

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AR\
 Data File : FD033445.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2020 19:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 04:16:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 04:14:31 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...	7.586	2102892	19.122 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
6) S 2-Fluorobiphenyl (SURR)	8.449	1417179	19.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.55%
11) S ortho-Terphenyl (SURR)	11.480	2461873	19.078 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	2165442	19.028 ug/ml
2) T Naphthalene (C11.7)	5.929	2251049	19.099 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	2283479	19.175 ug/ml
5) T Acenaphthylene (C15.06)	8.250	2294543	19.008 ug/ml
7) T Acenaphthene (C15.5)	8.545	2399851	19.013 ug/ml
8) T Fluorene (C16.55)	9.325	2351990	19.205 ug/ml
9) T Phenanthrene (C19.36)	10.720	2423998	19.175 ug/ml
10) T Anthracene (C19.43)	10.795	2346119	19.282 ug/ml
12) T Fluoranthene (C21.85)	12.530	2505804	19.339 ug/ml
13) T Pyrene (C20.8)	12.827	2493714	19.303 ug/ml
14) T Benzo[a]anthracene (C...	14.700	2397493	19.626 ug/ml
15) T Chrysene (C27.41)	14.741	2496899	19.391 ug/ml
16) T benzo[b]fluoranthene ...	16.285	2497566	20.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	2497566	19.398 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	2428761	19.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2467421	20.800 ug/ml
20) T Dibenz[a,h]anthracene...	18.037	2467421	19.958 ug/ml
21) T Benzo[g,h,i]perylene ...	18.256	2371025	19.651 ug/ml

