

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040919AR\
 Data File : FD028773.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2019 6:28
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 09:59:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.107	1660784	17.505 ug/ml
Spiked Amount 50.000		Recovery =	35.01%
6) S 2-Fluorobiphenyl (SURR)	7.974	1139273	17.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.95%
11) S ortho-Terphenyl (SURR)	11.014	1953652	17.558 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.929	1804472	18.446 ug/ml
2) T Naphthalene (C11.7)	5.452	1904904	17.880 ug/ml
3) T 2-Methylnaphthalene (...)	6.500	1885429	17.624 ug/ml
5) T Acenaphthylene (C15.06)	7.778	1810392	17.483 ug/ml
7) T Acenaphthene (C15.5)	8.073	1895506	17.474 ug/ml
8) T Flouorene (C16.55)	8.853	1900460	17.481 ug/ml
9) T Phenanthrene (C19.36)	10.252	1934194	17.862 ug/ml
10) T Anthracene (C19.43)	10.326	1902201	17.707 ug/ml
12) T Fluoranthene (C21.85)	12.064	1994204	18.445 ug/ml
13) T Pyrene (C20.8)	12.362	2001014	18.582 ug/ml
14) T Benzo[a]anthracene (C...	14.230	1996130	19.038 ug/ml
15) T Chrysene (C27.41)	14.272	1997655	19.079 ug/ml
16) T benzo[b]fluoranthene ...	15.811	2050500	18.918 ug/ml
17) T Bnezo[k]fluoranthene ...	15.811	2050500	19.108 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.157	2050211	18.948 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.519	2073177	18.760 ug/ml
20) T Dibenz[a,h]anthracene...	17.558	2039564	18.973 ug/ml
21) T Benzo[g,h,i]perylene ...	17.776	2059164	19.001 ug/ml

