

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047077.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 13:06
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 15:00:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 14:54:08 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...	7.472	8121170	48.478 ug/ml
Spiked Amount 50.000		Recovery =	96.96%
6) S 2-Fluorobiphenyl (SURR)	8.325	5201956	48.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.12%
11) S ortho-Terphenyl (SURR)	11.363	9331038	48.284 ug/ml
Spiked Amount 50.000		Recovery =	96.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	8666742	48.436 ug/ml
2) T Naphthalene (C11.7)	5.812	8938026	48.483 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	8968384	48.490 ug/ml
5) T Acenaphthylene (C15.06)	8.129	8180772	48.457 ug/ml
7) T Acenaphthene (C15.5)	8.425	8711786	48.403 ug/ml
8) T Fluorene (C16.55)	9.203	8246448	48.531 ug/ml
9) T Phenanthrene (C19.36)	10.591	7811657	48.511 ug/ml
10) T Anthracene (C19.43)	10.666	7257716	48.529 ug/ml
12) T Fluoranthene (C21.85)	12.395	7531832	48.358 ug/ml
13) T Pyrene (C20.8)	12.688	7313536	48.452 ug/ml
14) T Benzo[a]anthracene (C...	14.553	6183259	48.437 ug/ml
15) T Chrysene (C27.41)	14.595	6612136	47.757 ug/ml
16) T benzo[b]fluoranthene ...	16.095	6371319	48.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	6326255	48.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	6222817	48.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	5798664	48.558 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	5968916	48.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	6223811	48.368 ug/ml

