

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080922AR\
 Data File : FD043520.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2022 09:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 11:15:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.613	2875827	20.331 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.477	1947235	20.483 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.97%
11) S ortho-Terphenyl (SURR)	11.524	3267798	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.409	3290146	20.978 ug/ml
2) T Naphthalene (C11.7)	5.948	3365053	20.812 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	3028876	20.686 ug/ml
5) T Acenaphthylene (C15.06)	8.279	3200663	19.716 ug/ml
7) T Acenaphthene (C15.5)	8.575	3290551	20.353 ug/ml
8) T Flouorene (C16.55)	9.358	3170829	20.235 ug/ml
9) T Phenanthrene (C19.36)	10.756	3026717	19.313 ug/ml
10) T Anthracene (C19.43)	10.830	2510105	16.298 ug/ml
12) T Fluoranthene (C21.85)	12.570	2969736	18.750 ug/ml
13) T Pyrene (C20.8)	12.867	2899297	18.448 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2776707	18.821 ug/ml
15) T Chrysene (C27.41)	14.784	3095259	19.808 ug/ml
16) T benzo[b]fluoranthene ...	16.295	2961534	19.798 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2935017	19.560 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2709500	19.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	2548433	21.563 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	3146526	22.184 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	2767389	21.280 ug/ml

