

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122220AR\
 Data File : FD035841.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 9:35
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 12:00:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 09:21:33 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...	7.588	2201476	20.173 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
6) S 2-Fluorobiphenyl (SURR)	8.455	1405994	20.252 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.50%
11) S ortho-Terphenyl (SURR)	11.484	2553998	19.760 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2519522	20.222 ug/ml
2) T Naphthalene (C11.7)	5.927	2574023	20.367 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2611122	20.643 ug/ml
5) T Acenaphthylene (C15.06)	8.252	2525185	19.961 ug/ml
7) T Acenaphthene (C15.5)	8.546	2721509	20.065 ug/ml
8) T Fluorene (C16.55)	9.330	2451247	19.959 ug/ml
9) T Phenanthrene (C19.36)	10.727	2431770	19.939 ug/ml
10) T Anthracene (C19.43)	10.805	2465034	19.696 ug/ml
12) T Fluoranthene (C21.85)	12.540	2433239	19.966 ug/ml
13) T Pyrene (C20.8)	12.836	2442193	19.961 ug/ml
14) T Benzo[a]anthracene (C...	14.712	1984996	20.189 ug/ml
15) T Chrysene (C27.41)	14.754	2406394	19.639 ug/ml
16) T benzo[b]fluoranthene ...	16.265	1934141	20.309 ug/ml
17) T Bnezo[k]fluoranthene ...	16.296	2228979	20.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	1857732	20.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	2259662	27.907 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	2259662	21.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	1884547	20.384 ug/ml

