

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02223AR\
 Data File : FD045126.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 07:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 07:31:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.554	2675431	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
6) S 2-Fluorobiphenyl (SURR)	8.410	1790767	19.982 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.96%
11) S ortho-Terphenyl (SURR)	11.450	3354005	19.942 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	3008163	20.093 ug/ml
2) T Naphthalene (C11.7)	5.894	3143545	20.022 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	3129162	20.001 ug/ml
5) T Acenaphthylene (C15.06)	8.214	2853618	19.986 ug/ml
7) T Acenaphthene (C15.5)	8.510	3036006	20.133 ug/ml
8) T Fluorene (C16.55)	9.288	2951389	20.023 ug/ml
9) T Phenanthrene (C19.36)	10.679	2893464	19.988 ug/ml
10) T Anthracene (C19.43)	10.753	2651132	19.581 ug/ml
12) T Fluoranthene (C21.85)	12.484	2854188	19.913 ug/ml
13) T Pyrene (C20.8)	12.779	2777360	19.835 ug/ml
14) T Benzo[a]anthracene (C...	14.644	2501432	19.662 ug/ml
15) T Chrysene (C27.41)	14.686	2589570	19.557 ug/ml
16) T benzo[b]fluoranthene ...	16.187	2574072	19.627 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.219	2531180	19.519 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	2508631	19.544 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.921	2401599	19.120 ug/mlm
20) T Dibenz[a,h]anthracene...	17.962	2323193	18.995 ug/ml
21) T Benzo[g,h,i]perylene ...	18.173	2479902	19.547 ug/ml

