

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071122AR\
 Data File : FD043213.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2022 11:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 02:43:44 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...	7.625	2955855	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
6) S 2-Fluorobiphenyl (SURR)	8.488	1887702	17.897 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.79%
11) S ortho-Terphenyl (SURR)	11.532	3360163	18.488 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.420	3370041	20.066 ug/ml
2) T Naphthalene (C11.7)	5.960	3404728	19.448 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	3078472	19.139 ug/ml
5) T Acenaphthylene (C15.06)	8.291	3211580	18.068 ug/ml
7) T Acenaphthene (C15.5)	8.587	3291956	18.799 ug/ml
8) T Flouorene (C16.55)	9.368	3148308	18.163 ug/ml
9) T Phenanthrene (C19.36)	10.765	3005036	17.521 ug/ml
10) T Anthracene (C19.43)	10.839	2791761	16.432 ug/ml
12) T Fluoranthene (C21.85)	12.577	2904989	17.321 ug/ml
14) T Benzo[a]anthracene (C...	14.789	2763332	17.794 ug/ml
15) T Chrysene (C27.41)	14.789	2763332	17.508 ug/ml
16) T benzo[b]fluoranthene ...	16.329	2678157	17.569 ug/ml
17) T Bnezo[k]fluoranthene ...	16.329	2678157	18.298 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	2530975	17.695 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	2617136	20.914 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	2617136	19.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	2395253	18.364 ug/ml

