

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102020AR\
 Data File : FD035098.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2020 14:35
 Operator : DD\AJ
 Sample : PB132447BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 21 01:17:00 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...	7.652	4048756	34.733 ug/ml
Spiked Amount 50.000		Recovery =	69.47%
6) S 2-Fluorobiphenyl (SURR)	8.517	2715240	33.073 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	66.15%
11) S ortho-Terphenyl (SURR)	11.555	3193802	23.291 ug/ml
Spiked Amount 50.000		Recovery =	46.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	2757241	21.235 ug/ml
2) T Naphthalene (C11.7)	5.989	3593269	26.252 ug/ml
3) T 2-Methylnaphthalene (...)	7.042	3716618	27.097 ug/ml
5) T Acenaphthylene (C15.06)	8.319	3574901	26.405 ug/ml
7) T Acenaphthene (C15.5)	8.614	3788954	27.445 ug/ml
8) T Flouorene (C16.55)	9.395	3638904	27.070 ug/ml
9) T Phenanthrene (C19.36)	10.792	3537063	26.482 ug/ml
10) T Anthracene (C19.43)	10.867	3514269	26.023 ug/ml
12) T Fluoranthene (C21.85)	12.605	3277776	24.908 ug/ml
13) T Pyrene (C20.8)	12.902	3225120	25.191 ug/ml
14) T Benzo[a]anthracene (C...	14.815	3110631	27.324 ug/ml
15) T Chrysene (C27.41)	14.815	3110631	25.397 ug/ml
16) T benzo[b]fluoranthene ...	16.356	2625873	24.498 ug/ml
17) T Bnezo[k]fluoranthene ...	16.356	2625873	24.308 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.702	2449583	25.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.105	2505334	27.044 ug/ml
20) T Dibenz[a,h]anthracene...	18.105	2505334	24.808 ug/ml
21) T Benzo[g,h,i]perylene ...	18.323	2599208	26.974 ug/ml

