

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AR\
 Data File : FD043335.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 17:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 19:36:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 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...	7.618	2826284	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
6) S 2-Fluorobiphenyl (SURR)	8.481	1908749	20.078 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.16%
11) S ortho-Terphenyl (SURR)	11.527	3369507	19.880 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.410	3124090	19.919 ug/ml
2) T Naphthalene (C11.7)	5.952	3249565	20.097 ug/ml
3) T 2-Methylnaphthalene (...)	7.006	2933052	20.031 ug/ml
5) T Acenaphthylene (C15.06)	8.283	3227216	19.879 ug/ml
7) T Acenaphthene (C15.5)	8.579	3226678	19.958 ug/ml
8) T Flouorene (C16.55)	9.361	3170444	20.233 ug/ml
9) T Phenanthrene (C19.36)	10.758	3143552	20.058 ug/ml
10) T Anthracene (C19.43)	10.833	3074557	19.962 ug/ml
12) T Fluoranthene (C21.85)	12.571	3126078	19.737 ug/ml
13) T Pyrene (C20.8)	12.869	3099595	19.723 ug/ml
14) T Benzo[a]anthracene (C...	14.743	2961567	20.074 ug/ml
15) T Chrysene (C27.41)	14.784	3066762	19.626 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2979365	19.917 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2953193	19.681 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	2833155	20.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	2330801	19.722 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	2814620	19.844 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2550721	19.614 ug/ml

