

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101520AR\
 Data File : FD035065.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2020 14:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 14:55:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.660	2485097	21.319 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
6) S 2-Fluorobiphenyl (SURR)	8.524	1681732	20.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.97%
11) S ortho-Terphenyl (SURR)	11.564	2745286	20.020 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	2822522	21.738 ug/ml
2) T Naphthalene (C11.7)	5.997	2943451	21.505 ug/ml
3) T 2-Methylnaphthalene (...)	7.050	2925516	21.329 ug/ml
5) T Acenaphthylene (C15.06)	8.327	2736608	20.213 ug/ml
7) T Acenaphthene (C15.5)	8.622	2861525	20.728 ug/ml
8) T Flouorene (C16.55)	9.403	2725781	20.277 ug/ml
9) T Phenanthrene (C19.36)	10.801	2608370	19.529 ug/ml
10) T Anthracene (C19.43)	10.875	2390749	17.703 ug/ml
12) T Fluoranthene (C21.85)	12.613	2458502	18.682 ug/ml
13) T Pyrene (C20.8)	12.911	2344717	18.314 ug/ml
14) T Benzo[a]anthracene (C...	14.783	2076258	18.238 ug/ml
15) T Chrysene (C27.41)	14.825	2229864	18.206 ug/ml
16) T benzo[b]fluoranthene ...	16.366	2123531	19.812 ug/ml
17) T Bnezo[k]fluoranthene ...	16.366	2123531	19.658 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.713	1955336	20.067 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	2046712	22.093 ug/ml
20) T Dibenz[a,h]anthracene...	18.116	2233833	22.119 ug/ml
21) T Benzo[g,h,i]perylene ...	18.331	2134029	22.147 ug/ml

