

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AR\
 Data File : FD043446.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 19:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 03:28:23 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...	7.620	2863565	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
6) S 2-Fluorobiphenyl (SURR)	8.484	1949618	20.508 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.02%
11) S ortho-Terphenyl (SURR)	11.529	3383080	19.960 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	3199038	20.397 ug/ml
2) T Naphthalene (C11.7)	5.955	3290133	20.348 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	3013546	20.581 ug/ml
5) T Acenaphthylene (C15.06)	8.286	3237658	19.944 ug/ml
7) T Acenaphthene (C15.5)	8.582	3262719	20.181 ug/ml
8) T Fluorene (C16.55)	9.364	3216282	20.525 ug/ml
9) T Phenanthrene (C19.36)	10.762	3138052	20.023 ug/ml
10) T Anthracene (C19.43)	10.837	2810013	18.245 ug/ml
12) T Fluoranthene (C21.85)	12.577	3112680	19.653 ug/ml
13) T Pyrene (C20.8)	12.874	3081194	19.606 ug/ml
14) T Benzo[a]anthracene (C...	14.750	2938878	19.920 ug/ml
15) T Chrysene (C27.41)	14.791	3003235	19.219 ug/ml
16) T benzo[b]fluoranthene ...	16.303	3008821	20.114 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	2943784	19.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2859163	20.228 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.049	2524345	21.359 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	2848476	20.082 ug/ml
21) T Benzo[g,h,i]perylene ...	18.302	2683971	20.639 ug/ml

