

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049649.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 17:58
 Operator : YP/AJ
 Sample : Q2832-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TG-S01

Integration File: autoint1.e
 Quant Time: Aug 25 01:48:48 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	6384780	62.299 ug/ml
Spiked Amount 50.000		Recovery =	124.60%
6) S 2-Fluorobiphenyl (SURR)	8.580	3346911	45.819 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.64%
11) S ortho-Terphenyl (SURR)	11.629	8185651	63.066 ug/ml
Spiked Amount 50.000		Recovery =	126.13%
Target Compounds			
2) T Naphthalene (C11.7)	6.050	90108	0.786 ug/ml
5) T Acenaphthylene (C15.06)	8.382	101143	0.805 ug/ml
7) T Acenaphthene (C15.5)	8.677	105217	0.837 ug/ml
8) T Fluorene (C16.55)	9.458	125920	0.995 ug/ml
9) T Phenanthrene (C19.36)	10.855	1342535	10.393 ug/ml
10) T Anthracene (C19.43)	10.928	328504	2.667 ug/ml
12) T Fluoranthene (C21.85)	12.671	2223114	17.366 ug/ml
13) T Pyrene (C20.8)	12.967	1790577	14.103 ug/ml
14) T Benzo[a]anthracene (C...	14.838	1200889	10.407 ug/ml
15) T Chrysene (C27.41)	14.879	1099804	9.393 ug/ml
16) T benzo[b]fluoranthene ...	16.391	1296033	11.395 ug/ml
17) T Bnezo[k]fluoranthene ...	16.418	423443	3.956 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.768	874893	7.886 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.129	880797	8.545 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	242593	2.226 ug/ml
21) T Benzo[g,h,i]perylene ...	18.383	730410	6.684 ug/ml

(f)=RT Delta > 1/2 Window

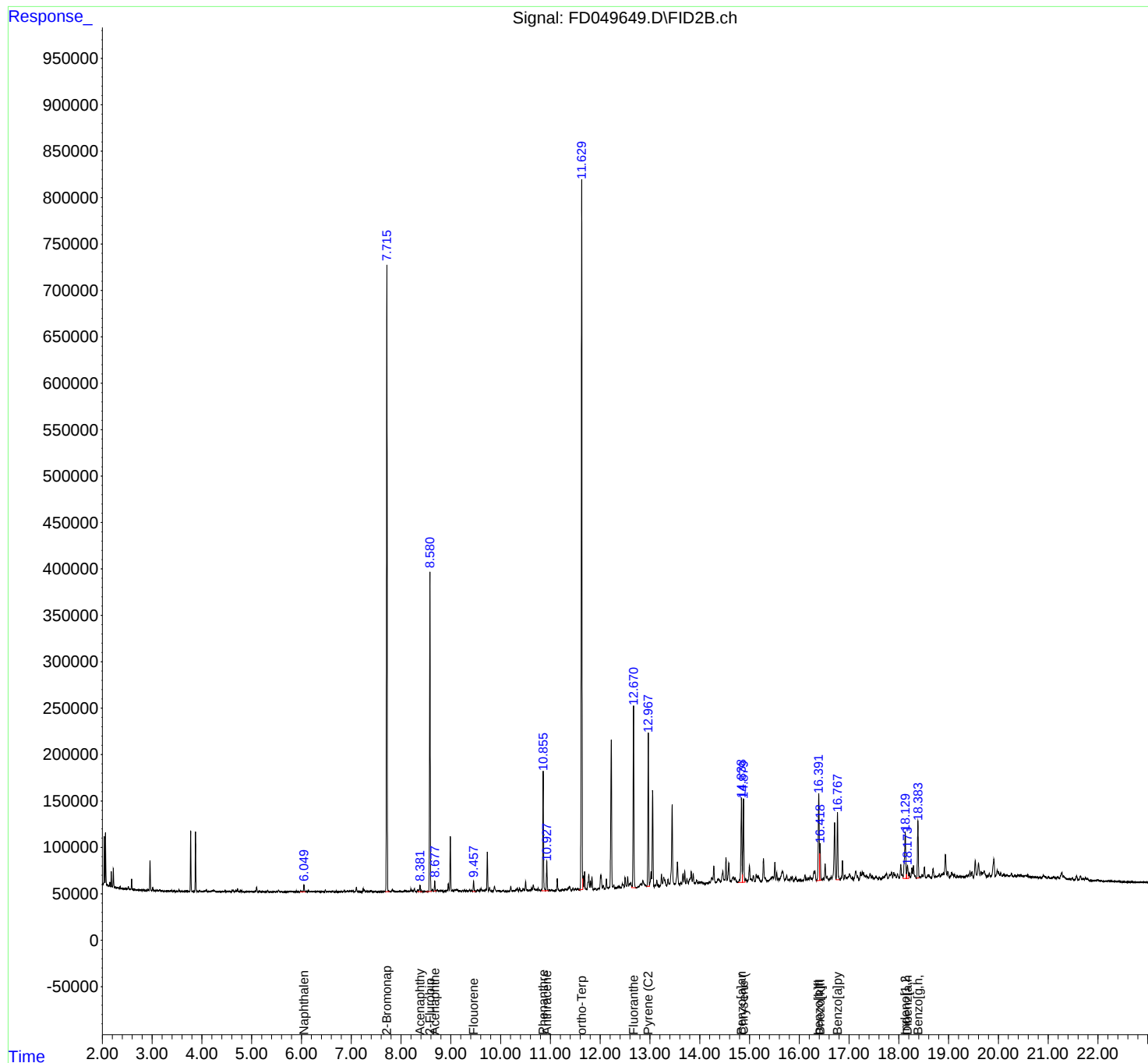
(m)=manual int.

