

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112421AR\
 Data File : FD039642.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 14:56
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 25 00:16:33 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...	7.743	2229088	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
6) S 2-Fluorobiphenyl (SURR)	8.613	1471657	19.623 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.25%
11) S ortho-Terphenyl (SURR)	11.655	2407873	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2379811	19.214 ug/ml
2) T Naphthalene (C11.7)	6.079	2508298	19.614 ug/ml
3) T 2-Methylnaphthalene (...)	7.134	2541836	19.564 ug/ml
5) T Acenaphthylene (C15.06)	8.414	2351825	19.586 ug/ml
7) T Acenaphthene (C15.5)	8.710	2492603	19.573 ug/ml
8) T Fluorene (C16.55)	9.493	2362350	19.232 ug/ml
9) T Phenanthrene (C19.36)	10.894	2348940	19.583 ug/ml
10) T Anthracene (C19.43)	10.969	2328784	19.443 ug/ml
12) T Fluoranthene (C21.85)	12.711	2331321	19.556 ug/ml
13) T Pyrene (C20.8)	13.010	2230970	19.622 ug/ml
14) T Benzo[a]anthracene (C...	14.883	1949820	19.948 ug/ml
15) T Chrysene (C27.41)	14.925	2251665	19.778 ug/ml
16) T benzo[b]fluoranthene ...	16.467	2122397	21.574 ug/ml
17) T Bnezo[k]fluoranthene ...	16.467	2122397	20.056 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.816	1966380	20.403 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.220	2018793	21.657 ug/ml
20) T Dibenz[a,h]anthracene...	18.220	2018793	19.711 ug/ml
21) T Benzo[g,h,i]perylene ...	18.439	1887606	19.097 ug/ml

