

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101520AR\
 Data File : FD035062.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2020 12:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 14:55:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.660	2504865	21.488 ug/ml
Spiked Amount 50.000		Recovery =	42.98%
6) S 2-Fluorobiphenyl (SURR)	8.526	1699019	20.695 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.39%
11) S ortho-Terphenyl (SURR)	11.565	2764732	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.456	2837246	21.851 ug/ml
2) T Naphthalene (C11.7)	5.998	2971414	21.709 ug/ml
3) T 2-Methylnaphthalene (...)	7.050	2950329	21.510 ug/ml
5) T Acenaphthylene (C15.06)	8.328	2766024	20.430 ug/ml
7) T Acenaphthene (C15.5)	8.623	2895708	20.975 ug/ml
8) T Flouorene (C16.55)	9.405	2745340	20.422 ug/ml
9) T Phenanthrene (C19.36)	10.802	2623225	19.640 ug/ml
10) T Anthracene (C19.43)	10.877	2409873	17.845 ug/ml
12) T Fluoranthene (C21.85)	12.614	2466641	18.744 ug/ml
13) T Pyrene (C20.8)	12.911	2445284	19.100 ug/ml
14) T Benzo[a]anthracene (C...	14.783	2079386	18.266 ug/ml
15) T Chrysene (C27.41)	14.826	2231027	18.215 ug/ml
16) T benzo[b]fluoranthene ...	16.366	2126726	19.842 ug/ml
17) T Bnezo[k]fluoranthene ...	16.366	2126726	19.687 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	1953470	20.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.079	2071901	22.365 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	2231853	22.100 ug/ml
21) T Benzo[g,h,i]perylene ...	18.333	2155437	22.369 ug/ml

