

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062725AR\
 Data File : FD049525.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2025 10:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 28 02:39:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 2025
 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...	7.735	2708426	21.242 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
6) S 2-Fluorobiphenyl (SURR)	8.599	1946873	21.927 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.85%
11) S ortho-Terphenyl (SURR)	11.643	3495229	22.040 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2619342	22.553 ug/ml
2) T Naphthalene (C11.7)	6.072	2997526	22.332 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	3136269	22.198 ug/ml
5) T Acenaphthylene (C15.06)	8.403	3306838	21.152 ug/ml
7) T Acenaphthene (C15.5)	8.698	3302297	22.041 ug/ml
8) T Flouorene (C16.55)	9.479	3371769	21.918 ug/ml
9) T Phenanthrene (C19.36)	10.877	3538102	22.202 ug/ml
10) T Anthracene (C19.43)	10.952	3438693	21.902 ug/ml
12) T Fluoranthene (C21.85)	12.689	3571485	22.555 ug/ml
13) T Pyrene (C20.8)	12.988	3573660	22.588 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3320616	22.500 ug/ml
15) T Chrysene (C27.41)	14.901	3357139	22.523 ug/ml
16) T benzo[b]fluoranthene ...	16.408	3181114	22.639 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	3001404	22.598 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	3085792	22.571 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.151	2730998	22.306 ug/ml
20) T Dibenz[a,h]anthracene...	18.191	2875095	22.451 ug/ml
21) T Benzo[g,h,i]perylene ...	18.407	2886891	22.584 ug/ml

