

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060821AR\
 Data File : FD037818.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jun 2021 7:05
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 09 07:44:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 2021
 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...	7.547	1983745	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.409	1287371	19.048 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.10%
11) S ortho-Terphenyl (SURR)	11.447	2177237	18.277 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	2177441	20.837 ug/ml
2) T Naphthalene (C11.7)	5.886	2234568	20.024 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	2211971	19.702 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2107975	19.223 ug/ml
7) T Acenaphthene (C15.5)	8.506	2176114	19.131 ug/ml
8) T Fluorene (C16.55)	9.287	2076403	18.736 ug/ml
9) T Phenanthrene (C19.36)	10.683	2052896	18.259 ug/ml
10) T Anthracene (C19.43)	10.757	1987070	18.068 ug/ml
12) T Fluoranthene (C21.85)	12.494	2056601	17.721 ug/ml
13) T Pyrene (C20.8)	12.790	2034554	17.611 ug/ml
14) T Benzo[a]anthracene (C...	14.662	1985914	18.025 ug/ml
15) T Chrysene (C27.41)	14.704	2066026	17.934 ug/ml
16) T benzo[b]fluoranthene ...	16.214	2074356	18.341 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	2018276	18.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.592	1910501	18.240 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	1967356	18.109 ug/ml
20) T Dibenz[a,h]anthracene...	17.997	2016935	18.424 ug/ml
21) T Benzo[g,h,i]perylene ...	18.214	2004477	18.342 ug/ml