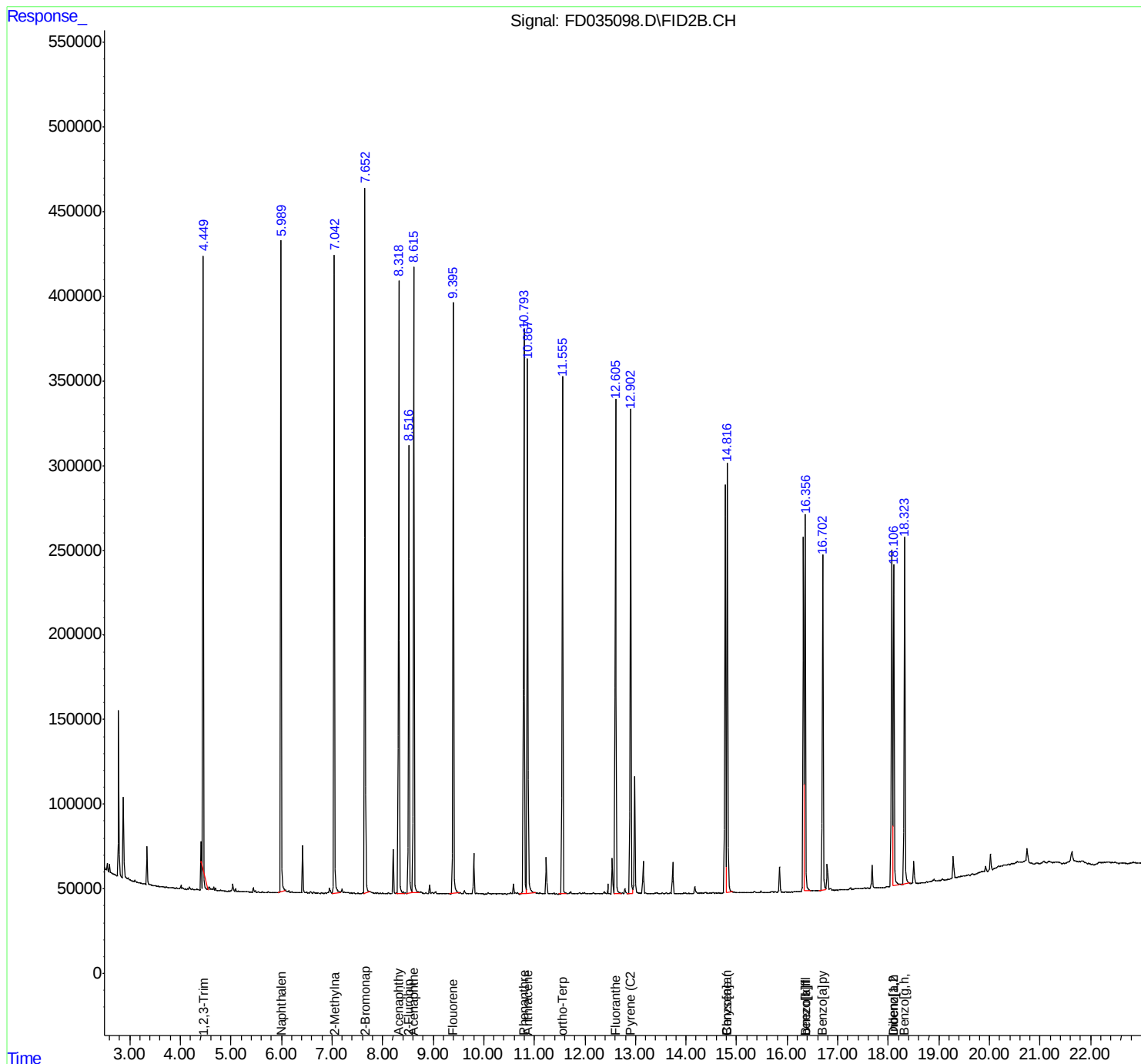
(f)=RT Delta > 1/2 Window

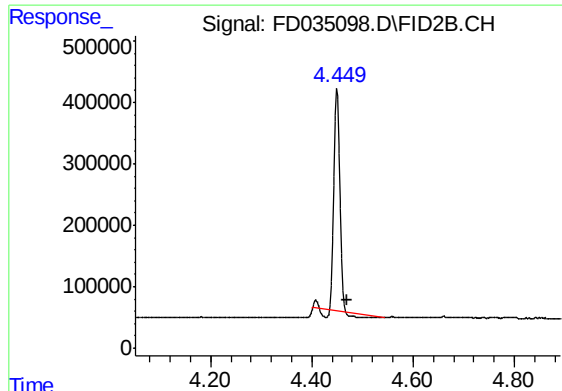
(m)=manual int.

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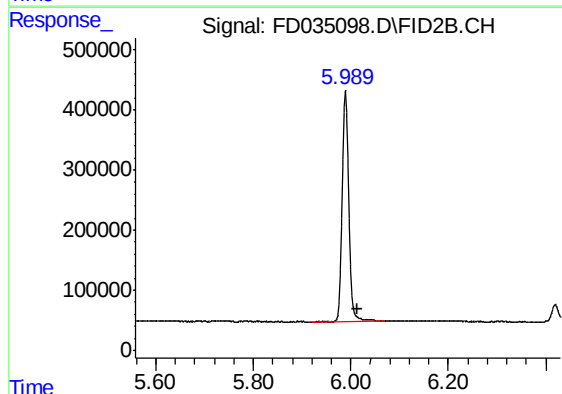
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Signal Info : 20M x 0.18mm x 0.18µm





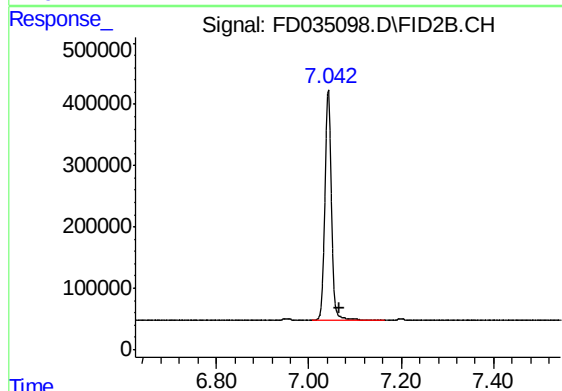
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.449 min
Delta R.T.: -0.022 min
Response: 2757241
Conc: 21.24 ug/ml



