

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122019AR\
 Data File : FD031852.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2019 11:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:15:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.641	2706404	21.880 ug/ml
Spiked Amount 50.000		Recovery =	43.76%
6) S 2-Fluorobiphenyl (SURR)	8.502	1853536	21.731 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.46%
11) S ortho-Terphenyl (SURR)	11.537	2845040	21.504 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.444	2871461	22.722 ug/ml
2) T Naphthalene (C11.7)	5.981	3001485	22.259 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	2958786	21.986 ug/ml
5) T Acenaphthylene (C15.06)	8.305	2801363	21.491 ug/ml
7) T Acenaphthene (C15.5)	8.601	2949772	21.828 ug/ml
8) T Flouorene (C16.55)	9.379	2909964	21.634 ug/ml
9) T Phenanthrene (C19.36)	10.773	2868742	21.269 ug/ml
10) T Anthracene (C19.43)	10.847	2550254	19.119 ug/ml
12) T Fluoranthene (C21.85)	12.581	2847163	21.043 ug/ml
13) T Pyrene (C20.8)	12.877	2802383	20.908 ug/ml
14) T Benzo[a]anthracene (C...	14.786	2641099	20.731 ug/ml
15) T Chrysene (C27.41)	14.786	2641099	20.701 ug/ml
16) T benzo[b]fluoranthene ...	16.323	2558772	20.771 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	2558772	21.047 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	2523365	21.053 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	2531403	22.019 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	2531403	22.426 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2483813	21.919 ug/ml