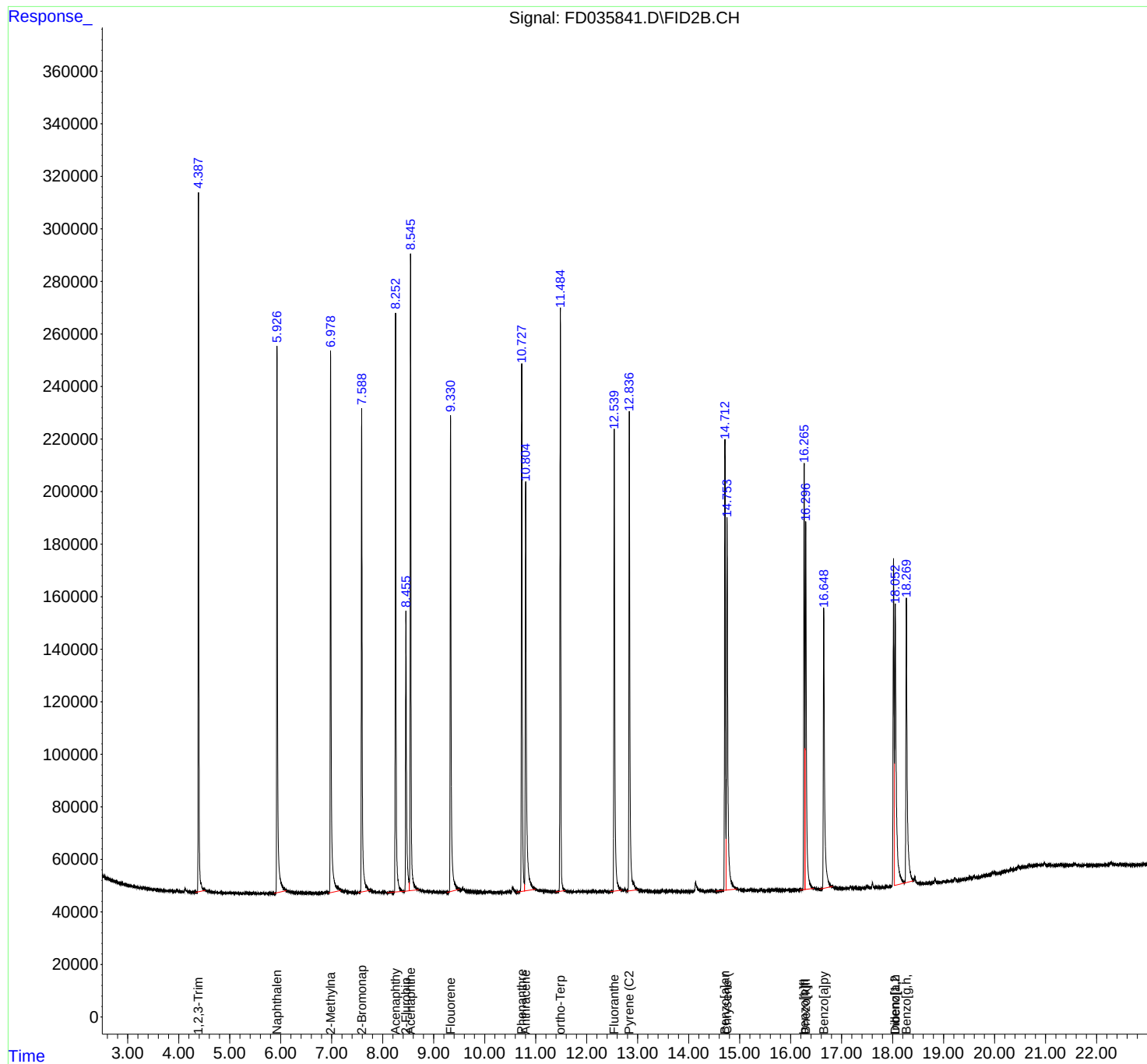
(f)=RT Delta > 1/2 Window

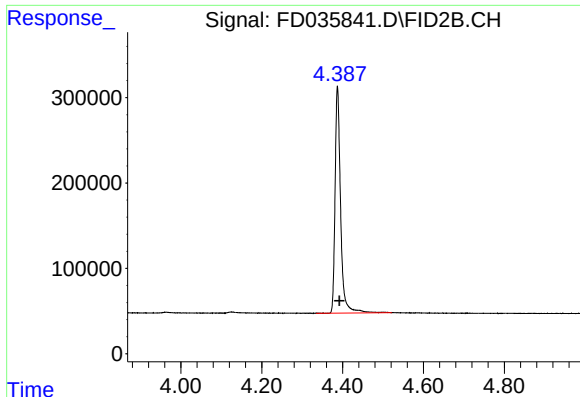
(m)=manual int.

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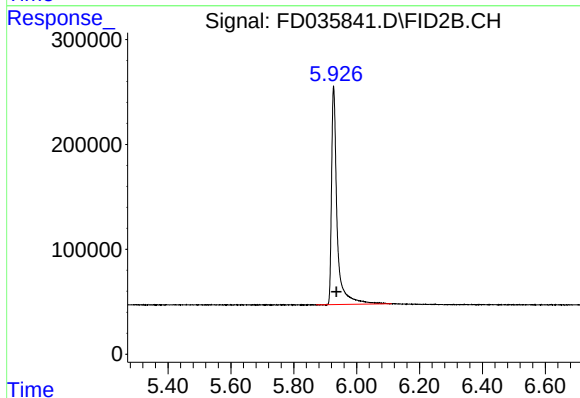
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Signal Info : 20M x 0.18mm x 0.18µm





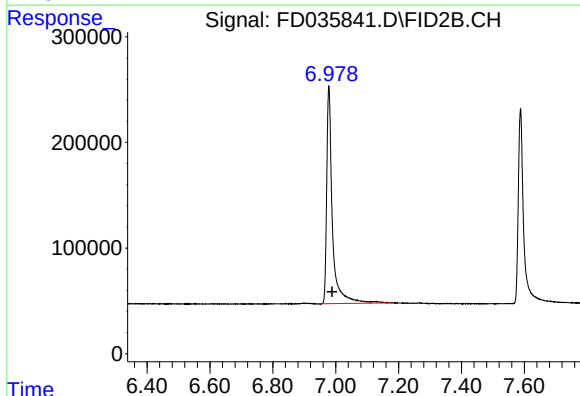
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.388 min
Delta R.T.: -0.004 min
Response: 2519522
Conc: 20.22 ug/ml



