

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122923AR\
 Data File : FD047105.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2023 18:59
 Operator : YP/AJ
 Sample : PB158166BSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 23:39:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.473	8605306	51.907 ug/ml
Spiked Amount 50.000		Recovery =	103.81%
6) S 2-Fluorobiphenyl (SURR)	8.325	4542738	43.593 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.19%
11) S ortho-Terphenyl (SURR)	11.365	9419964	48.780 ug/ml
Spiked Amount 50.000		Recovery =	97.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	5604751	31.064 ug/ml
2) T Naphthalene (C11.7)	5.811	6554634	35.610 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	6831493	37.219 ug/ml
5) T Acenaphthylene (C15.06)	8.130	7505875	44.747 ug/ml
7) T Acenaphthene (C15.5)	8.425	7260728	40.370 ug/ml
8) T Fluorene (C16.55)	9.203	7528906	45.423 ug/ml
9) T Phenanthrene (C19.36)	10.593	7606406	48.764 ug/ml
10) T Anthracene (C19.43)	10.668	7283089	50.281 ug/ml
12) T Fluoranthene (C21.85)	12.397	7900523	52.192 ug/ml
13) T Pyrene (C20.8)	12.692	7906475	53.910 ug/ml
14) T Benzo[a]anthracene (C...	14.556	6844357	55.618 ug/ml
15) T Chrysene (C27.41)	14.598	6988930	49.788 ug/ml
16) T benzo[b]fluoranthene ...	16.099	6807569	52.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	6754751	50.785 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	6426148	50.569 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	6339071	57.179 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	6151791	48.145 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	6259839	48.861 ug/ml