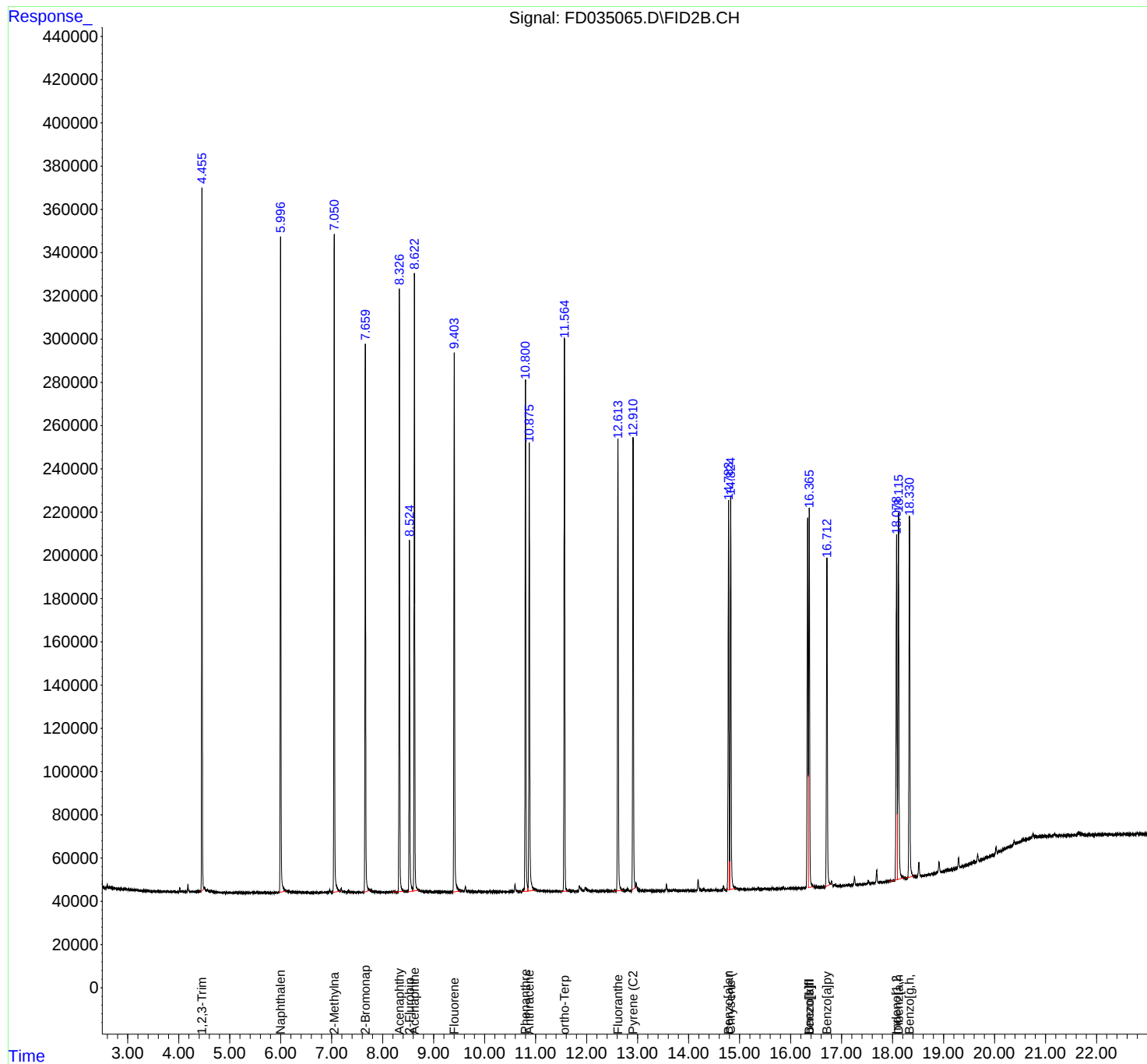
(f)=RT Delta > 1/2 Window

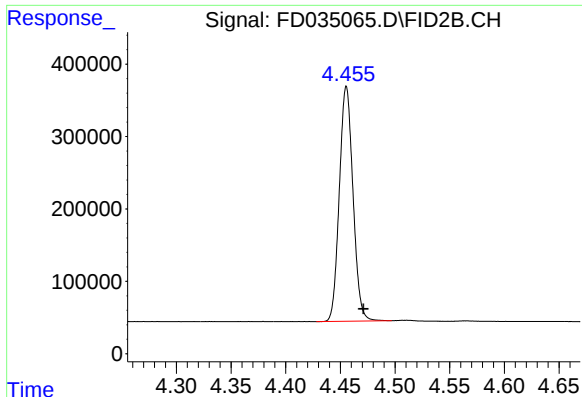
(m)=manual int.

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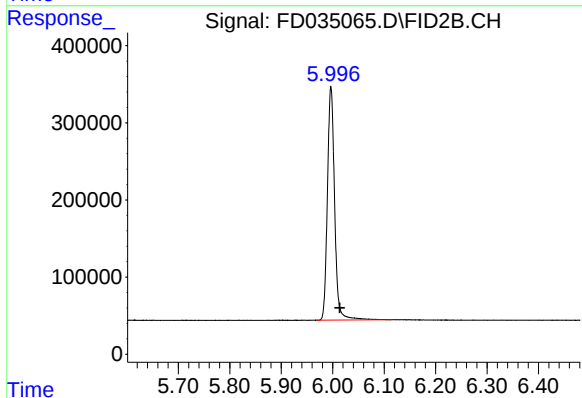
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Signal Info : 20M x 0.18mm x 0.18µm





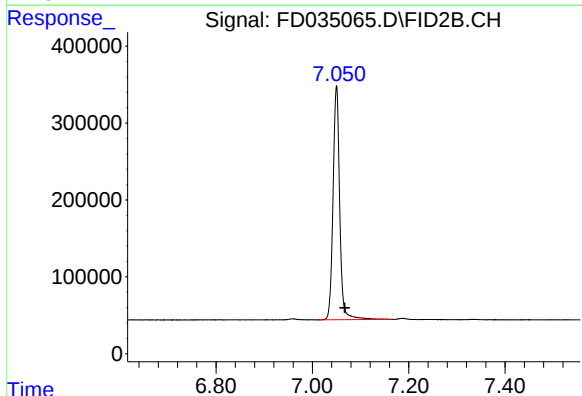
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.016 min
Response: 2822522
Conc: 21.74 ug/ml