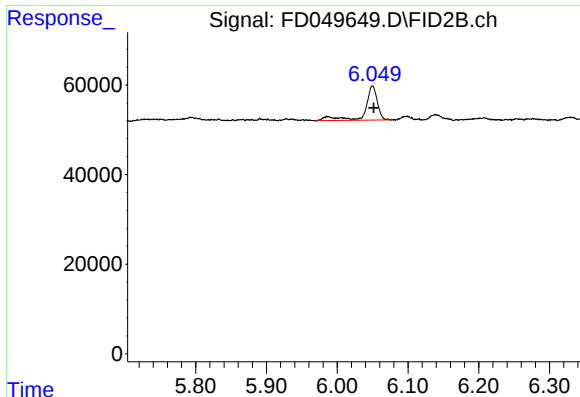
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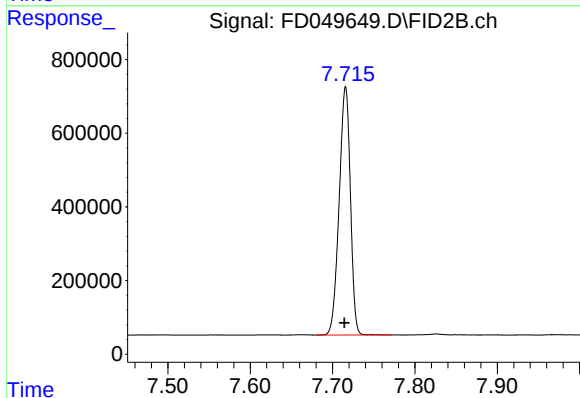




#2 Naphthalene (C11.7)

