

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071219AR\
 Data File : FD029763.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jul 2019 23:18
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 00:59:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.692	3283994	20.753 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
6) S 2-Fluorobiphenyl (SURR)	8.555	2216196	20.632 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.26%
11) S ortho-Terphenyl (SURR)	11.592	3461247	20.395 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	3515584	20.793 ug/ml
2) T Naphthalene (C11.7)	6.032	3721809	20.796 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	3661517	20.755 ug/ml
5) T Acenaphthylene (C15.06)	8.359	3482740	20.573 ug/ml
7) T Acenaphthene (C15.5)	8.655	3635919	20.634 ug/ml
8) T Fluorene (C16.55)	9.434	3593992	20.568 ug/ml
9) T Phenanthrene (C19.36)	10.829	3544801	20.441 ug/ml
10) T Anthracene (C19.43)	10.903	3338075	19.743 ug/ml
12) T Fluoranthene (C21.85)	12.637	3449268	20.142 ug/ml
13) T Pyrene (C20.8)	12.934	3418749	20.097 ug/ml
14) T Benzo[a]anthracene (C...	14.800	3085697	19.794 ug/ml
15) T Chrysene (C27.41)	14.842	3092323	19.840 ug/ml
16) T benzo[b]fluoranthene ...	16.344	2879136	19.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.378	2828132	19.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.724	2747298	19.592 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.081	2542100	19.953 ug/ml
20) T Dibenz[a,h]anthracene...	18.121	2631392	21.041 ug/ml
21) T Benzo[g,h,i]perylene ...	18.338	2546738	20.416 ug/ml

