

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120821AR\
 Data File : FD039760.D
 Signal(s) : FID2B.CH
 Acq On : 08 Dec 2021 13:26
 Operator : AJ\MA
 Sample : PB141218BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 00:40:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 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...	7.739	4966280	44.389 ug/ml
Spiked Amount 50.000		Recovery =	88.78%
6) S 2-Fluorobiphenyl (SURR)	8.609	3330009	44.402 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.80%
11) S ortho-Terphenyl (SURR)	11.653	5131196	41.488 ug/ml
Spiked Amount 50.000		Recovery =	82.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3747352	30.255 ug/ml
2) T Naphthalene (C11.7)	6.074	4216998	32.976 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	4233410	32.583 ug/ml
5) T Acenaphthylene (C15.06)	8.410	4477183	37.287 ug/ml
7) T Acenaphthene (C15.5)	8.707	4817514	37.828 ug/ml
8) T Fluorene (C16.55)	9.490	4735032	38.547 ug/ml
9) T Phenanthrene (C19.36)	10.892	4920823	41.025 ug/ml
10) T Anthracene (C19.43)	10.967	4871583	40.673 ug/ml
12) T Fluoranthene (C21.85)	12.709	4929454	41.351 ug/ml
13) T Pyrene (C20.8)	13.008	4825901	42.445 ug/ml
14) T Benzo[a]anthracene (C...	14.883	4396448	44.979 ug/ml
15) T Chrysene (C27.41)	14.926	4916459	43.184 ug/ml
16) T benzo[b]fluoranthene ...	16.471	4563058	46.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.471	4563058	43.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	4365739	45.298 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.222	4205598	45.117 ug/ml
20) T Dibenz[a,h]anthracene...	18.222	4205598	41.062 ug/ml
21) T Benzo[g,h,i]perylene ...	18.443	4191372	42.404 ug/ml

