

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100118AR\
 Data File : FD025805.D
 Signal(s) : FID2B.CH
 Acq On : 01 Oct 2018 9:51
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 01 10:16:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.425	1838456	23.550 ug/ml
Spiked Amount 50.000		Recovery =	47.10%
6) S 2-Fluorobiphenyl (SURR)	8.277	1286925	23.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.71%
11) S ortho-Terphenyl (SURR)	11.321	2112790	24.564 ug/ml
Spiked Amount 50.000		Recovery =	49.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	1927920	22.761 ug/ml
2) T Naphthalene (C11.7)	5.760	2087497	22.792 ug/ml
3) T 2-Methylnaphthalene (...)	6.812	2073229	23.221 ug/ml
5) T Acenaphthylene (C15.06)	8.081	2023985	23.257 ug/ml
7) T Acenaphthene (C15.5)	8.376	2120956	23.341 ug/ml
8) T Fluorene (C16.55)	9.155	2117267	23.564 ug/ml
9) T Phenanthrene (C19.36)	10.545	2147189	23.058 ug/ml
10) T Anthracene (C19.43)	10.619	2102551	22.962 ug/ml
12) T Fluoranthene (C21.85)	12.351	2219729	22.648 ug/ml
13) T Pyrene (C20.8)	12.646	2230588	22.400 ug/ml
14) T Benzo[a]anthracene (C...	14.514	2208737	22.852 ug/ml
15) T Chrysene (C27.41)	14.555	2222843	22.857 ug/ml
16) T benzo[b]fluoranthene ...	16.059	2306629	23.478 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	2312800	23.722 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	2288879	23.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	2205355	23.263 ug/ml
20) T Dibenz[a,h]anthracene...	17.838	2167156	23.405 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	2275430	23.651 ug/ml

