

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120418AR\
 Data File : FD026724.D
 Signal(s) : FID2B.CH
 Acq On : 04 Dec 2018 14:07
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 02:51:47 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 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...	7.381	1497204	19.719 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
6) S 2-Fluorobiphenyl (SURR)	8.231	1045425	19.993 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.99%
11) S ortho-Terphenyl (SURR)	11.275	1740815	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	1642808	20.581 ug/ml
2) T Naphthalene (C11.7)	5.716	1766432	20.128 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	1729632	19.956 ug/ml
5) T Acenaphthylene (C15.06)	8.034	1699125	20.046 ug/ml
7) T Acenaphthene (C15.5)	8.330	1774958	20.076 ug/ml
8) T Flouorene (C16.55)	9.109	1755390	19.918 ug/ml
9) T Phenanthrene (C19.36)	10.498	1807234	20.586 ug/ml
10) T Anthracene (C19.43)	10.572	1777234	20.299 ug/ml
12) T Fluoranthene (C21.85)	12.302	1895777	21.768 ug/ml
13) T Pyrene (C20.8)	12.596	1924017	22.198 ug/ml
14) T Benzo[a]anthracene (C...	14.465	1921456	22.595 ug/ml
15) T Chrysene (C27.41)	14.505	1958136	22.850 ug/ml
16) T benzo[b]fluoranthene ...	16.043	2046835	21.987 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	2046835	22.104 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	2015037	21.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	1907123	19.860 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	1805047	19.230 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	2008123	20.426 ug/ml