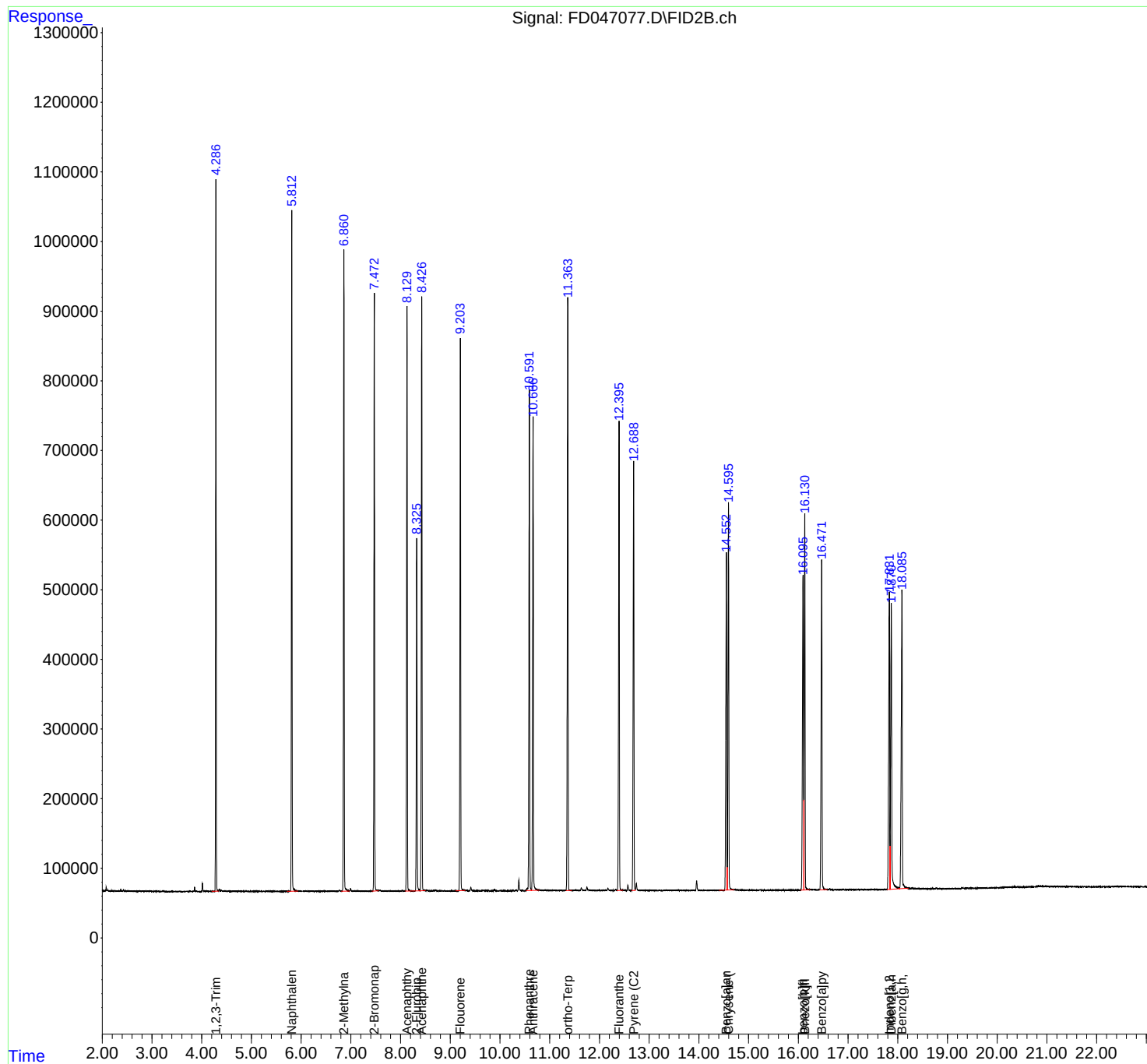
(f)=RT Delta > 1/2 Window

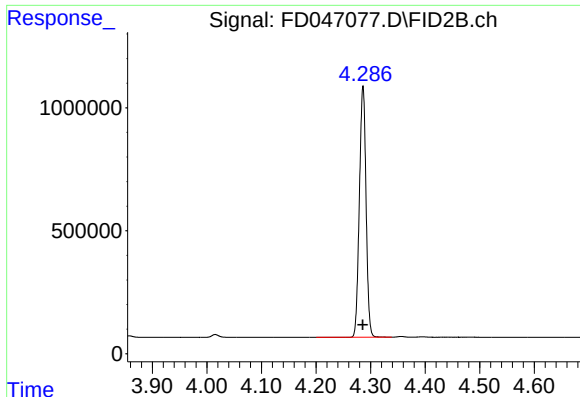
(m)=manual int.

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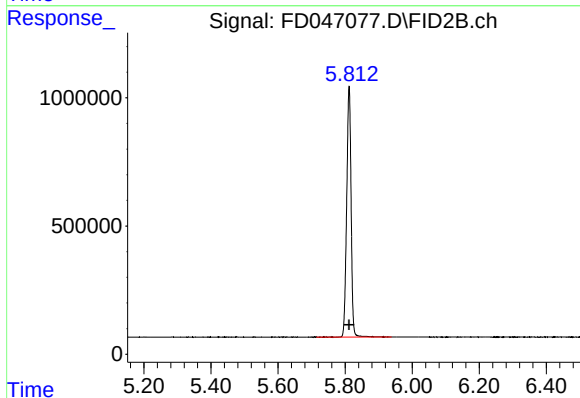
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





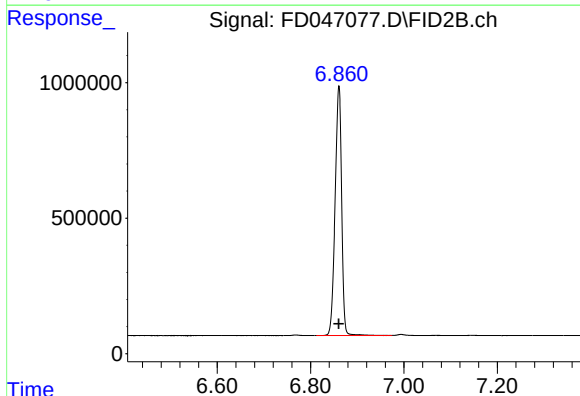
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 8666742
Conc: 48.44 ug/ml