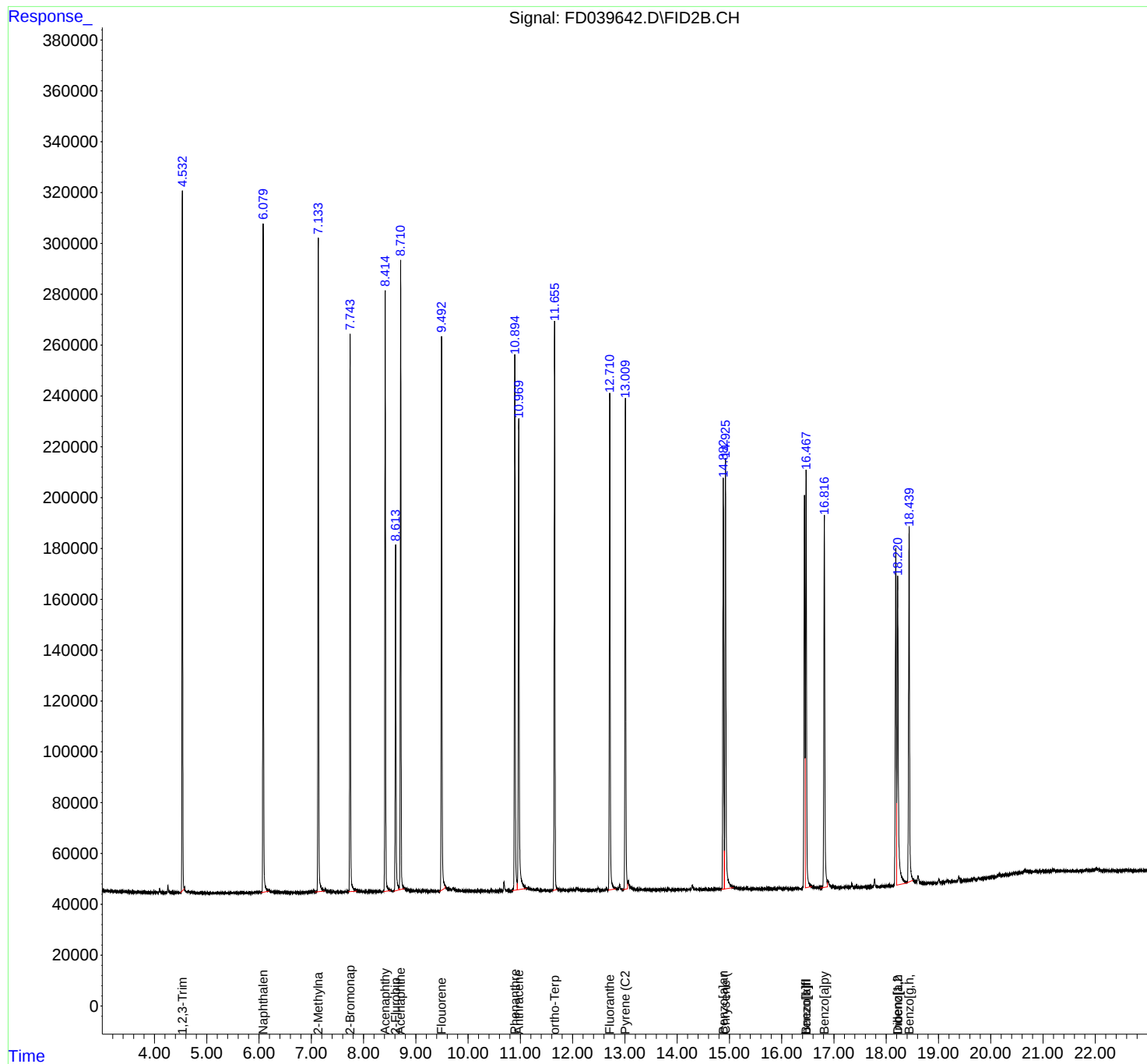
(f)=RT Delta > 1/2 Window

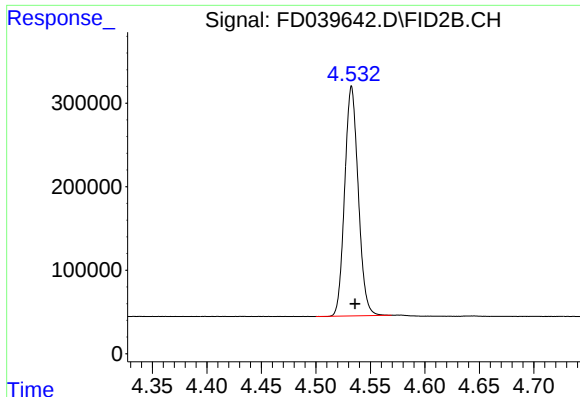
(m)=manual int.

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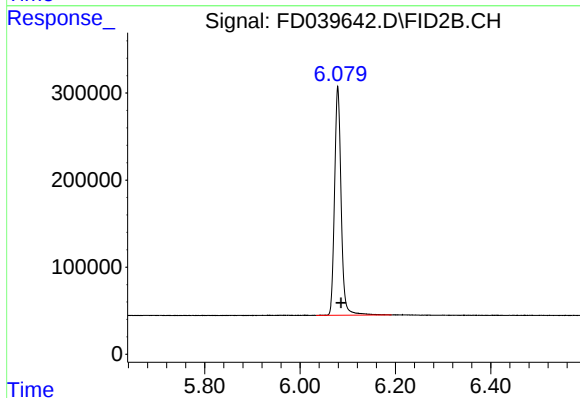
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





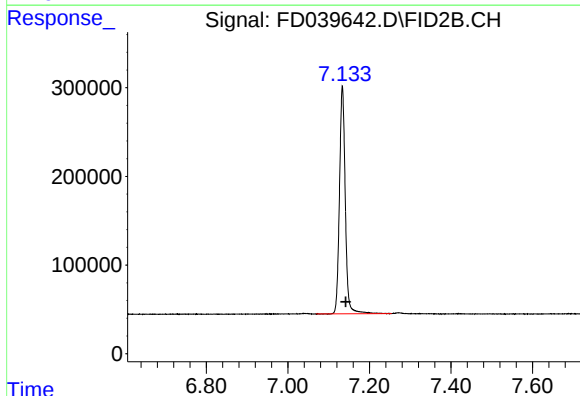
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.533 min
Delta R.T.: -0.003 min
Response: 2379811
Conc: 19.21 ug/ml