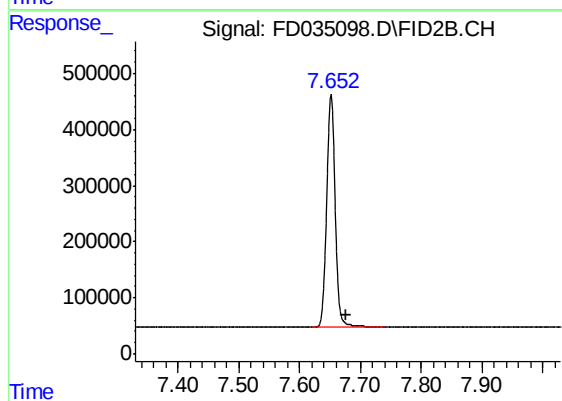
#2 Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.024 min
Response: 3593269
Conc: 26.25 ug/ml



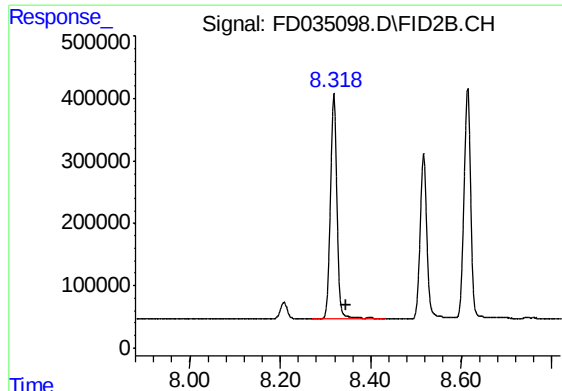
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: -0.025 min
Response: 3716618
Conc: 27.10 ug/ml



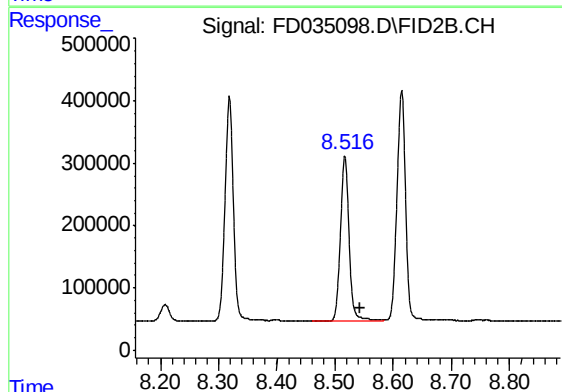
#4 2-Bromonaphthalene (SURR)

R.T.: 7.652 min
Delta R.T.: -0.025 min
Response: 4048756
Conc: 34.73 ug/ml



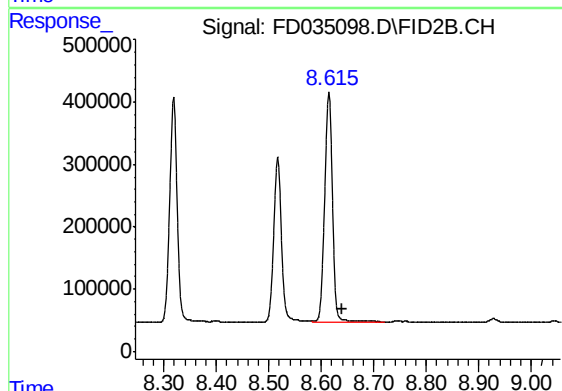
#5 Acenaphthylene (C15.06)

R.T.: 8.319 min
Delta R.T.: -0.026 min
Response: 3574901
Conc: 26.40 ug/ml



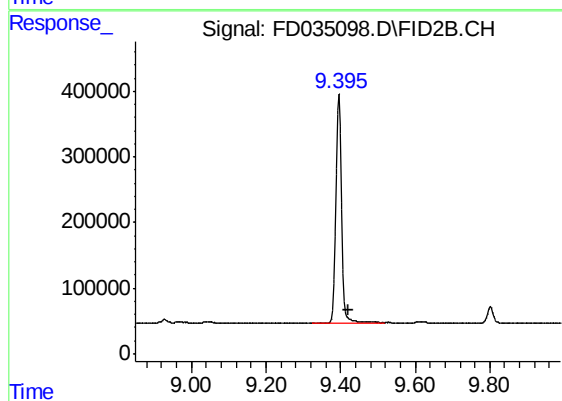
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.517 min
Delta R.T.: -0.026 min
Response: 2715240
Conc: 33.07 ug/ml