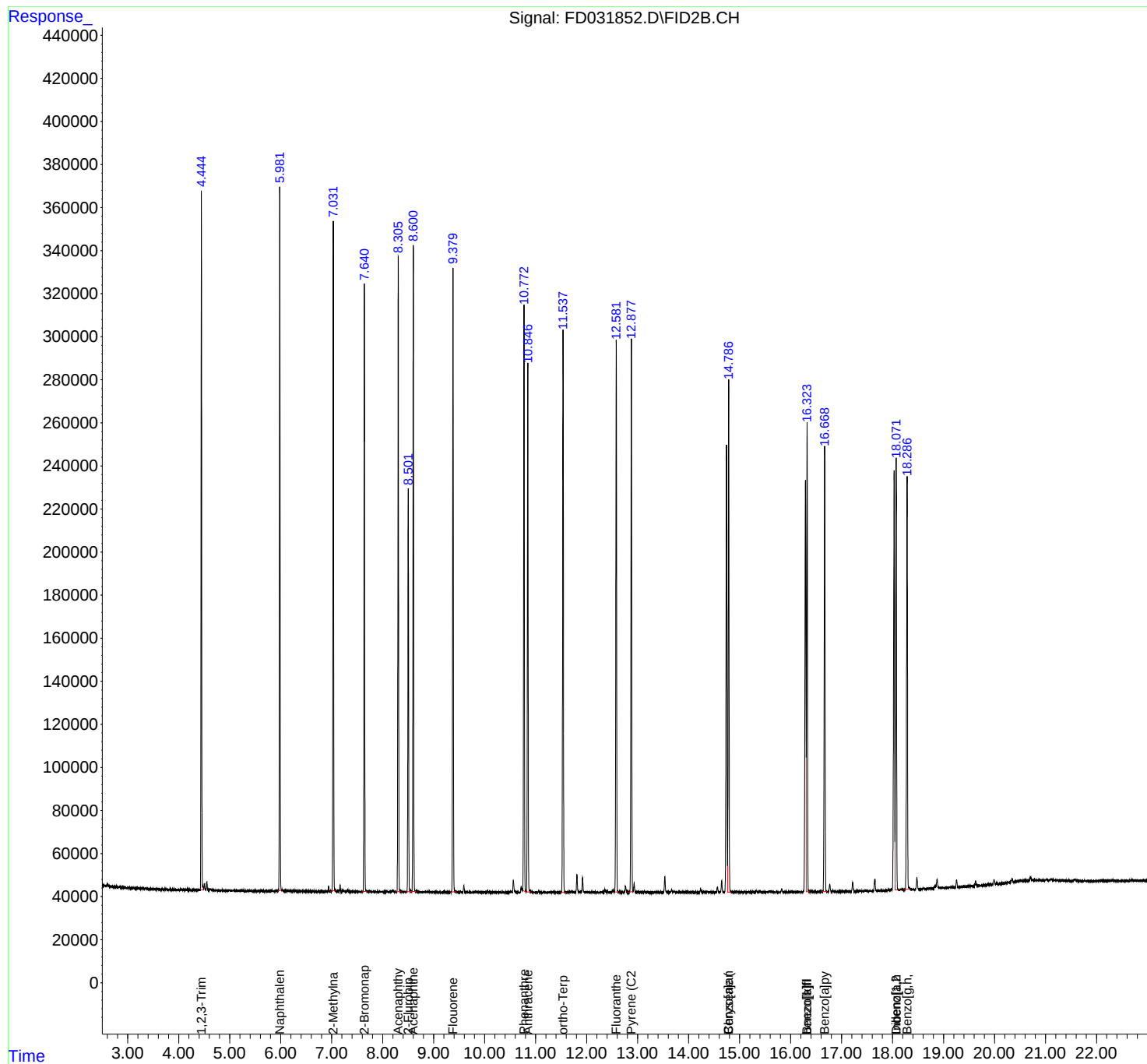
(f)=RT Delta > 1/2 Window

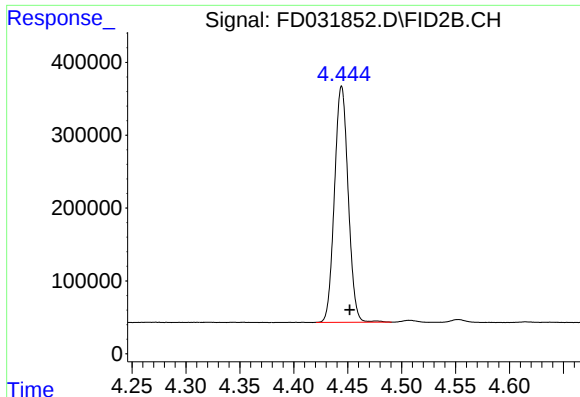
(m)=manual int.

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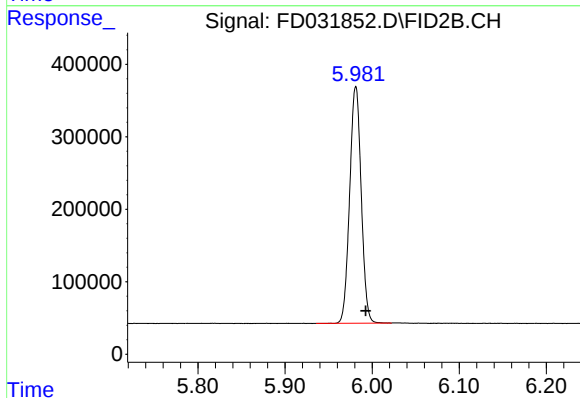
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





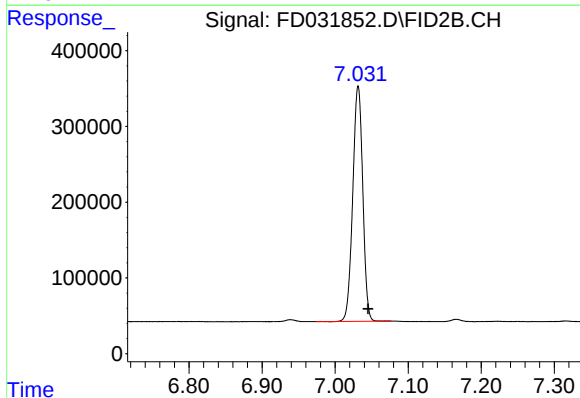
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min
Delta R.T.: -0.008 min
Response: 2871461
Conc: 22.72 ug/ml



