

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035838.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 7:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 08:07:25 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...	7.588	2272465	20.824 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
6) S 2-Fluorobiphenyl (SURR)	8.456	1466925	21.159 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.32%
11) S ortho-Terphenyl (SURR)	11.486	2649792	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.389	2559911	20.546 ug/ml
2) T Naphthalene (C11.7)	5.928	2648525	21.087 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	2580334	20.583 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2587986	20.458 ug/ml
7) T Acenaphthene (C15.5)	8.547	2802349	20.661 ug/ml
8) T Flouorene (C16.55)	9.331	2547051	20.881 ug/ml
9) T Phenanthrene (C19.36)	10.728	2518059	20.797 ug/ml
10) T Anthracene (C19.43)	10.805	2576986	20.738 ug/ml
12) T Fluoranthene (C21.85)	12.541	2524126	20.712 ug/ml
13) T Pyrene (C20.8)	12.838	2525506	20.642 ug/ml
14) T Benzo[a]anthracene (C...	14.713	2064309	21.122 ug/ml
15) T Chrysene (C27.41)	14.755	2473023	20.278 ug/ml
16) T benzo[b]fluoranthene ...	16.266	1971160	20.770 ug/ml
17) T Bnezo[k]fluoranthene ...	16.297	2259208	20.418 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	1897408	20.841 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.053	2259993	27.989 ug/ml
20) T Dibenz[a,h]anthracene...	18.053	2259993	21.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	1885093	20.390 ug/ml