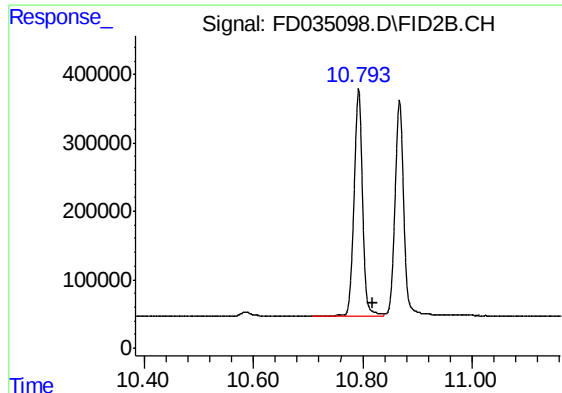
#7 Acenaphthene (C15.5)

R.T.: 8.614 min
Delta R.T.: -0.026 min
Response: 3788954
Conc: 27.45 ug/ml



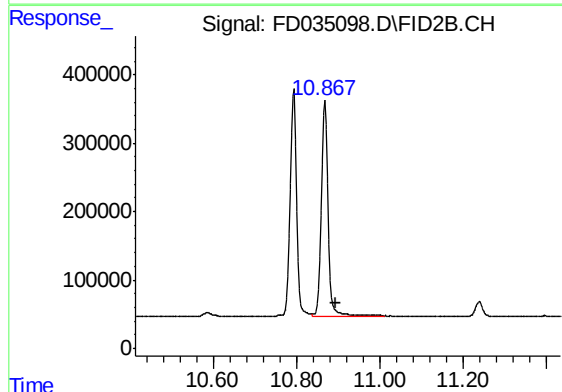
#8 Fluorene (C16.55)

R.T.: 9.395 min
Delta R.T.: -0.027 min
Response: 3638904
Conc: 27.07 ug/ml



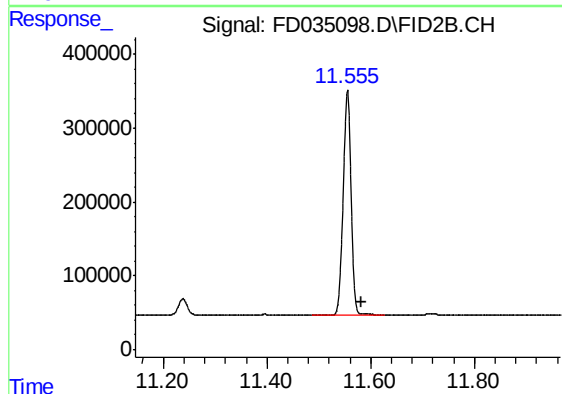
#9 Phenanthrene (C19.36)

R.T.: 10.792 min
Delta R.T.: -0.027 min
Response: 3537063
Conc: 26.48 ug/ml



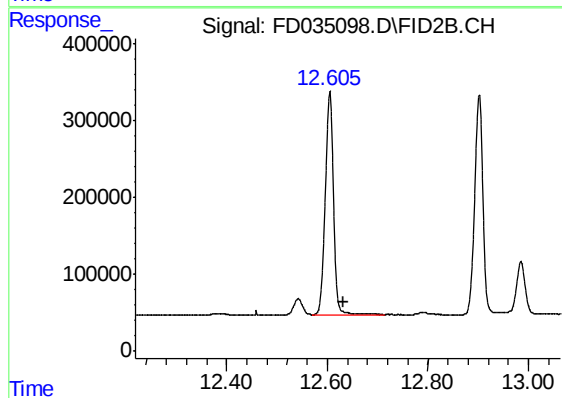
#10 Anthracene (C19.43)