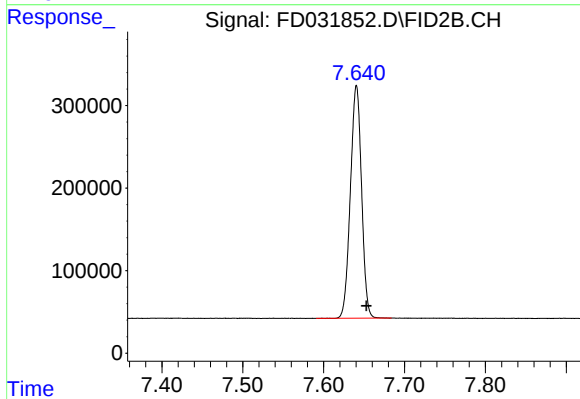
#2 Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.011 min
Response: 3001485
Conc: 22.26 ug/ml



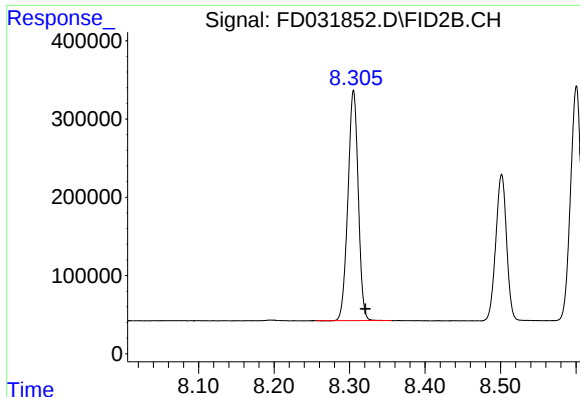
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.014 min
Response: 2958786
Conc: 21.99 ug/ml



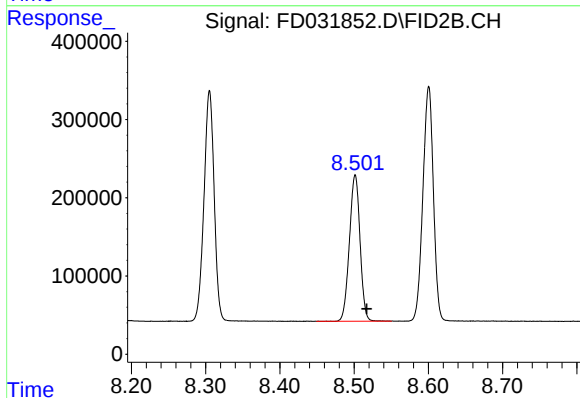
#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min
Delta R.T.: -0.012 min
Response: 2706404
Conc: 21.88 ug/ml



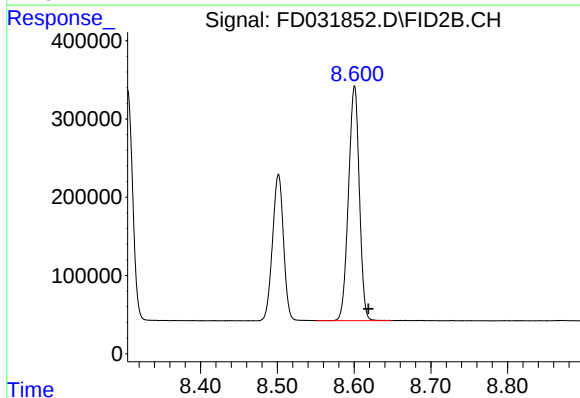
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: -0.015 min
Response: 2801363
Conc: 21.49 ug/ml



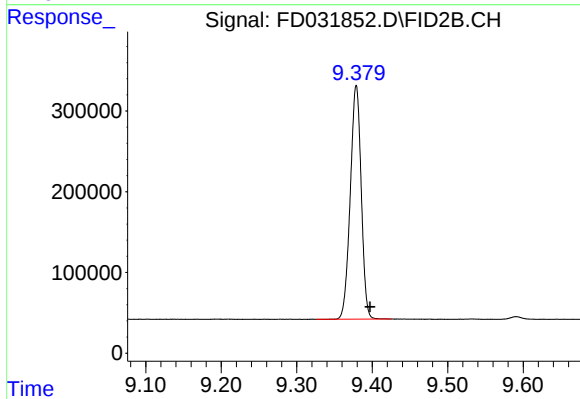
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: -0.015 min
Response: 1853536
Conc: 21.73 ug/ml