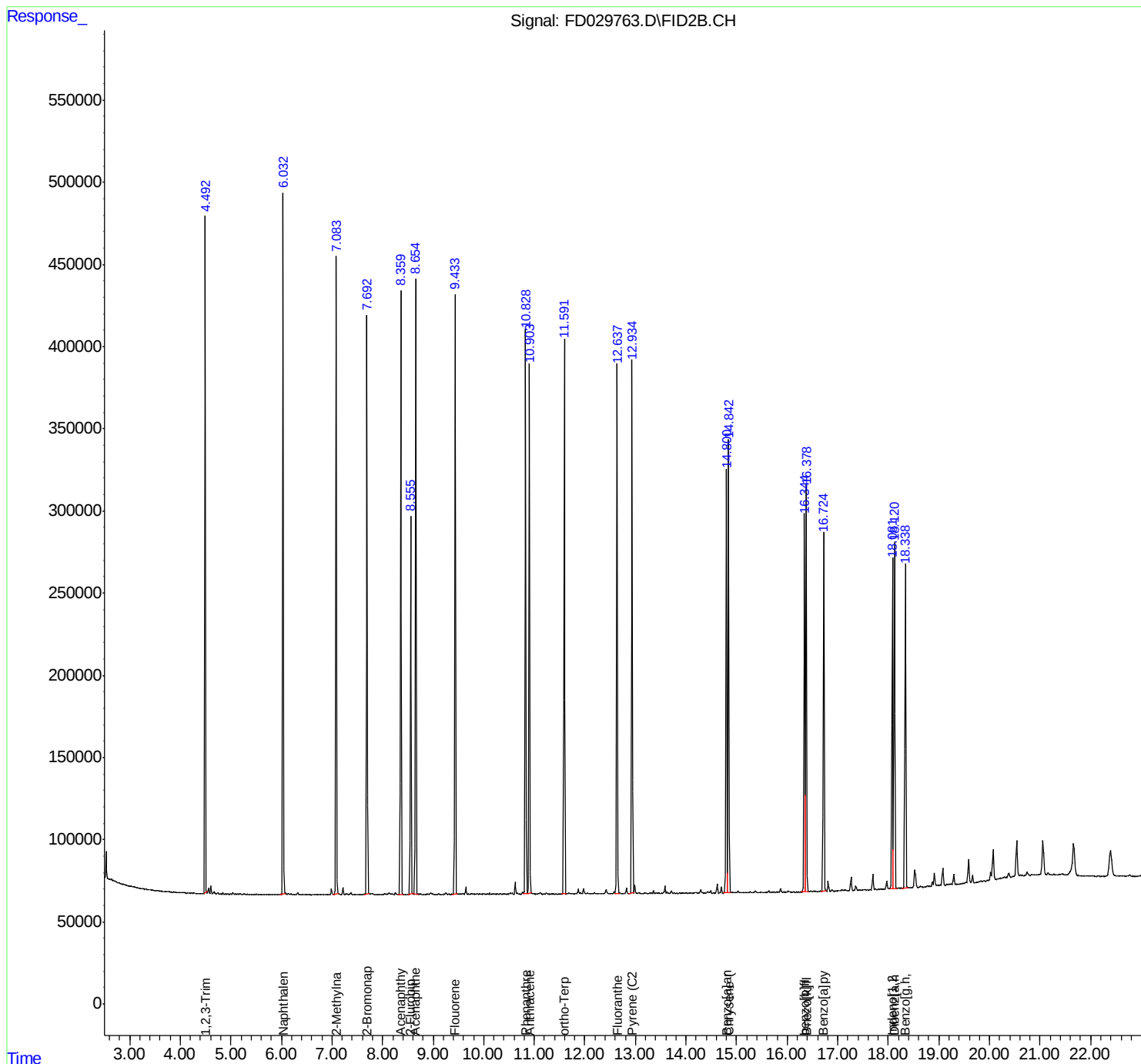
(f)=RT Delta > 1/2 Window

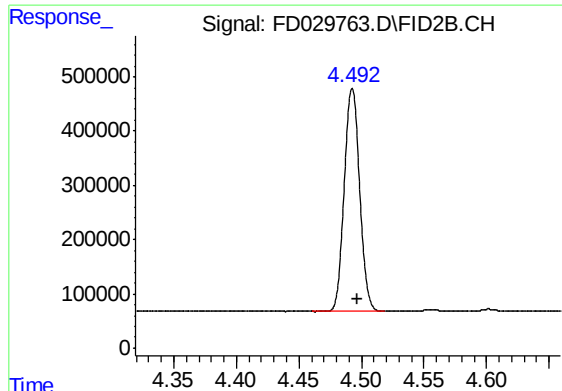
(m)=manual int.

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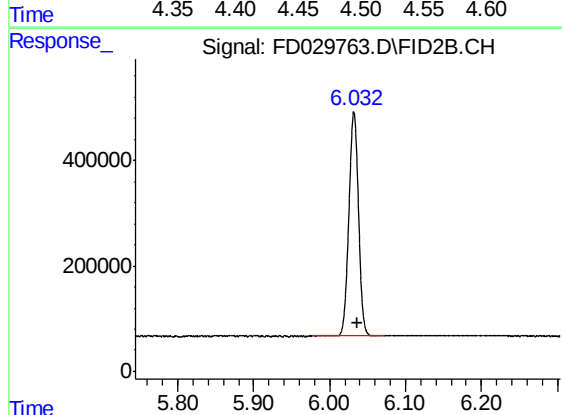
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





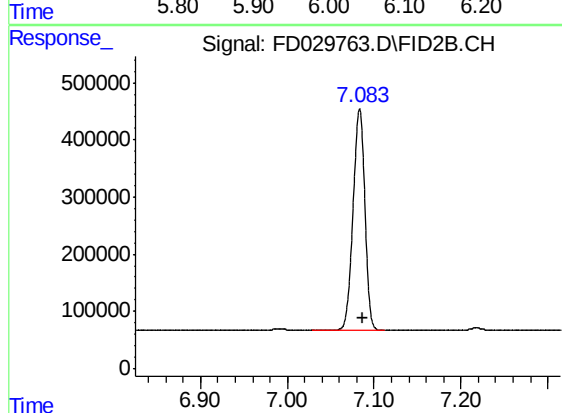
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 3515584
Conc: 20.79 ug/ml