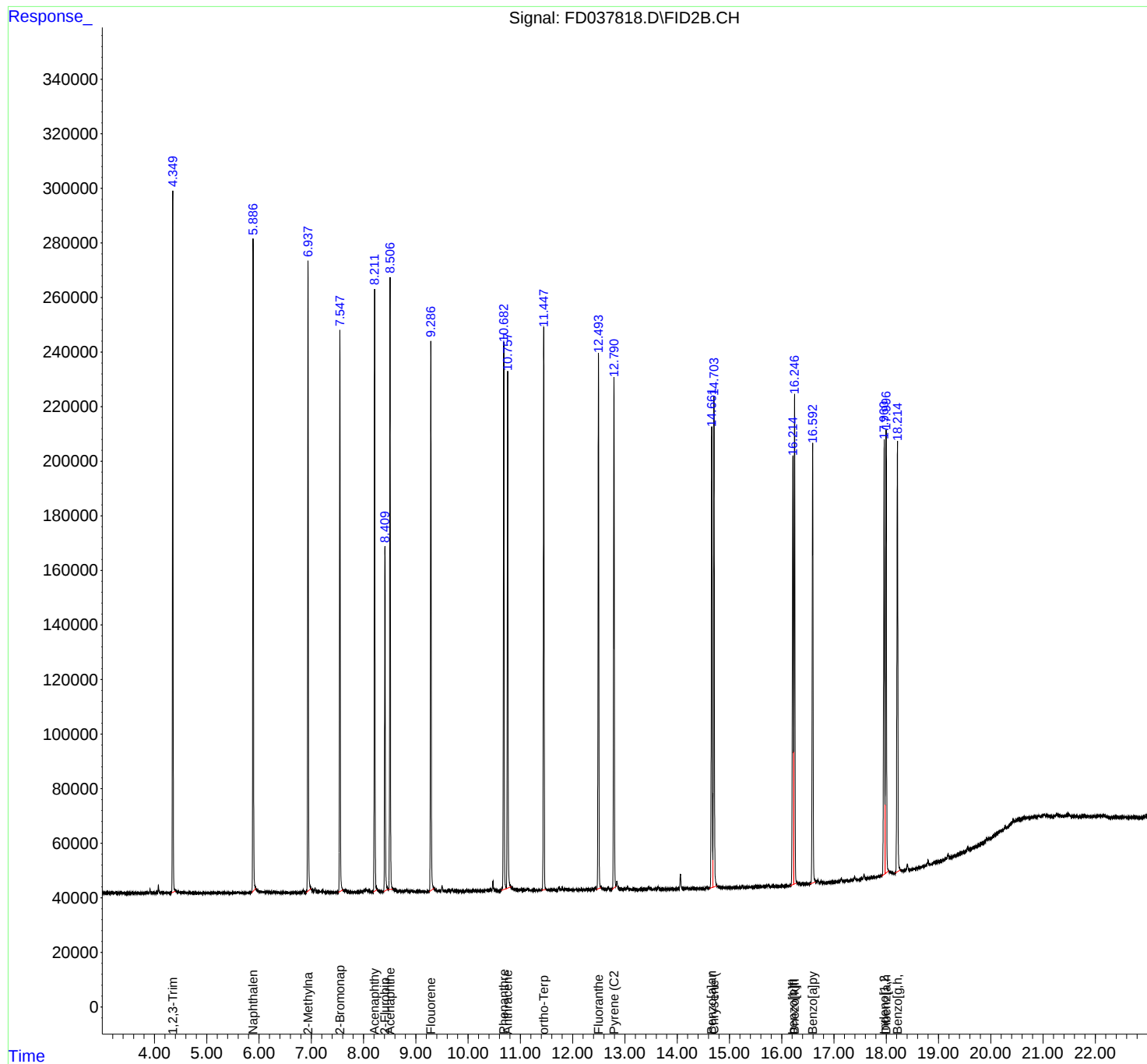
(f)=RT Delta > 1/2 Window

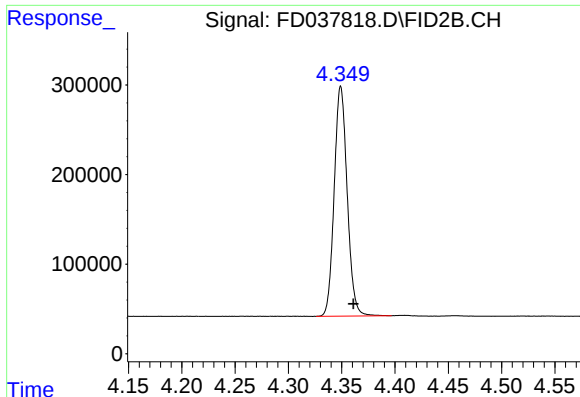
(m)=manual int.

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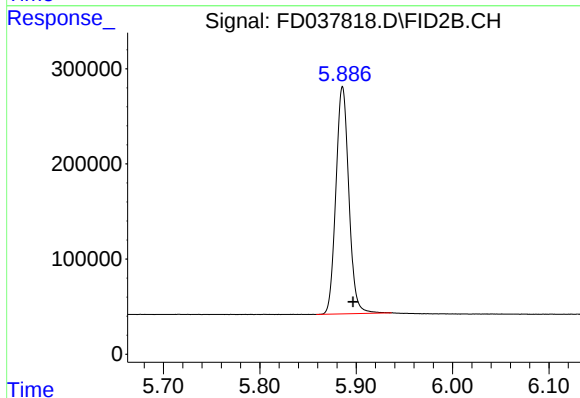
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





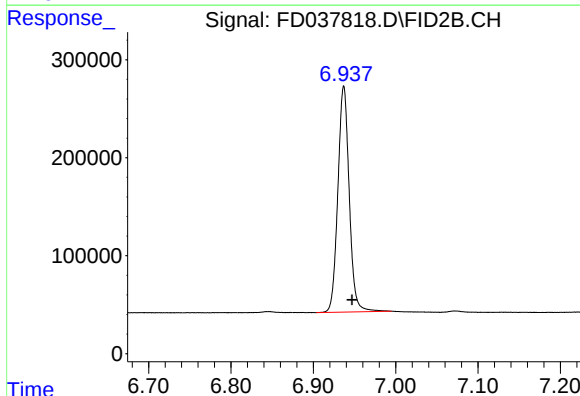
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.349 min
Delta R.T.: -0.012 min
Response: 2177441
Conc: 20.84 ug/ml



