

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012323AR\
 Data File : FD044867.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jan 2023 11:21
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 23 13:23:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 13:23:13 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.566	13605215	94.563 ug/ml
Spiked Amount 50.000		Recovery =	189.13%
6) S 2-Fluorobiphenyl (SURR)	8.425	9303691	94.839 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	189.68%#
11) S ortho-Terphenyl (SURR)	11.469	17171251	94.339 ug/ml
Spiked Amount 50.000		Recovery =	188.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.371	14754789	95.028 ug/ml
2) T Naphthalene (C11.7)	5.905	15695868	95.055 ug/ml
3) T 2-Methylnaphthalene (...)	6.957	15851691	94.941 ug/ml
5) T Acenaphthylene (C15.06)	8.229	14584997	94.623 ug/ml
7) T Acenaphthene (C15.5)	8.527	15423422	94.629 ug/ml
8) T Flouorene (C16.55)	9.305	15276182	94.447 ug/ml
9) T Phenanthrene (C19.36)	10.699	15134436	95.095 ug/ml
10) T Anthracene (C19.43)	10.774	13730736	95.052 ug/ml
12) T Fluoranthene (C21.85)	12.509	15090441	96.314 ug/ml
13) T Pyrene (C20.8)	12.805	14750113	96.155 ug/ml
14) T Benzo[a]anthracene (C...	14.670	13615822	97.843 ug/ml
15) T Chrysene (C27.41)	14.719	14160594	98.133 ug/ml
16) T benzo[b]fluoranthene ...	16.219	13905638	98.749 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	13803339	99.612 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.598	13370080	97.949 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.959	13292053	102.273 ug/ml
20) T Dibenz[a,h]anthracene...	18.002	12532924	96.189 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.219	12967512	97.443 ug/ml

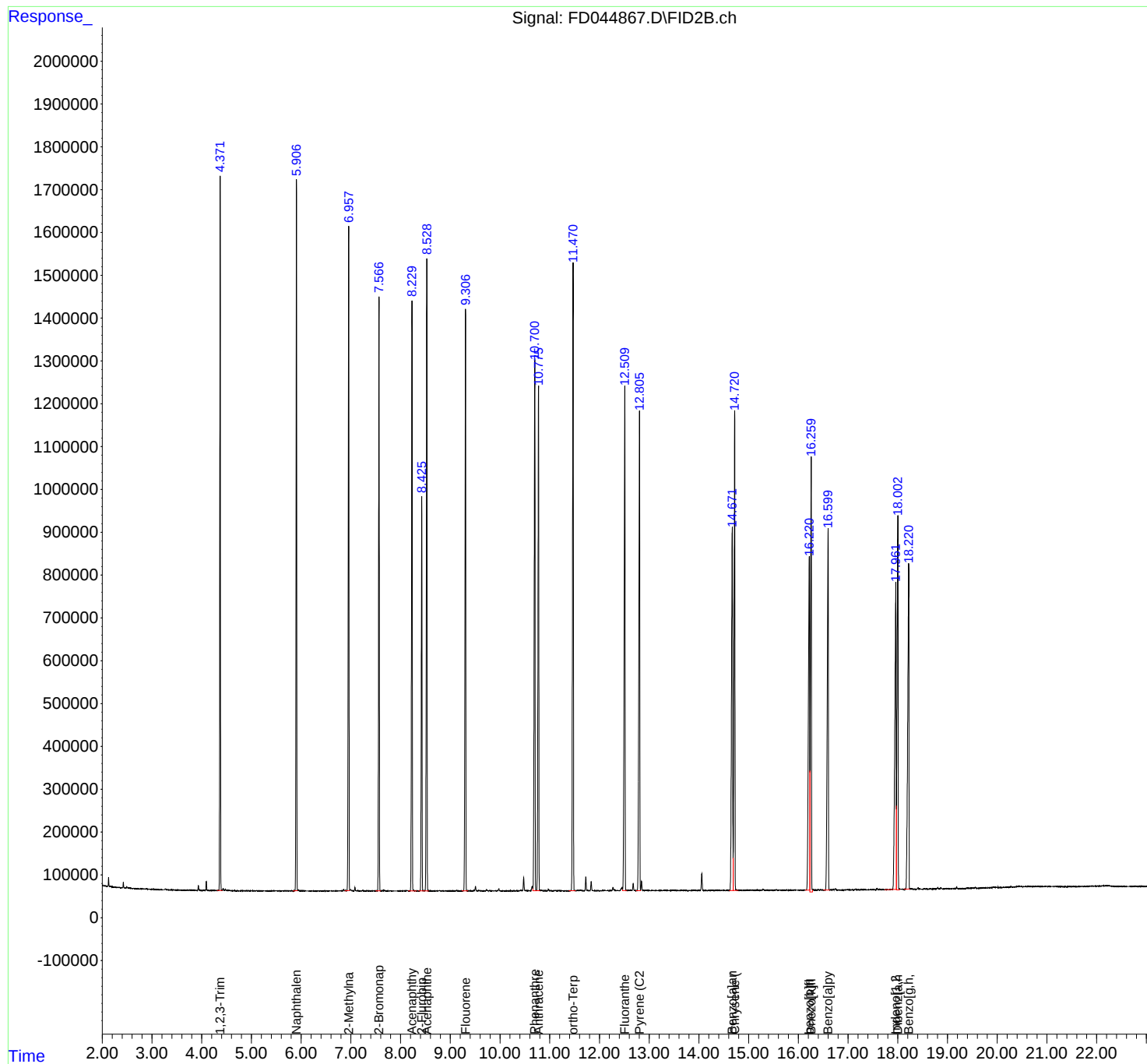
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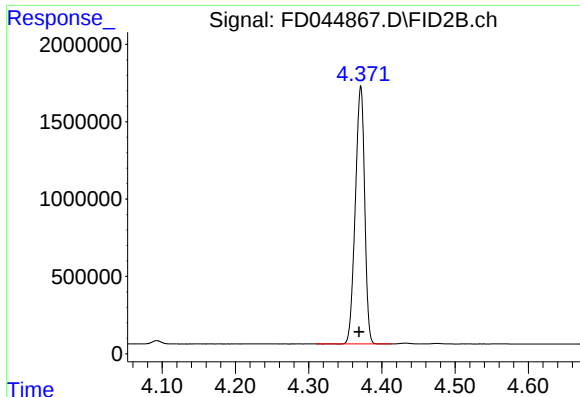
(m)=manual int.