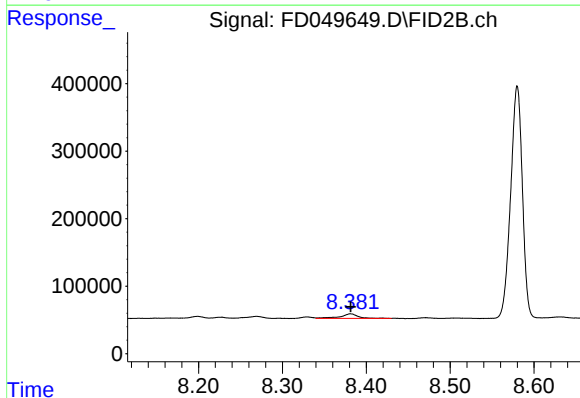
R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 90108
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S01



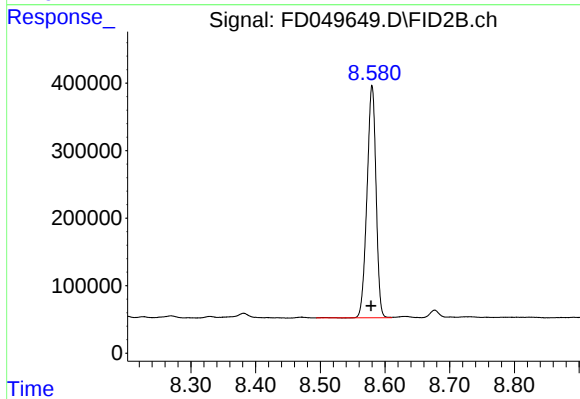
#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.001 min
Response: 6384780
Conc: 62.30 ug/ml



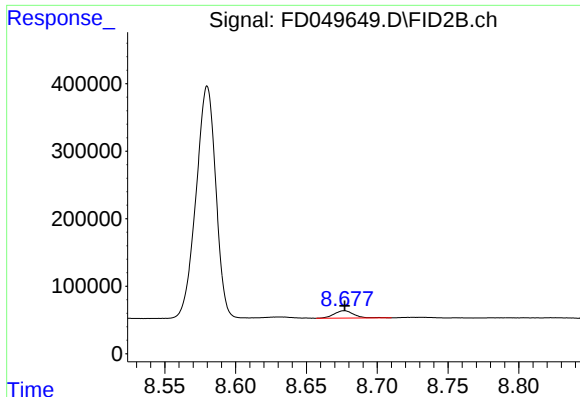
#5 Acenaphthylene (C15.06)

R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 101143
Conc: 0.80 ug/ml



#6 2-Fluorobiphenyl (SURR)

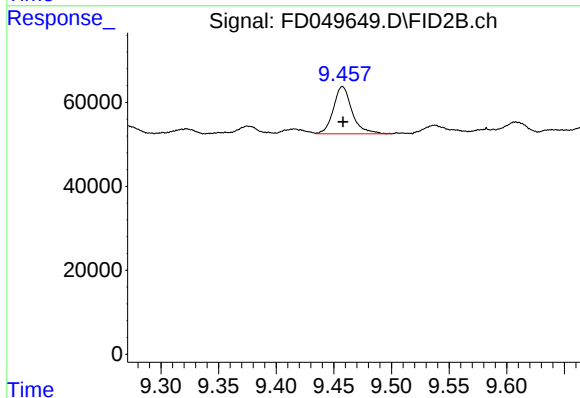
R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3346911
Conc: 45.82 ug/ml



#7 Acenaphthene (C15.5)

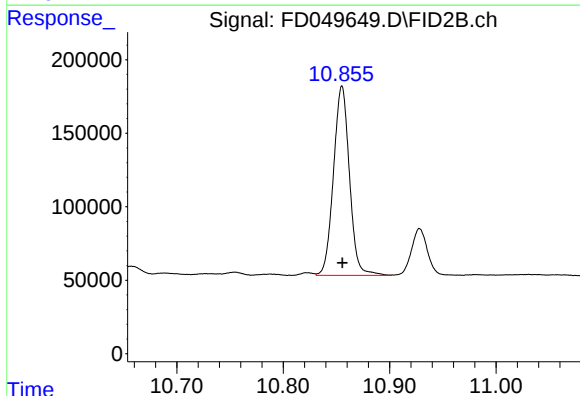
R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 105217
Conc: 0.84 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S01



