

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110920AR\
 Data File : FD035426.D
 Signal(s) : FID2B.CH
 Acq On : 09 Nov 2020 16:50
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 10 02:34:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.634	2124452	18.317 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
6) S 2-Fluorobiphenyl (SURR)	8.499	1437176	17.860 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.72%
11) S ortho-Terphenyl (SURR)	11.536	2445163	17.595 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.433	2451454	19.006 ug/ml
2) T Naphthalene (C11.7)	5.973	2504646	18.498 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	2504449	18.373 ug/ml
5) T Acenaphthylene (C15.06)	8.300	2386303	17.701 ug/ml
7) T Acenaphthene (C15.5)	8.595	2497925	17.994 ug/ml
8) T Fluorene (C16.55)	9.377	2369064	17.866 ug/ml
9) T Phenanthrene (C19.36)	10.773	2318476	17.539 ug/ml
10) T Anthracene (C19.43)	10.848	2264638	16.750 ug/ml
12) T Fluoranthene (C21.85)	12.585	2237264	16.654 ug/ml
13) T Pyrene (C20.8)	12.882	2141586	16.103 ug/ml
14) T Benzo[a]anthracene (C...	14.754	1954719	16.426 ug/ml
15) T Chrysene (C27.41)	14.796	2121048	16.015 ug/ml
16) T benzo[b]fluoranthene ...	16.305	1996542	16.895 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	2014904	16.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.684	1853368	16.946 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	1942595	19.008 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	2058432	17.997 ug/ml
21) T Benzo[g,h,i]perylene ...	18.305	2021958	18.885 ug/ml