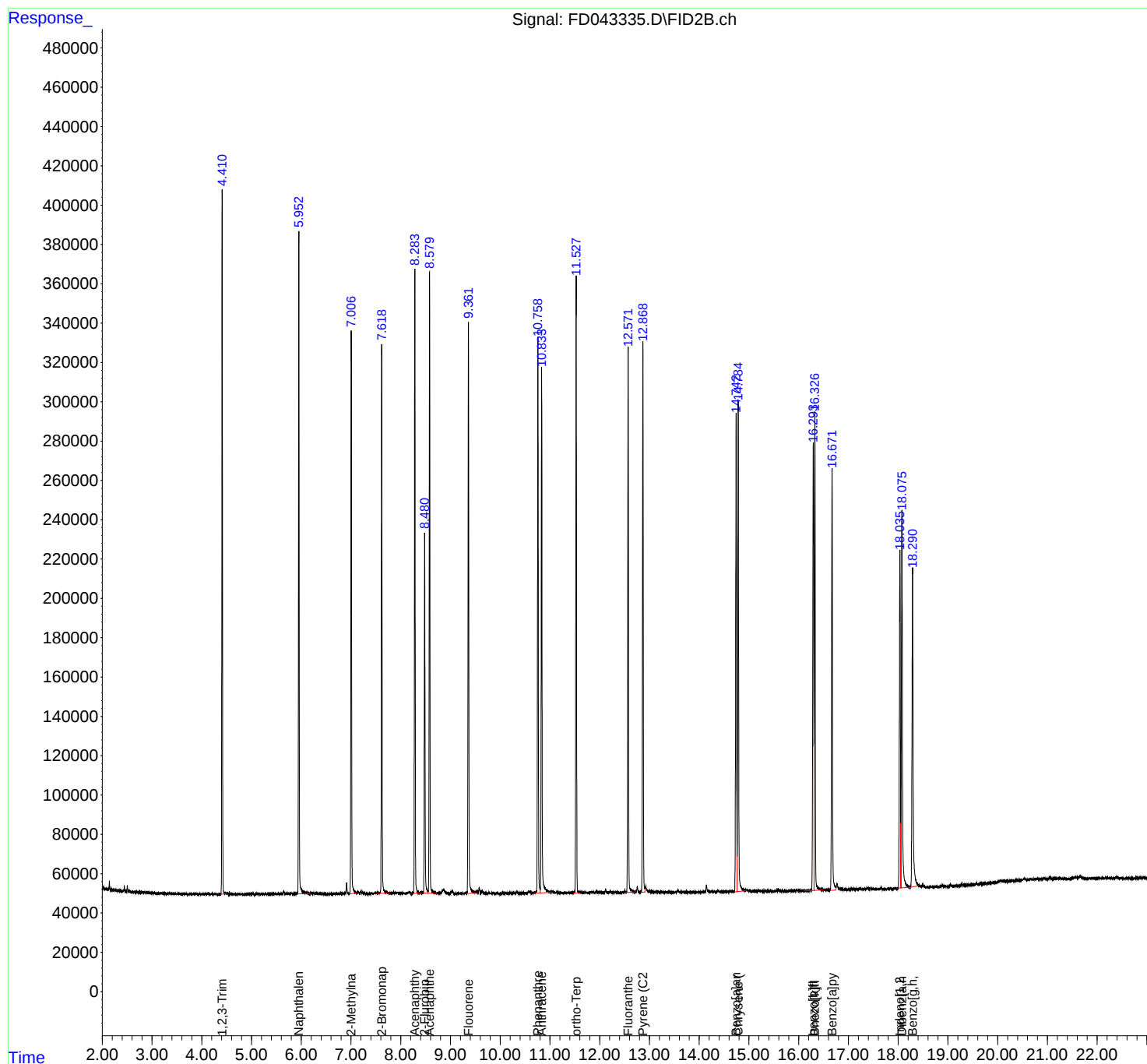
(f)=RT Delta > 1/2 Window

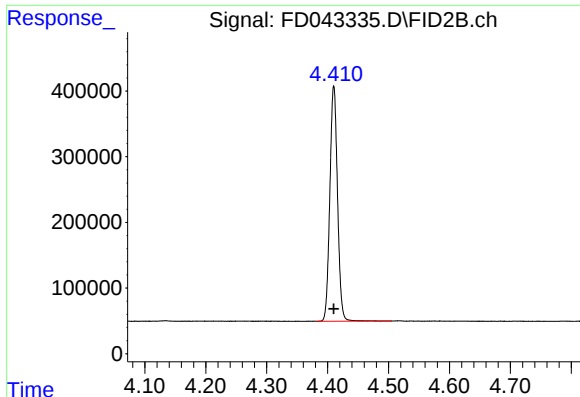
(m)=manual int.

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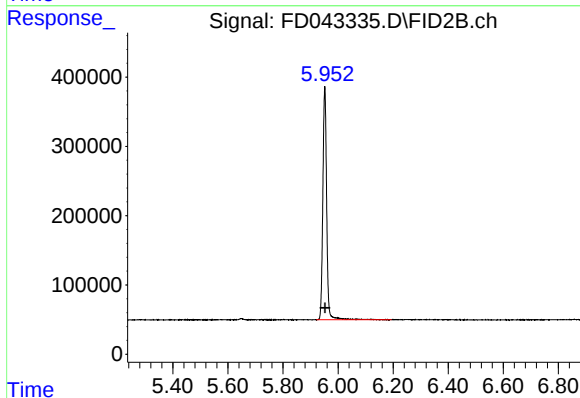
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





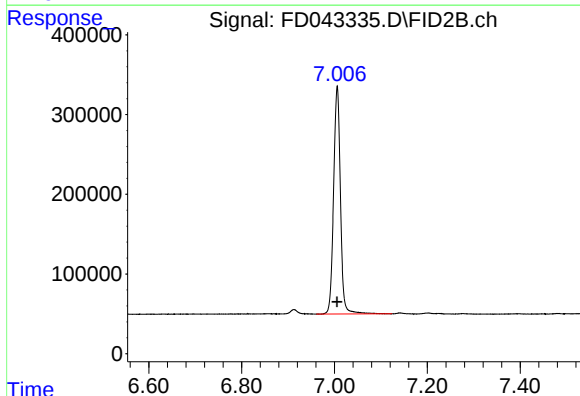
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 3124090
Conc: 19.92 ug/ml