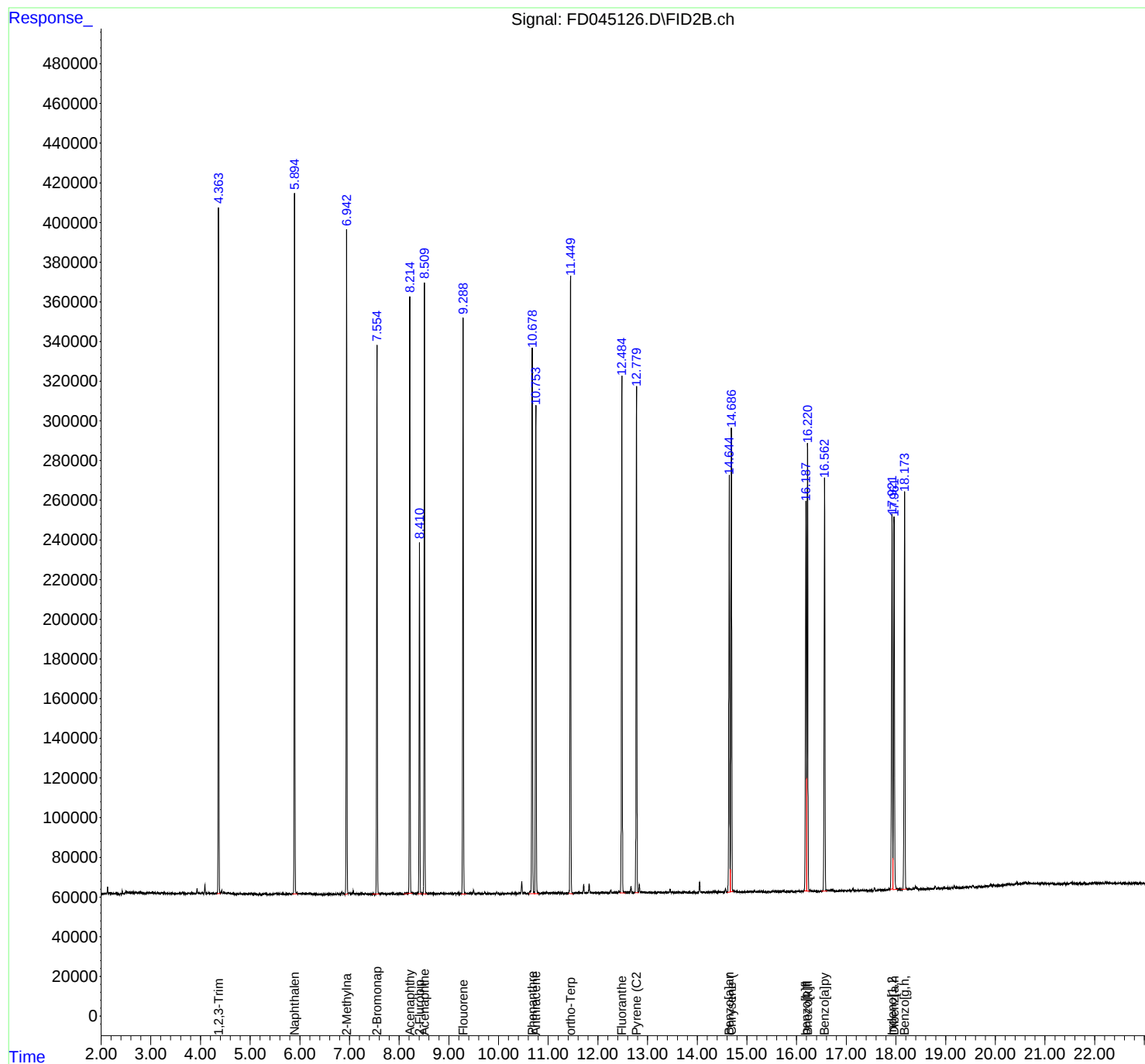
(f)=RT Delta > 1/2 Window

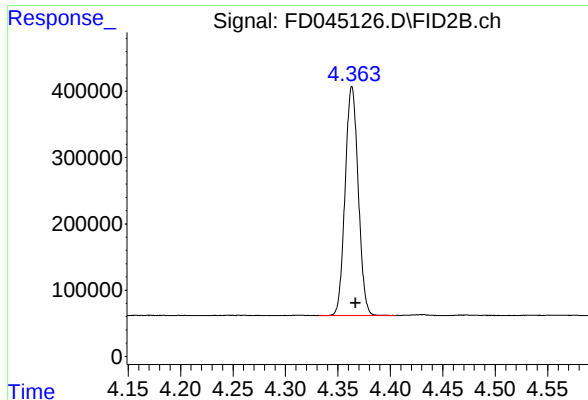
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022223AR\
Data File : FD045126.D
Signal(s) : FID2B.ch
Acq On : 23 Feb 2023 07:03
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
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Response via : Initial Calibration
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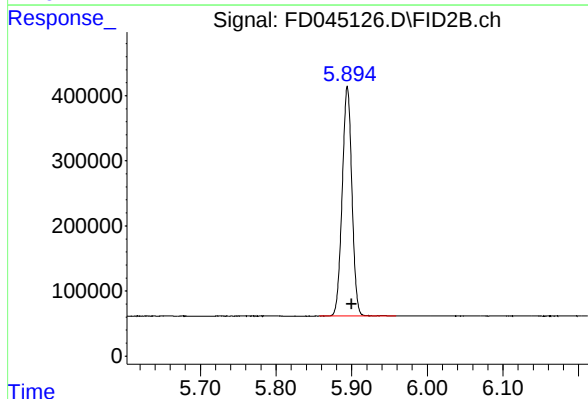
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





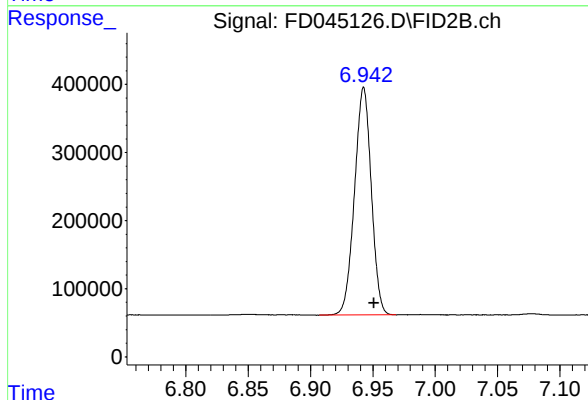
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3008163
Conc: 20.09 ug/ml