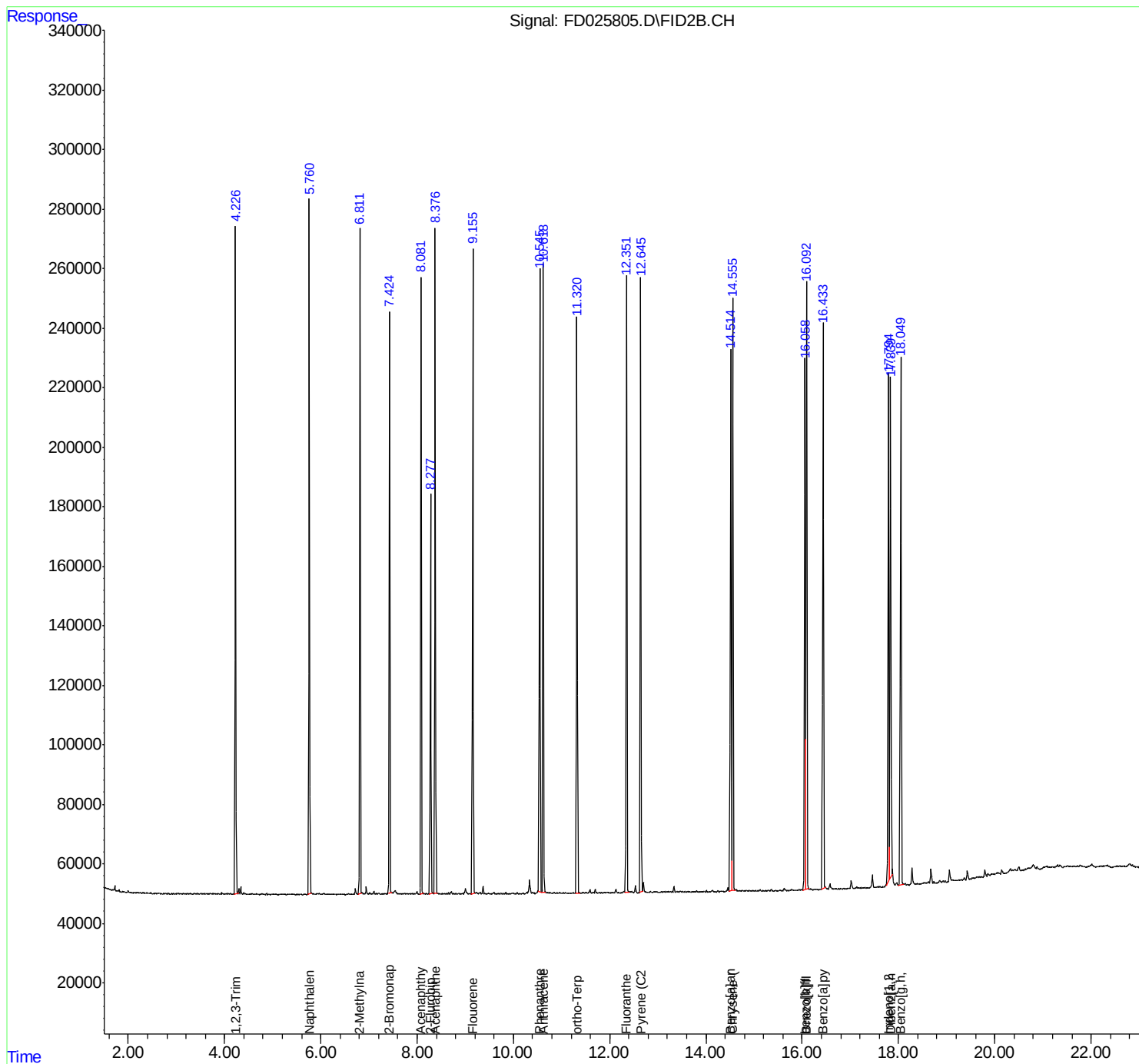
(f)=RT Delta > 1/2 Window

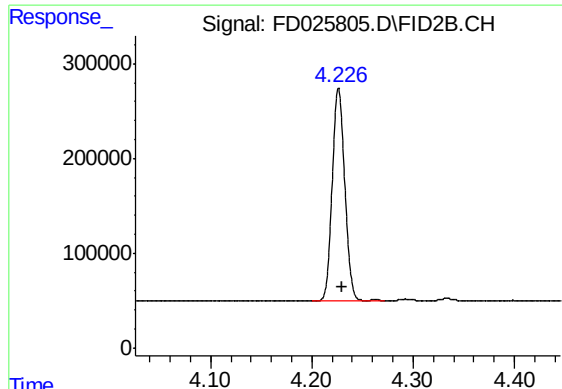
(m)=manual int.

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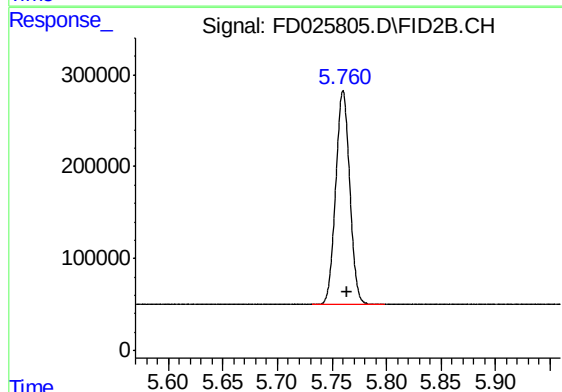
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





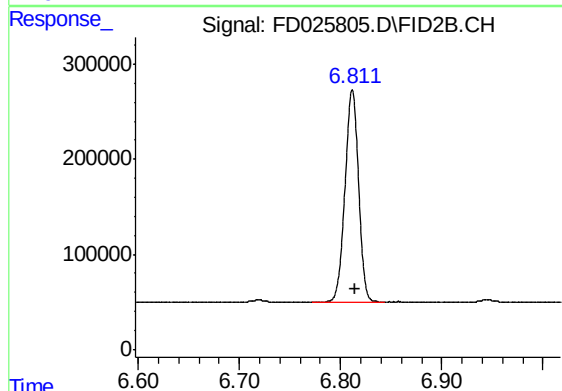
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 1927920
Conc: 22.76 ug/ml