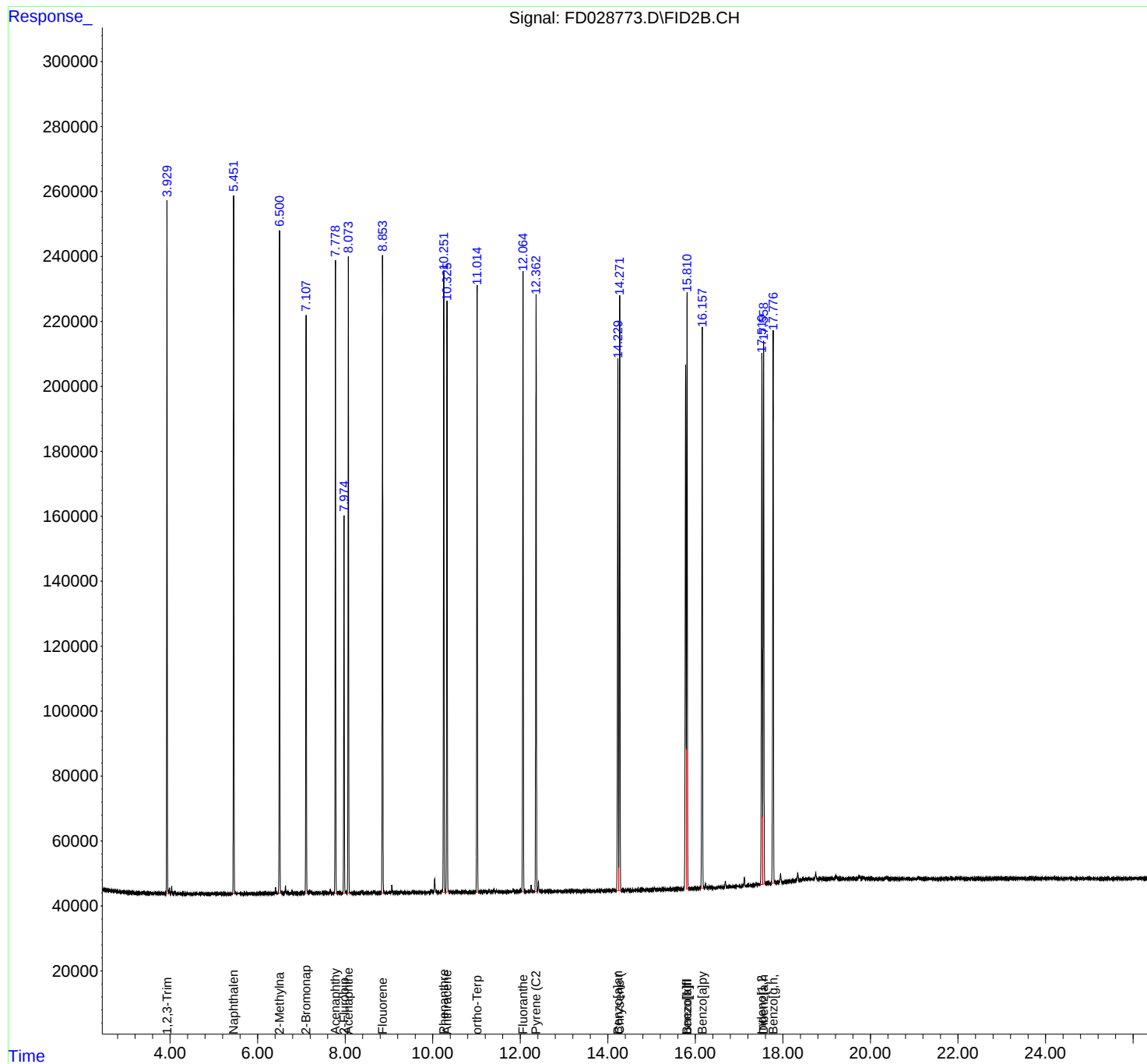
(f)=RT Delta > 1/2 Window

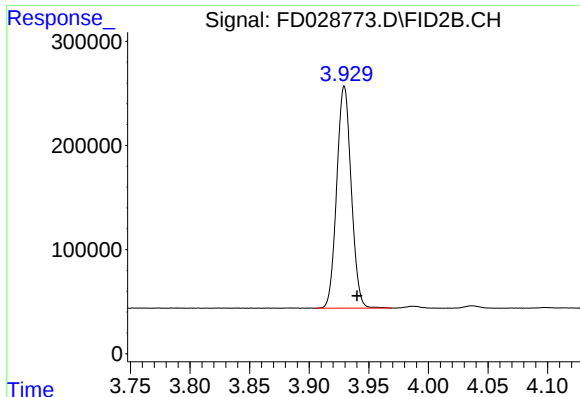
(m)=manual int.

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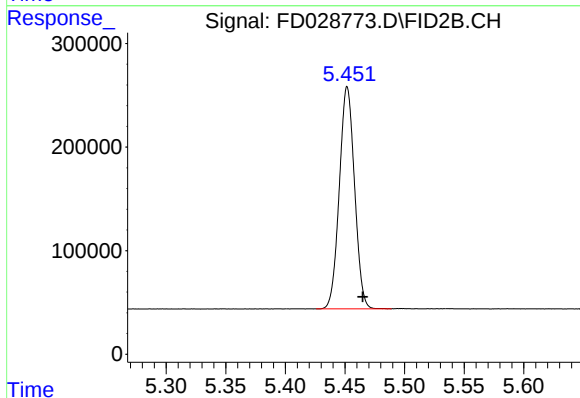
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Signal Info : 20M x 0.18mm x 0.18µm





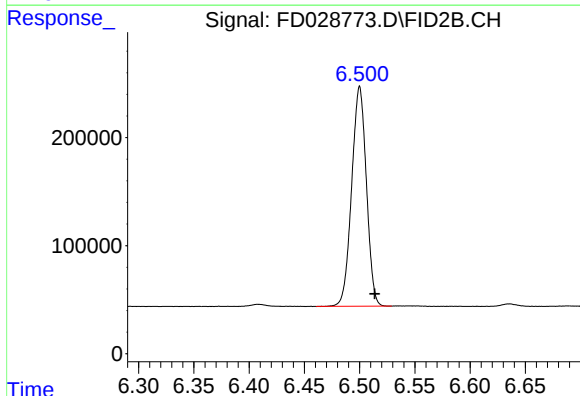
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.929 min
Delta R.T.: -0.011 min
Response: 1804472
Conc: 18.45 ug/ml



