

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081419AR\
 Data File : FD030078.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2019 10:20
 Operator : DD\AJ
 Sample : K4294-10MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 13:58:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:48:54 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...	7.670	8444113	54.906 ug/ml
Spiked Amount 50.000		Recovery =	109.81%
6) S 2-Fluorobiphenyl (SURR)	8.533	4463592	42.718 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.44%
11) S ortho-Terphenyl (SURR)	11.570	7508113	45.476 ug/ml
Spiked Amount 50.000		Recovery =	90.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.470	9071244	54.833 ug/ml
2) T Naphthalene (C11.7)	6.011	11248441	64.484 ug/ml
3) T 2-Methylnaphthalene (...)	7.064	12234784	71.204 ug/ml
5) T Acenaphthylene (C15.06)	8.342	12610404	76.066 ug/ml
7) T Acenaphthene (C15.5)	8.639	12991764	75.796 ug/ml
8) T Fluorene (C16.55)	9.419	13152112	77.412 ug/ml
9) T Phenanthrene (C19.36)	10.815	13254726	78.650 ug/ml
10) T Anthracene (C19.43)	10.892	12967332	79.175 ug/ml
12) T Fluoranthene (C21.85)	12.625	12804537	77.030 ug/ml
13) T Pyrene (C20.8)	12.924	12389126	74.998 ug/ml
14) T Benzo[a]anthracene (C...	14.787	10998820	72.307 ug/ml
15) T Chrysene (C27.41)	14.837	11754871	77.005 ug/ml
16) T benzo[b]fluoranthene ...	16.338	10908322	76.129 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	10908322	76.651 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.718	10011249	72.253 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.084	11150874	88.942 ug/ml
20) T Dibenz[a,h]anthracene...	18.084	11150874	90.284 ug/ml
21) T Benzo[g,h,i]perylene ...	18.346	10574648	86.960 ug/ml