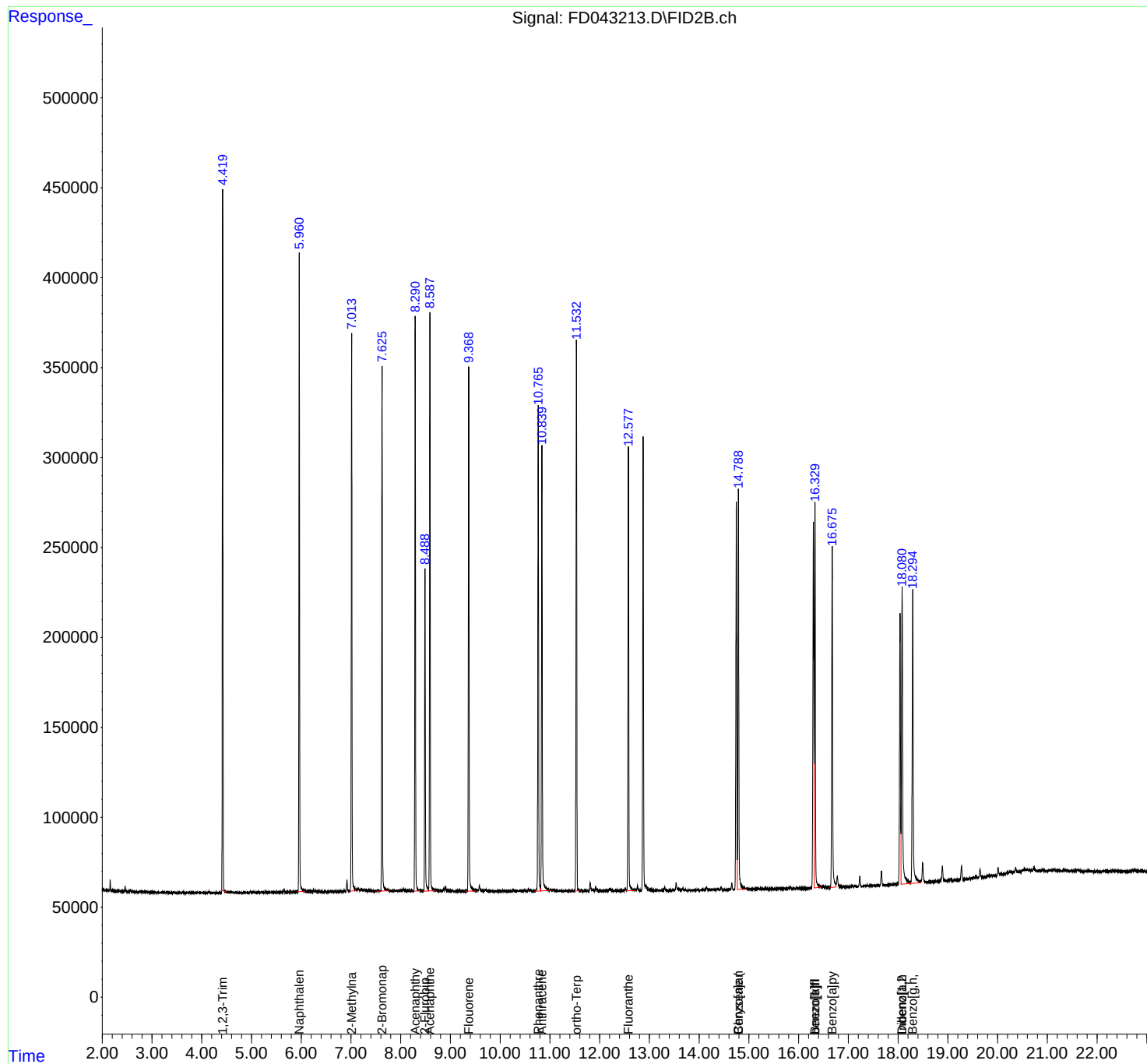
(f)=RT Delta > 1/2 Window

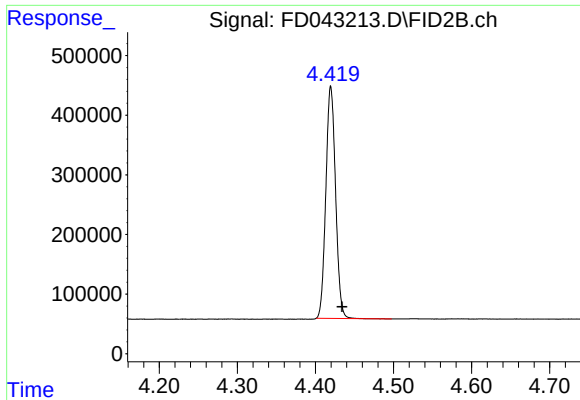
(m)=manual int.

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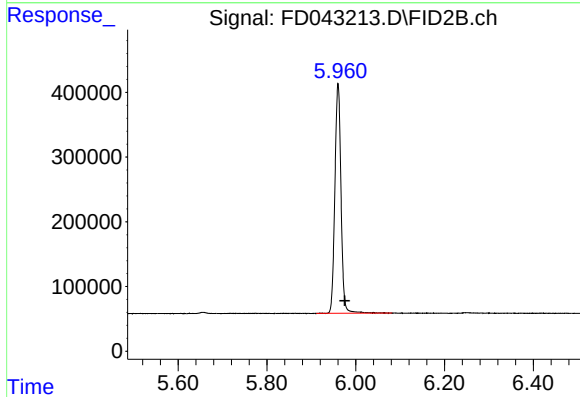
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Signal Info : 20M x 0.18mm x 0.18µm





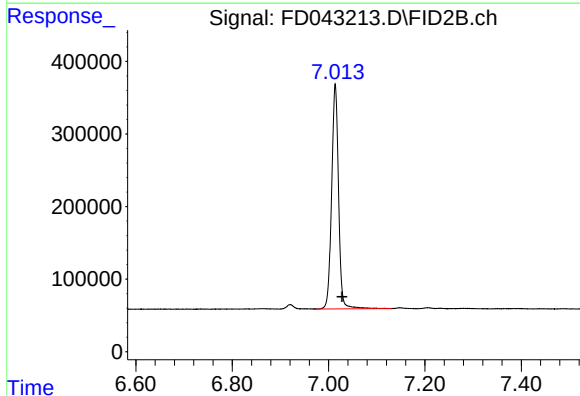
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.420 min
Delta R.T.: -0.014 min
Response: 3370041
Conc: 20.07 ug/ml