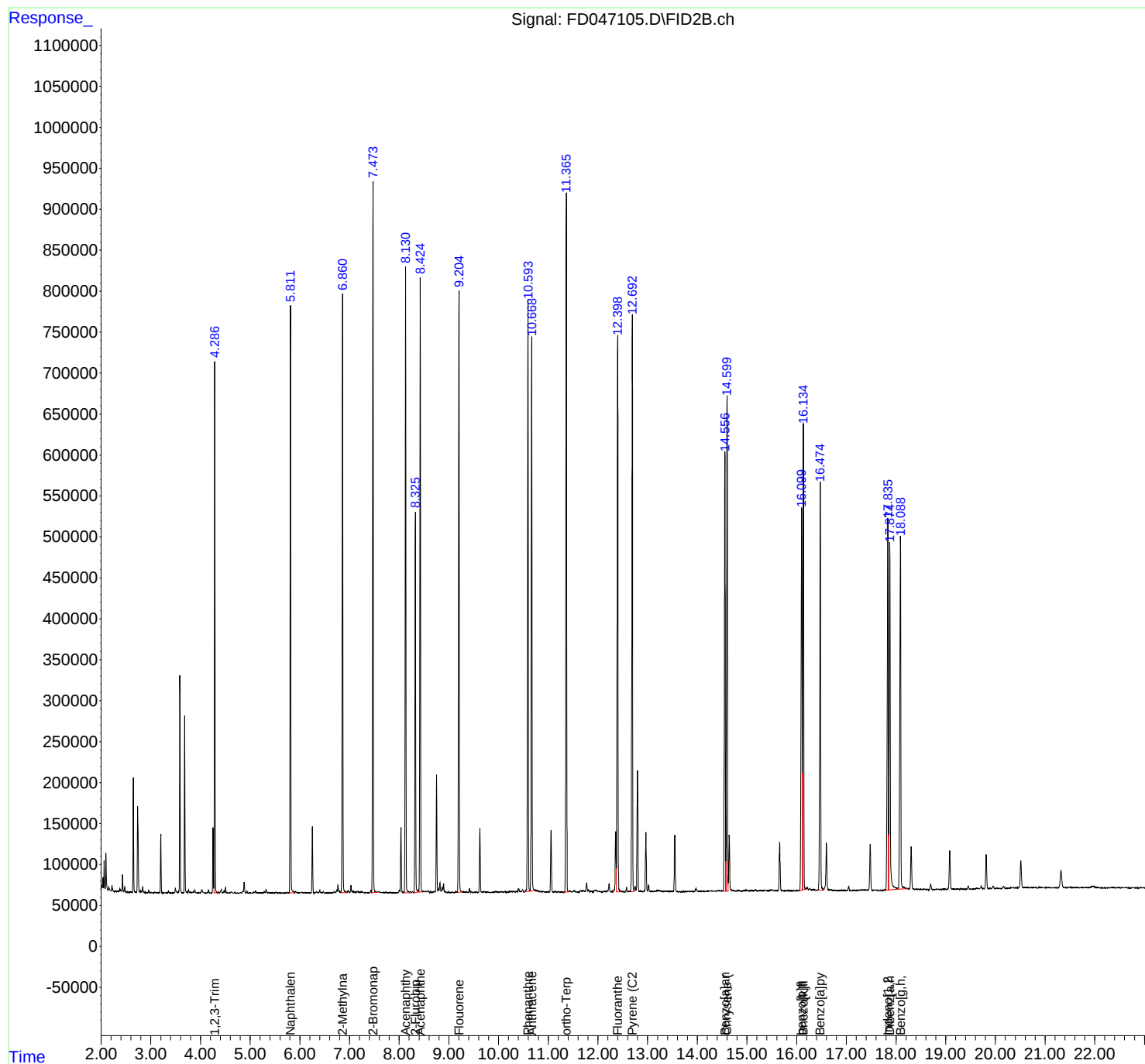
(f)=RT Delta > 1/2 Window

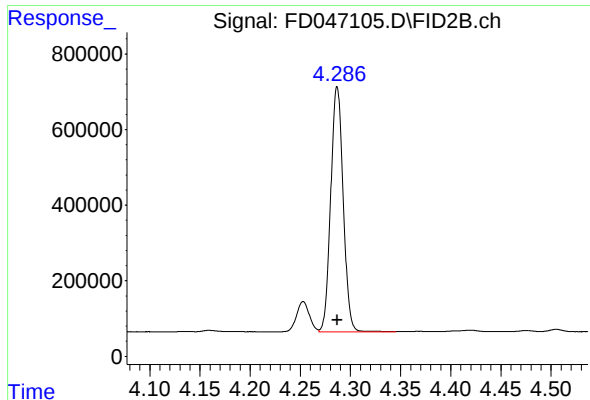
(m)=manual int.

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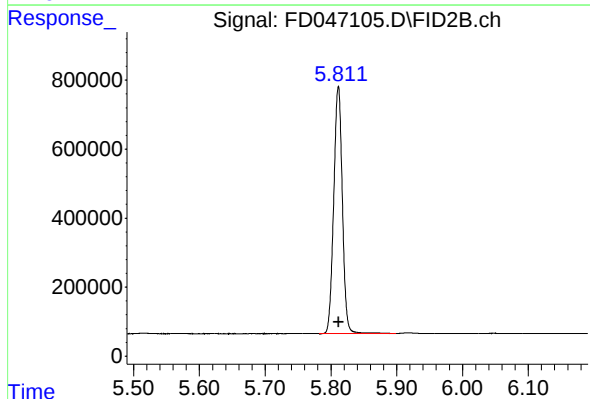
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Signal Info : 20M x 0.18mm x 0.18µm





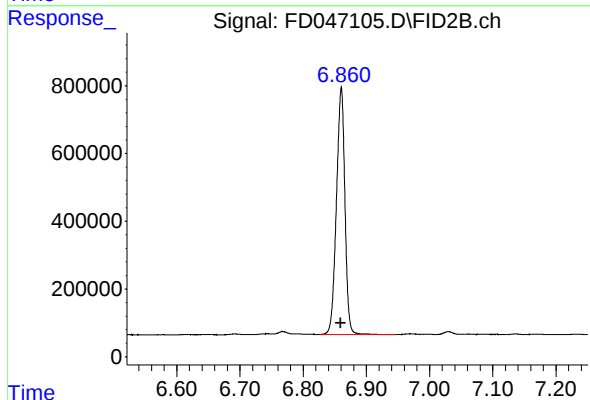
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 5604751
Conc: 31.06 ug/ml



