

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011023AR\
 Data File : FD044748.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2023 17:00
 Operator : YP/AJ
 Sample : PB150137BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 06:32:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.663	6668308	46.242 ug/ml
Spiked Amount 50.000		Recovery =	92.48%
6) S 2-Fluorobiphenyl (SURR)	8.520	4387939	45.203 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.41%
11) S ortho-Terphenyl (SURR)	11.549	6919590	38.406 ug/ml
Spiked Amount 50.000		Recovery =	76.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	4521081	28.099 ug/ml
2) T Naphthalene (C11.7)	6.011	6413476	38.211 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	5821219	34.621 ug/ml
5) T Acenaphthylene (C15.06)	8.325	7064300	46.576 ug/ml
7) T Acenaphthene (C15.5)	8.619	6006826	37.054 ug/ml
8) T Flouorene (C16.55)	9.396	6951271	43.615 ug/ml
9) T Phenanthrene (C19.36)	10.785	7774169	49.538 ug/ml
10) T Anthracene (C19.43)	10.860	7391488	58.779 ug/ml
12) T Fluoranthene (C21.85)	12.588	8282444	52.743 ug/ml
13) T Pyrene (C20.8)	12.884	7926647	51.780 ug/ml
14) T Benzo[a]anthracene (C...	14.745	7974493	56.084 ug/ml
15) T Chrysene (C27.41)	14.789	8413722	55.485 ug/ml
16) T benzo[b]fluoranthene ...	16.286	8220408	54.659 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	7642007	50.441 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	6913141	47.649 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	6285669	44.448 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	6464554	44.100 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	6160640	43.367 ug/ml