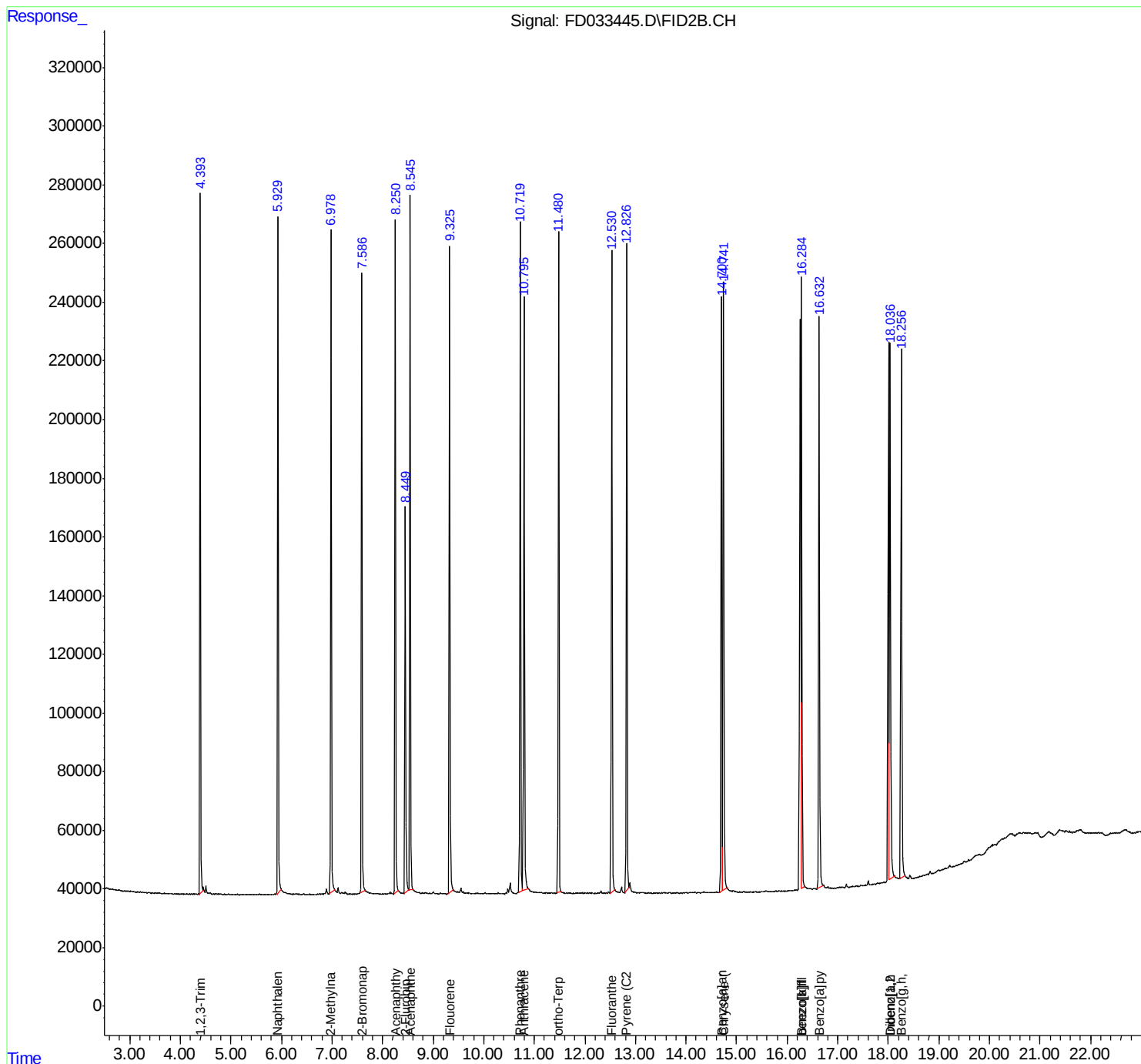
(f)=RT Delta > 1/2 Window

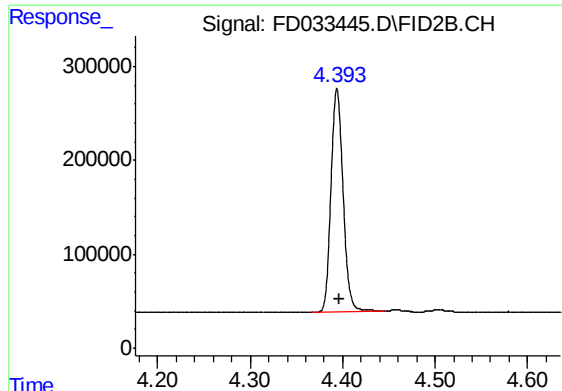
(m)=manual int.

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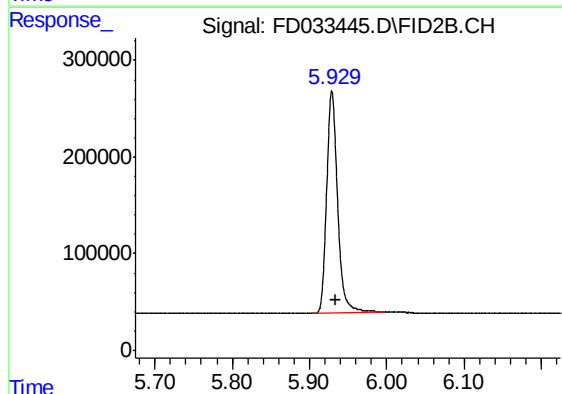
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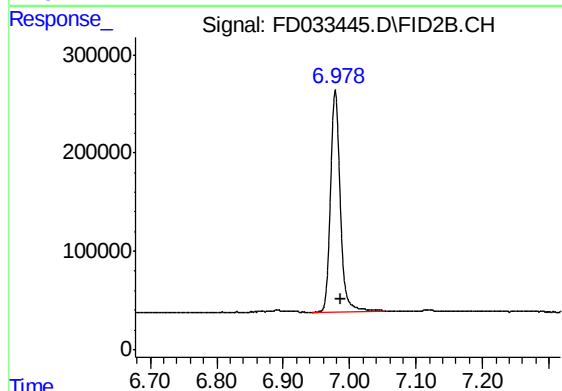
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.394 min
Delta R.T.: -0.003 min
Response: 2165442
Conc: 19.03 ug/ml