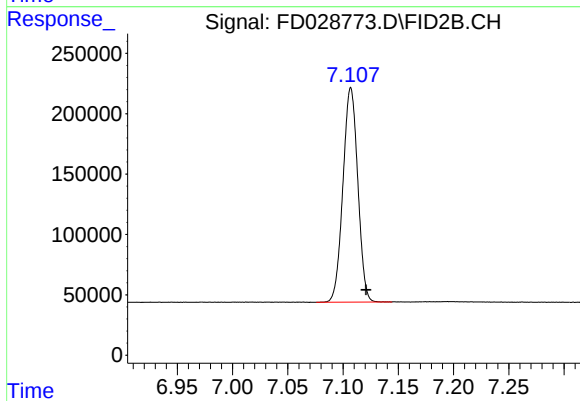
#2 Naphthalene (C11.7)

R.T.: 5.452 min
Delta R.T.: -0.013 min
Response: 1904904
Conc: 17.88 ug/ml



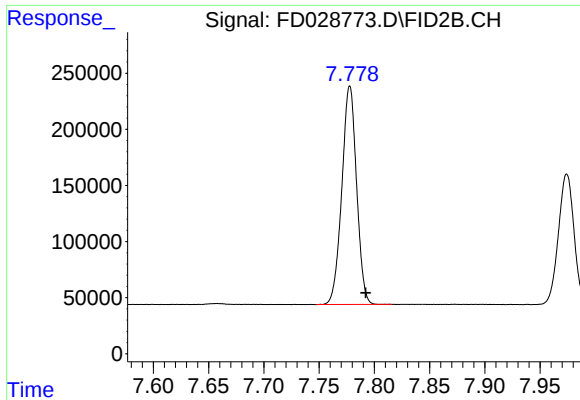
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.500 min
Delta R.T.: -0.014 min
Response: 1885429
Conc: 17.62 ug/ml



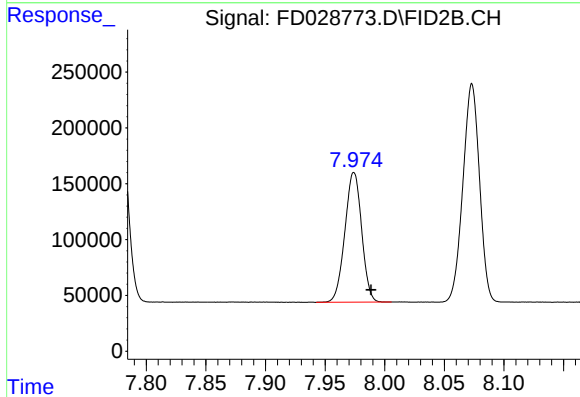
#4 2-Bromonaphthalene (SURR)

R.T.: 7.107 min
Delta R.T.: -0.014 min
Response: 1660784
Conc: 17.51 ug/ml



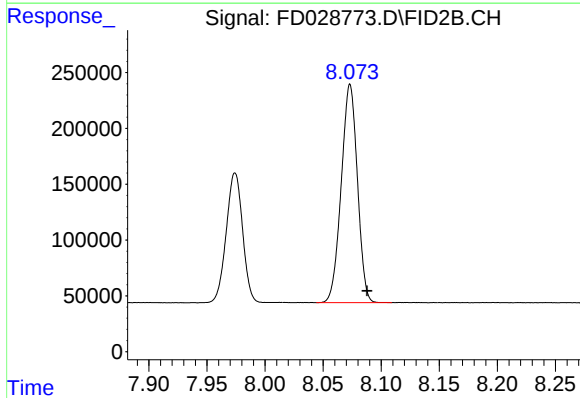
#5 Acenaphthylene (C15.06)

R.T.: 7.778 min
Delta R.T.: -0.014 min
Response: 1810392
Conc: 17.48 ug/ml



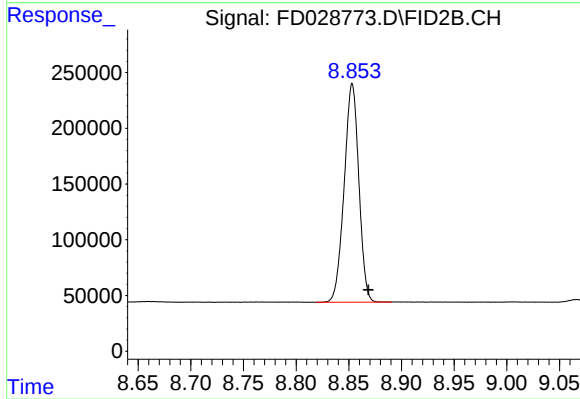
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.974 min
Delta R.T.: -0.014 min
Response: 1139273
Conc: 17.48 ug/ml