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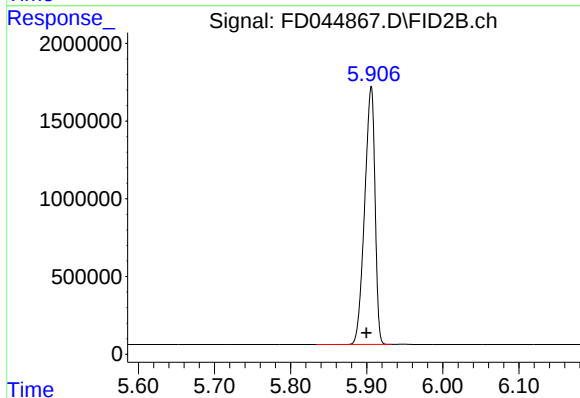
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





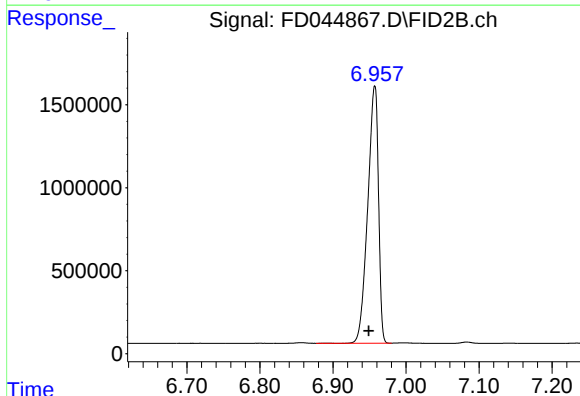
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.371 min
Delta R.T.: 0.002 min
Response: 14754789
Conc: 95.03 ug/ml



