

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100918AR\
 Data File : FD025897.D
 Signal(s) : FID2B.CH
 Acq On : 09 Oct 2018 14:24
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 10 05:21:21 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...	7.424	1356505	17.376 ug/ml
Spiked Amount 50.000		Recovery =	34.75%
6) S 2-Fluorobiphenyl (SURR)	8.275	988937	17.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.90%
11) S ortho-Terphenyl (SURR)	11.318	1590434	18.491 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	1441519	17.019 ug/ml
2) T Naphthalene (C11.7)	5.759	1571165	17.154 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	1549263	17.352 ug/ml
5) T Acenaphthylene (C15.06)	8.080	1548247	17.791 ug/ml
7) T Acenaphthene (C15.5)	8.374	1616813	17.793 ug/ml
8) T Fluorene (C16.55)	9.153	1633578	18.181 ug/ml
9) T Phenanthrene (C19.36)	10.543	1724703	18.521 ug/ml
10) T Anthracene (C19.43)	10.617	1702697	18.595 ug/ml
12) T Fluoranthene (C21.85)	12.348	1860435	18.982 ug/ml
13) T Pyrene (C20.8)	12.643	1886566	18.945 ug/ml
14) T Benzo[a]anthracene (C...	14.513	1843077	19.069 ug/ml
15) T Chrysene (C27.41)	14.554	1860698	19.133 ug/ml
16) T benzo[b]fluoranthene ...	16.057	1875270	19.087 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	1875955	19.241 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	1851192	18.951 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	1715812	18.099 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	1710097	18.469 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	1773395	18.433 ug/ml

