

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035832.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 3:58
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 04:58:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 02:53:45 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...	7.589	2219843	20.341 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
6) S 2-Fluorobiphenyl (SURR)	8.456	1435058	20.699 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.40%
11) S ortho-Terphenyl (SURR)	11.485	2604215	20.148 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2548732	20.457 ug/ml
2) T Naphthalene (C11.7)	5.928	2594972	20.660 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	2548625	20.331 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2565907	20.283 ug/ml
7) T Acenaphthene (C15.5)	8.547	2750767	20.280 ug/ml
8) T Flouorene (C16.55)	9.331	2509709	20.575 ug/ml
9) T Phenanthrene (C19.36)	10.728	2480237	20.484 ug/ml
10) T Anthracene (C19.43)	10.805	2546945	20.496 ug/ml
12) T Fluoranthene (C21.85)	12.542	2485808	20.398 ug/ml
13) T Pyrene (C20.8)	12.838	2490993	20.359 ug/ml
14) T Benzo[a]anthracene (C...	14.712	2041858	20.892 ug/ml
15) T Chrysene (C27.41)	14.754	2428533	19.913 ug/ml
16) T benzo[b]fluoranthene ...	16.266	1955076	20.601 ug/ml
17) T Bnezo[k]fluoranthene ...	16.297	2244682	20.286 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	1862932	20.462 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.018	1650431	20.440 ug/mlm
20) T Dibenz[a,h]anthracene...	18.052	2253894	21.189 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	1886487	20.405 ug/ml