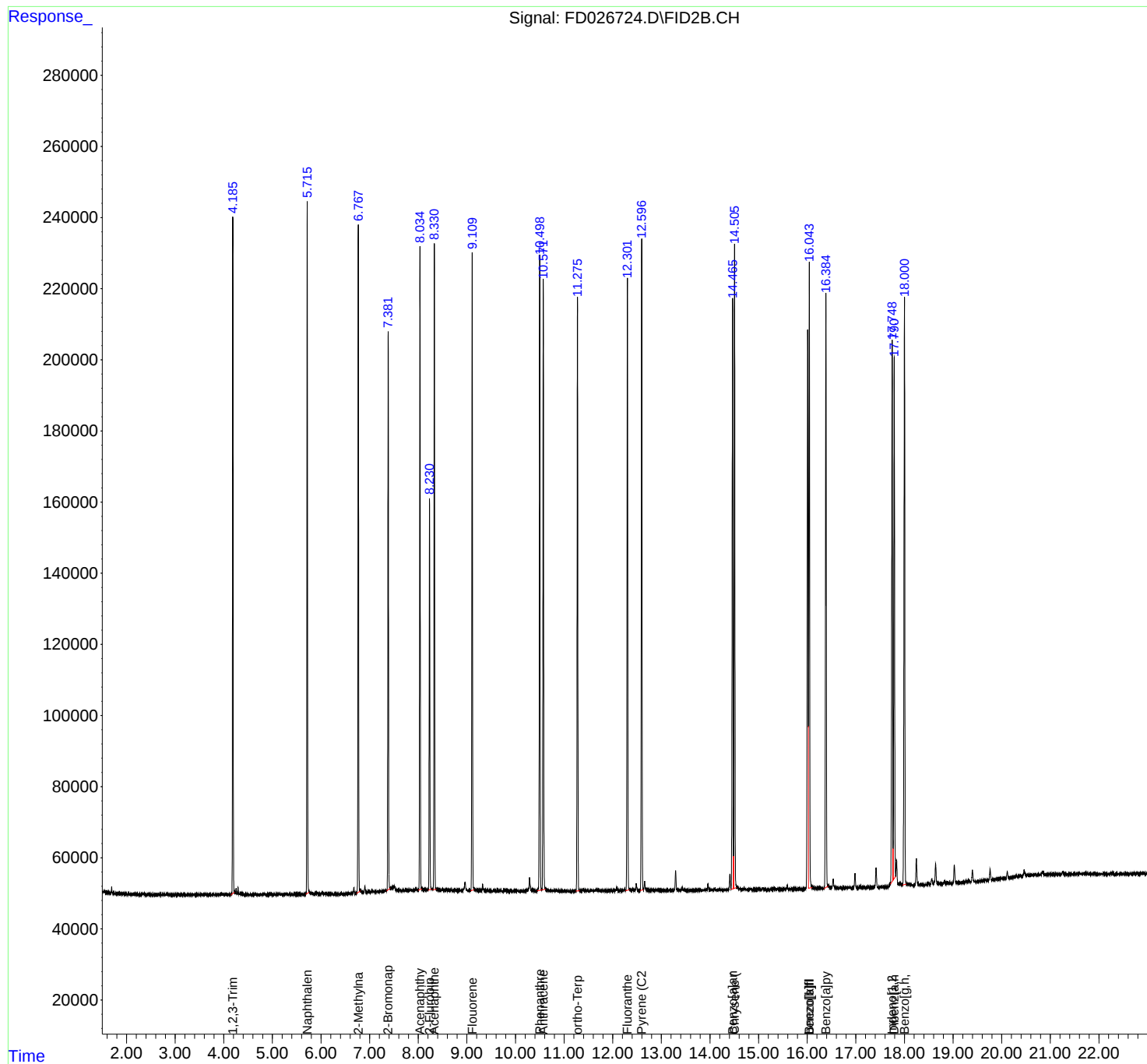
(f)=RT Delta > 1/2 Window

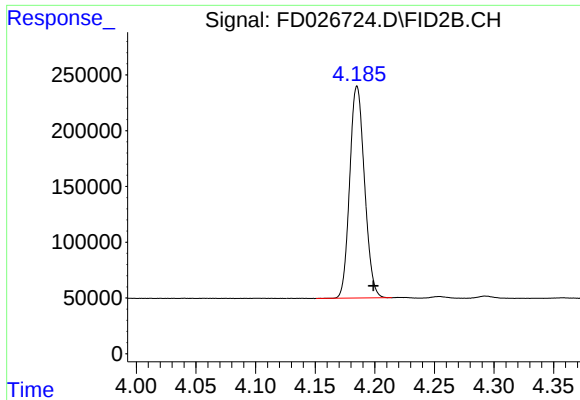
(m)=manual int.

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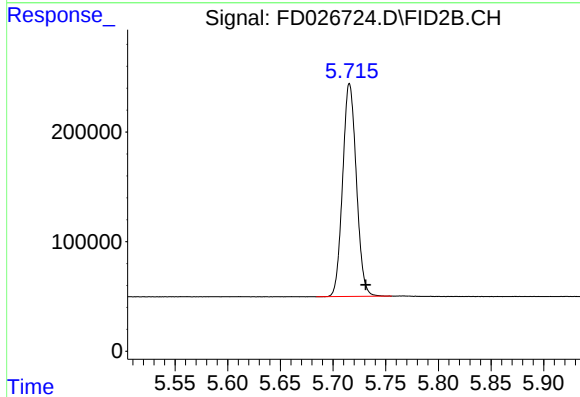
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





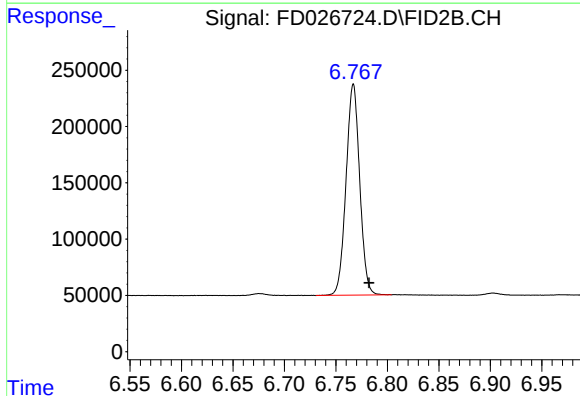
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.014 min
Response: 1642808
Conc: 20.58 ug/ml