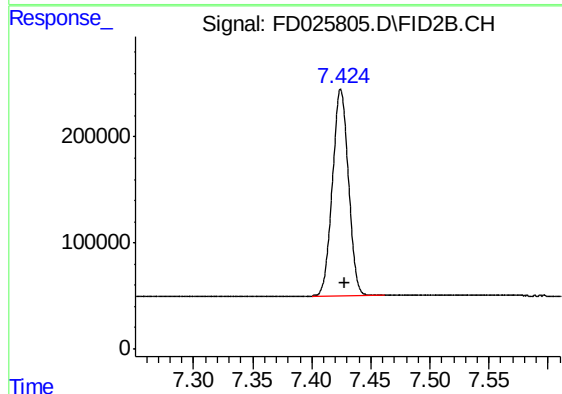
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: -0.004 min
Response: 2087497
Conc: 22.79 ug/ml



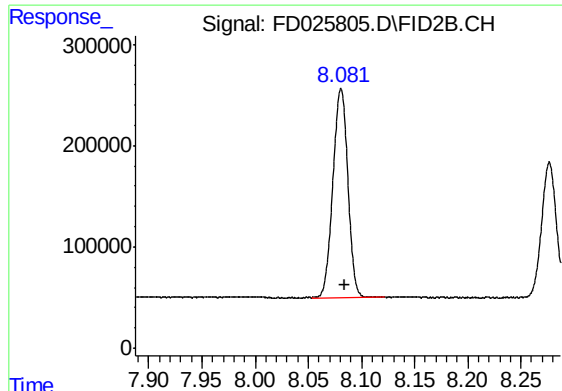
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: -0.003 min
Response: 2073229
Conc: 23.22 ug/ml



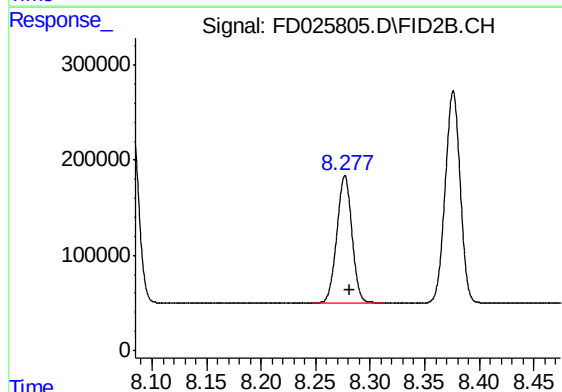
#4 2-Bromonaphthalene (SURR)

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 1838456
Conc: 23.55 ug/ml



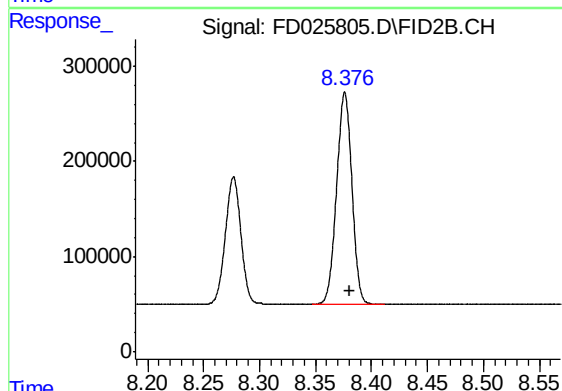
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.004 min
Response: 2023985
Conc: 23.26 ug/ml



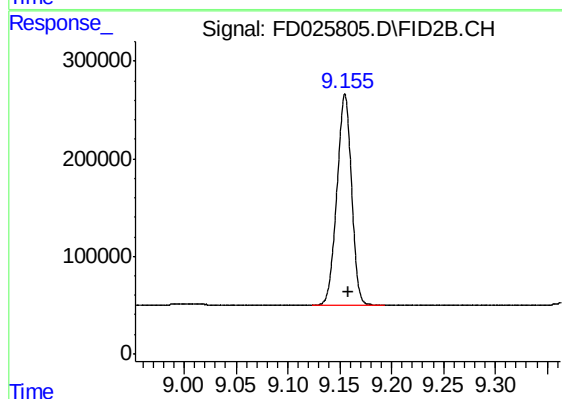
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 1286925
Conc: 23.36 ug/ml