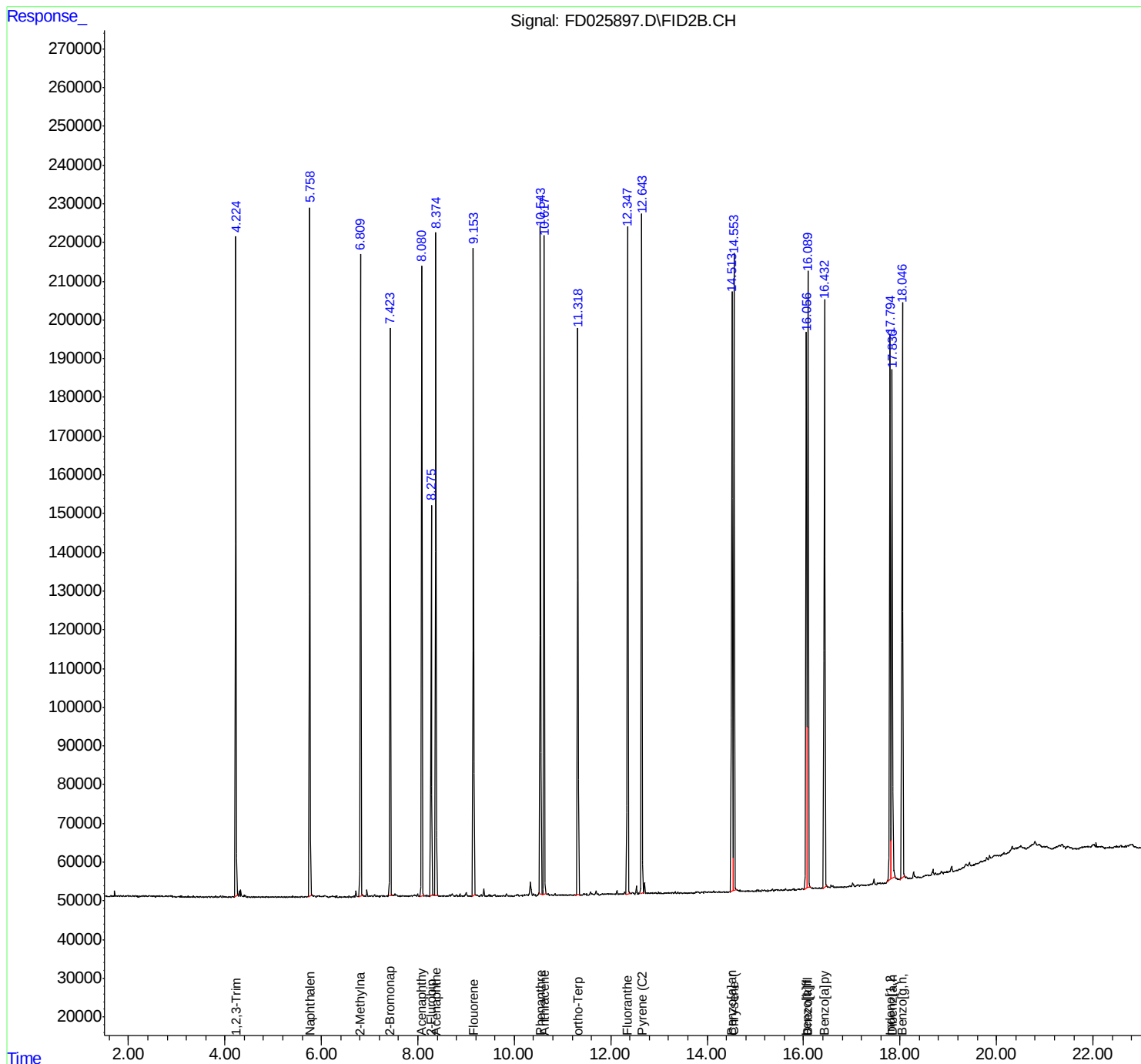
(f)=RT Delta > 1/2 Window

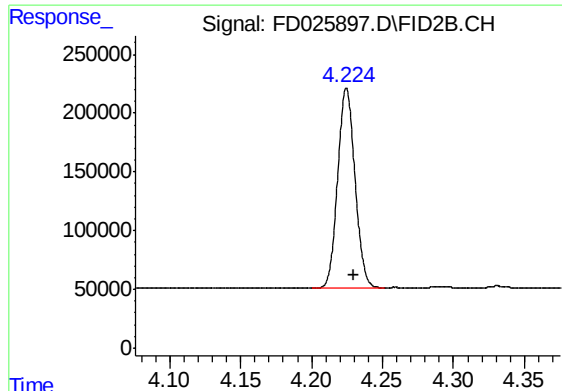
(m)=manual int.

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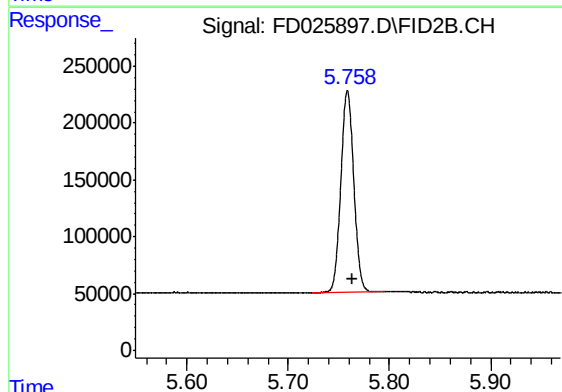
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Signal Info : 20M x 0.18mm x 0.18µm





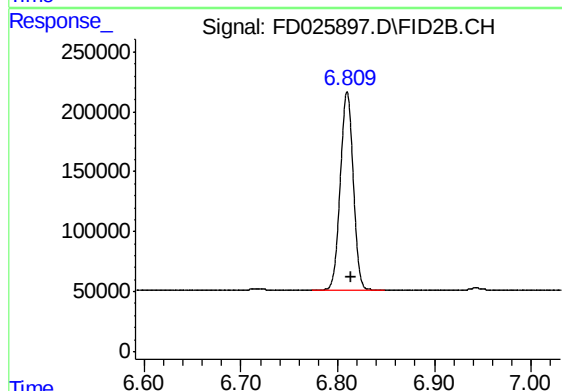
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 1441519
Conc: 17.02 ug/ml