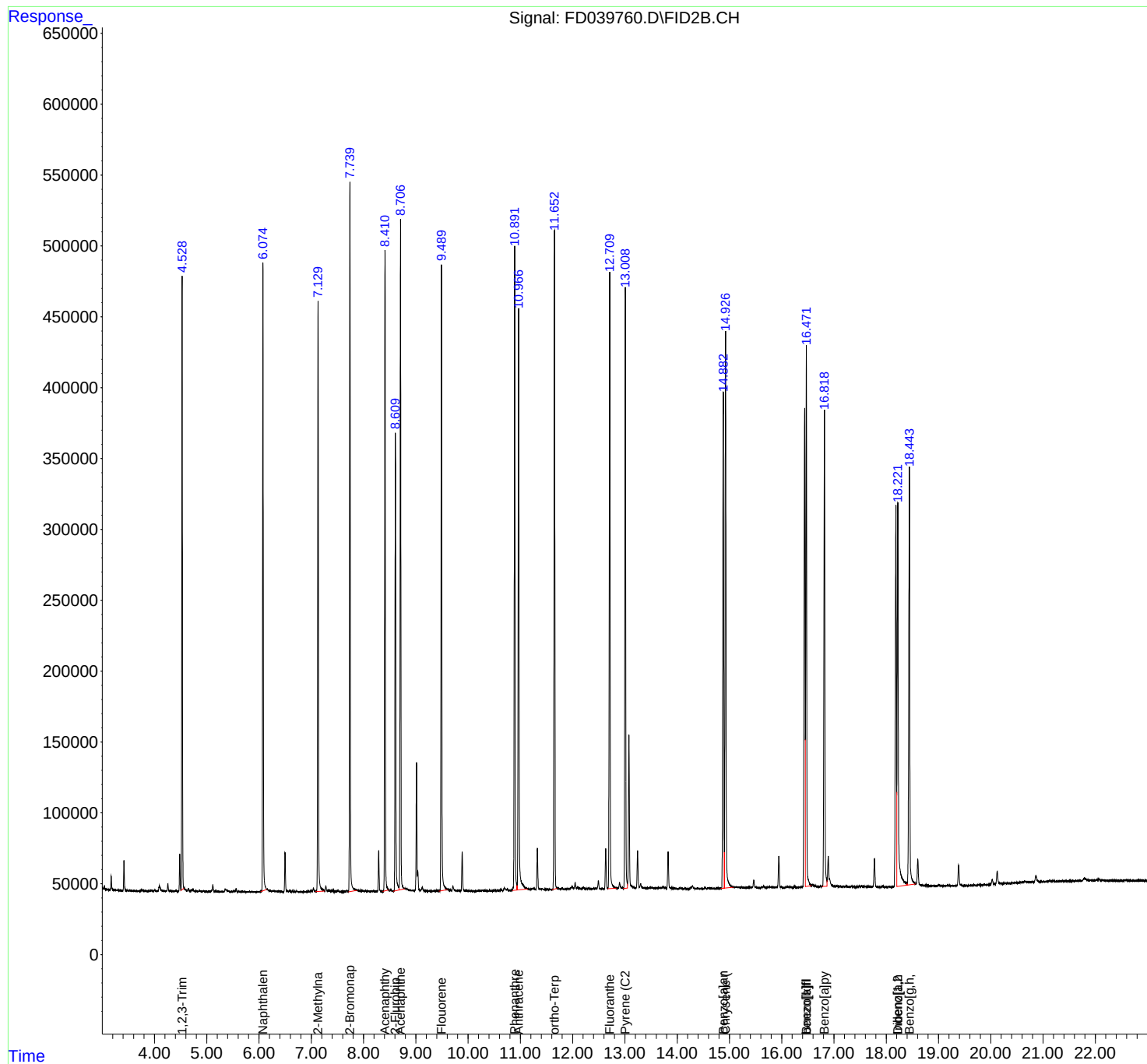
(f)=RT Delta > 1/2 Window

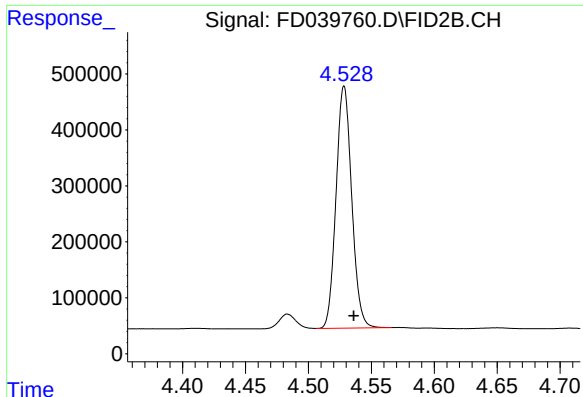
(m)=manual int.

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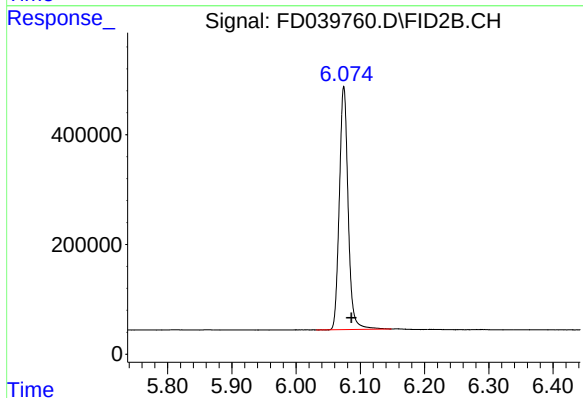
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Signal Info : 20M x 0.18mm x 0.18µm





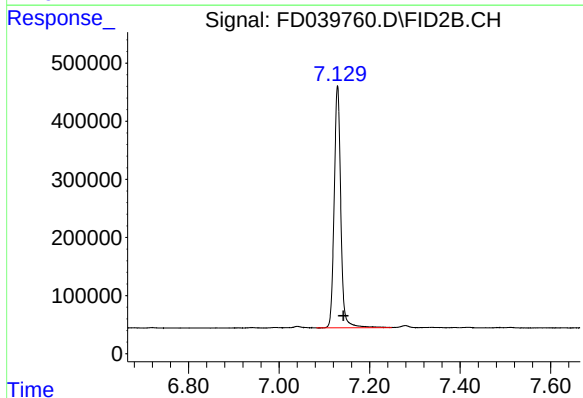
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 3747352
Conc: 30.26 ug/ml