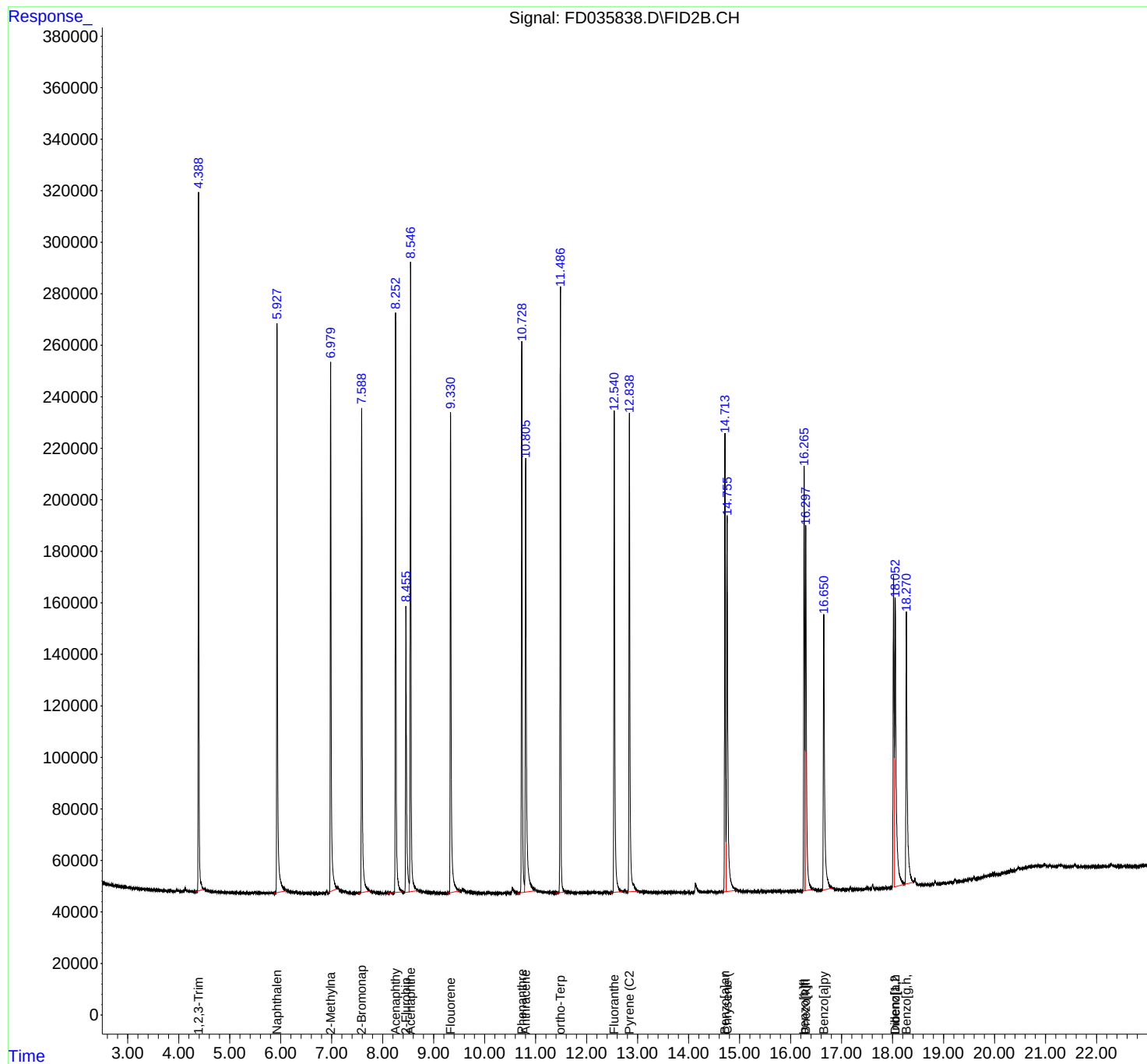
(f)=RT Delta > 1/2 Window

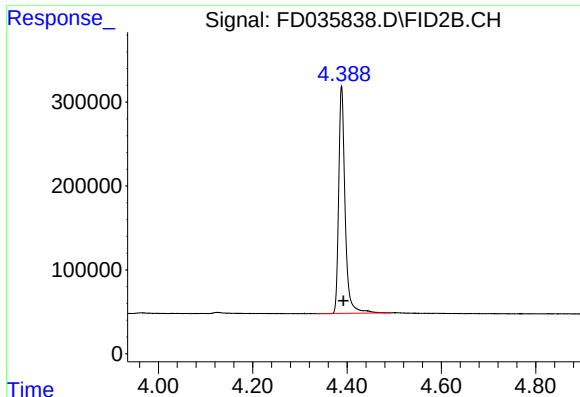
(m)=manual int.

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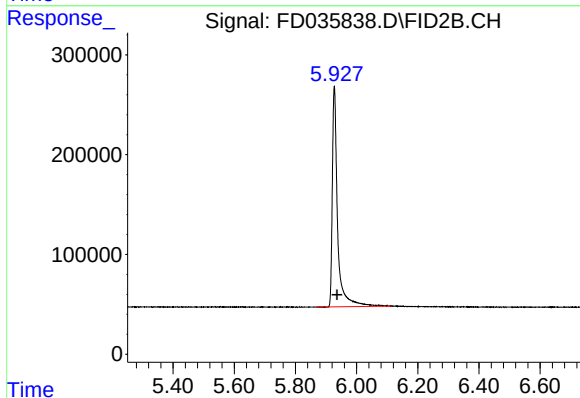
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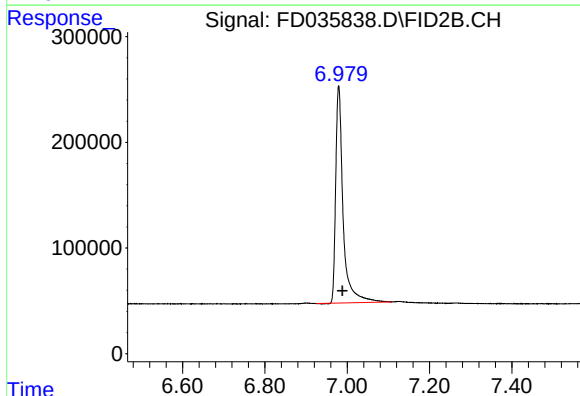
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 2559911
Conc: 20.55 ug/ml