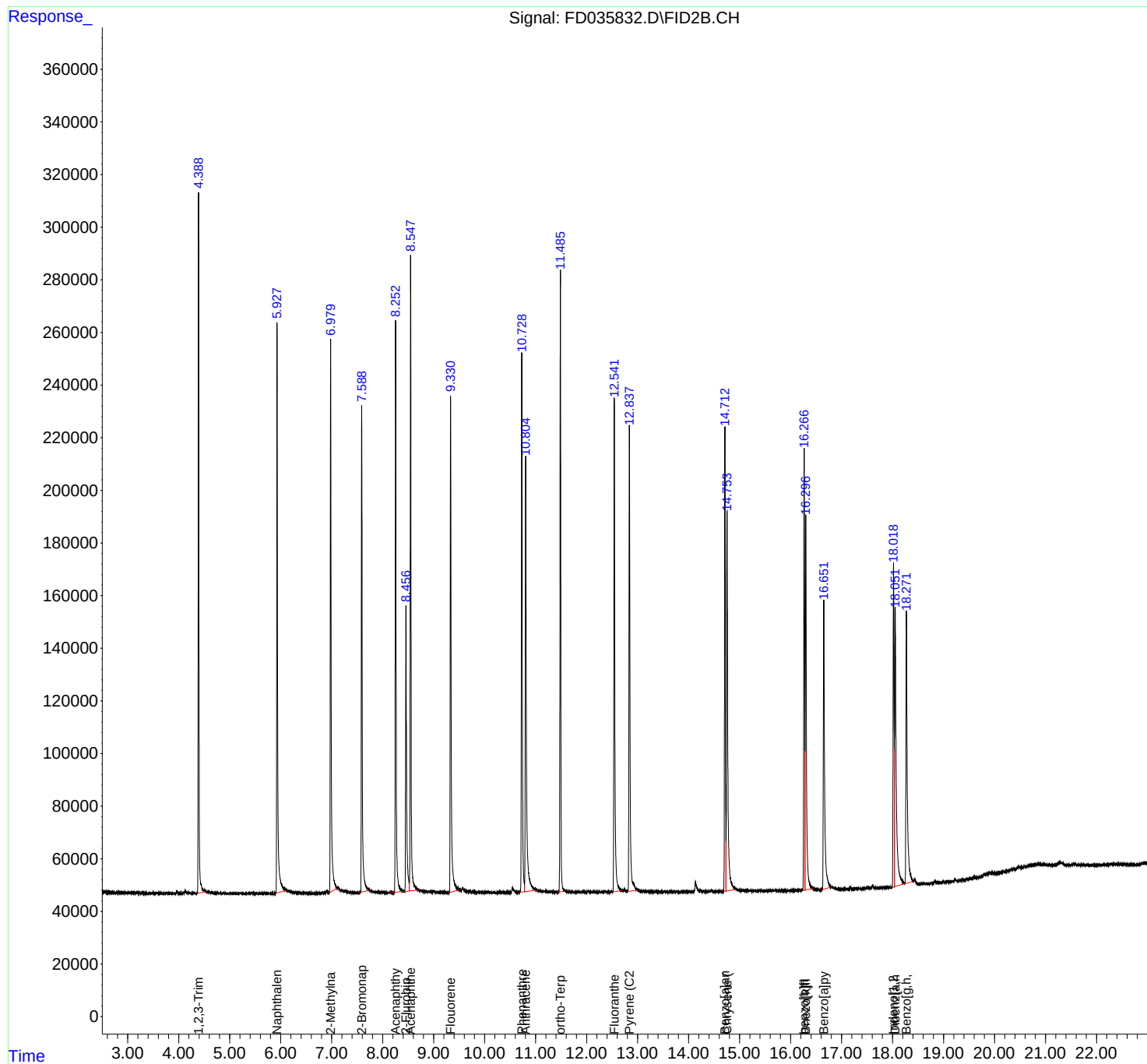
(f)=RT Delta > 1/2 Window

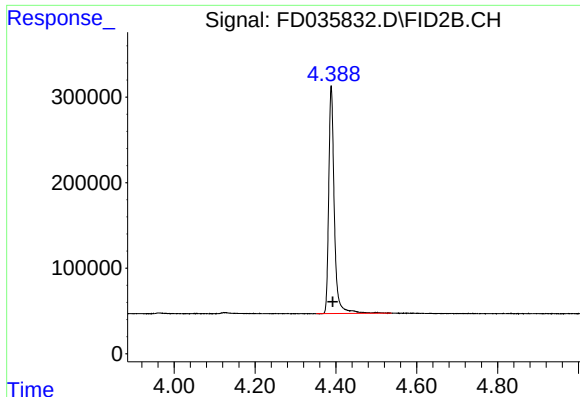
(m)=manual int.

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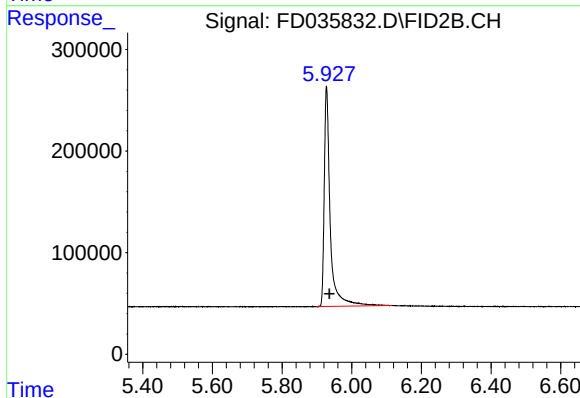
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Signal Info : 20M x 0.18mm x 0.18µm





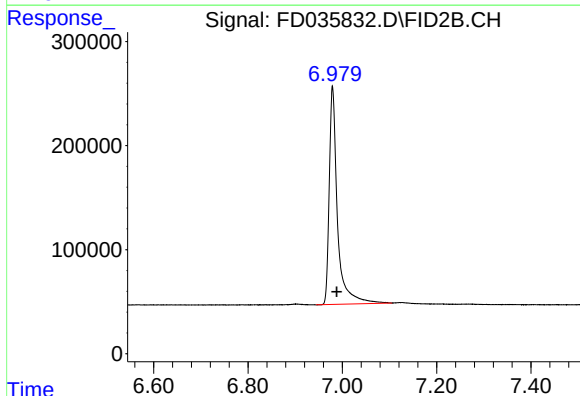
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 2548732
Conc: 20.46 ug/ml



