

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040820AR\
 Data File : FD032871.D
 Signal(s) : FID2B.CH
 Acq On : 08 Apr 2020 8:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 02:06:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.601	3191047	21.749 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
6) S 2-Fluorobiphenyl (SURR)	8.464	2110998	21.638 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.28%
11) S ortho-Terphenyl (SURR)	11.500	3358377	21.014 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3370368	21.698 ug/ml
2) T Naphthalene (C11.7)	5.942	3590674	22.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.992	3520773	21.818 ug/ml
5) T Acenaphthylene (C15.06)	8.266	3331651	21.537 ug/ml
7) T Acenaphthene (C15.5)	8.562	3482037	21.639 ug/ml
8) T Fluorene (C16.55)	9.342	3365295	21.647 ug/ml
9) T Phenanthrene (C19.36)	10.736	3315627	21.167 ug/ml
10) T Anthracene (C19.43)	10.811	3197814	20.995 ug/ml
12) T Fluoranthene (C21.85)	12.547	3189507	20.238 ug/ml
13) T Pyrene (C20.8)	12.844	3126846	20.023 ug/ml
14) T Benzo[a]anthracene (C...	14.715	2771125	19.467 ug/ml
15) T Chrysene (C27.41)	14.757	2854930	19.349 ug/ml
16) T benzo[b]fluoranthene ...	16.298	2670461	19.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.298	2670461	19.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.645	2593900	19.581 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.050	2625551	21.752 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	2625551	20.959 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	2554315	21.105 ug/ml