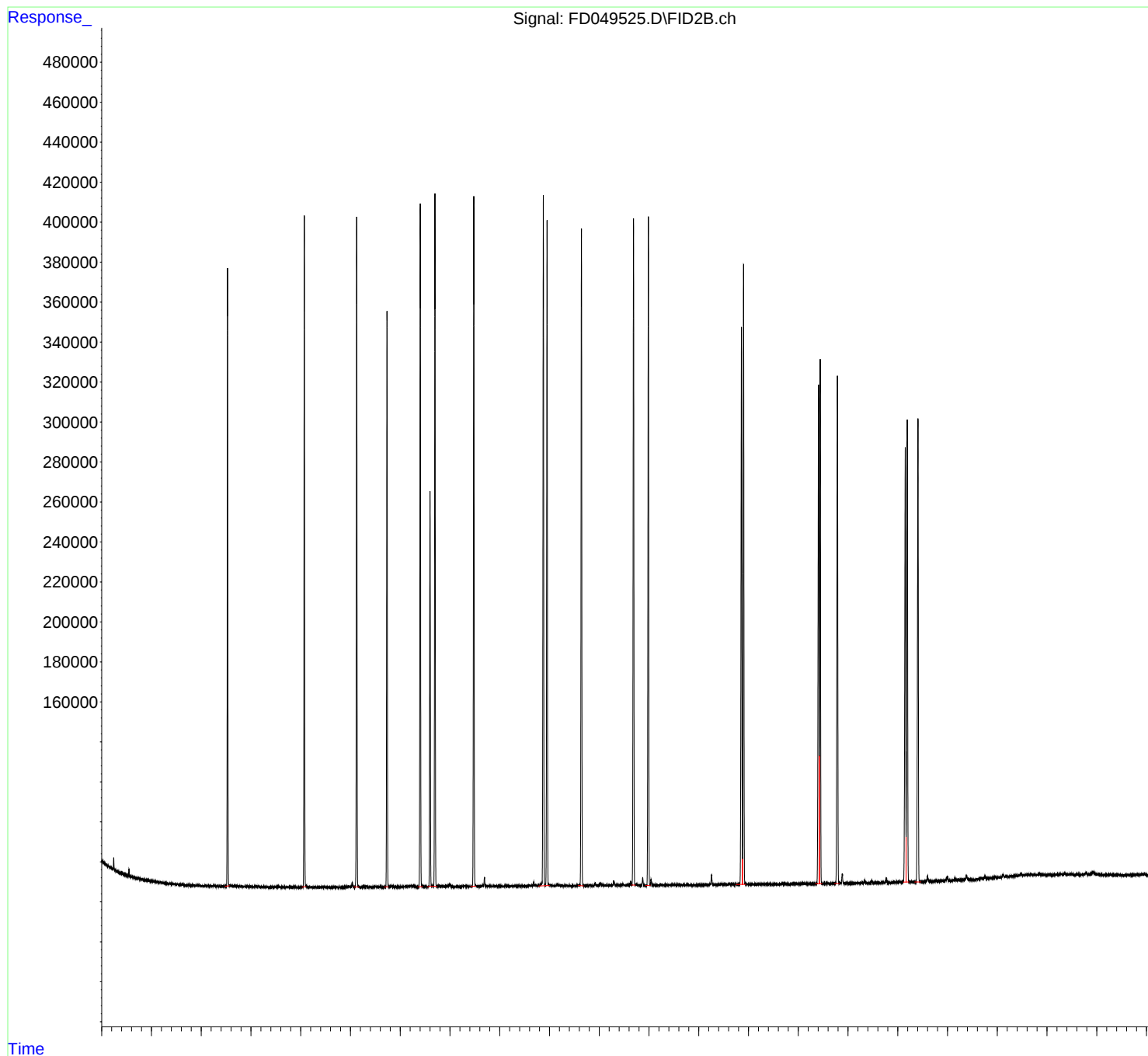
(f)=RT Delta > 1/2 Window

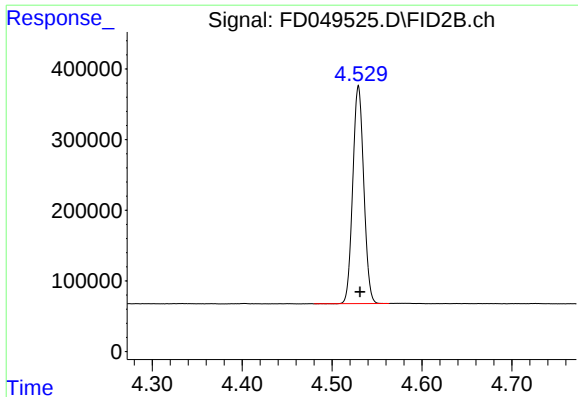
(m)=manual int.

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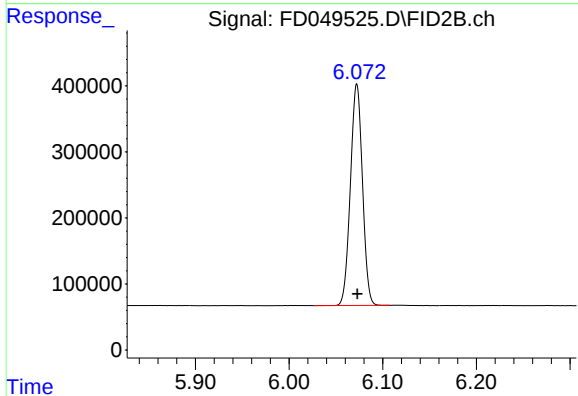
Volume Inj. : 1 μ l
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18 μ m





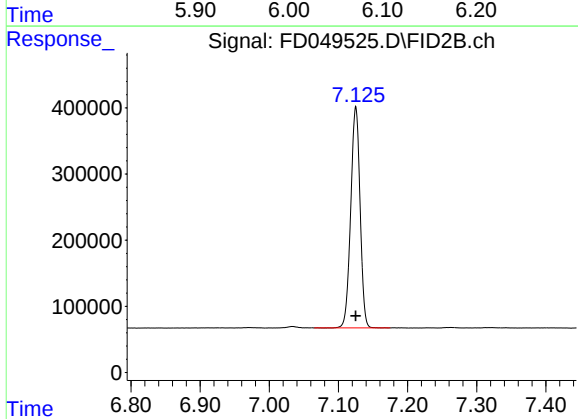
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 2619342
Conc: 22.55 ug/ml



