

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081825AR\
 Data File : FD049639.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2025 10:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 18 12:28:10 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...	7.714	2512217	24.513 ug/ml
Spiked Amount 50.000		Recovery =	49.03%
6) S 2-Fluorobiphenyl (SURR)	8.579	1776484	24.320 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.64%
11) S ortho-Terphenyl (SURR)	11.625	3142853	24.214 ug/ml
Spiked Amount 50.000		Recovery =	48.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	2417779	23.886 ug/ml
2) T Naphthalene (C11.7)	6.050	2781465	24.258 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2906858	24.367 ug/ml
5) T Acenaphthylene (C15.06)	8.382	3057540	24.322 ug/ml
7) T Acenaphthene (C15.5)	8.678	3077333	24.475 ug/ml
8) T Fluorene (C16.55)	9.459	3074876	24.286 ug/ml
9) T Phenanthrene (C19.36)	10.857	3089600	23.917 ug/ml
10) T Anthracene (C19.43)	10.932	2769081	22.478 ug/ml
12) T Fluoranthene (C21.85)	12.672	3015779	23.558 ug/ml
13) T Pyrene (C20.8)	12.969	2982730	23.492 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2578415	22.344 ug/ml
15) T Chrysene (C27.41)	14.883	2655346	22.679 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2551308	22.432 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2385821	22.288 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2430450	21.908 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2244682	21.777 ug/ml
20) T Dibenz[a,h]anthracene...	18.173	2483109	22.781 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2407598	22.032 ug/ml