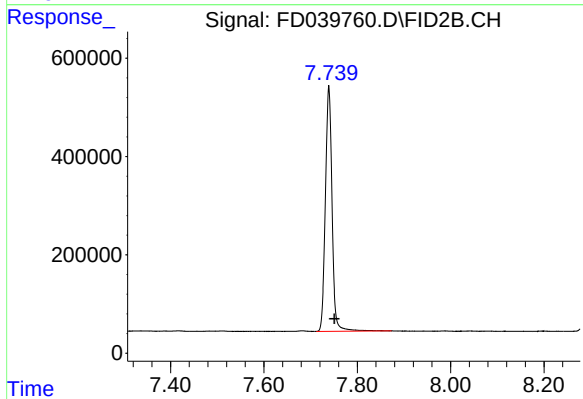
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.012 min
Response: 4216998
Conc: 32.98 ug/ml



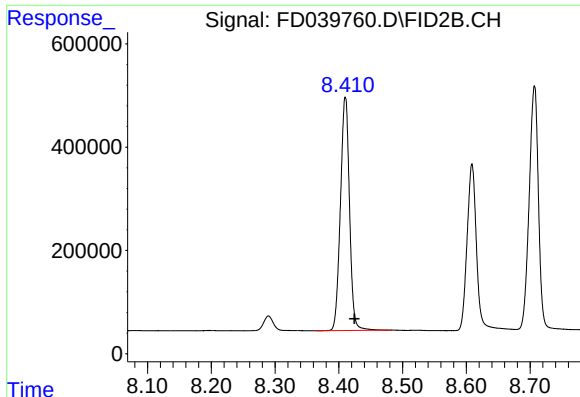
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.013 min
Response: 4233410
Conc: 32.58 ug/ml



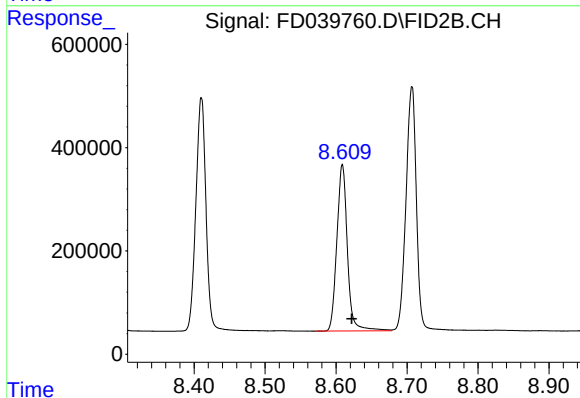
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: -0.012 min
Response: 4966280
Conc: 44.39 ug/ml



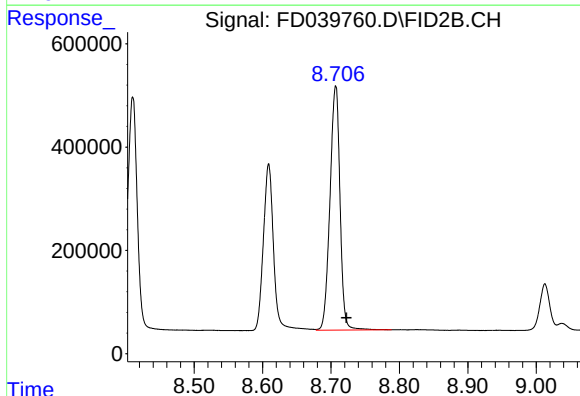
#5 Acenaphthylene (C15.06)

R.T.: 8.410 min
Delta R.T.: -0.014 min
Response: 4477183
Conc: 37.29 ug/ml



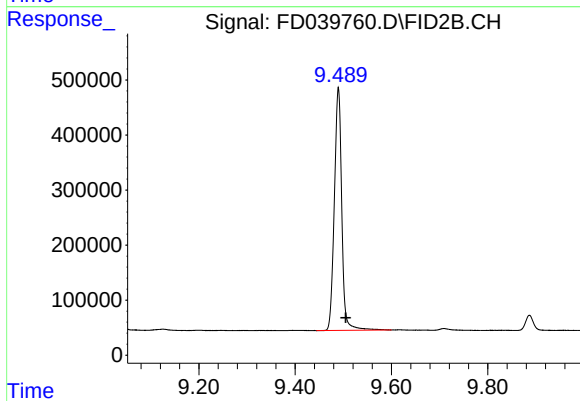
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.609 min
Delta R.T.: -0.013 min
Response: 3330009
Conc: 44.40 ug/ml



