

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092520AR\
 Data File : FD034885.D
 Signal(s) : FID2B.CH
 Acq On : 25 Sep 2020 10:27
 Operator : DD\AJ
 Sample : L3872-09DL 2X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 01:03:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.679	3135912	30.574 ug/ml
Spiked Amount 50.000		Recovery =	61.15%
6) S 2-Fluorobiphenyl (SURR)	8.545	2147232	29.843 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.69%
11) S ortho-Terphenyl (SURR)	11.620	354150	2.956 ug/ml
Spiked Amount 50.000		Recovery =	5.91%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.348	201599	1.725 ug/ml
7) T Acenaphthene (C15.5)	8.642	162558	1.366 ug/ml
8) T Fluorene (C16.55)	9.424	190494	1.652 ug/ml
9) T Phenanthrene (C19.36)	10.821	1959941	16.809 ug/ml
10) T Anthracene (C19.43)	10.896	591372	5.191 ug/ml
12) T Fluoranthene (C21.85)	12.641	5769376	49.475 ug/ml
13) T Pyrene (C20.8)	12.938	4681021	41.247 ug/ml
14) T Benzo[a]anthracene (C...	14.806	3089130	27.990 ug/ml
15) T Chrysene (C27.41)	14.849	2957948	26.482 ug/ml
16) T benzo[b]fluoranthene ...	16.388	1327301	12.392 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	1327301	12.518 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2952611	28.038 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.138	519464	5.128 ug/ml
20) T Dibenz[a,h]anthracene...	18.138	519464	5.113 ug/ml
21) T Benzo[g,h,i]perylene ...	18.356	1638219	16.224 ug/ml