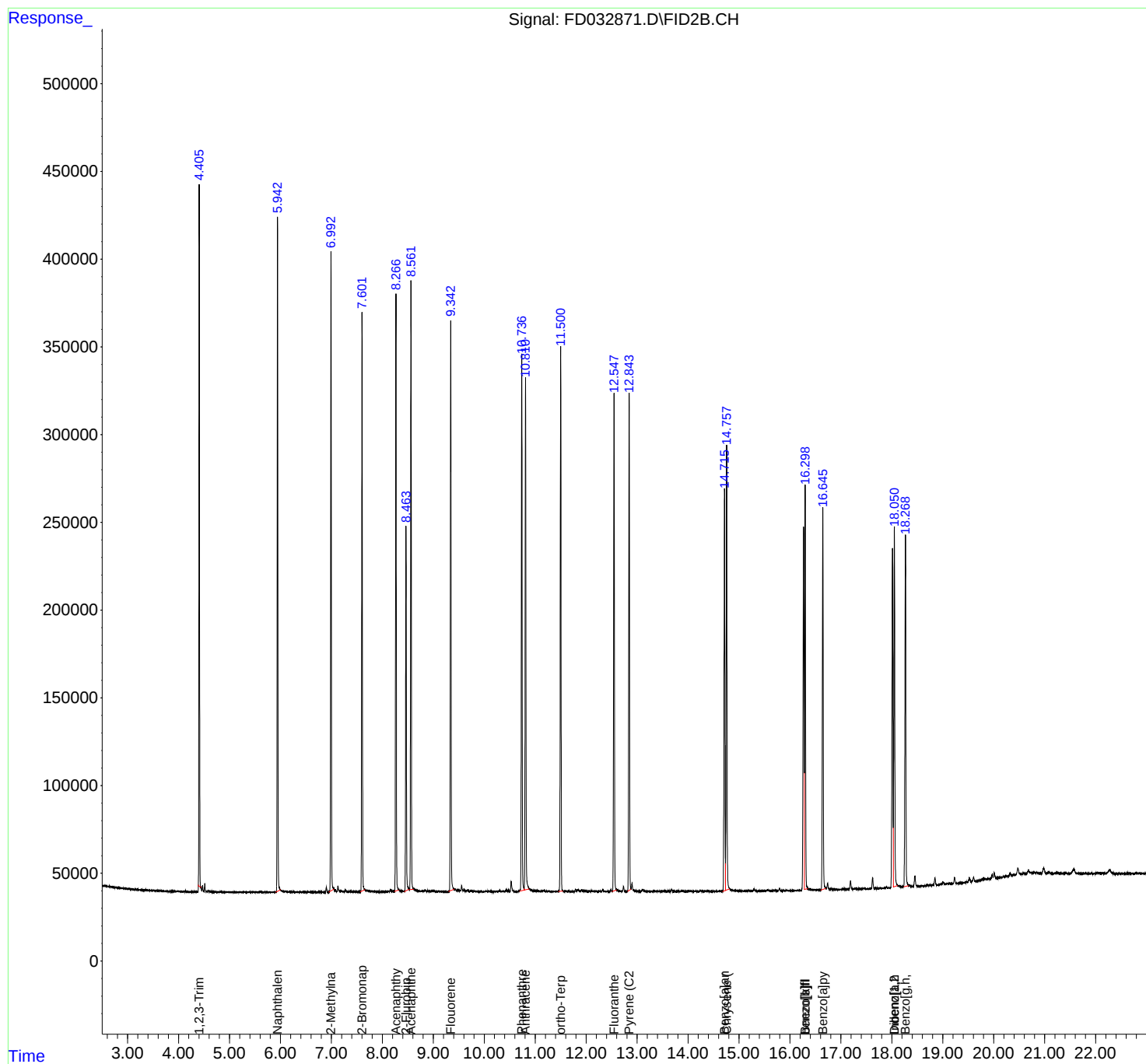
(f)=RT Delta > 1/2 Window

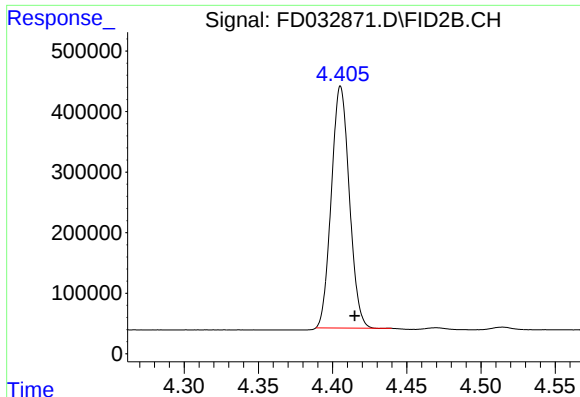
(m)=manual int.

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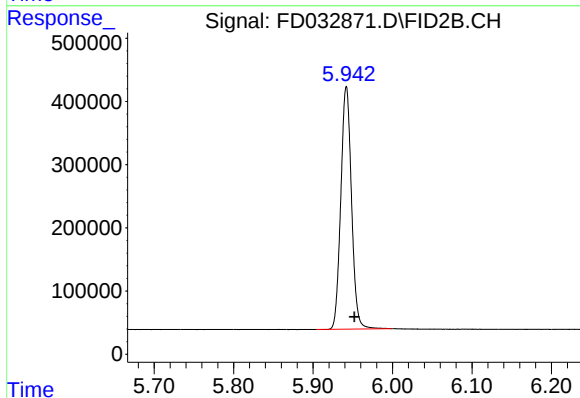
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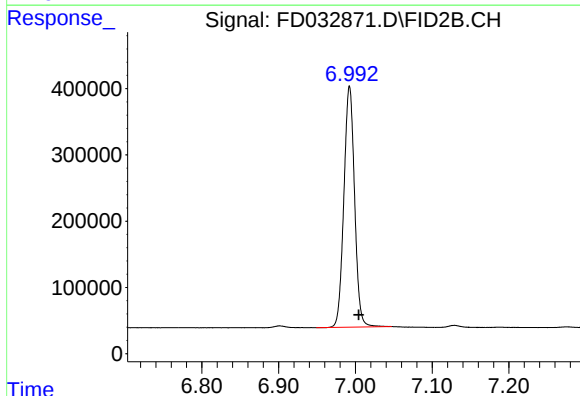
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.010 min
Response: 3370368
Conc: 21.70 ug/ml