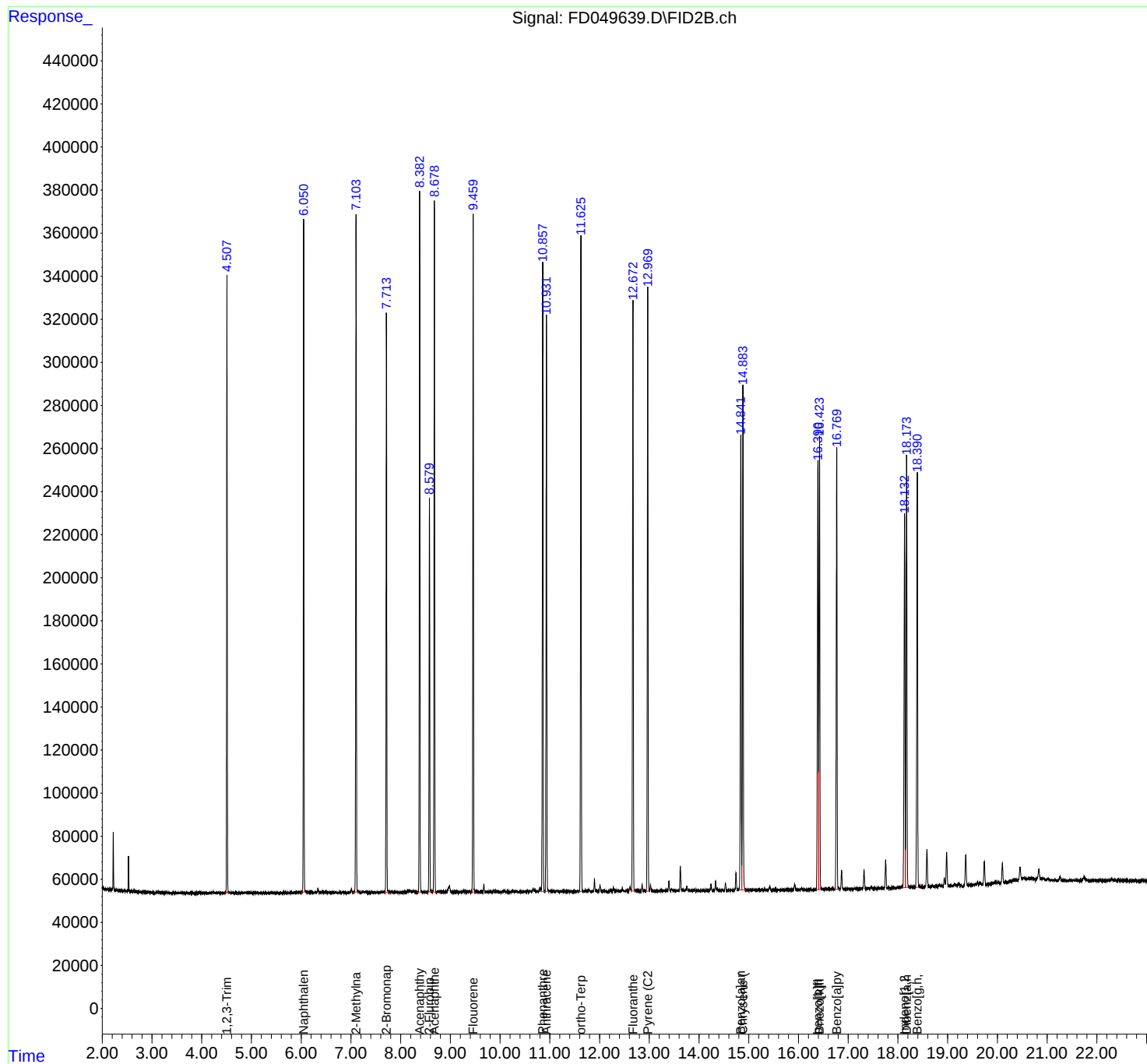
(f)=RT Delta > 1/2 Window

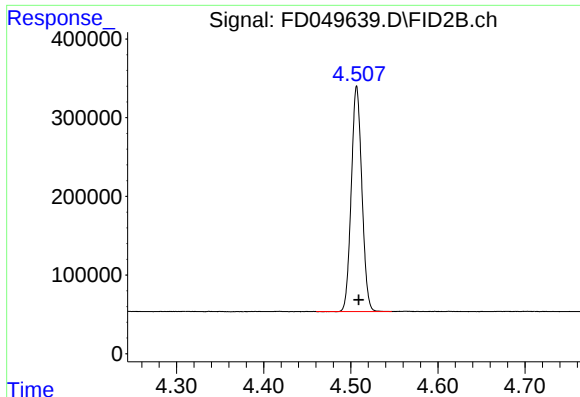
(m)=manual int.

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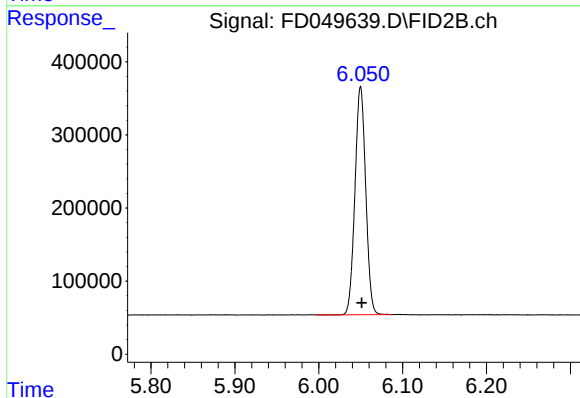
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





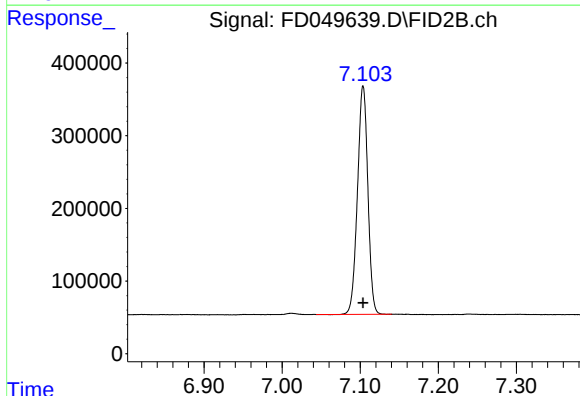
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 2417779
Conc: 23.89 ug/ml