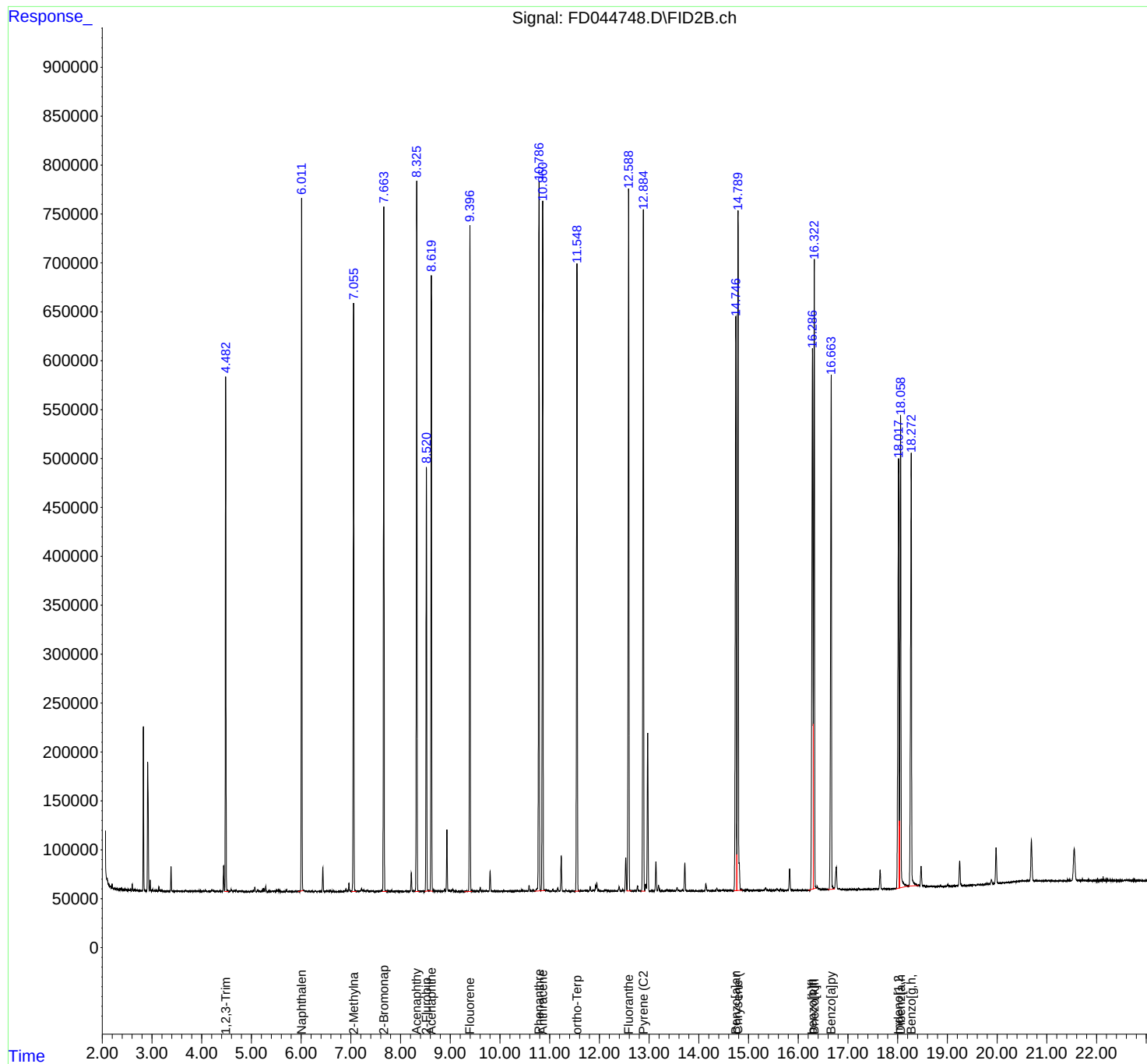
(f)=RT Delta > 1/2 Window

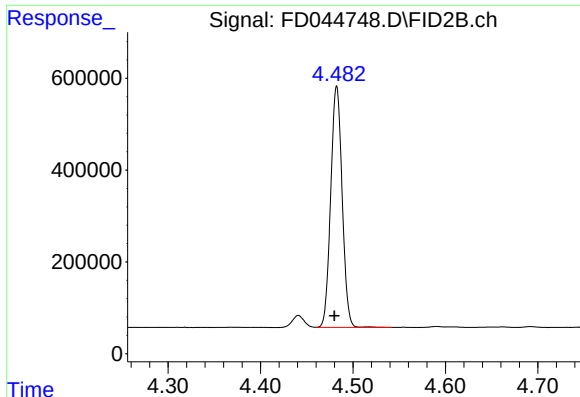
(m)=manual int.

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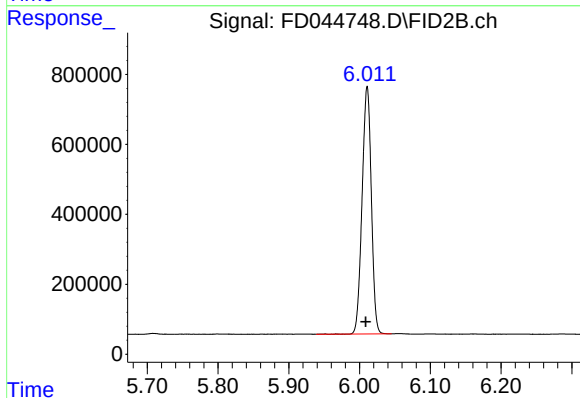
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Signal Info : 20M x 0.18mm x 0.18µm





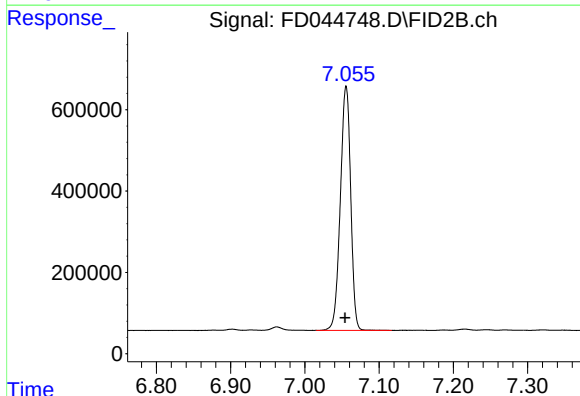
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 4521081
Conc: 28.10 ug/ml