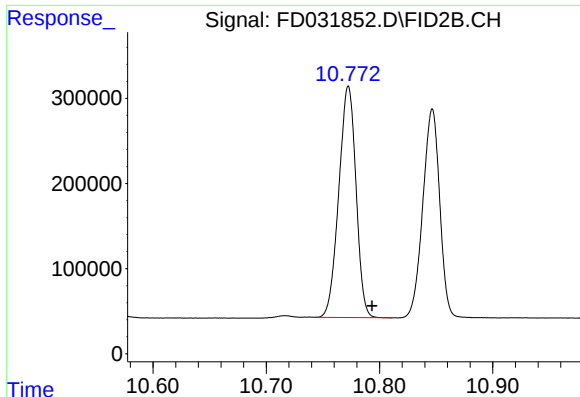
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.018 min
Response: 2949772
Conc: 21.83 ug/ml



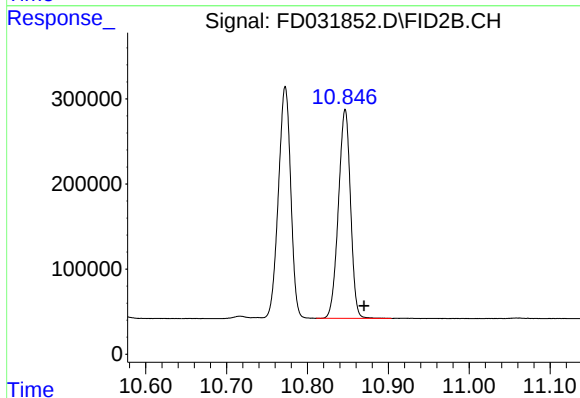
#8 Fluorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.018 min
Response: 2909964
Conc: 21.63 ug/ml



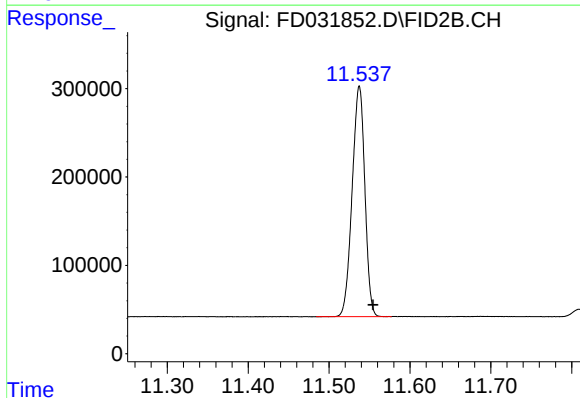
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: -0.021 min
Response: 2868742
Conc: 21.27 ug/ml



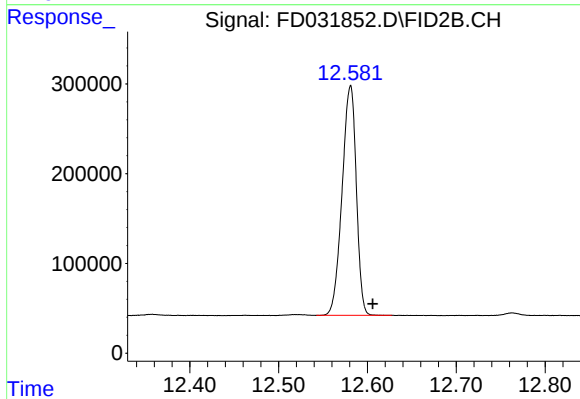
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.023 min
Response: 2550254
Conc: 19.12 ug/ml