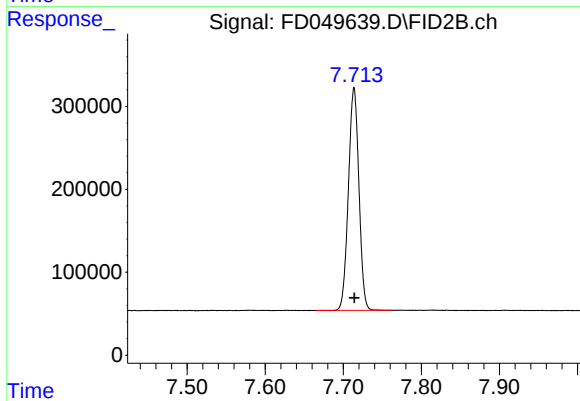
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 2781465
Conc: 24.26 ug/ml



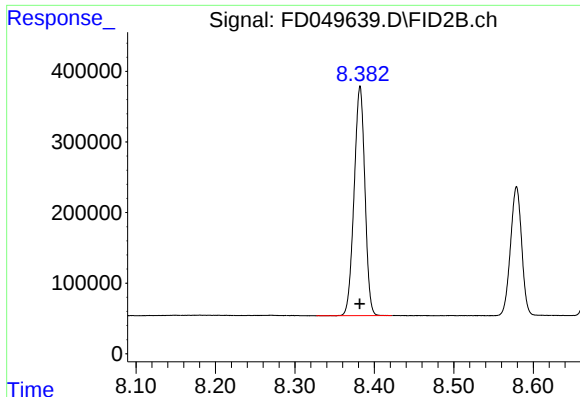
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 2906858
Conc: 24.37 ug/ml



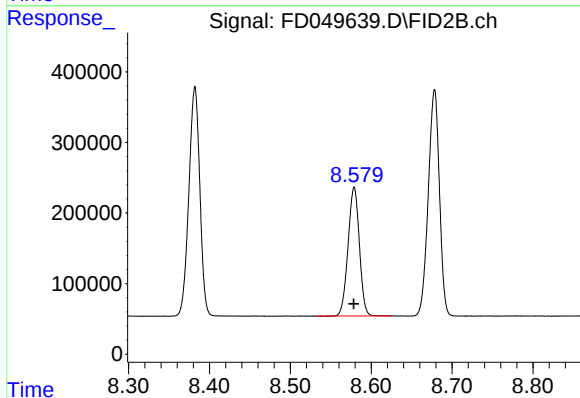
#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2512217
Conc: 24.51 ug/ml



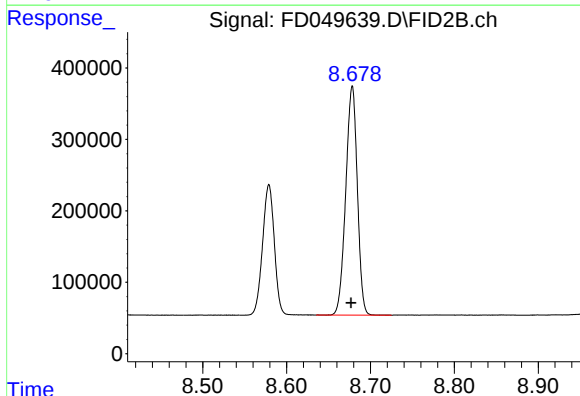
#5 Acenaphthylene (C15.06)

R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 3057540
Conc: 24.32 ug/ml



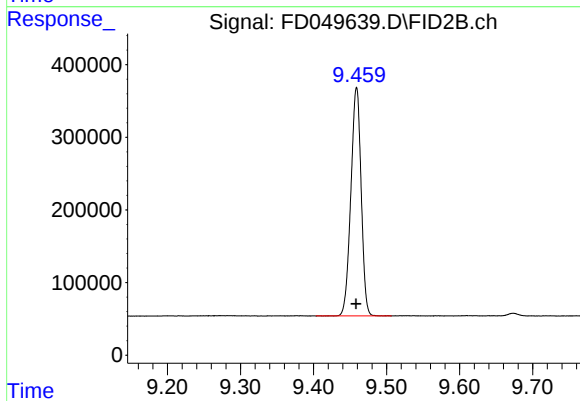
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1776484
Conc: 24.32 ug/ml