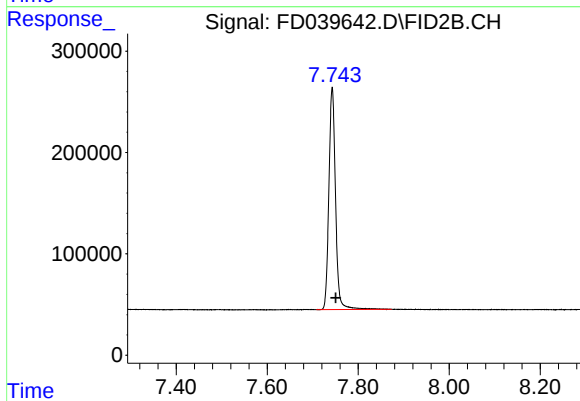
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.007 min
Response: 2508298
Conc: 19.61 ug/ml



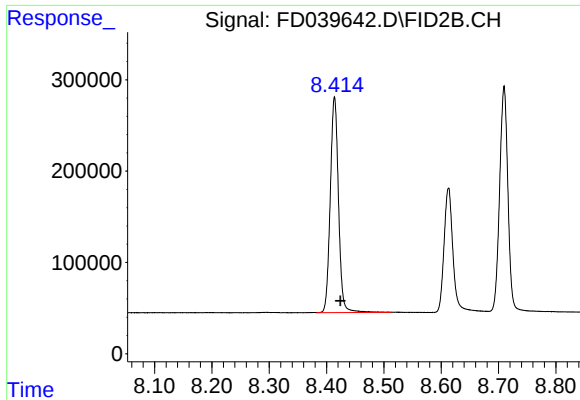
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.009 min
Response: 2541836
Conc: 19.56 ug/ml



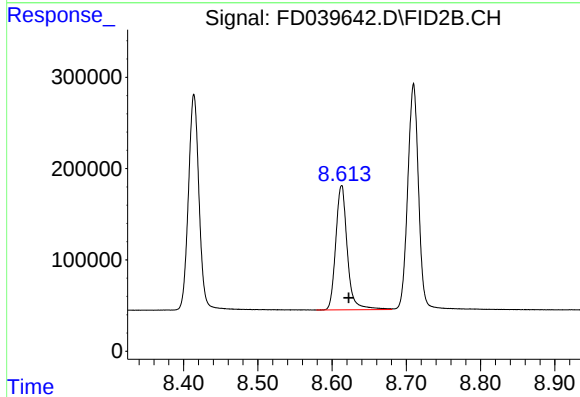
#4 2-Bromonaphthalene (SURR)

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 2229088
Conc: 19.92 ug/ml



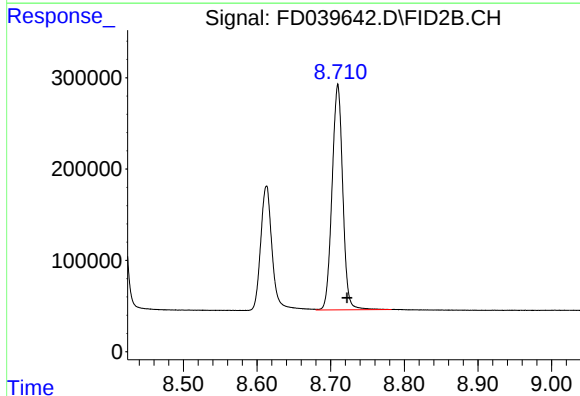
#5 Acenaphthylene (C15.06)

R.T.: 8.414 min
Delta R.T.: -0.010 min
Response: 2351825
Conc: 19.59 ug/ml



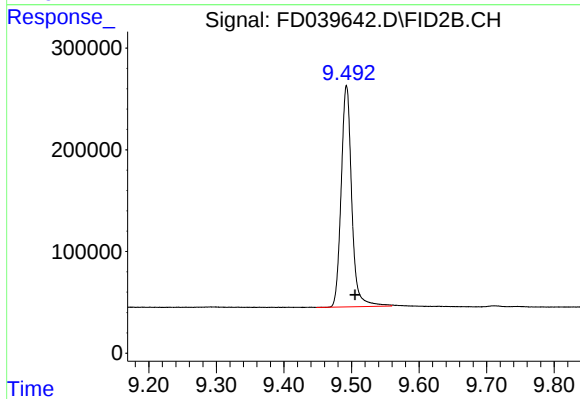
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.613 min
Delta R.T.: -0.009 min
Response: 1471657
Conc: 19.62 ug/ml



