

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070122AR\
 Data File : FD043154.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 13:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 02 04:03:49 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...	7.627	3075491	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
6) S 2-Fluorobiphenyl (SURR)	8.490	2065927	19.587 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.17%
11) S ortho-Terphenyl (SURR)	11.534	3494947	19.229 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	3433842	20.445 ug/ml
2) T Naphthalene (C11.7)	5.964	3501855	20.002 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	3202650	19.912 ug/ml
5) T Acenaphthylene (C15.06)	8.293	3403773	19.149 ug/ml
7) T Acenaphthene (C15.5)	8.589	3443302	19.663 ug/ml
8) T Flouorene (C16.55)	9.370	3362940	19.401 ug/ml
9) T Phenanthrene (C19.36)	10.767	3268500	19.057 ug/ml
10) T Anthracene (C19.43)	10.841	3025878	17.810 ug/ml
12) T Fluoranthene (C21.85)	12.580	3117826	18.590 ug/ml
13) T Pyrene (C20.8)	12.876	3036617	18.633 ug/mlm
14) T Benzo[a]anthracene (C...	14.748	2844094	18.314 ug/ml
15) T Chrysene (C27.41)	14.790	2936992	18.609 ug/ml
16) T benzo[b]fluoranthene ...	16.298	2916512	19.133 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.330	2843252	19.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	2769952	19.366 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	2564006	20.490 ug/mlm
20) T Dibenz[a,h]anthracene...	18.081	2969705	22.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.297	2748846	21.075 ug/ml