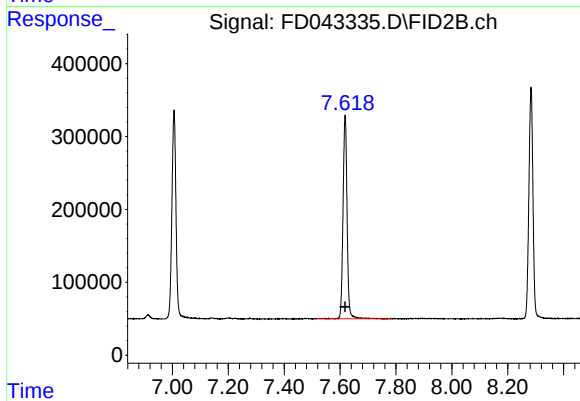
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 3249565
Conc: 20.10 ug/ml



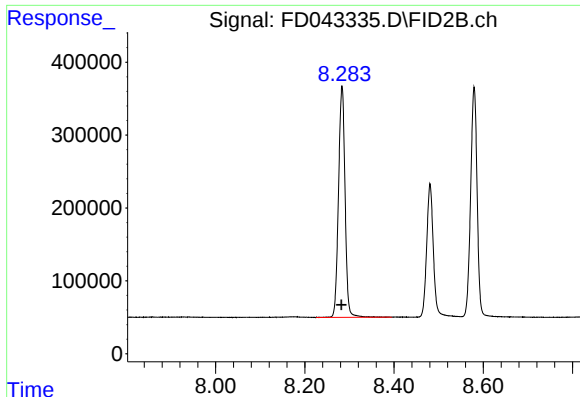
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2933052
Conc: 20.03 ug/ml



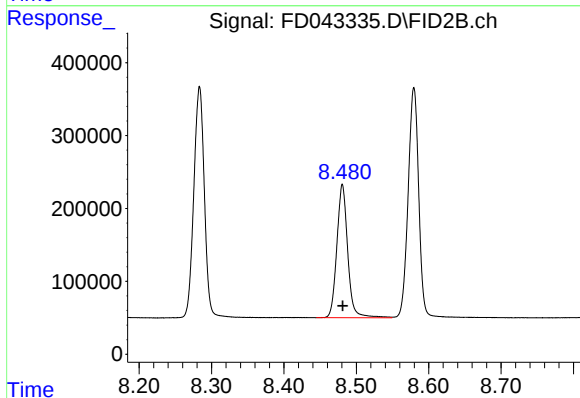
#4 2-Bromonaphthalene (SURR)

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 2826284
Conc: 19.98 ug/ml



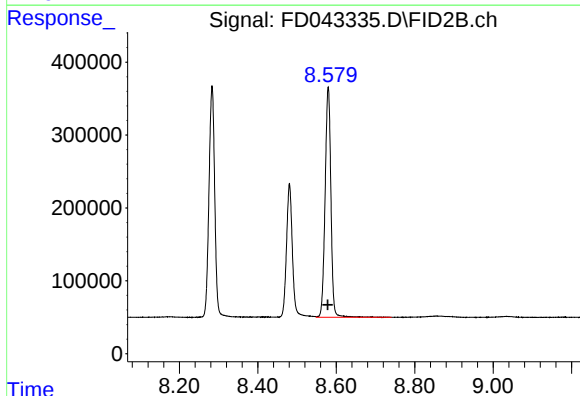
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: 0.001 min
Response: 3227216
Conc: 19.88 ug/ml



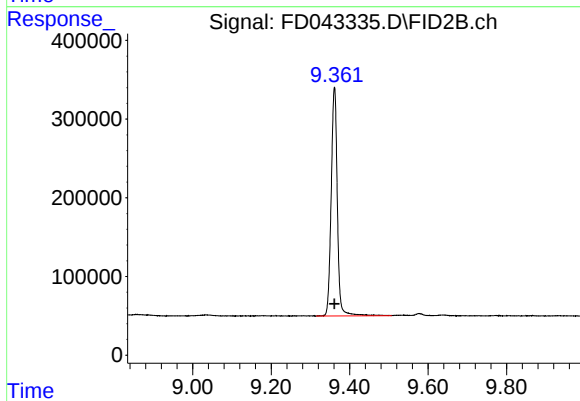
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.481 min
Delta R.T.: 0.000 min
Response: 1908749
Conc: 20.08 ug/ml