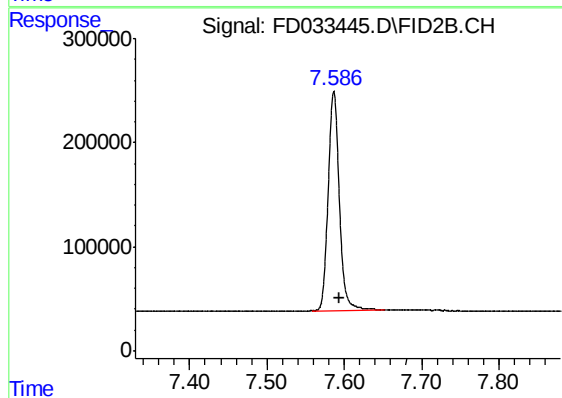
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 2251049
Conc: 19.10 ug/ml



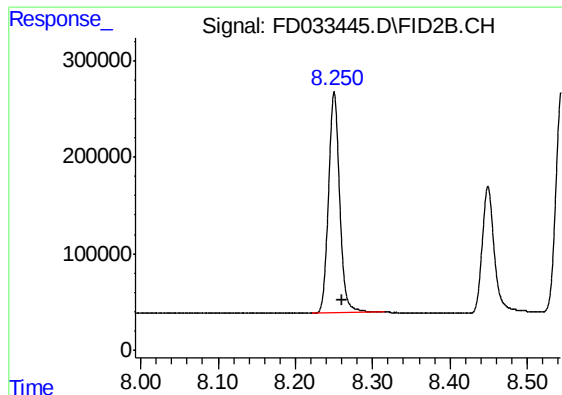
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.008 min
Response: 2283479
Conc: 19.17 ug/ml



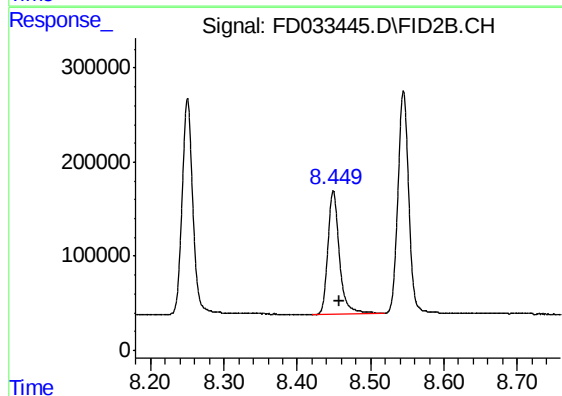
#4 2-Bromonaphthalene (SURR)

R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 2102892
Conc: 19.12 ug/ml



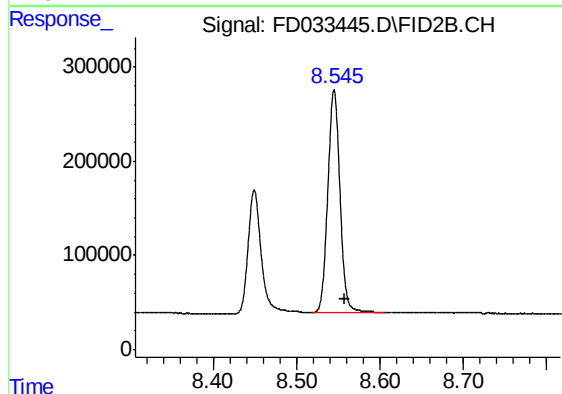
#5 Acenaphthylene (C15.06)

R.T.: 8.250 min
Delta R.T.: -0.010 min
Response: 2294543
Conc: 19.01 ug/ml



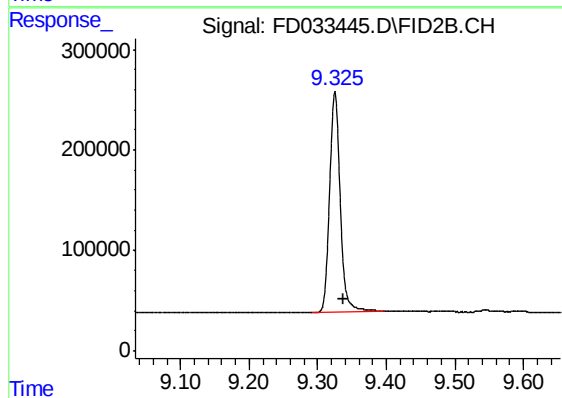
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.008 min
Response: 1417179
Conc: 19.27 ug/ml



