

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070822AR\
 Data File : FD043201.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jul 2022 09:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:33:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.626	3338092	21.618 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
6) S 2-Fluorobiphenyl (SURR)	8.490	2265297	21.477 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.95%
11) S ortho-Terphenyl (SURR)	11.534	3828764	21.066 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3840088	22.864 ug/ml
2) T Naphthalene (C11.7)	5.963	3910770	22.338 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	3548875	22.064 ug/ml
5) T Acenaphthylene (C15.06)	8.293	3778278	21.256 ug/ml
7) T Acenaphthene (C15.5)	8.588	3808008	21.746 ug/ml
8) T Flouorene (C16.55)	9.370	3707415	21.388 ug/ml
9) T Phenanthrene (C19.36)	10.767	3555669	20.731 ug/ml
10) T Anthracene (C19.43)	10.842	3383564	19.916 ug/ml
12) T Fluoranthene (C21.85)	12.580	3333228	19.874 ug/ml
13) T Pyrene (C20.8)	12.877	2396733	14.707 ug/ml
14) T Benzo[a]anthracene (C...	14.749	3047490	19.623 ug/ml
15) T Chrysene (C27.41)	14.791	3143961	19.920 ug/ml
16) T benzo[b]fluoranthene ...	16.333	3083363	20.227 ug/ml
17) T Bnezo[k]fluoranthene ...	16.333	3083363	21.067 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	3040369	21.256 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	3194735	25.530 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	3194735	23.764 ug/ml
21) T Benzo[g,h,i]perylene ...	18.298	3030826	23.237 ug/ml