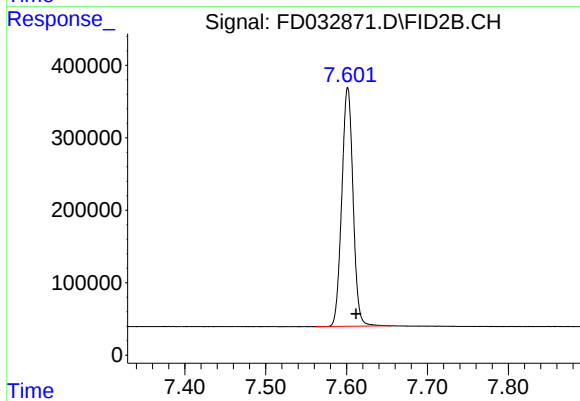
#2 Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.010 min
Response: 3590674
Conc: 22.01 ug/ml



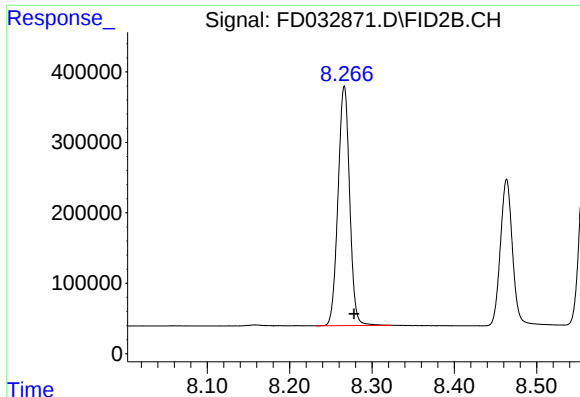
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.012 min
Response: 3520773
Conc: 21.82 ug/ml



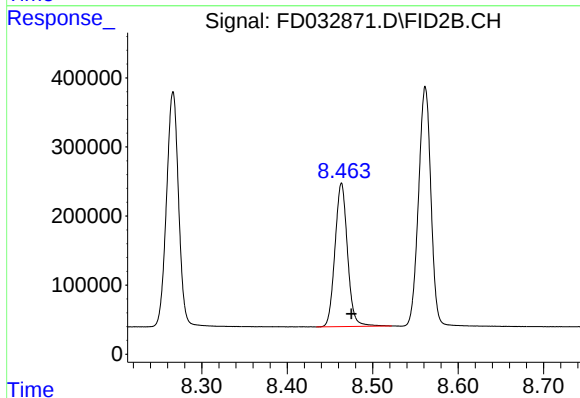
#4 2-Bromonaphthalene (SURR)

R.T.: 7.601 min
Delta R.T.: -0.010 min
Response: 3191047
Conc: 21.75 ug/ml



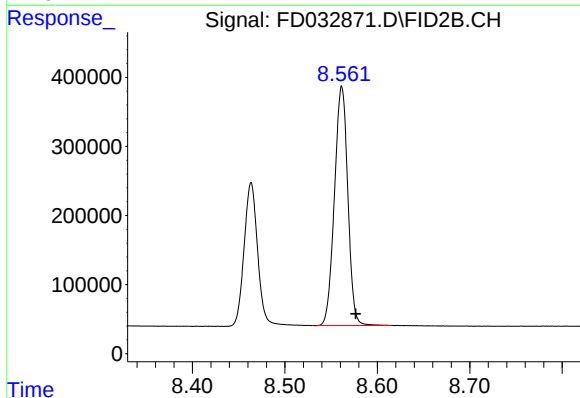
#5 Acenaphthylene (C15.06)

R.T.: 8.266 min
Delta R.T.: -0.012 min
Response: 3331651
Conc: 21.54 ug/ml



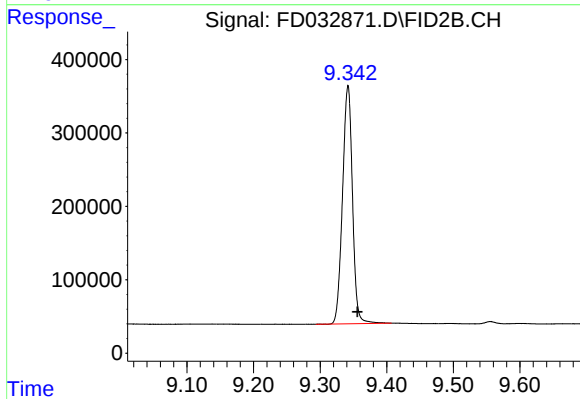
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.464 min
Delta R.T.: -0.012 min
Response: 2110998
Conc: 21.64 ug/ml