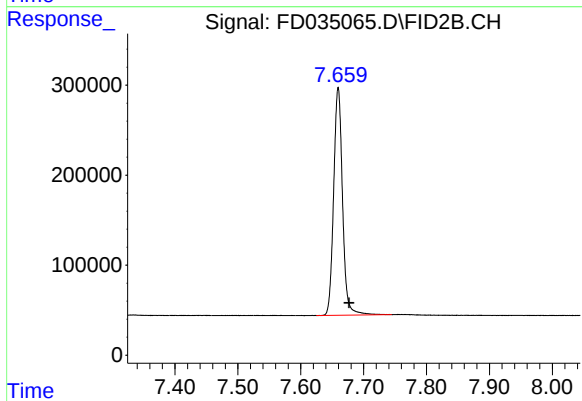
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 2943451
Conc: 21.50 ug/ml



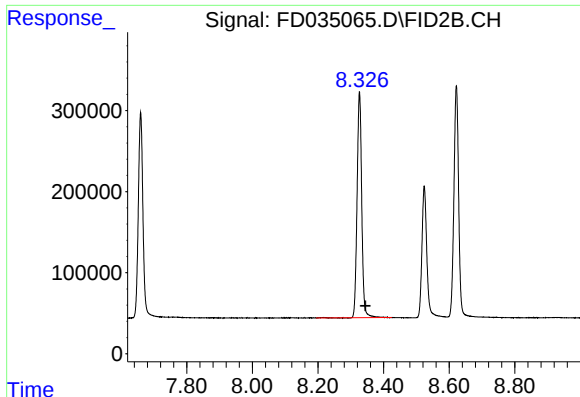
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.050 min
Delta R.T.: -0.017 min
Response: 2925516
Conc: 21.33 ug/ml



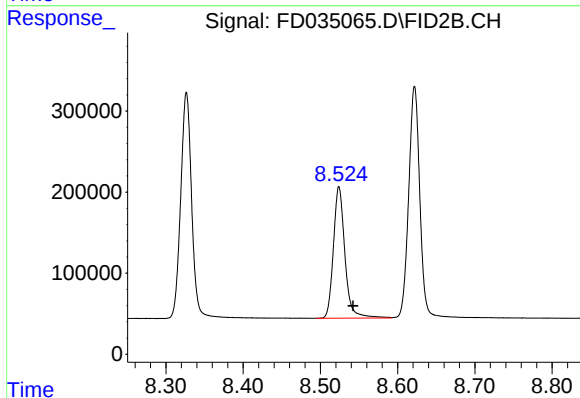
#4 2-Bromonaphthalene (SURR)

R.T.: 7.660 min
Delta R.T.: -0.017 min
Response: 2485097
Conc: 21.32 ug/ml



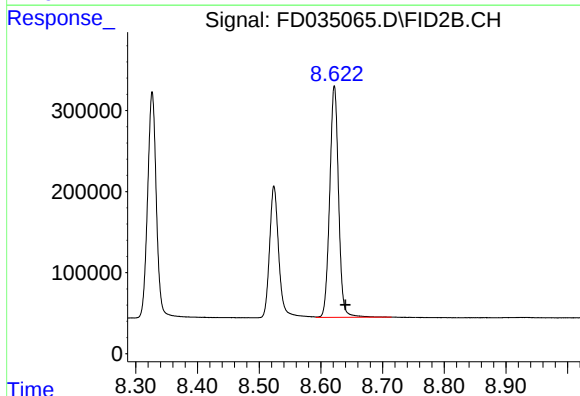
#5 Acenaphthylene (C15.06)

R.T.: 8.327 min
Delta R.T.: -0.018 min
Response: 2736608
Conc: 20.21 ug/ml



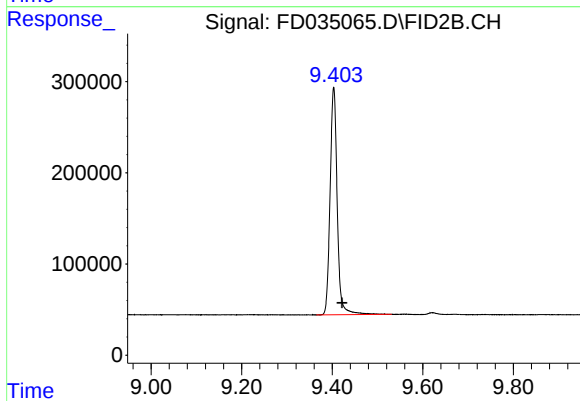
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.524 min
Delta R.T.: -0.018 min
Response: 1681732
Conc: 20.48 ug/ml