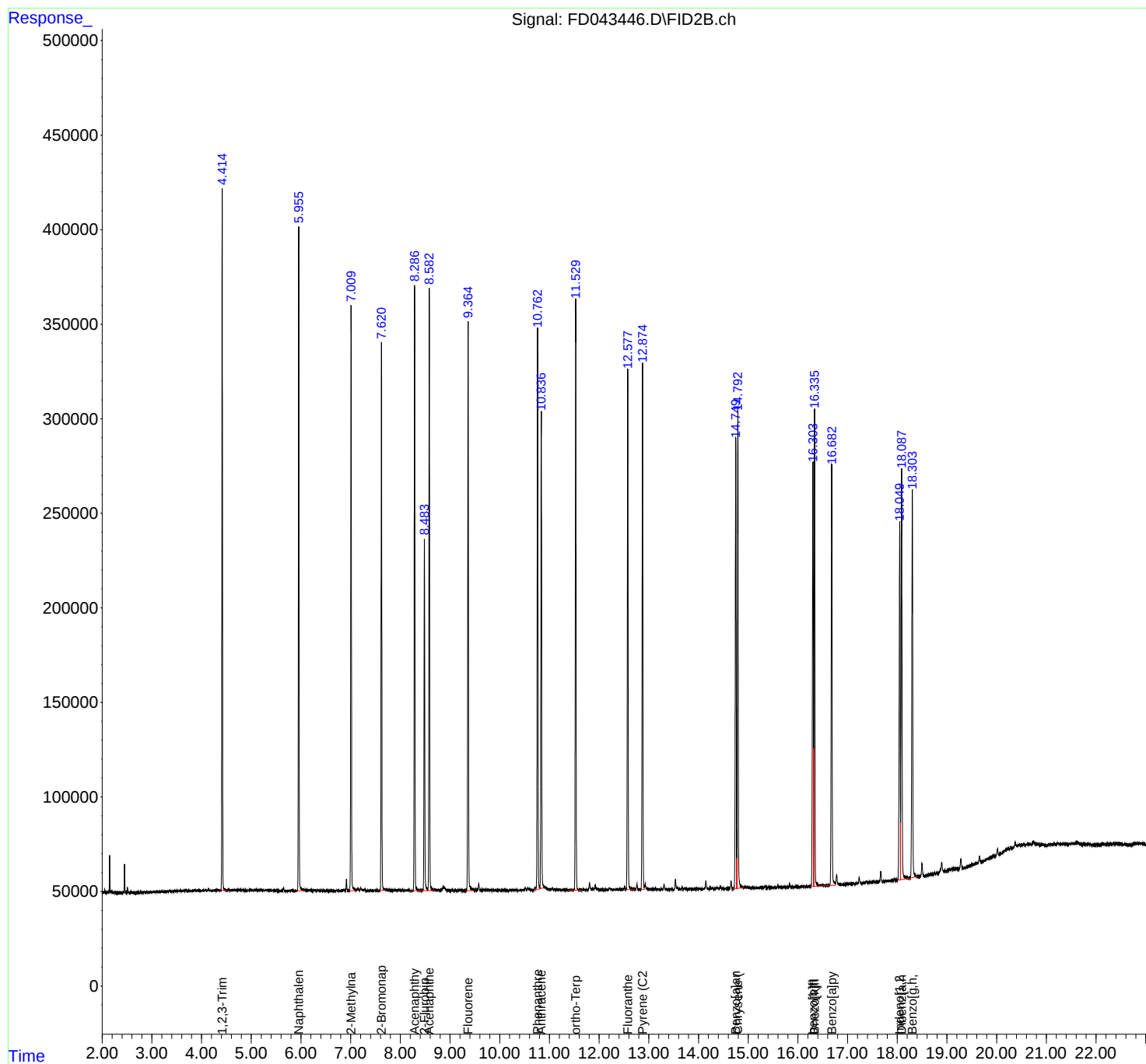
(f)=RT Delta > 1/2 Window

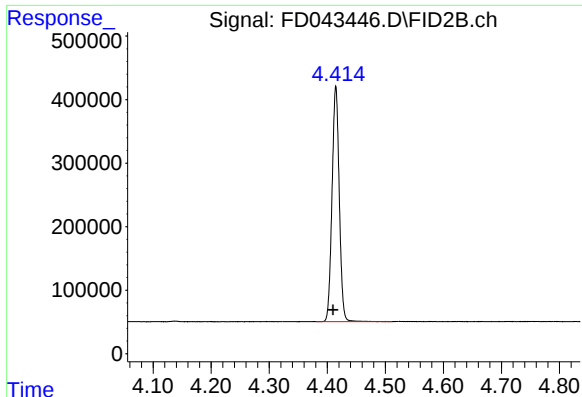
(m)=manual int.

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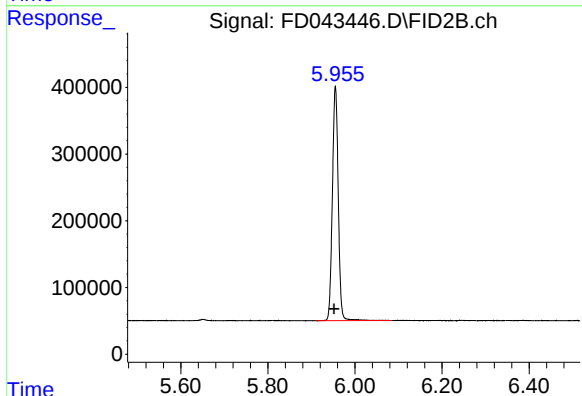
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





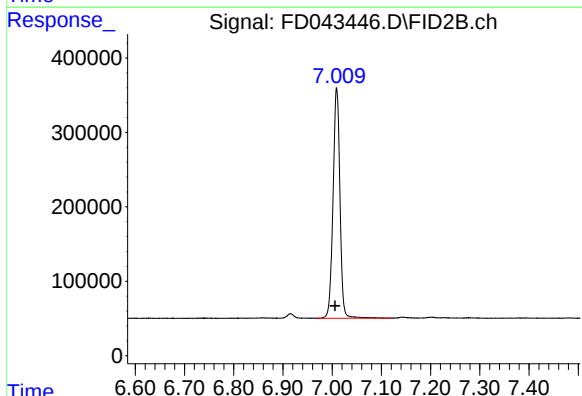
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: 0.005 min
Response: 3199038
Conc: 20.40 ug/ml



