

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080122AR\
 Data File : FD043435.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2022 10:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 02 03:26:11 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...	7.621	2651250	18.743 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
6) S 2-Fluorobiphenyl (SURR)	8.485	1802804	18.964 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.93%
11) S ortho-Terphenyl (SURR)	11.530	3090542	18.234 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	2951216	18.817 ug/ml
2) T Naphthalene (C11.7)	5.956	3045914	18.838 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	2785907	19.026 ug/ml
5) T Acenaphthylene (C15.06)	8.287	2990303	18.420 ug/ml
7) T Acenaphthene (C15.5)	8.584	3016766	18.660 ug/ml
8) T Fluorene (C16.55)	9.366	2950939	18.832 ug/ml
9) T Phenanthrene (C19.36)	10.764	2898161	18.492 ug/ml
10) T Anthracene (C19.43)	10.838	2619658	17.009 ug/ml
12) T Fluoranthene (C21.85)	12.578	2859554	18.054 ug/ml
13) T Pyrene (C20.8)	12.875	2845709	18.107 ug/ml
14) T Benzo[a]anthracene (C...	14.749	2722416	18.453 ug/ml
15) T Chrysene (C27.41)	14.792	2774239	17.754 ug/ml
16) T benzo[b]fluoranthene ...	16.303	2846396	19.029 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	2758476	18.383 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2713982	19.201 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	2486520	21.039 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	2759579	19.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	2648322	20.365 ug/ml