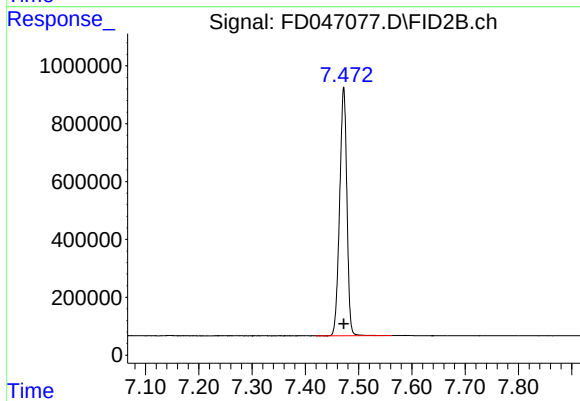
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 8938026
Conc: 48.48 ug/ml



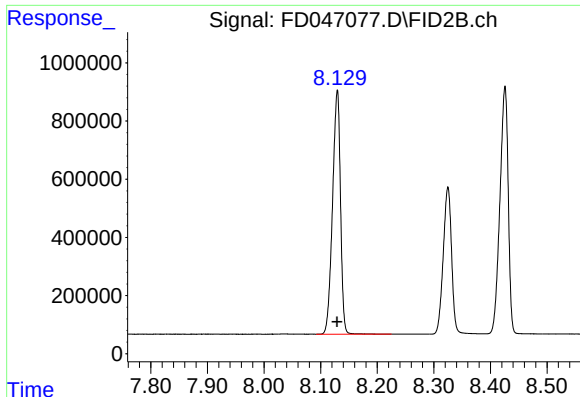
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 8968384
Conc: 48.49 ug/ml



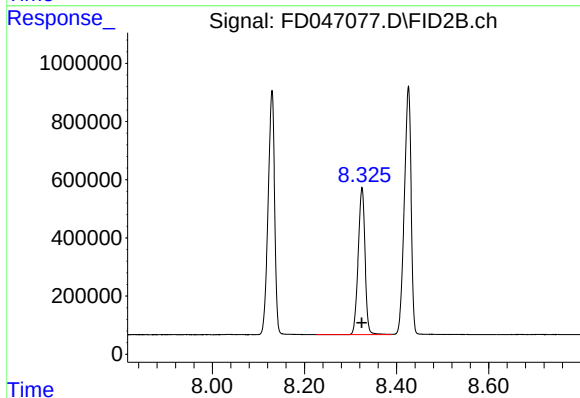
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 8121170
Conc: 48.48 ug/ml



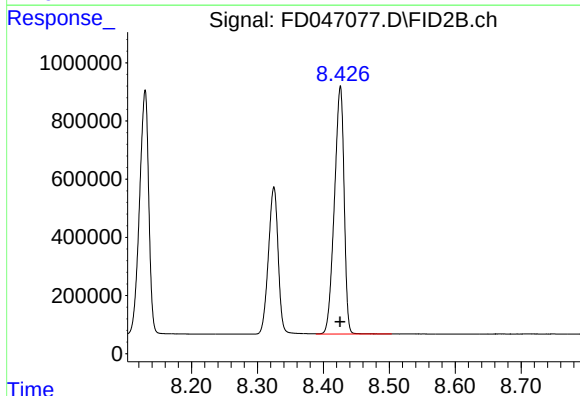
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 8180772
Conc: 48.46 ug/ml



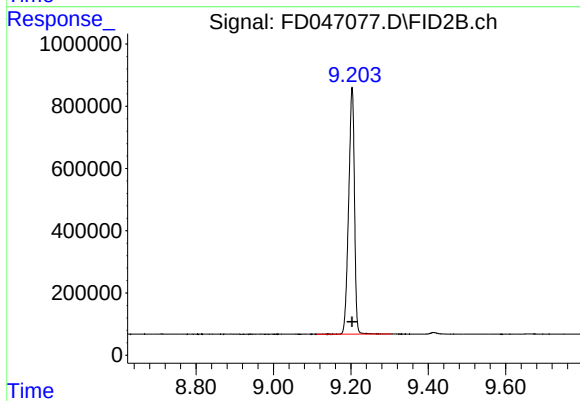
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 5201956
Conc: 48.56 ug/ml