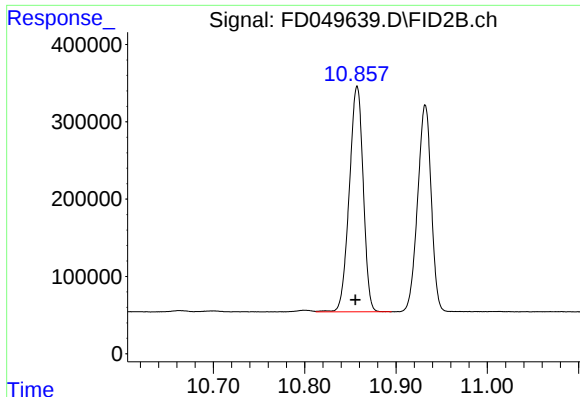
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.001 min
Response: 3077333
Conc: 24.47 ug/ml



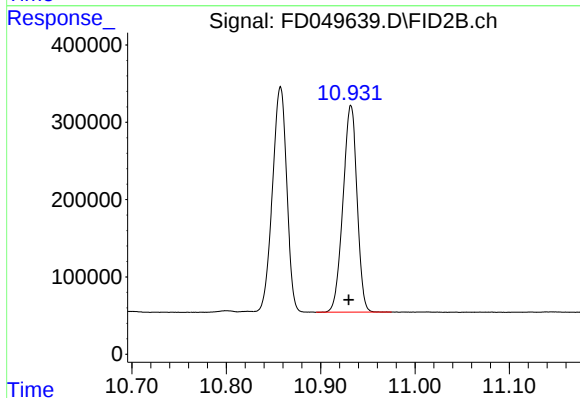
#8 Flouorene (C16.55)

R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 3074876
Conc: 24.29 ug/ml



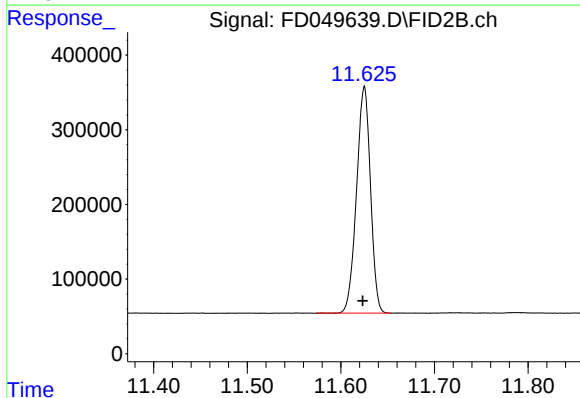
#9 Phenanthrene (C19.36)

R.T.: 10.857 min
Delta R.T.: 0.002 min
Response: 3089600
Conc: 23.92 ug/ml



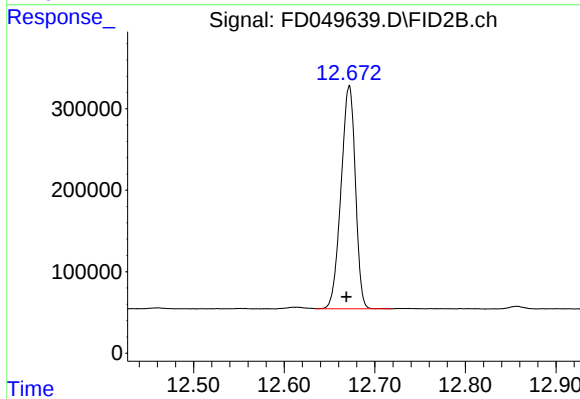
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.002 min
Response: 2769081
Conc: 22.48 ug/ml