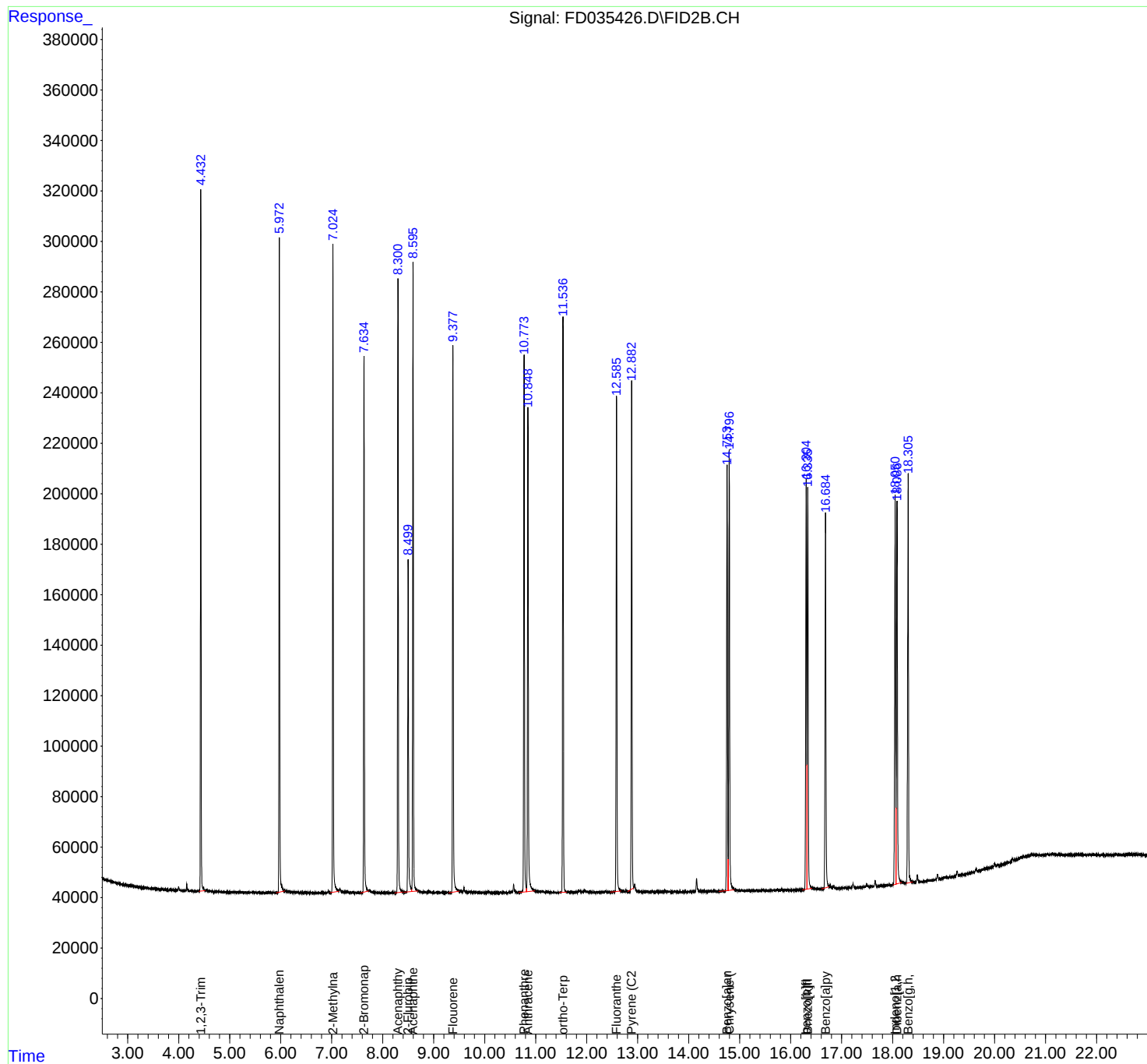
(f)=RT Delta > 1/2 Window

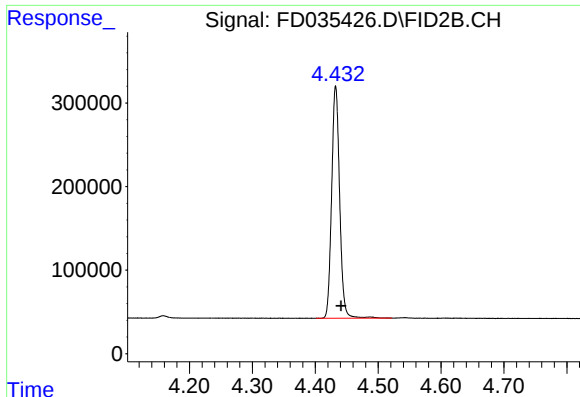
(m)=manual int.

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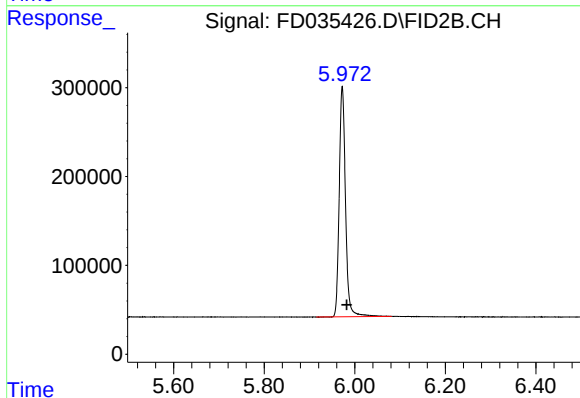
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Signal Info : 20M x 0.18mm x 0.18µm





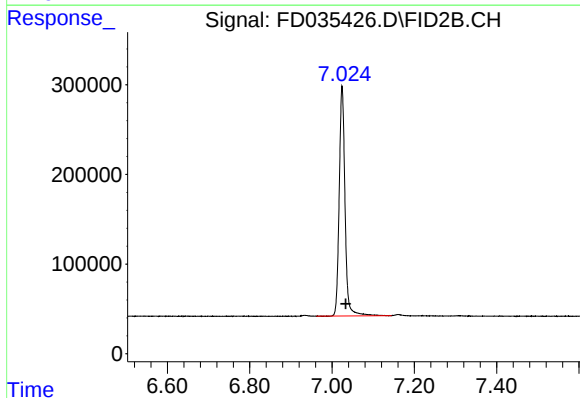
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.433 min
Delta R.T.: -0.008 min
Response: 2451454
Conc: 19.01 ug/ml