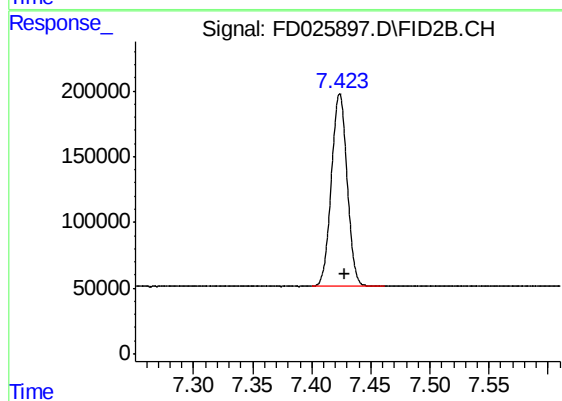
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.005 min
Response: 1571165
Conc: 17.15 ug/ml



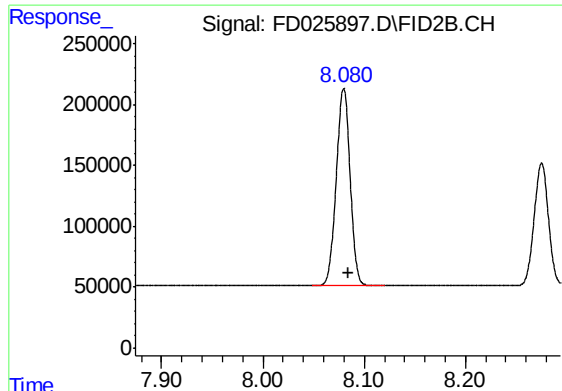
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 1549263
Conc: 17.35 ug/ml



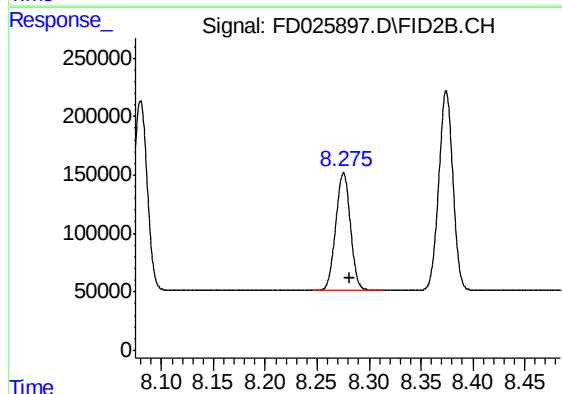
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min
Delta R.T.: -0.004 min
Response: 1356505
Conc: 17.38 ug/ml



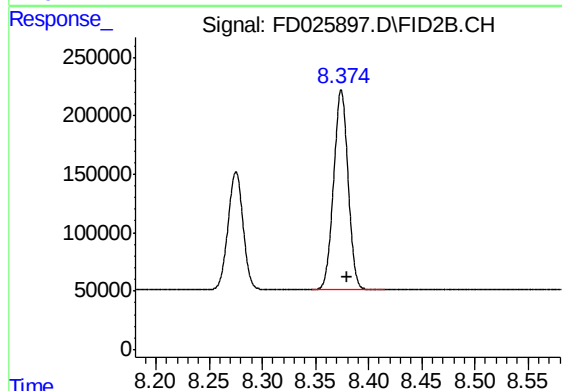
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.005 min
Response: 1548247
Conc: 17.79 ug/ml



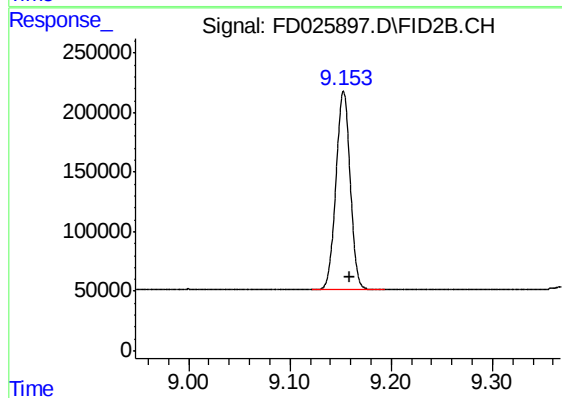
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.005 min
Response: 988937
Conc: 17.95 ug/ml