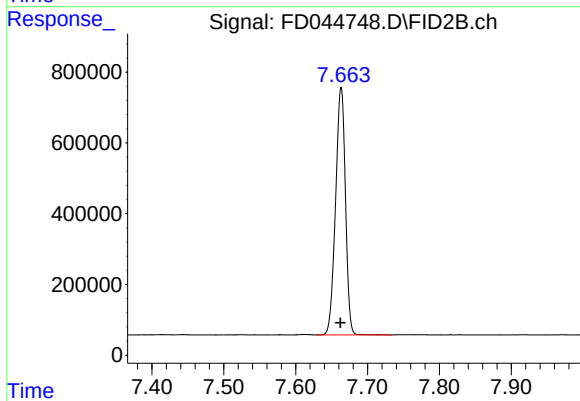
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 6413476
Conc: 38.21 ug/ml



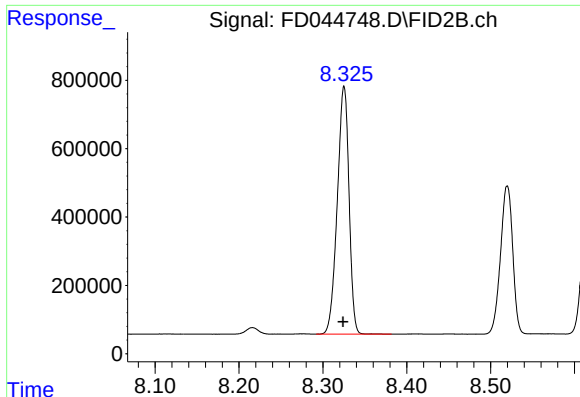
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 5821219
Conc: 34.62 ug/ml



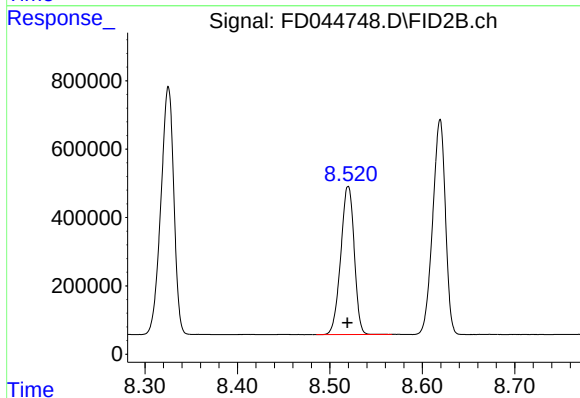
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 6668308
Conc: 46.24 ug/ml



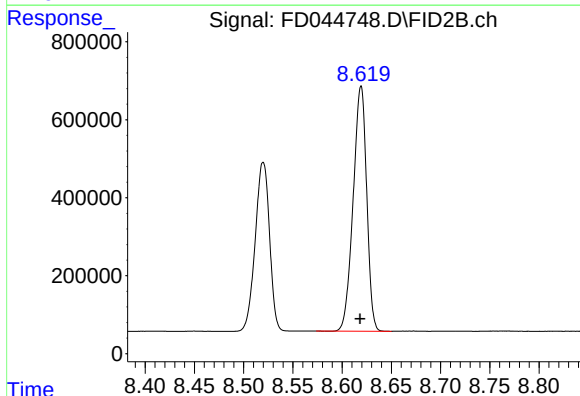
#5 Acenaphthylene (C15.06)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 7064300
Conc: 46.58 ug/ml



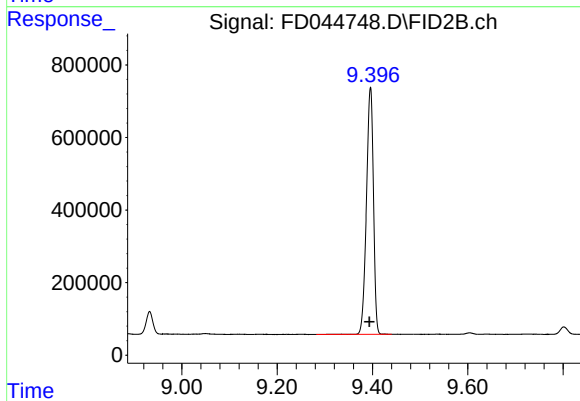
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 4387939
Conc: 45.20 ug/ml