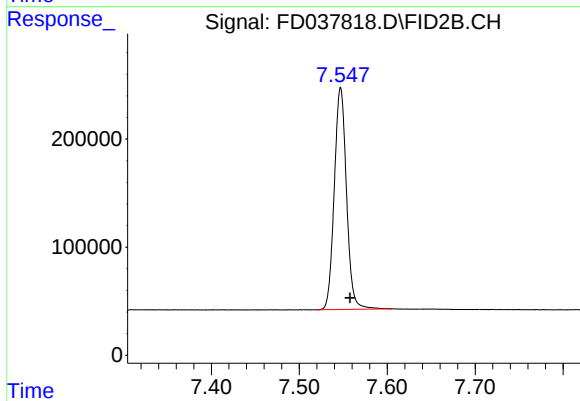
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.011 min
Response: 2234568
Conc: 20.02 ug/ml



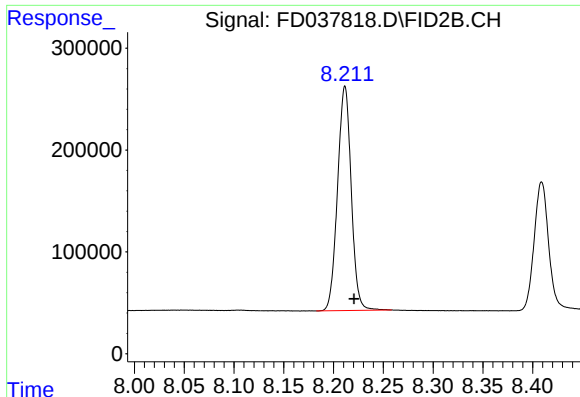
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.010 min
Response: 2211971
Conc: 19.70 ug/ml



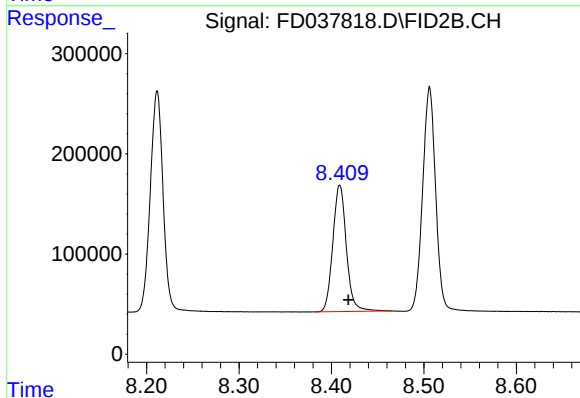
#4 2-Bromonaphthalene (SURR)

R.T.: 7.547 min
Delta R.T.: -0.011 min
Response: 1983745
Conc: 19.72 ug/ml



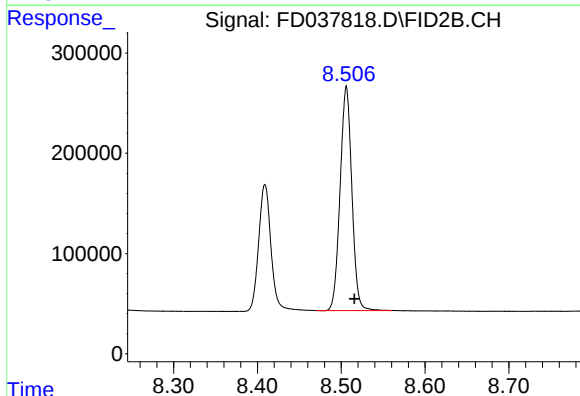
#5 Acenaphthylene (C15.06)

R.T.: 8.212 min
Delta R.T.: -0.009 min
Response: 2107975
Conc: 19.22 ug/ml



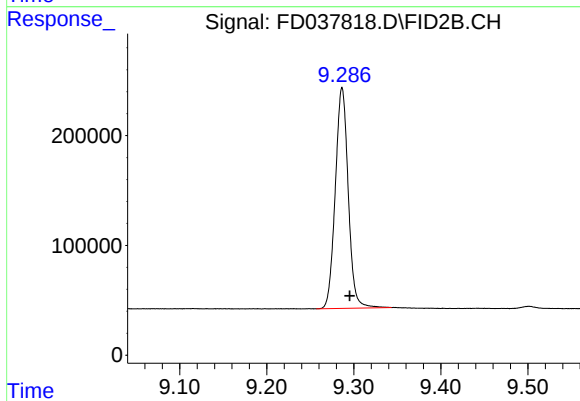
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min
Delta R.T.: -0.009 min
Response: 1287371
Conc: 19.05 ug/ml