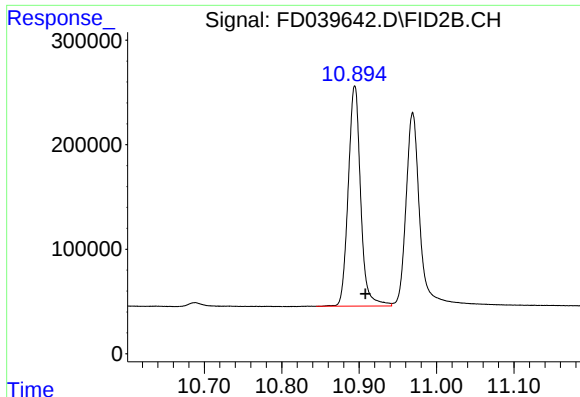
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 2492603
Conc: 19.57 ug/ml



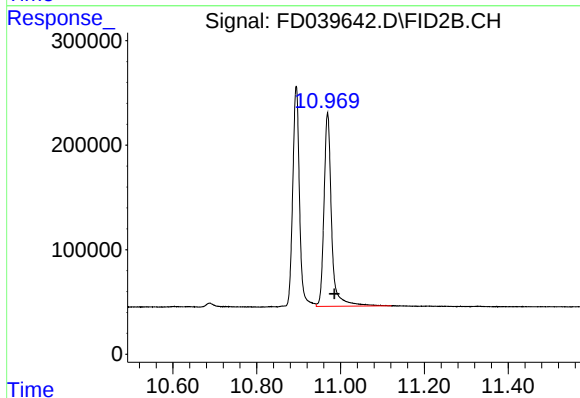
#8 Flouorene (C16.55)

R.T.: 9.493 min
Delta R.T.: -0.013 min
Response: 2362350
Conc: 19.23 ug/ml



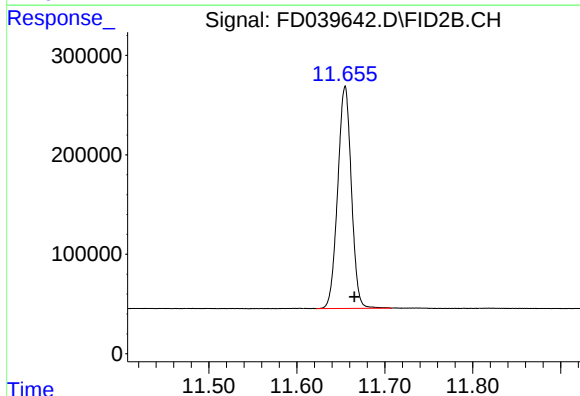
#9 Phenanthrene (C19.36)

R.T.: 10.894 min
Delta R.T.: -0.014 min
Response: 2348940
Conc: 19.58 ug/ml



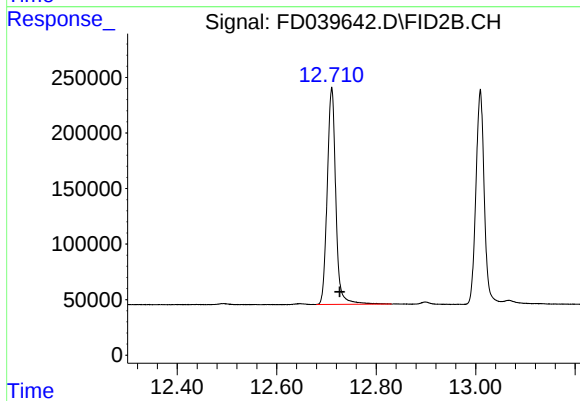
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.016 min
Response: 2328784
Conc: 19.44 ug/ml