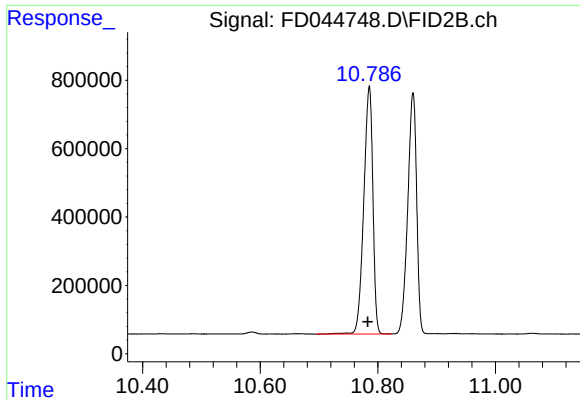
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 6006826
Conc: 37.05 ug/ml



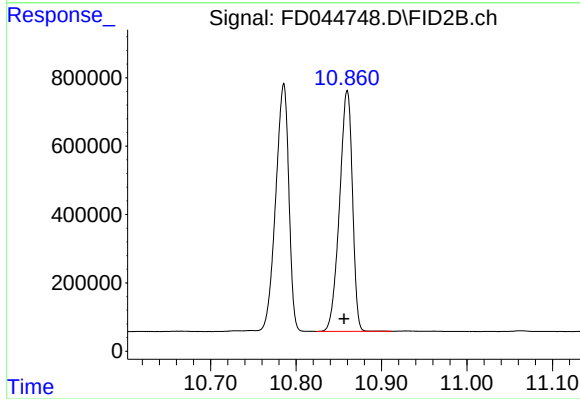
#8 Flouorene (C16.55)

R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 6951271
Conc: 43.62 ug/ml



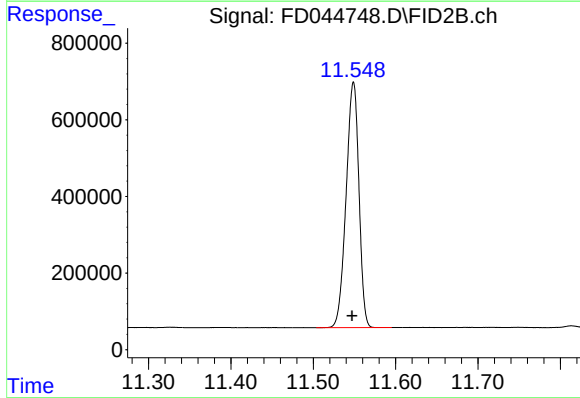
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: 0.002 min
Response: 7774169
Conc: 49.54 ug/ml



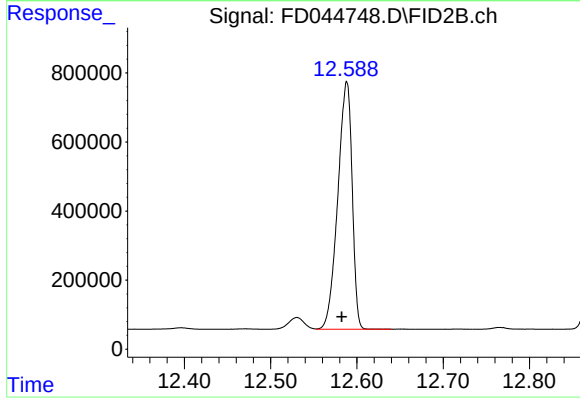
#10 Anthracene (C19.43)

