

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080522AR\
 Data File : FD043504.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2022 17:56
 Operator : YP/AJ
 Sample : PB146778BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:27:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.615	5737897	40.564 ug/ml
Spiked Amount 50.000		Recovery =	81.13%
6) S 2-Fluorobiphenyl (SURR)	8.479	3860848	40.612 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.22%
11) S ortho-Terphenyl (SURR)	11.523	4947720	29.192 ug/ml
Spiked Amount 50.000		Recovery =	58.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	4315480	27.515 ug/ml
2) T Naphthalene (C11.7)	5.949	4880666	30.185 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	5051388	34.499 ug/ml
5) T Acenaphthylene (C15.06)	8.281	4933071	30.387 ug/ml
7) T Acenaphthene (C15.5)	8.578	5283872	32.683 ug/ml
8) T Flouorene (C16.55)	9.359	5257154	33.550 ug/ml
9) T Phenanthrene (C19.36)	10.757	5178570	33.043 ug/ml
10) T Anthracene (C19.43)	10.832	5139740	33.371 ug/ml
12) T Fluoranthene (C21.85)	12.571	4998236	31.557 ug/ml
13) T Pyrene (C20.8)	12.869	4973520	31.647 ug/ml
14) T Benzo[a]anthracene (C...	14.743	4674042	31.682 ug/ml
15) T Chrysene (C27.41)	14.786	5029631	32.187 ug/ml
16) T benzo[b]fluoranthene ...	16.298	4781406	31.964 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	4694057	31.282 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	4262177	30.154 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	4725344	39.983 ug/ml
20) T Dibenz[a,h]anthracene...	18.083	4477585	31.568 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	4556121	35.035 ug/ml