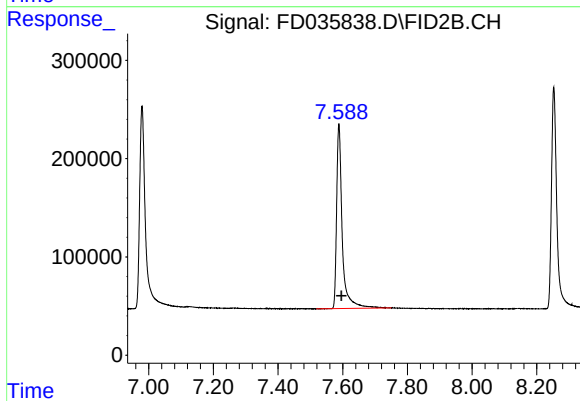
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.008 min
Response: 2648525
Conc: 21.09 ug/ml



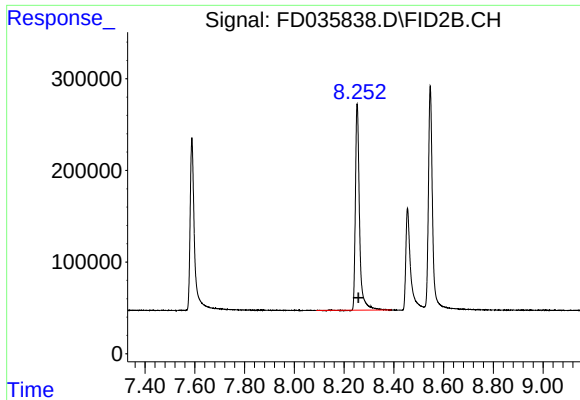
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 2580334
Conc: 20.58 ug/ml



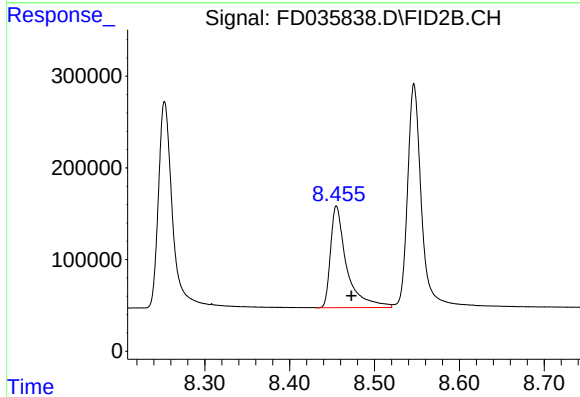
#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.008 min
Response: 2272465
Conc: 20.82 ug/ml



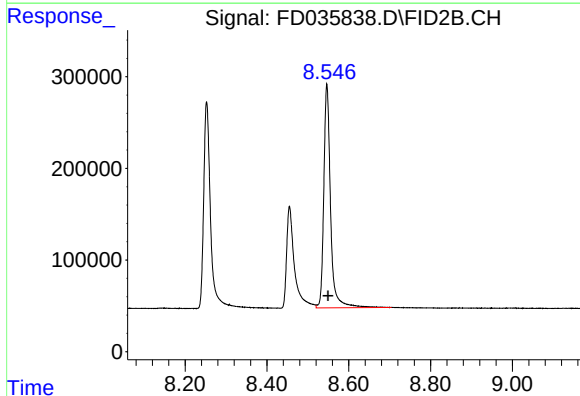
#5 Acenaphthylene (C15.06)

R.T.: 8.253 min
Delta R.T.: -0.005 min
Response: 2587986
Conc: 20.46 ug/ml



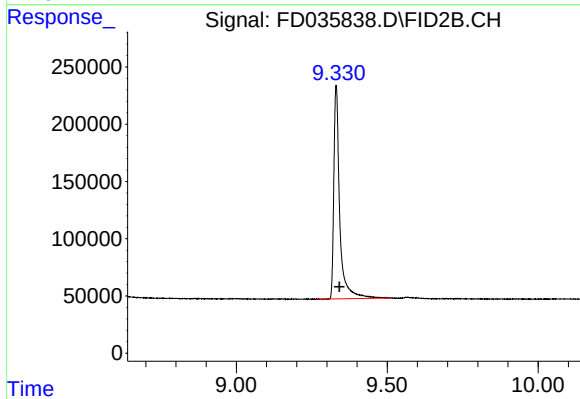
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: -0.017 min
Response: 1466925
Conc: 21.16 ug/ml