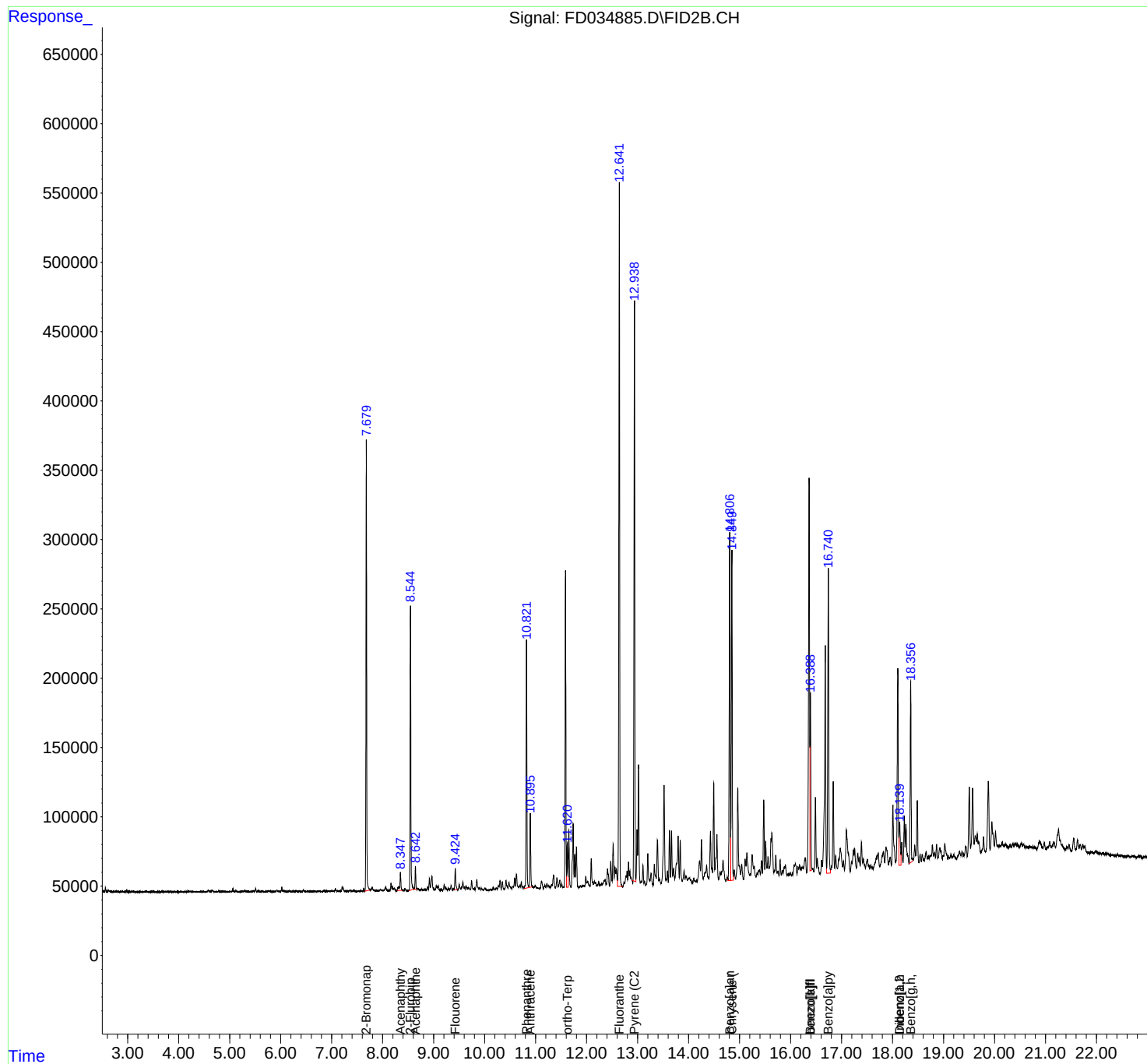
(f)=RT Delta > 1/2 Window

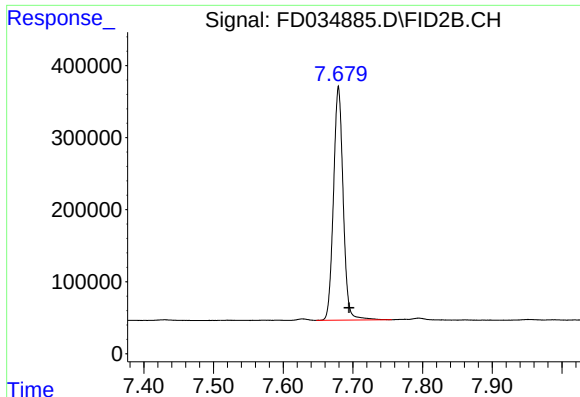
(m)=manual int.

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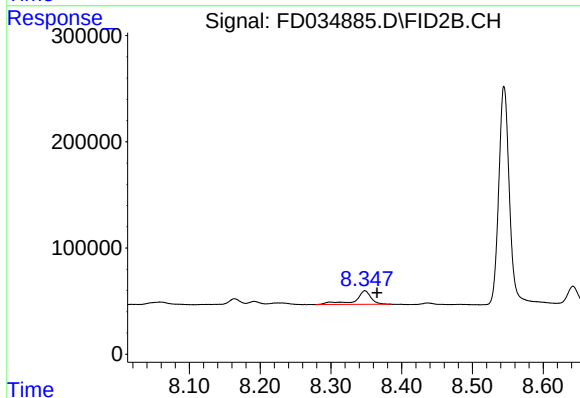
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





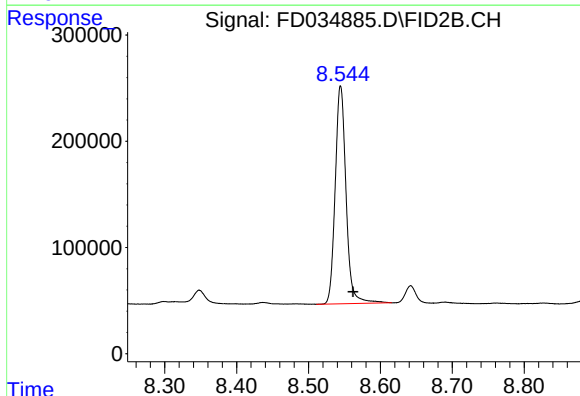
#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.016 min
Response: 3135912
Conc: 30.57 ug/ml



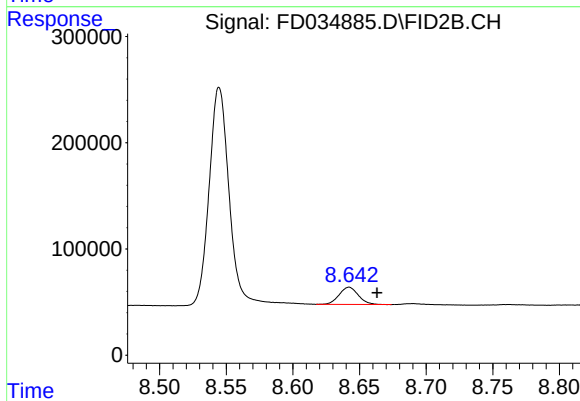
#5 Acenaphthylene (C15.06)