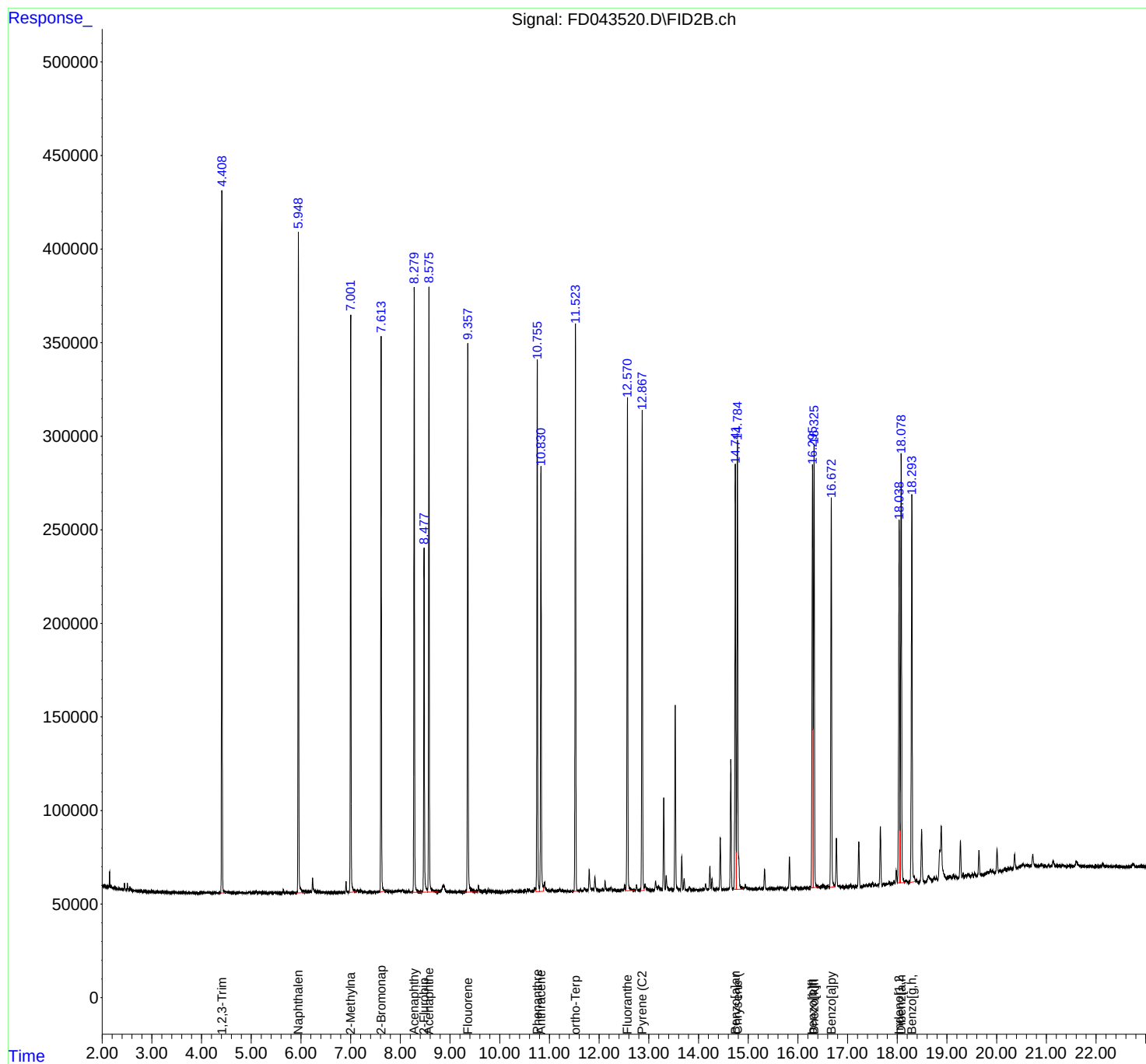
(f)=RT Delta > 1/2 Window

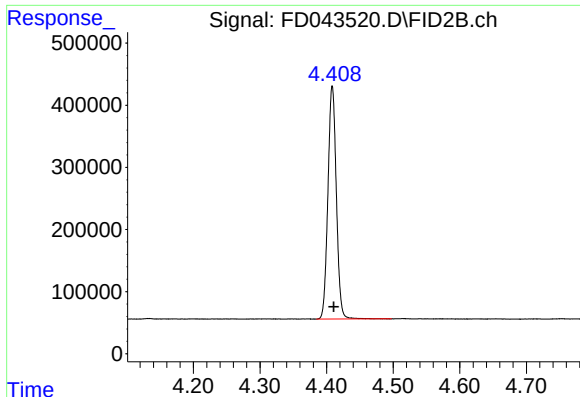
(m)=manual int.

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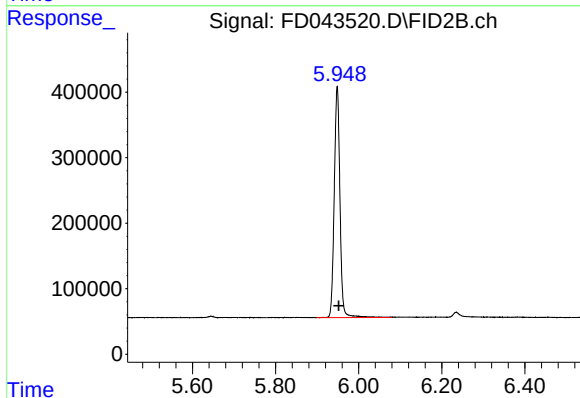
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





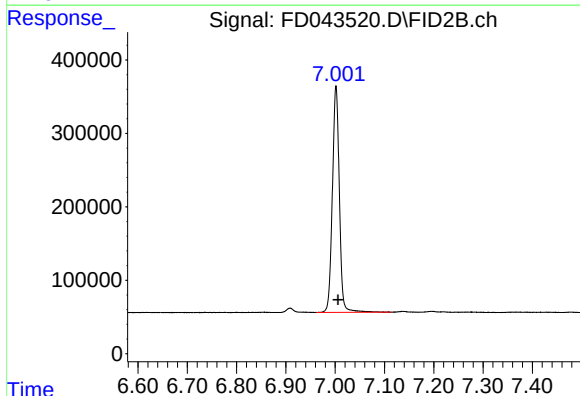
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 3290146
Conc: 20.98 ug/ml