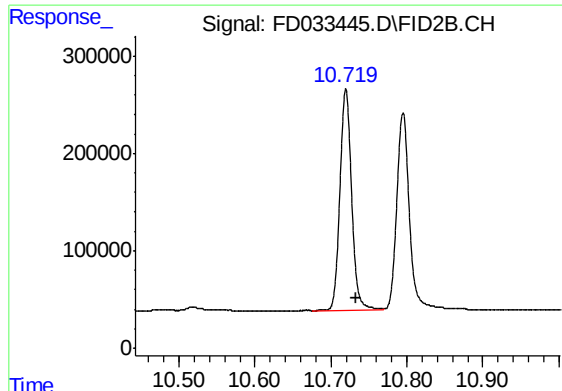
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.012 min
Response: 2399851
Conc: 19.01 ug/ml



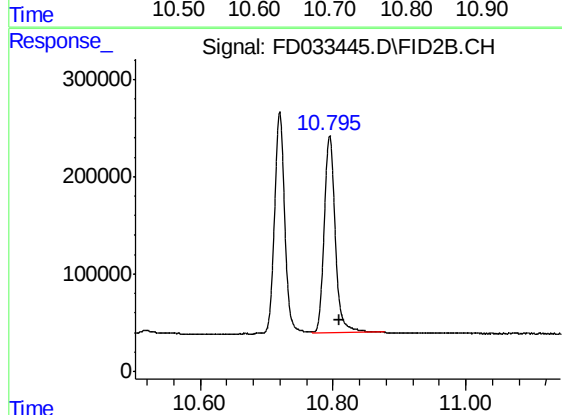
#8 Flouorene (C16.55)

R.T.: 9.325 min
Delta R.T.: -0.012 min
Response: 2351990
Conc: 19.21 ug/ml



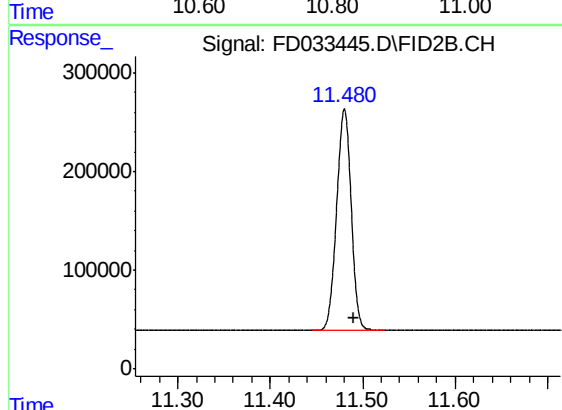
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.013 min
Response: 2423998
Conc: 19.18 ug/ml



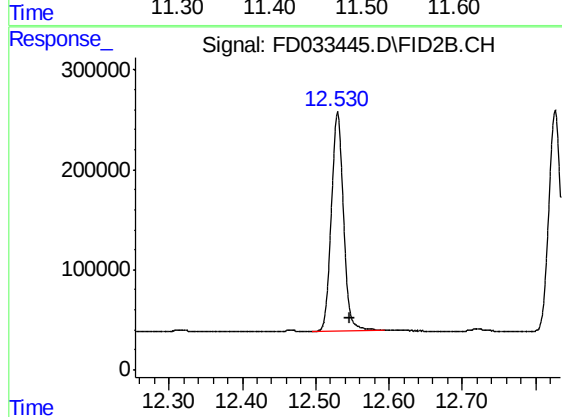
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.015 min
Response: 2346119
Conc: 19.28 ug/ml