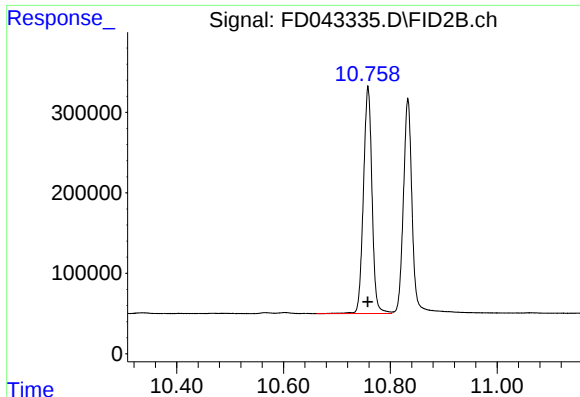
#7 Acenaphthene (C15.5)

R.T.: 8.579 min
Delta R.T.: 0.001 min
Response: 3226678
Conc: 19.96 ug/ml



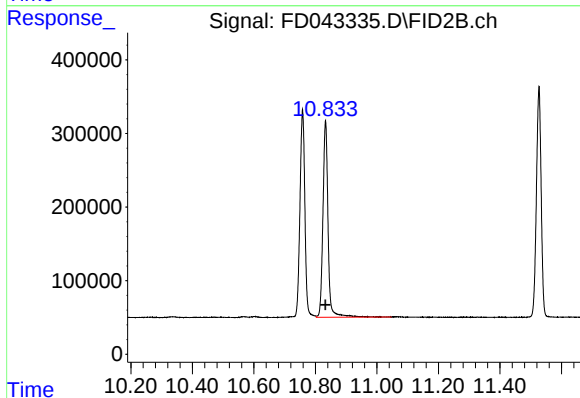
#8 Fluorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 3170444
Conc: 20.23 ug/ml



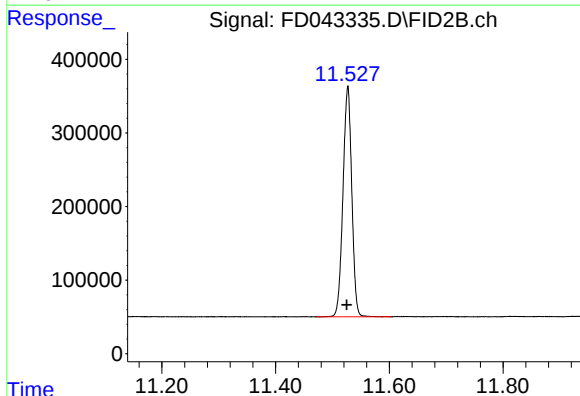
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: 0.000 min
Response: 3143552
Conc: 20.06 ug/ml



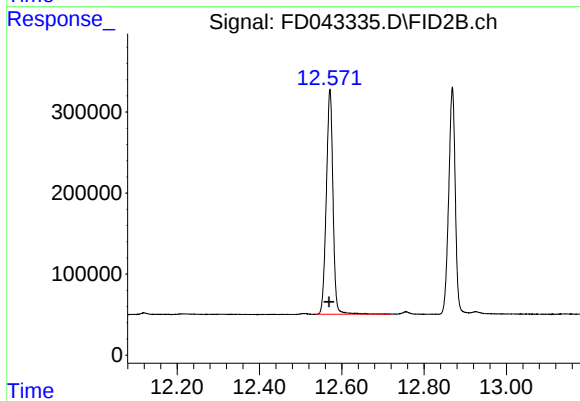
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: 0.000 min
Response: 3074557
Conc: 19.96 ug/ml