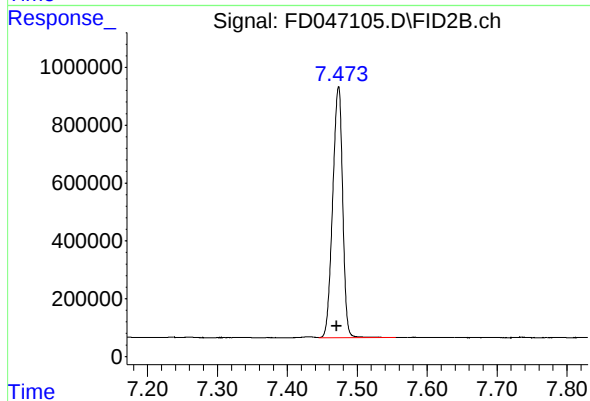
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 6554634
Conc: 35.61 ug/ml



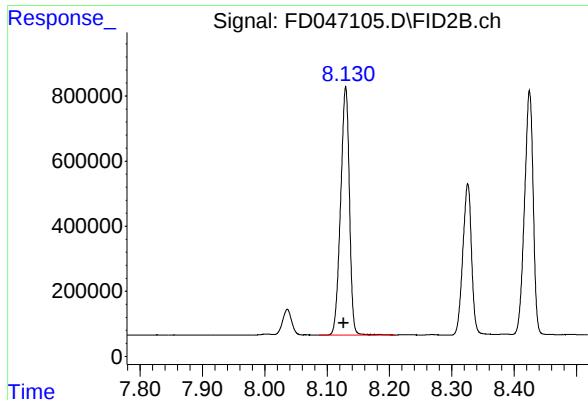
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 6831493
Conc: 37.22 ug/ml



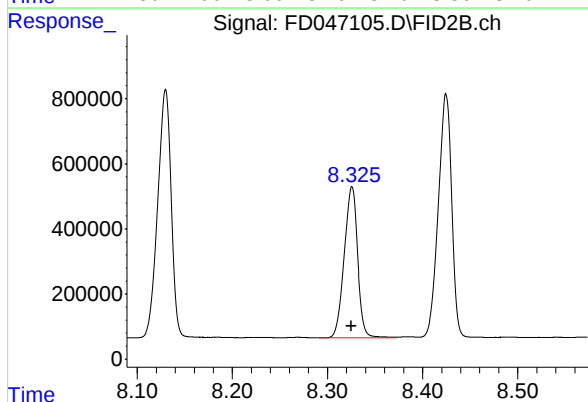
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: 0.002 min
Response: 8605306
Conc: 51.91 ug/ml



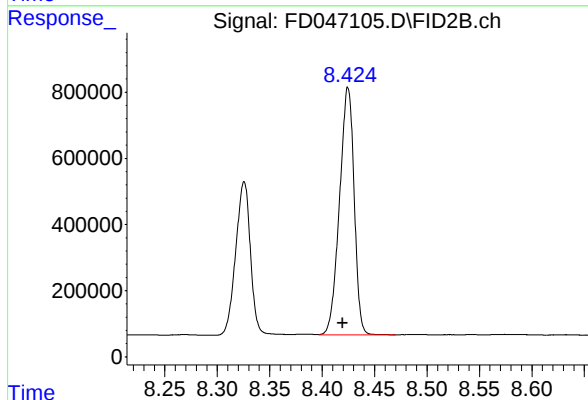
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: 0.003 min
Response: 7505875
Conc: 44.75 ug/ml



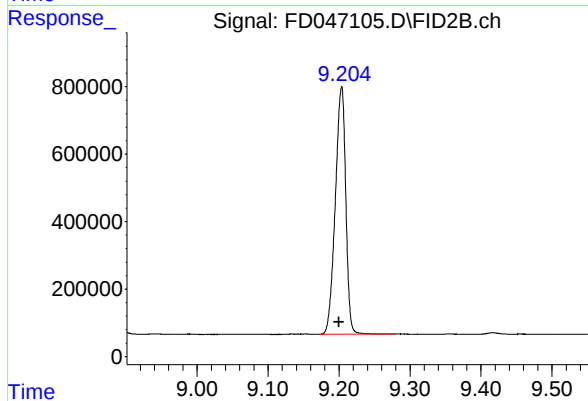
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 4542738
Conc: 43.59 ug/ml