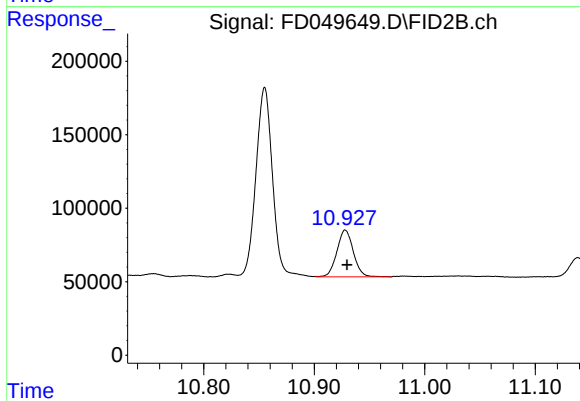
#8 Flouorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 125920
Conc: 0.99 ug/ml



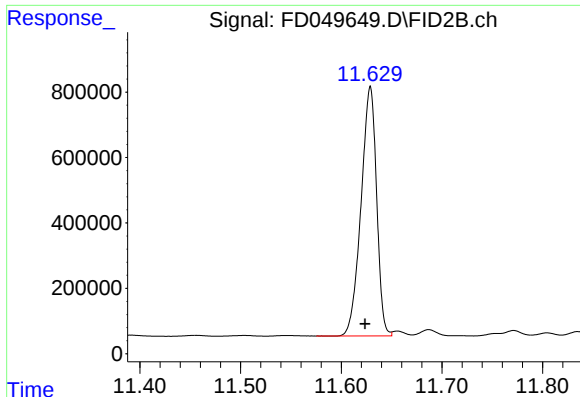
#9 Phenanthrene (C19.36)

R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 1342535
Conc: 10.39 ug/ml



#10 Anthracene (C19.43)

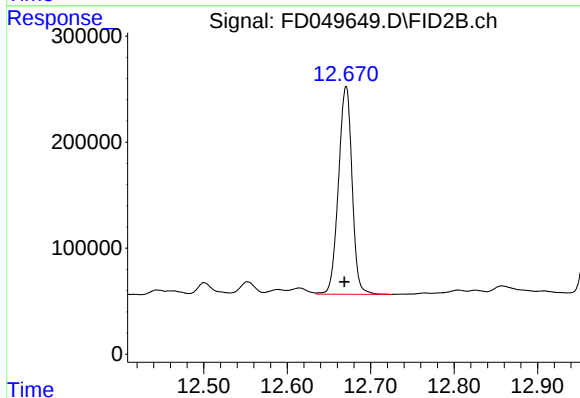
R.T.: 10.928 min
Delta R.T.: -0.002 min
Response: 328504
Conc: 2.67 ug/ml



#11 ortho-Terphenyl (SURR)

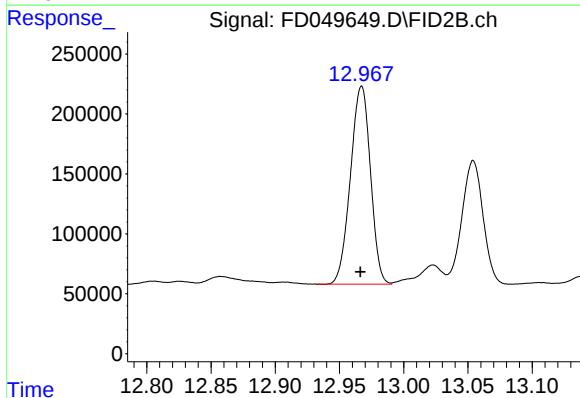
R.T.: 11.629 min
Delta R.T.: 0.005 min
Response: 8185651
Conc: 63.07 ug/ml