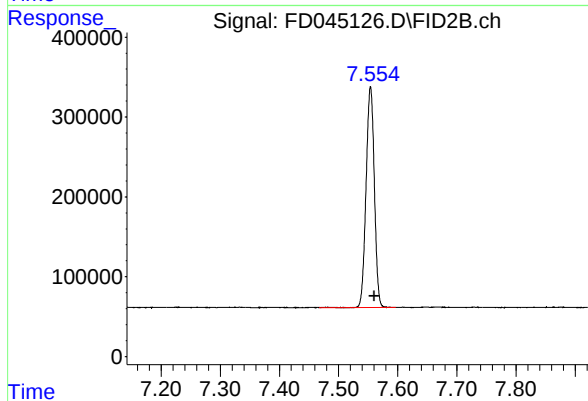
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 3143545
Conc: 20.02 ug/ml



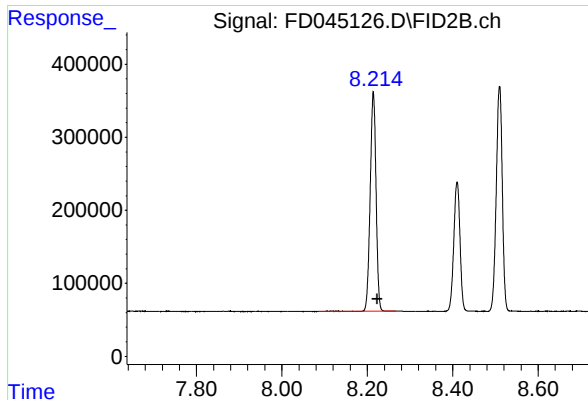
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 3129162
Conc: 20.00 ug/ml



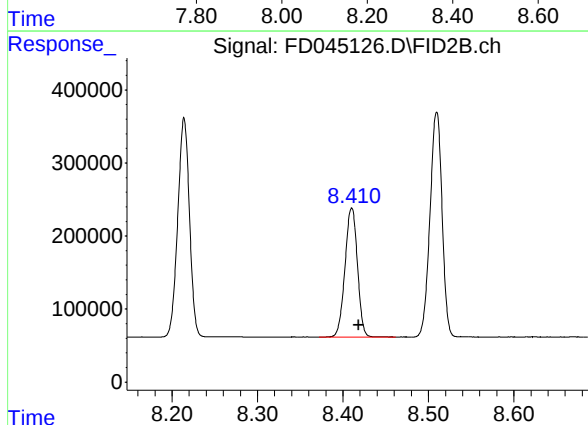
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: -0.007 min
Response: 2675431
Conc: 19.95 ug/ml



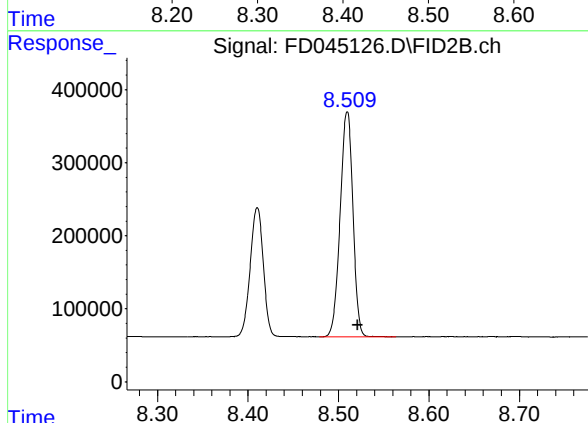
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: -0.009 min
Response: 2853618
Conc: 19.99 ug/ml



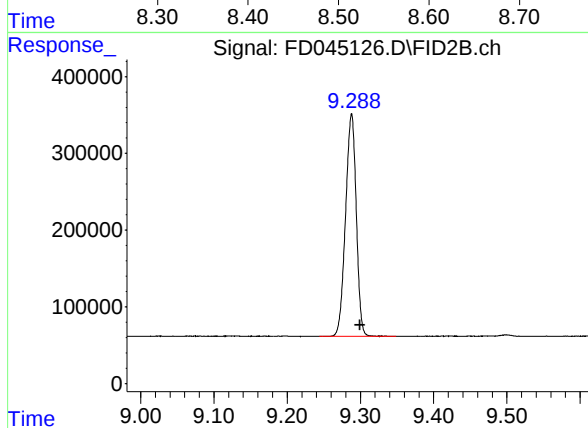
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: -0.008 min
Response: 1790767
Conc: 19.98 ug/ml