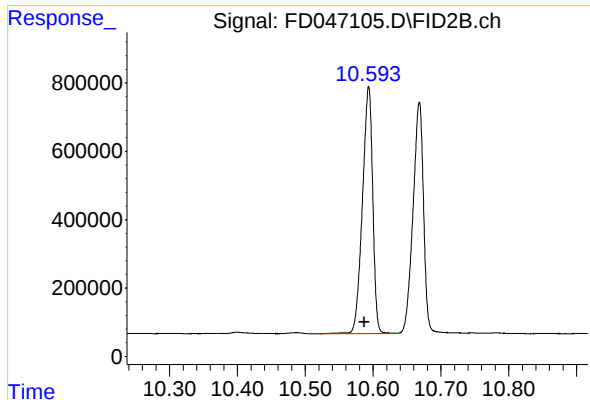
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: 0.005 min
Response: 7260728
Conc: 40.37 ug/ml



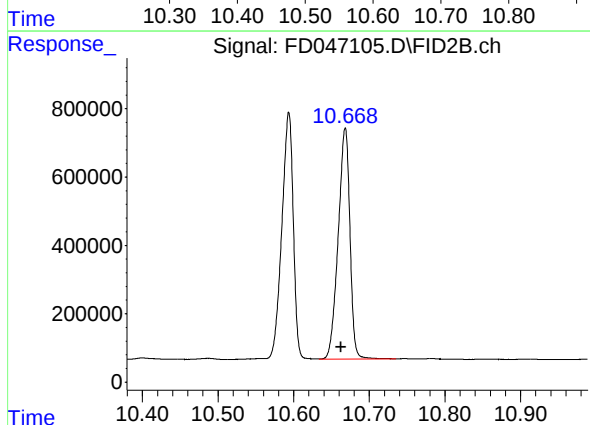
#8 Flouorene (C16.55)

R.T.: 9.203 min
Delta R.T.: 0.003 min
Response: 7528906
Conc: 45.42 ug/ml



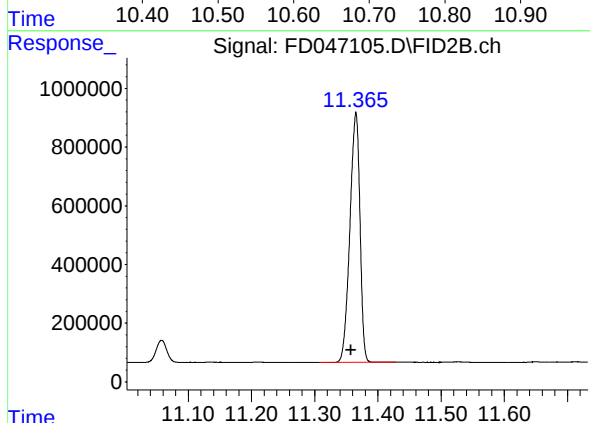
#9 Phenanthrene (C19.36)

R.T.: 10.593 min
Delta R.T.: 0.006 min
Response: 7606406
Conc: 48.76 ug/ml



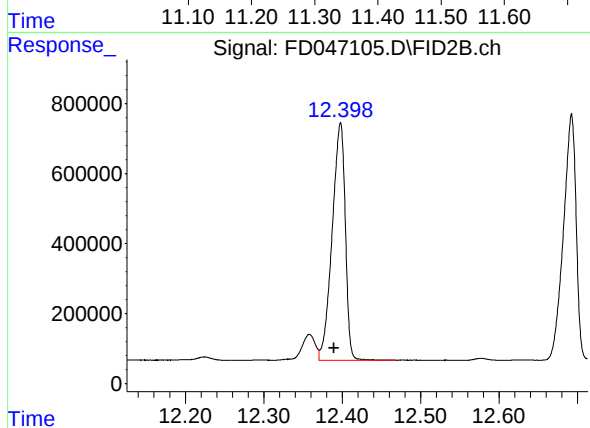
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: 0.006 min
Response: 7283089
Conc: 50.28 ug/ml