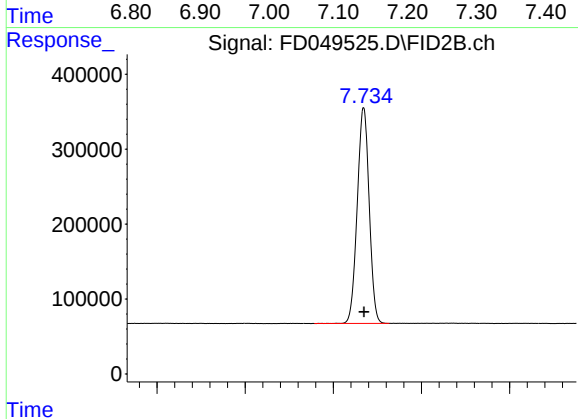
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 2997526
Conc: 22.33 ug/ml



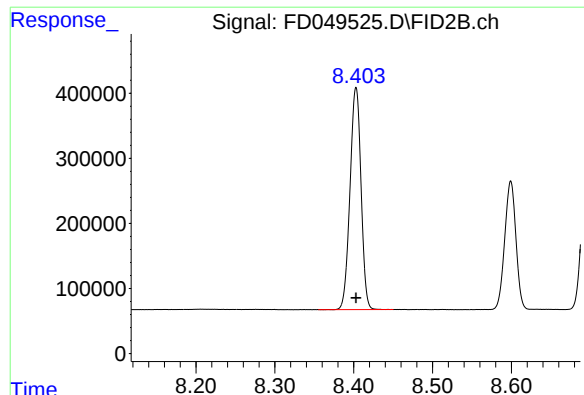
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 3136269
Conc: 22.20 ug/ml



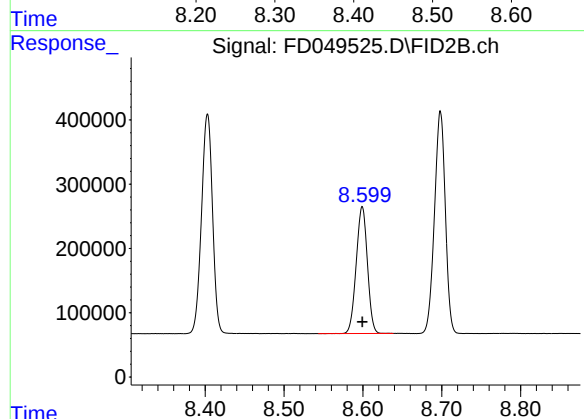
#4 2-Bromonaphthalene (SURR)

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 2708426
Conc: 21.24 ug/ml



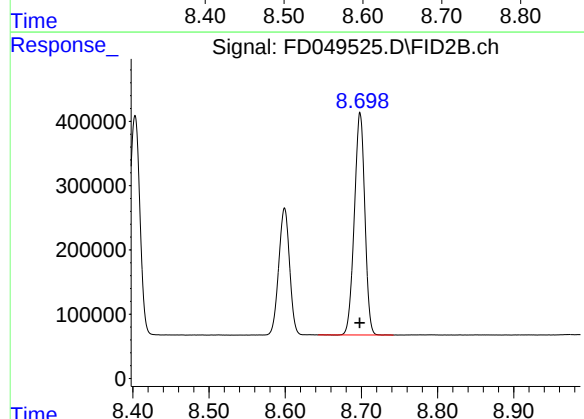
#5 Acenaphthylene (C15.06)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 3306838
Conc: 21.15 ug/ml



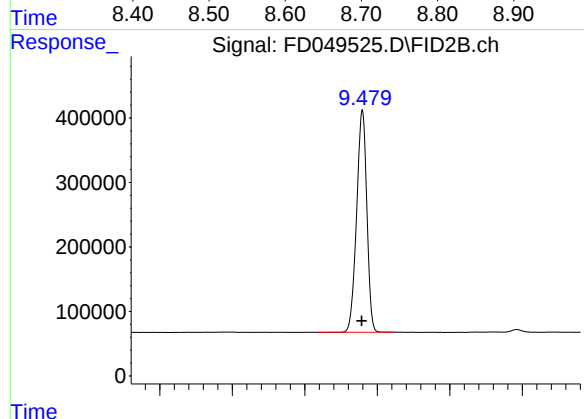
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 1946873
Conc: 21.93 ug/ml