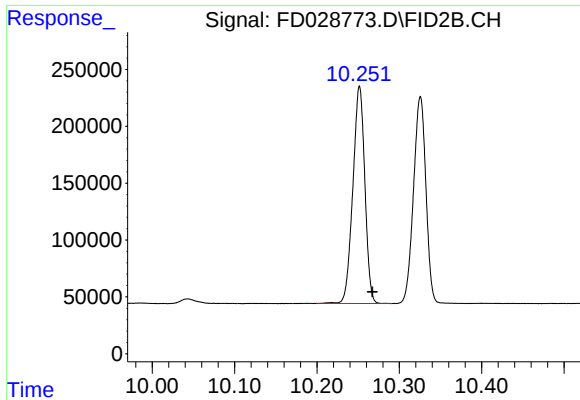
#7 Acenaphthene (C15.5)

R.T.: 8.073 min
Delta R.T.: -0.015 min
Response: 1895506
Conc: 17.47 ug/ml



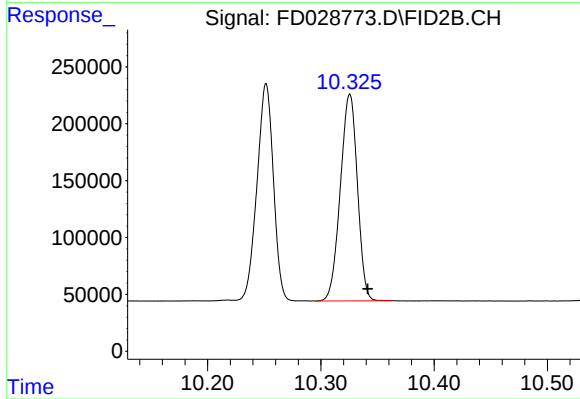
#8 Fluorene (C16.55)

R.T.: 8.853 min
Delta R.T.: -0.015 min
Response: 1900460
Conc: 17.48 ug/ml



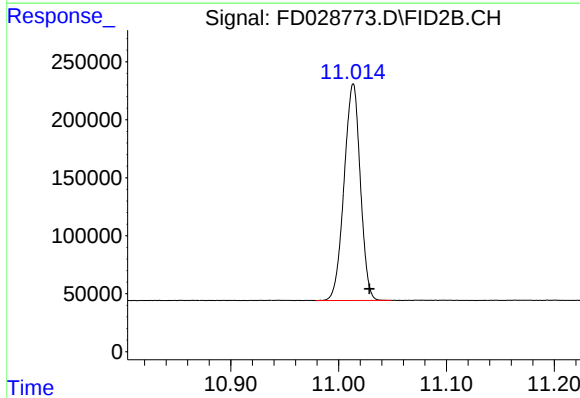
#9 Phenanthrene (C19.36)

R.T.: 10.252 min
Delta R.T.: -0.016 min
Response: 1934194
Conc: 17.86 ug/ml



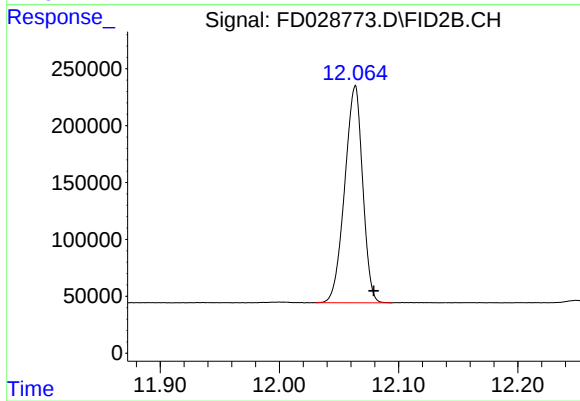
#10 Anthracene (C19.43)