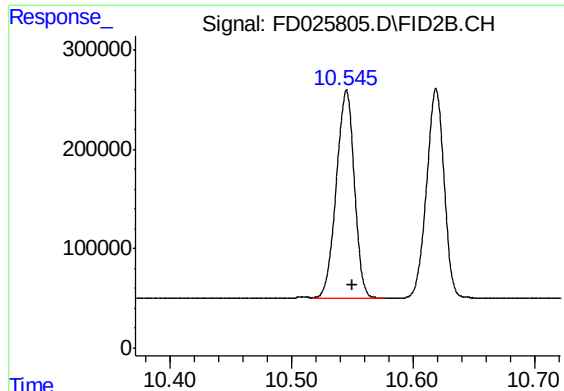
#7 Acenaphthene (C15.5)

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 2120956
Conc: 23.34 ug/ml



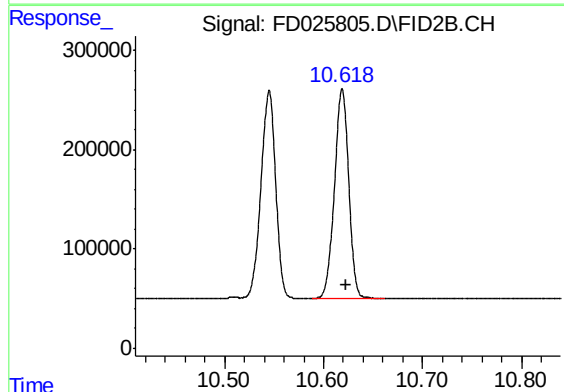
#8 Fluorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.004 min
Response: 2117267
Conc: 23.56 ug/ml



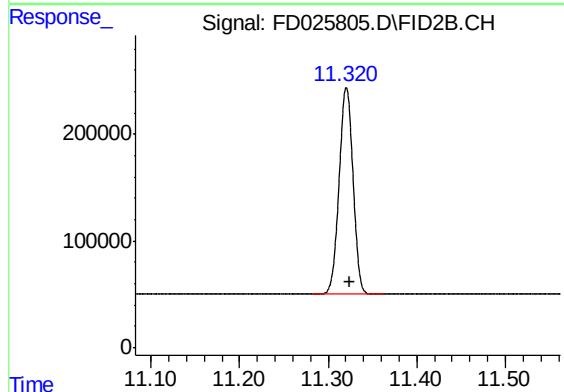
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.005 min
Response: 2147189
Conc: 23.06 ug/ml



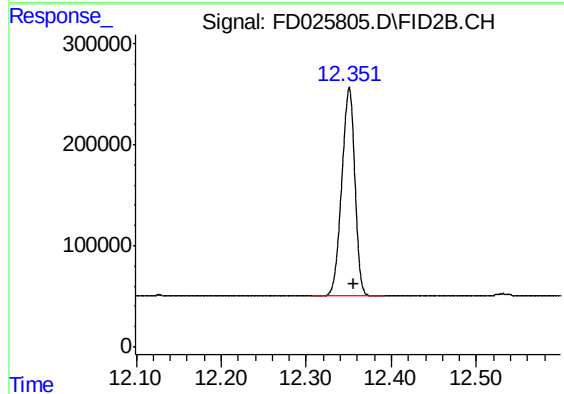
#10 Anthracene (C19.43)

R.T.: 10.619 min
Delta R.T.: -0.004 min
Response: 2102551
Conc: 22.96 ug/ml



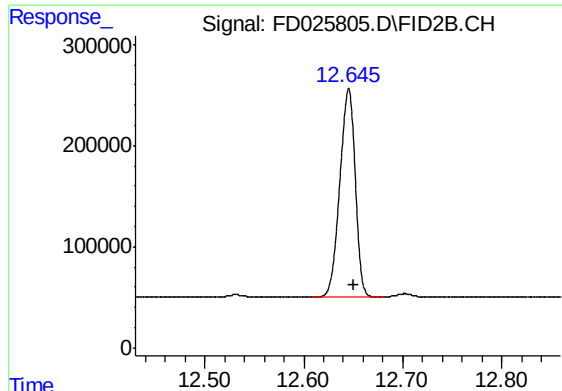
#11 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.004 min
Response: 2112790
Conc: 24.56 ug/ml