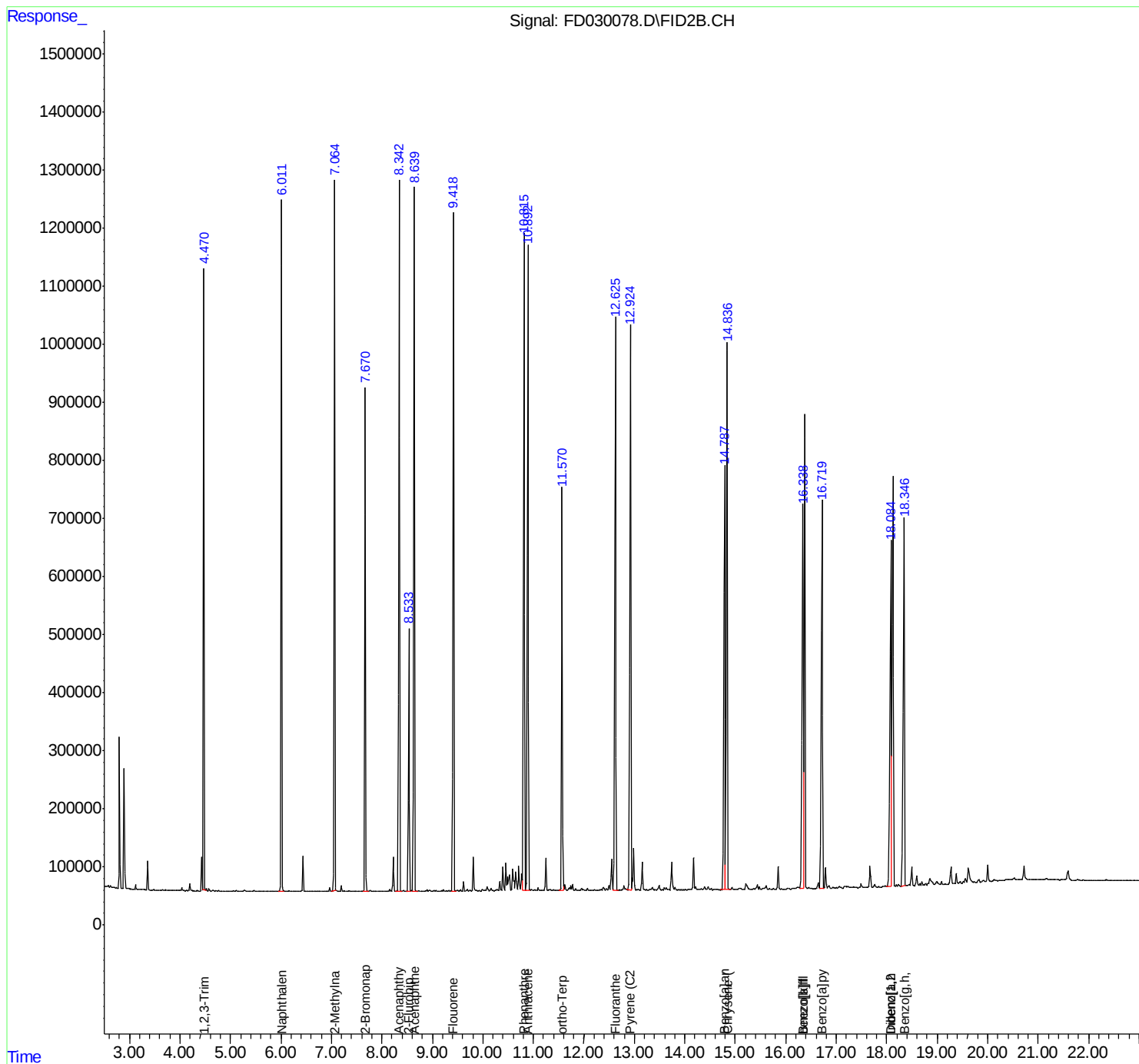
(f)=RT Delta > 1/2 Window

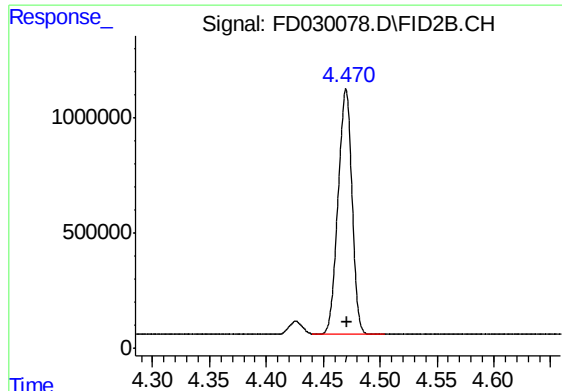
(m)=manual int.

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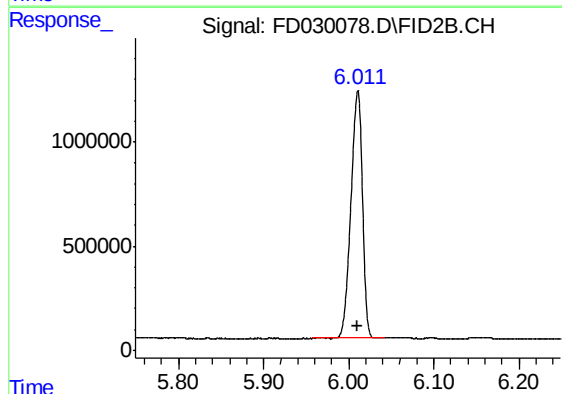
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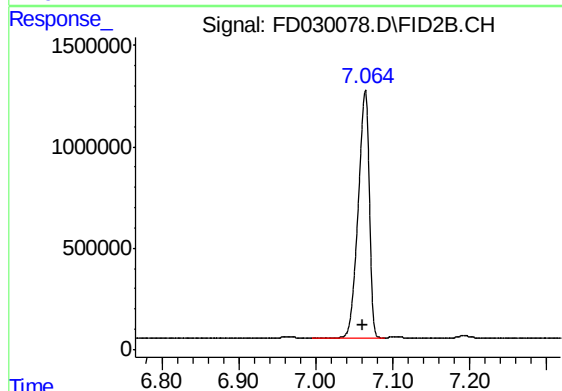
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 9071244
Conc: 54.83 ug/ml