R.T.: 10.326 min
Delta R.T.: -0.016 min
Response: 1902201
Conc: 17.71 ug/ml



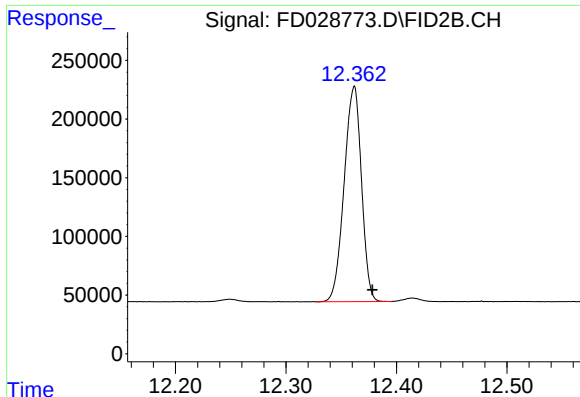
#11 ortho-Terphenyl (SURR)

R.T.: 11.014 min
Delta R.T.: -0.015 min
Response: 1953652
Conc: 17.56 ug/ml



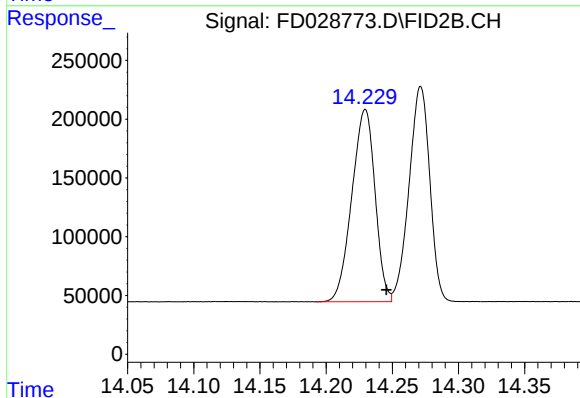
#12 Fluoranthene (C21.85)

R.T.: 12.064 min
Delta R.T.: -0.016 min
Response: 1994204
Conc: 18.45 ug/ml



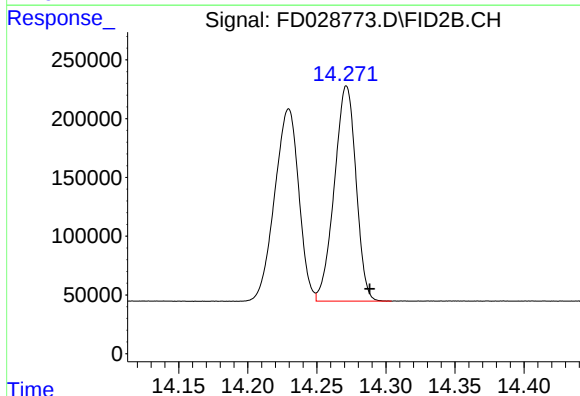
#13 Pyrene (C20.8)

R.T.: 12.362 min
Delta R.T.: -0.016 min
Response: 2001014
Conc: 18.58 ug/ml



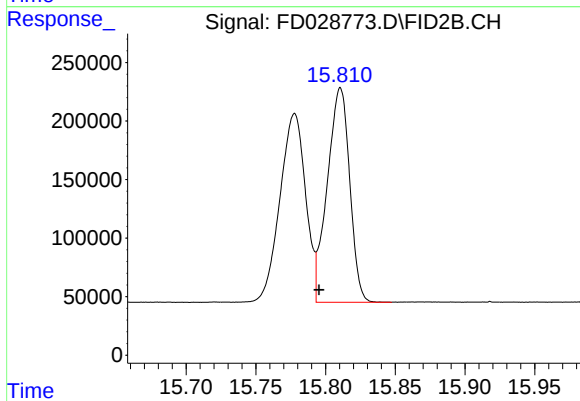
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.230 min
Delta R.T.: -0.016 min
Response: 1996130
Conc: 19.04 ug/ml



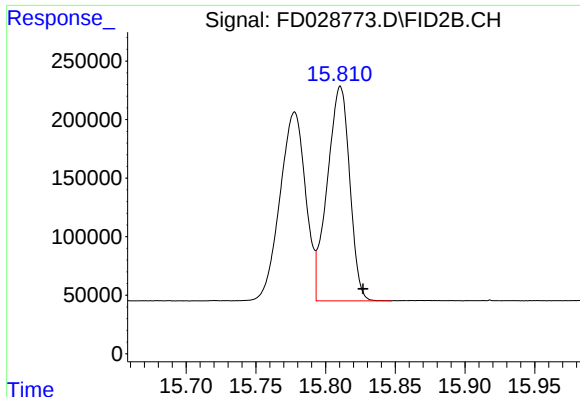
#15 Chrysene (C27.41)