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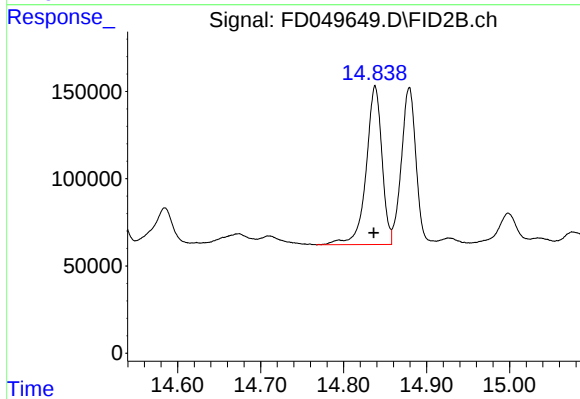
#12 Fluoranthene (C21.85)

R.T.: 12.671 min
Delta R.T.: 0.002 min
Response: 2223114
Conc: 17.37 ug/ml



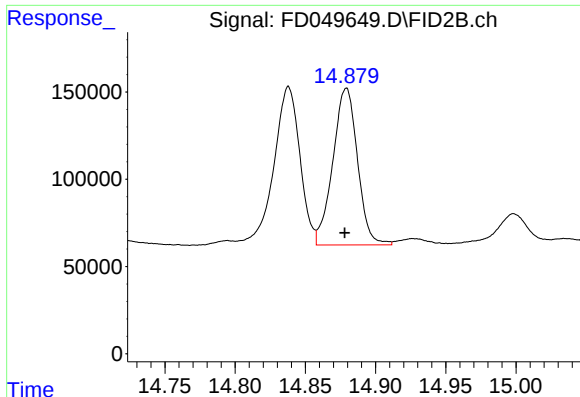
#13 Pyrene (C20.8)

R.T.: 12.967 min
Delta R.T.: 0.001 min
Response: 1790577
Conc: 14.10 ug/ml



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

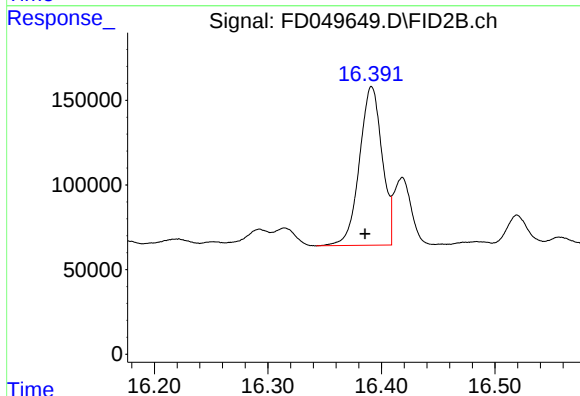
R.T.: 14.838 min
Delta R.T.: 0.002 min
Response: 1200889
Conc: 10.41 ug/ml



#15 Chrysene (C27.41)

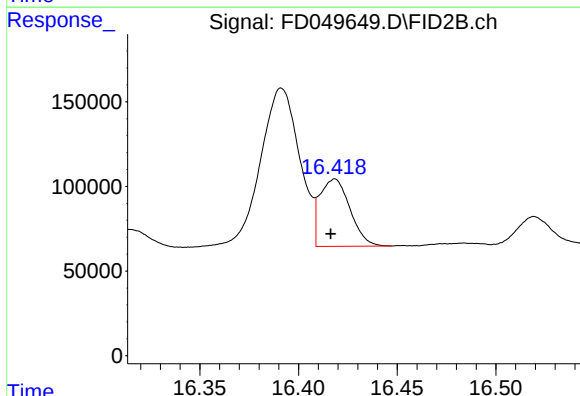
R.T.: 14.879 min
Delta R.T.: 0.001 min
Response: 1099804
Conc: 9.39 ug/ml

