.006 min
Response: 7313708
Conc: 56.35 ug/ml



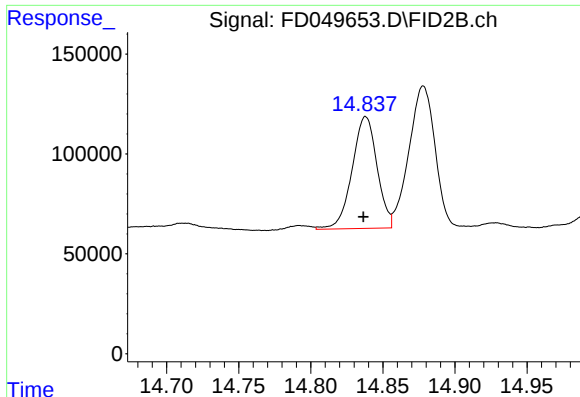
#12 Fluoranthene (C21.85)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 1405945
Conc: 10.98 ug/ml



#13 Pyrene (C20.8)

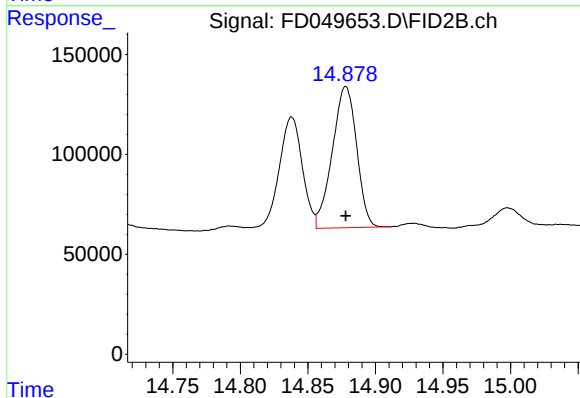
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 1101680
Conc: 8.68 ug/ml



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

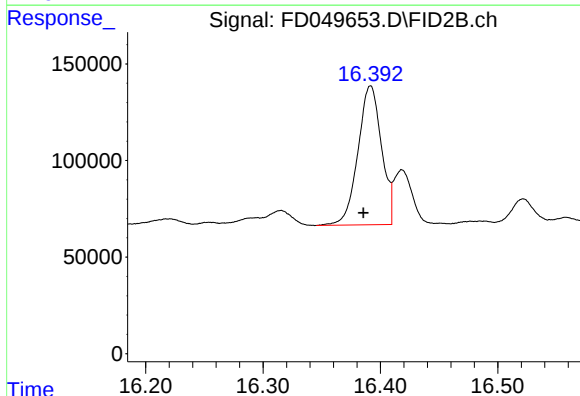
R.T.: 14.838 min
Delta R.T.: 0.002 min
Response: 673651
Conc: 5.84 ug/ml

Instrument :
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TG-S05



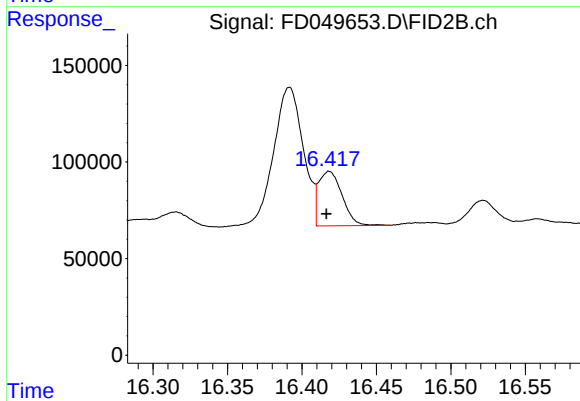
#15 Chrysene (C27.41)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 886269
Conc: 7.57 ug/ml



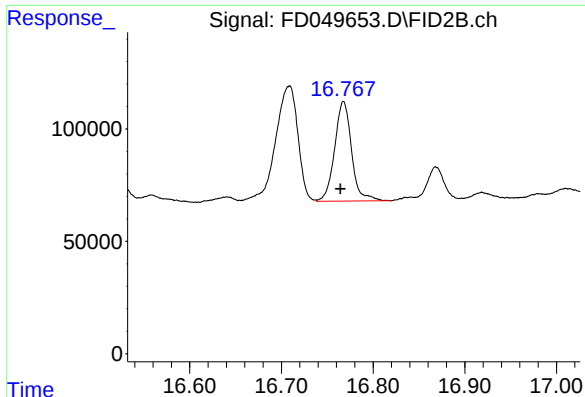
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.392 min
Delta R.T.: 0.006 min
Response: 1003705
Conc: 8.82 ug/ml



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

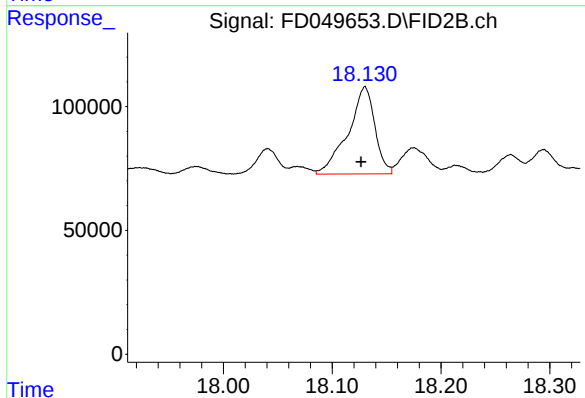
R.T.: 16.418 min
Delta R.T.: 0.002 min
Response: 310357
Conc: 2.90 ug/ml



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

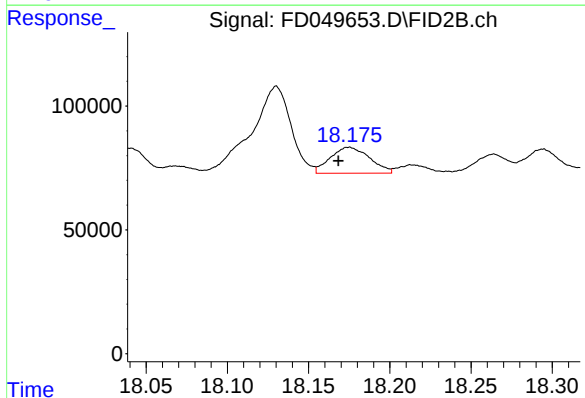
R.T.: 16.768 min
Delta R.T.: 0.004 min
Response: 568902
Conc: 5.13 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S05



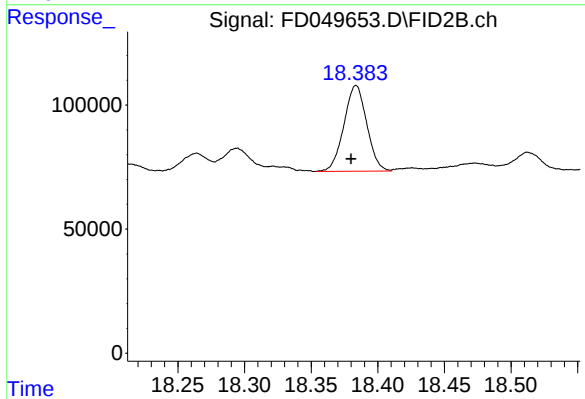
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.130 min
Delta R.T.: 0.004 min
Response: 603870
Conc: 5.86 ug/ml



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

R.T.: 18.175 min
Delta R.T.: 0.006 min
Response: 176662
Conc: 1.62 ug/ml



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

R.T.: 18.384 min
Delta R.T.: 0.004 min
Response: 411890
Conc: 3.77 ug/ml