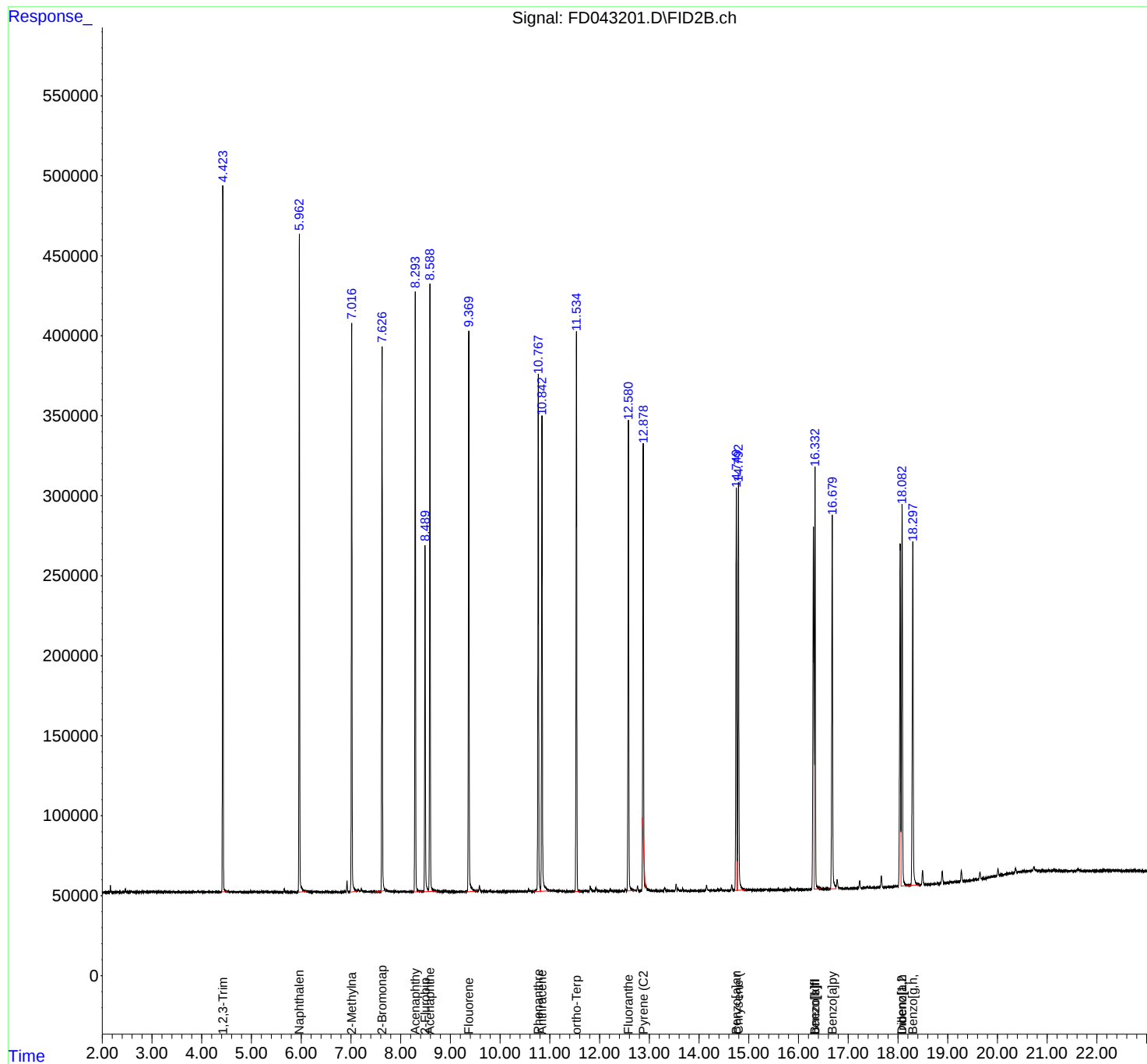
(f)=RT Delta > 1/2 Window

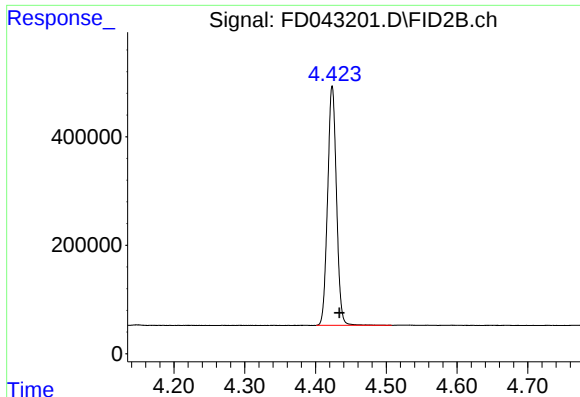
(m)=manual int.

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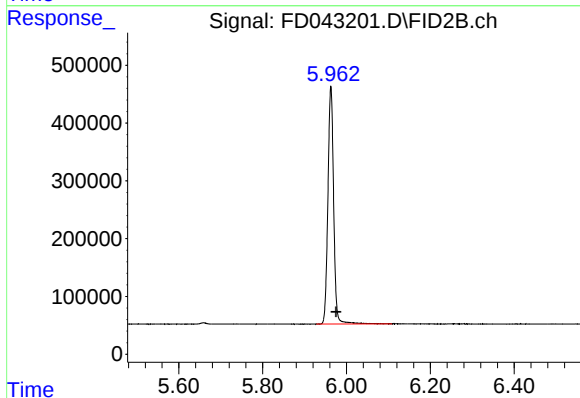
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Signal Info : 20M x 0.18mm x 0.18µm





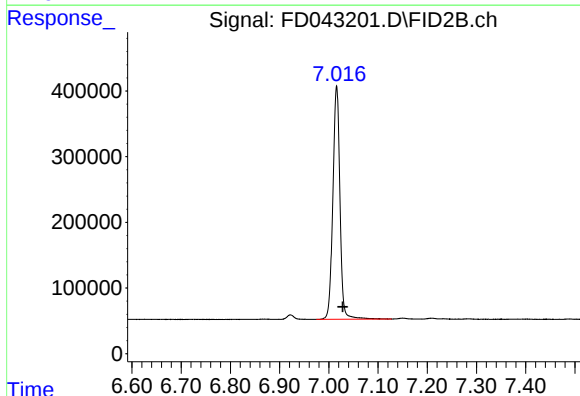
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 3840088
Conc: 22.86 ug/ml