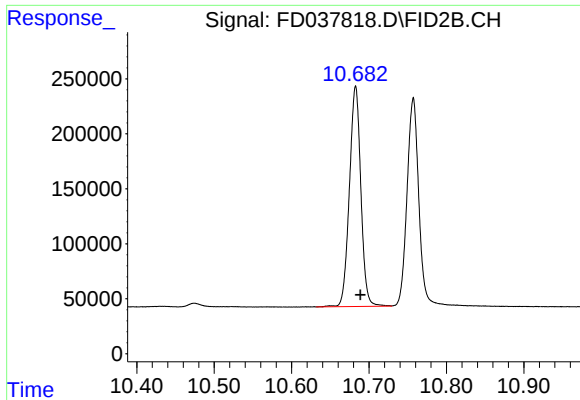
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.010 min
Response: 2176114
Conc: 19.13 ug/ml



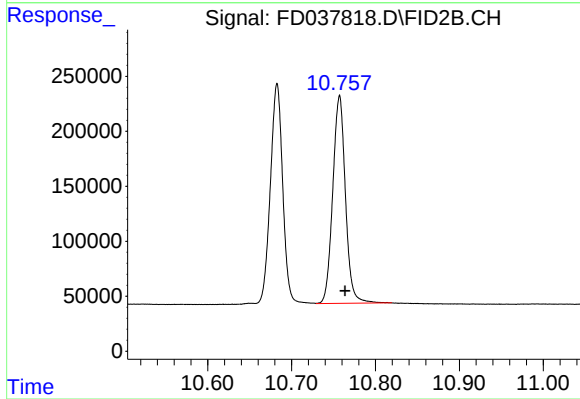
#8 Fluorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.009 min
Response: 2076403
Conc: 18.74 ug/ml



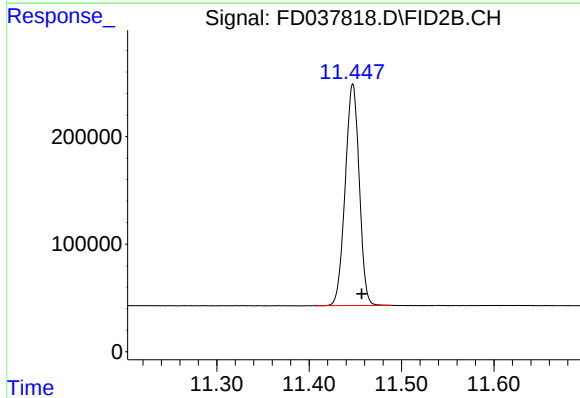
#9 Phenanthrene (C19.36)

R.T.: 10.683 min
Delta R.T.: -0.006 min
Response: 2052896
Conc: 18.26 ug/ml



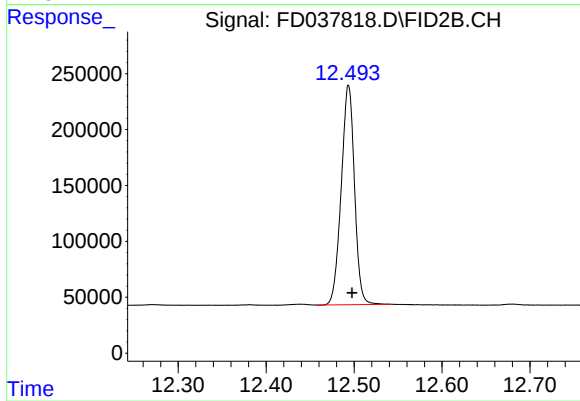
#10 Anthracene (C19.43)