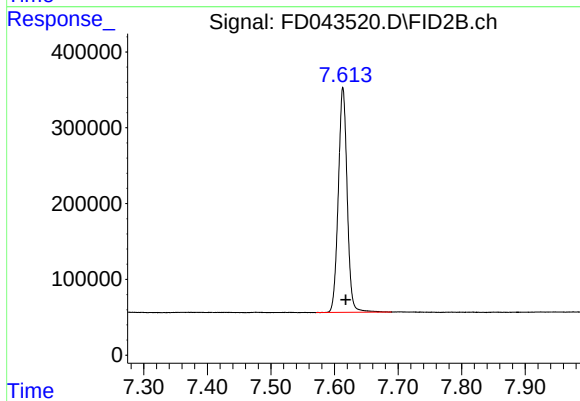
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3365053
Conc: 20.81 ug/ml



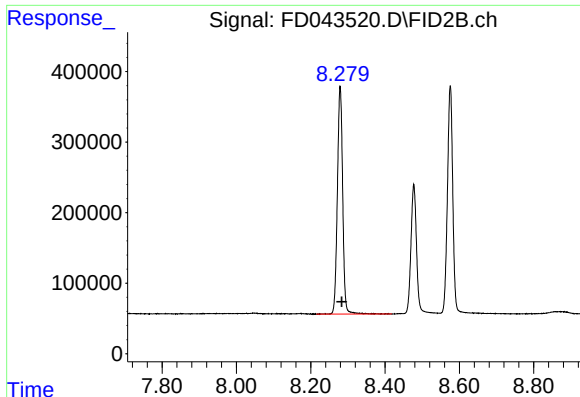
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 3028876
Conc: 20.69 ug/ml



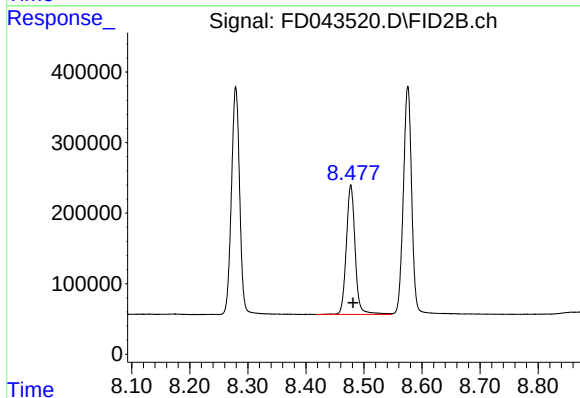
#4 2-Bromonaphthalene (SURR)

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 2875827
Conc: 20.33 ug/ml



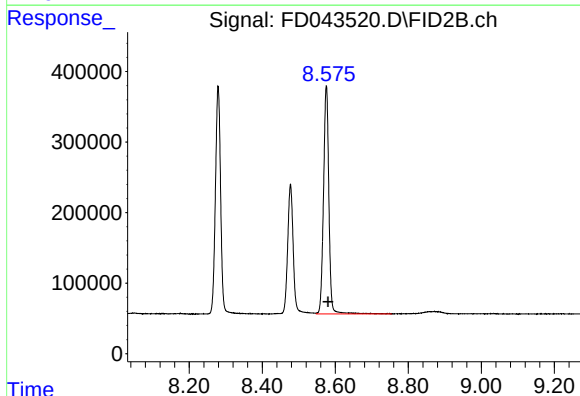
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 3200663
Conc: 19.72 ug/ml



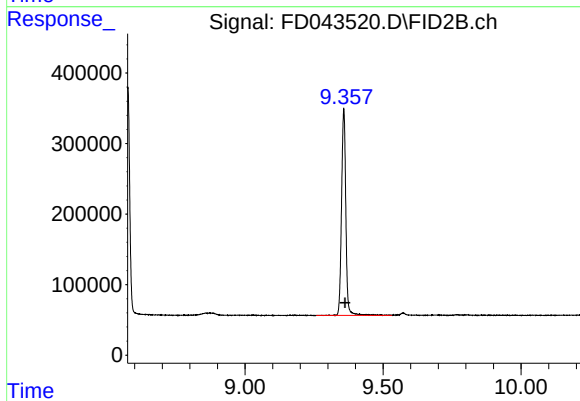
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 1947235
Conc: 20.48 ug/ml