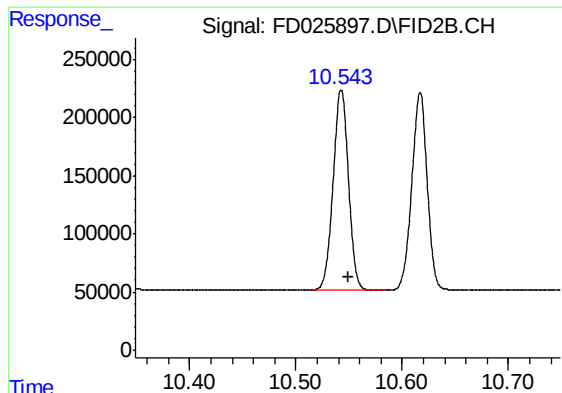
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.006 min
Response: 1616813
Conc: 17.79 ug/ml



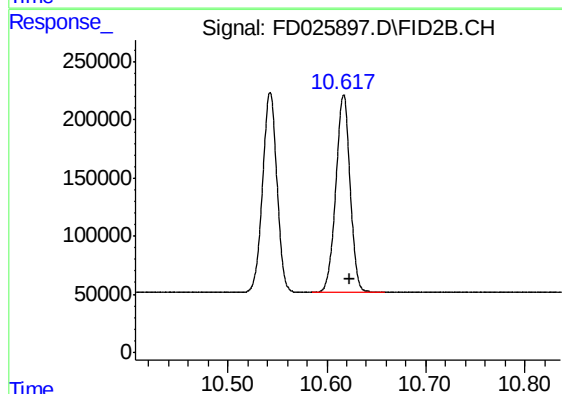
#8 Flouorene (C16.55)

R.T.: 9.153 min
Delta R.T.: -0.006 min
Response: 1633578
Conc: 18.18 ug/ml



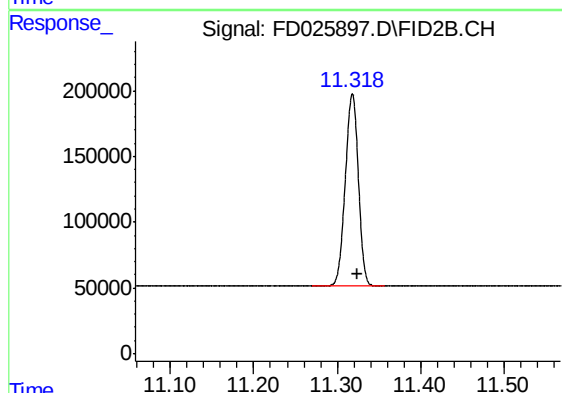
#9 Phenanthrene (C19.36)

R.T.: 10.543 min
Delta R.T.: -0.007 min
Response: 1724703
Conc: 18.52 ug/ml



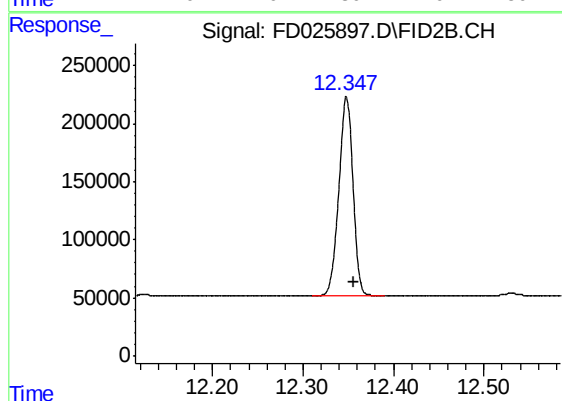
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.006 min
Response: 1702697
Conc: 18.60 ug/ml