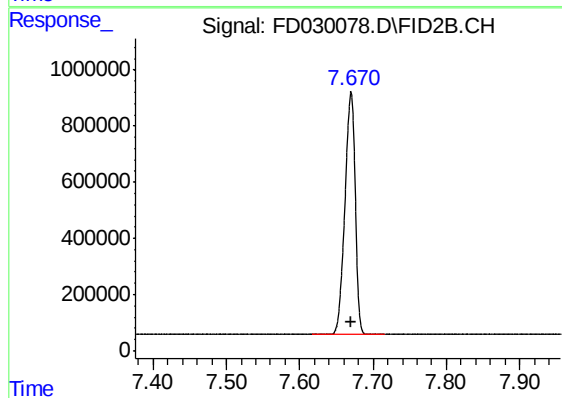
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 11248441
Conc: 64.48 ug/ml



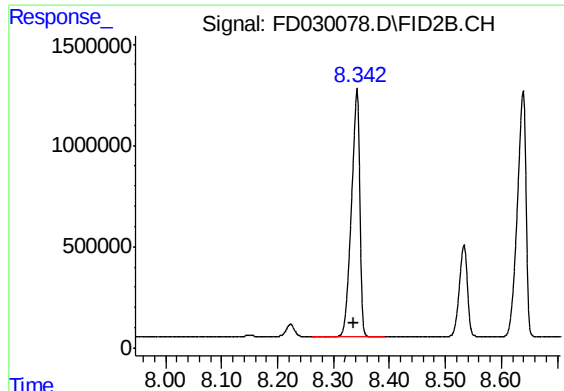
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: 0.003 min
Response: 12234784
Conc: 71.20 ug/ml



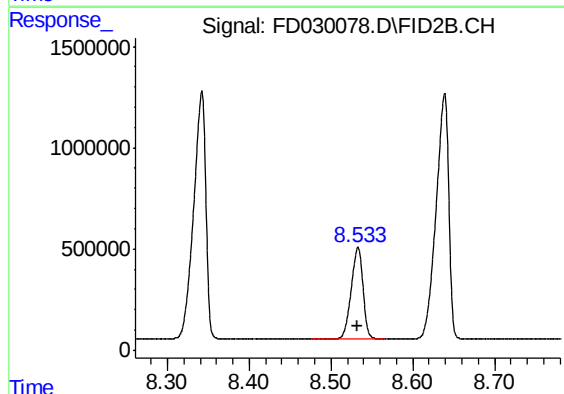
#4 2-Bromonaphthalene (SURR)

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 8444113
Conc: 54.91 ug/ml



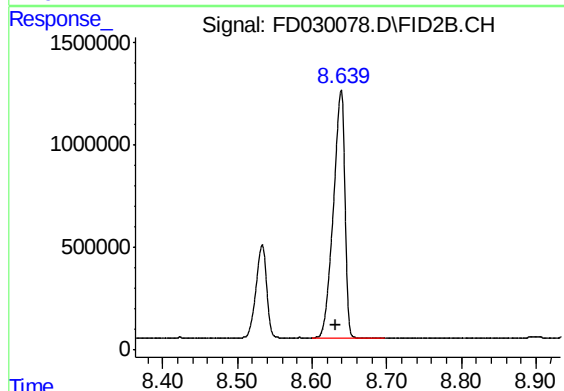
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: 0.005 min
Response: 12610404
Conc: 76.07 ug/ml



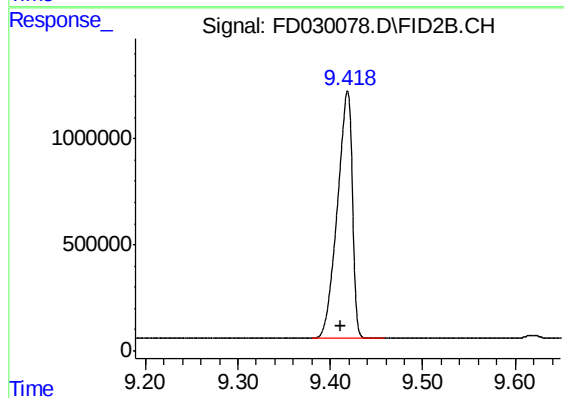
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 4463592
Conc: 42.72 ug/ml



