

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072419AR\
 Data File : FD029824.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jul 2019 12:46
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 02:22:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.685	3548361	22.424 ug/ml
Spiked Amount 50.000		Recovery =	44.85%
6) S 2-Fluorobiphenyl (SURR)	8.547	2387222	22.224 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.45%
11) S ortho-Terphenyl (SURR)	11.583	3685086	21.714 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.485	3826283	22.631 ug/ml
2) T Naphthalene (C11.7)	6.024	4037883	22.562 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	3959411	22.444 ug/ml
5) T Acenaphthylene (C15.06)	8.351	3732026	22.045 ug/ml
7) T Acenaphthene (C15.5)	8.647	3923528	22.266 ug/ml
8) T Flouorene (C16.55)	9.426	3851636	22.043 ug/ml
9) T Phenanthrene (C19.36)	10.820	3774469	21.766 ug/ml
10) T Anthracene (C19.43)	10.894	3488681	20.633 ug/ml
12) T Fluoranthene (C21.85)	12.627	3606031	21.058 ug/ml
13) T Pyrene (C20.8)	12.924	3558224	20.917 ug/ml
14) T Benzo[a]anthracene (C...	14.789	3121258	20.022 ug/ml
15) T Chrysene (C27.41)	14.832	3140554	20.149 ug/ml
16) T benzo[b]fluoranthene ...	16.334	2911896	19.941 ug/ml
17) T Bnezo[k]fluoranthene ...	16.366	2866212	19.818 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.711	2786860	19.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	2704356	21.227 ug/ml
20) T Dibenz[a,h]anthracene...	18.110	2743998	21.941 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	2732786	21.908 ug/ml