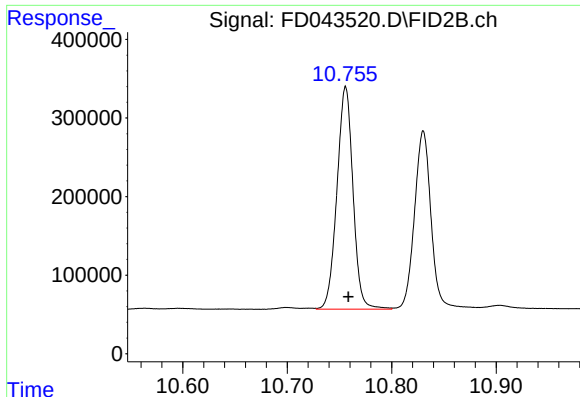
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: -0.004 min
Response: 3290551
Conc: 20.35 ug/ml



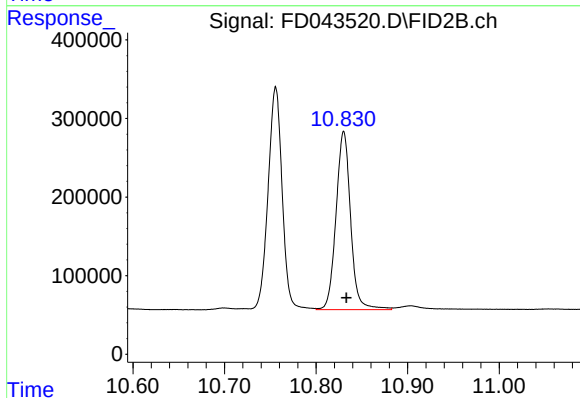
#8 Fluorene (C16.55)

R.T.: 9.358 min
Delta R.T.: -0.004 min
Response: 3170829
Conc: 20.24 ug/ml



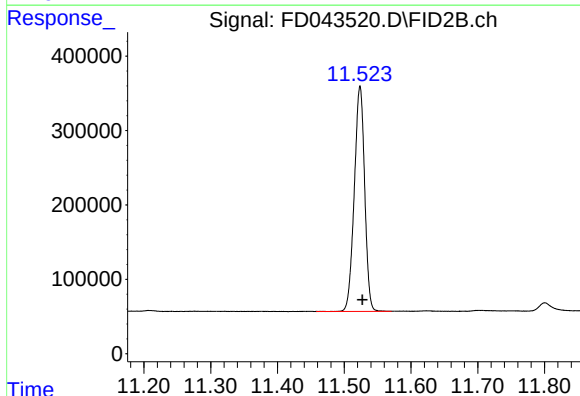
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.003 min
Response: 3026717
Conc: 19.31 ug/ml



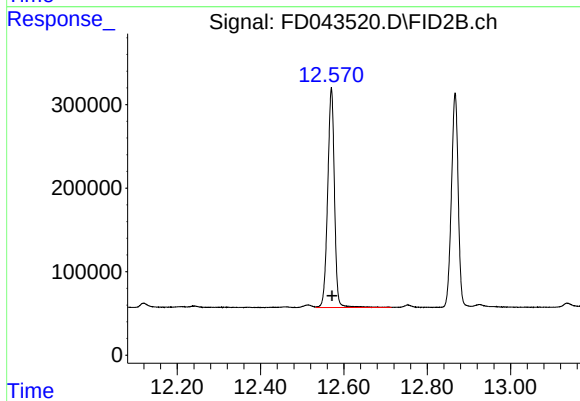
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 2510105
Conc: 16.30 ug/ml