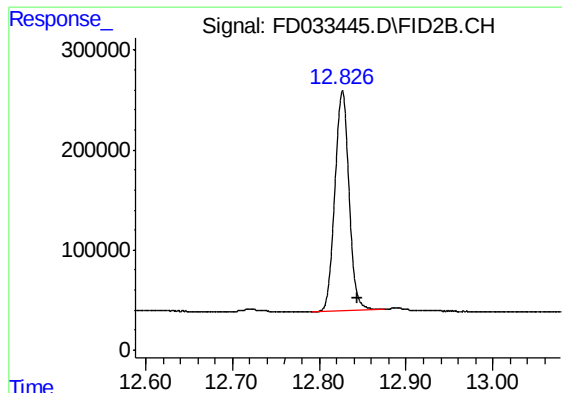
#11 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: -0.011 min
Response: 2461873
Conc: 19.08 ug/ml



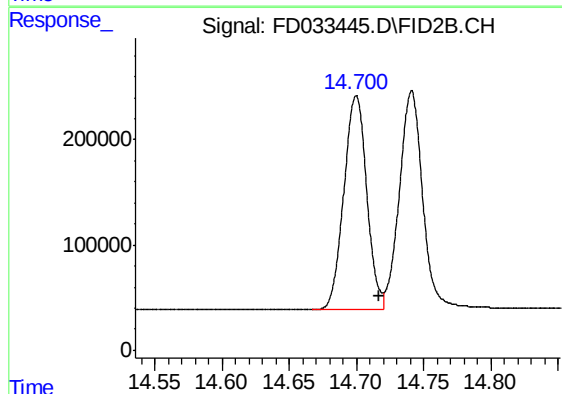
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.017 min
Response: 2505804
Conc: 19.34 ug/ml



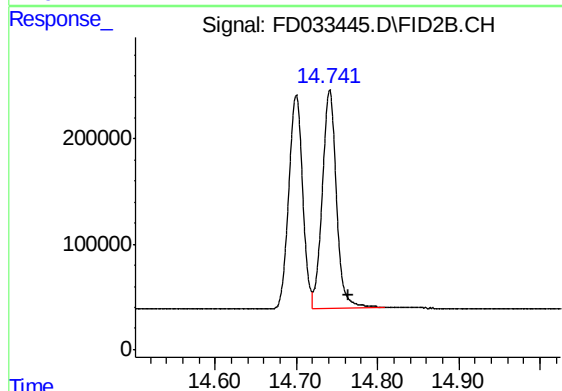
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: -0.017 min
Response: 2493714
Conc: 19.30 ug/ml



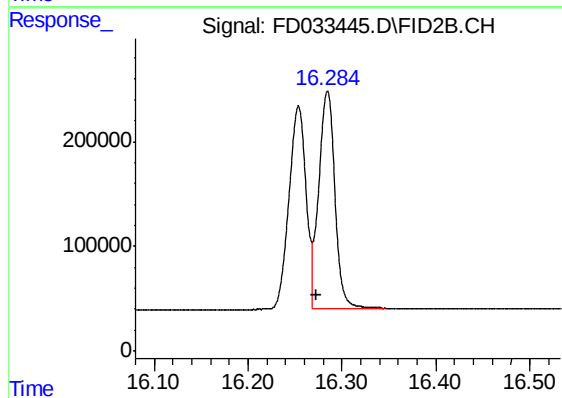
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: -0.017 min
Response: 2397493
Conc: 19.63 ug/ml



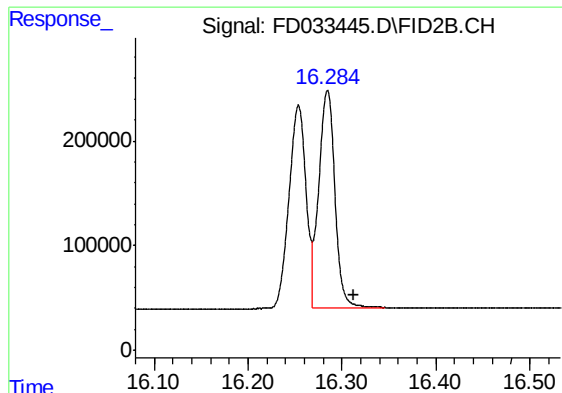
#15 Chrysene (C27.41)