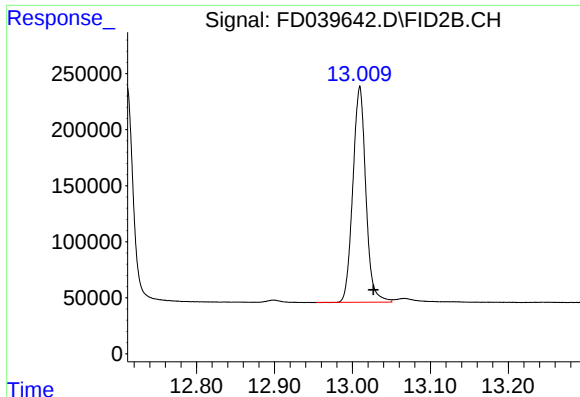
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: -0.010 min
Response: 2407873
Conc: 19.47 ug/ml



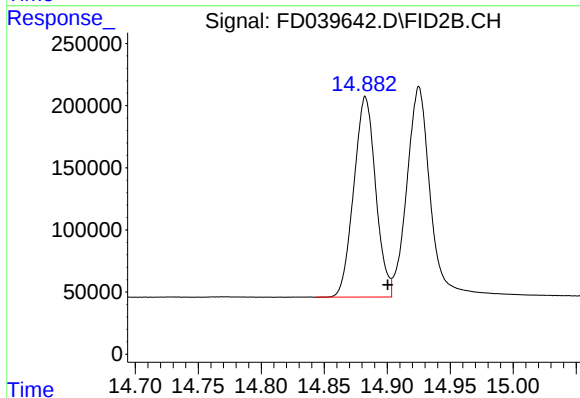
#12 Fluoranthene (C21.85)

R.T.: 12.711 min
Delta R.T.: -0.016 min
Response: 2331321
Conc: 19.56 ug/ml



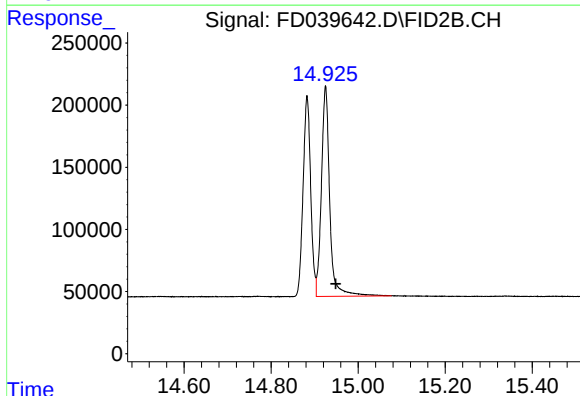
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 2230970
Conc: 19.62 ug/ml



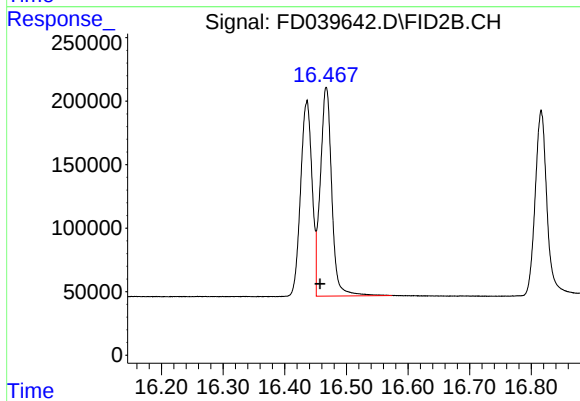
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.018 min
Response: 1949820
Conc: 19.95 ug/ml



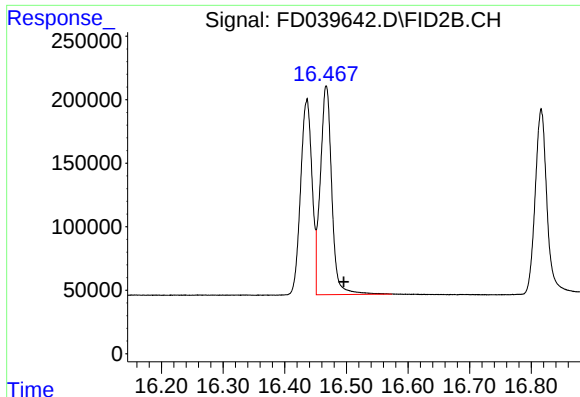
#15 Chrysene (C27.41)