R.T.: 10.860 min
Delta R.T.: 0.003 min
Response: 7391488
Conc: 58.78 ug/ml



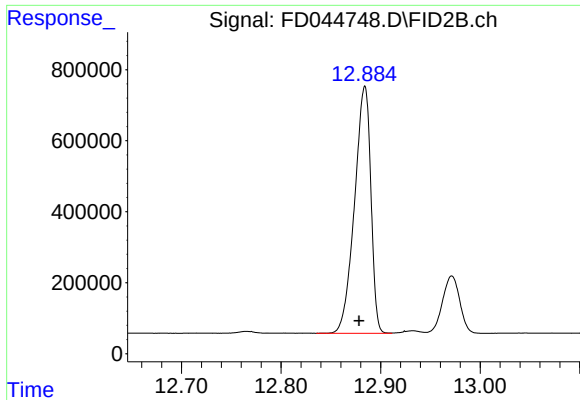
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 6919590
Conc: 38.41 ug/ml



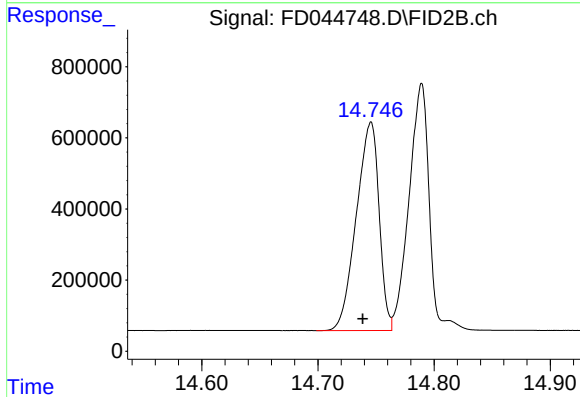
#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: 0.005 min
Response: 8282444
Conc: 52.74 ug/ml



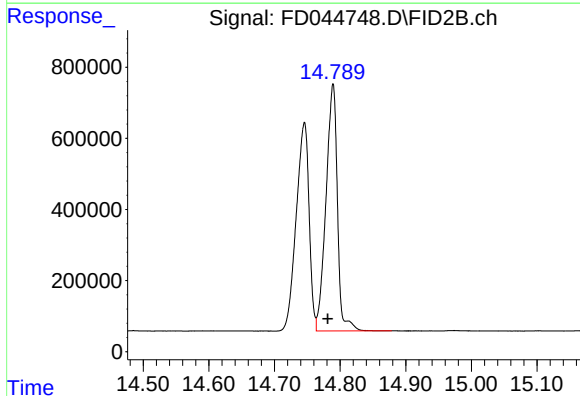
#13 Pyrene (C20.8)

R.T.: 12.884 min
Delta R.T.: 0.005 min
Response: 7926647
Conc: 51.78 ug/ml



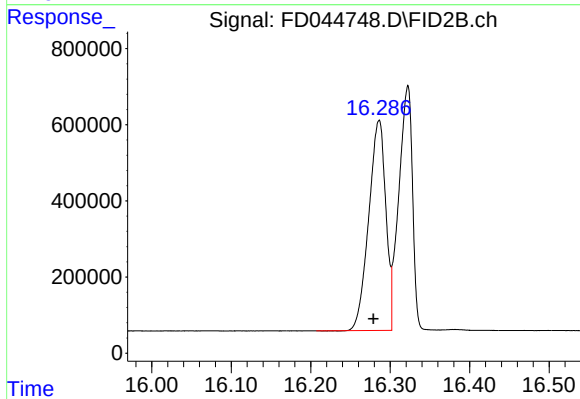
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.007 min
Response: 7974493
Conc: 56.08 ug/ml



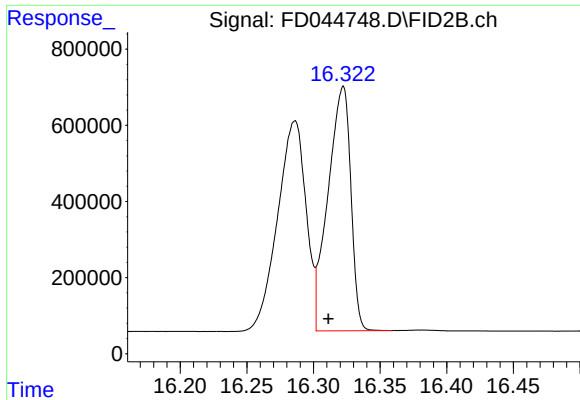
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.008 min
Response: 8413722
Conc: 55.49 ug/ml