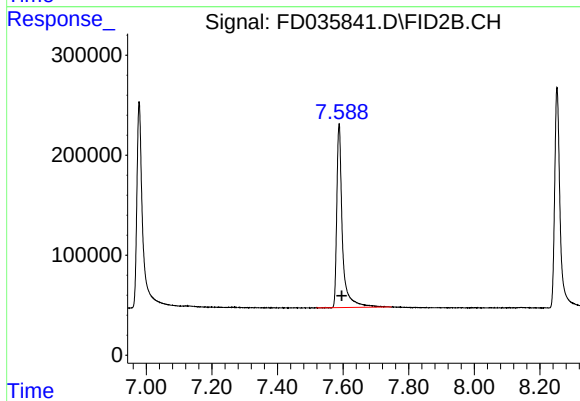
#2 Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.009 min
Response: 2574023
Conc: 20.37 ug/ml



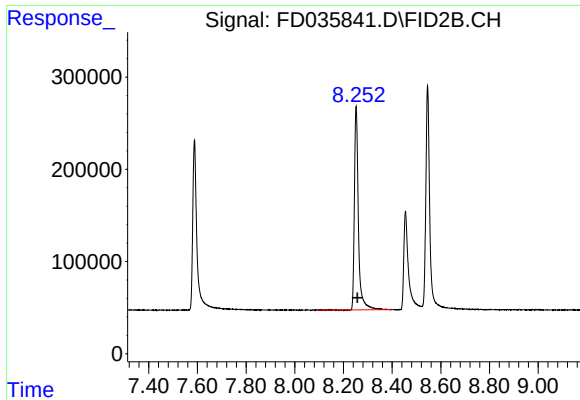
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.010 min
Response: 2611122
Conc: 20.64 ug/ml



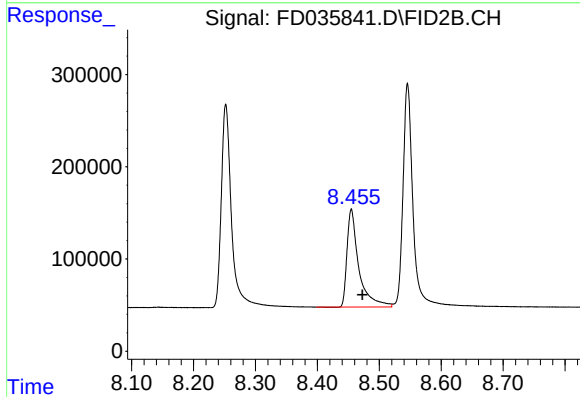
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.008 min
Response: 2201476
Conc: 20.17 ug/ml



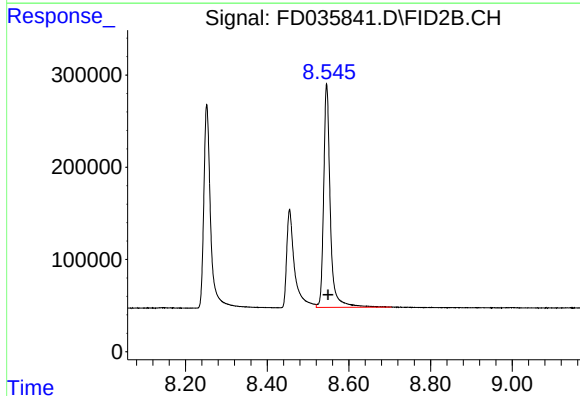
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.006 min
Response: 2525185
Conc: 19.96 ug/ml



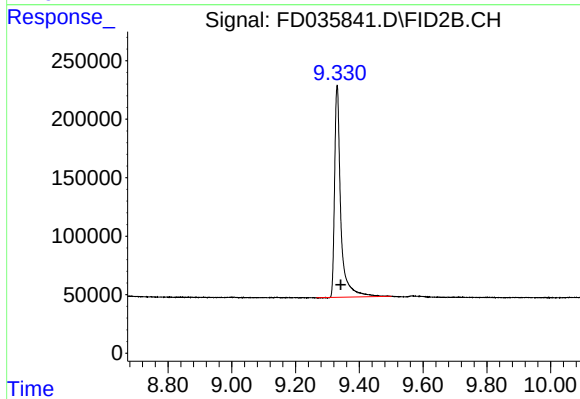
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.018 min
Response: 1405994
Conc: 20.25 ug/ml