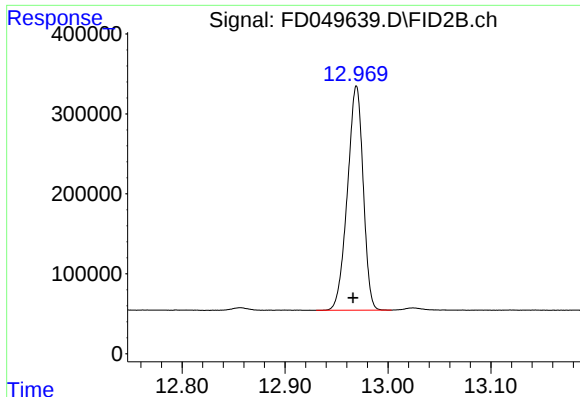
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.002 min
Response: 3142853
Conc: 24.21 ug/ml



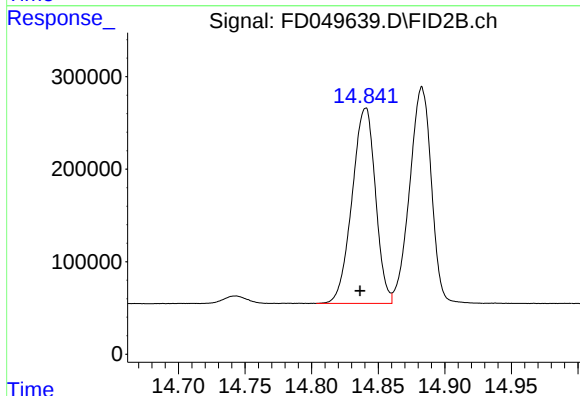
#12 Fluoranthene (C21.85)

R.T.: 12.672 min
Delta R.T.: 0.003 min
Response: 3015779
Conc: 23.56 ug/ml



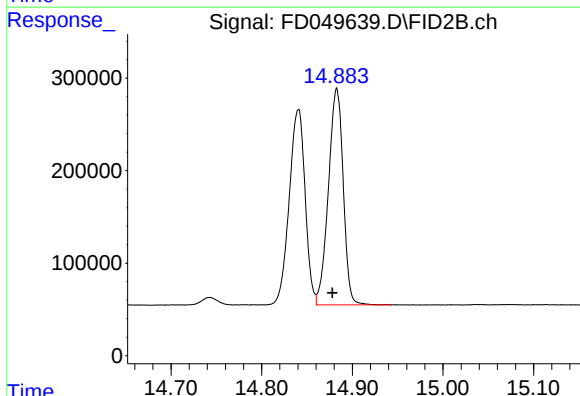
#13 Pyrene (C20.8)

R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2982730
Conc: 23.49 ug/ml



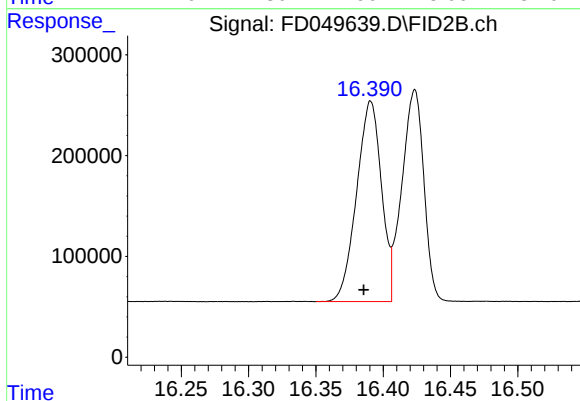
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.004 min
Response: 2578415
Conc: 22.34 ug/ml



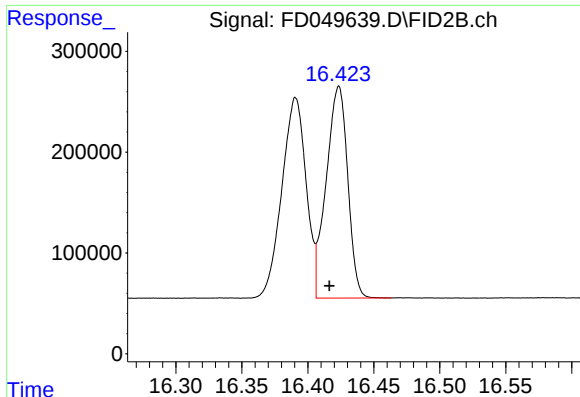
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2655346
Conc: 22.68 ug/ml