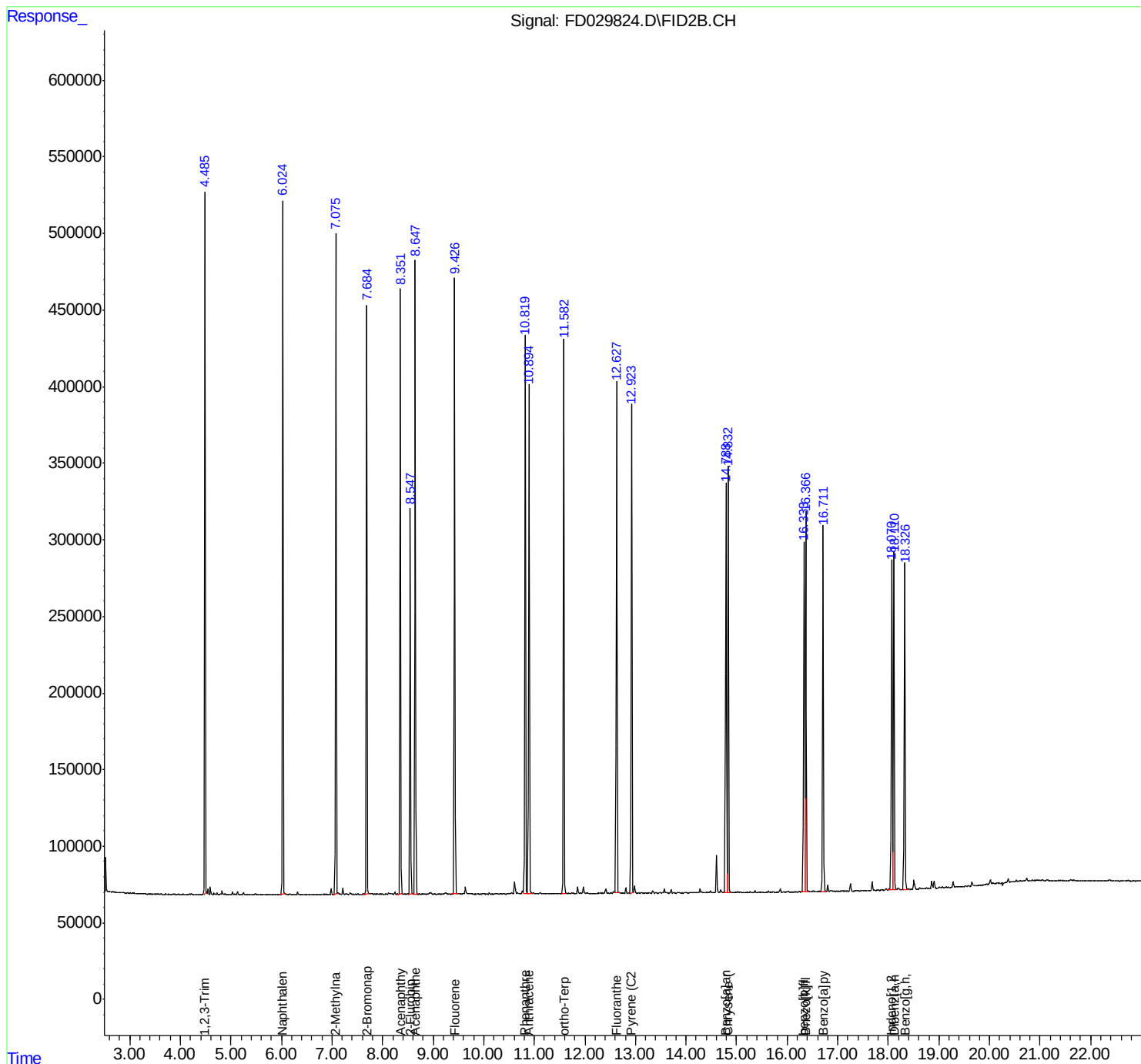
(f)=RT Delta > 1/2 Window

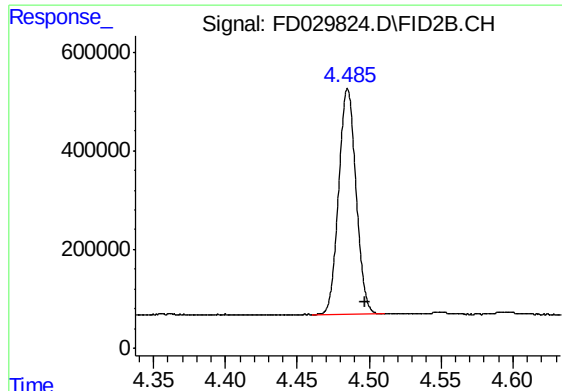
(m)=manual int.

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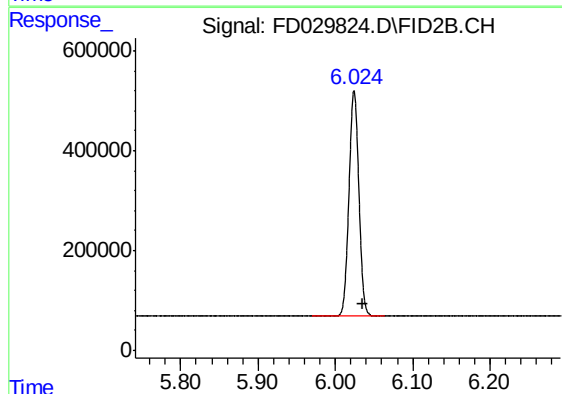
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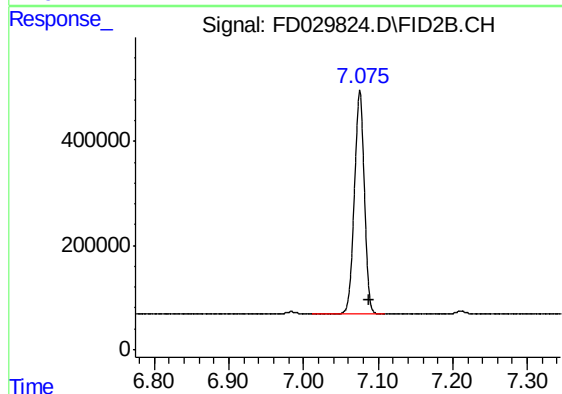
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.485 min
Delta R.T.: -0.012 min
Response: 3826283
Conc: 22.63 ug/ml