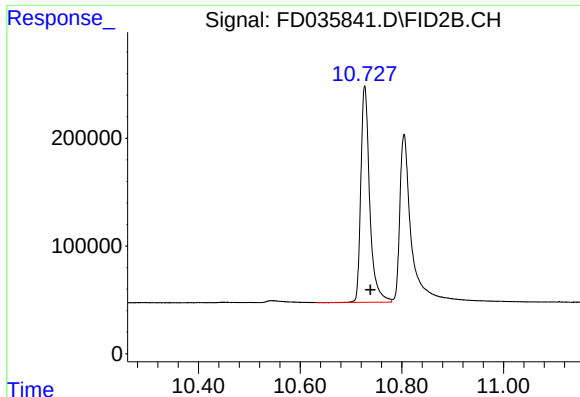
#7 Acenaphthene (C15.5)

R.T.: 8.546 min
Delta R.T.: -0.004 min
Response: 2721509
Conc: 20.06 ug/ml



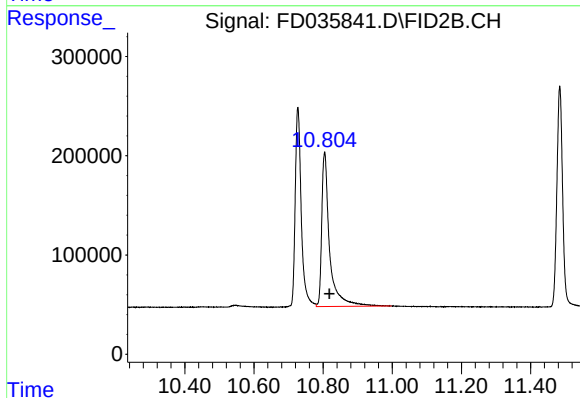
#8 Flouorene (C16.55)

R.T.: 9.330 min
Delta R.T.: -0.012 min
Response: 2451247
Conc: 19.96 ug/ml



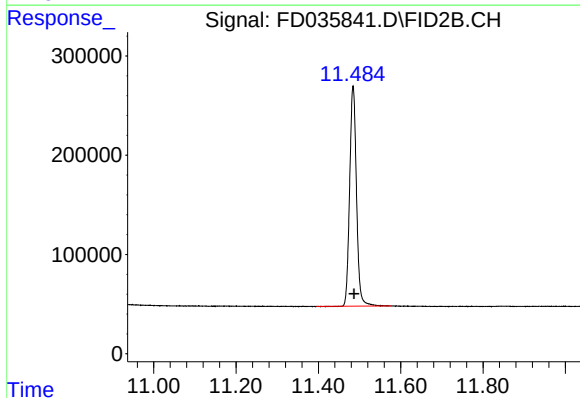
#9 Phenanthrene (C19.36)

R.T.: 10.727 min
Delta R.T.: -0.011 min
Response: 2431770
Conc: 19.94 ug/ml



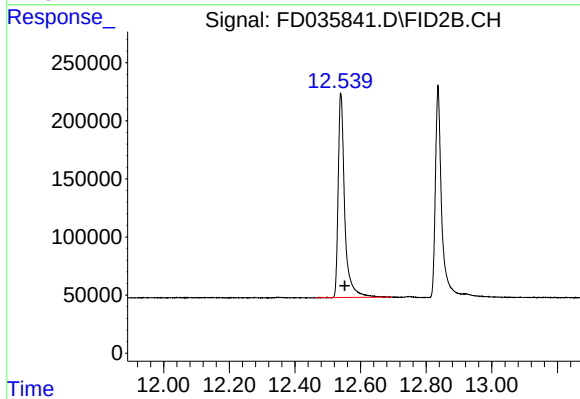
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.013 min
Response: 2465034
Conc: 19.70 ug/ml