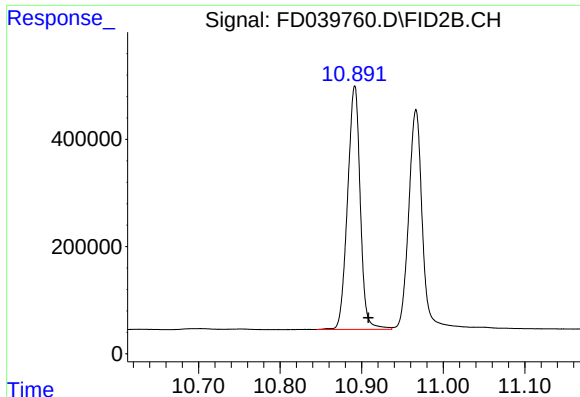
#7 Acenaphthene (C15.5)

R.T.: 8.707 min
Delta R.T.: -0.015 min
Response: 4817514
Conc: 37.83 ug/ml



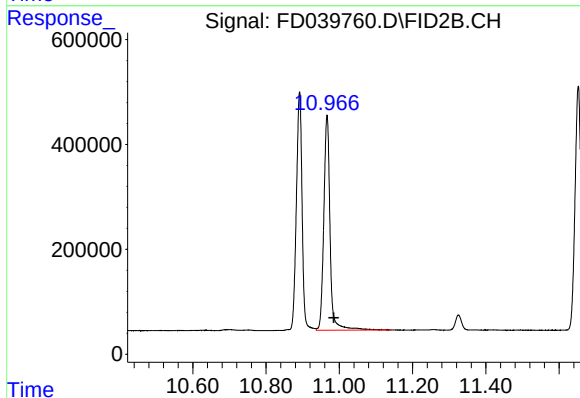
#8 Fluorene (C16.55)

R.T.: 9.490 min
Delta R.T.: -0.016 min
Response: 4735032
Conc: 38.55 ug/ml



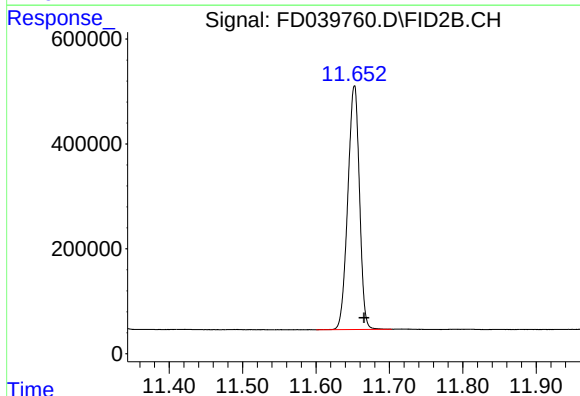
#9 Phenanthrene (C19.36)

R.T.: 10.892 min
Delta R.T.: -0.017 min
Response: 4920823
Conc: 41.03 ug/ml



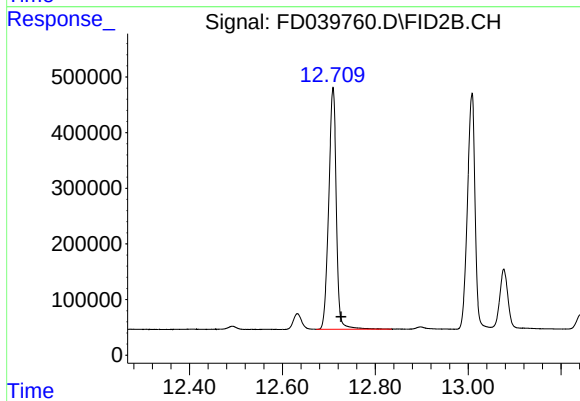
#10 Anthracene (C19.43)