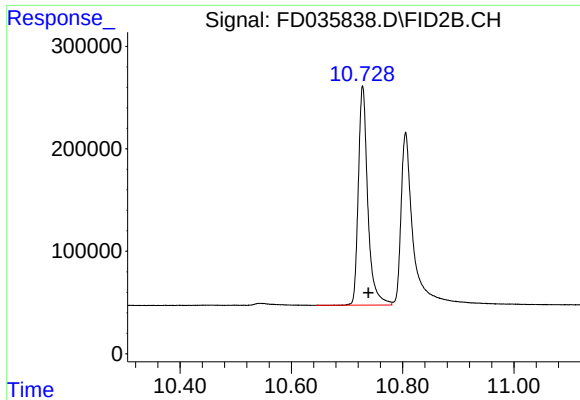
#7 Acenaphthene (C15.5)

R.T.: 8.547 min
Delta R.T.: -0.003 min
Response: 2802349
Conc: 20.66 ug/ml



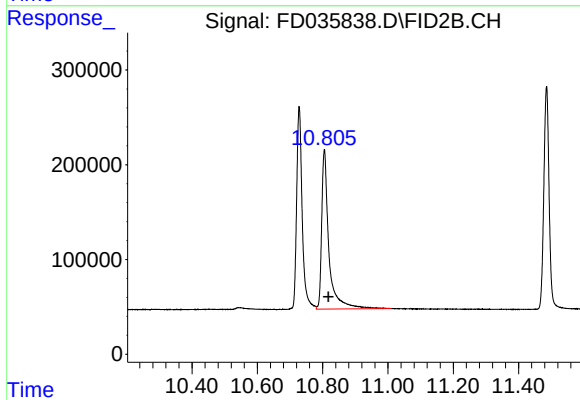
#8 Fluorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.011 min
Response: 2547051
Conc: 20.88 ug/ml



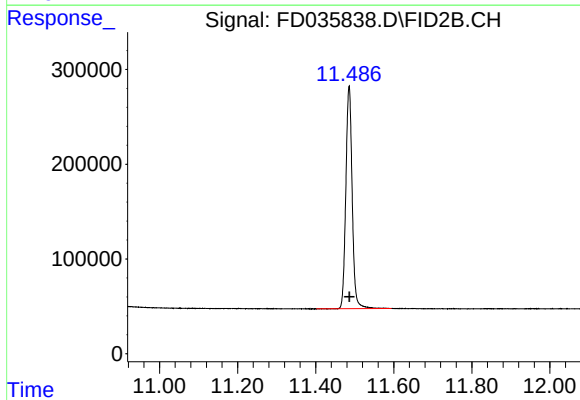
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: -0.010 min
Response: 2518059
Conc: 20.80 ug/ml



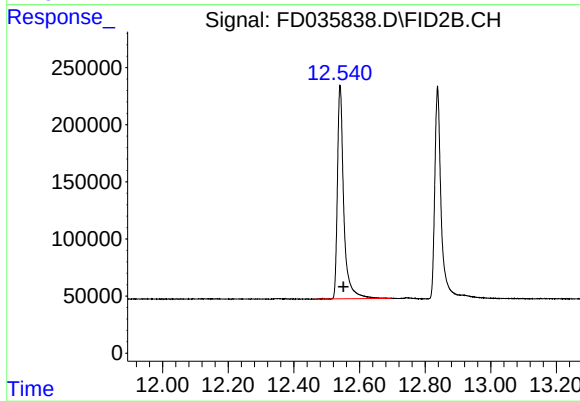
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.012 min
Response: 2576986
Conc: 20.74 ug/ml