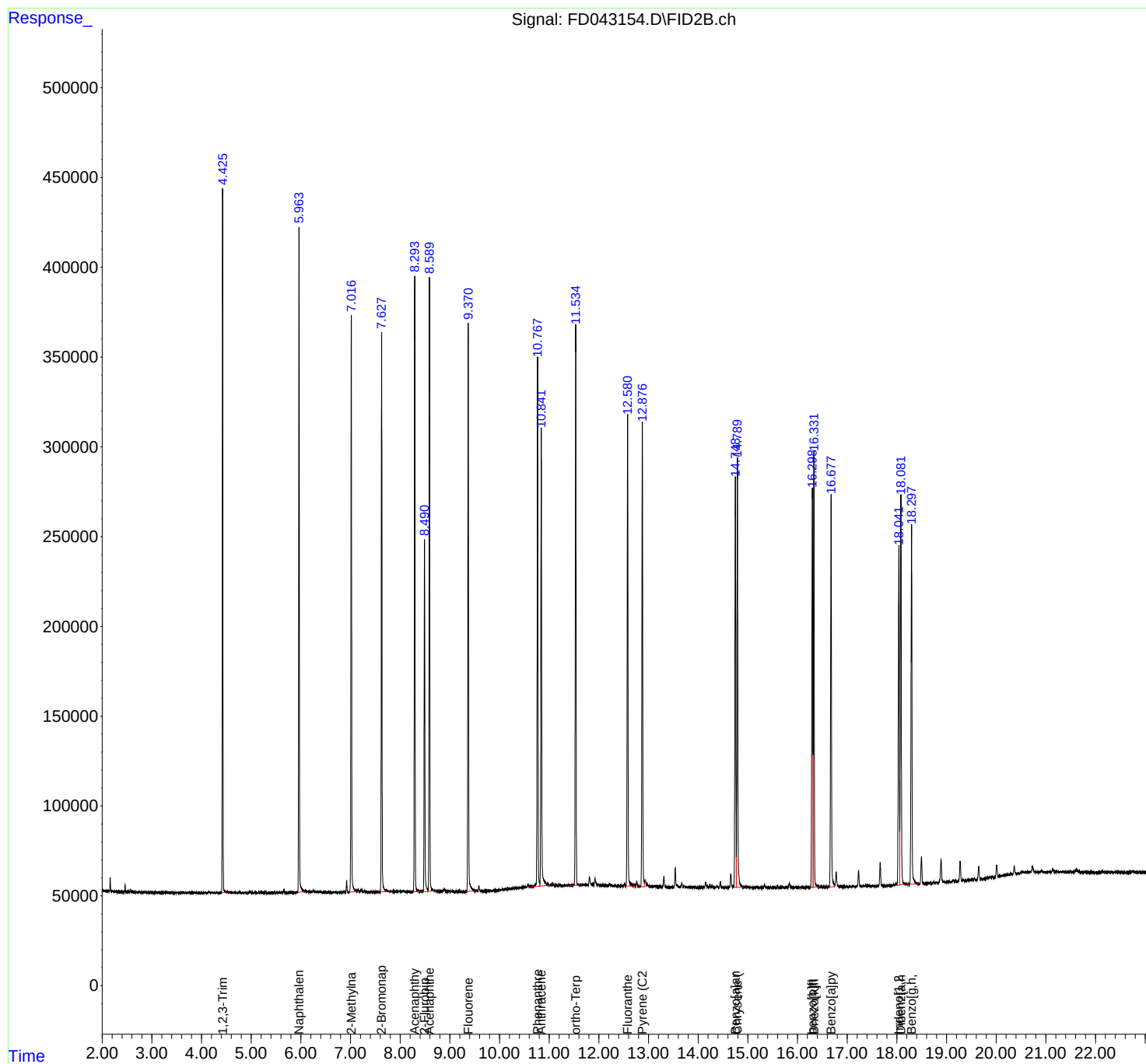
(f)=RT Delta > 1/2 Window

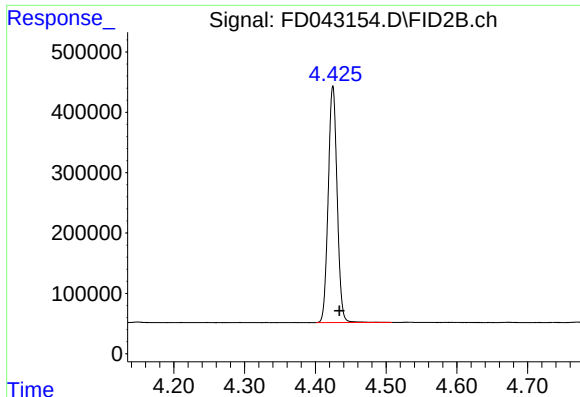
(m)=manual int.

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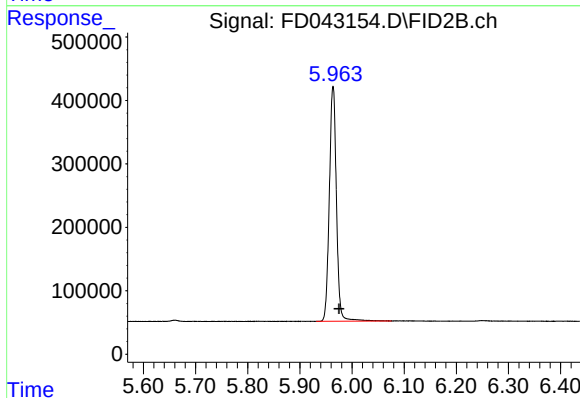
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





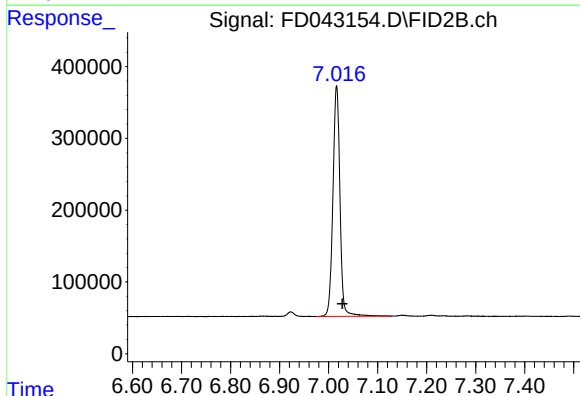
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 3433842
Conc: 20.45 ug/ml