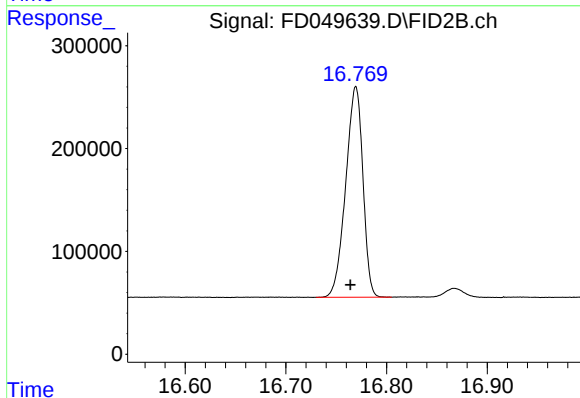
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.391 min
Delta R.T.: 0.005 min
Response: 2551308
Conc: 22.43 ug/ml



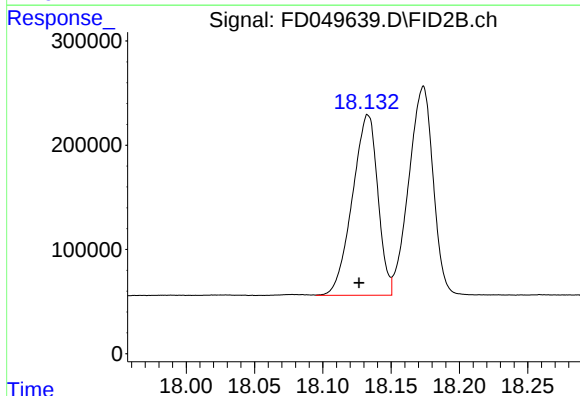
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2385821
Conc: 22.29 ug/ml



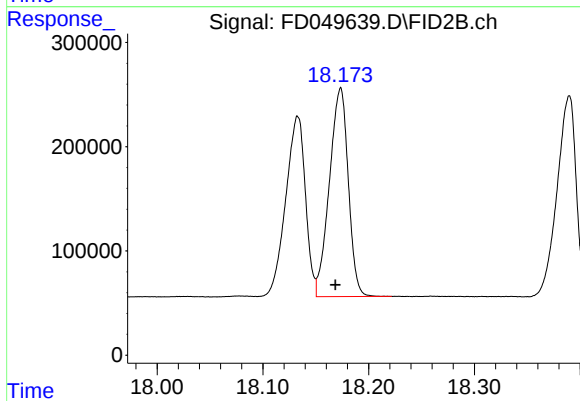
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.005 min
Response: 2430450
Conc: 21.91 ug/ml



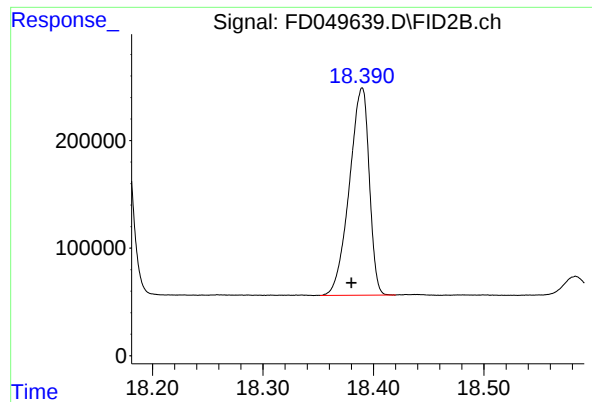
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2244682
Conc: 21.78 ug/ml



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

R.T.: 18.173 min
Delta R.T.: 0.005 min
Response: 2483109
Conc: 22.78 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 2407598
Conc: 22.03 ug/ml