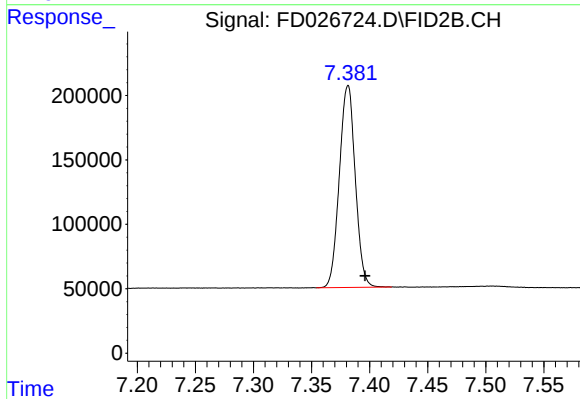
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 1766432
Conc: 20.13 ug/ml



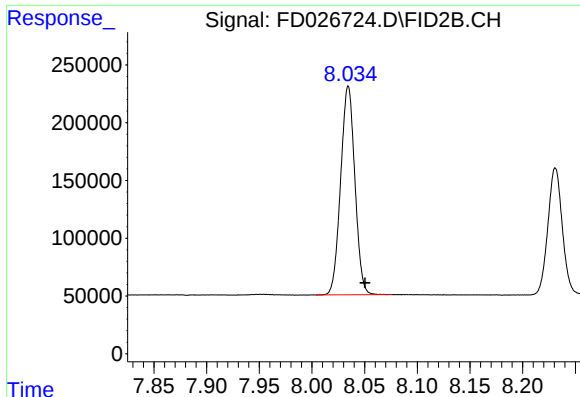
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.015 min
Response: 1729632
Conc: 19.96 ug/ml



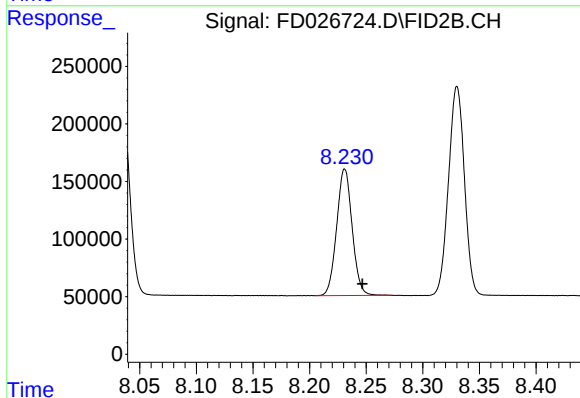
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 1497204
Conc: 19.72 ug/ml



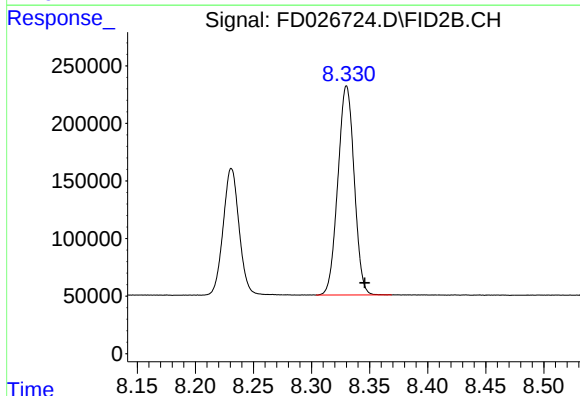
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: -0.016 min
Response: 1699125
Conc: 20.05 ug/ml



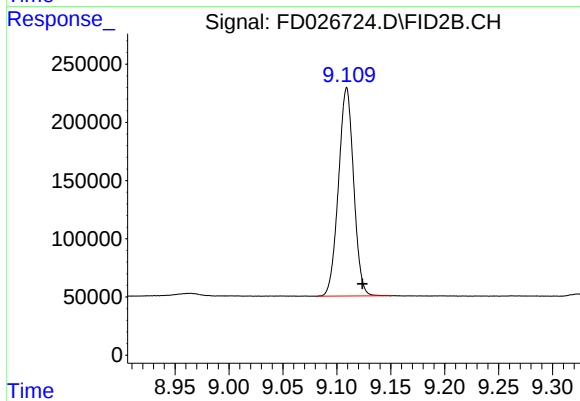
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.016 min
Response: 1045425
Conc: 19.99 ug/ml