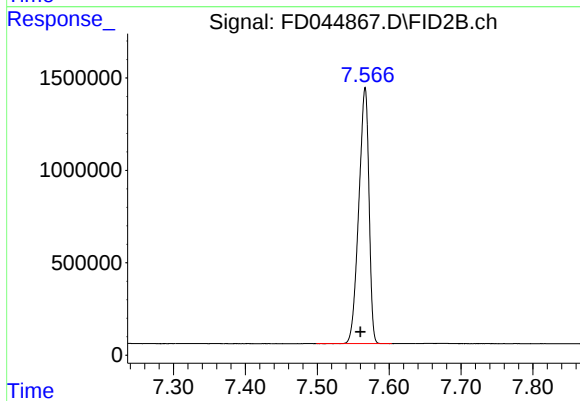
#2 Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: 0.006 min
Response: 15695868
Conc: 95.05 ug/ml



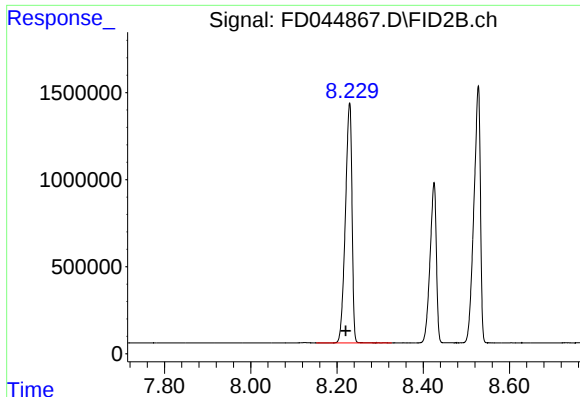
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: 0.008 min
Response: 15851691
Conc: 94.94 ug/ml



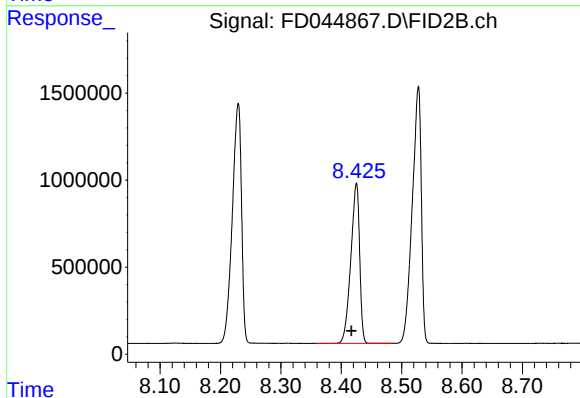
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: 0.006 min
Response: 13605215
Conc: 94.56 ug/ml



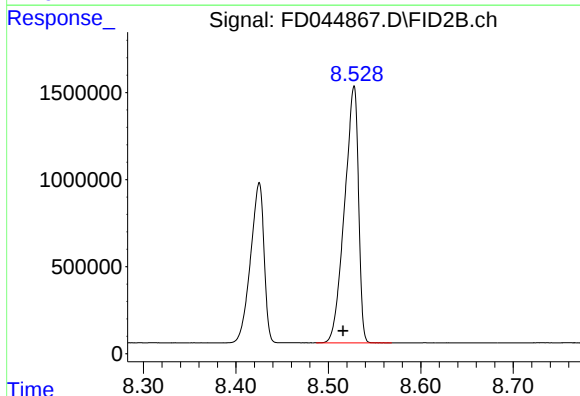
#5 Acenaphthylene (C15.06)

R.T.: 8.229 min
Delta R.T.: 0.009 min
Response: 14584997
Conc: 94.62 ug/ml



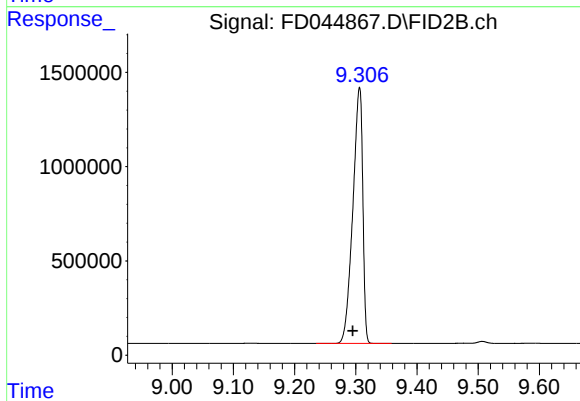
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: 0.008 min
Response: 9303691
Conc: 94.84 ug/ml