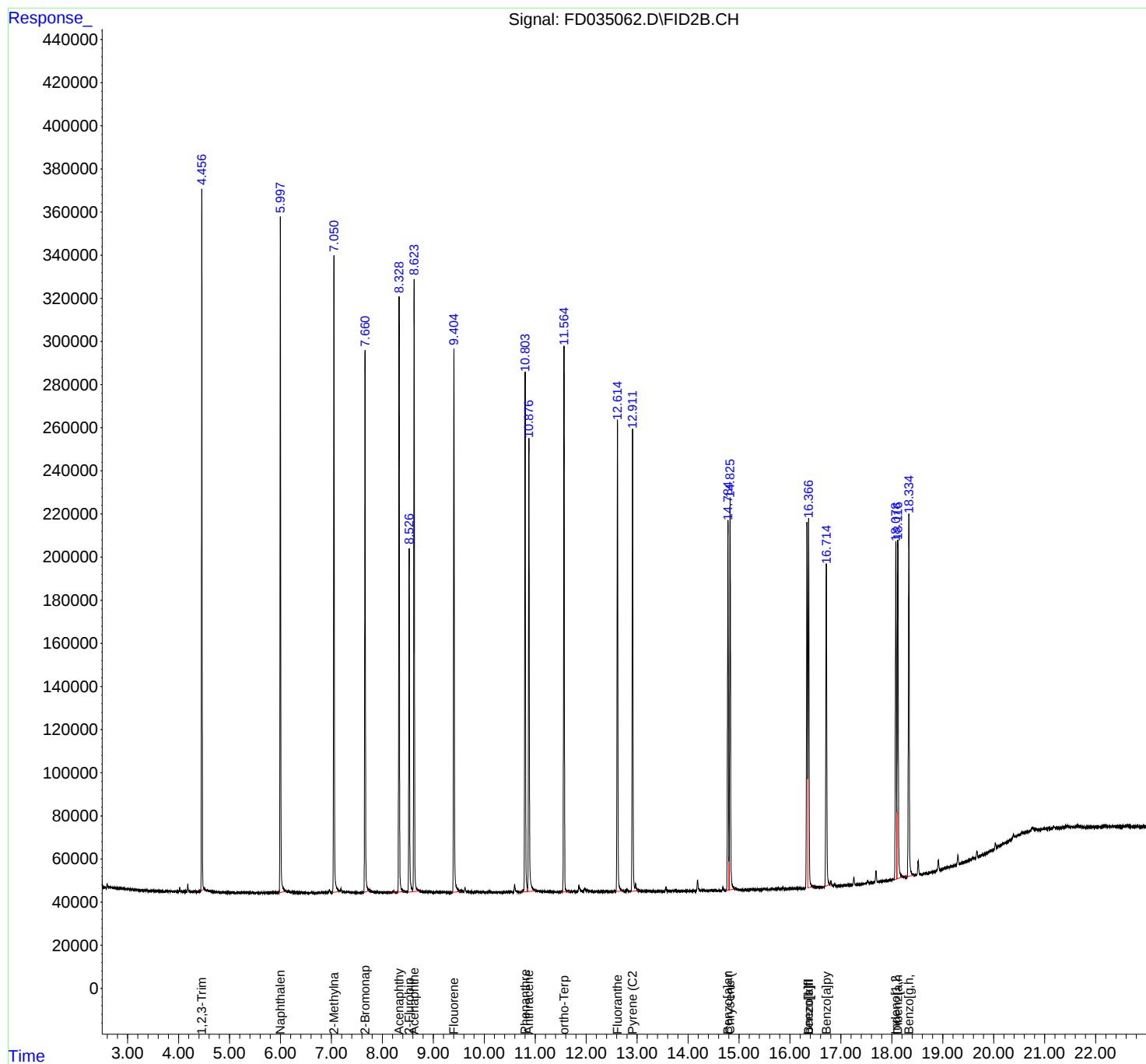
(f)=RT Delta > 1/2 Window

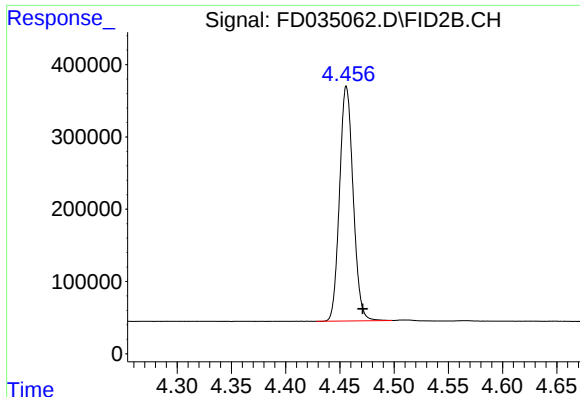
(m)=manual int.

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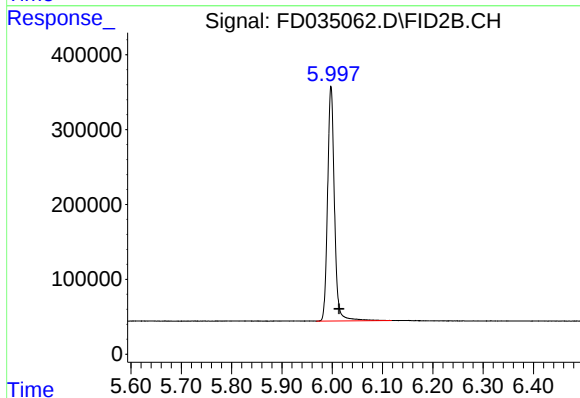
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





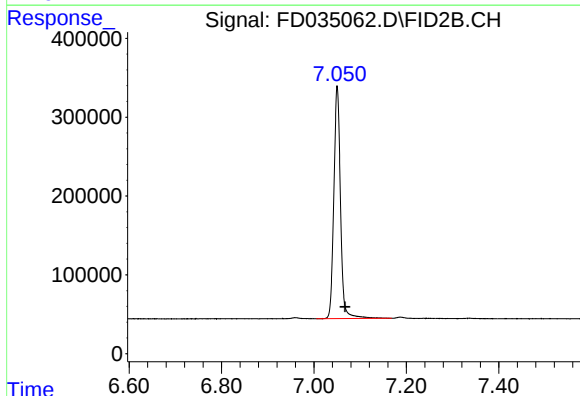
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.456 min
Delta R.T.: -0.015 min
Response: 2837246
Conc: 21.85 ug/ml