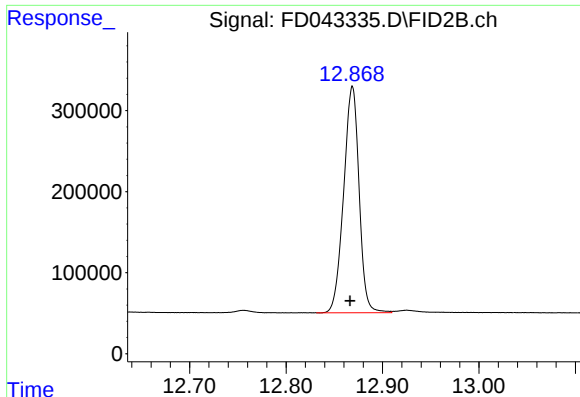
#11 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: 0.002 min
Response: 3369507
Conc: 19.88 ug/ml



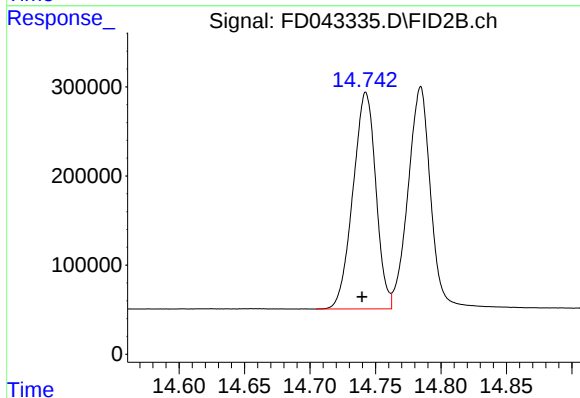
#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: 0.002 min
Response: 3126078
Conc: 19.74 ug/ml



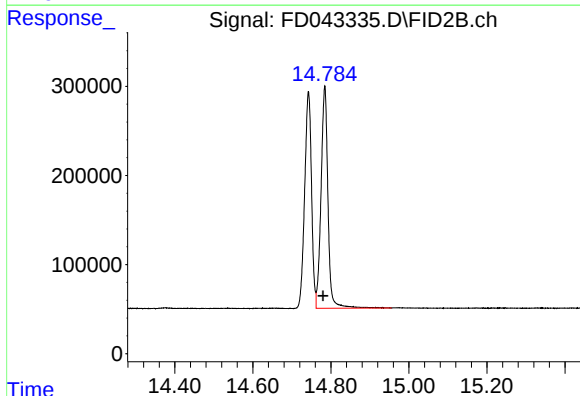
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 3099595
Conc: 19.72 ug/ml



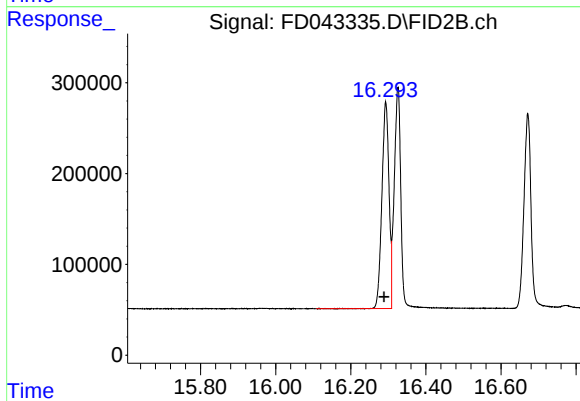
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.003 min
Response: 2961567
Conc: 20.07 ug/ml



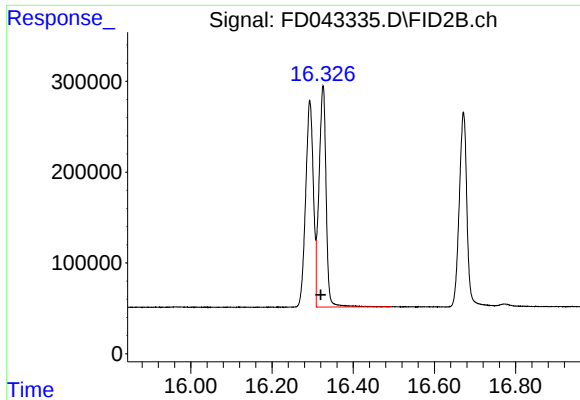
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.004 min
Response: 3066762
Conc: 19.63 ug/ml