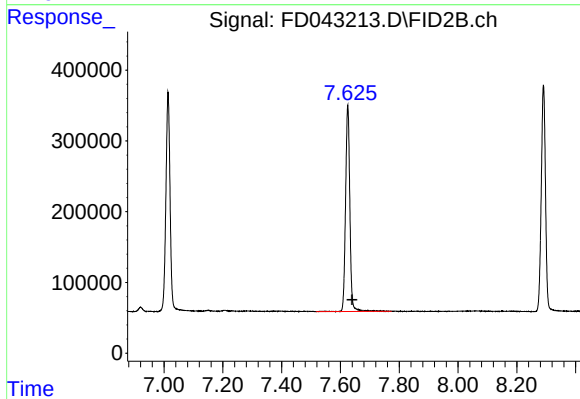
#2 Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.015 min
Response: 3404728
Conc: 19.45 ug/ml



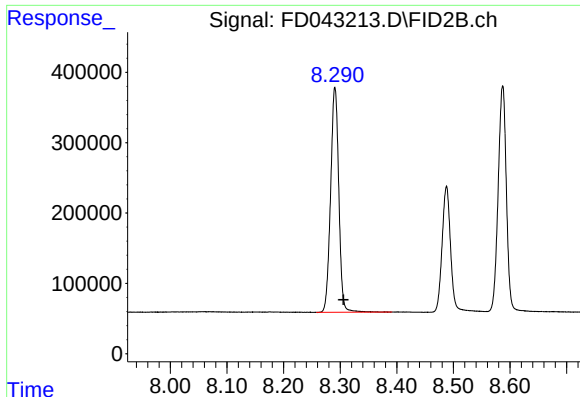
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.014 min
Response: 3078472
Conc: 19.14 ug/ml



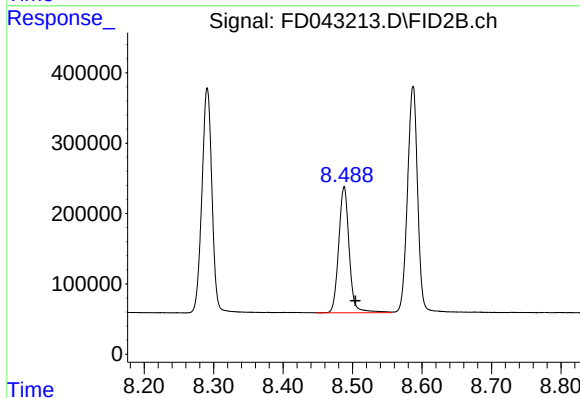
#4 2-Bromonaphthalene (SURR)

R.T.: 7.625 min
Delta R.T.: -0.014 min
Response: 2955855
Conc: 19.14 ug/ml



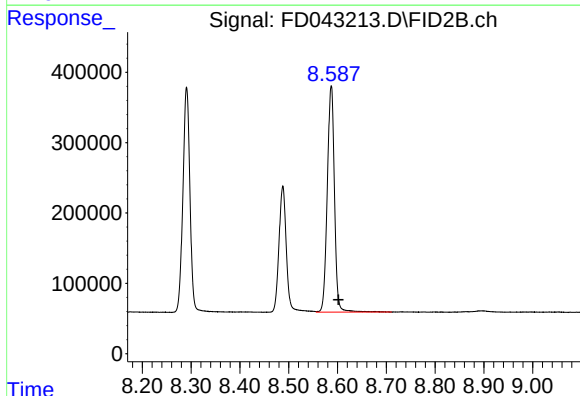
#5 Acenaphthylene (C15.06)