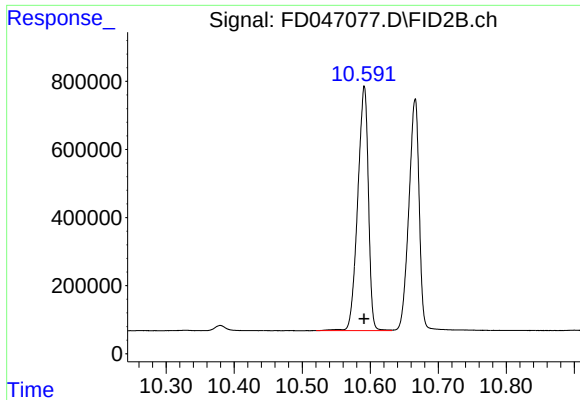
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: 0.000 min
Response: 8711786
Conc: 48.40 ug/ml



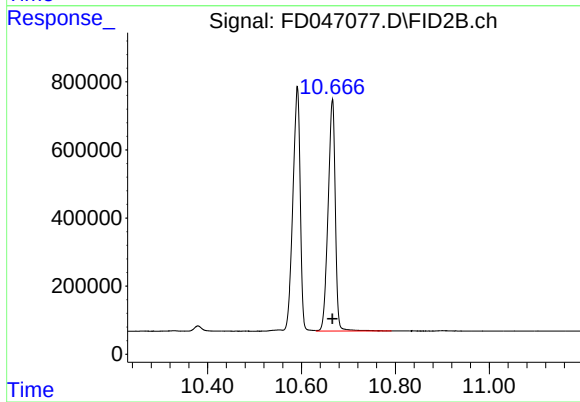
#8 Fluorene (C16.55)

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 8246448
Conc: 48.53 ug/ml



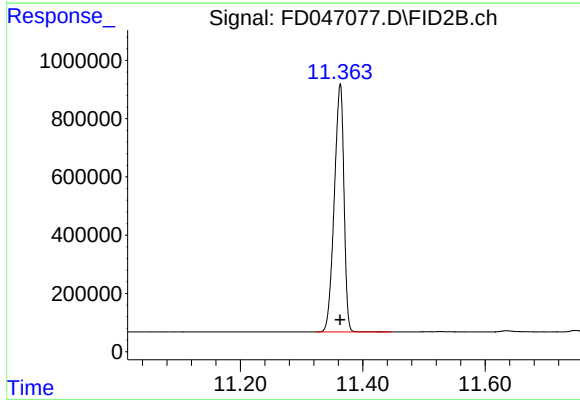
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: 0.000 min
Response: 7811657
Conc: 48.51 ug/ml



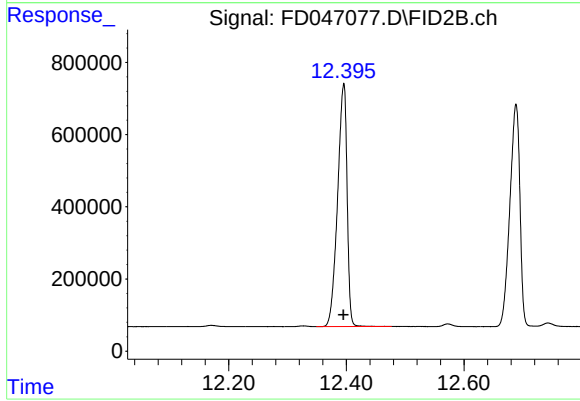
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: 0.000 min
Response: 7257716
Conc: 48.53 ug/ml