R.T.: 10.967 min
Delta R.T.: -0.018 min
Response: 4871583
Conc: 40.67 ug/ml



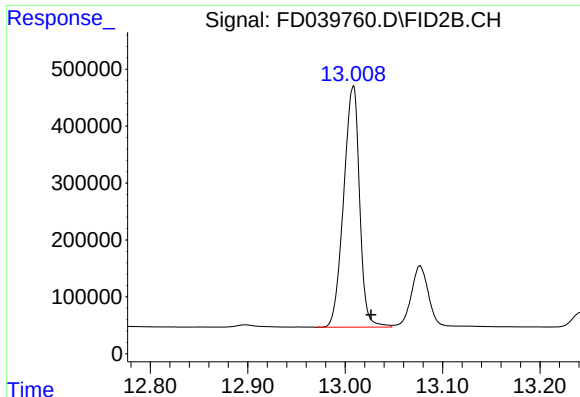
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.013 min
Response: 5131196
Conc: 41.49 ug/ml



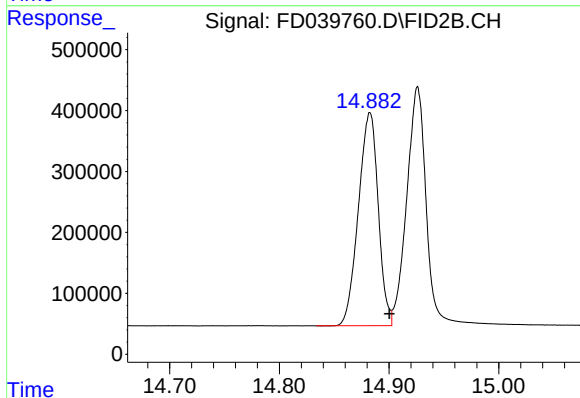
#12 Fluoranthene (C21.85)

R.T.: 12.709 min
Delta R.T.: -0.018 min
Response: 4929454
Conc: 41.35 ug/ml



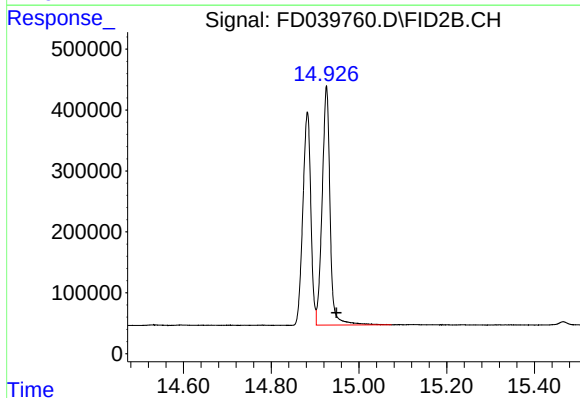
#13 Pyrene (C20.8)

R.T.: 13.008 min
Delta R.T.: -0.018 min
Response: 4825901
Conc: 42.44 ug/ml



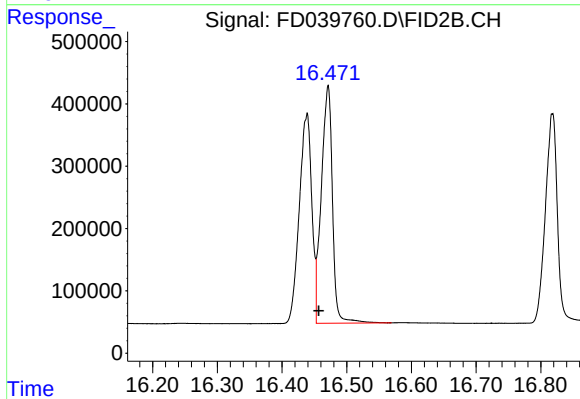
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.018 min
Response: 4396448
Conc: 44.98 ug/ml



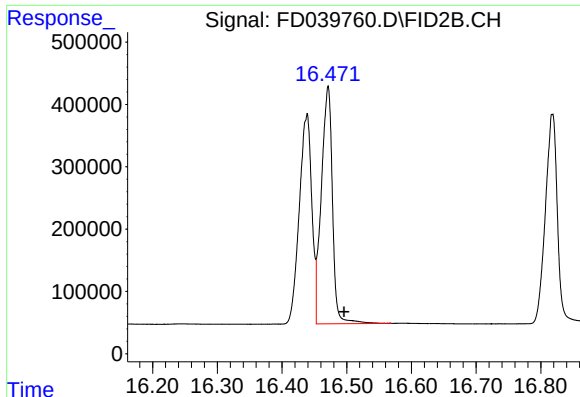
#15 Chrysene (C27.41)