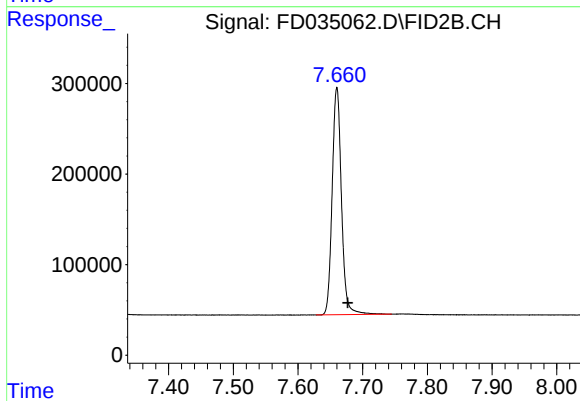
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.016 min
Response: 2971414
Conc: 21.71 ug/ml



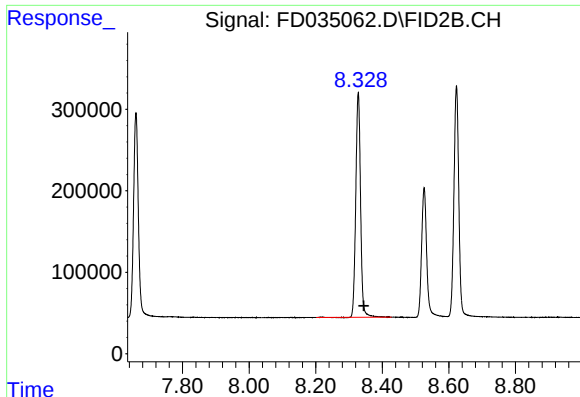
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.050 min
Delta R.T.: -0.017 min
Response: 2950329
Conc: 21.51 ug/ml



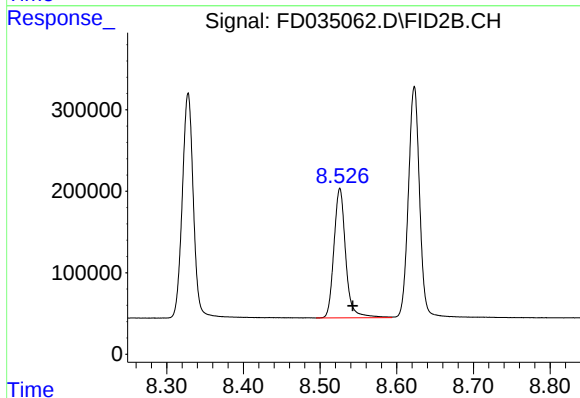
#4 2-Bromonaphthalene (SURR)

R.T.: 7.660 min
Delta R.T.: -0.017 min
Response: 2504865
Conc: 21.49 ug/ml



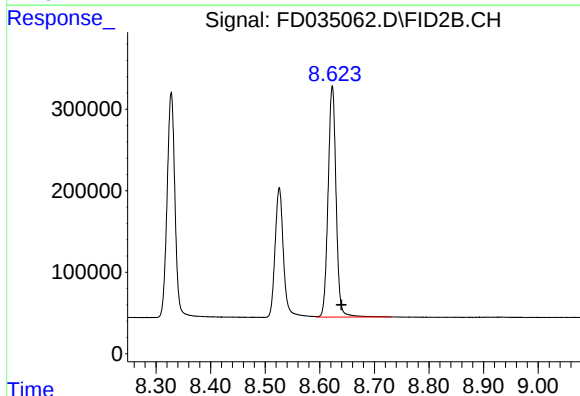
#5 Acenaphthylene (C15.06)

R.T.: 8.328 min
Delta R.T.: -0.017 min
Response: 2766024
Conc: 20.43 ug/ml



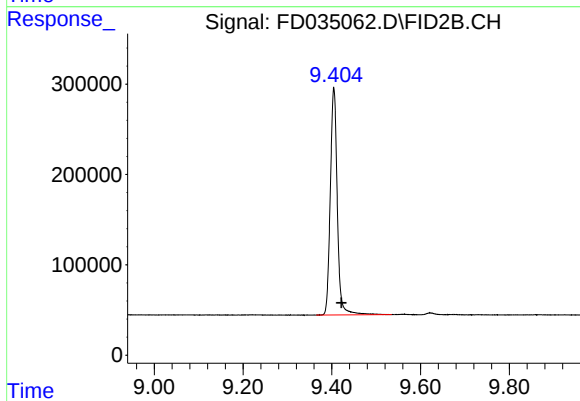
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.526 min
Delta R.T.: -0.017 min
Response: 1699019
Conc: 20.69 ug/ml