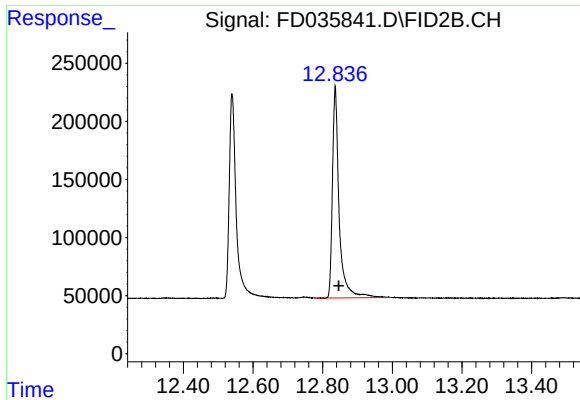
#11 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: -0.002 min
Response: 2553998
Conc: 19.76 ug/ml



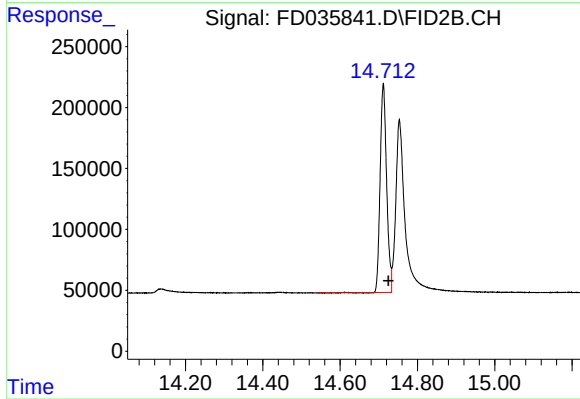
#12 Fluoranthene (C21.85)

R.T.: 12.540 min
Delta R.T.: -0.011 min
Response: 2433239
Conc: 19.97 ug/ml



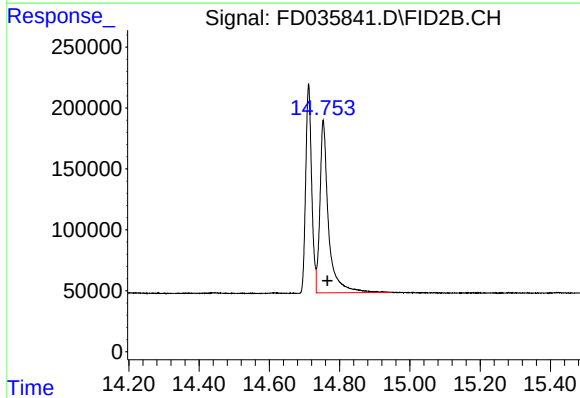
#13 Pyrene (C20.8)

R.T.: 12.836 min
Delta R.T.: -0.010 min
Response: 2442193
Conc: 19.96 ug/ml



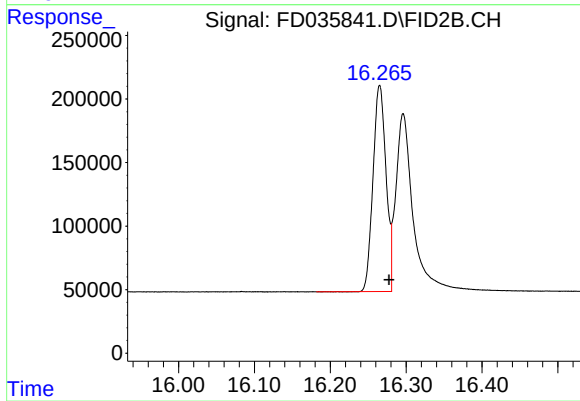
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.013 min
Response: 1984996
Conc: 20.19 ug/ml



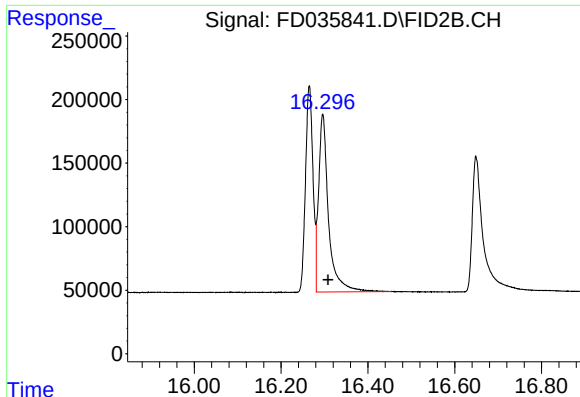
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.012 min
Response: 2406394
Conc: 19.64 ug/ml