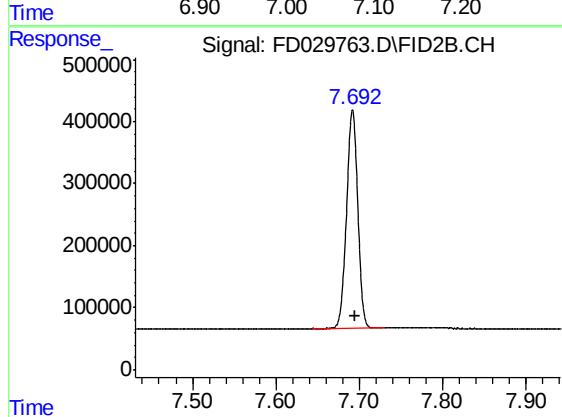
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 3721809
Conc: 20.80 ug/ml



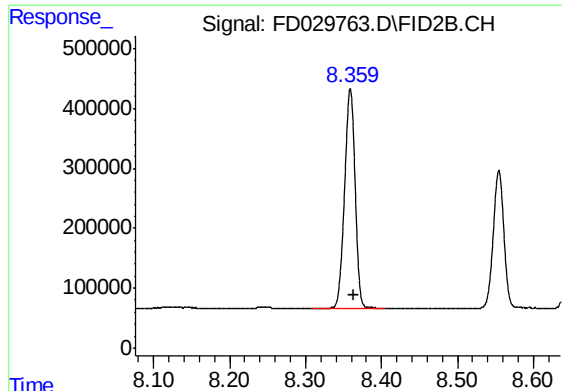
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 3661517
Conc: 20.76 ug/ml



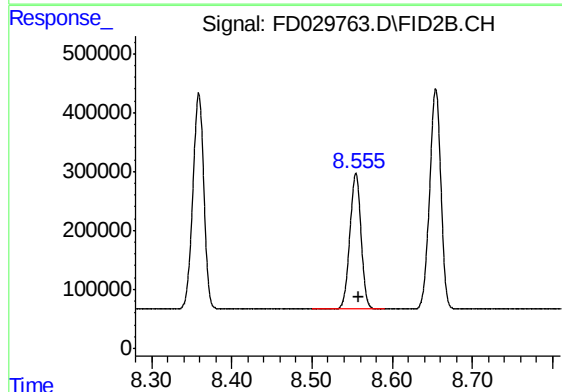
#4 2-Bromonaphthalene (SURR)

R.T.: 7.692 min
Delta R.T.: -0.004 min
Response: 3283994
Conc: 20.75 ug/ml



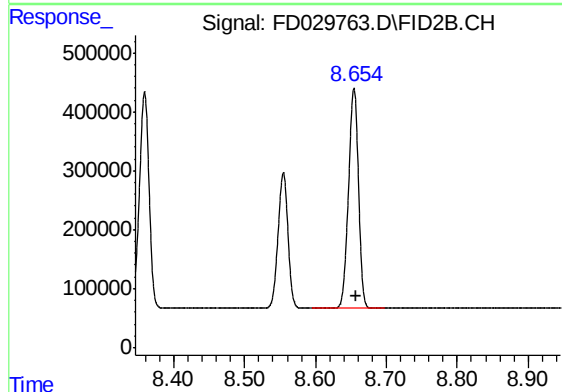
#5 Acenaphthylene (C15.06)

R.T.: 8.359 min
Delta R.T.: -0.004 min
Response: 3482740
Conc: 20.57 ug/ml



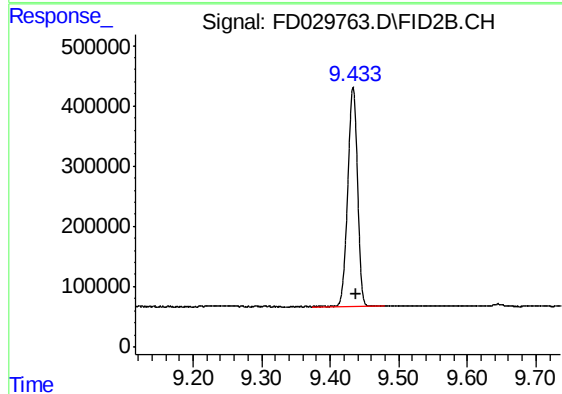
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.555 min
Delta R.T.: -0.003 min
Response: 2216196
Conc: 20.63 ug/ml