R.T.: 8.291 min
Delta R.T.: -0.015 min
Response: 3211580
Conc: 18.07 ug/ml



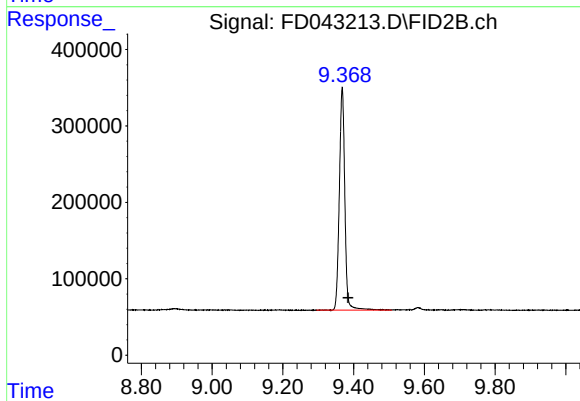
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.488 min
Delta R.T.: -0.016 min
Response: 1887702
Conc: 17.90 ug/ml



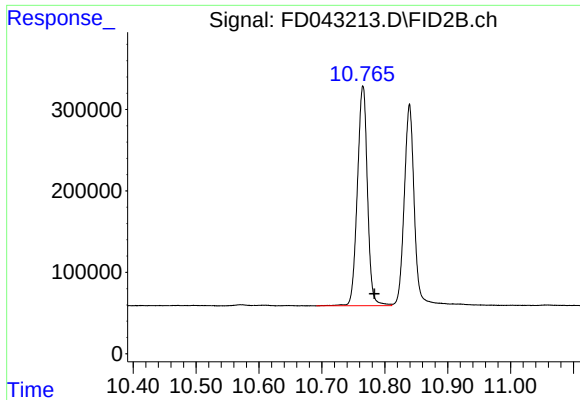
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.015 min
Response: 3291956
Conc: 18.80 ug/ml



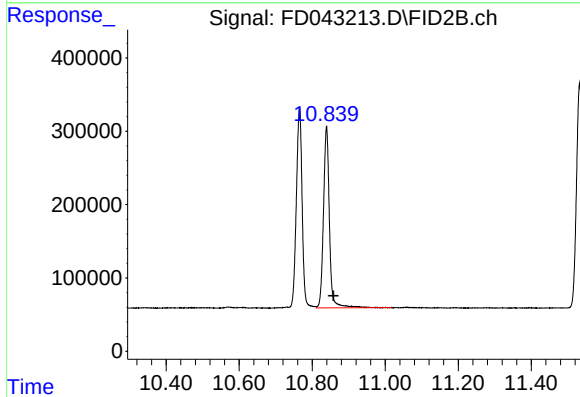
#8 Fluorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.017 min
Response: 3148308
Conc: 18.16 ug/ml



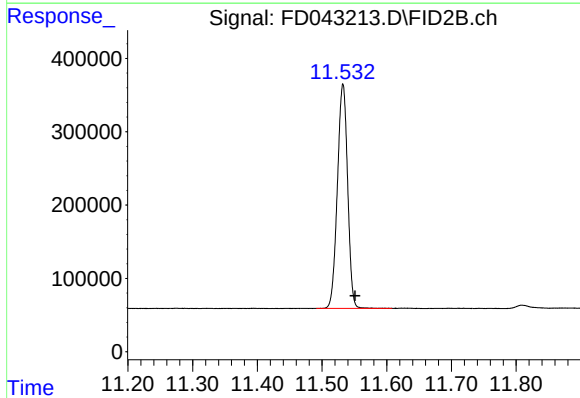
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 3005036
Conc: 17.52 ug/ml