R.T.: 14.741 min
Delta R.T.: -0.024 min
Response: 2496899
Conc: 19.39 ug/ml



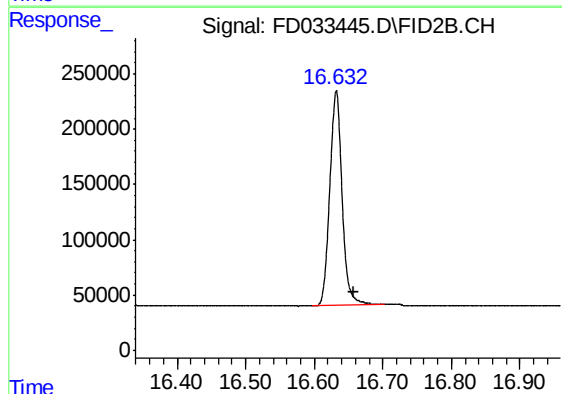
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.285 min
Delta R.T.: 0.012 min
Response: 2497566
Conc: 20.07 ug/ml



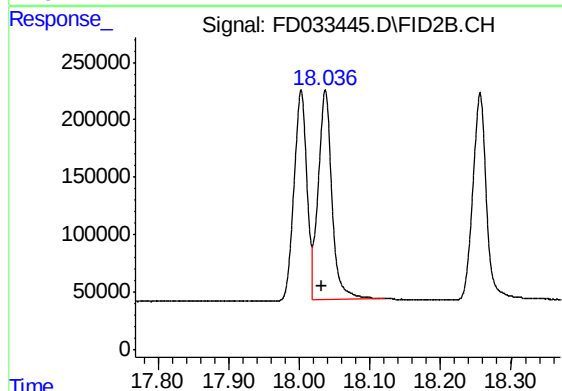
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.285 min
Delta R.T.: -0.028 min
Response: 2497566
Conc: 19.40 ug/ml



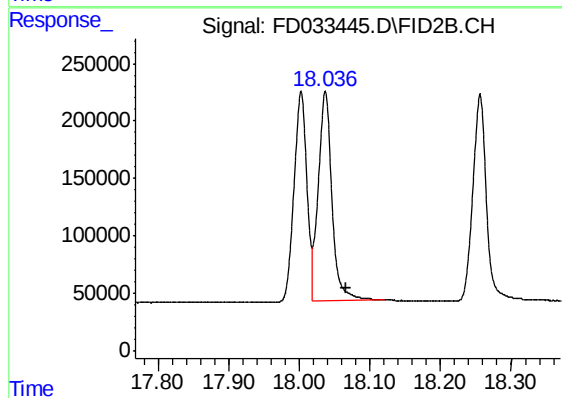
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: -0.026 min
Response: 2428761
Conc: 19.66 ug/ml



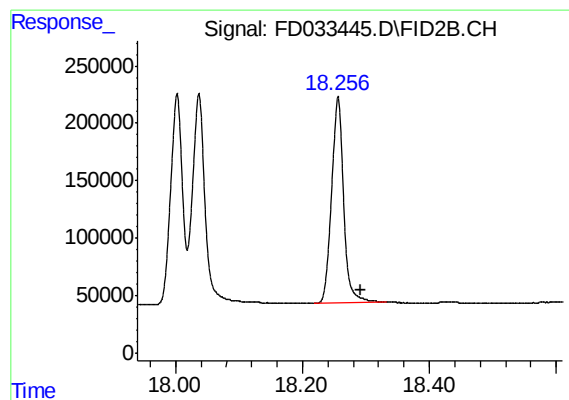
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.005 min
Response: 2467421
Conc: 20.80 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.029 min
Response: 2467421
Conc: 19.96 ug/ml



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

R.T.: 18.256 min
Delta R.T.: -0.035 min
Response: 2371025
Conc: 19.65 ug/ml