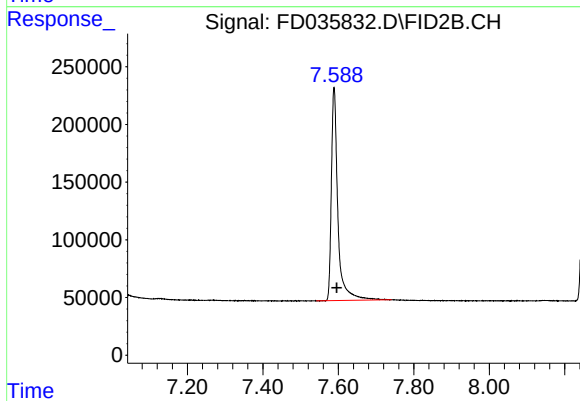
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.008 min
Response: 2594972
Conc: 20.66 ug/ml



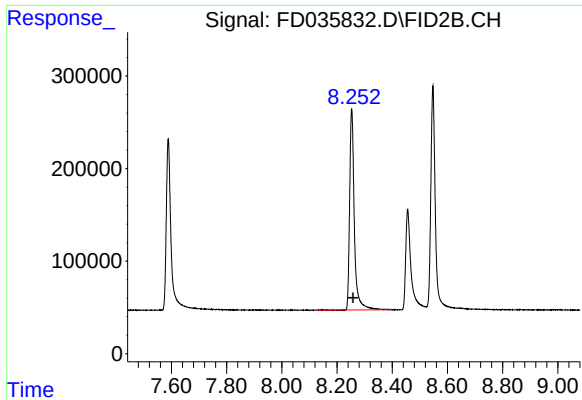
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 2548625
Conc: 20.33 ug/ml



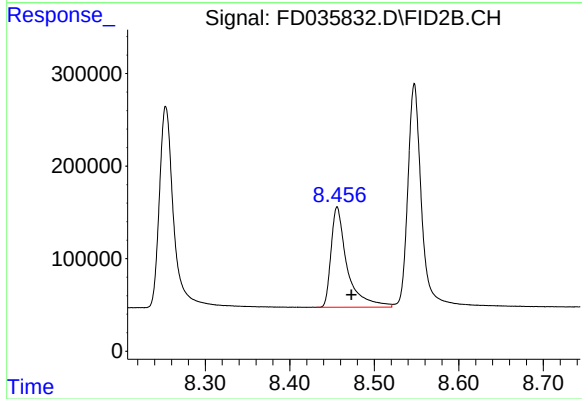
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 2219843
Conc: 20.34 ug/ml



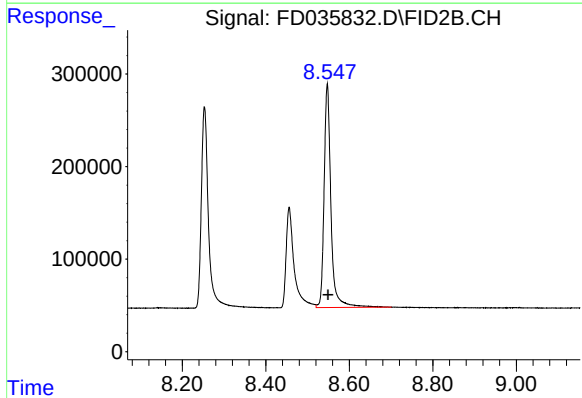
#5 Acenaphthylene (C15.06)

R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 2565907
Conc: 20.28 ug/ml



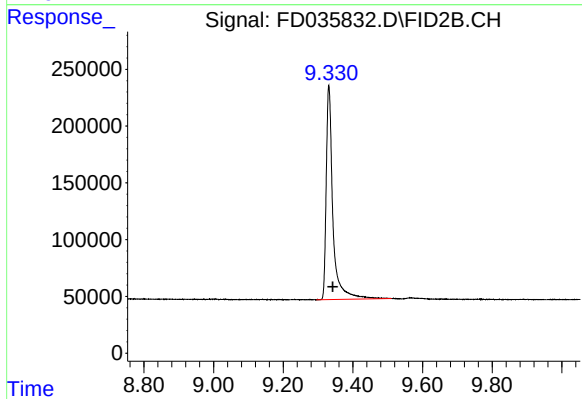
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.016 min
Response: 1435058
Conc: 20.70 ug/ml