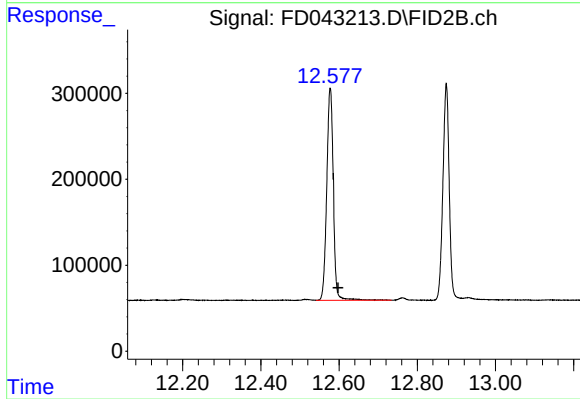
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 2791761
Conc: 16.43 ug/ml



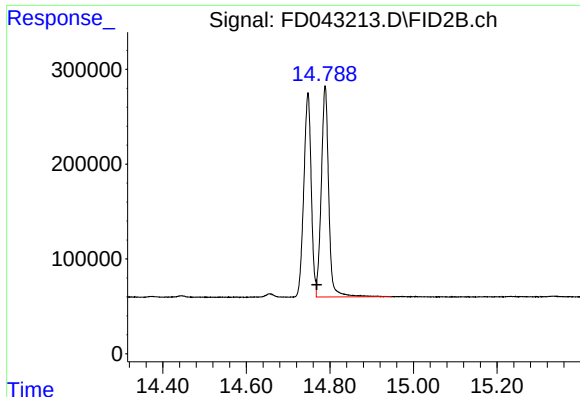
#11 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.019 min
Response: 3360163
Conc: 18.49 ug/ml



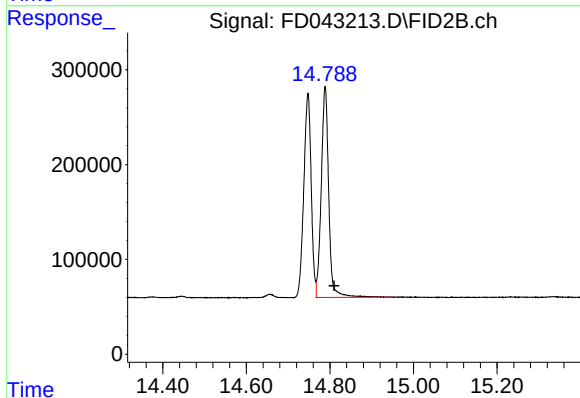
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.020 min
Response: 2904989
Conc: 17.32 ug/ml



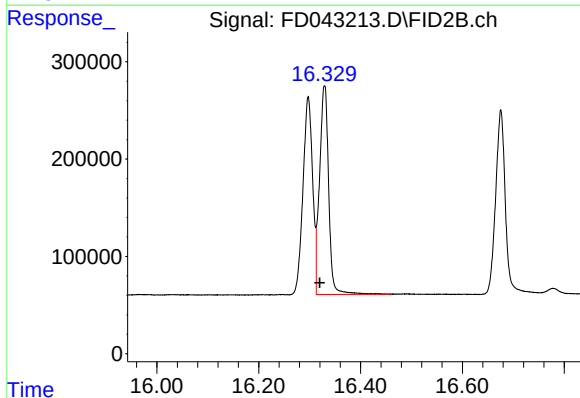
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.789 min
Delta R.T.: 0.020 min
Response: 2763332
Conc: 17.79 ug/ml



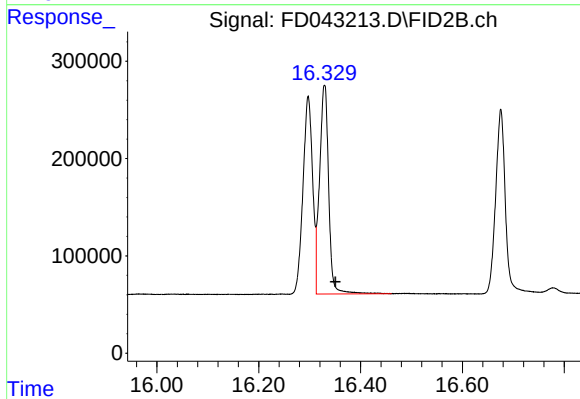
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: -0.021 min
Response: 2763332
Conc: 17.51 ug/ml