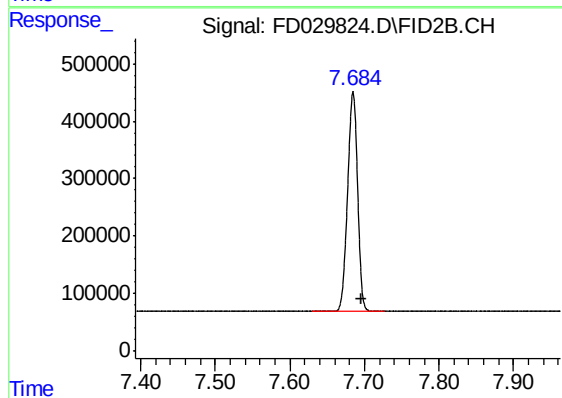
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.012 min
Response: 4037883
Conc: 22.56 ug/ml



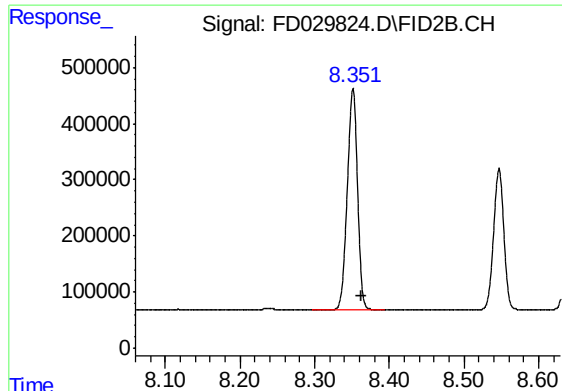
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: -0.011 min
Response: 3959411
Conc: 22.44 ug/ml



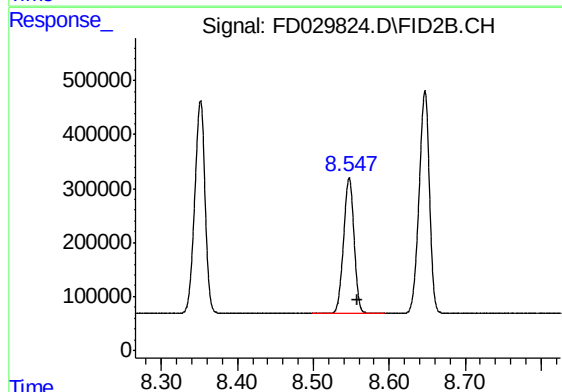
#4 2-Bromonaphthalene (SURR)

R.T.: 7.685 min
Delta R.T.: -0.011 min
Response: 3548361
Conc: 22.42 ug/ml



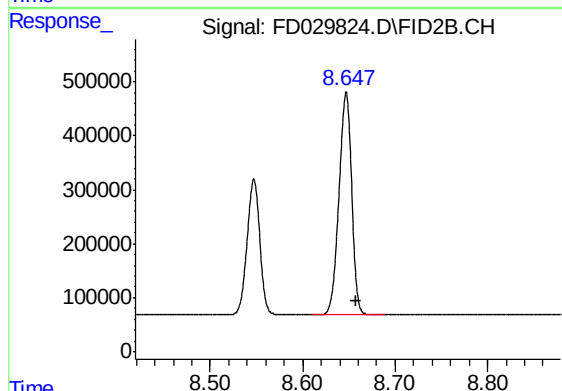
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.011 min
Response: 3732026
Conc: 22.05 ug/ml



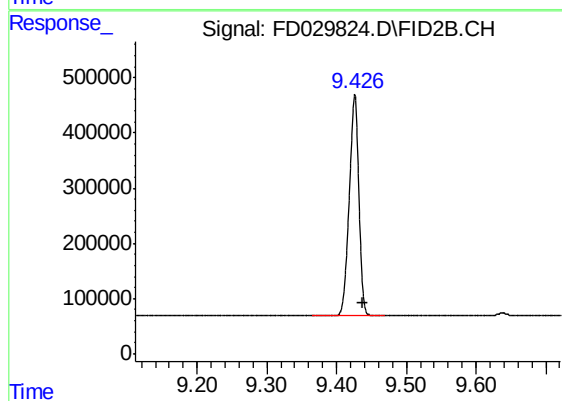
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.547 min
Delta R.T.: -0.011 min
Response: 2387222
Conc: 22.22 ug/ml