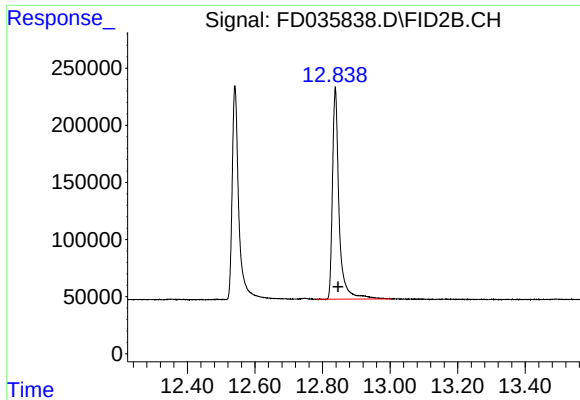
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: -0.001 min
Response: 2649792
Conc: 20.50 ug/ml



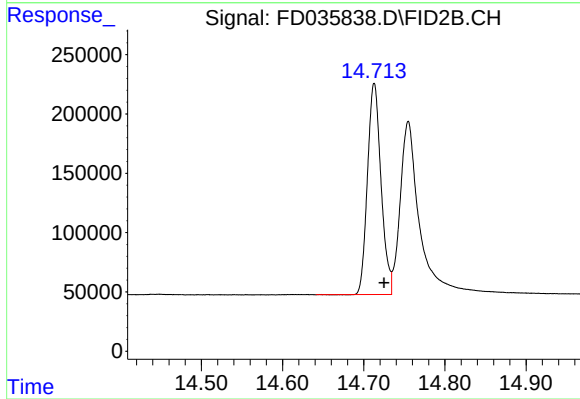
#12 Fluoranthene (C21.85)

R.T.: 12.541 min
Delta R.T.: -0.010 min
Response: 2524126
Conc: 20.71 ug/ml



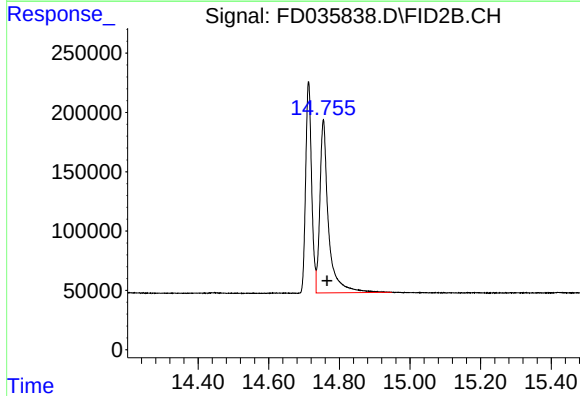
#13 Pyrene (C20.8)

R.T.: 12.838 min
Delta R.T.: -0.008 min
Response: 2525506
Conc: 20.64 ug/ml



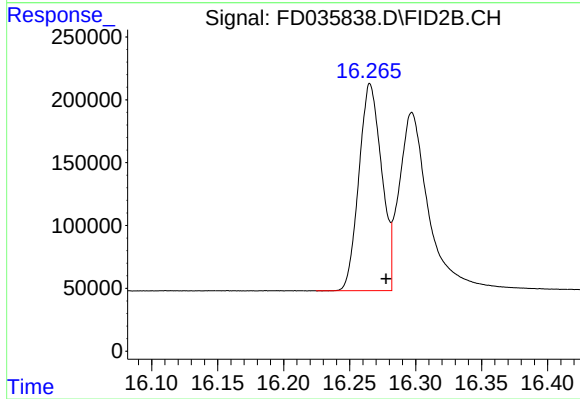
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.713 min
Delta R.T.: -0.012 min
Response: 2064309
Conc: 21.12 ug/ml



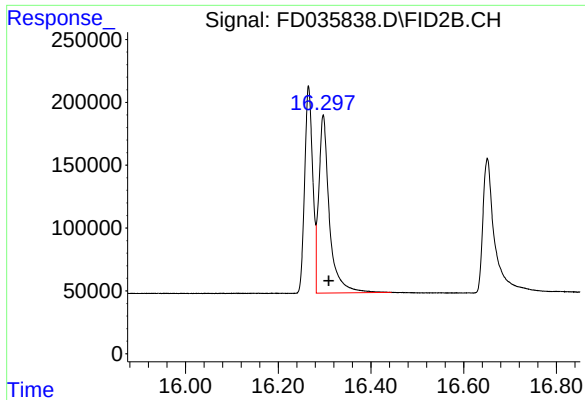
#15 Chrysene (C27.41)