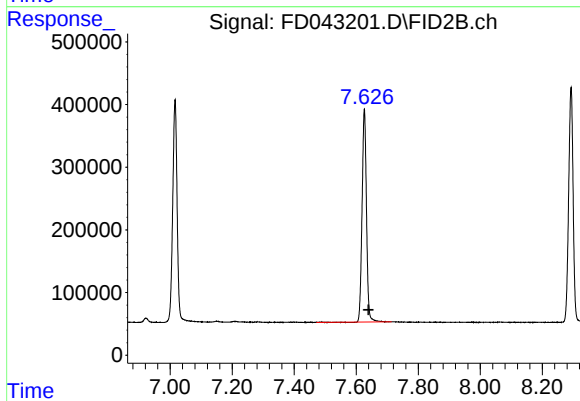
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 3910770
Conc: 22.34 ug/ml



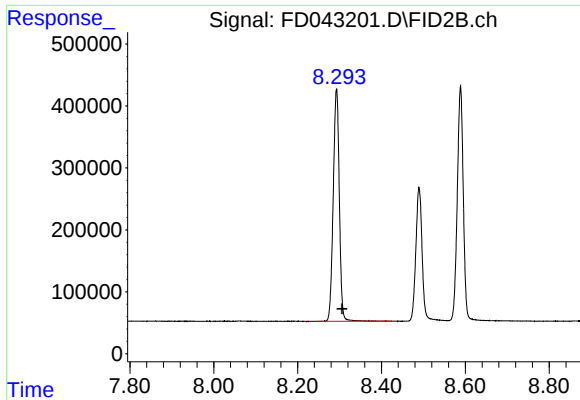
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 3548875
Conc: 22.06 ug/ml



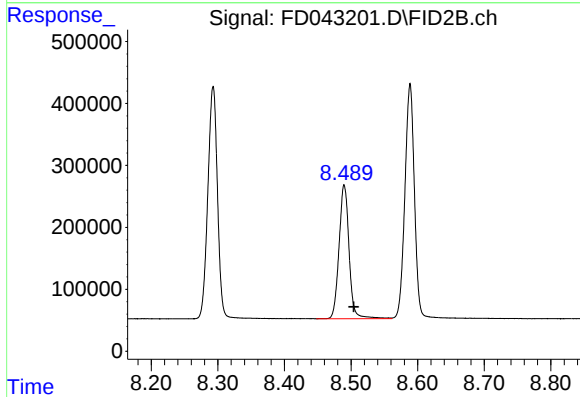
#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.013 min
Response: 3338092
Conc: 21.62 ug/ml



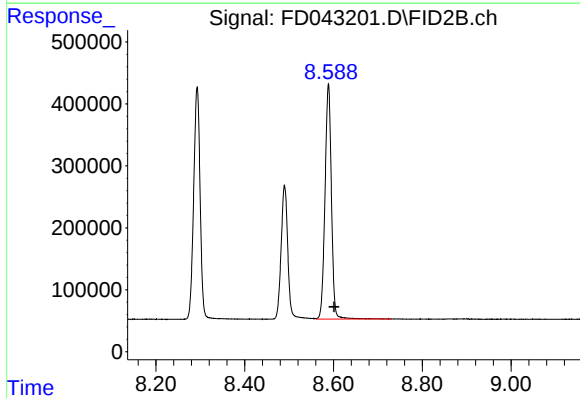
#5 Acenaphthylene (C15.06)

R.T.: 8.293 min
Delta R.T.: -0.013 min
Response: 3778278
Conc: 21.26 ug/ml



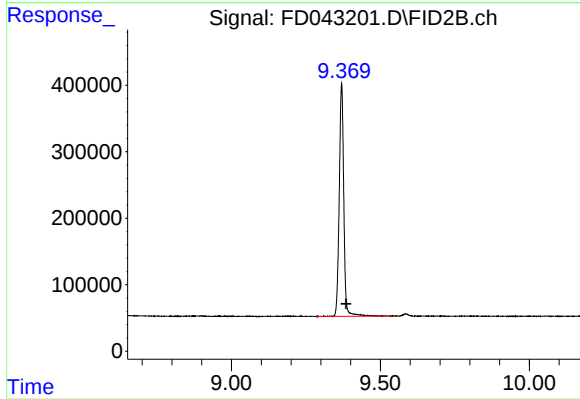
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 2265297
Conc: 21.48 ug/ml