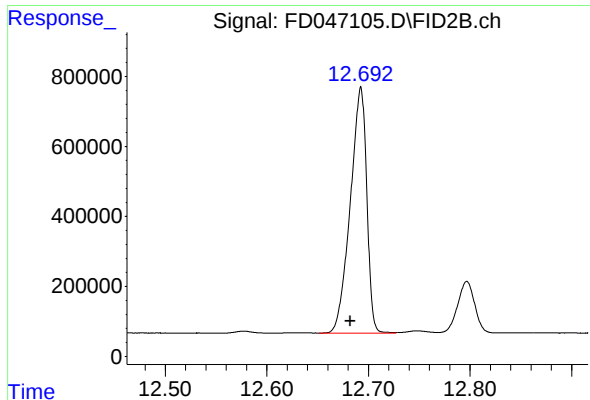
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min
Delta R.T.: 0.007 min
Response: 9419964
Conc: 48.78 ug/ml



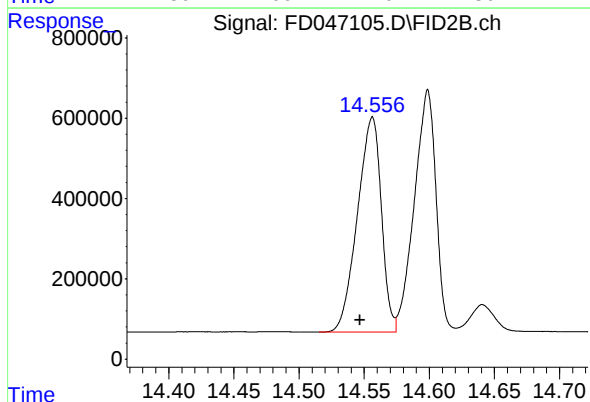
#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: 0.008 min
Response: 7900523
Conc: 52.19 ug/ml



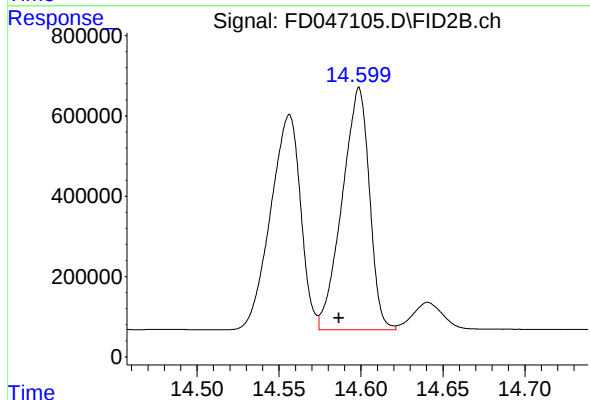
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: 0.010 min
Response: 7906475
Conc: 53.91 ug/ml



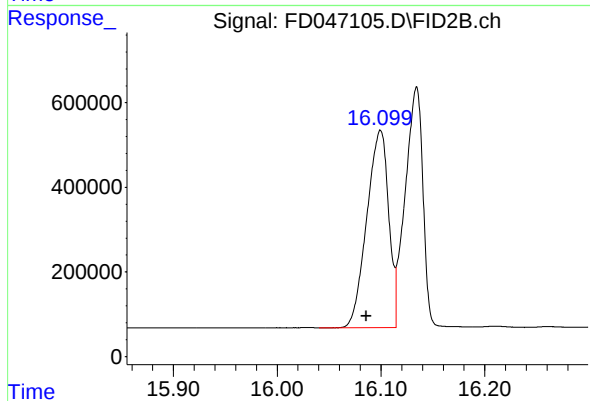
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.009 min
Response: 6844357
Conc: 55.62 ug/ml