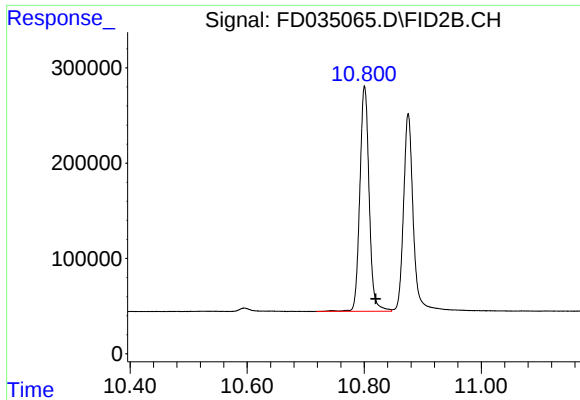
#7 Acenaphthene (C15.5)

R.T.: 8.622 min
Delta R.T.: -0.018 min
Response: 2861525
Conc: 20.73 ug/ml



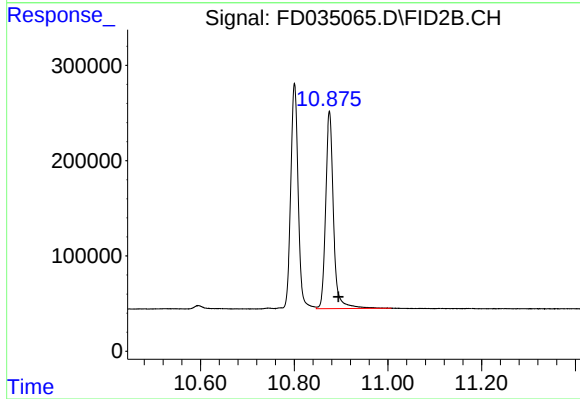
#8 Fluorene (C16.55)

R.T.: 9.403 min
Delta R.T.: -0.018 min
Response: 2725781
Conc: 20.28 ug/ml



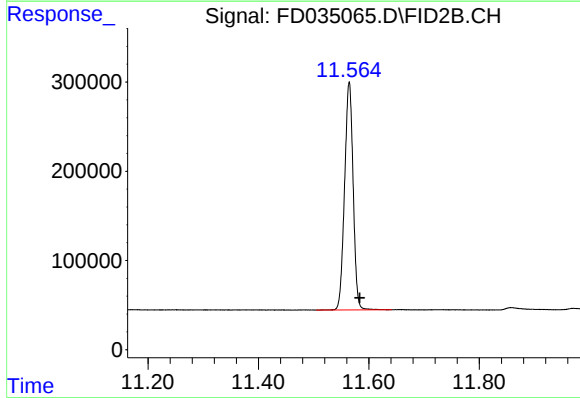
#9 Phenanthrene (C19.36)

R.T.: 10.801 min
Delta R.T.: -0.019 min
Response: 2608370
Conc: 19.53 ug/ml



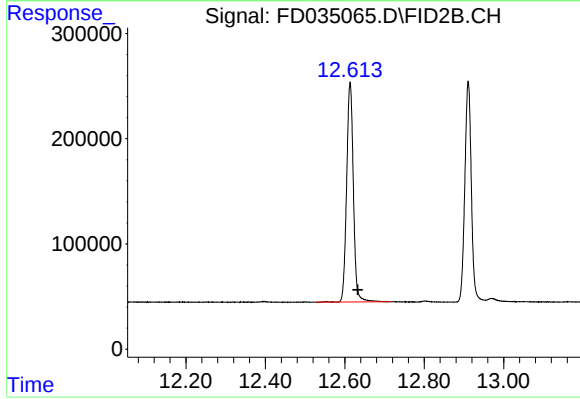
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.019 min
Response: 2390749
Conc: 17.70 ug/ml