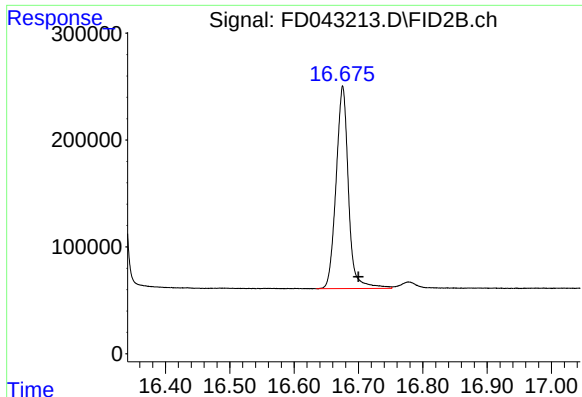
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.329 min
Delta R.T.: 0.009 min
Response: 2678157
Conc: 17.57 ug/ml



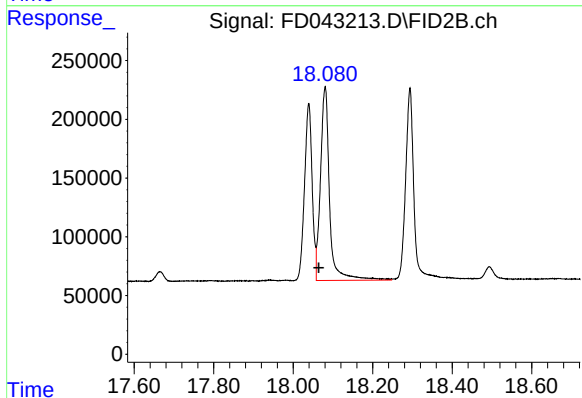
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: -0.022 min
Response: 2678157
Conc: 18.30 ug/ml



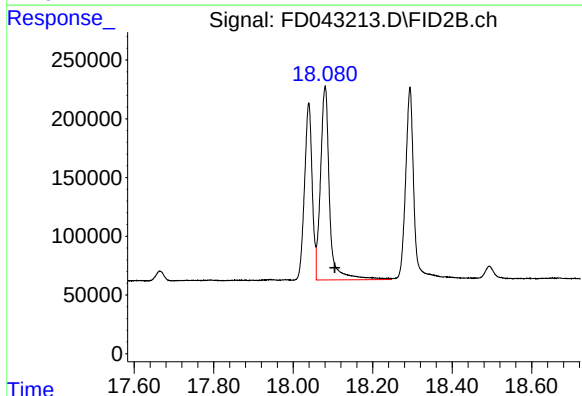
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.025 min
Response: 2530975
Conc: 17.70 ug/ml



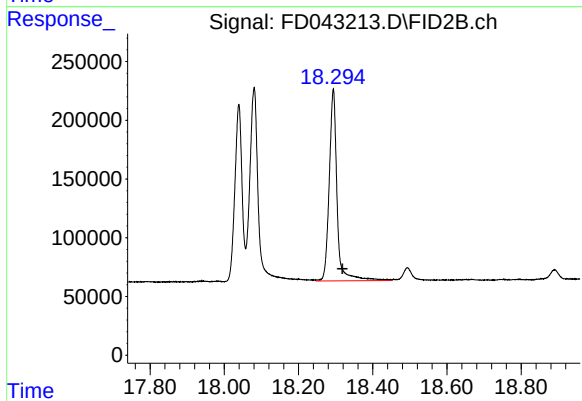
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.080 min
Delta R.T.: 0.016 min
Response: 2617136
Conc: 20.91 ug/ml



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

R.T.: 18.080 min
Delta R.T.: -0.025 min
Response: 2617136
Conc: 19.47 ug/ml



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

R.T.: 18.294 min
Delta R.T.: -0.025 min
Response: 2395253
Conc: 18.36 ug/ml