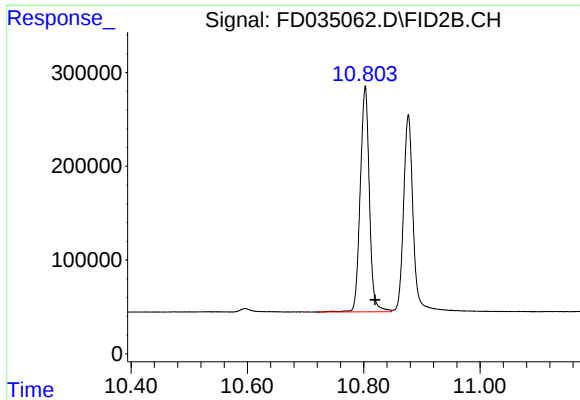
#7 Acenaphthene (C15.5)

R.T.: 8.623 min
Delta R.T.: -0.017 min
Response: 2895708
Conc: 20.98 ug/ml



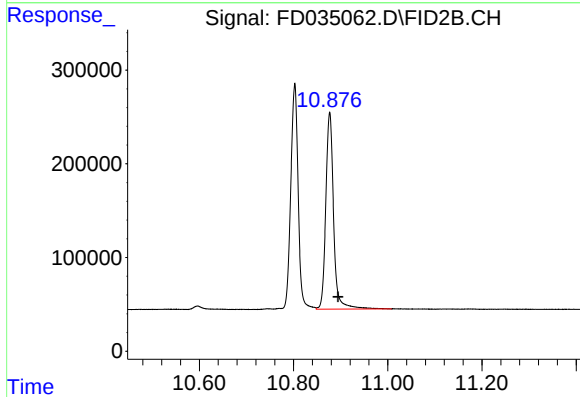
#8 Fluorene (C16.55)

R.T.: 9.405 min
Delta R.T.: -0.017 min
Response: 2745340
Conc: 20.42 ug/ml



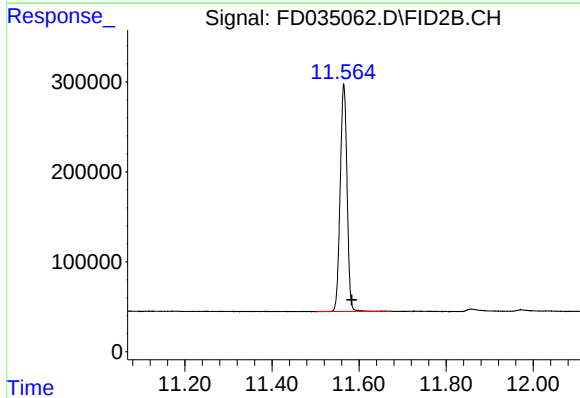
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.017 min
Response: 2623225
Conc: 19.64 ug/ml



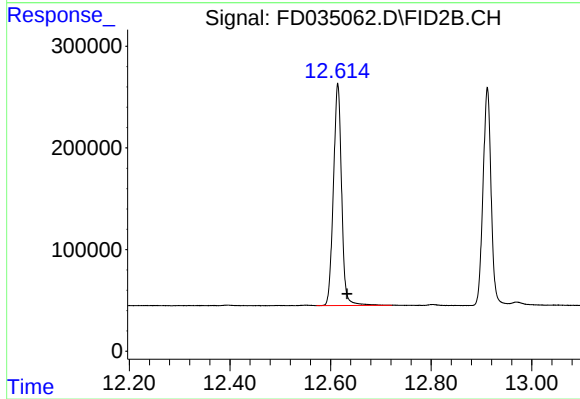
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: -0.018 min
Response: 2409873
Conc: 17.84 ug/ml