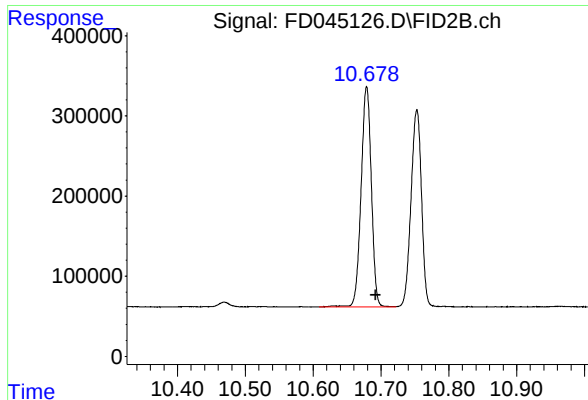
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: -0.011 min
Response: 3036006
Conc: 20.13 ug/ml



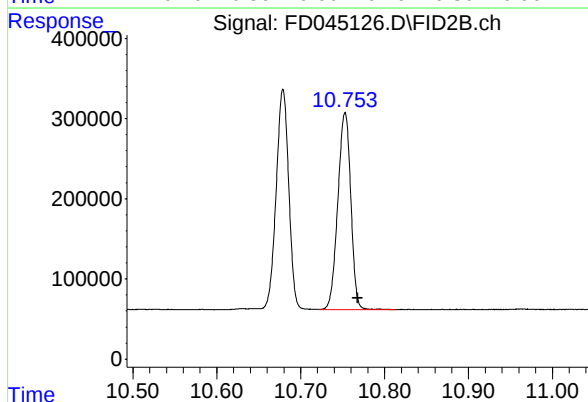
#8 Flouorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.012 min
Response: 2951389
Conc: 20.02 ug/ml



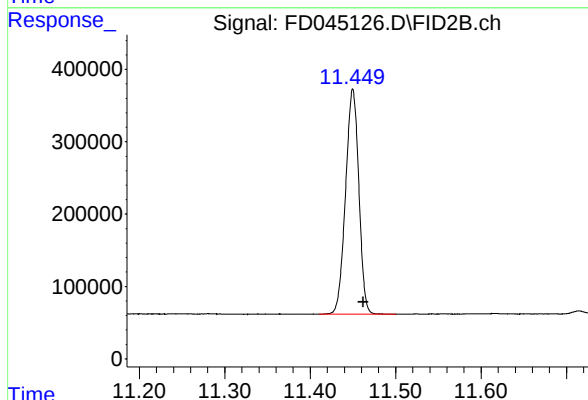
#9 Phenanthrene (C19.36)

R.T.: 10.679 min
Delta R.T.: -0.013 min
Response: 2893464
Conc: 19.99 ug/ml



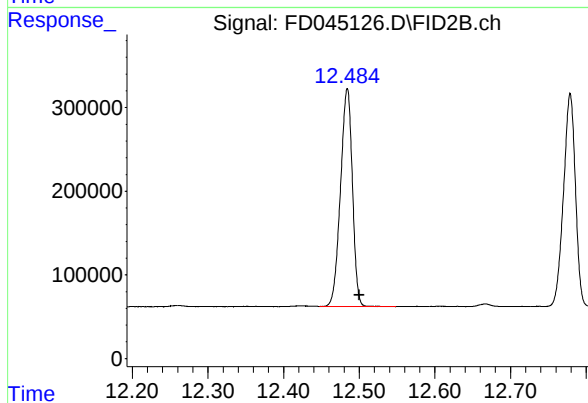
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: -0.015 min
Response: 2651132
Conc: 19.58 ug/ml