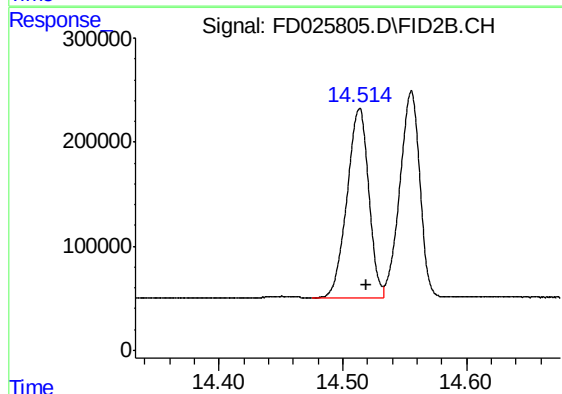
#12 Fluoranthene (C21.85)

R.T.: 12.351 min
Delta R.T.: -0.005 min
Response: 2219729
Conc: 22.65 ug/ml



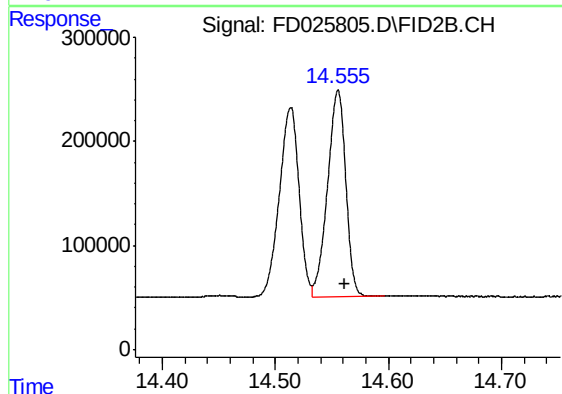
#13 Pyrene (C20.8)

R.T.: 12.646 min
Delta R.T.: -0.005 min
Response: 2230588
Conc: 22.40 ug/ml



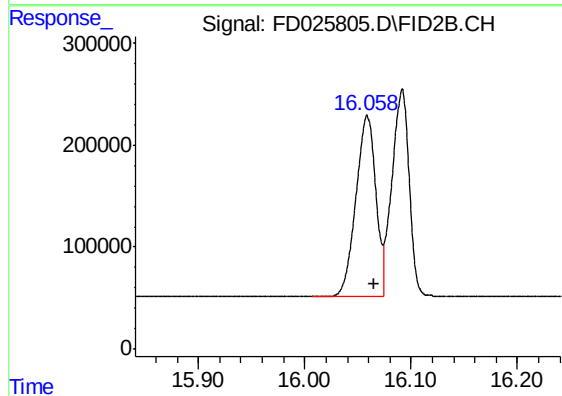
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.514 min
Delta R.T.: -0.006 min
Response: 2208737
Conc: 22.85 ug/ml



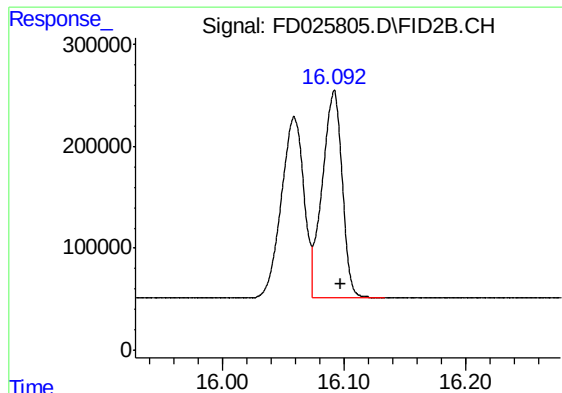
#15 Chrysene (C27.41)