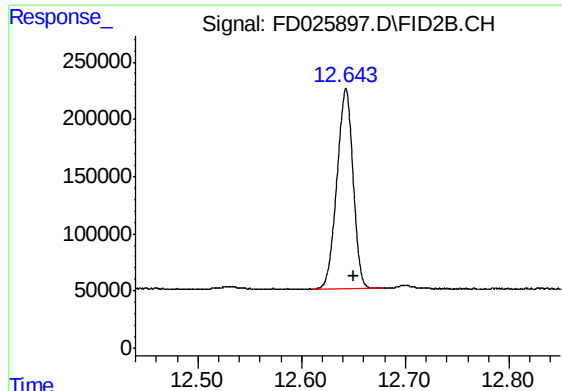
#11 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 1590434
Conc: 18.49 ug/ml



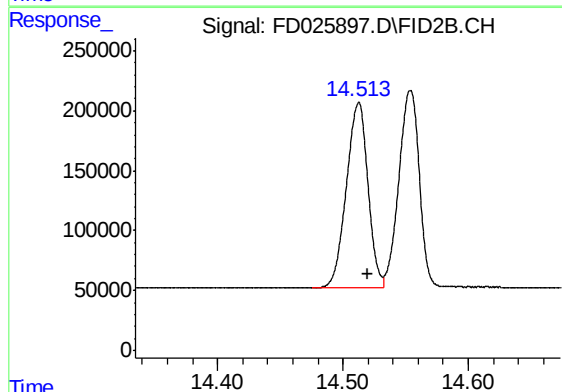
#12 Fluoranthene (C21.85)

R.T.: 12.348 min
Delta R.T.: -0.007 min
Response: 1860435
Conc: 18.98 ug/ml



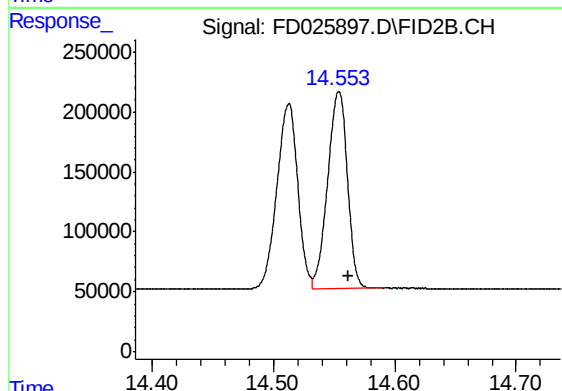
#13 Pyrene (C20.8)

R.T.: 12.643 min
Delta R.T.: -0.008 min
Response: 1886566
Conc: 18.94 ug/ml



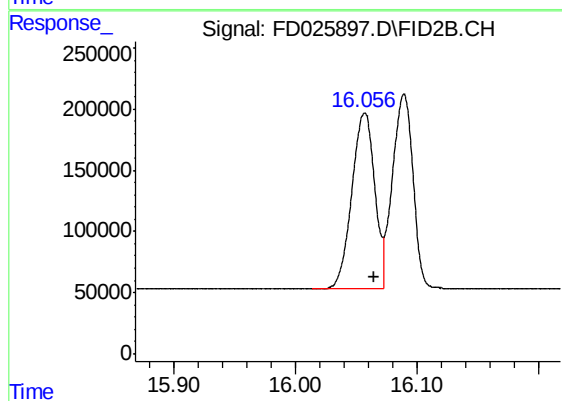
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.513 min
Delta R.T.: -0.007 min
Response: 1843077
Conc: 19.07 ug/ml



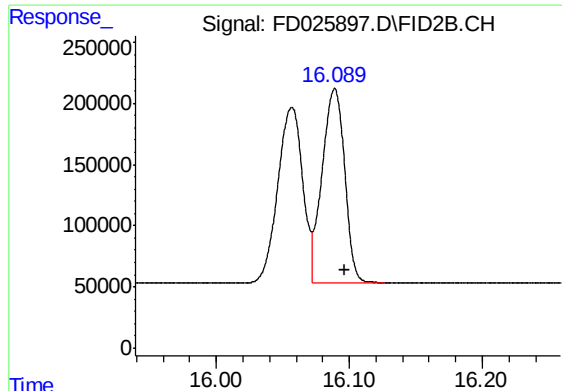
#15 Chrysene (C27.41)