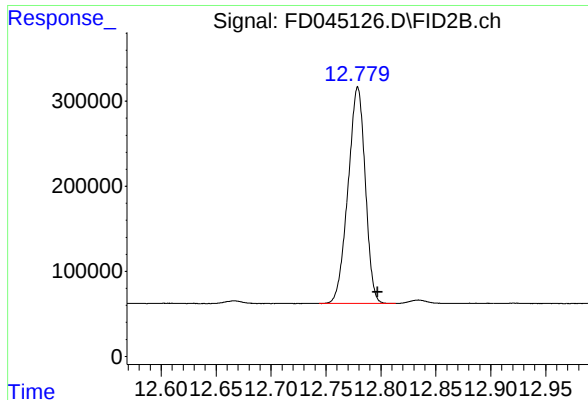
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.012 min
Response: 3354005
Conc: 19.94 ug/ml



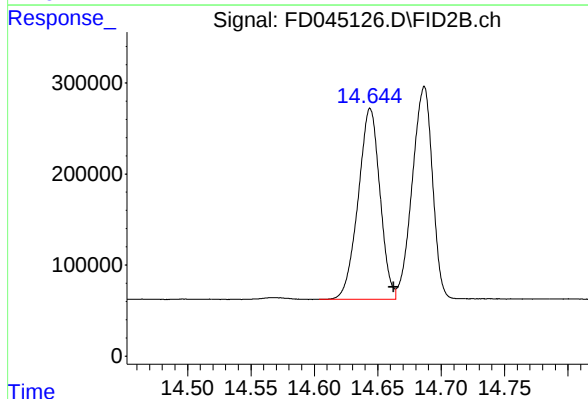
#12 Fluoranthene (C21.85)

R.T.: 12.484 min
Delta R.T.: -0.016 min
Response: 2854188
Conc: 19.91 ug/ml



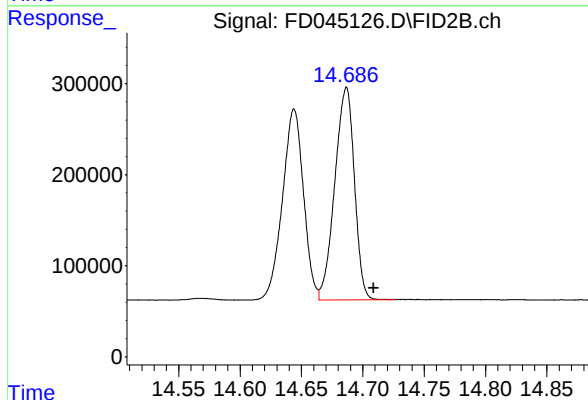
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.018 min
Response: 2777360
Conc: 19.83 ug/ml



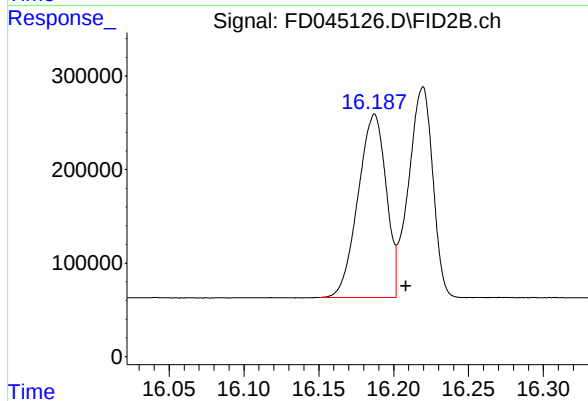
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.018 min
Response: 2501432
Conc: 19.66 ug/ml



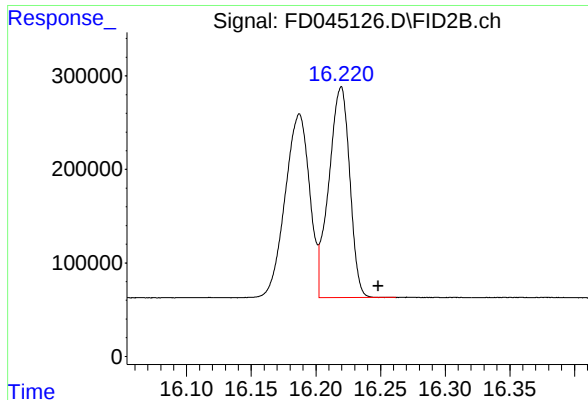
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: -0.023 min
Response: 2589570
Conc: 19.56 ug/ml