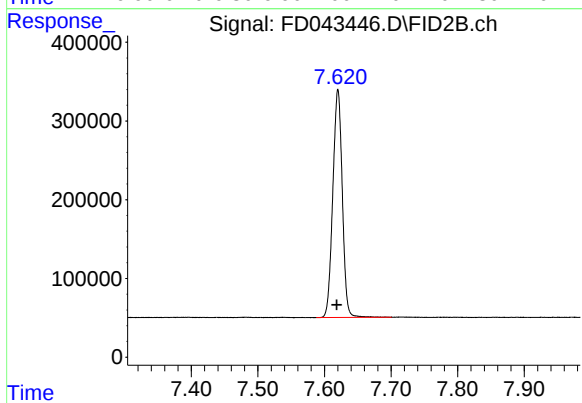
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 3290133
Conc: 20.35 ug/ml



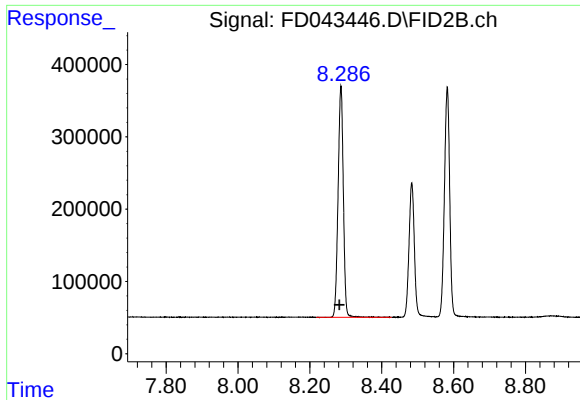
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: 0.003 min
Response: 3013546
Conc: 20.58 ug/ml



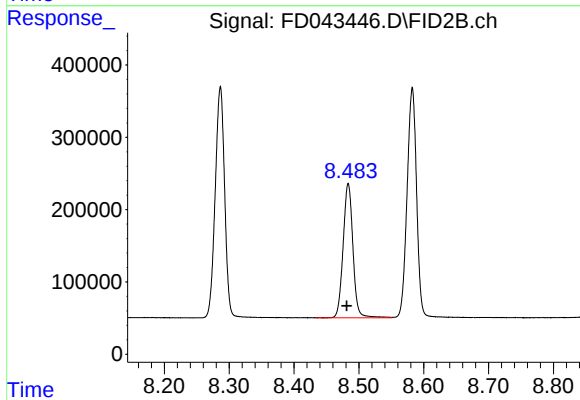
#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min
Delta R.T.: 0.002 min
Response: 2863565
Conc: 20.24 ug/ml



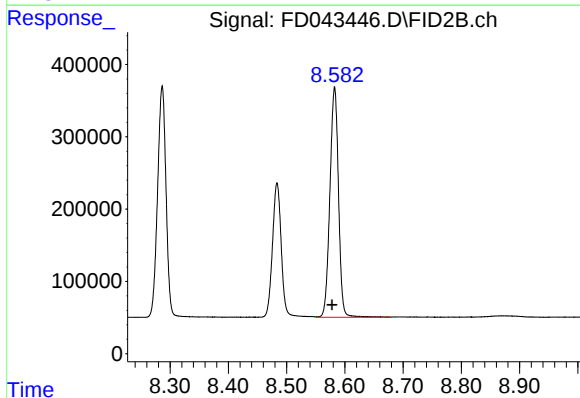
#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: 0.004 min
Response: 3237658
Conc: 19.94 ug/ml



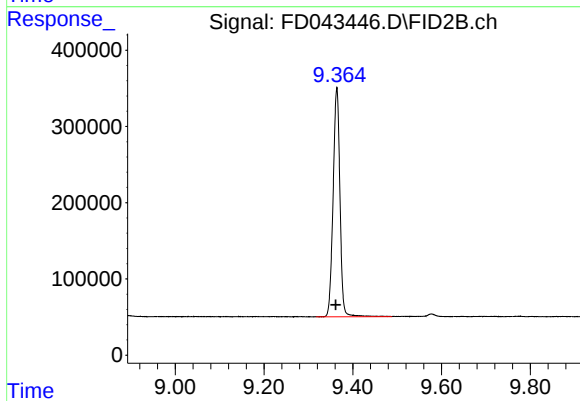
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: 0.002 min
Response: 1949618
Conc: 20.51 ug/ml