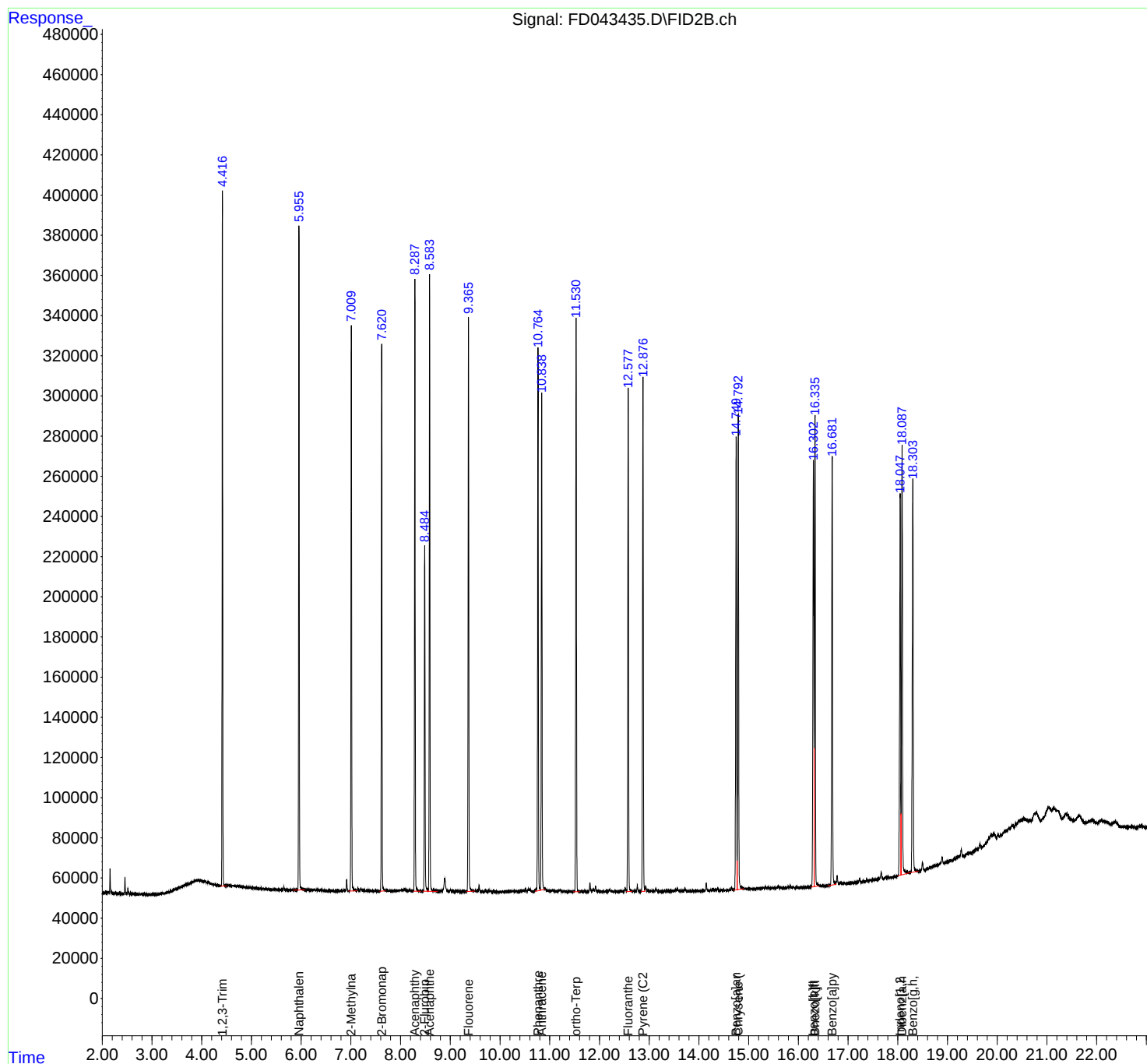
(f)=RT Delta > 1/2 Window

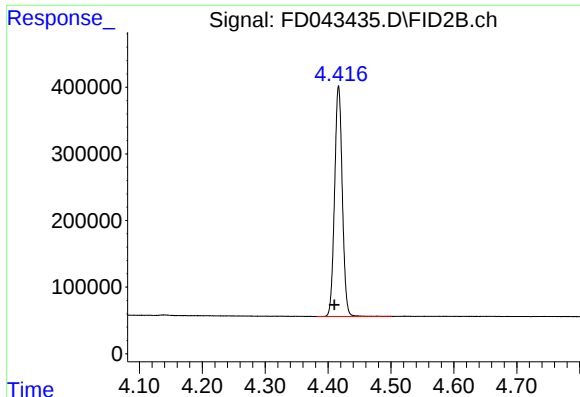
(m)=manual int.

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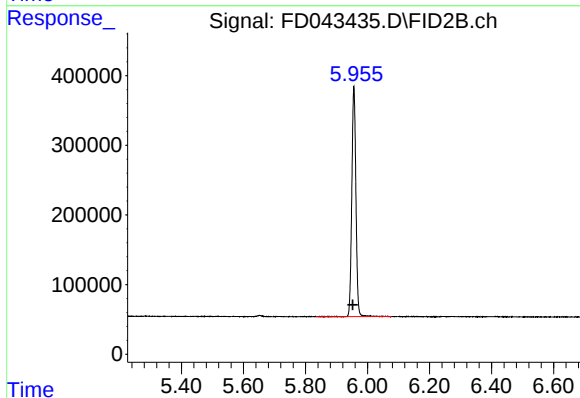
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Signal Info : 20M x 0.18mm x 0.18µm





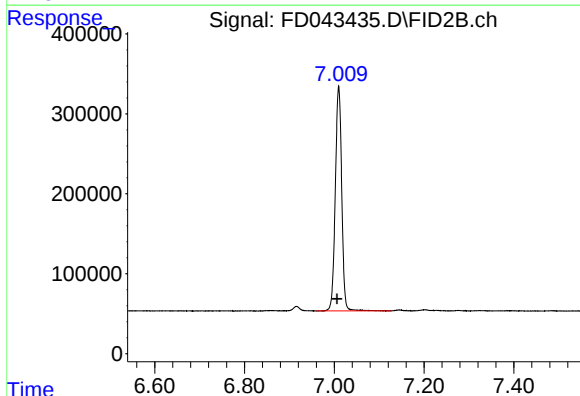
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2951216
Conc: 18.82 ug/ml