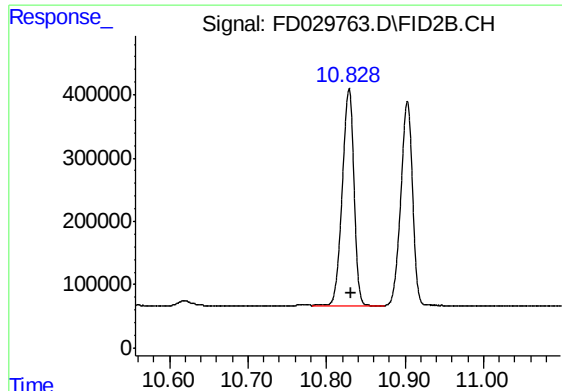
#7 Acenaphthene (C15.5)

R.T.: 8.655 min
Delta R.T.: -0.004 min
Response: 3635919
Conc: 20.63 ug/ml



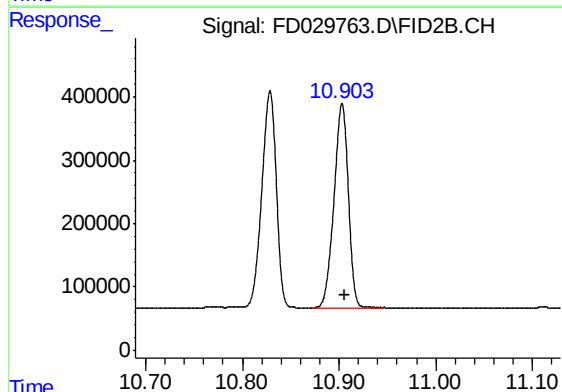
#8 Fluorene (C16.55)

R.T.: 9.434 min
Delta R.T.: -0.004 min
Response: 3593992
Conc: 20.57 ug/ml



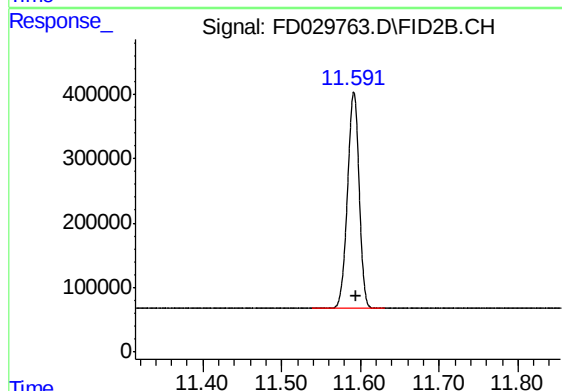
#9 Phenanthrene (C19.36)

R.T.: 10.829 min
Delta R.T.: -0.003 min
Response: 3544801
Conc: 20.44 ug/ml



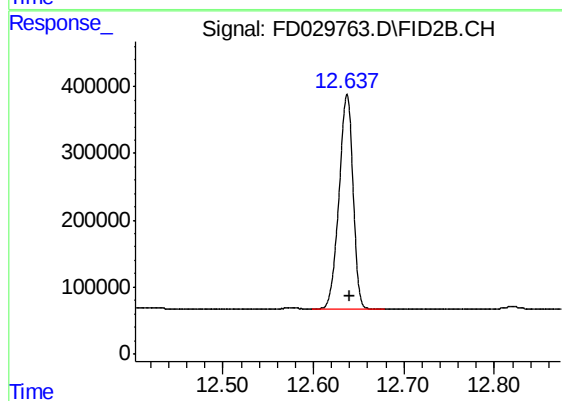
#10 Anthracene (C19.43)