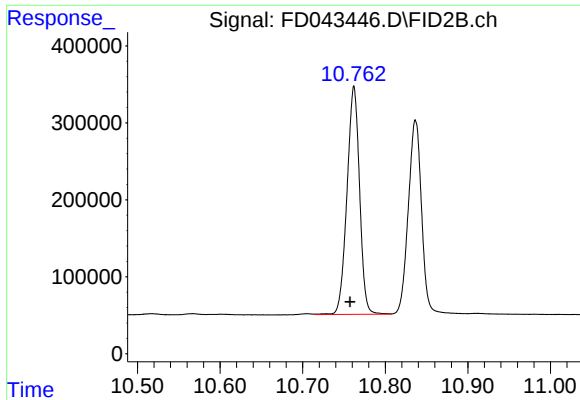
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: 0.004 min
Response: 3262719
Conc: 20.18 ug/ml



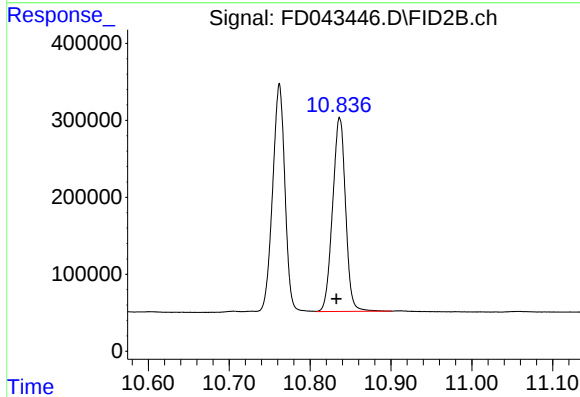
#8 Fluorene (C16.55)

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 3216282
Conc: 20.53 ug/ml



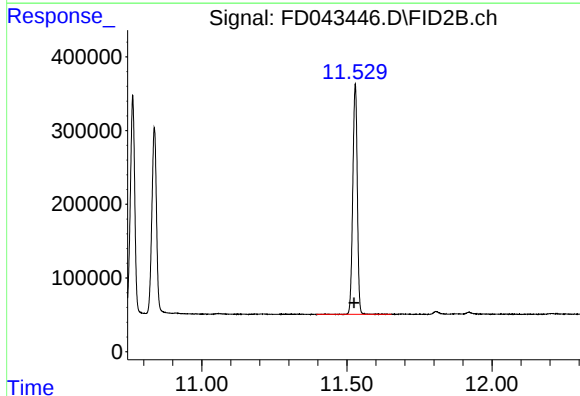
#9 Phenanthrene (C19.36)

R.T.: 10.762 min
Delta R.T.: 0.004 min
Response: 3138052
Conc: 20.02 ug/ml



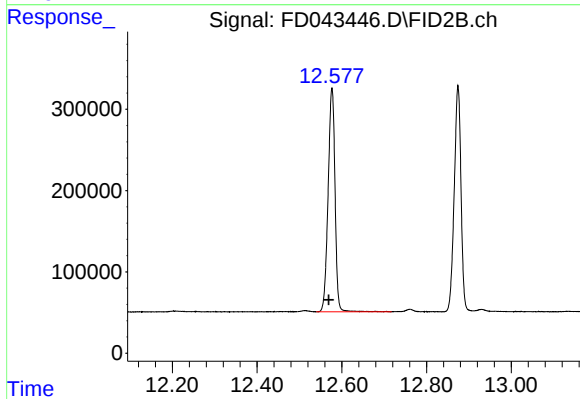
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: 0.004 min
Response: 2810013
Conc: 18.24 ug/ml