R.T.: 8.348 min
Delta R.T.: -0.017 min
Response: 201599
Conc: 1.72 ug/ml



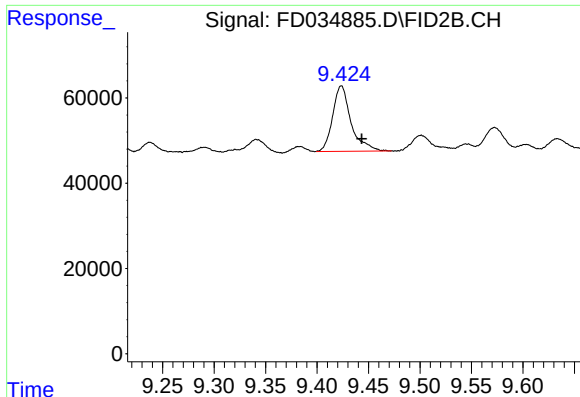
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: -0.017 min
Response: 2147232
Conc: 29.84 ug/ml



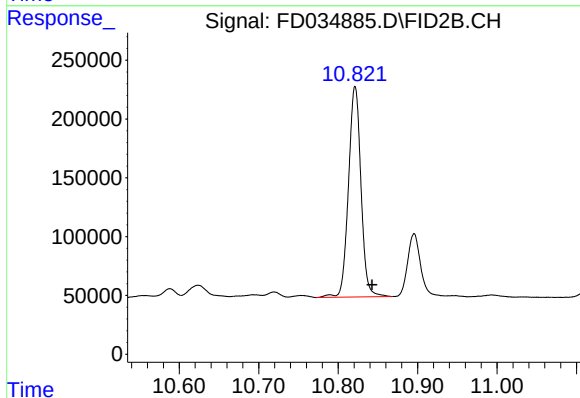
#7 Acenaphthene (C15.5)

R.T.: 8.642 min
Delta R.T.: -0.021 min
Response: 162558
Conc: 1.37 ug/ml



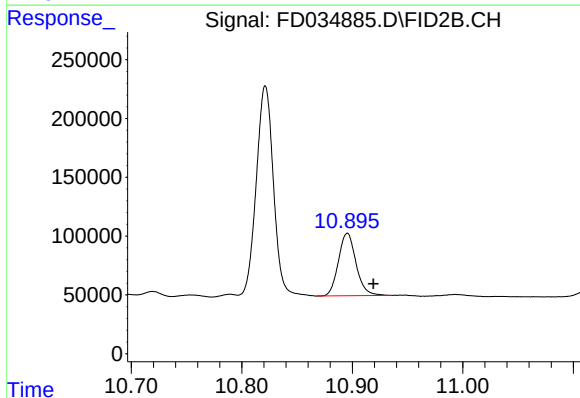
#8 Flouorene (C16.55)

R.T.: 9.424 min
Delta R.T.: -0.020 min
Response: 190494
Conc: 1.65 ug/ml



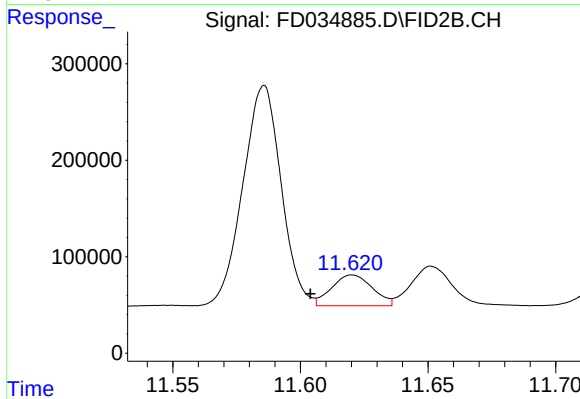
#9 Phenanthrene (C19.36)

R.T.: 10.821 min
Delta R.T.: -0.021 min
Response: 1959941
Conc: 16.81 ug/ml



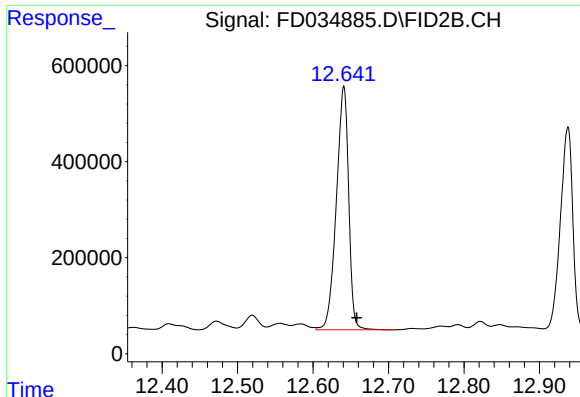
#10 Anthracene (C19.43)