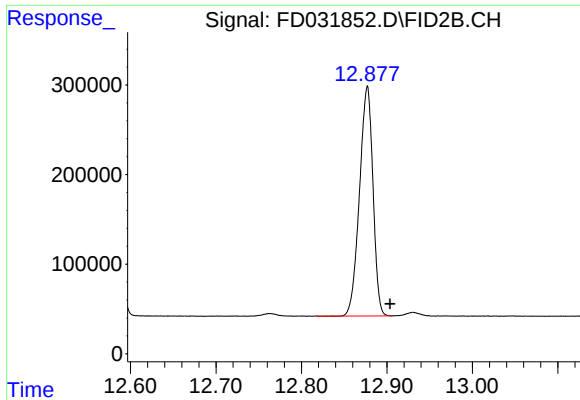
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.017 min
Response: 2845040
Conc: 21.50 ug/ml



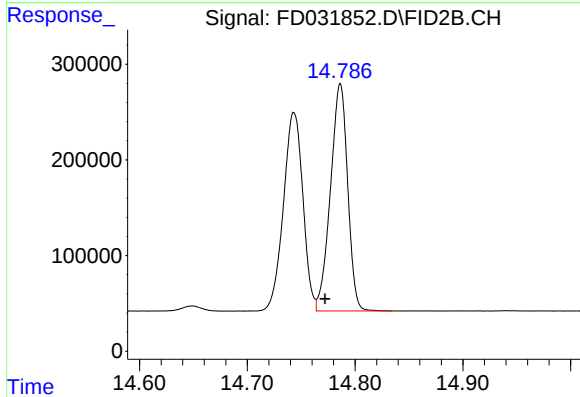
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.025 min
Response: 2847163
Conc: 21.04 ug/ml



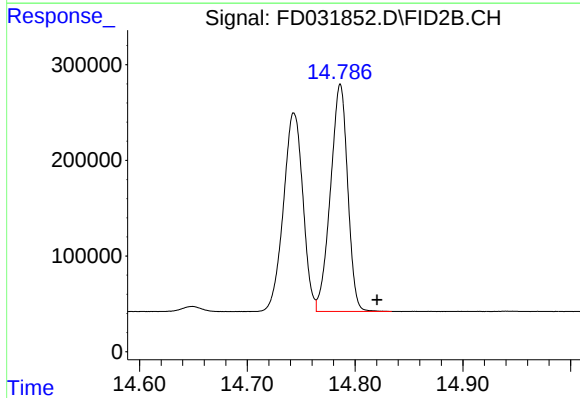
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: -0.027 min
Response: 2802383
Conc: 20.91 ug/ml



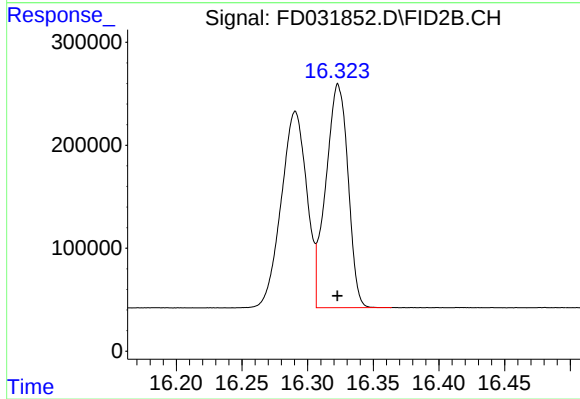
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: 0.014 min
Response: 2641099
Conc: 20.73 ug/ml



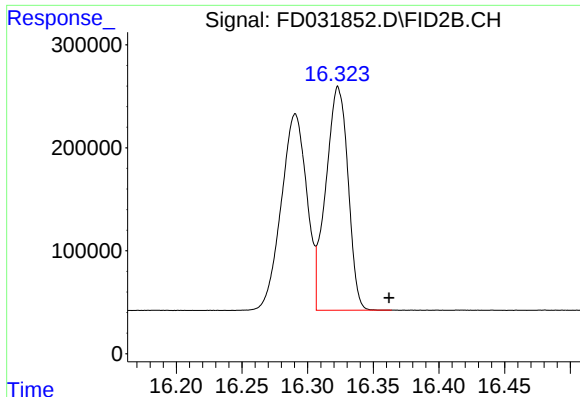
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.034 min
Response: 2641099
Conc: 20.70 ug/ml