R.T.: 14.555 min
Delta R.T.: -0.006 min
Response: 2222843
Conc: 22.86 ug/ml



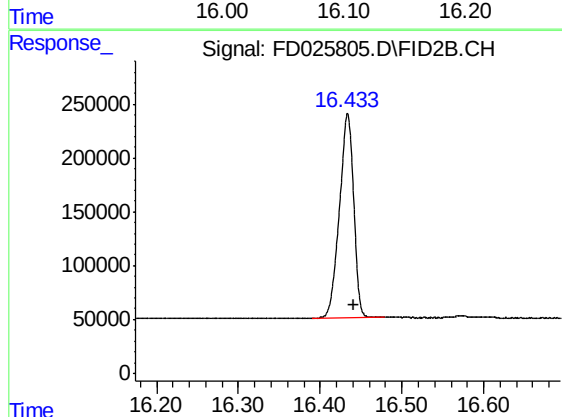
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.059 min
Delta R.T.: -0.006 min
Response: 2306629
Conc: 23.48 ug/ml



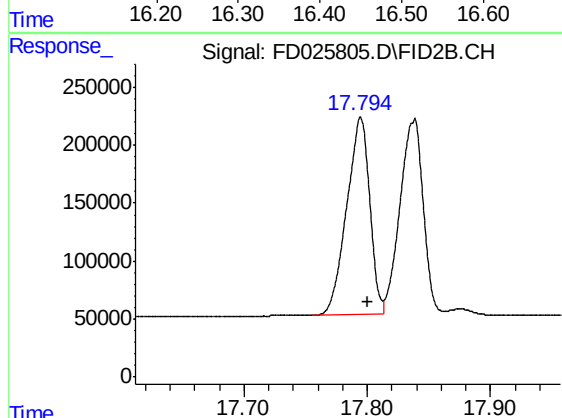
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.092 min
Delta R.T.: -0.005 min
Response: 2312800
Conc: 23.72 ug/ml



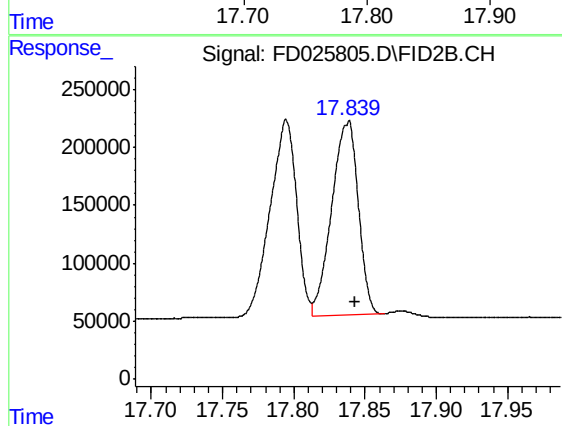
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.007 min
Response: 2288879
Conc: 23.43 ug/ml



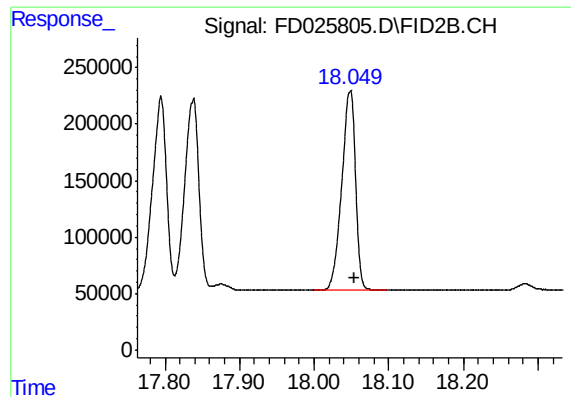
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.006 min
Response: 2205355
Conc: 23.26 ug/ml



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

R.T.: 17.838 min
Delta R.T.: -0.004 min
Response: 2167156
Conc: 23.40 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.006 min
Response: 2275430
Conc: 23.65 ug/ml