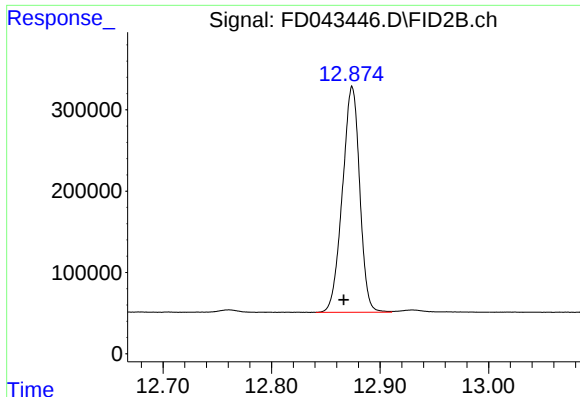
#11 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: 0.004 min
Response: 3383080
Conc: 19.96 ug/ml



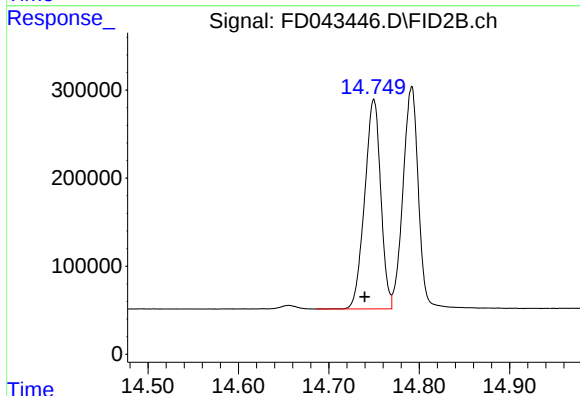
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: 0.007 min
Response: 3112680
Conc: 19.65 ug/ml



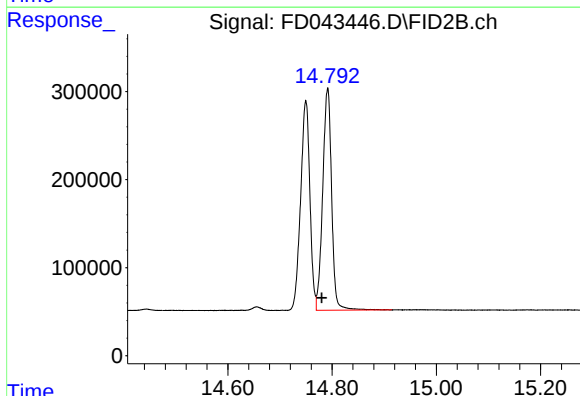
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: 0.008 min
Response: 3081194
Conc: 19.61 ug/ml



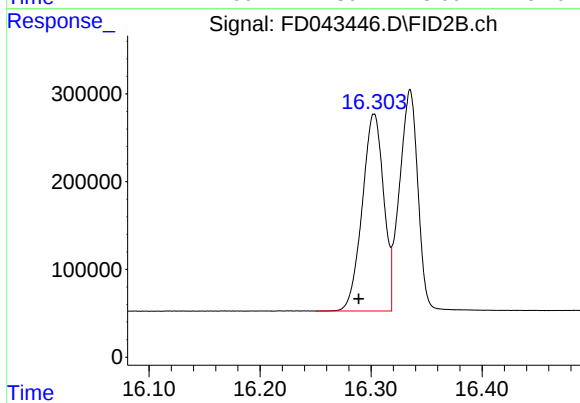
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: 0.010 min
Response: 2938878
Conc: 19.92 ug/ml



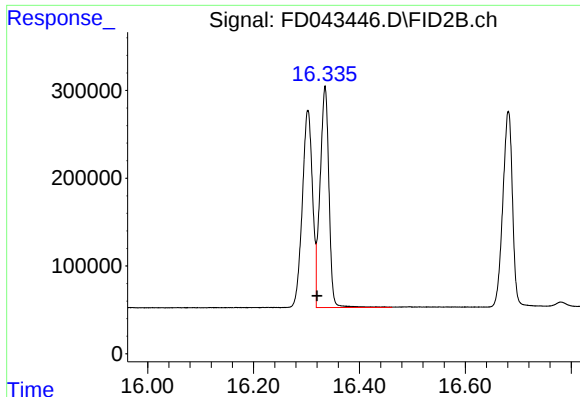
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: 0.011 min
Response: 3003235
Conc: 19.22 ug/ml