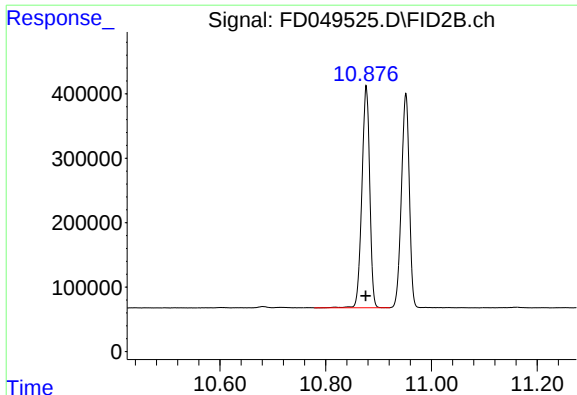
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 3302297
Conc: 22.04 ug/ml



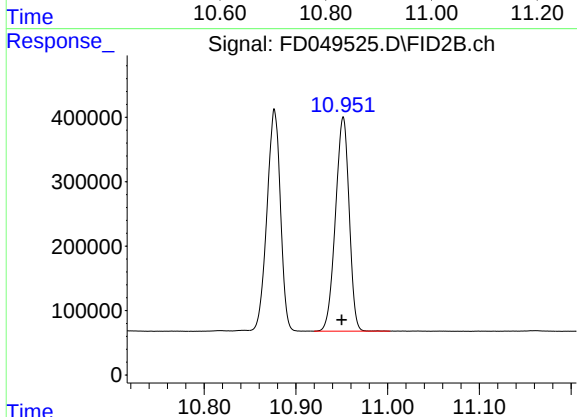
#8 Fluorene (C16.55)

R.T.: 9.479 min
Delta R.T.: 0.001 min
Response: 3371769
Conc: 21.92 ug/ml



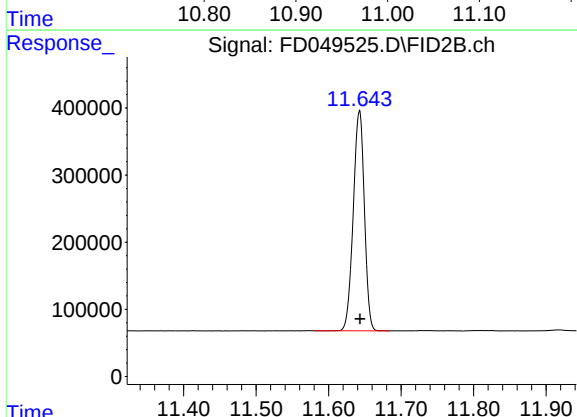
#9 Phenanthrene (C19.36)

R.T.: 10.877 min
Delta R.T.: 0.001 min
Response: 3538102
Conc: 22.20 ug/ml



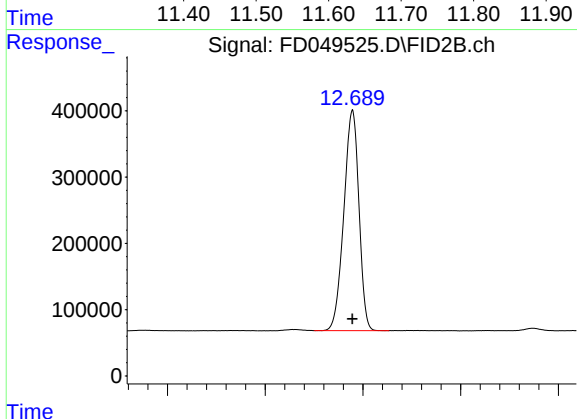
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: 0.002 min
Response: 3438693
Conc: 21.90 ug/ml