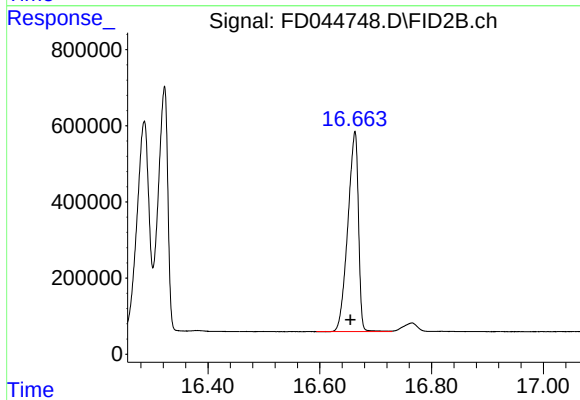
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: 0.007 min
Response: 8220408
Conc: 54.66 ug/ml



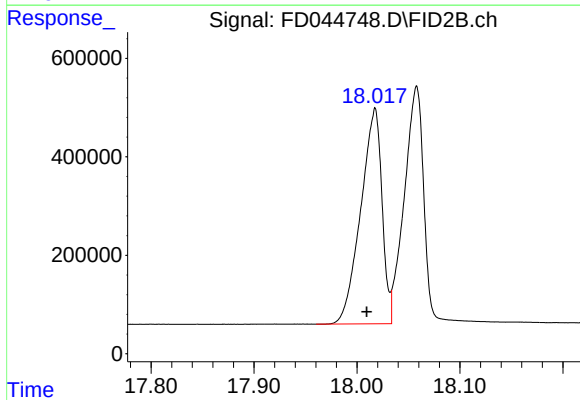
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: 0.010 min
Response: 7642007
Conc: 50.44 ug/ml



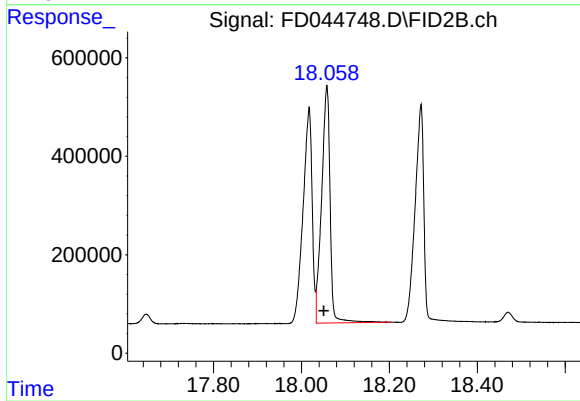
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.007 min
Response: 6913141
Conc: 47.65 ug/ml



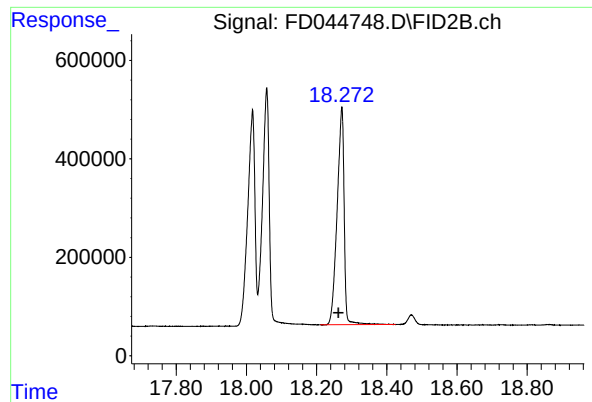
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: 0.007 min
Response: 6285669
Conc: 44.45 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.006 min
Response: 6464554
Conc: 44.10 ug/ml



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

R.T.: 18.271 min
Delta R.T.: 0.009 min
Response: 6160640
Conc: 43.37 ug/ml