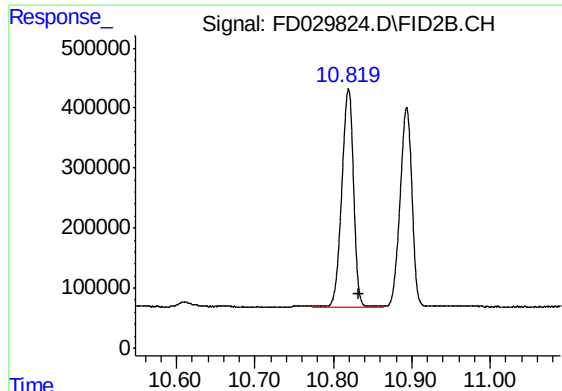
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.011 min
Response: 3923528
Conc: 22.27 ug/ml



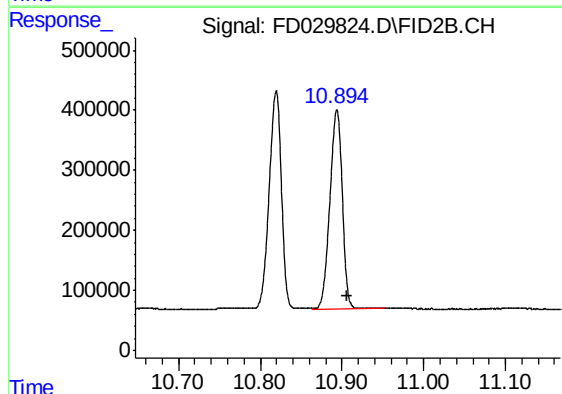
#8 Flouorene (C16.55)

R.T.: 9.426 min
Delta R.T.: -0.011 min
Response: 3851636
Conc: 22.04 ug/ml



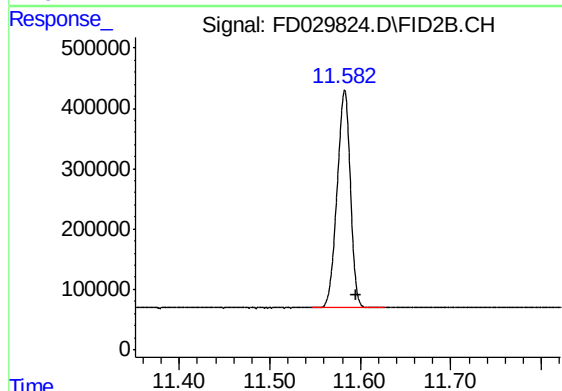
#9 Phenanthrene (C19.36)

R.T.: 10.820 min
Delta R.T.: -0.013 min
Response: 3774469
Conc: 21.77 ug/ml



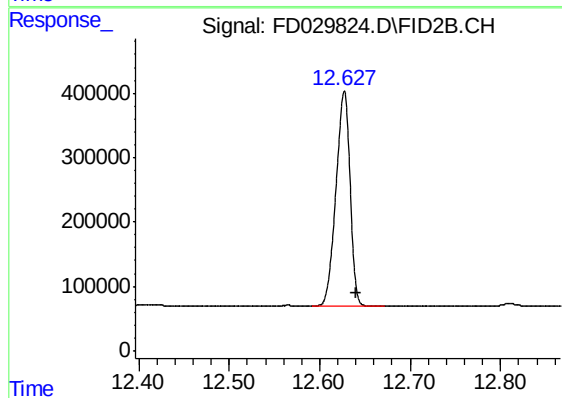
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: -0.013 min
Response: 3488681
Conc: 20.63 ug/ml