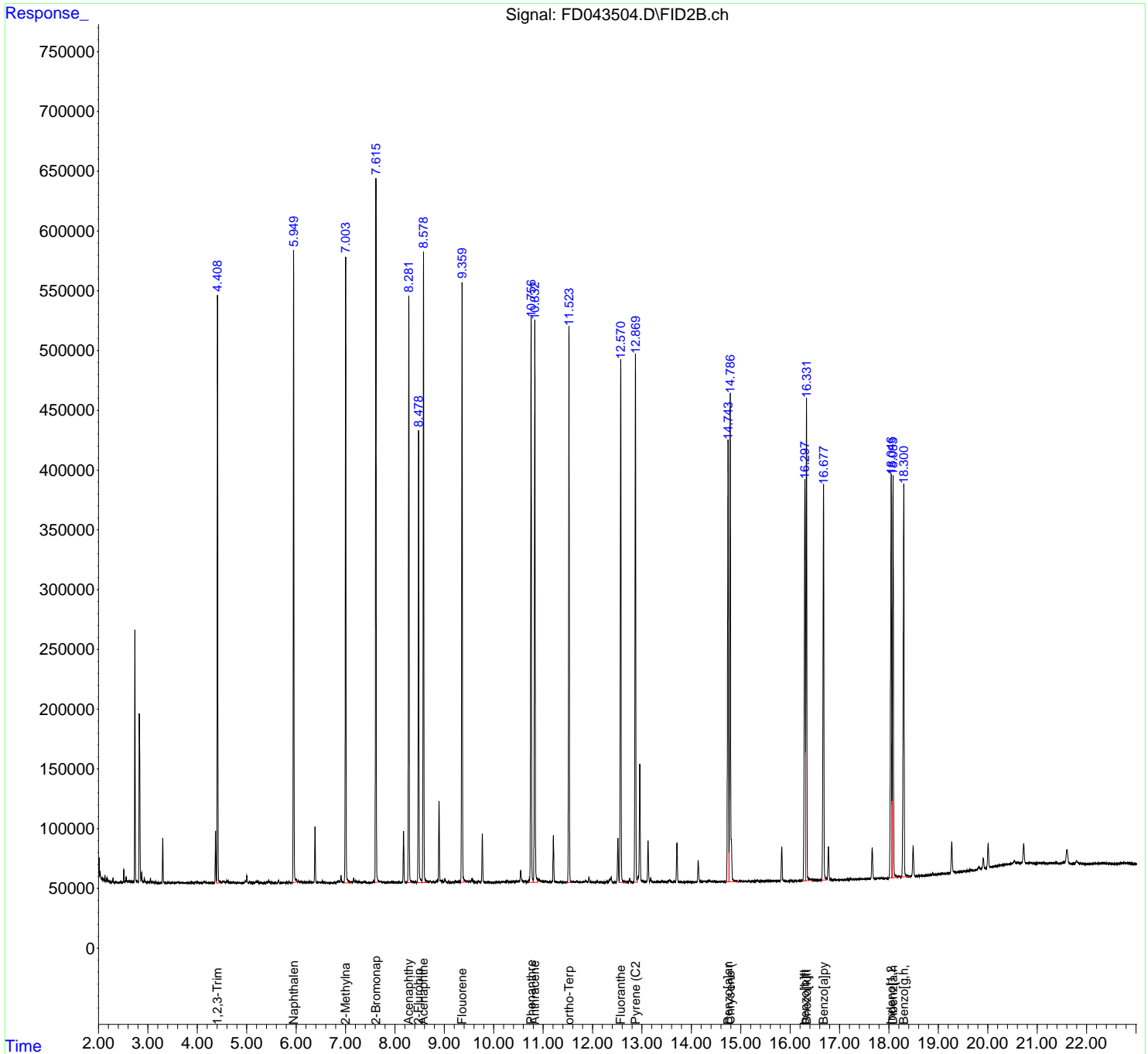
(f)=RT Delta > 1/2 Window

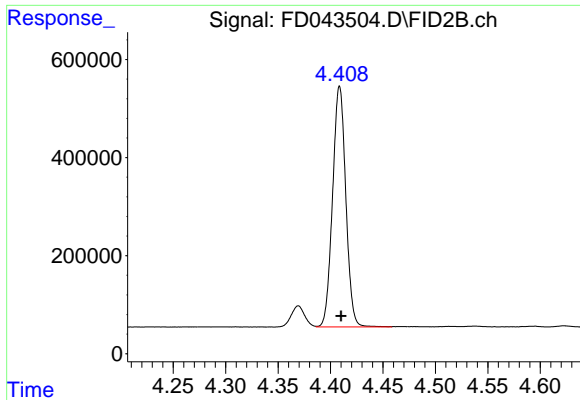
(m)=manual int.

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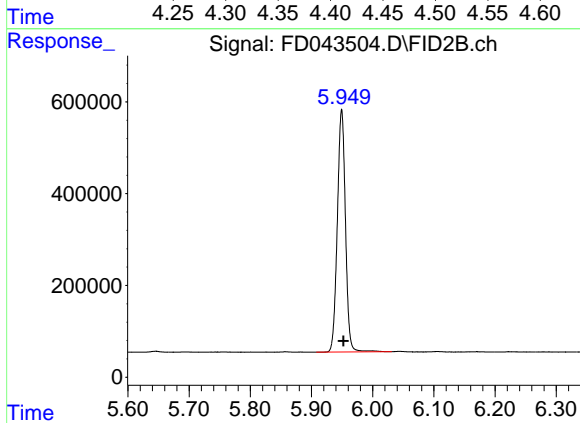
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 Signal Info : 20M x 0.18mm x 0.18µm





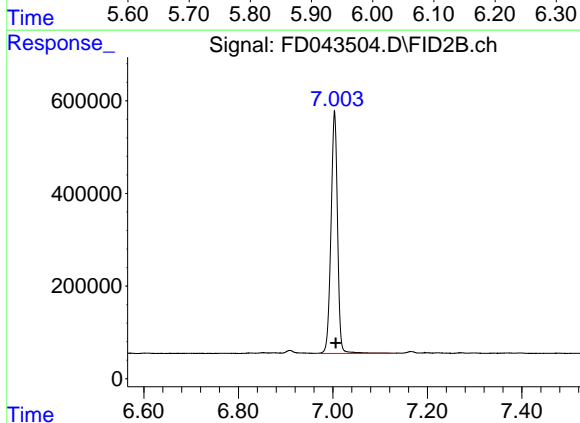
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 4315480
Conc: 27.52 ug/ml