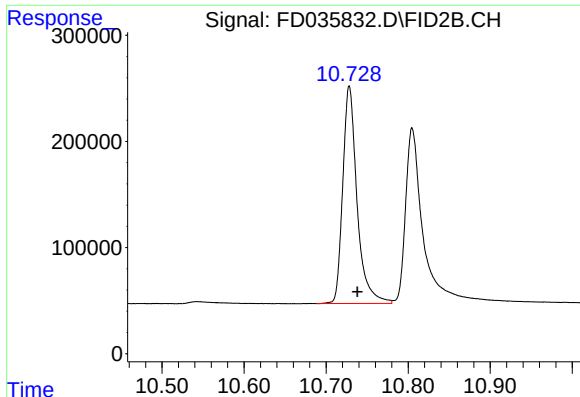
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.002 min
Response: 2750767
Conc: 20.28 ug/ml



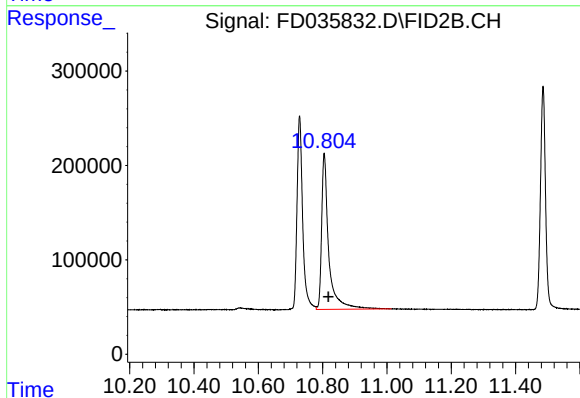
#8 Flouorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.011 min
Response: 2509709
Conc: 20.57 ug/ml



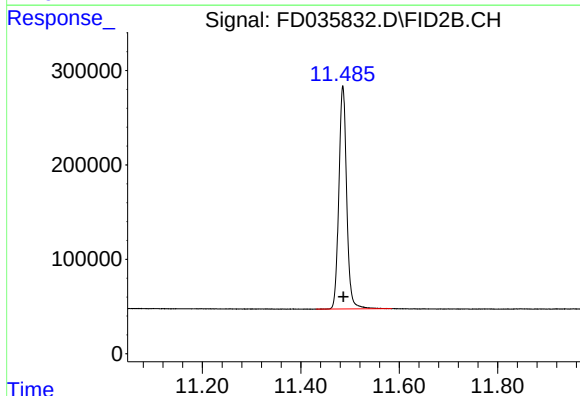
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.010 min
Response: 2480237
Conc: 20.48 ug/ml



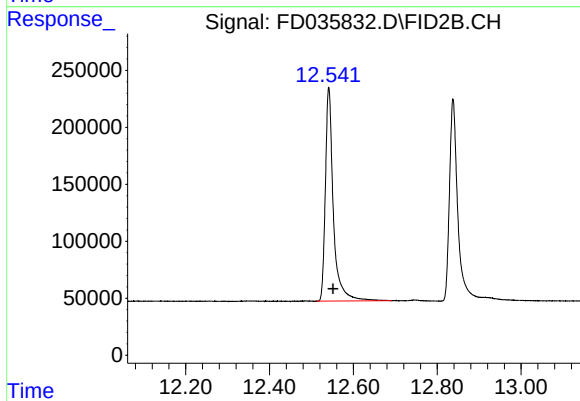
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.012 min
Response: 2546945
Conc: 20.50 ug/ml