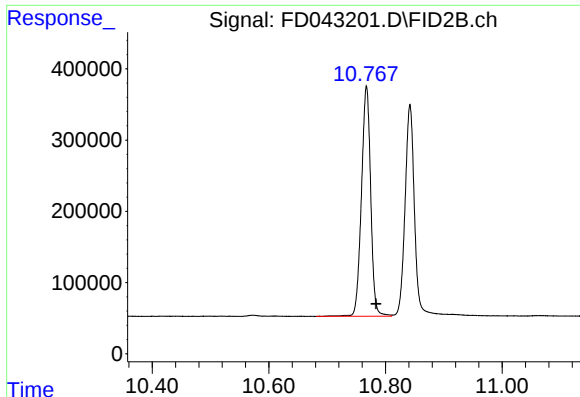
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: -0.013 min
Response: 3808008
Conc: 21.75 ug/ml



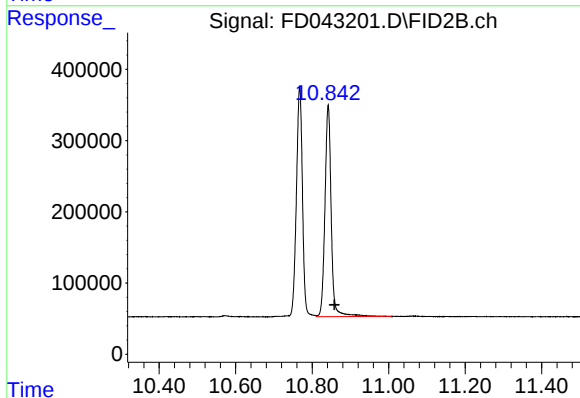
#8 Flouorene (C16.55)

R.T.: 9.370 min
Delta R.T.: -0.015 min
Response: 3707415
Conc: 21.39 ug/ml



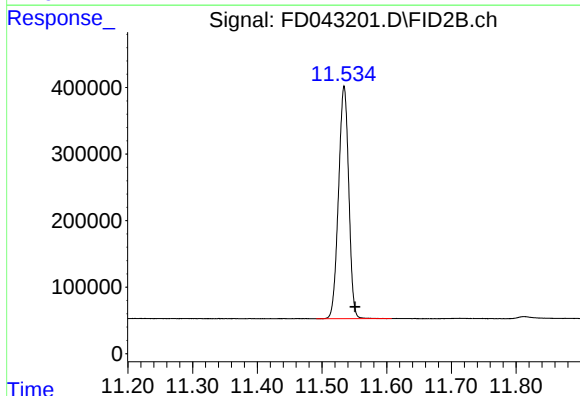
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.016 min
Response: 3555669
Conc: 20.73 ug/ml



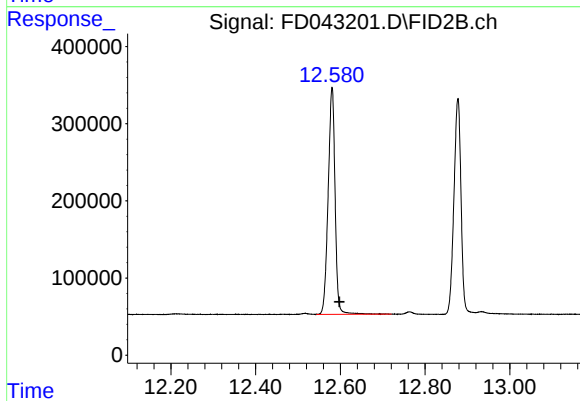
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: -0.016 min
Response: 3383564
Conc: 19.92 ug/ml