R.T.: 10.896 min
Delta R.T.: -0.024 min
Response: 591372
Conc: 5.19 ug/ml



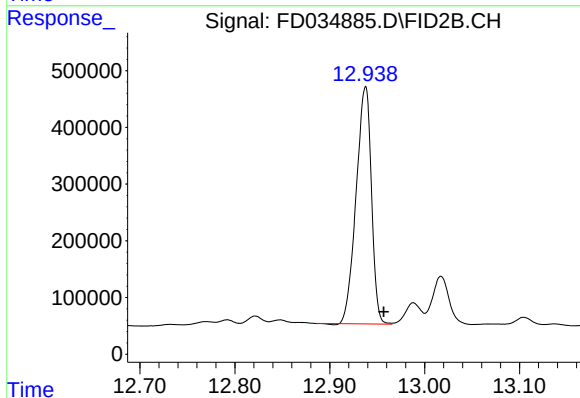
#11 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: 0.016 min
Response: 354150
Conc: 2.96 ug/ml



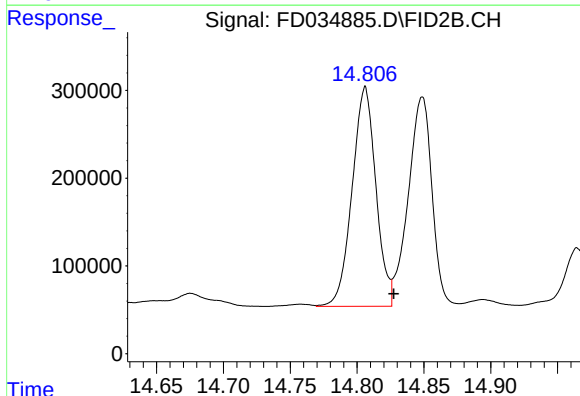
#12 Fluoranthene (C21.85)

R.T.: 12.641 min
Delta R.T.: -0.017 min
Response: 5769376
Conc: 49.47 ug/ml



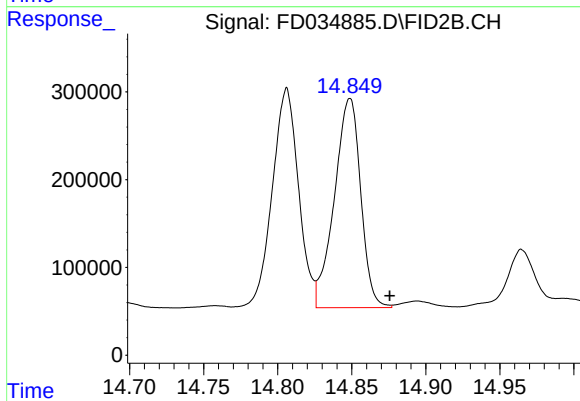
#13 Pyrene (C20.8)

R.T.: 12.938 min
Delta R.T.: -0.019 min
Response: 4681021
Conc: 41.25 ug/ml



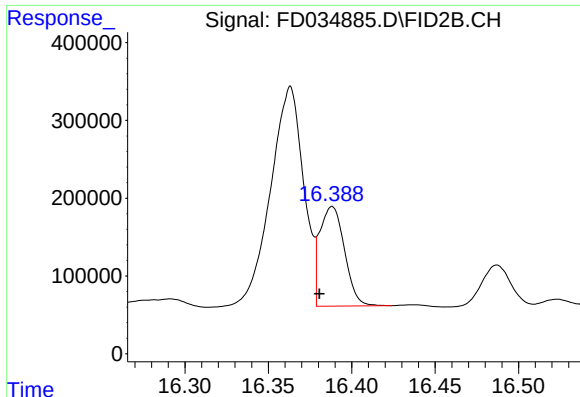
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.806 min
Delta R.T.: -0.021 min
Response: 3089130
Conc: 27.99 ug/ml