R.T.: 10.867 min
Delta R.T.: -0.027 min
Response: 3514269
Conc: 26.02 ug/ml



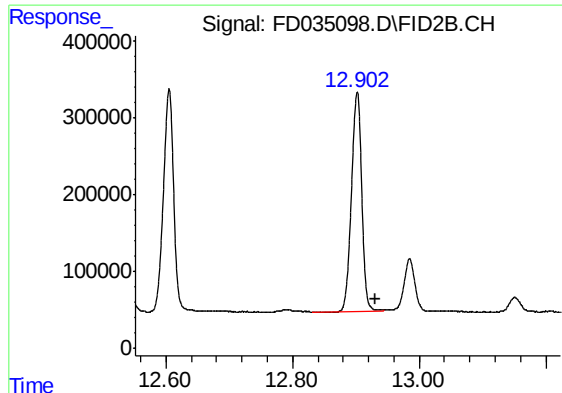
#11 ortho-Terphenyl (SURR)

R.T.: 11.555 min
Delta R.T.: -0.028 min
Response: 3193802
Conc: 23.29 ug/ml



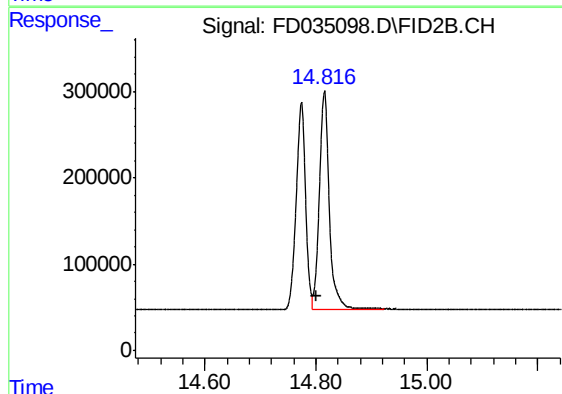
#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: -0.028 min
Response: 3277776
Conc: 24.91 ug/ml



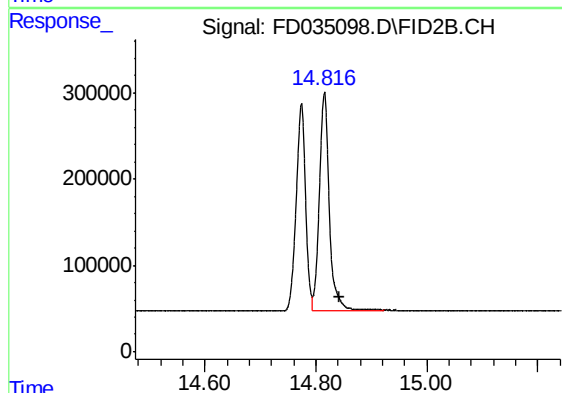
#13 Pyrene (C20.8)

R.T.: 12.902 min
Delta R.T.: -0.028 min
Response: 3225120
Conc: 25.19 ug/ml



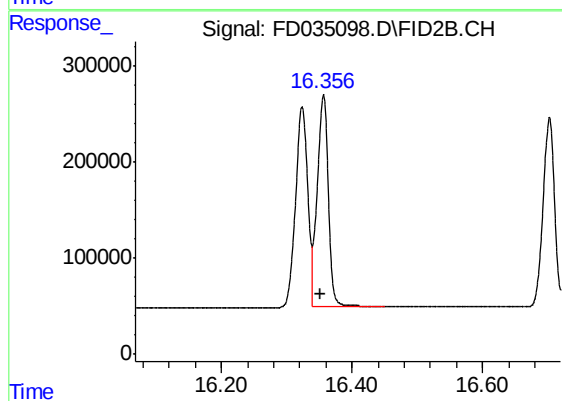
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.815 min
Delta R.T.: 0.013 min
Response: 3110631
Conc: 27.32 ug/ml



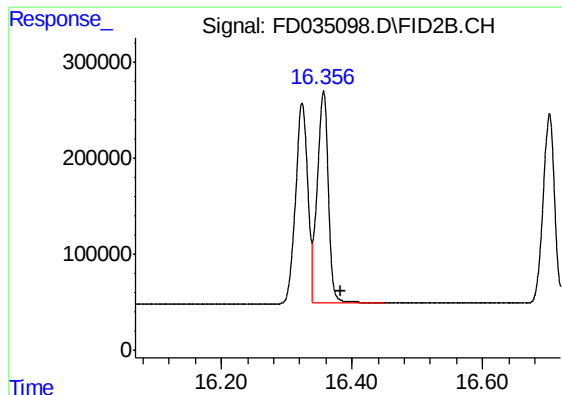
#15 Chrysene (C27.41)