R.T.: 14.272 min
Delta R.T.: -0.017 min
Response: 1997655
Conc: 19.08 ug/ml



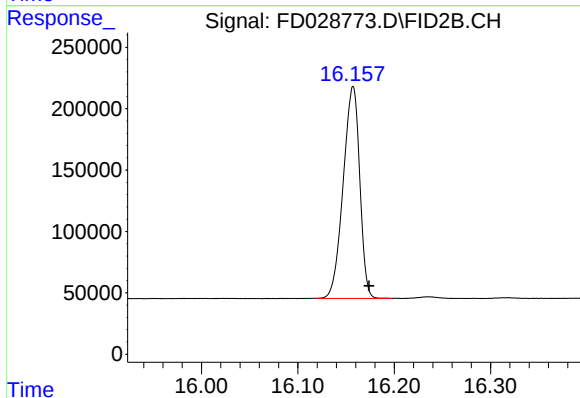
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.811 min
Delta R.T.: 0.015 min
Response: 2050500
Conc: 18.92 ug/ml



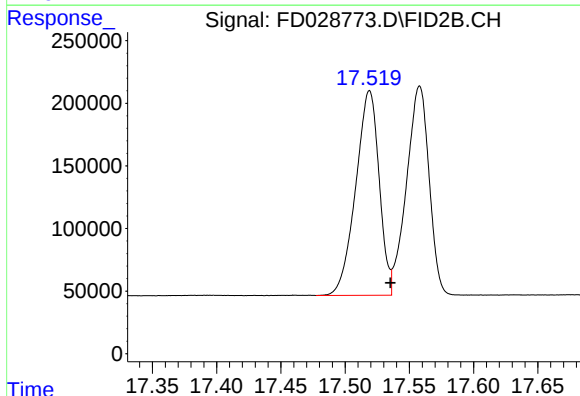
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.811 min
Delta R.T.: -0.016 min
Response: 2050500
Conc: 19.11 ug/ml



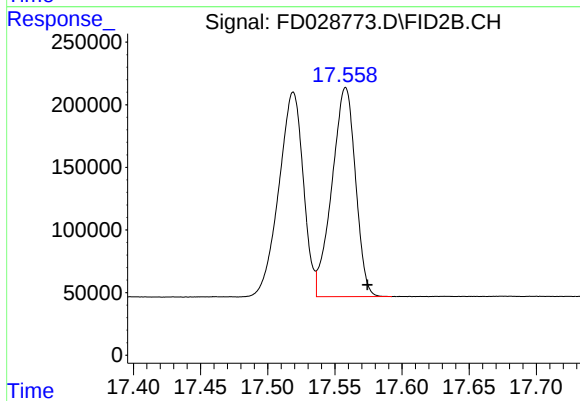
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.157 min
Delta R.T.: -0.017 min
Response: 2050211
Conc: 18.95 ug/ml



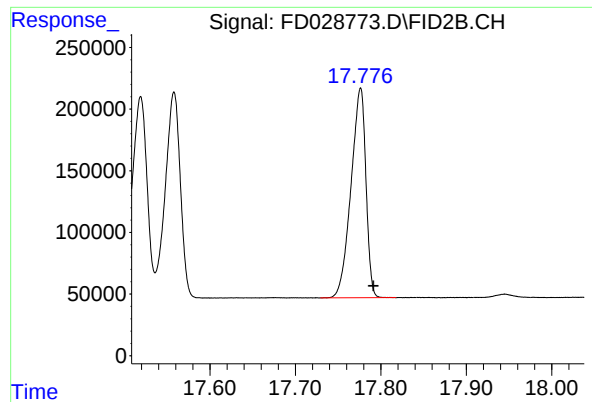
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.519 min
Delta R.T.: -0.016 min
Response: 2073177
Conc: 18.76 ug/ml



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

R.T.: 17.558 min
Delta R.T.: -0.016 min
Response: 2039564
Conc: 18.97 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.015 min
Response: 2059164
Conc: 19.00 ug/ml