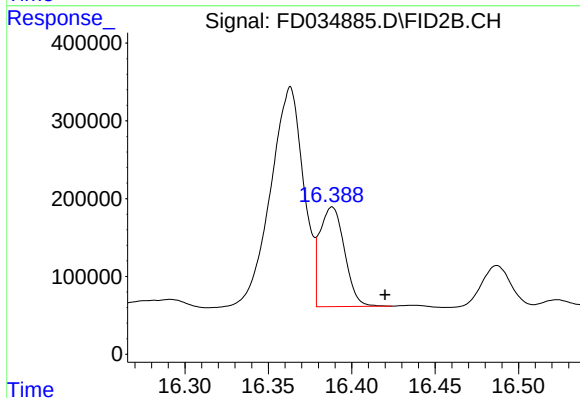
#15 Chrysene (C27.41)

R.T.: 14.849 min
Delta R.T.: -0.027 min
Response: 2957948
Conc: 26.48 ug/ml



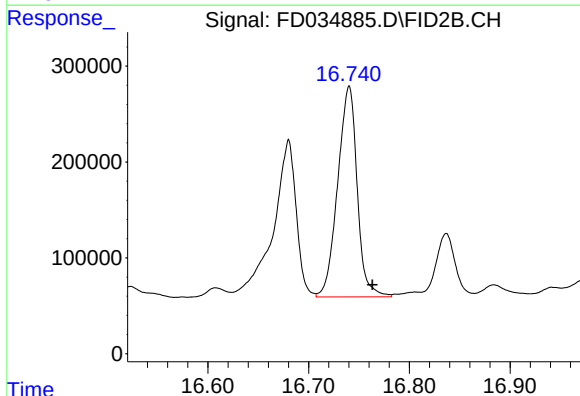
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.008 min
Response: 1327301
Conc: 12.39 ug/ml



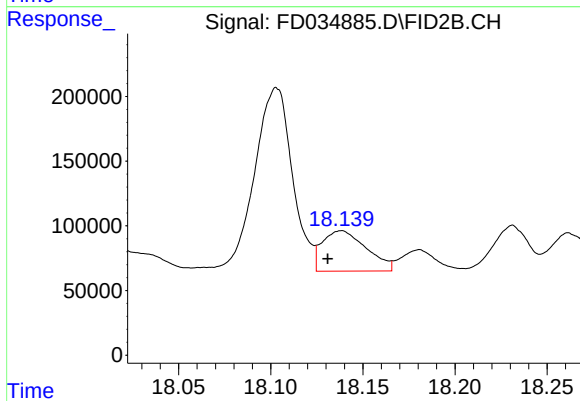
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: -0.032 min
Response: 1327301
Conc: 12.52 ug/ml



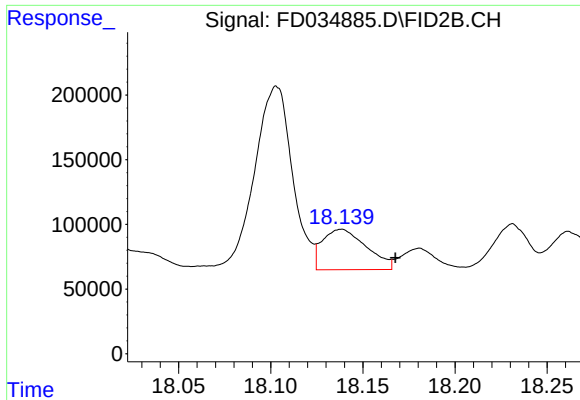
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 2952611
Conc: 28.04 ug/ml



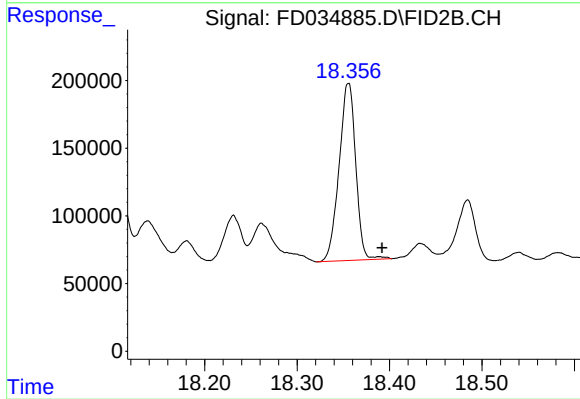
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.138 min
Delta R.T.: 0.007 min
Response: 519464
Conc: 5.13 ug/ml



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

R.T.: 18.138 min
Delta R.T.: -0.029 min
Response: 519464
Conc: 5.11 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.036 min
Response: 1638219
Conc: 16.22 ug/ml