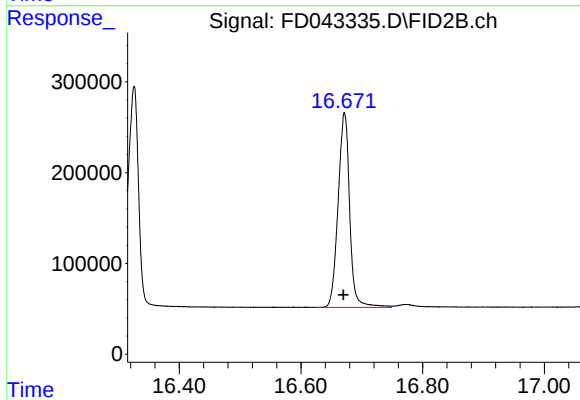
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.293 min
Delta R.T.: 0.004 min
Response: 2979365
Conc: 19.92 ug/ml



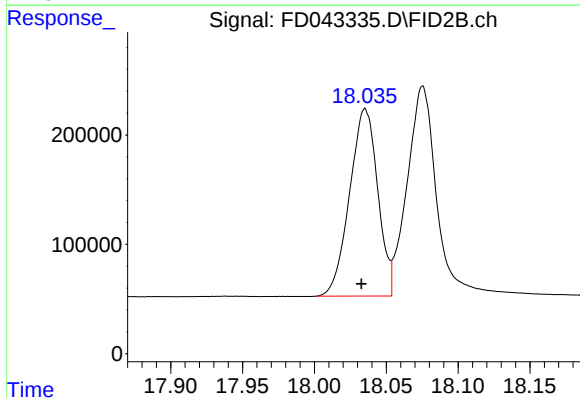
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: 0.006 min
Response: 2953193
Conc: 19.68 ug/ml



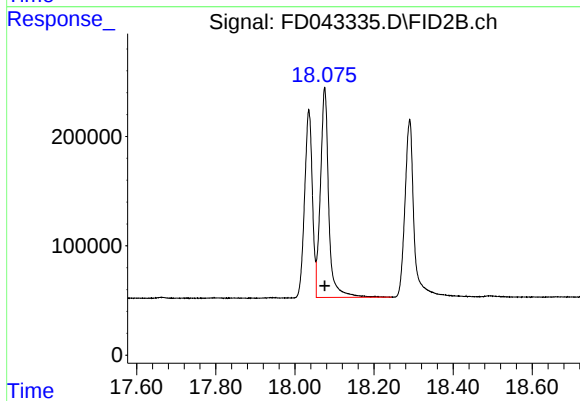
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.002 min
Response: 2833155
Conc: 20.04 ug/ml



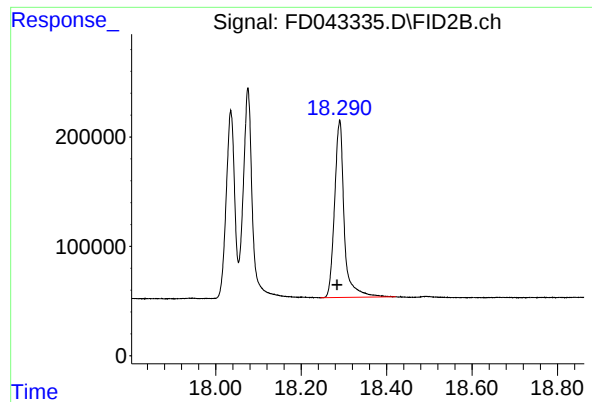
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.003 min
Response: 2330801
Conc: 19.72 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 2814620
Conc: 19.84 ug/ml



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

R.T.: 18.290 min
Delta R.T.: 0.006 min
Response: 2550721
Conc: 19.61 ug/ml