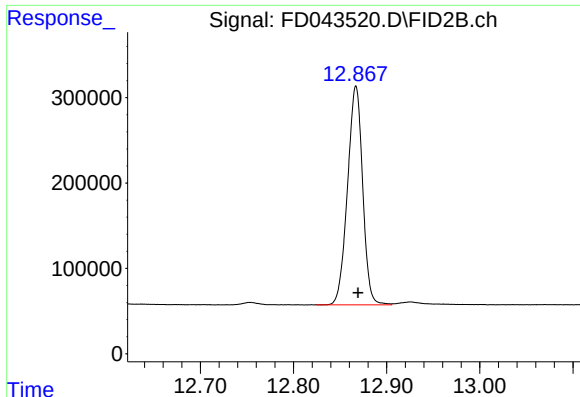
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.004 min
Response: 3267798
Conc: 19.28 ug/ml



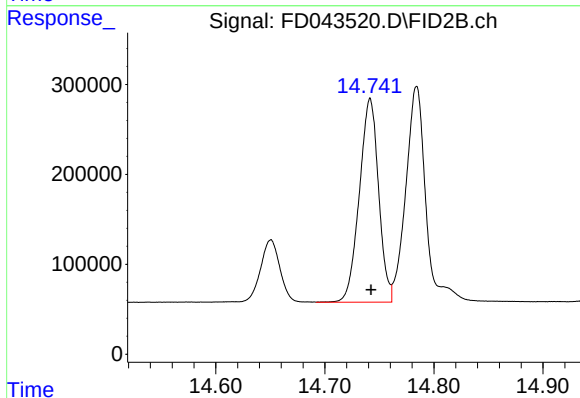
#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2969736
Conc: 18.75 ug/ml



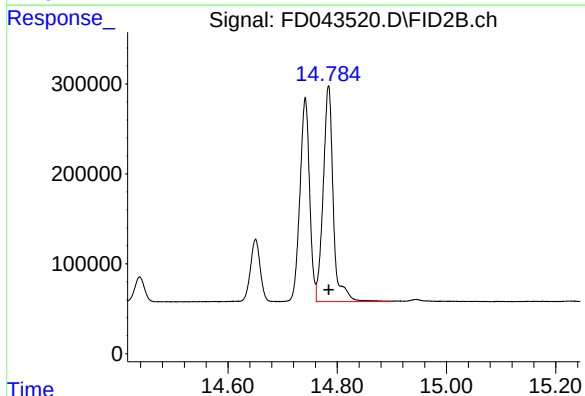
#13 Pyrene (C20.8)

R.T.: 12.867 min
Delta R.T.: -0.002 min
Response: 2899297
Conc: 18.45 ug/ml



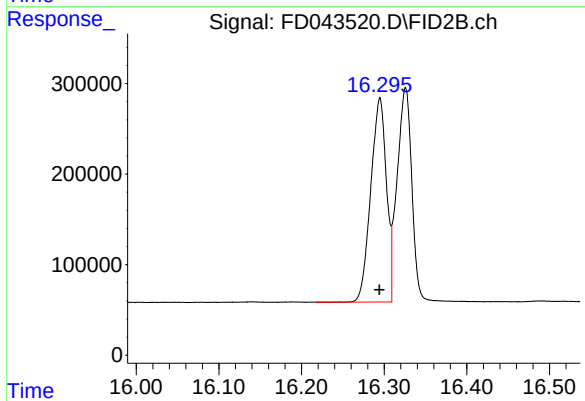
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.001 min
Response: 2776707
Conc: 18.82 ug/ml



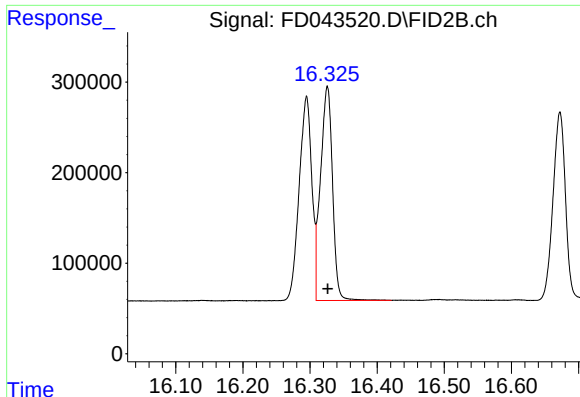
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 3095259
Conc: 19.81 ug/ml