R.T.: 10.903 min
Delta R.T.: -0.003 min
Response: 3338075
Conc: 19.74 ug/ml



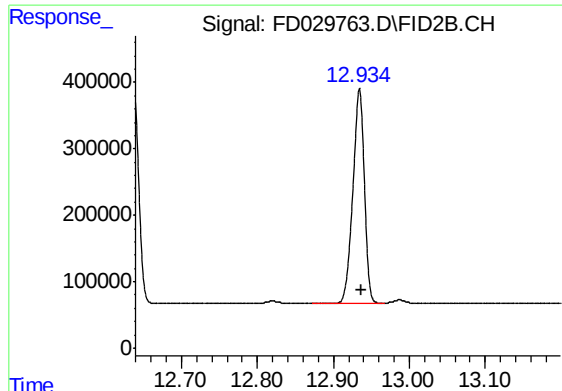
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.003 min
Response: 3461247
Conc: 20.39 ug/ml



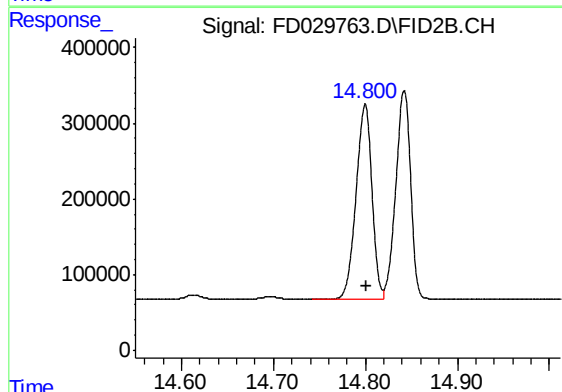
#12 Fluoranthene (C21.85)

R.T.: 12.637 min
Delta R.T.: -0.003 min
Response: 3449268
Conc: 20.14 ug/ml



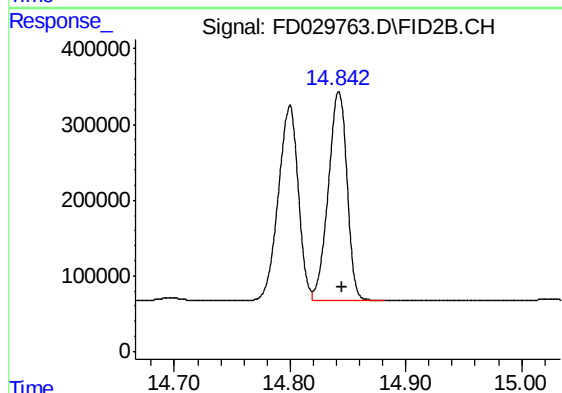
#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: -0.003 min
Response: 3418749
Conc: 20.10 ug/ml



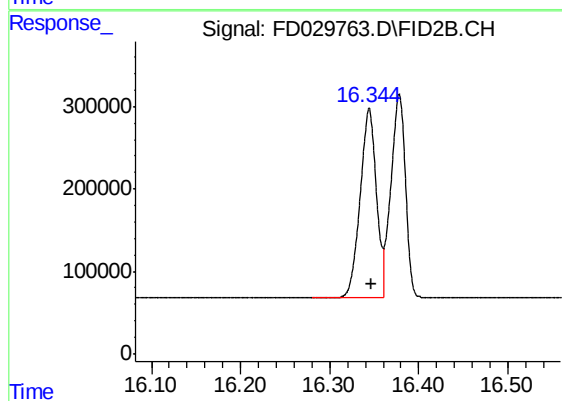
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 3085697
Conc: 19.79 ug/ml



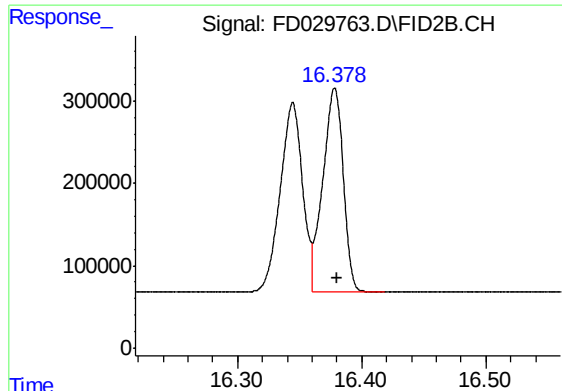
#15 Chrysene (C27.41)