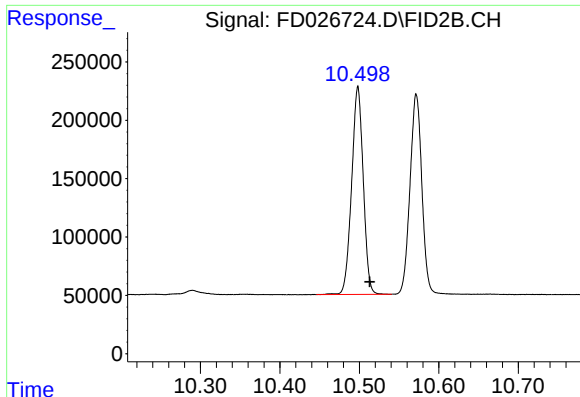
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 1774958
Conc: 20.08 ug/ml



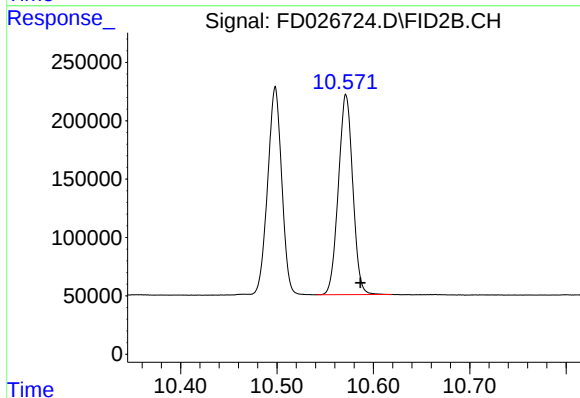
#8 Fluorene (C16.55)

R.T.: 9.109 min
Delta R.T.: -0.015 min
Response: 1755390
Conc: 19.92 ug/ml



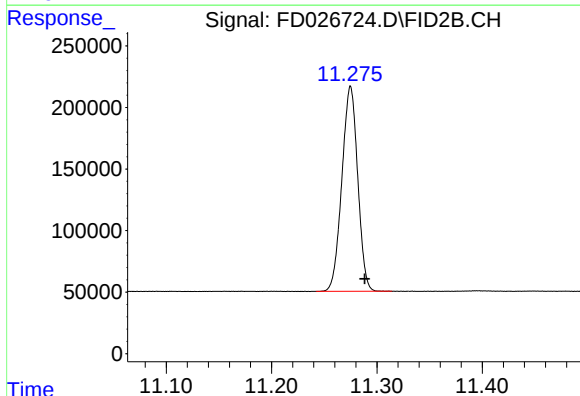
#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: -0.015 min
Response: 1807234
Conc: 20.59 ug/ml



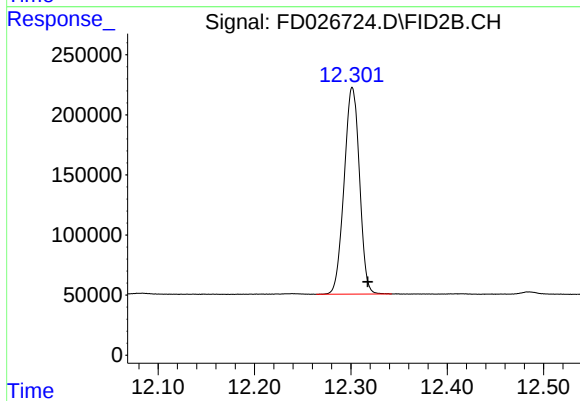
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.015 min
Response: 1777234
Conc: 20.30 ug/ml