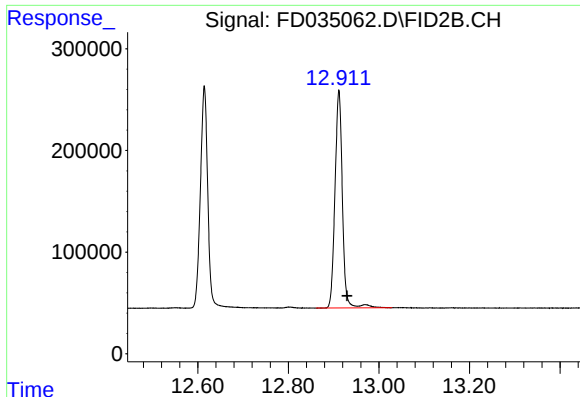
#11 ortho-Terphenyl (SURR)

R.T.: 11.565 min
Delta R.T.: -0.018 min
Response: 2764732
Conc: 20.16 ug/ml



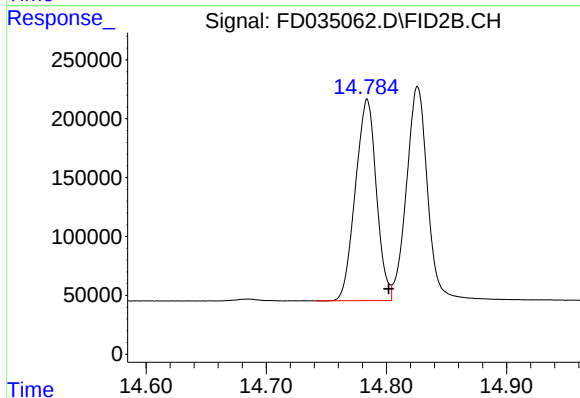
#12 Fluoranthene (C21.85)

R.T.: 12.614 min
Delta R.T.: -0.019 min
Response: 2466641
Conc: 18.74 ug/ml



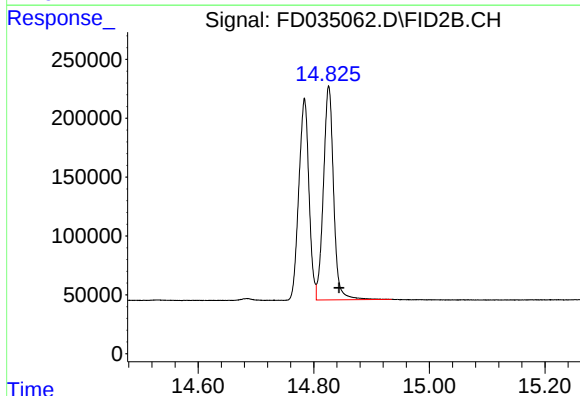
#13 Pyrene (C20.8)

R.T.: 12.911 min
Delta R.T.: -0.019 min
Response: 2445284
Conc: 19.10 ug/ml



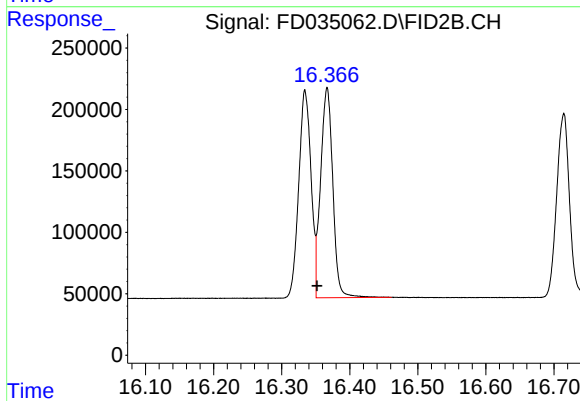
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min
Delta R.T.: -0.018 min
Response: 2079386
Conc: 18.27 ug/ml



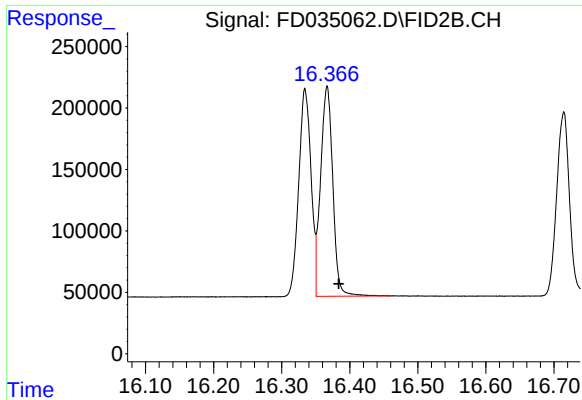
#15 Chrysene (C27.41)