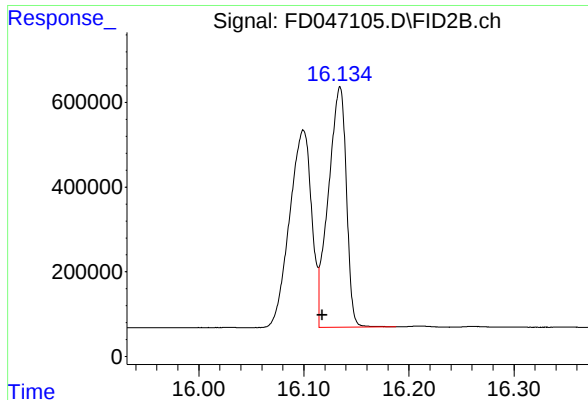
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.012 min
Response: 6988930
Conc: 49.79 ug/ml



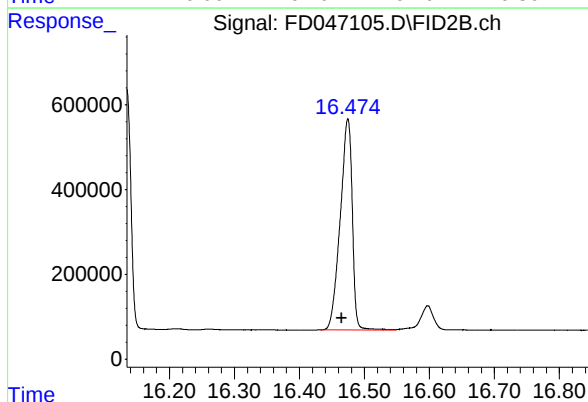
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: 0.013 min
Response: 6807569
Conc: 52.85 ug/ml



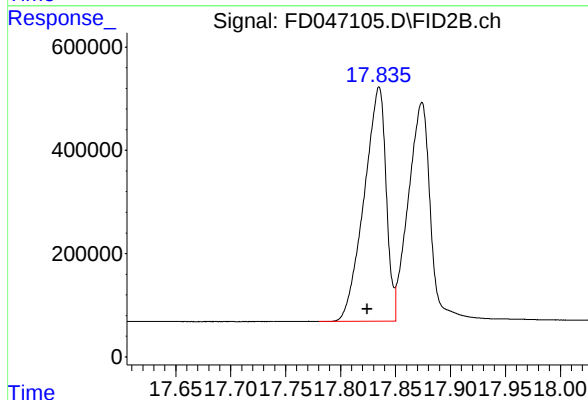
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.134 min
Delta R.T.: 0.016 min
Response: 6754751
Conc: 50.79 ug/ml



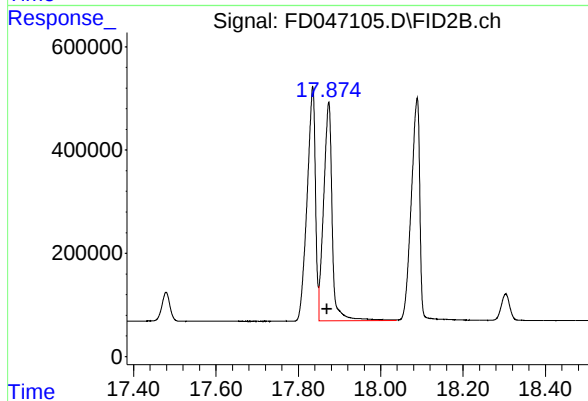
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: 0.009 min
Response: 6426148
Conc: 50.57 ug/ml



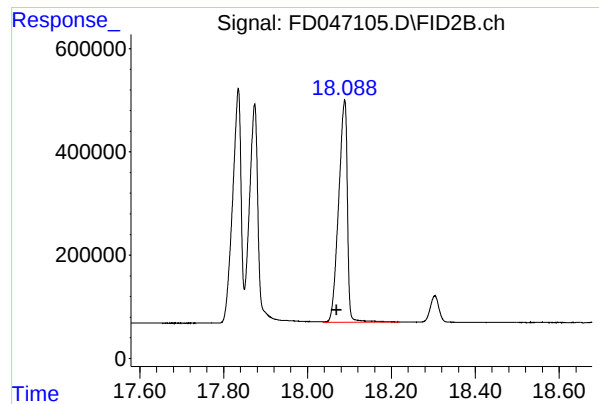
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: 0.010 min
Response: 6339071
Conc: 57.18 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.003 min
Response: 6151791
Conc: 48.15 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.018 min
Response: 6259839
Conc: 48.86 ug/ml