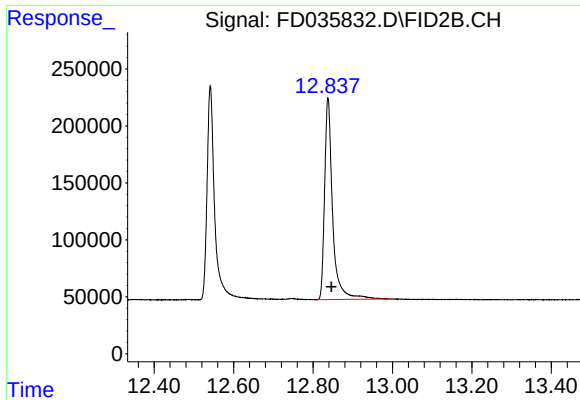
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.001 min
Response: 2604215
Conc: 20.15 ug/ml



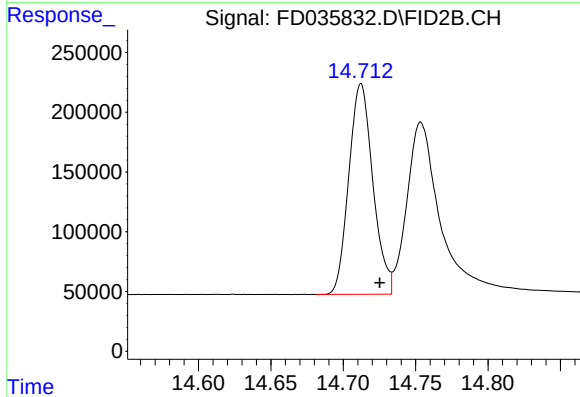
#12 Fluoranthene (C21.85)

R.T.: 12.542 min
Delta R.T.: -0.010 min
Response: 2485808
Conc: 20.40 ug/ml



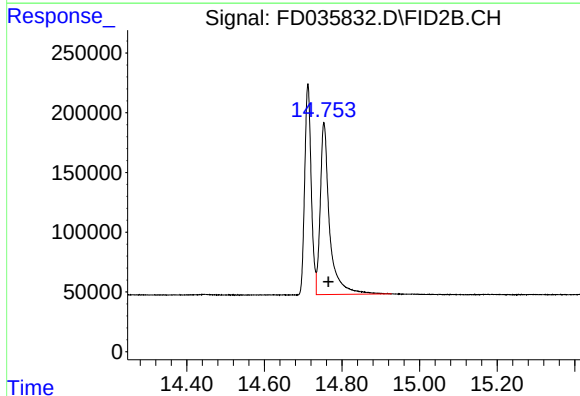
#13 Pyrene (C20.8)

R.T.: 12.838 min
Delta R.T.: -0.008 min
Response: 2490993
Conc: 20.36 ug/ml



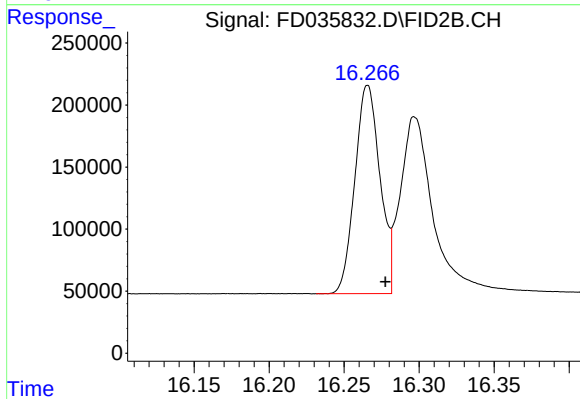
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.013 min
Response: 2041858
Conc: 20.89 ug/ml



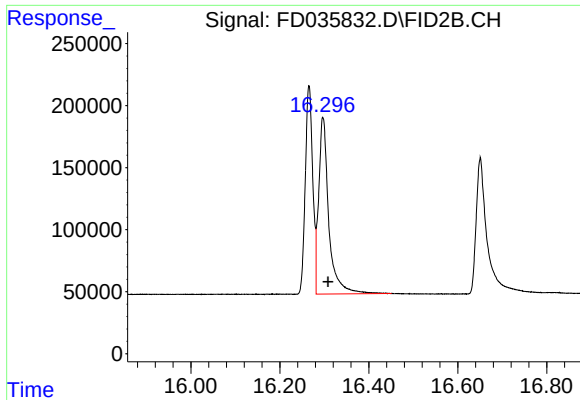
#15 Chrysene (C27.41)