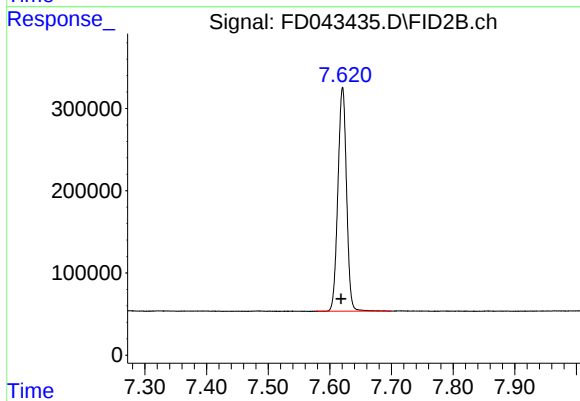
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.004 min
Response: 3045914
Conc: 18.84 ug/ml



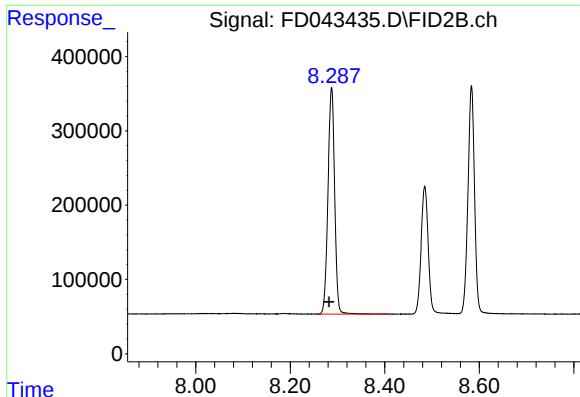
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: 0.004 min
Response: 2785907
Conc: 19.03 ug/ml



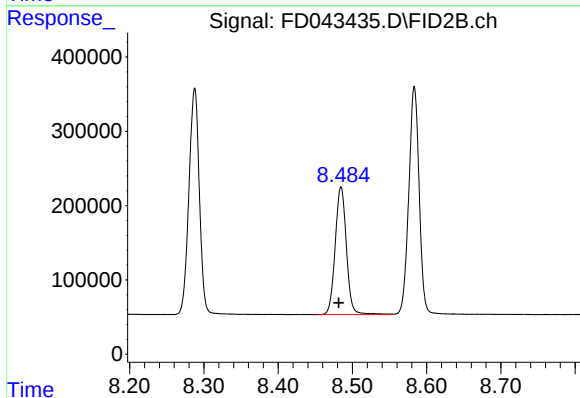
#4 2-Bromonaphthalene (SURR)

R.T.: 7.621 min
Delta R.T.: 0.002 min
Response: 2651250
Conc: 18.74 ug/ml



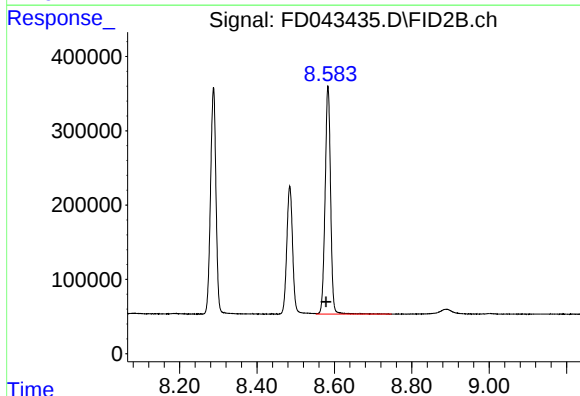
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: 0.005 min
Response: 2990303
Conc: 18.42 ug/ml



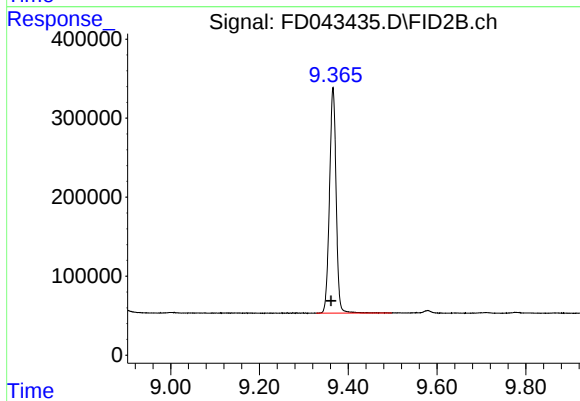
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: 0.003 min
Response: 1802804
Conc: 18.96 ug/ml