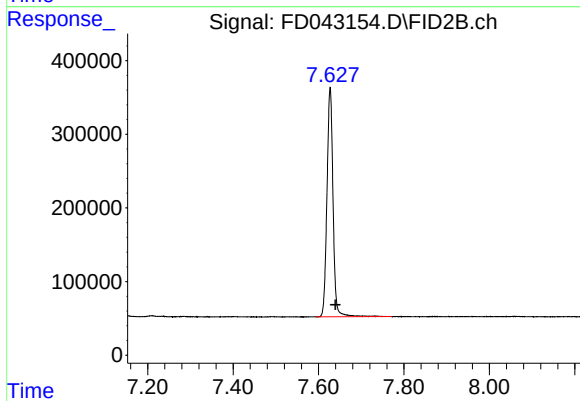
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 3501855
Conc: 20.00 ug/ml



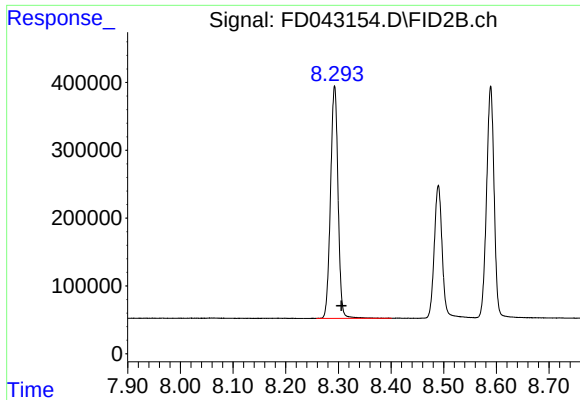
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 3202650
Conc: 19.91 ug/ml



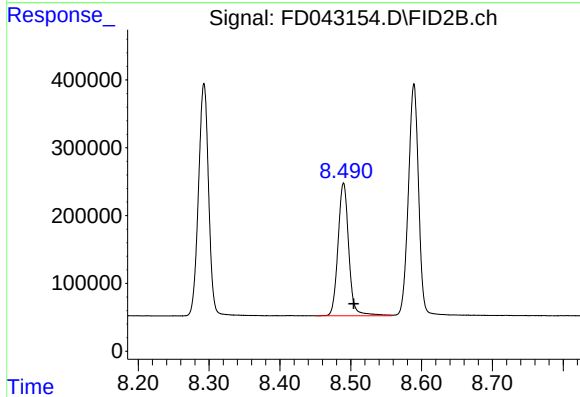
#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.012 min
Response: 3075491
Conc: 19.92 ug/ml



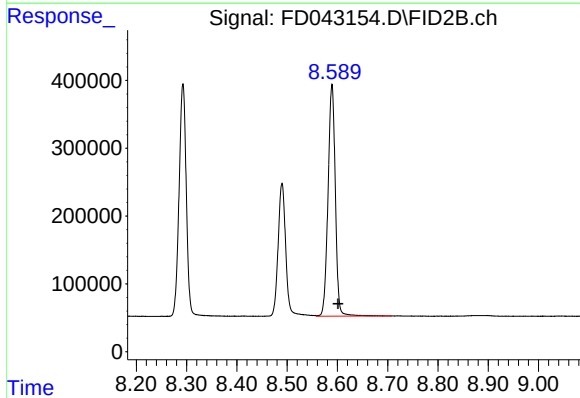
#5 Acenaphthylene (C15.06)

R.T.: 8.293 min
Delta R.T.: -0.013 min
Response: 3403773
Conc: 19.15 ug/ml



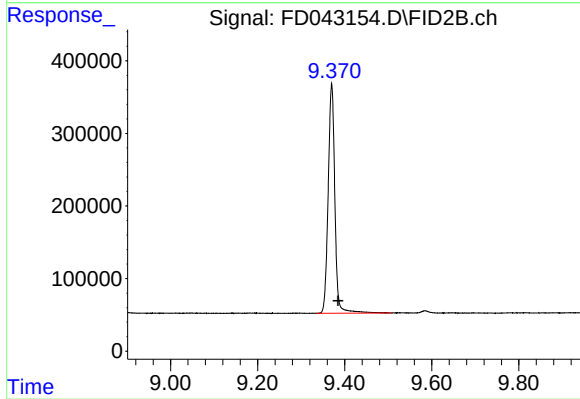
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 2065927
Conc: 19.59 ug/ml