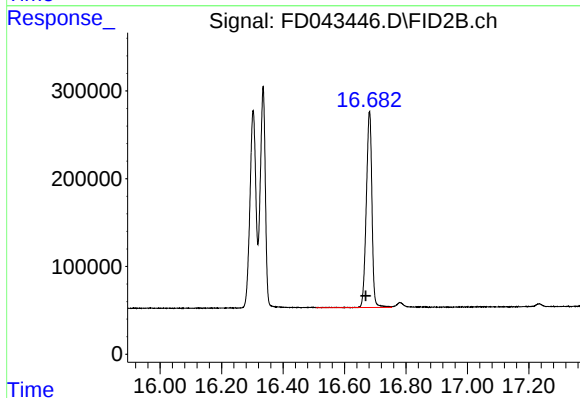
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.303 min
Delta R.T.: 0.014 min
Response: 3008821
Conc: 20.11 ug/ml



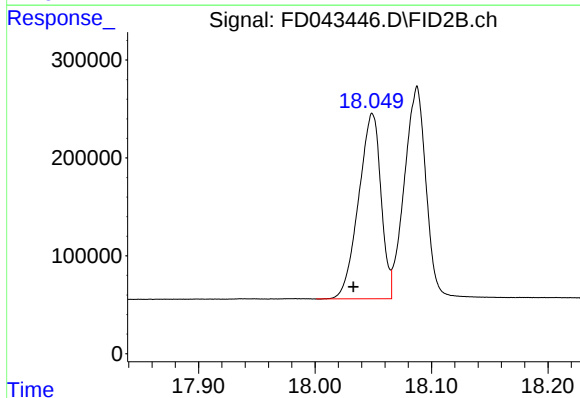
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: 0.015 min
Response: 2943784
Conc: 19.62 ug/ml



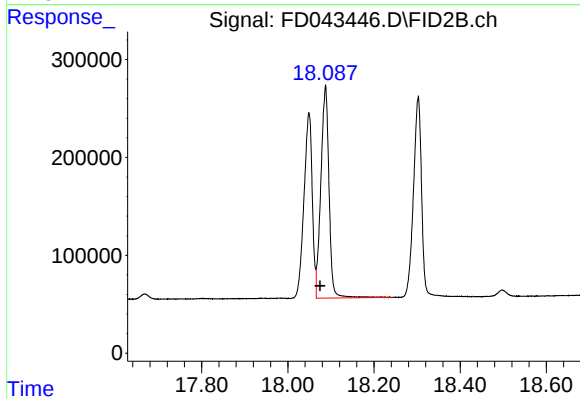
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.011 min
Response: 2859163
Conc: 20.23 ug/ml



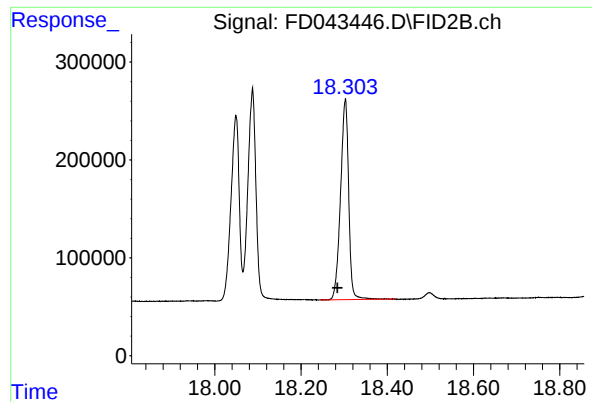
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.049 min
Delta R.T.: 0.016 min
Response: 2524345
Conc: 21.36 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.012 min
Response: 2848476
Conc: 20.08 ug/ml



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

R.T.: 18.302 min
Delta R.T.: 0.018 min
Response: 2683971
Conc: 20.64 ug/ml