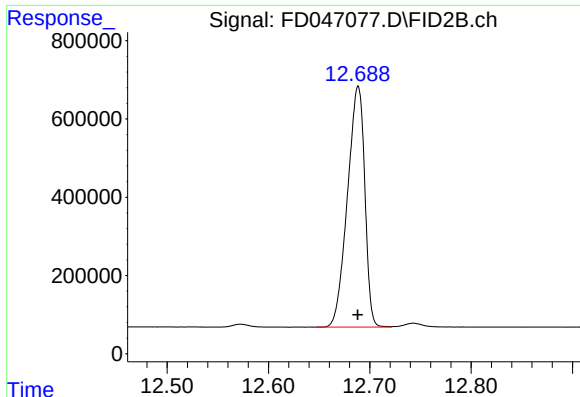
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.000 min
Response: 9331038
Conc: 48.28 ug/ml



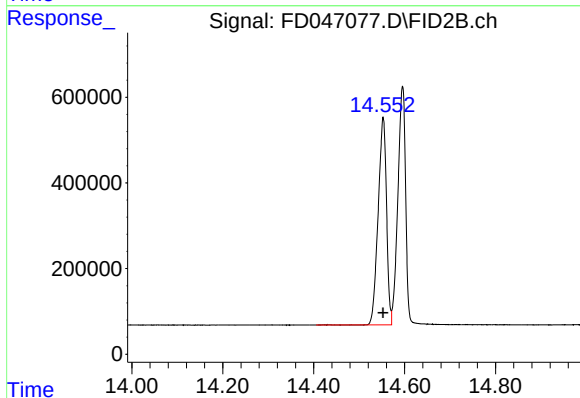
#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 7531832
Conc: 48.36 ug/ml



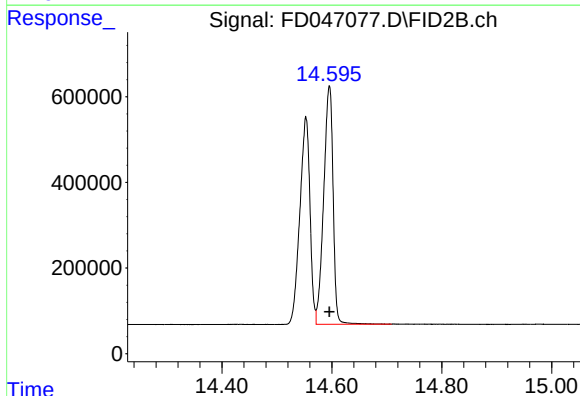
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.000 min
Response: 7313536
Conc: 48.45 ug/ml



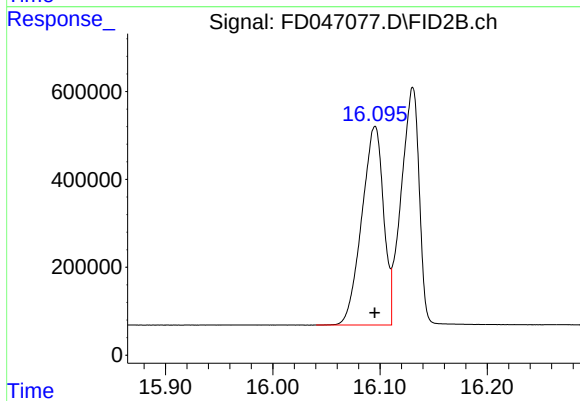
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 6183259
Conc: 48.44 ug/ml



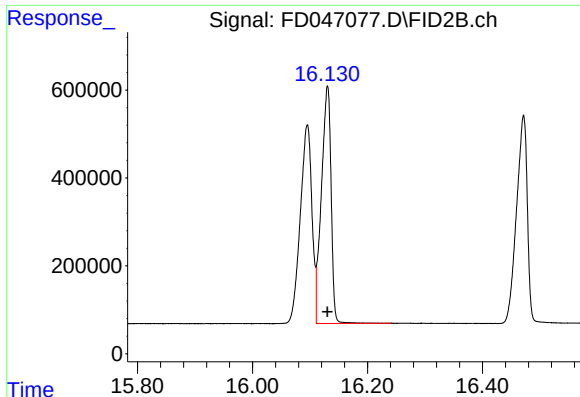
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.000 min
Response: 6612136
Conc: 47.76 ug/ml