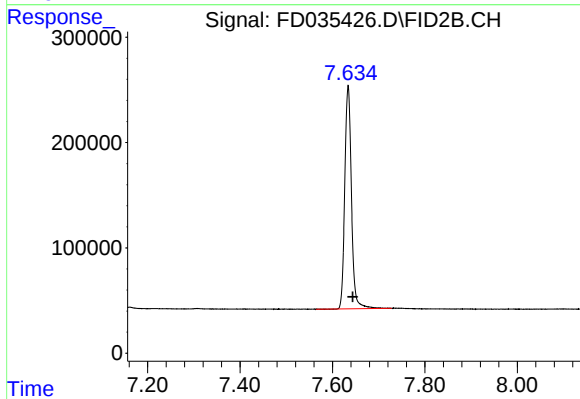
#2 Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.010 min
Response: 2504646
Conc: 18.50 ug/ml



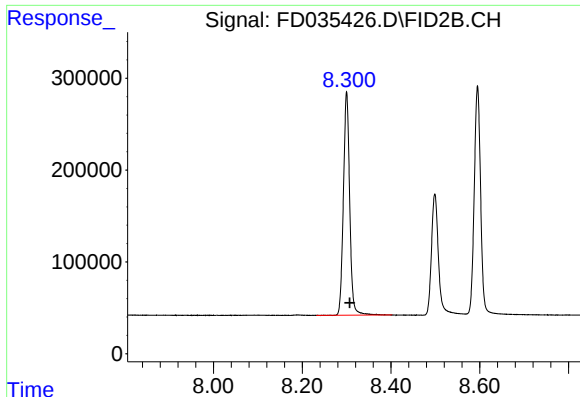
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.009 min
Response: 2504449
Conc: 18.37 ug/ml



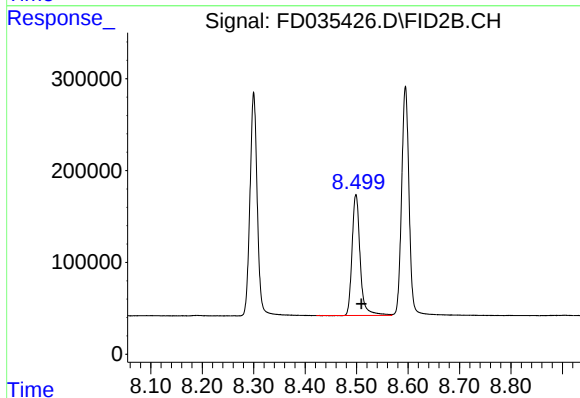
#4 2-Bromonaphthalene (SURR)

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 2124452
Conc: 18.32 ug/ml



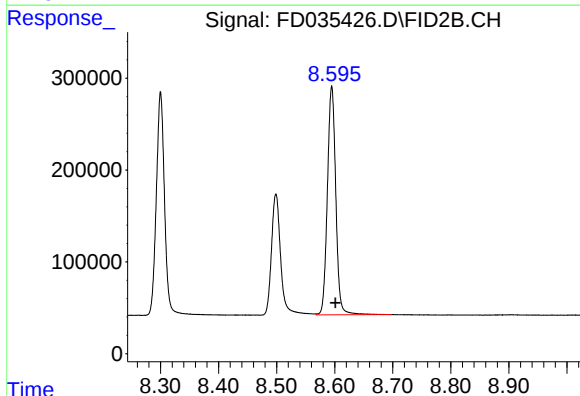
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.007 min
Response: 2386303
Conc: 17.70 ug/ml



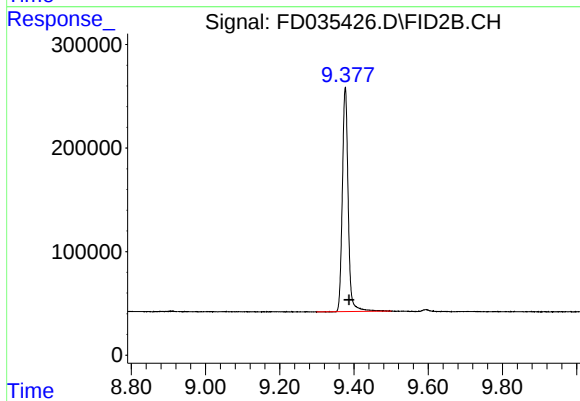
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: -0.011 min
Response: 1437176
Conc: 17.86 ug/ml