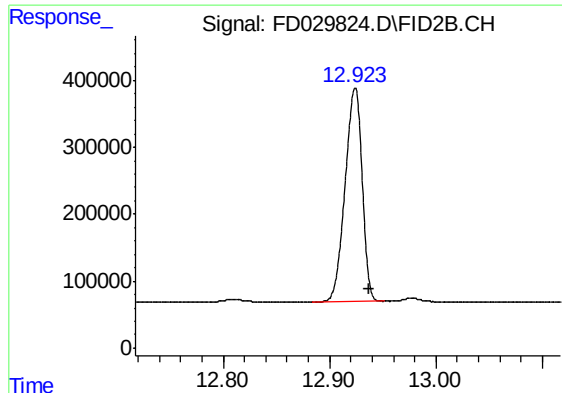
#11 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.012 min
Response: 3685086
Conc: 21.71 ug/ml



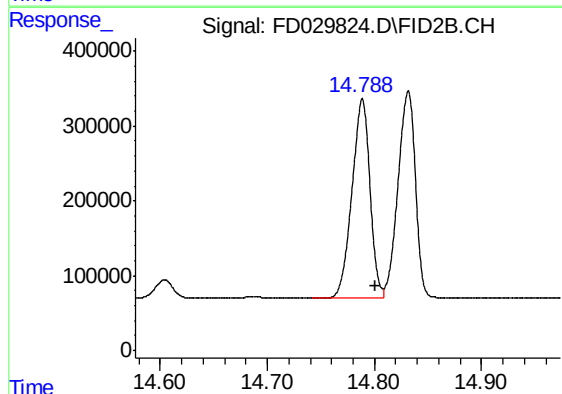
#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: -0.013 min
Response: 3606031
Conc: 21.06 ug/ml



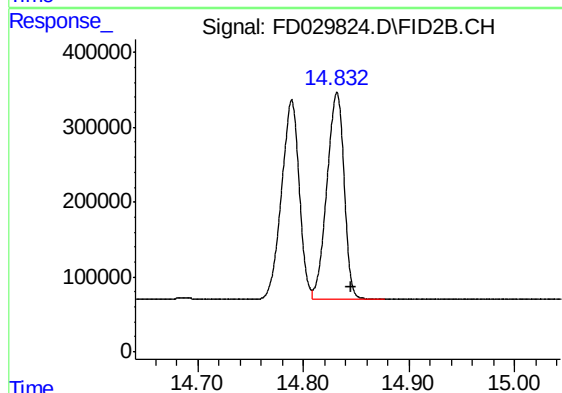
#13 Pyrene (C20.8)

R.T.: 12.924 min
Delta R.T.: -0.013 min
Response: 3558224
Conc: 20.92 ug/ml



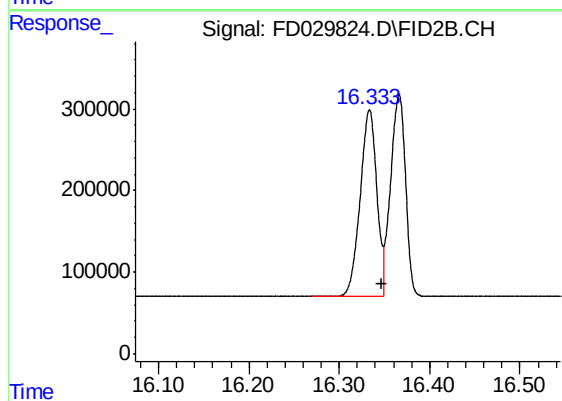
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.789 min
Delta R.T.: -0.013 min
Response: 3121258
Conc: 20.02 ug/ml



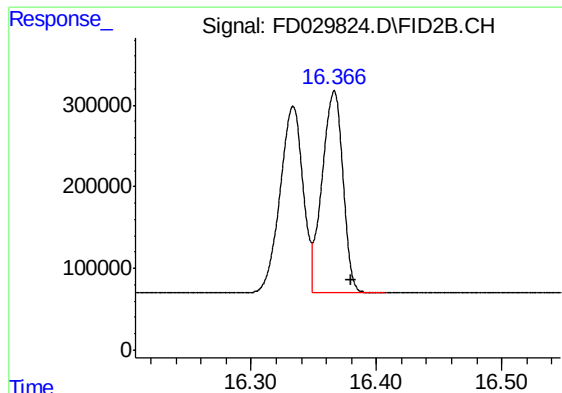
#15 Chrysene (C27.41)