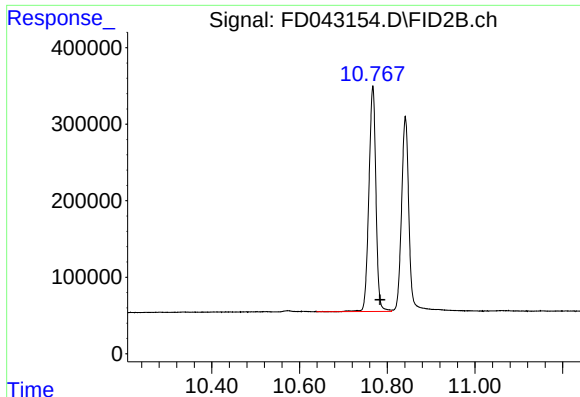
#7 Acenaphthene (C15.5)

R.T.: 8.589 min
Delta R.T.: -0.013 min
Response: 3443302
Conc: 19.66 ug/ml



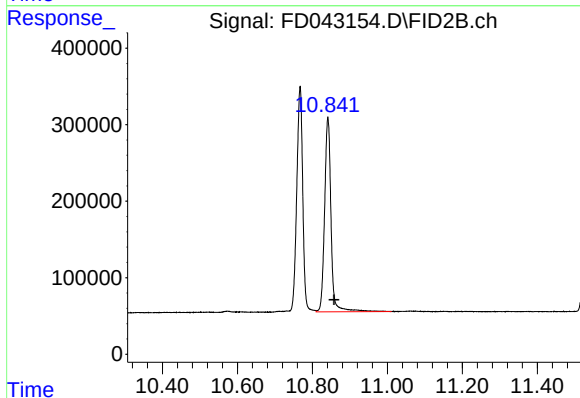
#8 Fluorene (C16.55)

R.T.: 9.370 min
Delta R.T.: -0.015 min
Response: 3362940
Conc: 19.40 ug/ml



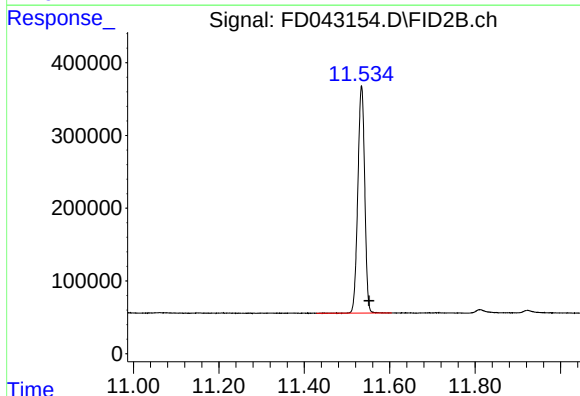
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.017 min
Response: 3268500
Conc: 19.06 ug/ml



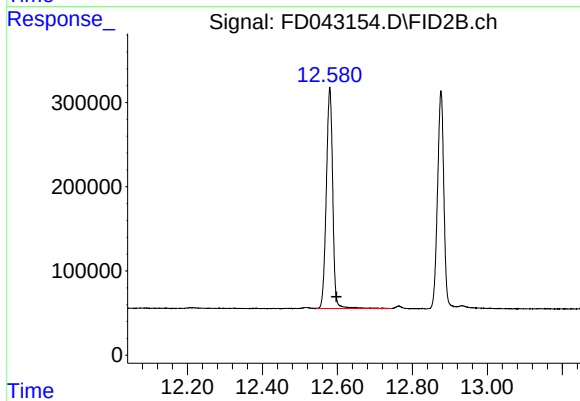
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.017 min
Response: 3025878
Conc: 17.81 ug/ml