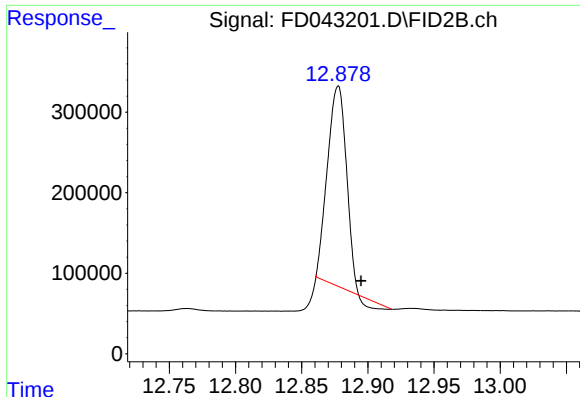
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.017 min
Response: 3828764
Conc: 21.07 ug/ml



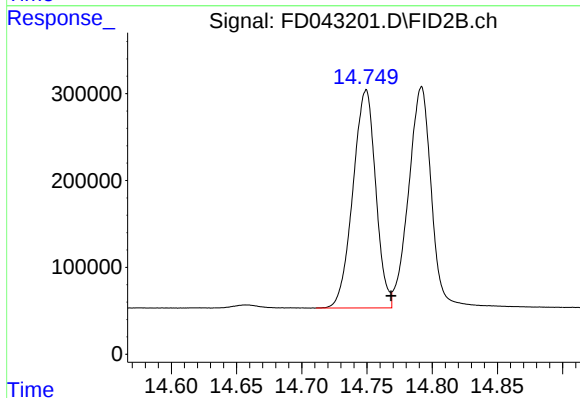
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.017 min
Response: 3333228
Conc: 19.87 ug/ml



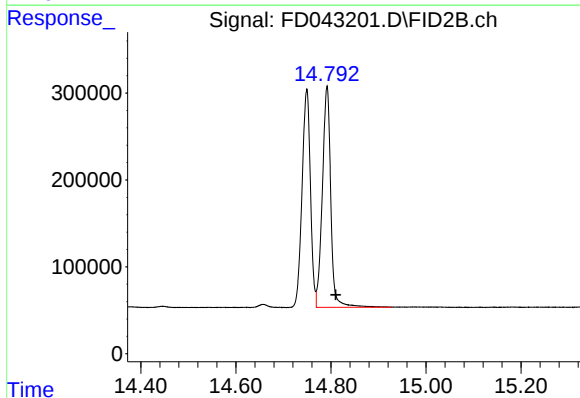
#13 Pyrene (C20.8)

R.T.: 12.877 min
Delta R.T.: -0.018 min
Response: 2396733
Conc: 14.71 ug/ml



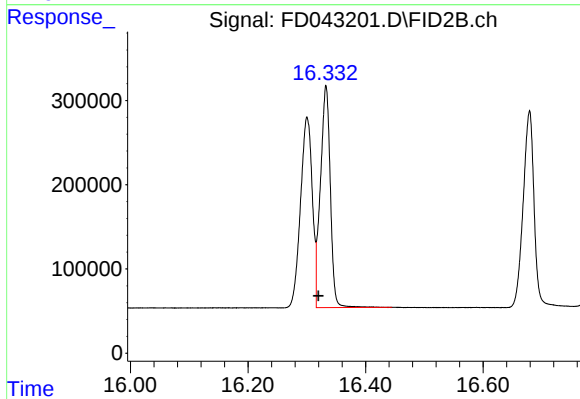
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.749 min
Delta R.T.: -0.019 min
Response: 3047490
Conc: 19.62 ug/ml



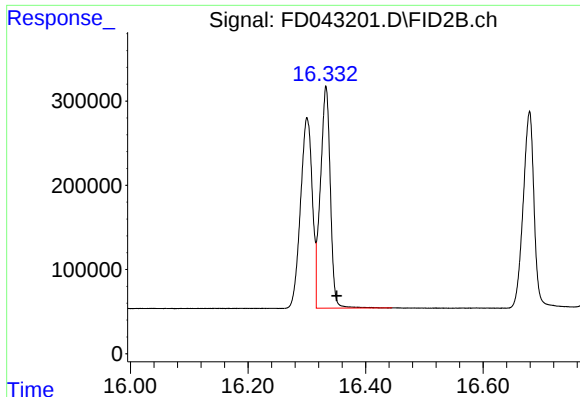
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.018 min
Response: 3143961
Conc: 19.92 ug/ml