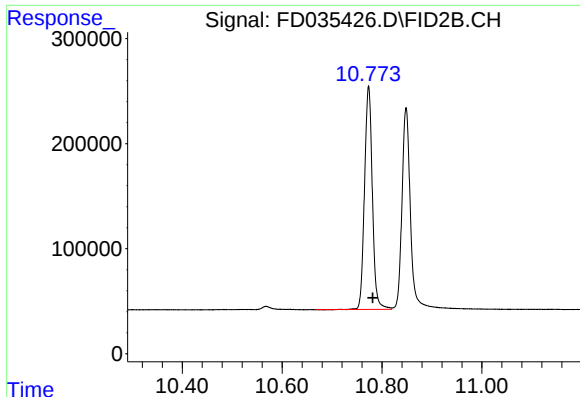
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: -0.006 min
Response: 2497925
Conc: 17.99 ug/ml



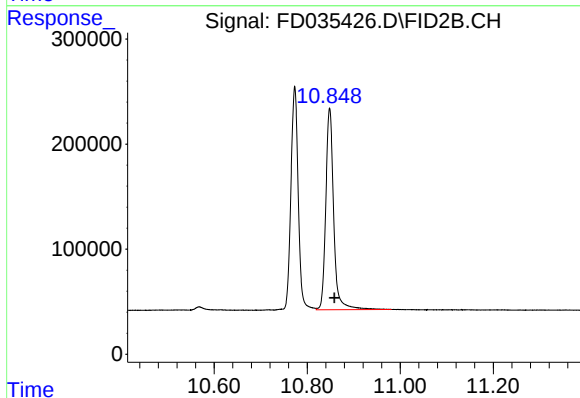
#8 Fluorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.010 min
Response: 2369064
Conc: 17.87 ug/ml



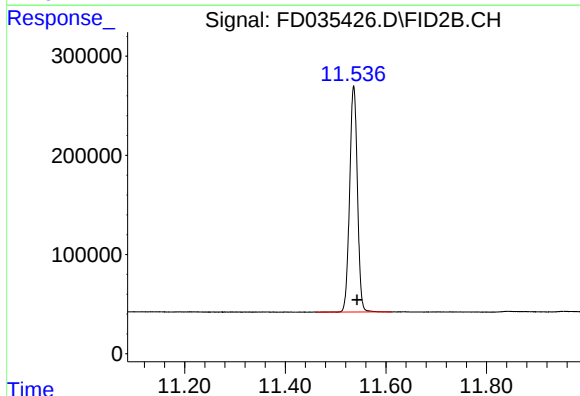
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: -0.008 min
Response: 2318476
Conc: 17.54 ug/ml



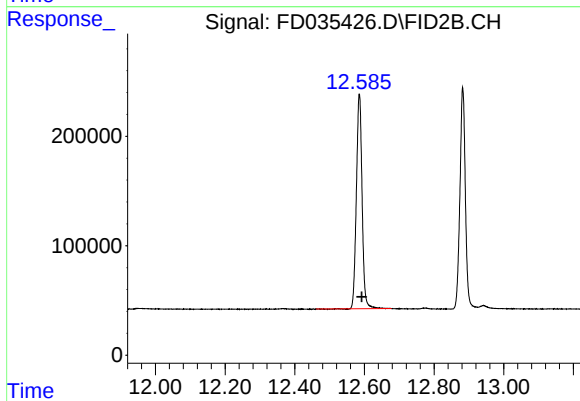
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: -0.010 min
Response: 2264638
Conc: 16.75 ug/ml