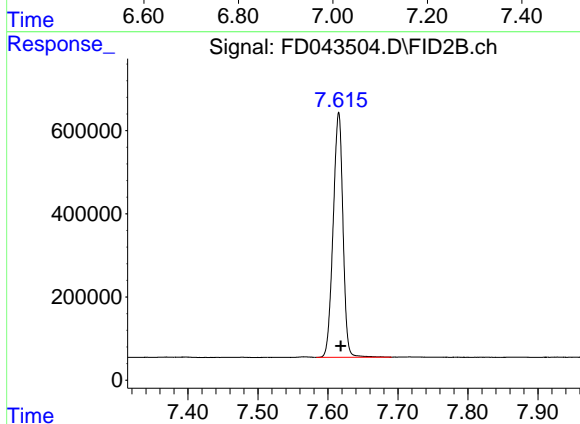
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 4880666
Conc: 30.19 ug/ml



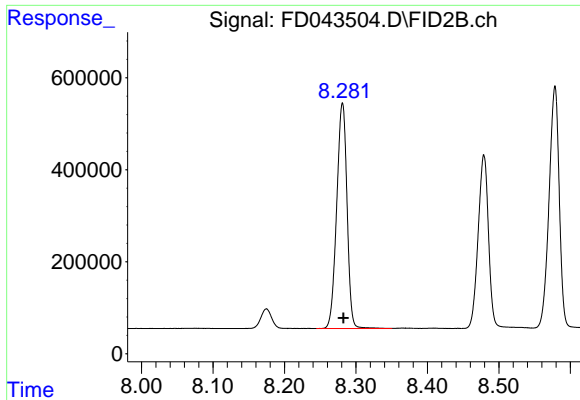
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 5051388
Conc: 34.50 ug/ml

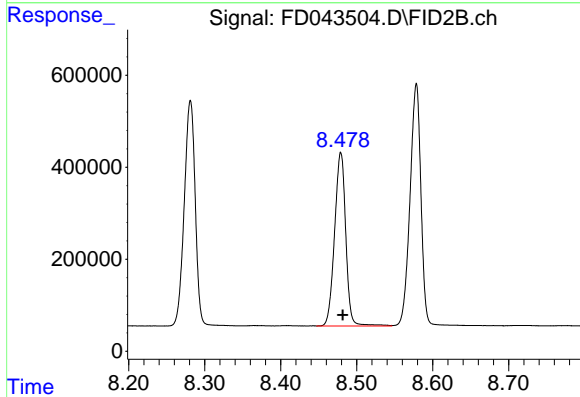


#4 2-Bromonaphthalene (SURR)

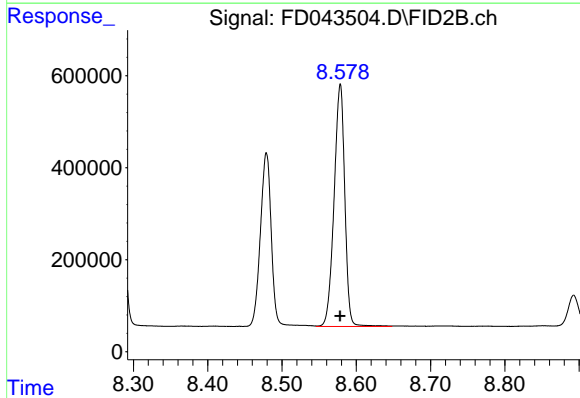
R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 5737897
Conc: 40.56 ug/ml



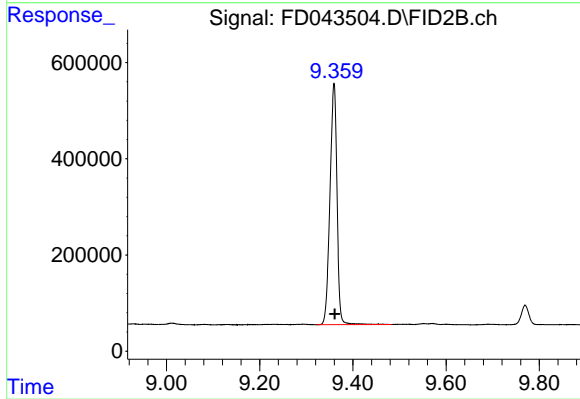
#5 Acenaphthylene (C15.06)
R.T.: 8.281 min
Delta R.T.: -0.001 min
Response: 4933071
Conc: 30.39 ug/ml