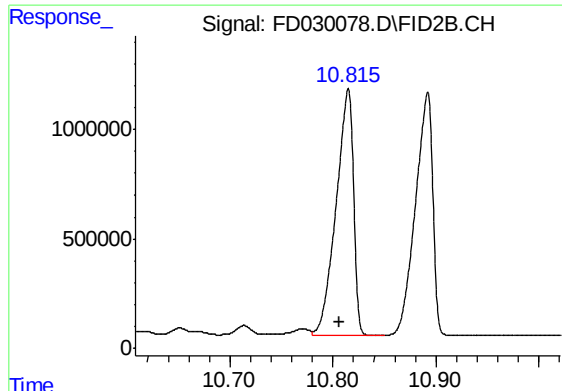
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.006 min
Response: 12991764
Conc: 75.80 ug/ml



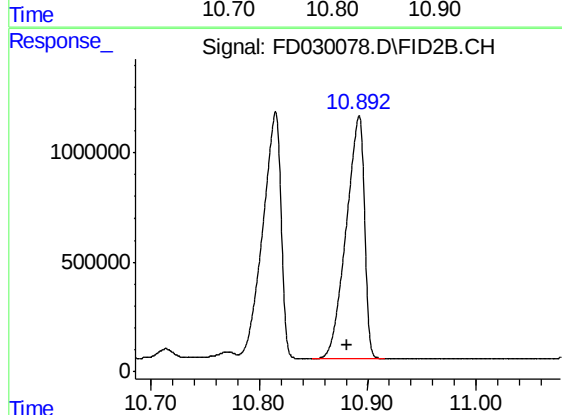
#8 Fluorene (C16.55)

R.T.: 9.419 min
Delta R.T.: 0.007 min
Response: 13152112
Conc: 77.41 ug/ml



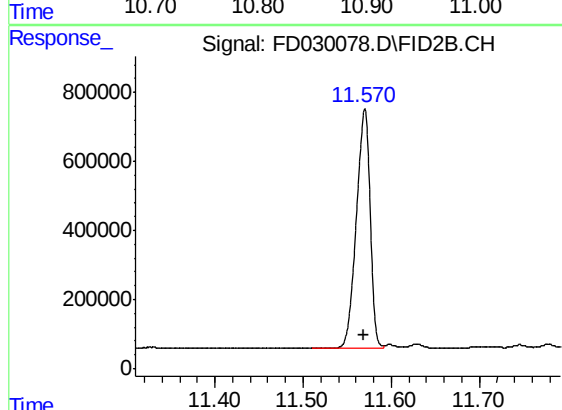
#9 Phenanthrene (C19.36)

R.T.: 10.815 min
Delta R.T.: 0.009 min
Response: 13254726
Conc: 78.65 ug/ml



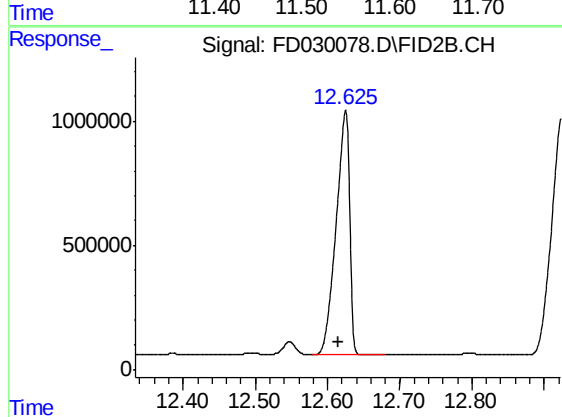
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: 0.011 min
Response: 12967332
Conc: 79.17 ug/ml