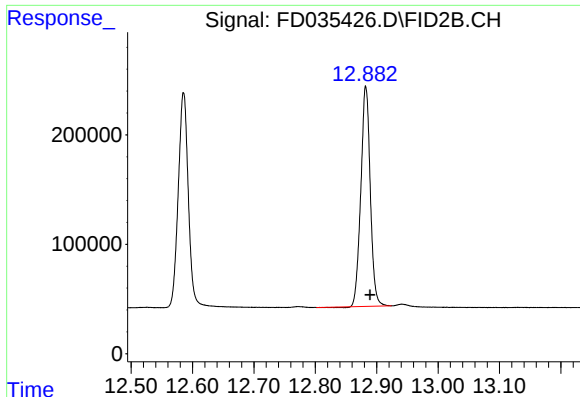
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.007 min
Response: 2445163
Conc: 17.59 ug/ml



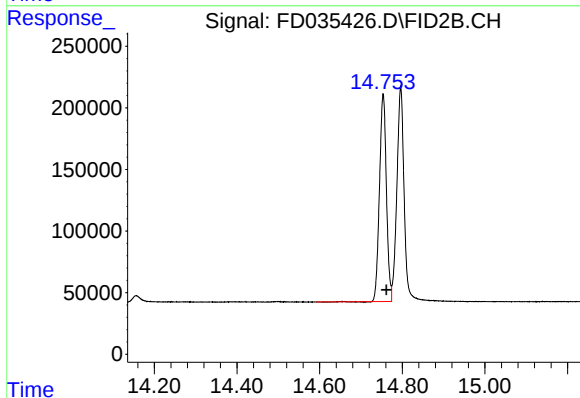
#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.007 min
Response: 2237264
Conc: 16.65 ug/ml



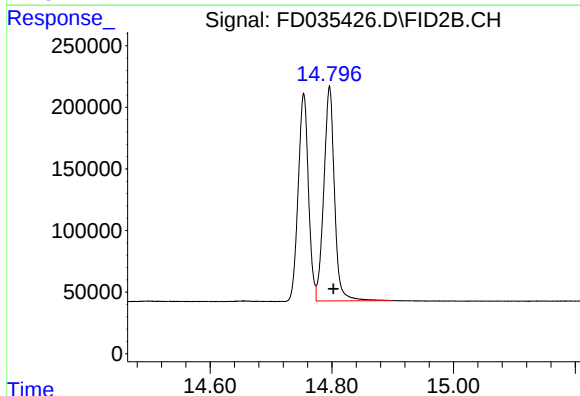
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.007 min
Response: 2141586
Conc: 16.10 ug/ml



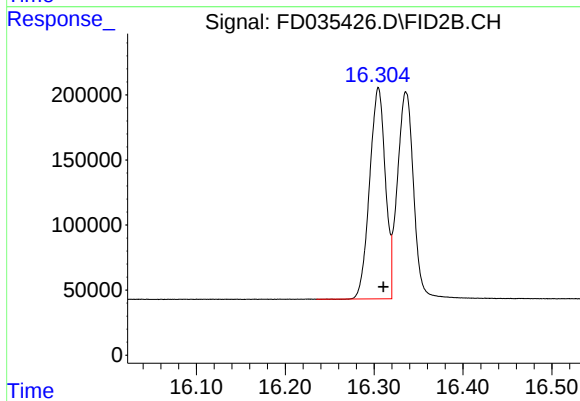
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.008 min
Response: 1954719
Conc: 16.43 ug/ml



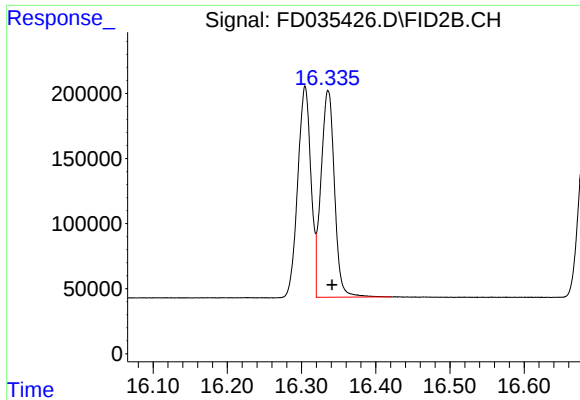
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.006 min
Response: 2121048
Conc: 16.01 ug/ml