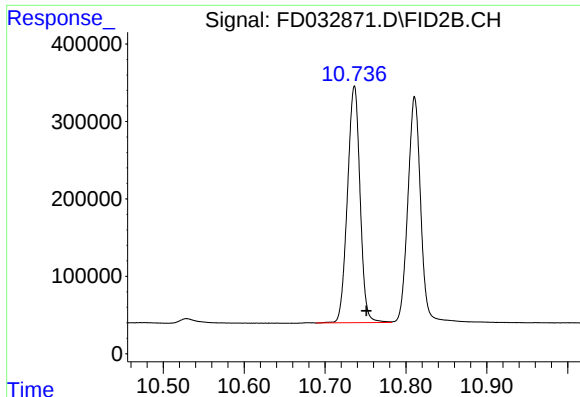
#7 Acenaphthene (C15.5)

R.T.: 8.562 min
Delta R.T.: -0.015 min
Response: 3482037
Conc: 21.64 ug/ml



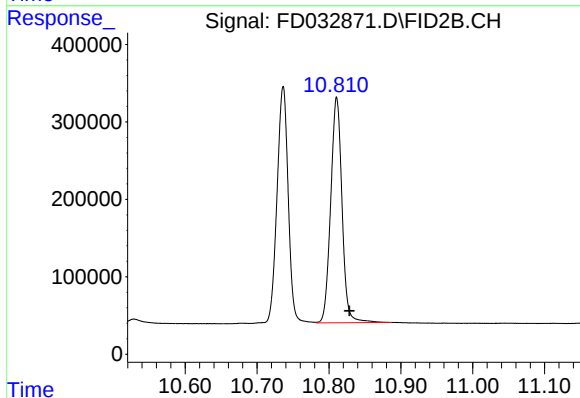
#8 Fluorene (C16.55)

R.T.: 9.342 min
Delta R.T.: -0.014 min
Response: 3365295
Conc: 21.65 ug/ml



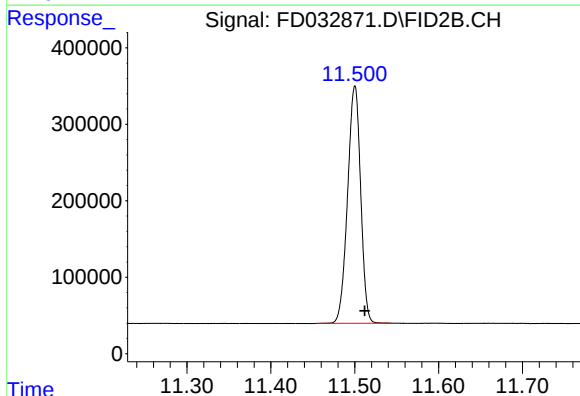
#9 Phenanthrene (C19.36)

R.T.: 10.736 min
Delta R.T.: -0.015 min
Response: 3315627
Conc: 21.17 ug/ml



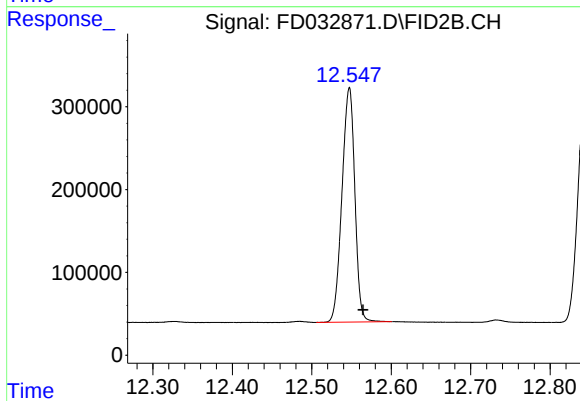
#10 Anthracene (C19.43)