R.T.: 14.832 min
Delta R.T.: -0.013 min
Response: 3140554
Conc: 20.15 ug/ml



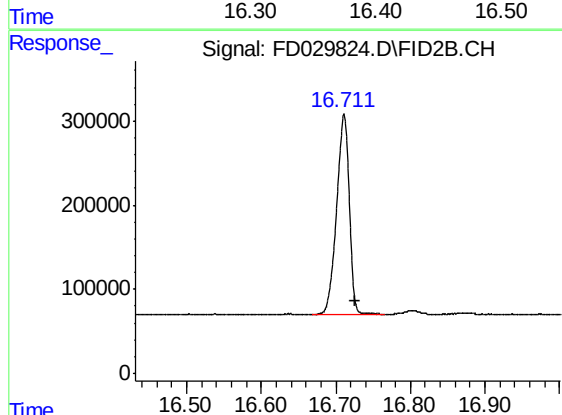
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.334 min
Delta R.T.: -0.013 min
Response: 2911896
Conc: 19.94 ug/ml



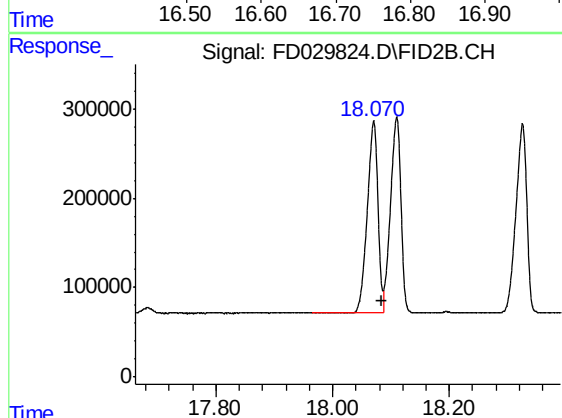
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.366 min
Delta R.T.: -0.014 min
Response: 2866212
Conc: 19.82 ug/ml



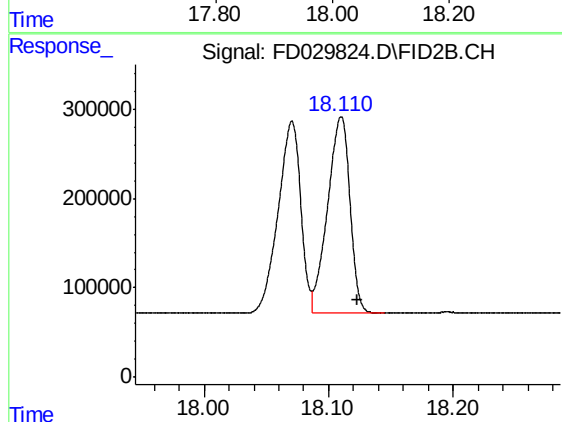
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.711 min
Delta R.T.: -0.014 min
Response: 2786860
Conc: 19.87 ug/ml



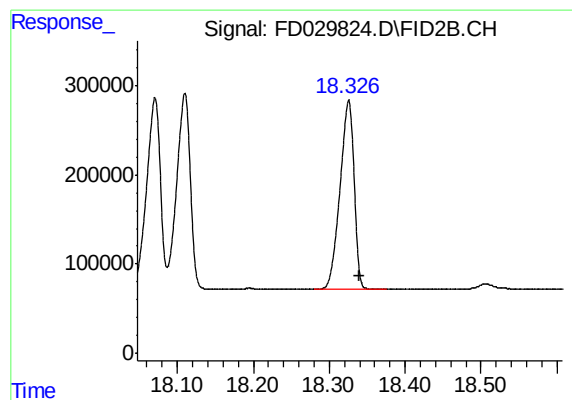
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: -0.014 min
Response: 2704356
Conc: 21.23 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.013 min
Response: 2743998
Conc: 21.94 ug/ml



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

R.T.: 18.326 min
Delta R.T.: -0.013 min
Response: 2732786
Conc: 21.91 ug/ml