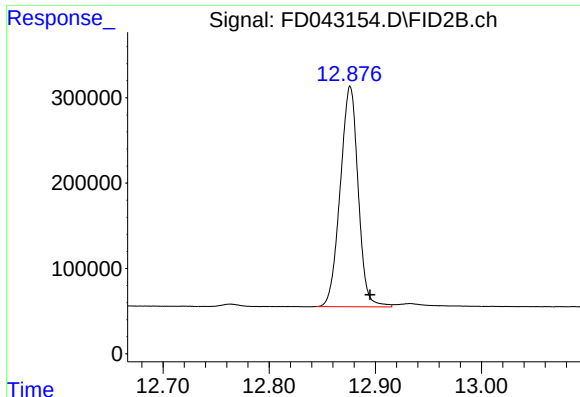
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.017 min
Response: 3494947
Conc: 19.23 ug/ml



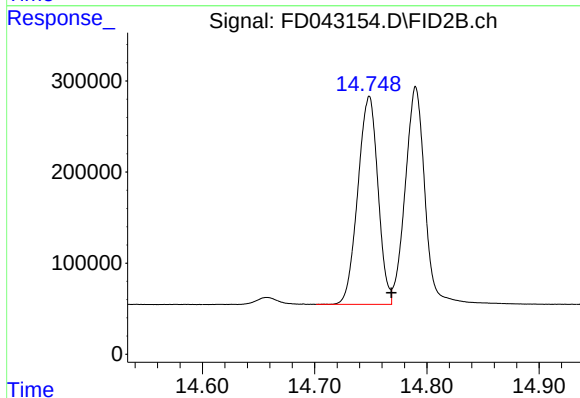
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.018 min
Response: 3117826
Conc: 18.59 ug/ml



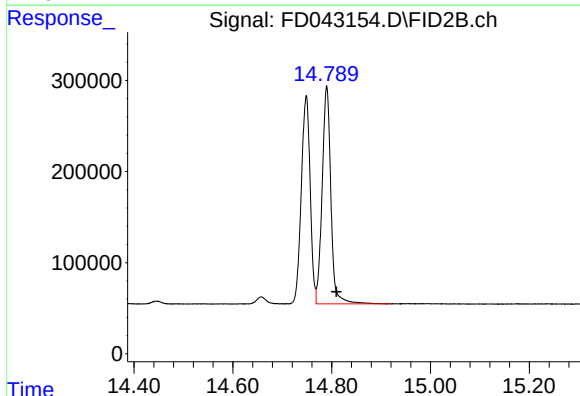
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 3036617
Conc: 18.63 ug/ml m



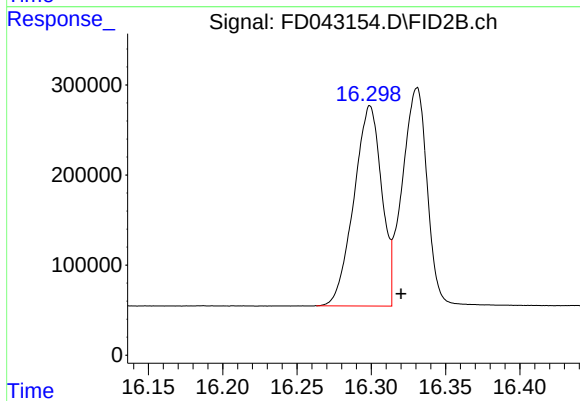
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.020 min
Response: 2844094
Conc: 18.31 ug/ml



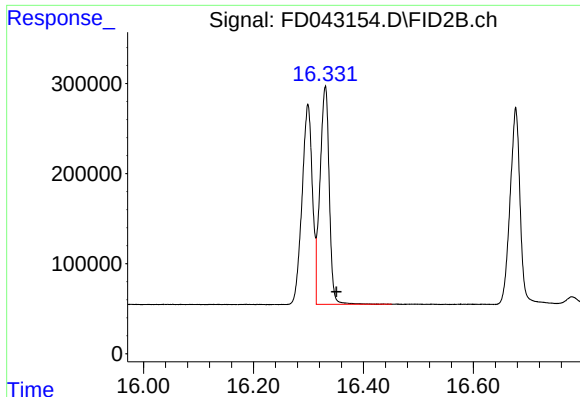
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 2936992
Conc: 18.61 ug/ml