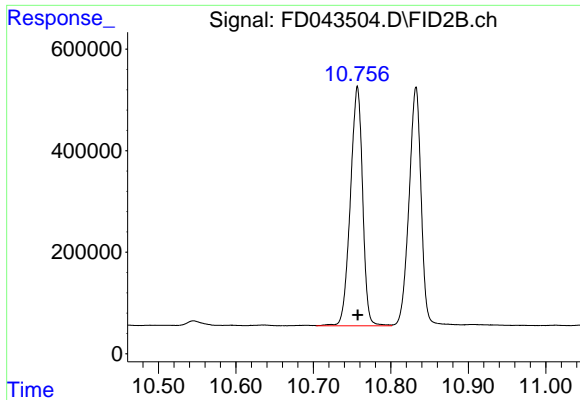
#6 2-Fluorobiphenyl (SURR)
R.T.: 8.479 min
Delta R.T.: -0.003 min
Response: 3860848
Conc: 40.61 ug/ml



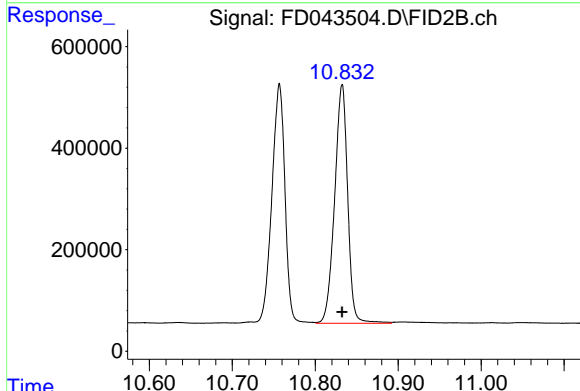
#7 Acenaphthene (C15.5)
R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 5283872
Conc: 32.68 ug/ml



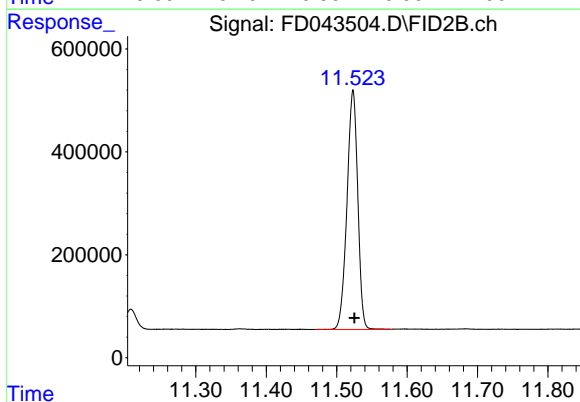
#8 Fluorene (C16.55)
R.T.: 9.359 min
Delta R.T.: -0.002 min
Response: 5257154
Conc: 33.55 ug/ml



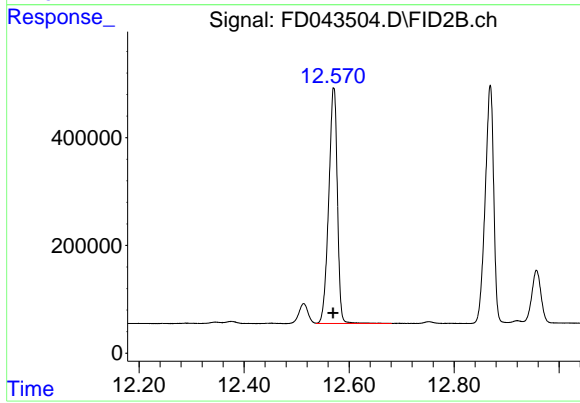
#9 Phenanthrene (C19.36)
R.T.: 10.757 min
Delta R.T.: 0.000 min
Response: 5178570
Conc: 33.04 ug/ml