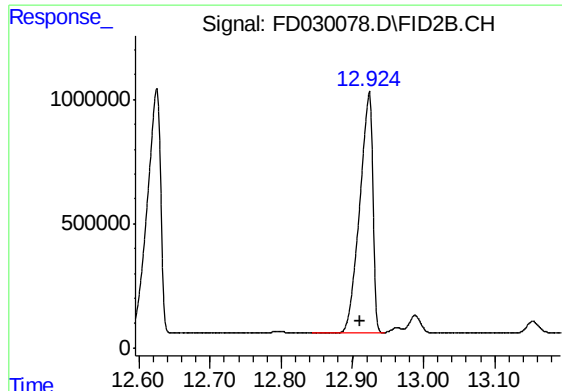
#11 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.001 min
Response: 7508113
Conc: 45.48 ug/ml



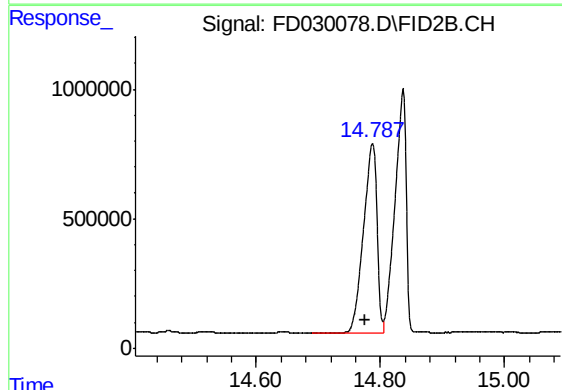
#12 Fluoranthene (C21.85)

R.T.: 12.625 min
Delta R.T.: 0.011 min
Response: 12804537
Conc: 77.03 ug/ml



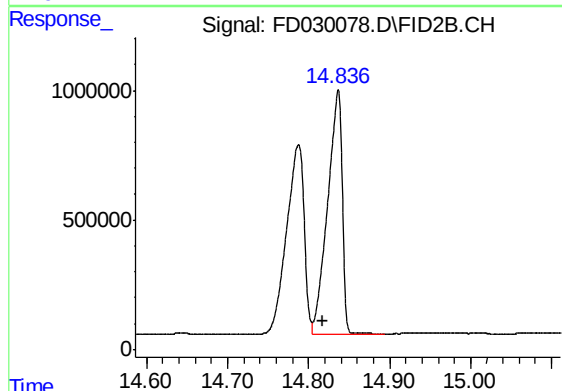
#13 Pyrene (C20.8)

R.T.: 12.924 min
Delta R.T.: 0.013 min
Response: 12389126
Conc: 75.00 ug/ml



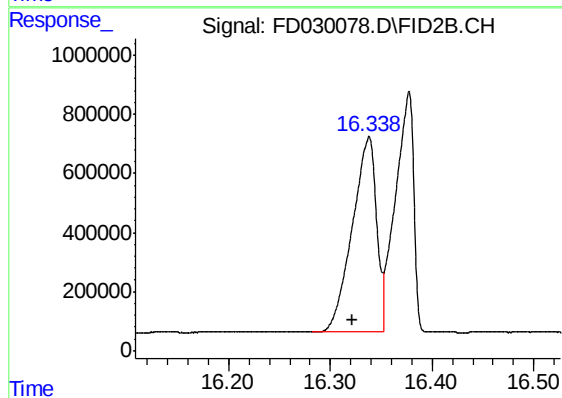
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.012 min
Response: 10998820
Conc: 72.31 ug/ml



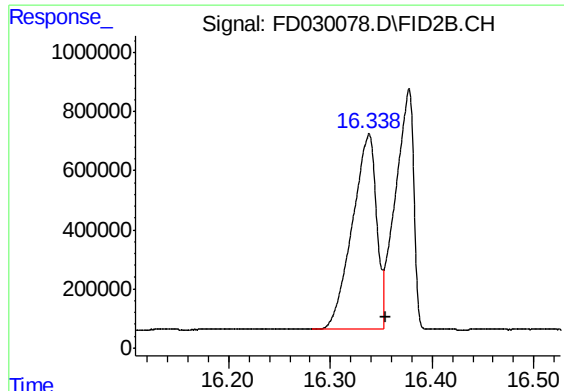
#15 Chrysene (C27.41)