Instrument :
FID_D
ClientSampleId :
TG-S01



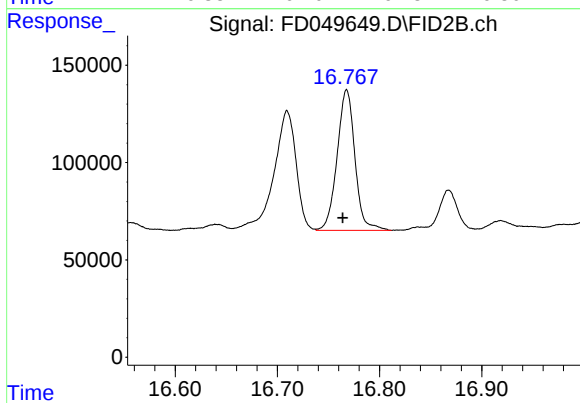
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.391 min
Delta R.T.: 0.006 min
Response: 1296033
Conc: 11.40 ug/ml



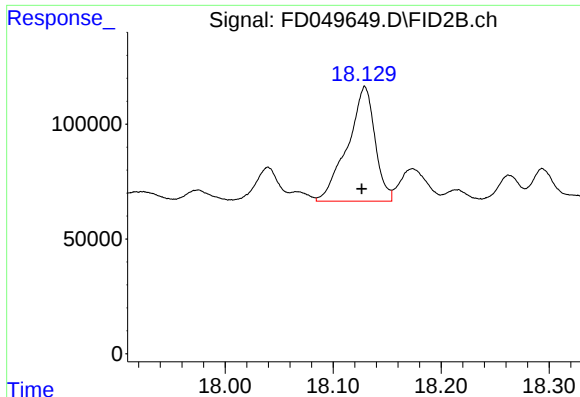
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.418 min
Delta R.T.: 0.002 min
Response: 423443
Conc: 3.96 ug/ml



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

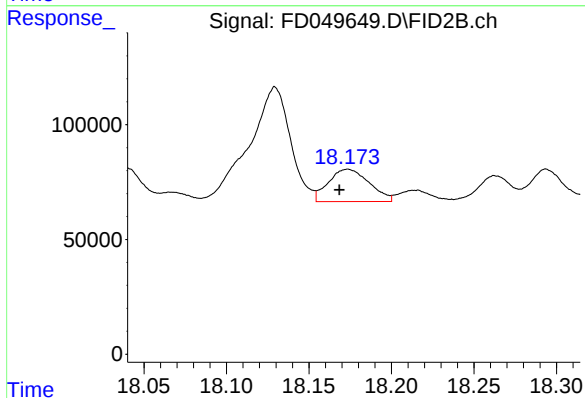
R.T.: 16.768 min
Delta R.T.: 0.004 min
Response: 874893
Conc: 7.89 ug/ml



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

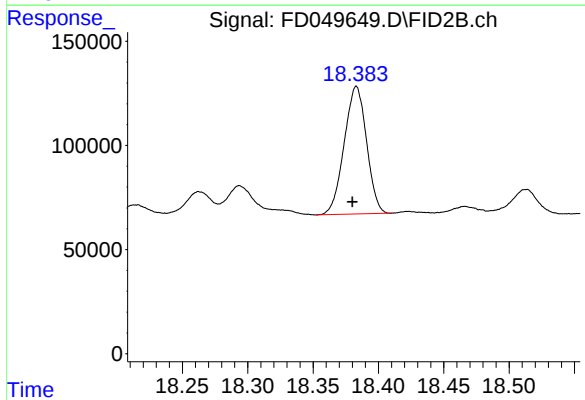
R.T.: 18.129 min
Delta R.T.: 0.003 min
Response: 880797
Conc: 8.54 ug/ml

Instrument :
FID_D
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TG-S01



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

R.T.: 18.174 min
Delta R.T.: 0.005 min
Response: 242593
Conc: 2.23 ug/ml



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

R.T.: 18.383 min
Delta R.T.: 0.003 min
Response: 730410
Conc: 6.68 ug/ml