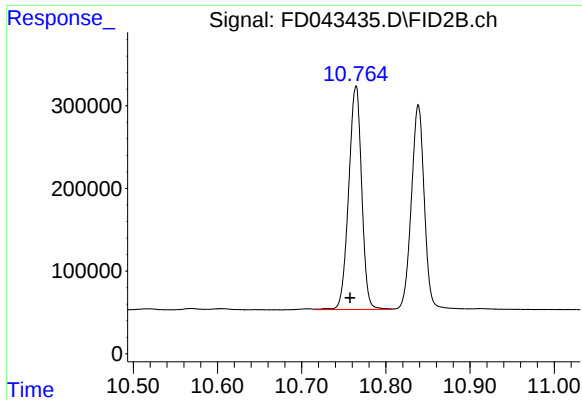
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: 0.005 min
Response: 3016766
Conc: 18.66 ug/ml



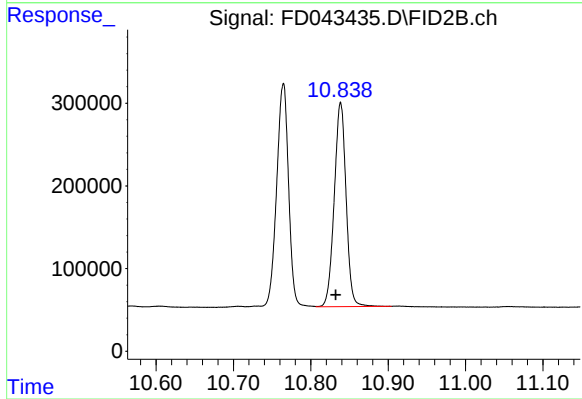
#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: 0.004 min
Response: 2950939
Conc: 18.83 ug/ml



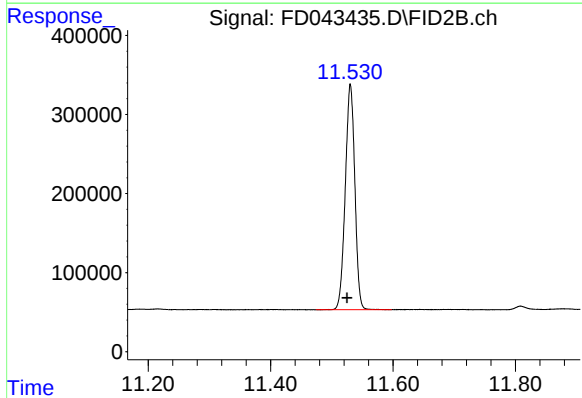
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: 0.007 min
Response: 2898161
Conc: 18.49 ug/ml



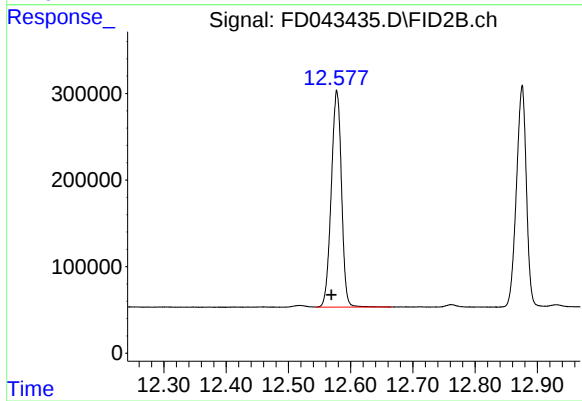
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: 0.006 min
Response: 2619658
Conc: 17.01 ug/ml