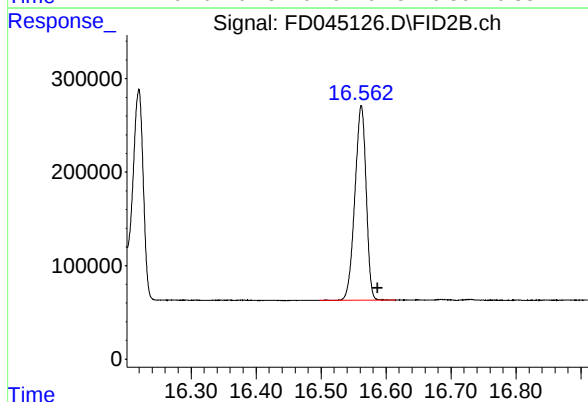
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.187 min
Delta R.T.: -0.021 min
Response: 2574072
Conc: 19.63 ug/ml m



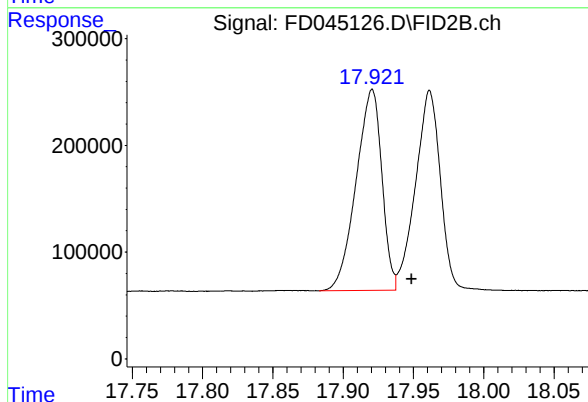
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.219 min
Delta R.T.: -0.029 min
Response: 2531180
Conc: 19.52 ug/ml



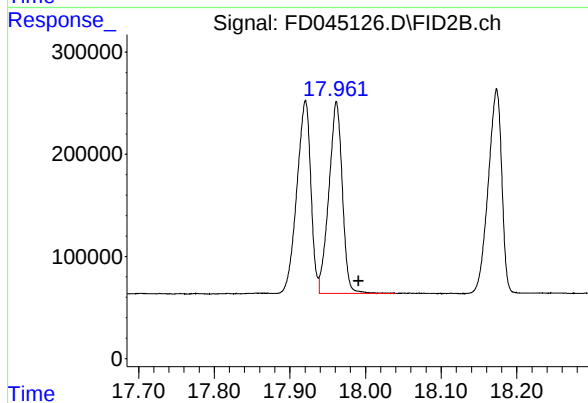
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: -0.026 min
Response: 2508631
Conc: 19.54 ug/ml



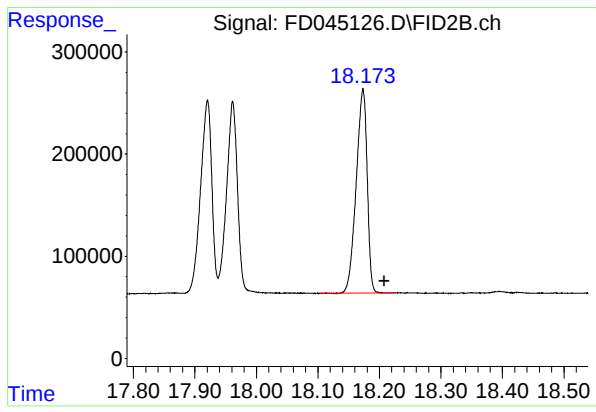
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.921 min
Delta R.T.: -0.028 min
Response: 2401599
Conc: 19.12 ug/ml m



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

R.T.: 17.962 min
Delta R.T.: -0.030 min
Response: 2323193
Conc: 18.99 ug/ml



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

R.T.: 18.173 min
Delta R.T.: -0.035 min
Response: 2479902
Conc: 19.55 ug/ml