R.T.: 14.925 min
Delta R.T.: -0.023 min
Response: 2251665
Conc: 19.78 ug/ml



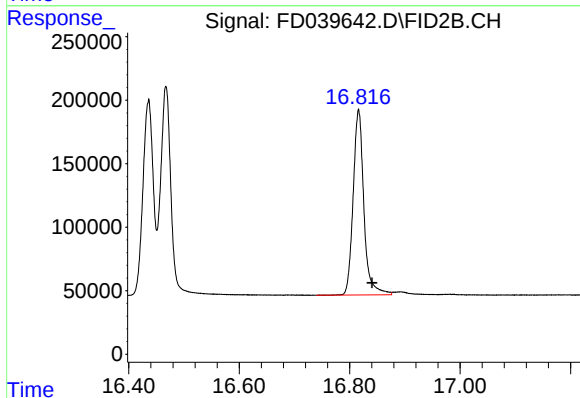
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.467 min
Delta R.T.: 0.010 min
Response: 2122397
Conc: 21.57 ug/ml



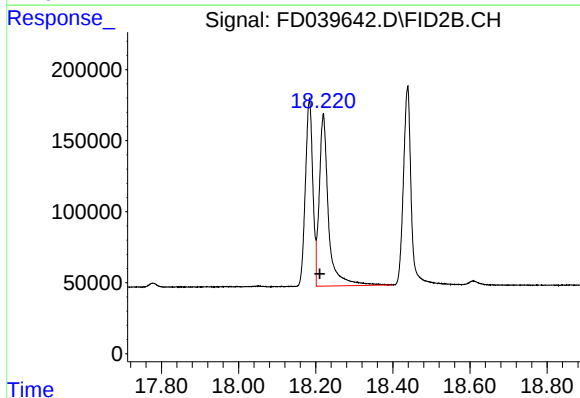
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.467 min
Delta R.T.: -0.028 min
Response: 2122397
Conc: 20.06 ug/ml



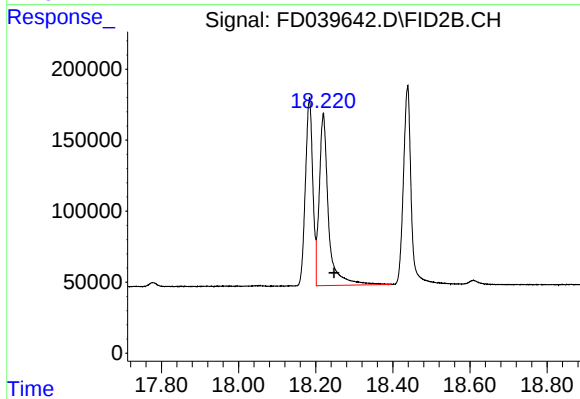
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.816 min
Delta R.T.: -0.024 min
Response: 1966380
Conc: 20.40 ug/ml



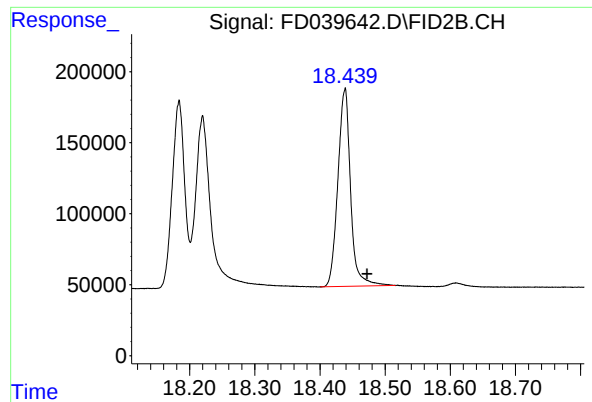
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.220 min
Delta R.T.: 0.010 min
Response: 2018793
Conc: 21.66 ug/ml



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

R.T.: 18.220 min
Delta R.T.: -0.027 min
Response: 2018793
Conc: 19.71 ug/ml



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

R.T.: 18.439 min
Delta R.T.: -0.034 min
Response: 1887606
Conc: 19.10 ug/ml