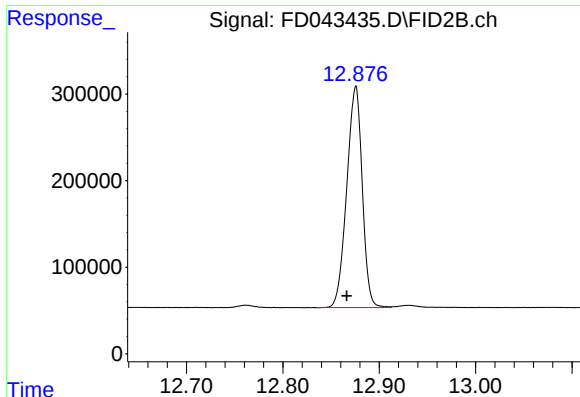
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.005 min
Response: 3090542
Conc: 18.23 ug/ml



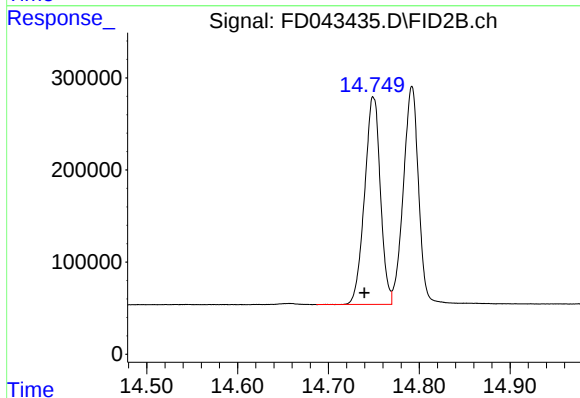
#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: 0.009 min
Response: 2859554
Conc: 18.05 ug/ml



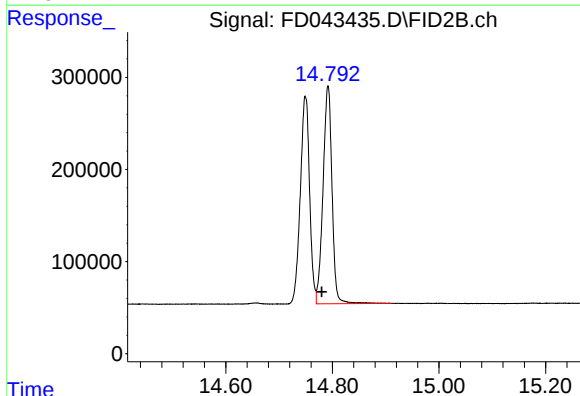
#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: 0.009 min
Response: 2845709
Conc: 18.11 ug/ml



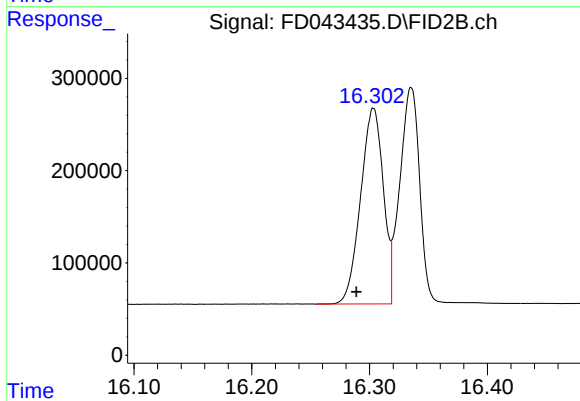
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.749 min
Delta R.T.: 0.010 min
Response: 2722416
Conc: 18.45 ug/ml



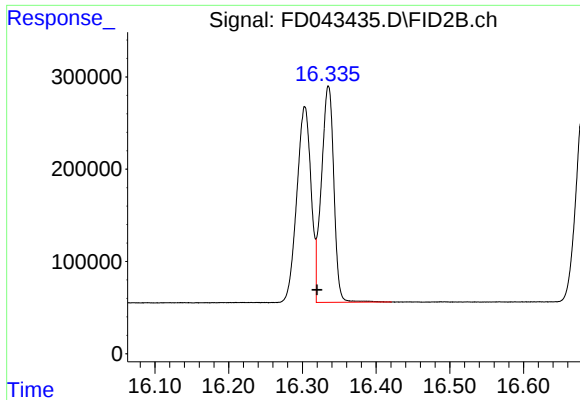
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: 0.012 min
Response: 2774239
Conc: 17.75 ug/ml