R.T.: 14.815 min
Delta R.T.: -0.028 min
Response: 3110631
Conc: 25.40 ug/ml



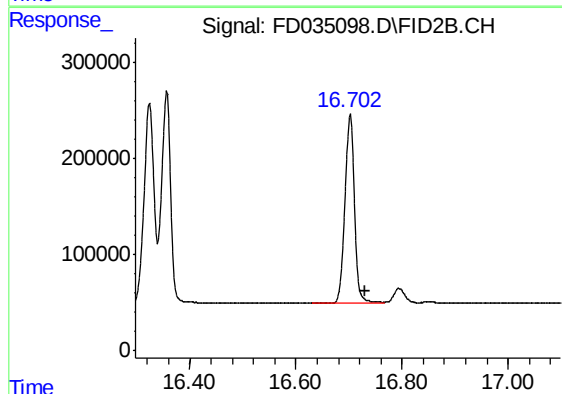
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.356 min
Delta R.T.: 0.004 min
Response: 2625873
Conc: 24.50 ug/ml



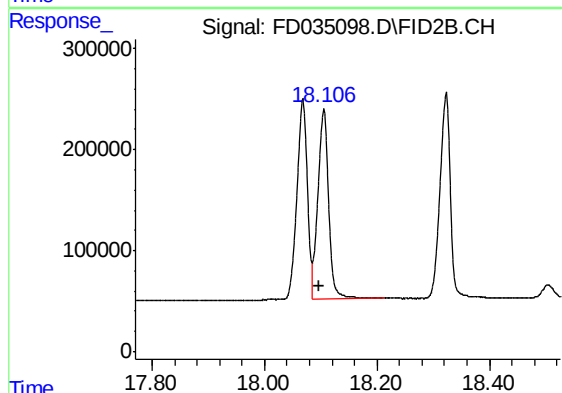
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.356 min
Delta R.T.: -0.028 min
Response: 2625873
Conc: 24.31 ug/ml



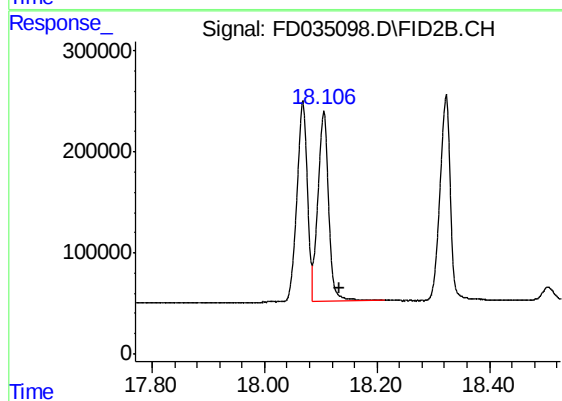
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: -0.029 min
Response: 2449583
Conc: 25.14 ug/ml



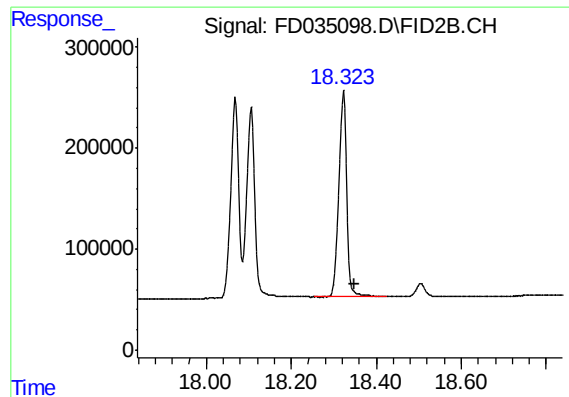
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.105 min
Delta R.T.: 0.009 min
Response: 2505334
Conc: 27.04 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.028 min
Response: 2505334
Conc: 24.81 ug/ml



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

R.T.: 18.323 min
Delta R.T.: -0.027 min
Response: 2599208
Conc: 26.97 ug/ml