R.T.: 14.826 min
Delta R.T.: -0.018 min
Response: 2231027
Conc: 18.22 ug/ml



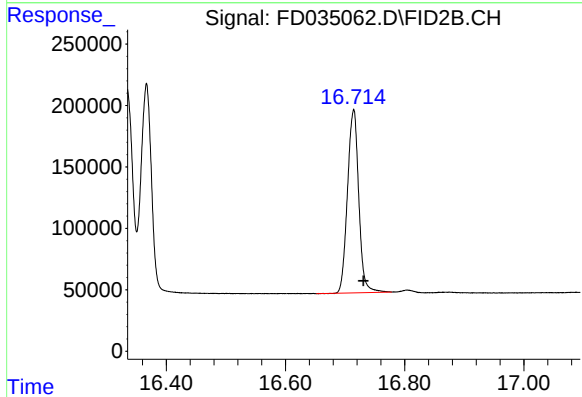
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.366 min
Delta R.T.: 0.014 min
Response: 2126726
Conc: 19.84 ug/ml



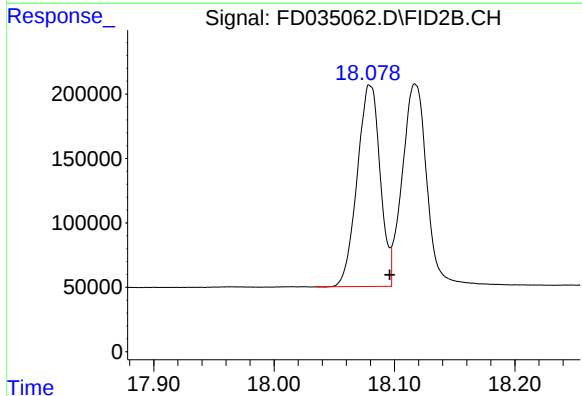
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.366 min
Delta R.T.: -0.017 min
Response: 2126726
Conc: 19.69 ug/ml



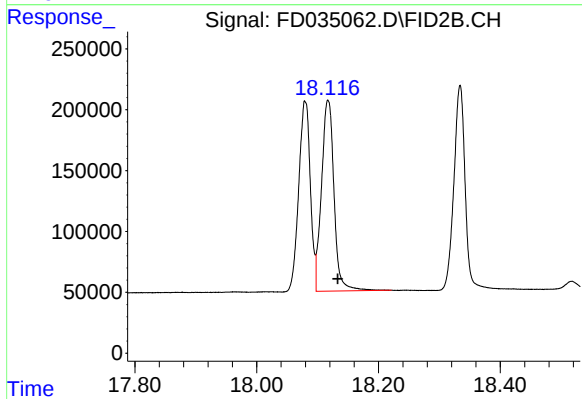
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: -0.017 min
Response: 1953470
Conc: 20.05 ug/ml



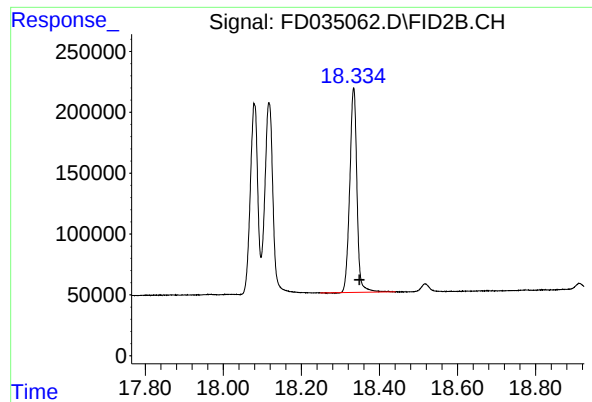
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.079 min
Delta R.T.: -0.017 min
Response: 2071901
Conc: 22.37 ug/ml



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

R.T.: 18.117 min
Delta R.T.: -0.016 min
Response: 2231853
Conc: 22.10 ug/ml



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

R.T.: 18.333 min
Delta R.T.: -0.016 min
Response: 2155437
Conc: 22.37 ug/ml