R.T.: 10.757 min
Delta R.T.: -0.006 min
Response: 1987070
Conc: 18.07 ug/ml



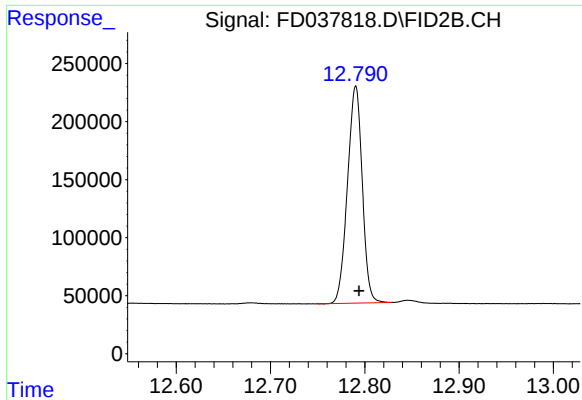
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.010 min
Response: 2177237
Conc: 18.28 ug/ml



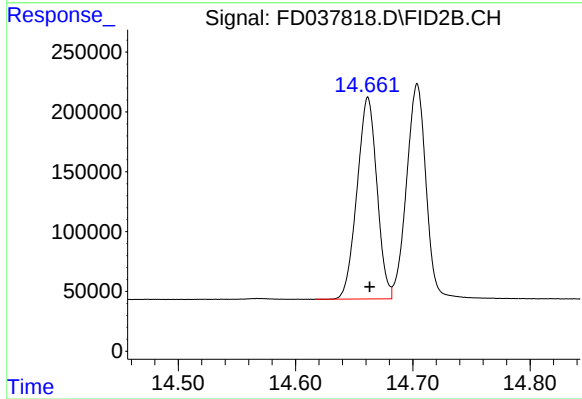
#12 Fluoranthene (C21.85)

R.T.: 12.494 min
Delta R.T.: -0.004 min
Response: 2056601
Conc: 17.72 ug/ml



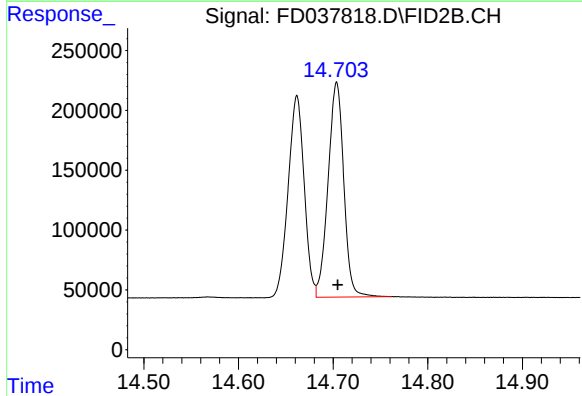
#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: -0.003 min
Response: 2034554
Conc: 17.61 ug/ml



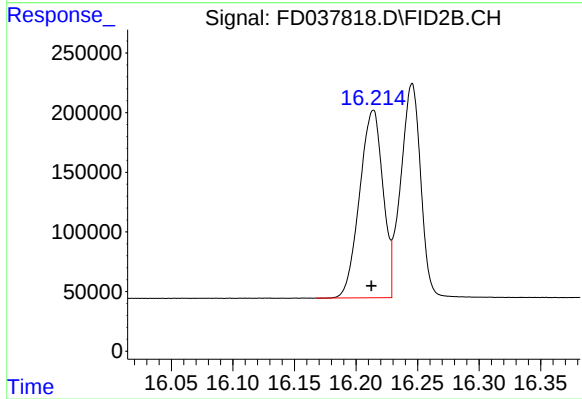
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.662 min
Delta R.T.: -0.002 min
Response: 1985914
Conc: 18.02 ug/ml



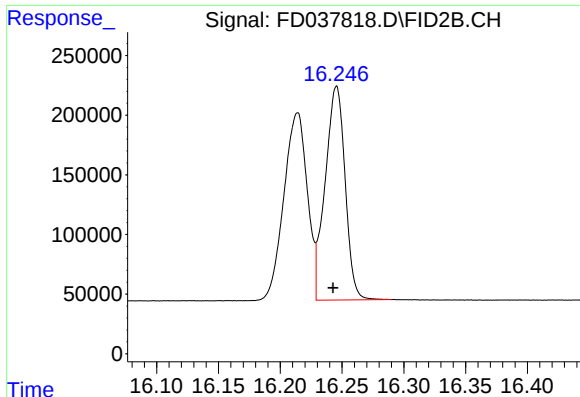
#15 Chrysene (C27.41)