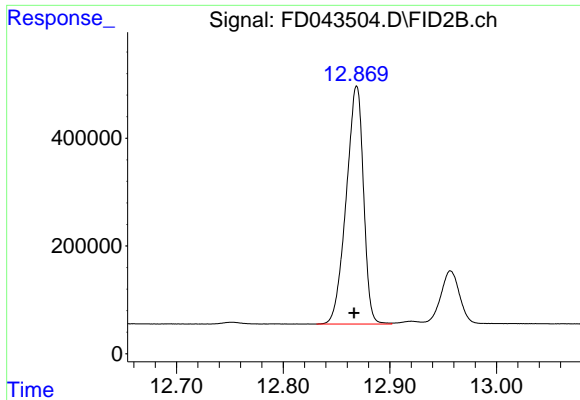
#10 Anthracene (C19.43)
R.T.: 10.832 min
Delta R.T.: 0.000 min
Response: 5139740
Conc: 33.37 ug/ml



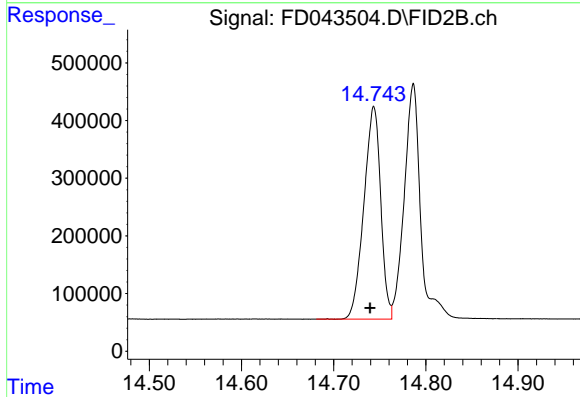
#11 ortho-Terphenyl (SURR)
R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 4947720
Conc: 29.19 ug/ml



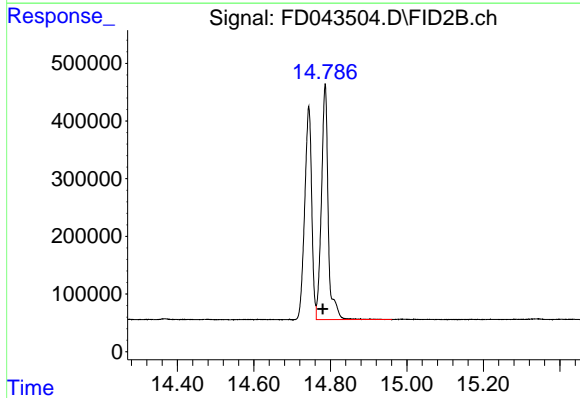
#12 Fluoranthene (C21.85)
R.T.: 12.571 min
Delta R.T.: 0.001 min
Response: 4998236
Conc: 31.56 ug/ml



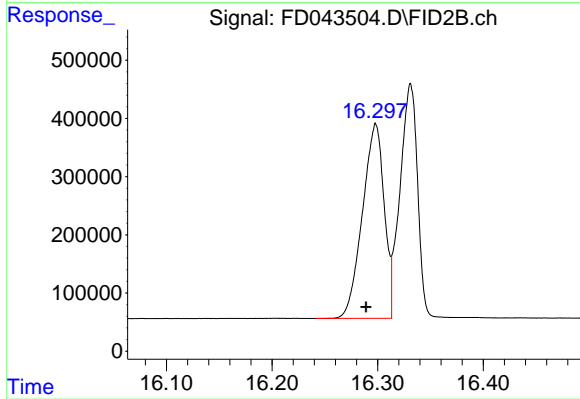
#13 Pyrene (C20.8)
R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 4973520
Conc: 31.65 ug/ml



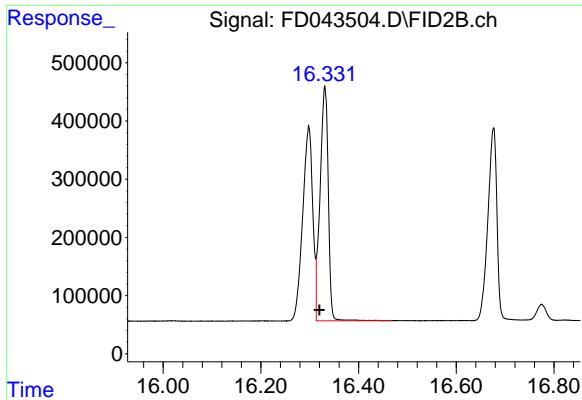
#14 Benzo[a]anthracene (C26.37)
R.T.: 14.743 min
Delta R.T.: 0.004 min
Response: 4674042
Conc: 31.68 ug/ml