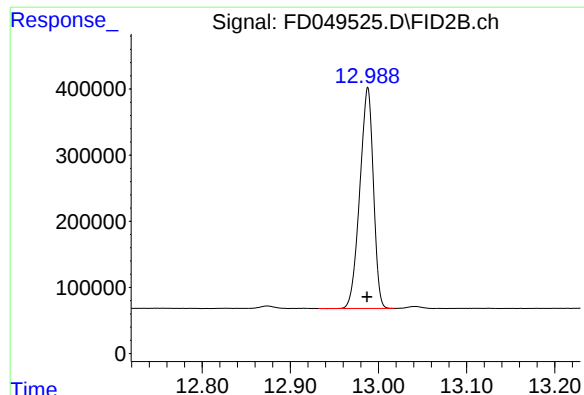
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3495229
Conc: 22.04 ug/ml



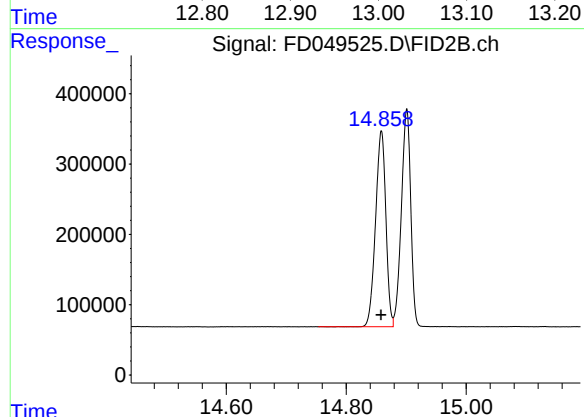
#12 Fluoranthene (C21.85)

R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3571485
Conc: 22.56 ug/ml



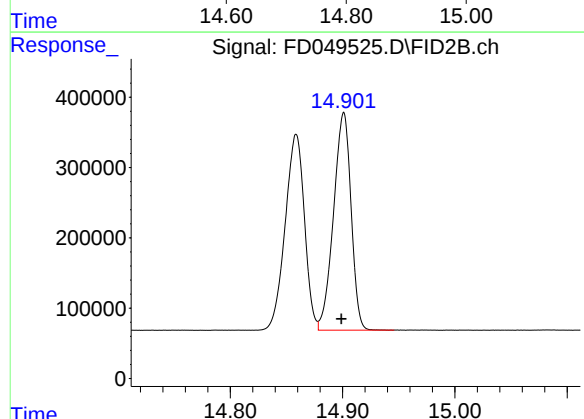
#13 Pyrene (C20.8)

R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 3573660
Conc: 22.59 ug/ml



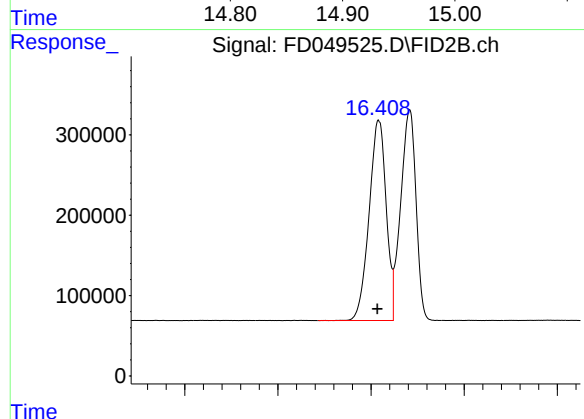
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: 0.000 min
Response: 3320616
Conc: 22.50 ug/ml



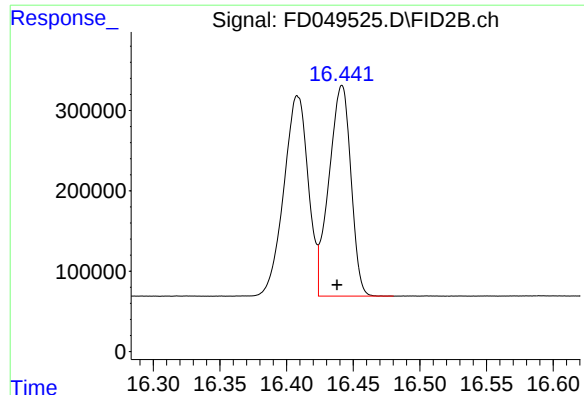
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: 0.002 min
Response: 3357139
Conc: 22.52 ug/ml