R.T.: 10.811 min
Delta R.T.: -0.018 min
Response: 3197814
Conc: 21.00 ug/ml



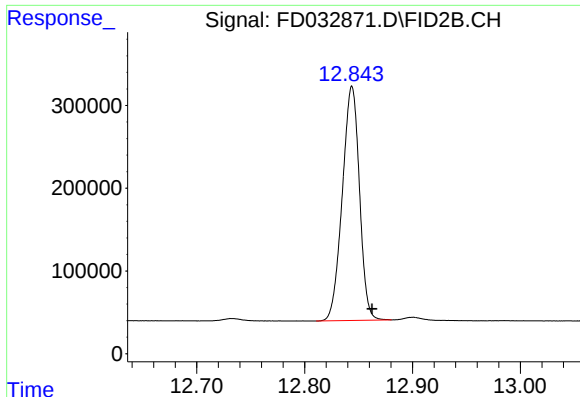
#11 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.012 min
Response: 3358377
Conc: 21.01 ug/ml



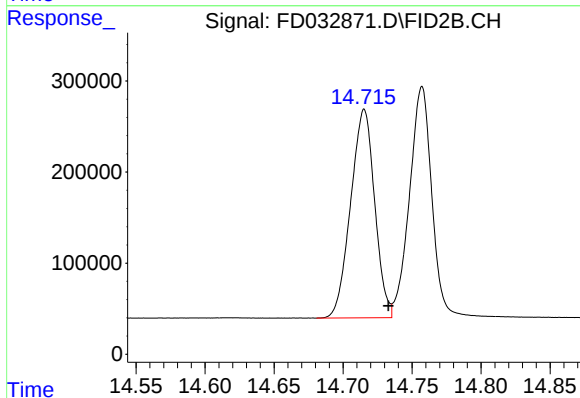
#12 Fluoranthene (C21.85)

R.T.: 12.547 min
Delta R.T.: -0.017 min
Response: 3189507
Conc: 20.24 ug/ml



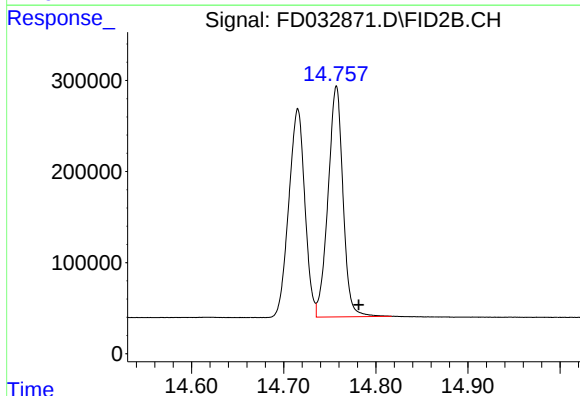
#13 Pyrene (C20.8)

R.T.: 12.844 min
Delta R.T.: -0.019 min
Response: 3126846
Conc: 20.02 ug/ml



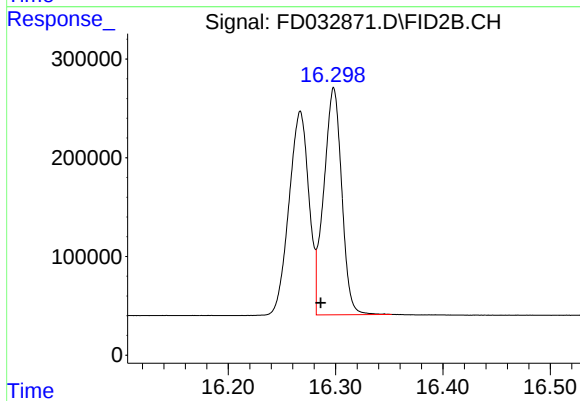
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.715 min
Delta R.T.: -0.017 min
Response: 2771125
Conc: 19.47 ug/ml



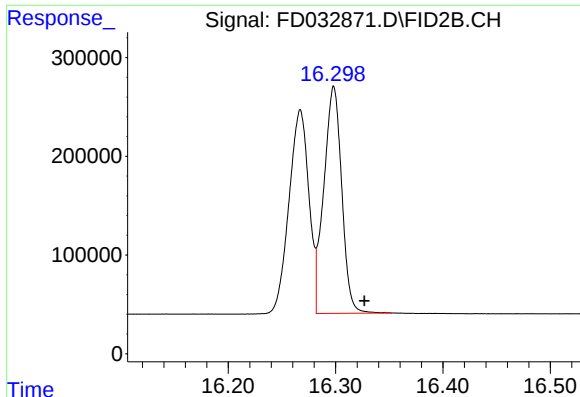
#15 Chrysene (C27.41)