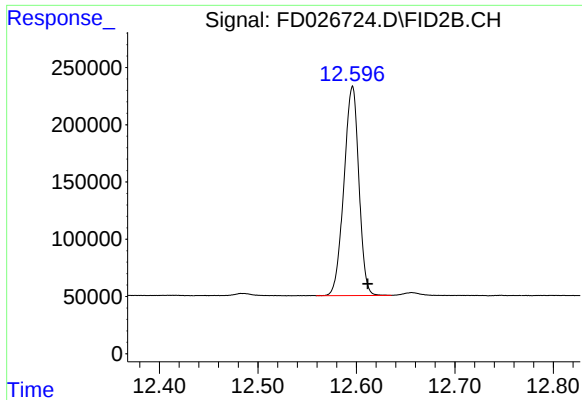
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 1740815
Conc: 20.54 ug/ml



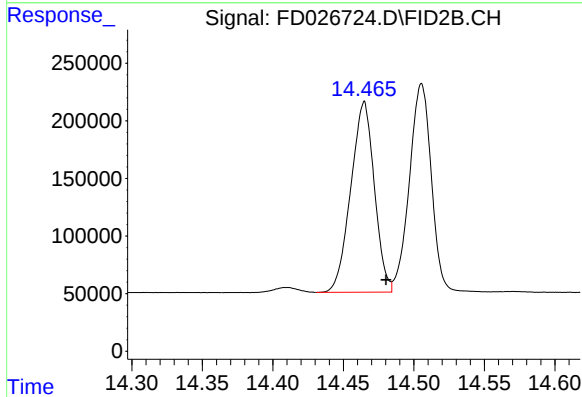
#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: -0.016 min
Response: 1895777
Conc: 21.77 ug/ml



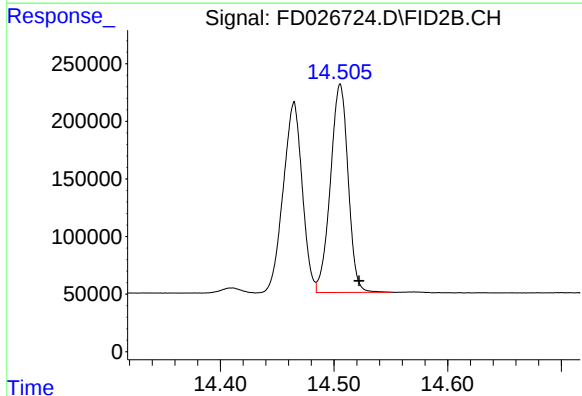
#13 Pyrene (C20.8)

R.T.: 12.596 min
Delta R.T.: -0.015 min
Response: 1924017
Conc: 22.20 ug/ml



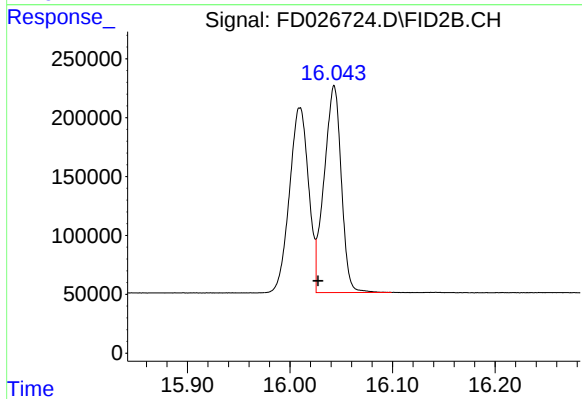
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.016 min
Response: 1921456
Conc: 22.60 ug/ml



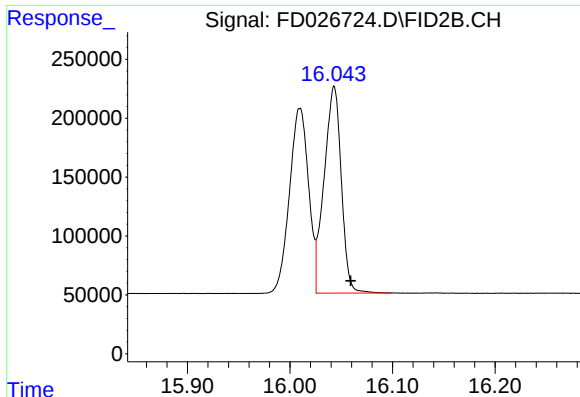
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.017 min
Response: 1958136
Conc: 22.85 ug/ml