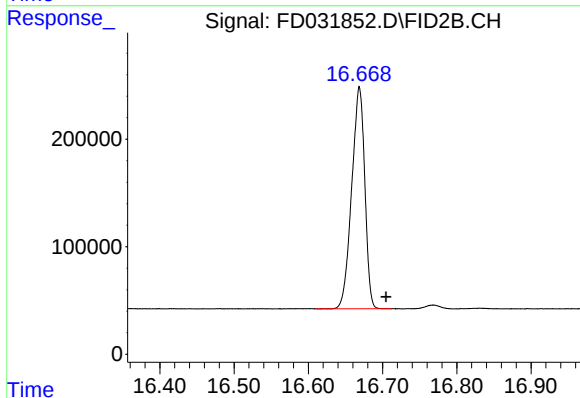
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.323 min
Delta R.T.: 0.000 min
Response: 2558772
Conc: 20.77 ug/ml



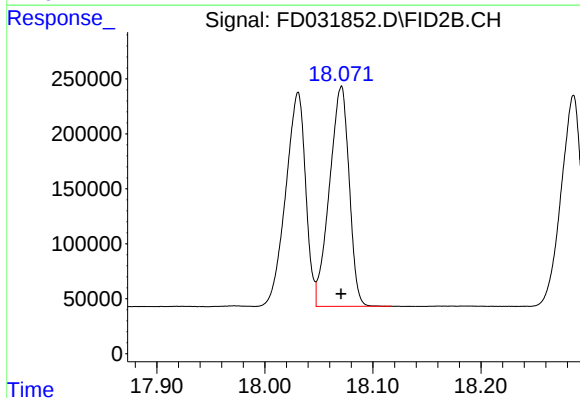
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: -0.039 min
Response: 2558772
Conc: 21.05 ug/ml



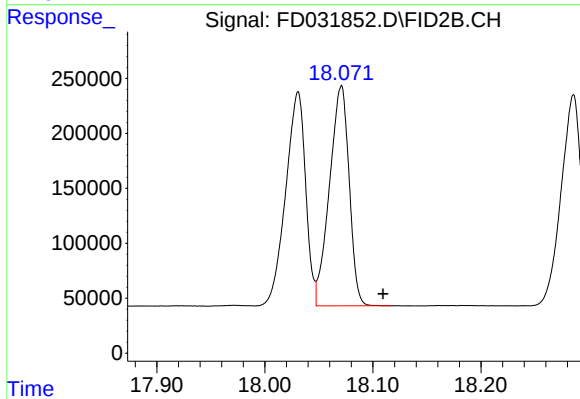
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: -0.036 min
Response: 2523365
Conc: 21.05 ug/ml



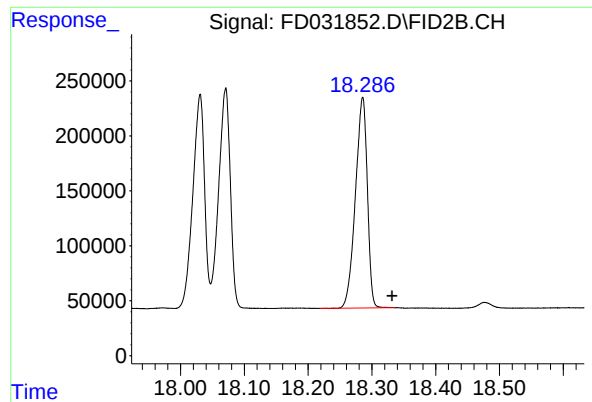
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 2531403
Conc: 22.02 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.039 min
Response: 2531403
Conc: 22.43 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.046 min
Response: 2483813
Conc: 21.92 ug/ml