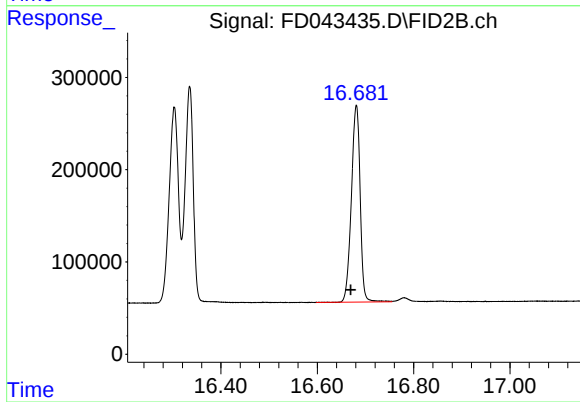
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.303 min
Delta R.T.: 0.014 min
Response: 2846396
Conc: 19.03 ug/ml



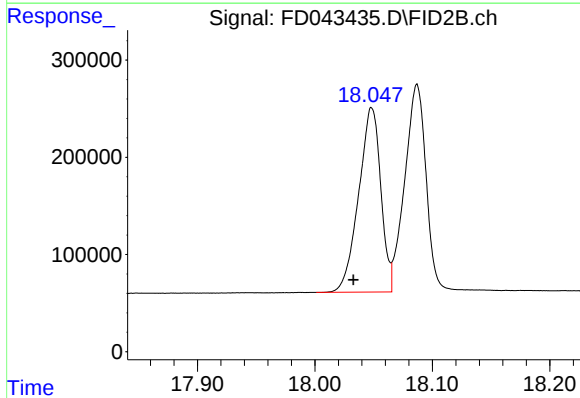
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: 0.015 min
Response: 2758476
Conc: 18.38 ug/ml



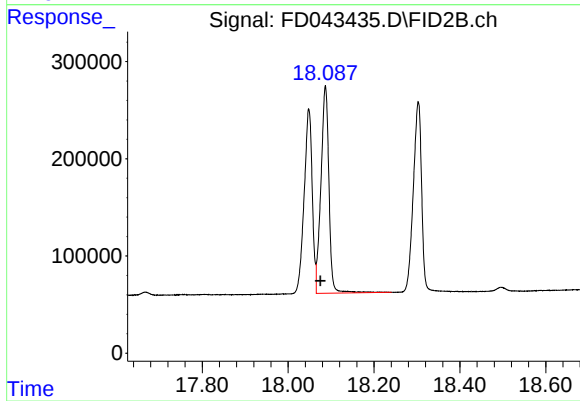
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.011 min
Response: 2713982
Conc: 19.20 ug/ml



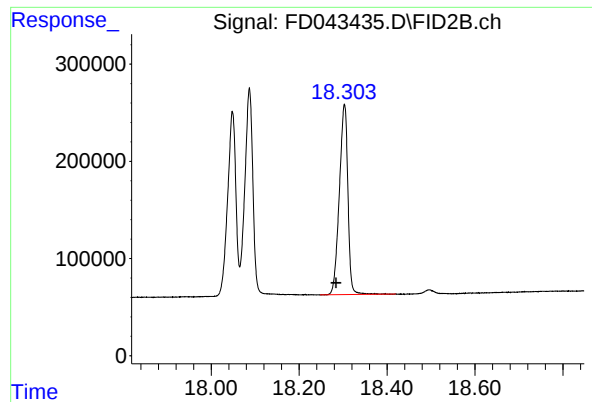
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: 0.015 min
Response: 2486520
Conc: 21.04 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.012 min
Response: 2759579
Conc: 19.46 ug/ml



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

R.T.: 18.303 min
Delta R.T.: 0.019 min
Response: 2648322
Conc: 20.36 ug/ml