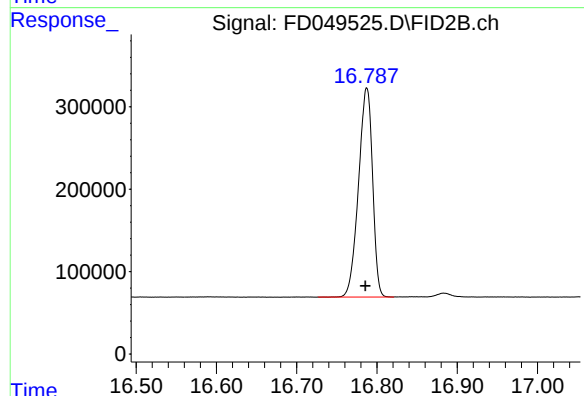
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.408 min
Delta R.T.: 0.002 min
Response: 3181114
Conc: 22.64 ug/ml



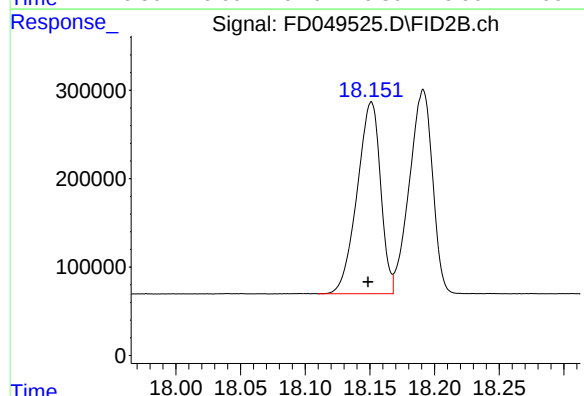
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.442 min
Delta R.T.: 0.004 min
Response: 3001404
Conc: 22.60 ug/ml



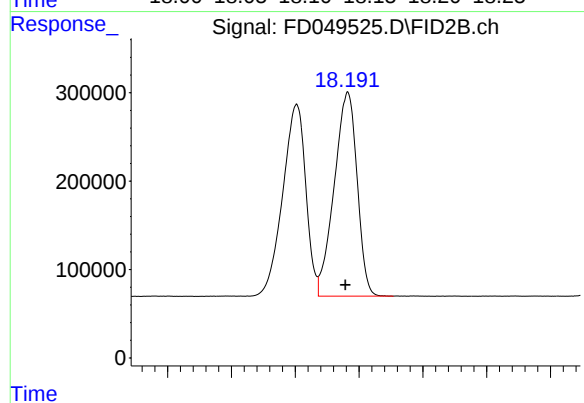
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.787 min
Delta R.T.: 0.002 min
Response: 3085792
Conc: 22.57 ug/ml



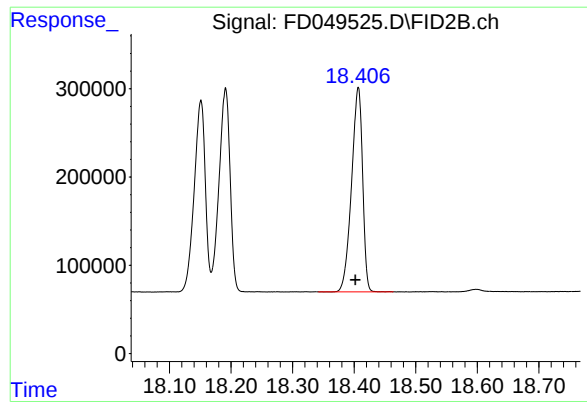
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.151 min
Delta R.T.: 0.003 min
Response: 2730998
Conc: 22.31 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.002 min
Response: 2875095
Conc: 22.45 ug/ml



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

R.T.: 18.407 min
Delta R.T.: 0.005 min
Response: 2886891
Conc: 22.58 ug/ml