R.T.: 14.754 min
Delta R.T.: -0.011 min
Response: 2428533
Conc: 19.91 ug/ml



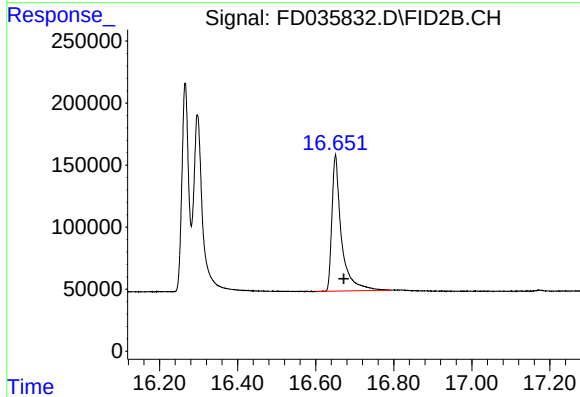
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 1955076
Conc: 20.60 ug/ml



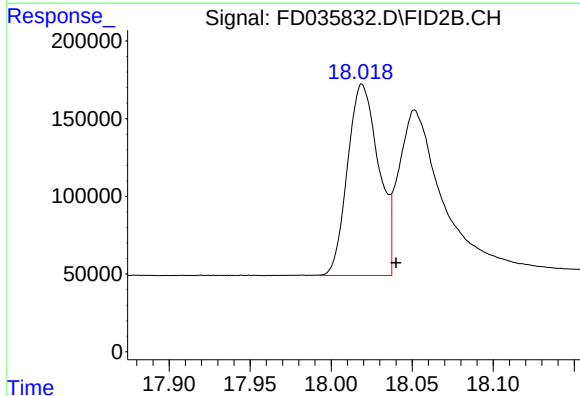
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min
Delta R.T.: -0.011 min
Response: 2244682
Conc: 20.29 ug/ml



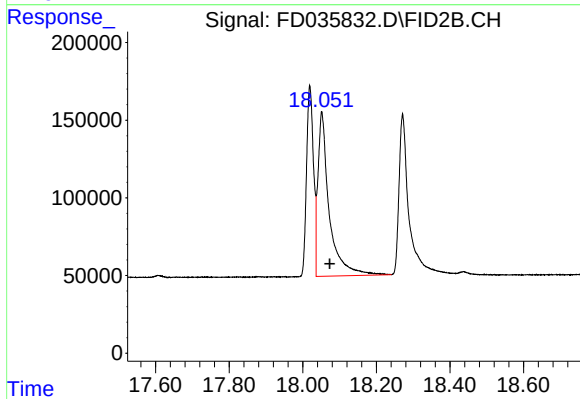
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.021 min
Response: 1862932
Conc: 20.46 ug/ml



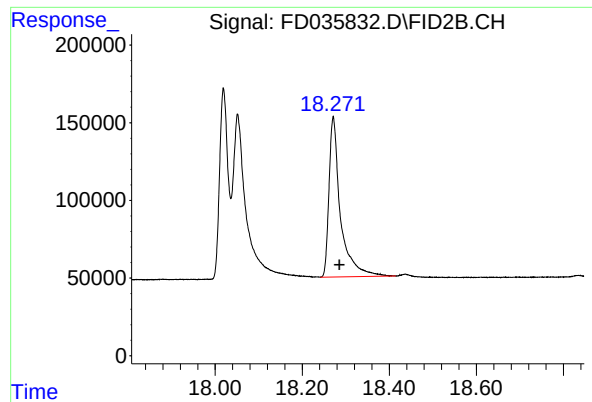
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min
Delta R.T.: -0.022 min
Response: 1650431
Conc: 20.44 ug/ml m



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

R.T.: 18.052 min
Delta R.T.: -0.021 min
Response: 2253894
Conc: 21.19 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.014 min
Response: 1886487
Conc: 20.40 ug/ml