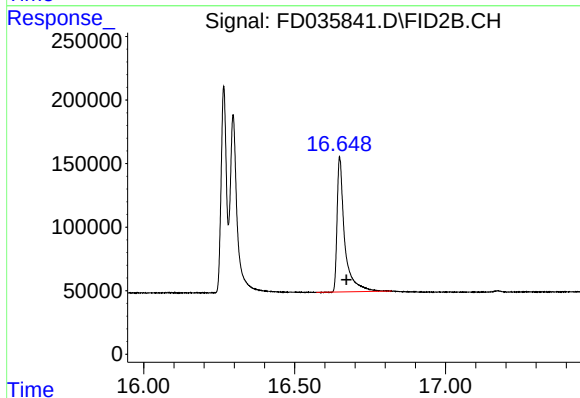
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.265 min
Delta R.T.: -0.012 min
Response: 1934141
Conc: 20.31 ug/ml



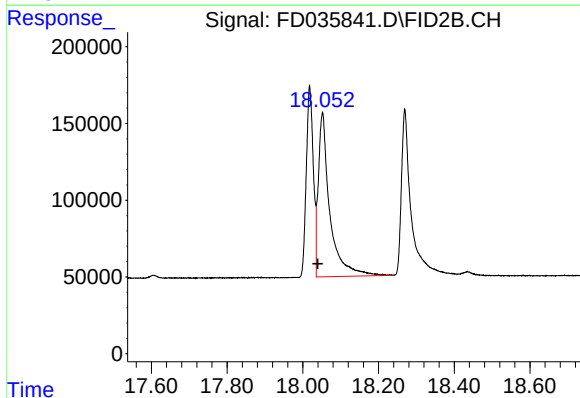
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.296 min
Delta R.T.: -0.012 min
Response: 2228979
Conc: 20.24 ug/ml



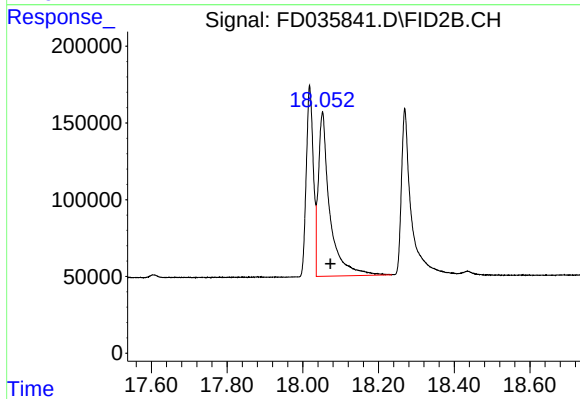
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: -0.022 min
Response: 1857732
Conc: 20.41 ug/ml



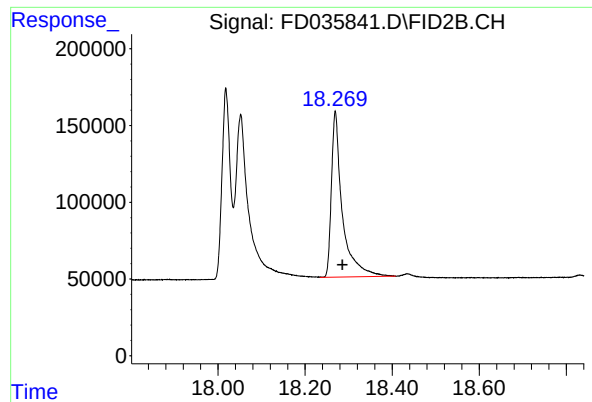
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: 0.012 min
Response: 2259662
Conc: 27.91 ug/ml



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

R.T.: 18.052 min
Delta R.T.: -0.021 min
Response: 2259662
Conc: 21.15 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.016 min
Response: 1884547
Conc: 20.38 ug/ml