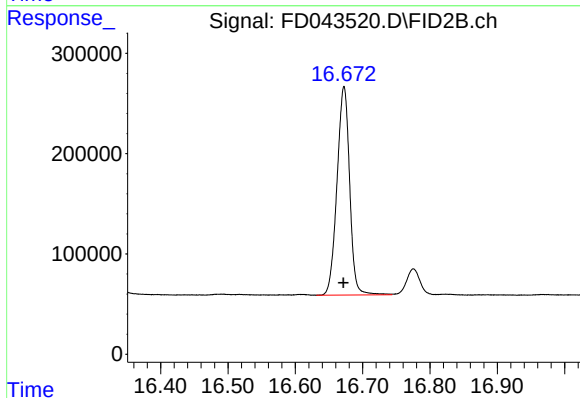
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.295 min
Delta R.T.: 0.000 min
Response: 2961534
Conc: 19.80 ug/ml



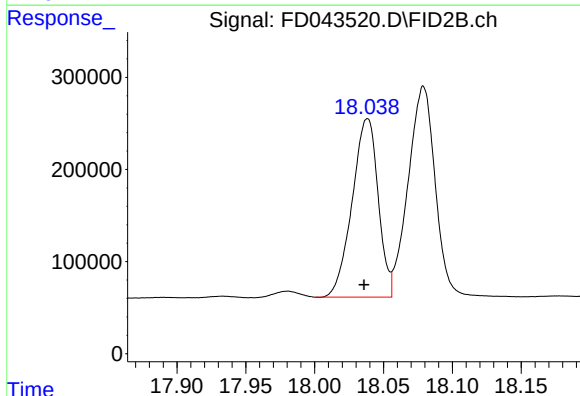
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 2935017
Conc: 19.56 ug/ml



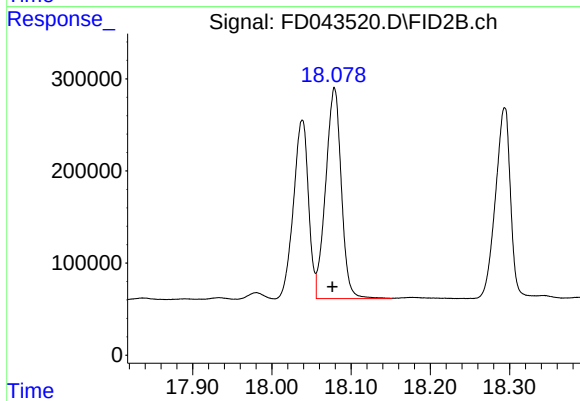
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.000 min
Response: 2709500
Conc: 19.17 ug/ml



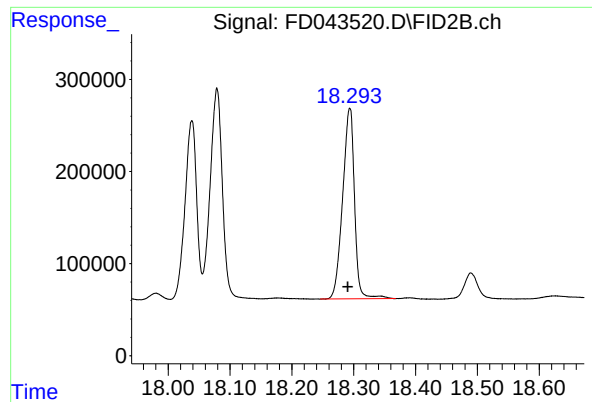
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: 0.002 min
Response: 2548433
Conc: 21.56 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.002 min
Response: 3146526
Conc: 22.18 ug/ml



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

R.T.: 18.293 min
Delta R.T.: 0.003 min
Response: 2767389
Conc: 21.28 ug/ml