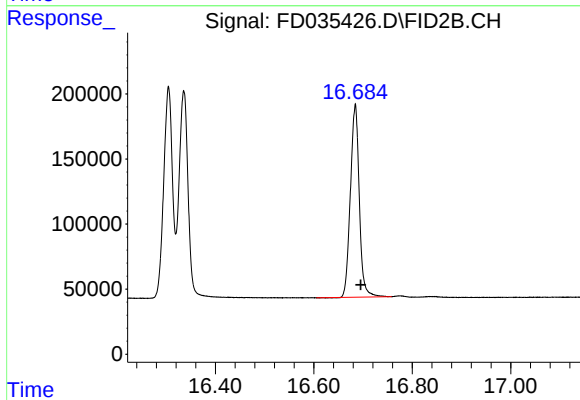
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.305 min
Delta R.T.: -0.006 min
Response: 1996542
Conc: 16.89 ug/ml



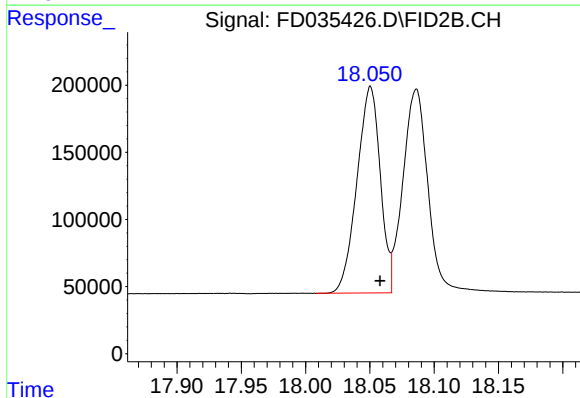
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.336 min
Delta R.T.: -0.005 min
Response: 2014904
Conc: 16.56 ug/ml



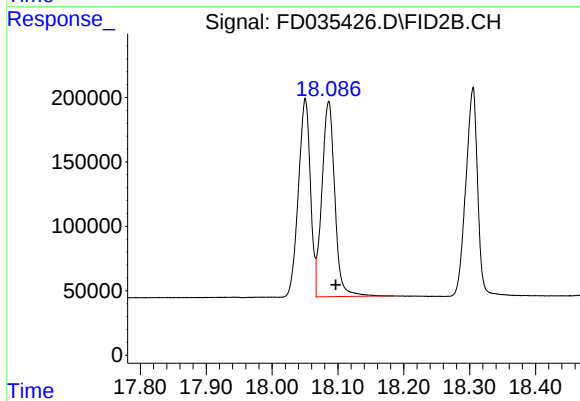
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min
Delta R.T.: -0.011 min
Response: 1853368
Conc: 16.95 ug/ml



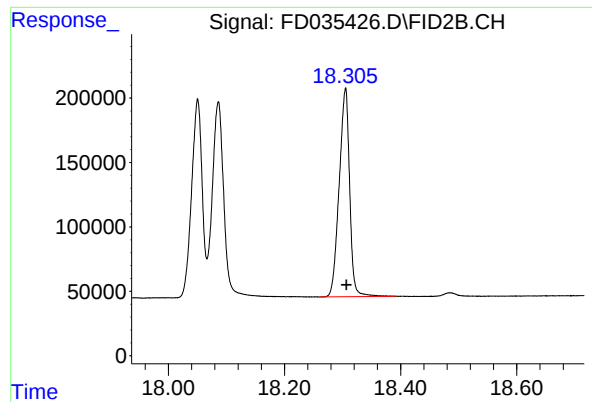
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.050 min
Delta R.T.: -0.008 min
Response: 1942595
Conc: 19.01 ug/ml



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

R.T.: 18.086 min
Delta R.T.: -0.011 min
Response: 2058432
Conc: 18.00 ug/ml



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

R.T.: 18.305 min
Delta R.T.: -0.002 min
Response: 2021958
Conc: 18.89 ug/ml