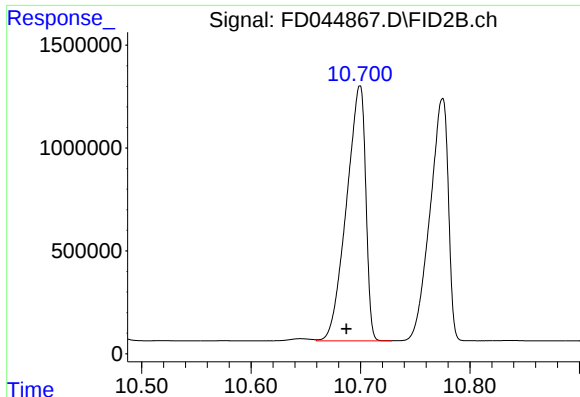
#7 Acenaphthene (C15.5)

R.T.: 8.527 min
Delta R.T.: 0.011 min
Response: 15423422
Conc: 94.63 ug/ml



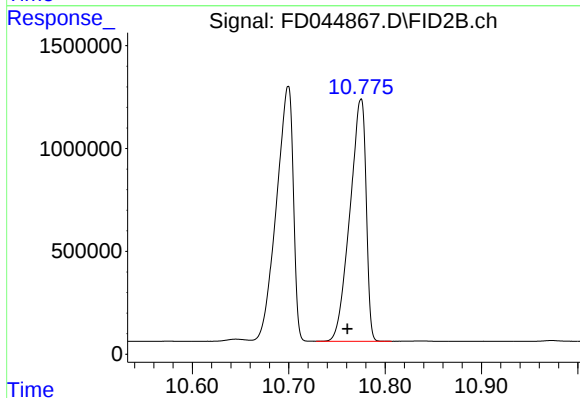
#8 Flouorene (C16.55)

R.T.: 9.305 min
Delta R.T.: 0.010 min
Response: 15276182
Conc: 94.45 ug/ml



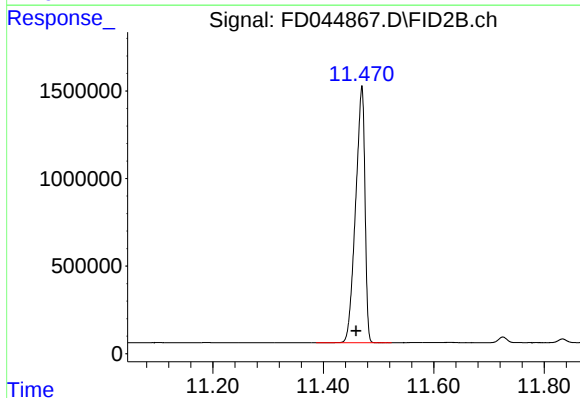
#9 Phenanthrene (C19.36)

R.T.: 10.699 min
Delta R.T.: 0.011 min
Response: 15134436
Conc: 95.09 ug/ml



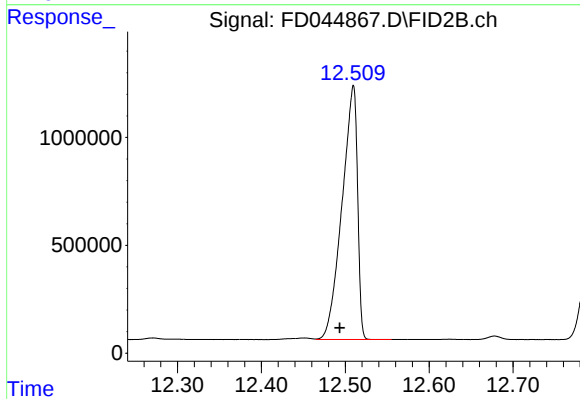
#10 Anthracene (C19.43)