R.T.: 14.757 min
Delta R.T.: -0.024 min
Response: 2854930
Conc: 19.35 ug/ml



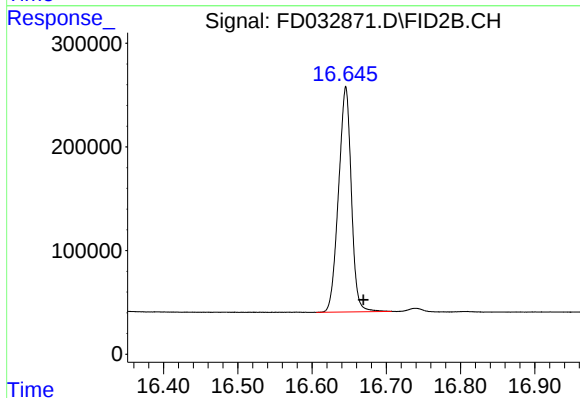
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.298 min
Delta R.T.: 0.012 min
Response: 2670461
Conc: 19.57 ug/ml



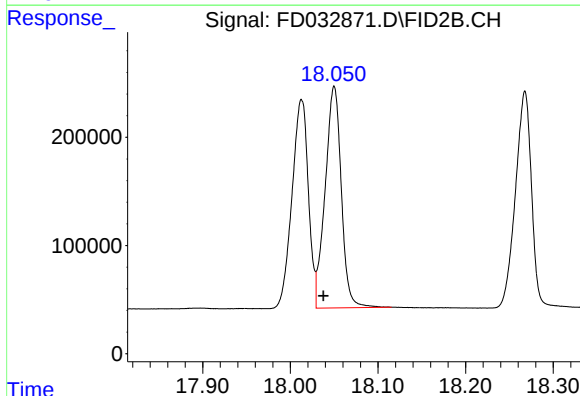
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.298 min
Delta R.T.: -0.028 min
Response: 2670461
Conc: 19.40 ug/ml



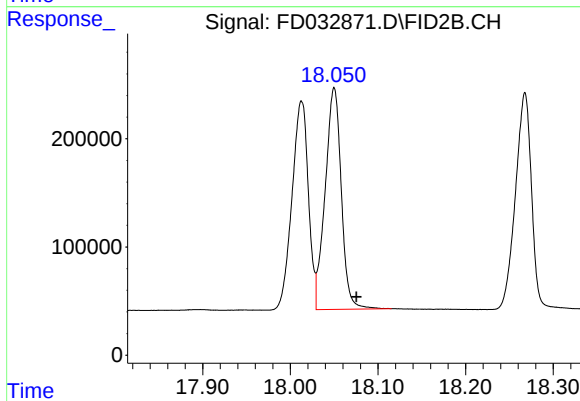
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.645 min
Delta R.T.: -0.024 min
Response: 2593900
Conc: 19.58 ug/ml



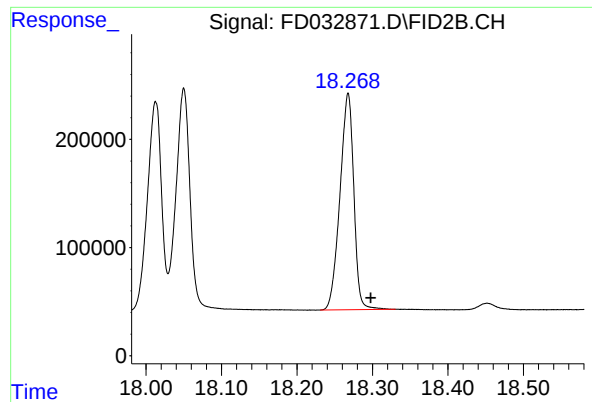
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.050 min
Delta R.T.: 0.012 min
Response: 2625551
Conc: 21.75 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.025 min
Response: 2625551
Conc: 20.96 ug/ml



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

R.T.: 18.268 min
Delta R.T.: -0.030 min
Response: 2554315
Conc: 21.11 ug/ml