#15 Chrysene (C27.41)
R.T.: 14.786 min
Delta R.T.: 0.006 min
Response: 5029631
Conc: 32.19 ug/ml

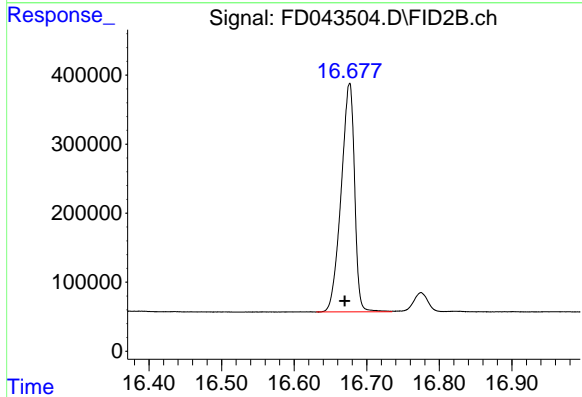


#16 benzo[b]fluoranthene (C30.41)
R.T.: 16.298 min
Delta R.T.: 0.009 min
Response: 4781406
Conc: 31.96 ug/ml



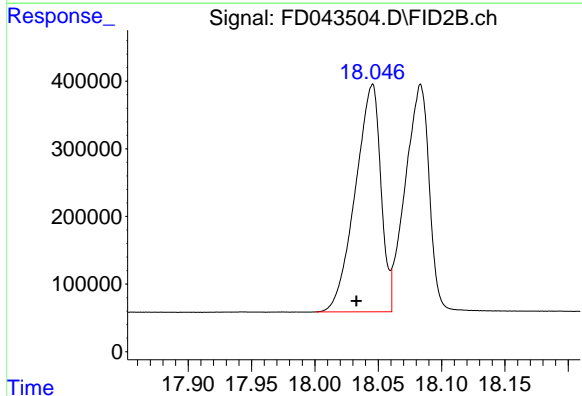
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.331 min
Delta R.T.: 0.011 min
Response: 4694057
Conc: 31.28 ug/ml



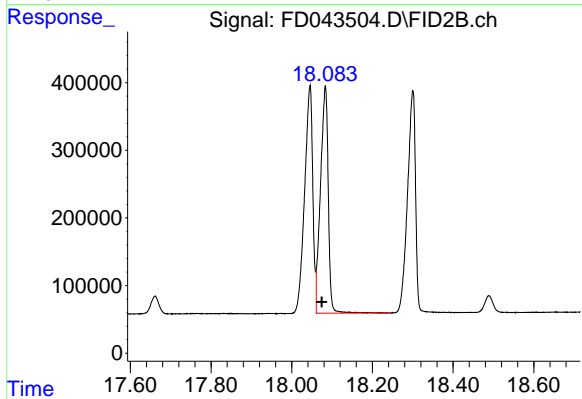
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.006 min
Response: 4262177
Conc: 30.15 ug/ml



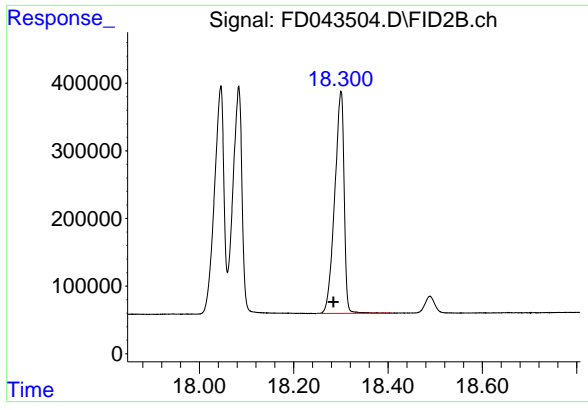
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: 0.012 min
Response: 4725344
Conc: 39.98 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.008 min
Response: 4477585
Conc: 31.57 ug/ml



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

R.T.: 18.300 min
Delta R.T.: 0.016 min
Response: 4556121
Conc: 35.04 ug/ml