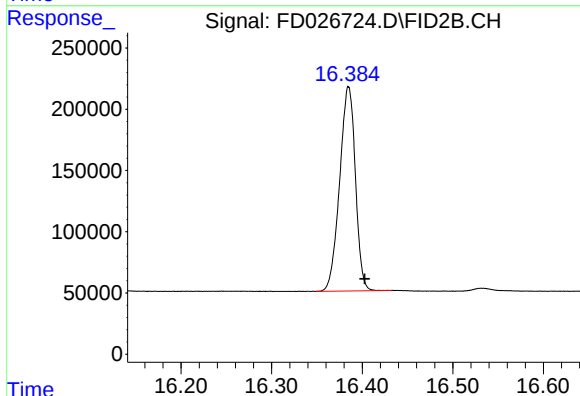
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.043 min
Delta R.T.: 0.016 min
Response: 2046835
Conc: 21.99 ug/ml



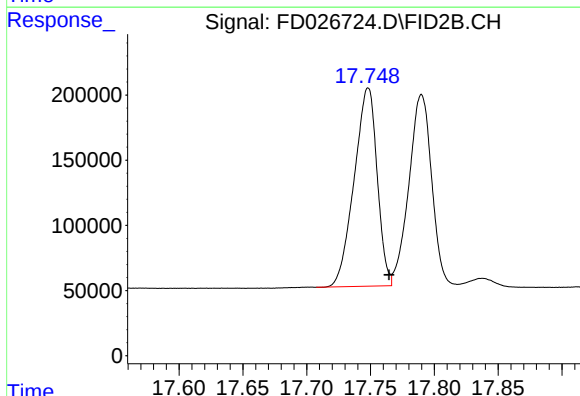
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: -0.016 min
Response: 2046835
Conc: 22.10 ug/ml



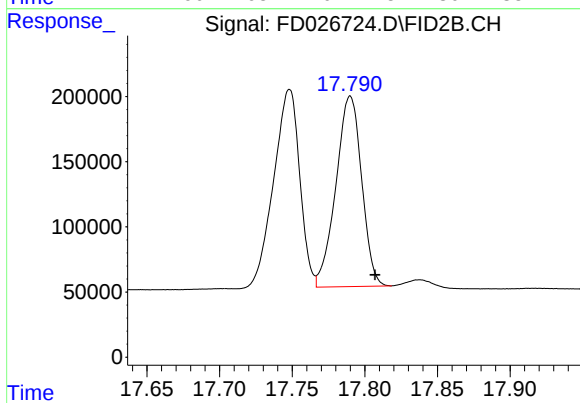
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.018 min
Response: 2015037
Conc: 21.35 ug/ml



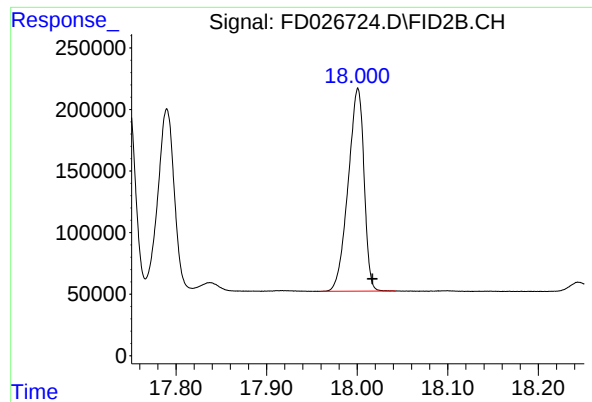
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.016 min
Response: 1907123
Conc: 19.86 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.017 min
Response: 1805047
Conc: 19.23 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.016 min
Response: 2008123
Conc: 20.43 ug/ml