R.T.: 14.926 min
Delta R.T.: -0.022 min
Response: 4916459
Conc: 43.18 ug/ml



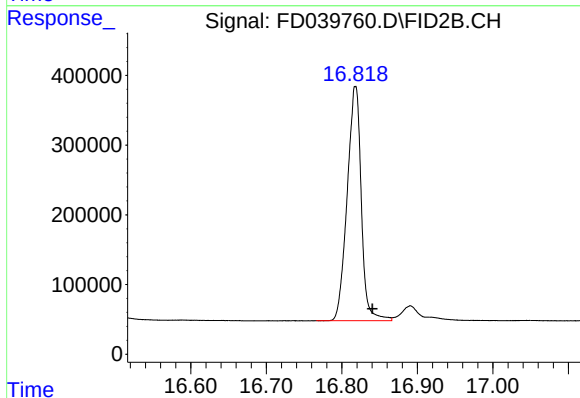
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.471 min
Delta R.T.: 0.014 min
Response: 4563058
Conc: 46.38 ug/ml



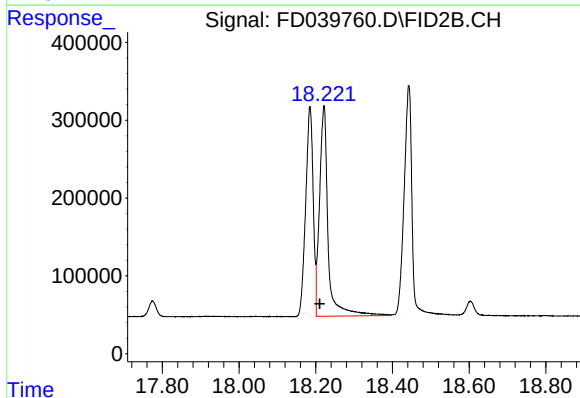
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.471 min
Delta R.T.: -0.024 min
Response: 4563058
Conc: 43.12 ug/ml



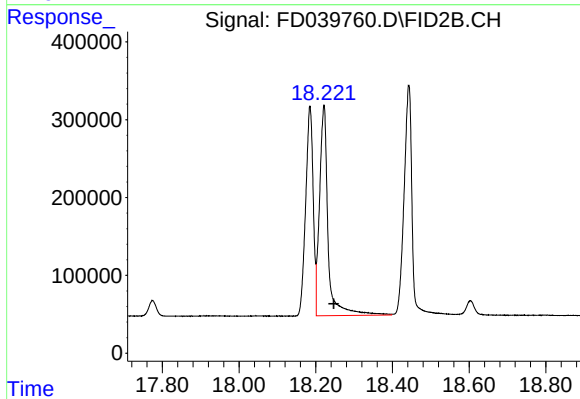
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min
Delta R.T.: -0.022 min
Response: 4365739
Conc: 45.30 ug/ml



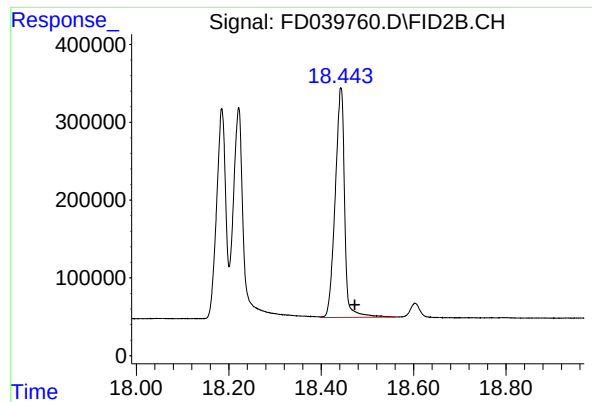
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.222 min
Delta R.T.: 0.011 min
Response: 4205598
Conc: 45.12 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.026 min
Response: 4205598
Conc: 41.06 ug/ml



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

R.T.: 18.443 min
Delta R.T.: -0.030 min
Response: 4191372
Conc: 42.40 ug/ml