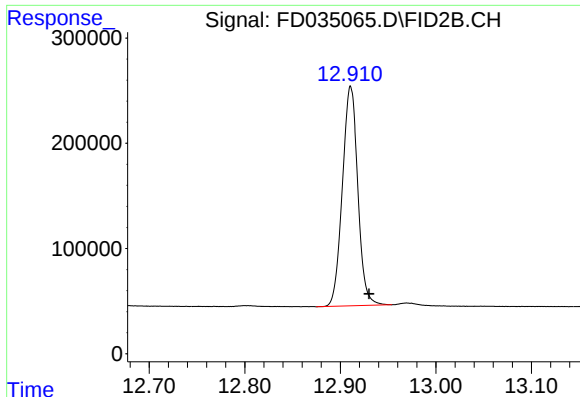
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.019 min
Response: 2745286
Conc: 20.02 ug/ml



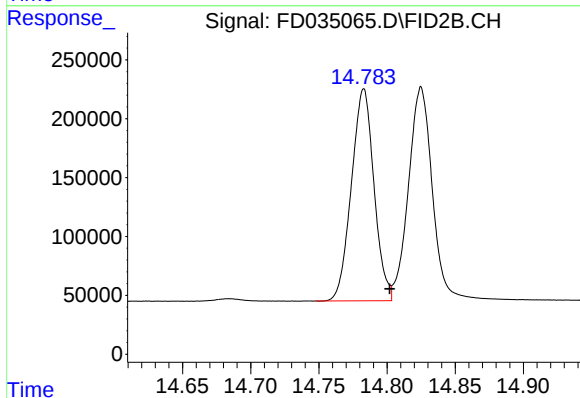
#12 Fluoranthene (C21.85)

R.T.: 12.613 min
Delta R.T.: -0.020 min
Response: 2458502
Conc: 18.68 ug/ml



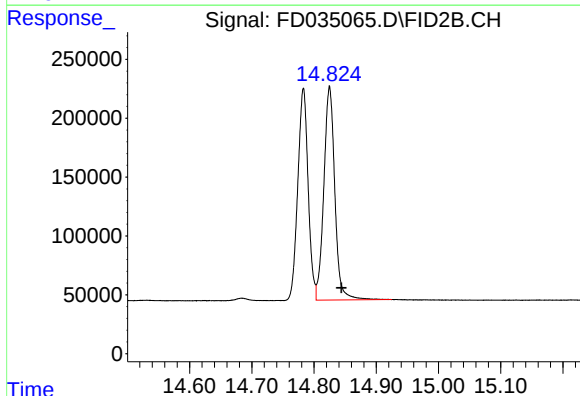
#13 Pyrene (C20.8)

R.T.: 12.911 min
Delta R.T.: -0.019 min
Response: 2344717
Conc: 18.31 ug/ml



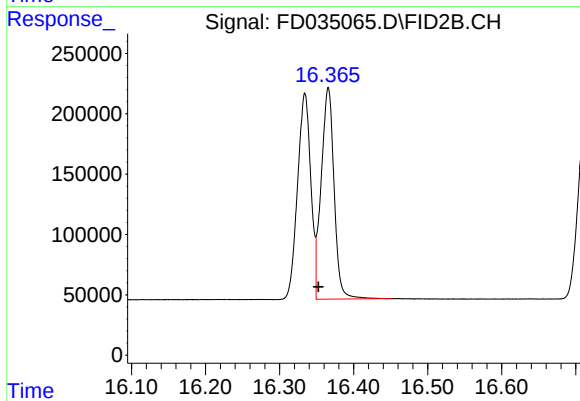
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min
Delta R.T.: -0.019 min
Response: 2076258
Conc: 18.24 ug/ml



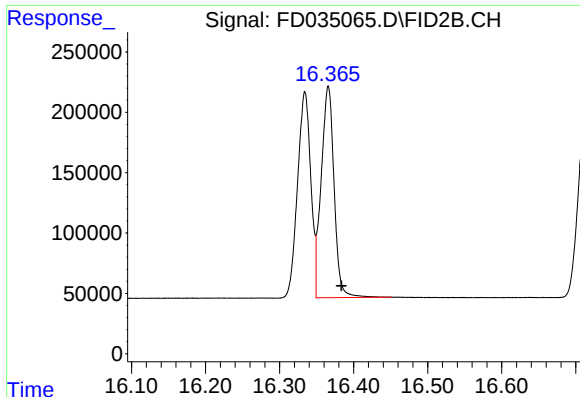
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: -0.019 min
Response: 2229864
Conc: 18.21 ug/ml