R.T.: 14.554 min
Delta R.T.: -0.008 min
Response: 1860698
Conc: 19.13 ug/ml



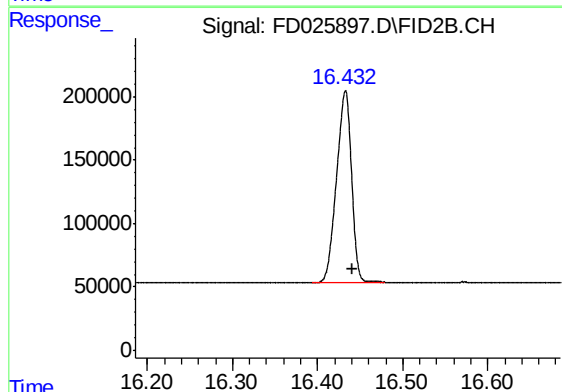
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.057 min
Delta R.T.: -0.008 min
Response: 1875270
Conc: 19.09 ug/ml



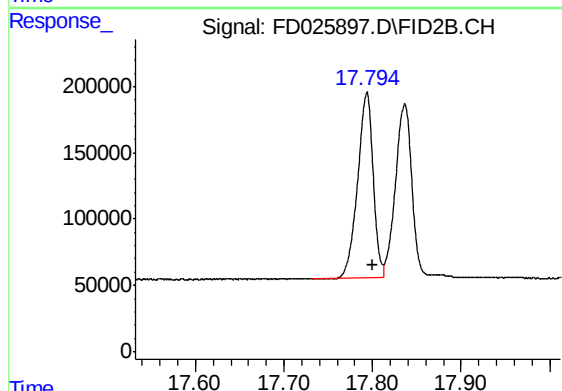
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.089 min
Delta R.T.: -0.008 min
Response: 1875955
Conc: 19.24 ug/ml



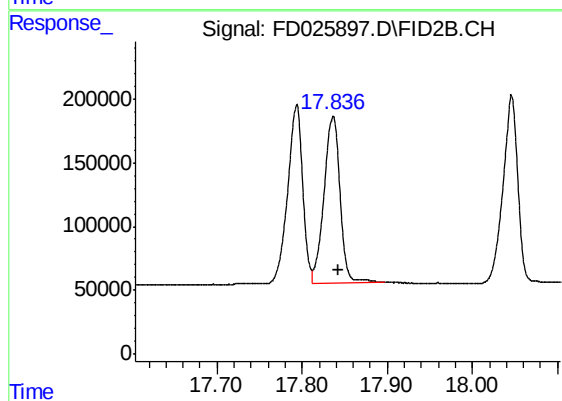
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.008 min
Response: 1851192
Conc: 18.95 ug/ml



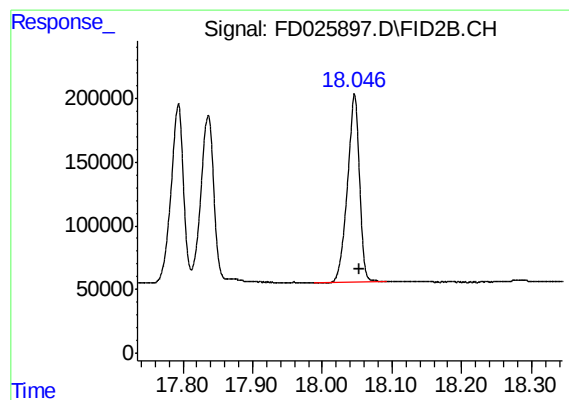
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.007 min
Response: 1715812
Conc: 18.10 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.006 min
Response: 1710097
Conc: 18.47 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 1773395
Conc: 18.43 ug/ml