R.T.: 14.704 min
Delta R.T.: -0.001 min
Response: 2066026
Conc: 17.93 ug/ml



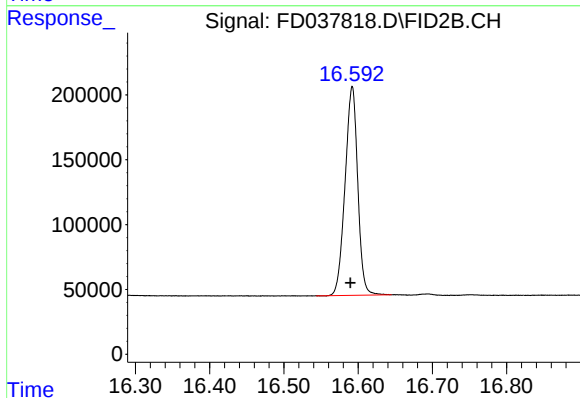
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.214 min
Delta R.T.: 0.002 min
Response: 2074356
Conc: 18.34 ug/ml



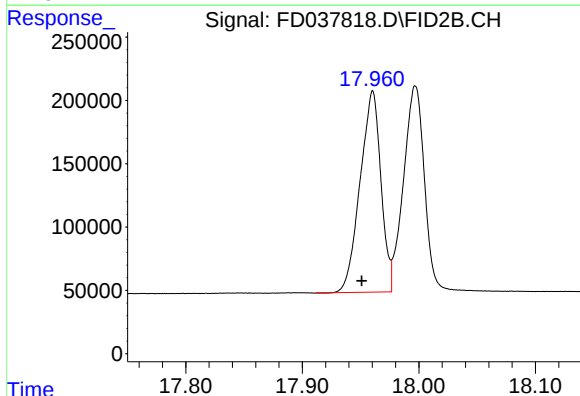
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.246 min
Delta R.T.: 0.003 min
Response: 2018276
Conc: 18.20 ug/ml



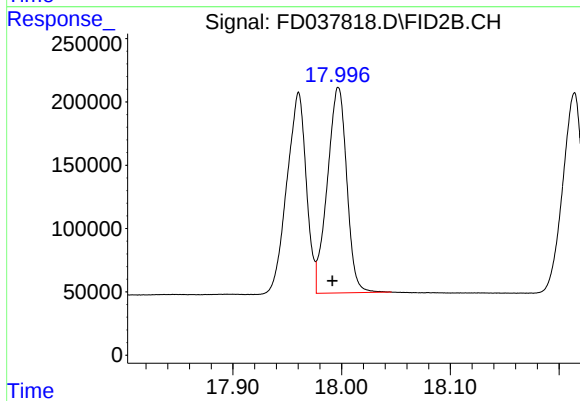
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.592 min
Delta R.T.: 0.002 min
Response: 1910501
Conc: 18.24 ug/ml



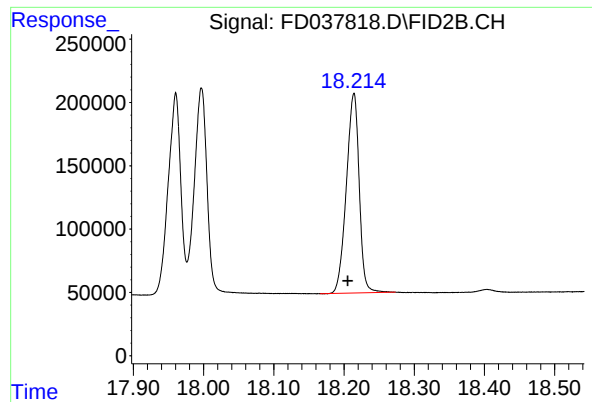
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: 0.009 min
Response: 1967356
Conc: 18.11 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.006 min
Response: 2016935
Conc: 18.42 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.009 min
Response: 2004477
Conc: 18.34 ug/ml