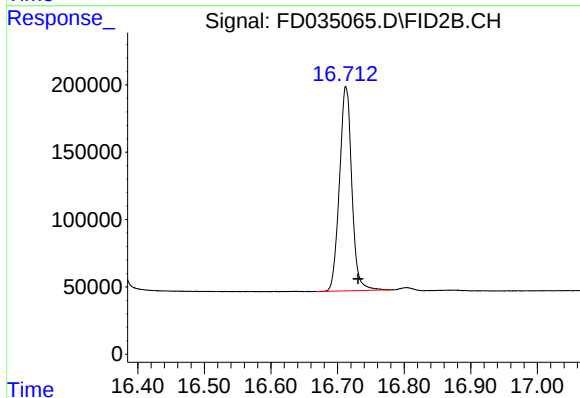
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.366 min
Delta R.T.: 0.013 min
Response: 2123531
Conc: 19.81 ug/ml



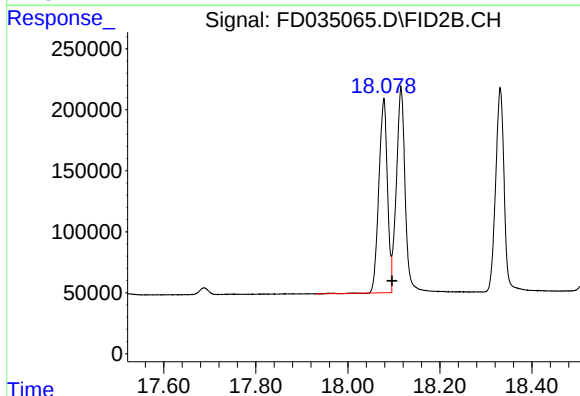
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.366 min
Delta R.T.: -0.018 min
Response: 2123531
Conc: 19.66 ug/ml



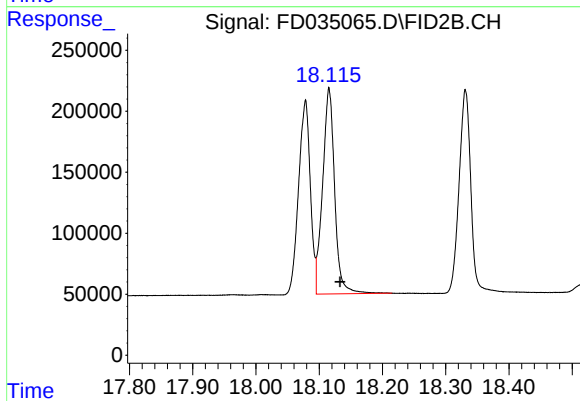
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.713 min
Delta R.T.: -0.018 min
Response: 1955336
Conc: 20.07 ug/ml



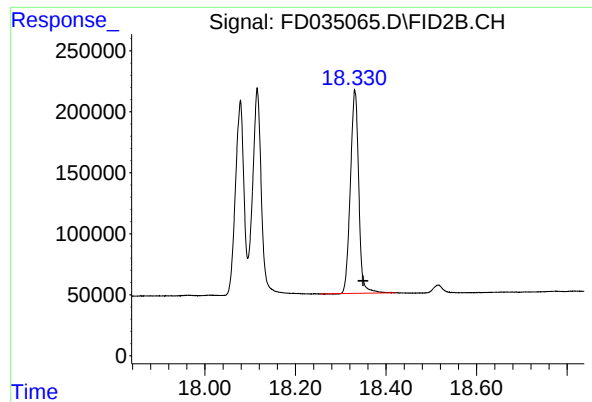
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: -0.018 min
Response: 2046712
Conc: 22.09 ug/ml



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

R.T.: 18.116 min
Delta R.T.: -0.018 min
Response: 2233833
Conc: 22.12 ug/ml



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

R.T.: 18.331 min
Delta R.T.: -0.018 min
Response: 2134029
Conc: 22.15 ug/ml