R.T.: 10.774 min
Delta R.T.: 0.013 min
Response: 13730736
Conc: 95.05 ug/ml



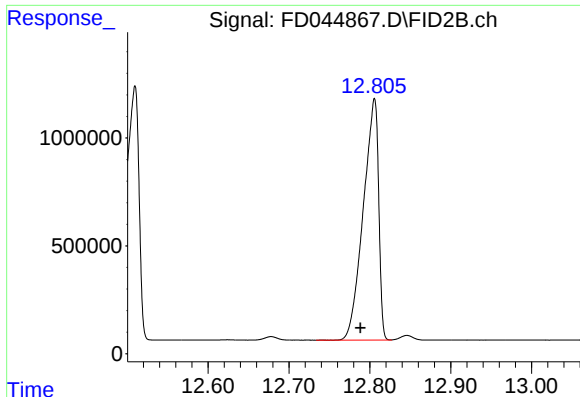
#11 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: 0.010 min
Response: 17171251
Conc: 94.34 ug/ml



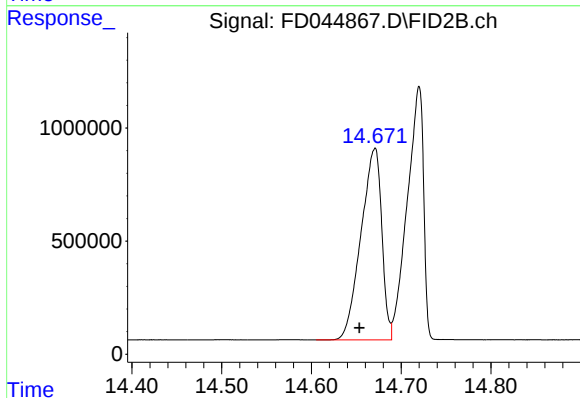
#12 Fluoranthene (C21.85)

R.T.: 12.509 min
Delta R.T.: 0.015 min
Response: 15090441
Conc: 96.31 ug/ml



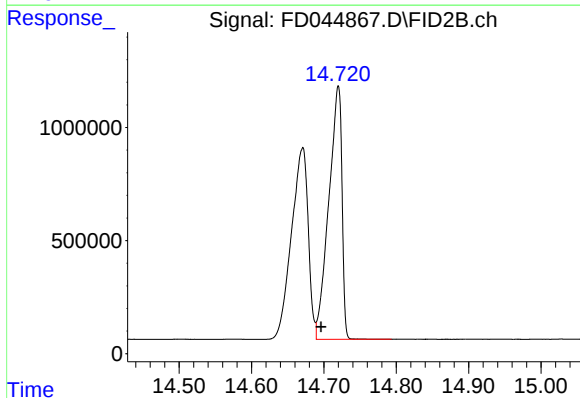
#13 Pyrene (C20.8)

R.T.: 12.805 min
Delta R.T.: 0.016 min
Response: 14750113
Conc: 96.16 ug/ml



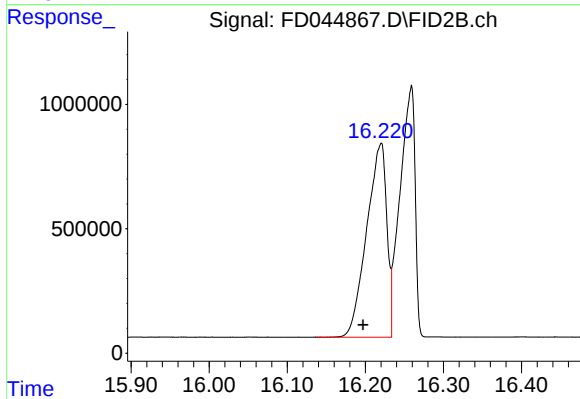
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.670 min
Delta R.T.: 0.017 min
Response: 13615822
Conc: 97.84 ug/ml



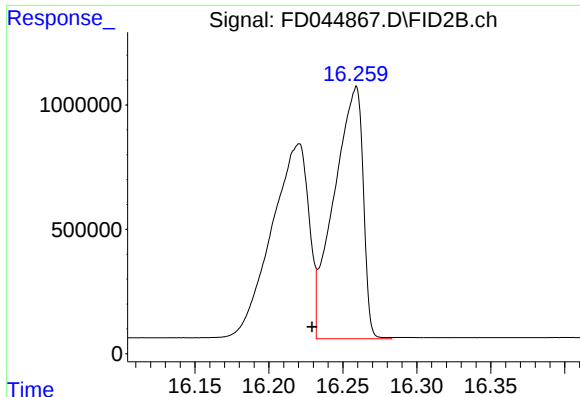
#15 Chrysene (C27.41)