R.T.: 14.755 min
Delta R.T.: -0.010 min
Response: 2473023
Conc: 20.28 ug/ml



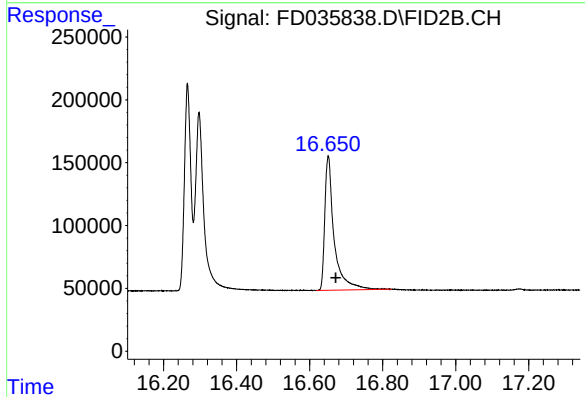
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.266 min
Delta R.T.: -0.012 min
Response: 1971160
Conc: 20.77 ug/ml



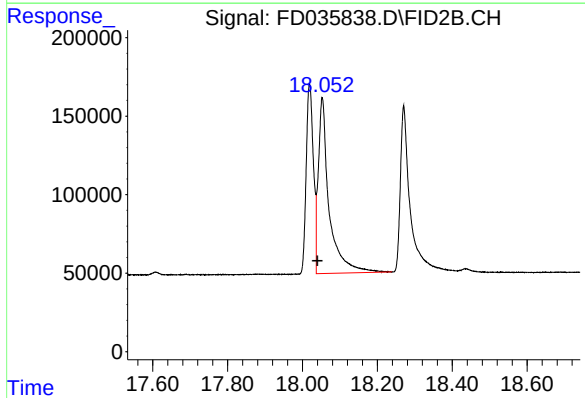
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min
Delta R.T.: -0.011 min
Response: 2259208
Conc: 20.42 ug/ml



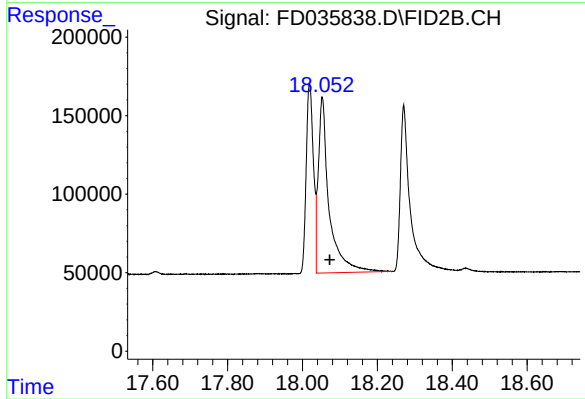
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.020 min
Response: 1897408
Conc: 20.84 ug/ml



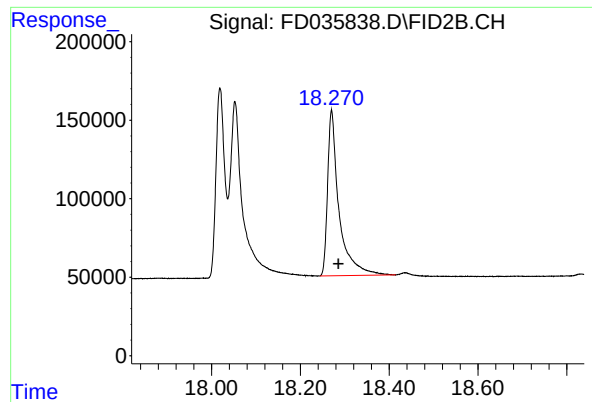
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.053 min
Delta R.T.: 0.013 min
Response: 2259993
Conc: 27.99 ug/ml



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

R.T.: 18.053 min
Delta R.T.: -0.020 min
Response: 2259993
Conc: 21.25 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.015 min
Response: 1885093
Conc: 20.39 ug/ml