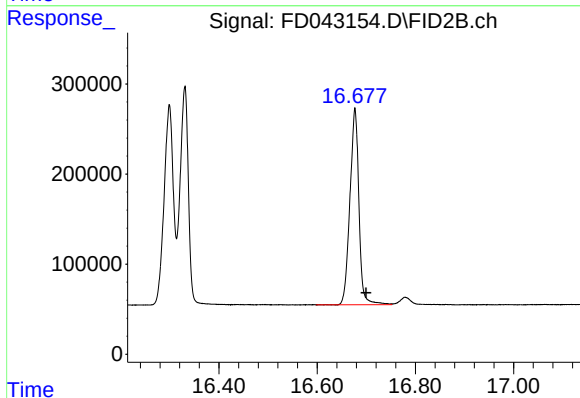
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.298 min
Delta R.T.: -0.022 min
Response: 2916512
Conc: 19.13 ug/ml m



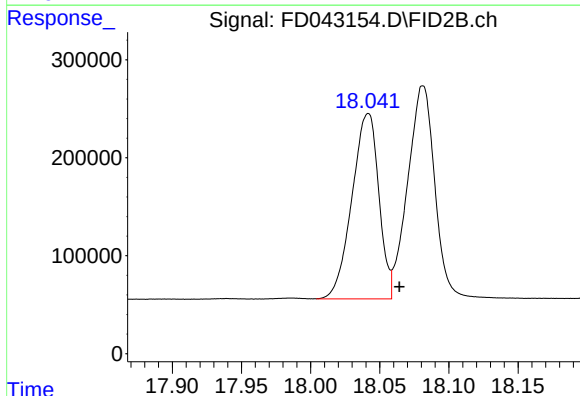
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: -0.020 min
Response: 2843252
Conc: 19.43 ug/ml



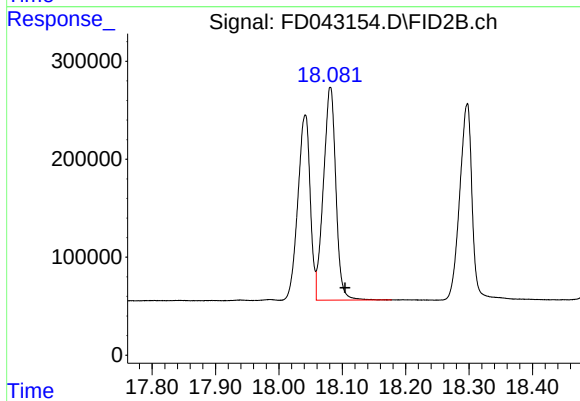
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.023 min
Response: 2769952
Conc: 19.37 ug/ml



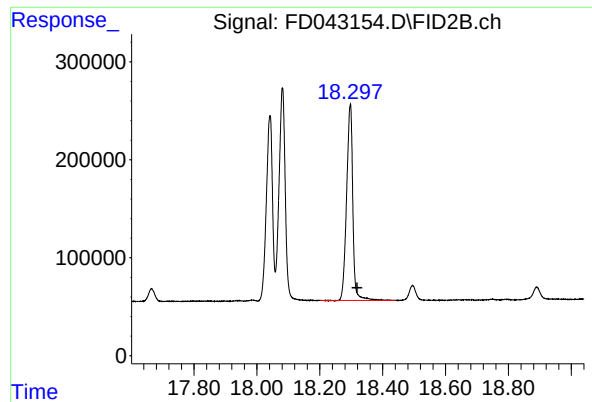
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: -0.023 min
Response: 2564006
Conc: 20.49 ug/ml m



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

R.T.: 18.081 min
Delta R.T.: -0.024 min
Response: 2969705
Conc: 22.09 ug/ml



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

R.T.: 18.297 min
Delta R.T.: -0.022 min
Response: 2748846
Conc: 21.08 ug/ml