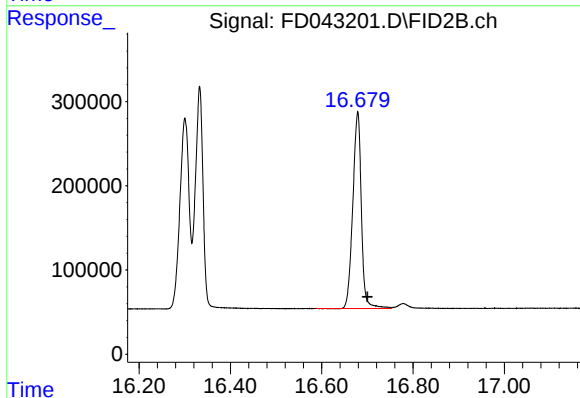
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.333 min
Delta R.T.: 0.013 min
Response: 3083363
Conc: 20.23 ug/ml



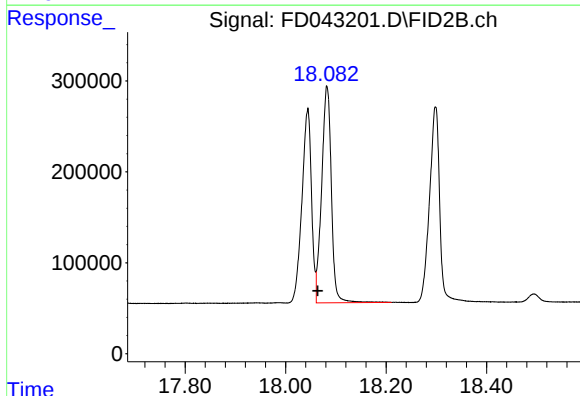
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.333 min
Delta R.T.: -0.018 min
Response: 3083363
Conc: 21.07 ug/ml



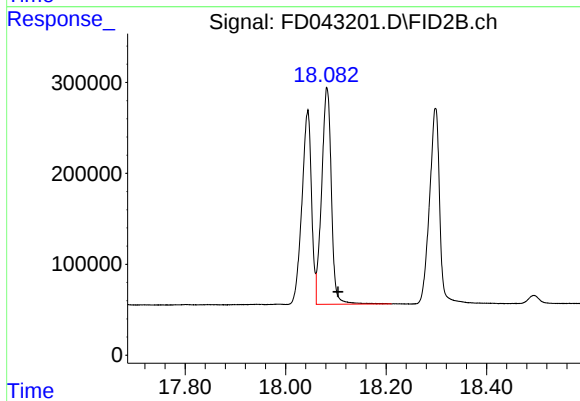
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.022 min
Response: 3040369
Conc: 21.26 ug/ml



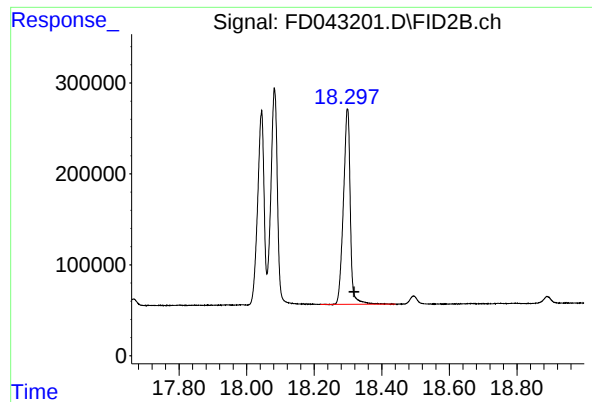
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: 0.018 min
Response: 3194735
Conc: 25.53 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.022 min
Response: 3194735
Conc: 23.76 ug/ml



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

R.T.: 18.298 min
Delta R.T.: -0.020 min
Response: 3030826
Conc: 23.24 ug/ml