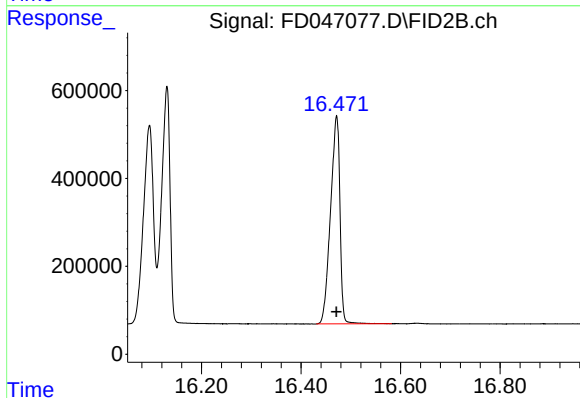
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: 0.000 min
Response: 6371319
Conc: 48.47 ug/ml



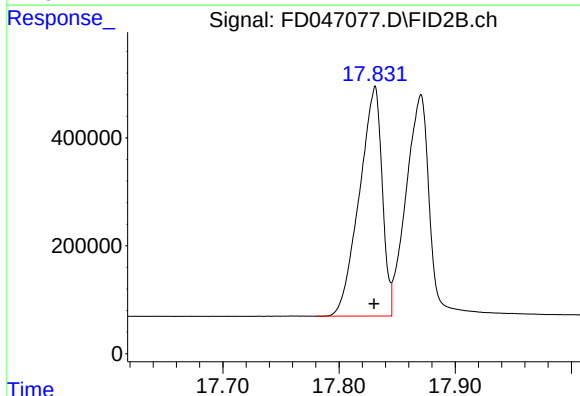
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.130 min
Delta R.T.: 0.000 min
Response: 6326255
Conc: 48.35 ug/ml



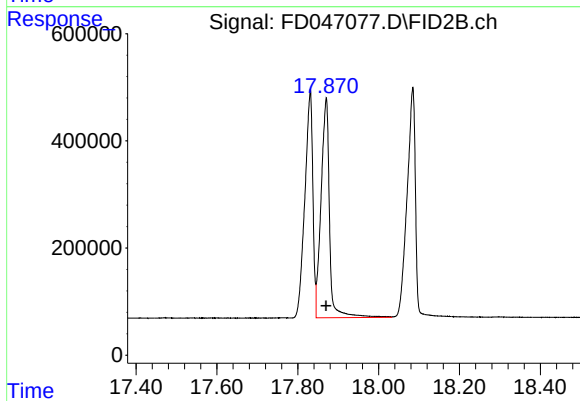
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.000 min
Response: 6222817
Conc: 48.42 ug/ml



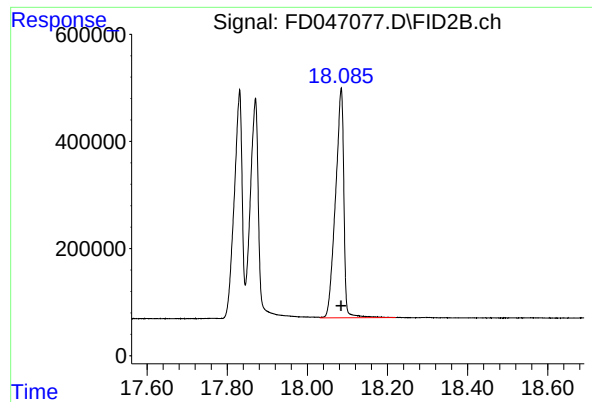
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.000 min
Response: 5798664
Conc: 48.56 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.000 min
Response: 5968916
Conc: 48.13 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 6223811
Conc: 48.37 ug/ml