R.T.: 14.719 min
Delta R.T.: 0.023 min
Response: 14160594
Conc: 98.13 ug/ml



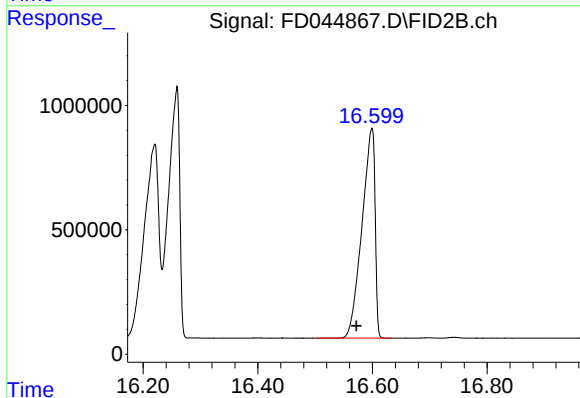
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.219 min
Delta R.T.: 0.022 min
Response: 13905638
Conc: 98.75 ug/ml



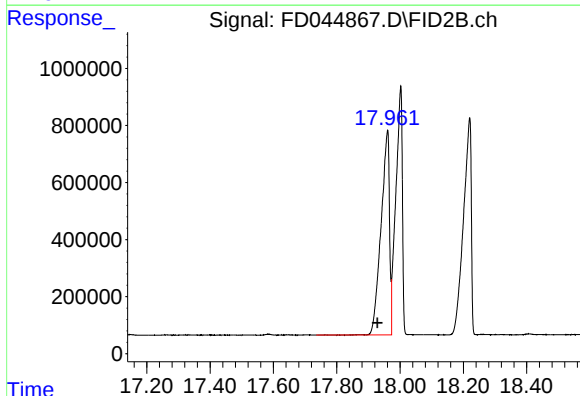
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: 0.030 min
Response: 13803339
Conc: 99.61 ug/ml m



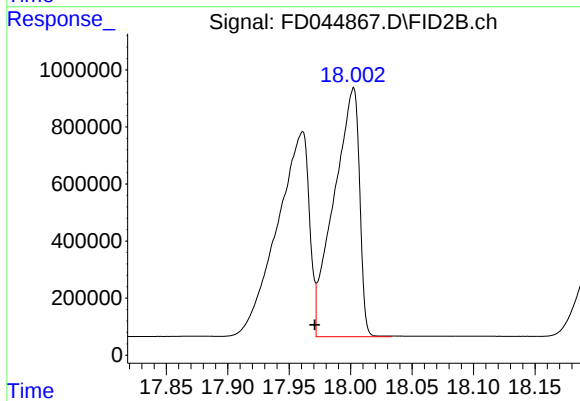
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.598 min
Delta R.T.: 0.026 min
Response: 13370080
Conc: 97.95 ug/ml



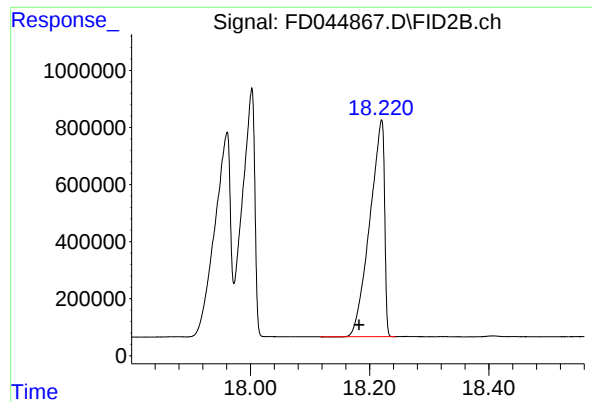
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.959 min
Delta R.T.: 0.031 min
Response: 13292053
Conc: 102.27 ug/ml



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

R.T.: 18.002 min
Delta R.T.: 0.031 min
Response: 12532924
Conc: 96.19 ug/ml m



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

R.T.: 18.219 min
Delta R.T.: 0.036 min
Response: 12967512
Conc: 97.44 ug/ml