R.T.: 14.837 min
Delta R.T.: 0.018 min
Response: 11754871
Conc: 77.00 ug/ml



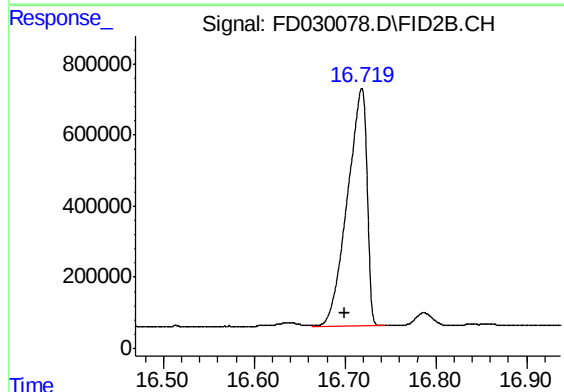
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.338 min
Delta R.T.: 0.017 min
Response: 10908322
Conc: 76.13 ug/ml



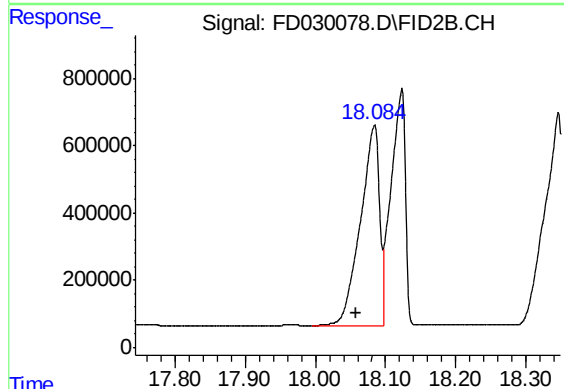
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.016 min
Response: 10908322
Conc: 76.65 ug/ml



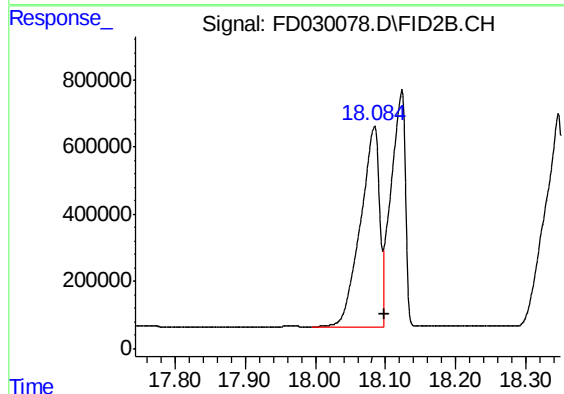
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.718 min
Delta R.T.: 0.019 min
Response: 10011249
Conc: 72.25 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.025 min
Response: 11150874
Conc: 88.94 ug/ml



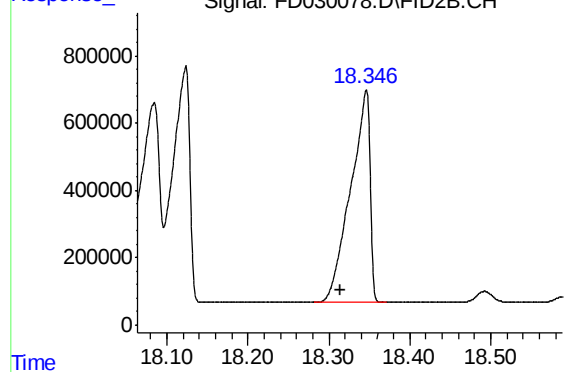
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.084 min
Delta R.T.: -0.014 min
Response: 11150874
Conc: 90.28 ug/ml

Response_

Signal: FD030078.D\FID2B.CH

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



R.T.: 18.346 min
Delta R.T.: 0.031 min
Response: 10574648
Conc: 86.96 ug/ml