R.T.: 14.842 min
Delta R.T.: -0.003 min
Response: 3092323
Conc: 19.84 ug/ml



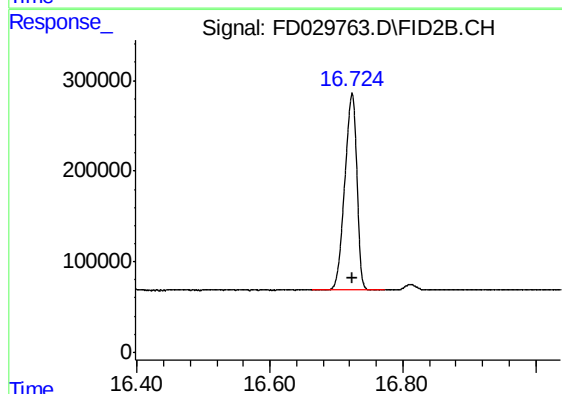
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.344 min
Delta R.T.: -0.003 min
Response: 2879136
Conc: 19.72 ug/ml



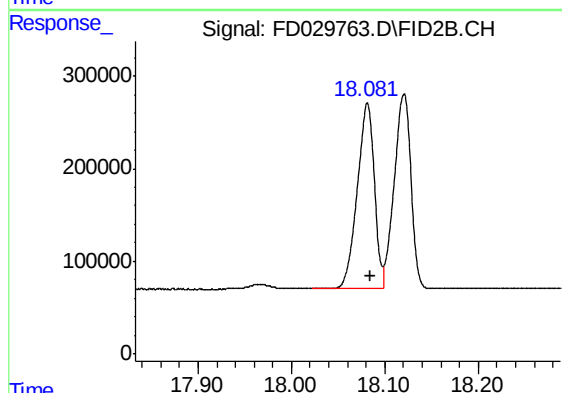
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.378 min
Delta R.T.: -0.002 min
Response: 2828132
Conc: 19.55 ug/ml



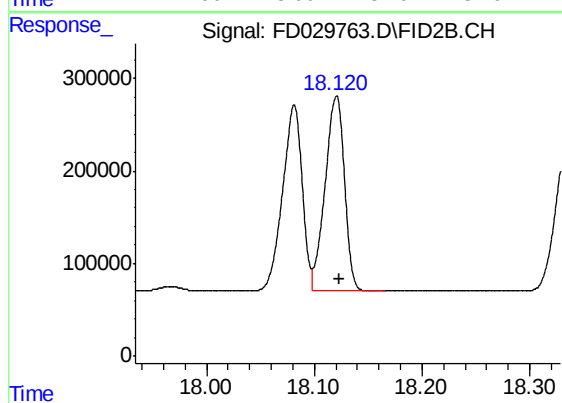
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.724 min
Delta R.T.: 0.000 min
Response: 2747298
Conc: 19.59 ug/ml



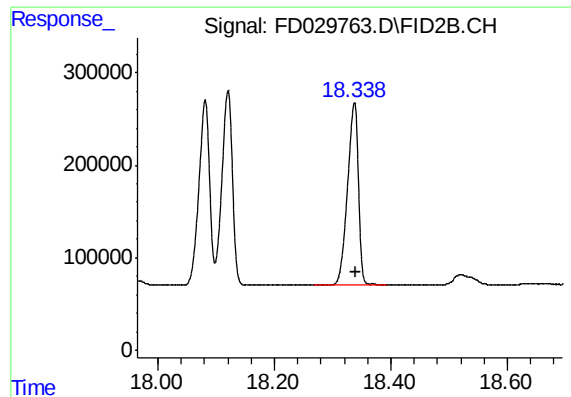
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.081 min
Delta R.T.: -0.003 min
Response: 2542100
Conc: 19.95 ug/ml



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

R.T.: 18.121 min
Delta R.T.: -0.003 min
Response: 2631392
Conc: 21.04 ug/ml



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

R.T.: 18.338 min
Delta R.T.: -0.001 min
Response: 2546738
Conc: 20.42 ug/ml