

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041024AR\
 Data File : FD047515.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 04:02:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.453	3036653	20.312 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
6) S 2-Fluorobiphenyl (SURR)	8.306	1985910	20.325 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.65%
11) S ortho-Terphenyl (SURR)	11.341	3496526	20.397 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	3191429	20.197 ug/ml
2) T Naphthalene (C11.7)	5.793	3321114	20.295 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	3335360	20.278 ug/ml
5) T Acenaphthylene (C15.06)	8.109	3013644	19.966 ug/ml
7) T Acenaphthene (C15.5)	8.404	3234071	20.192 ug/ml
8) T Flouorene (C16.55)	9.182	3127164	20.214 ug/ml
9) T Phenanthrene (C19.36)	10.571	3042427	20.449 ug/ml
10) T Anthracene (C19.43)	10.645	2409623	17.717 ug/ml
12) T Fluoranthene (C21.85)	12.373	3032177	20.511 ug/ml
13) T Pyrene (C20.8)	12.667	2944151	20.400 ug/ml
14) T Benzo[a]anthracene (C...	14.532	2684444	20.412 ug/ml
15) T Chrysene (C27.41)	14.573	2918219	20.695 ug/ml
16) T benzo[b]fluoranthene ...	16.074	2859063	20.493 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	2896038	20.822 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.450	2793569	20.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	2744065	20.343 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	2977250	22.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	2823665	20.345 ug/ml

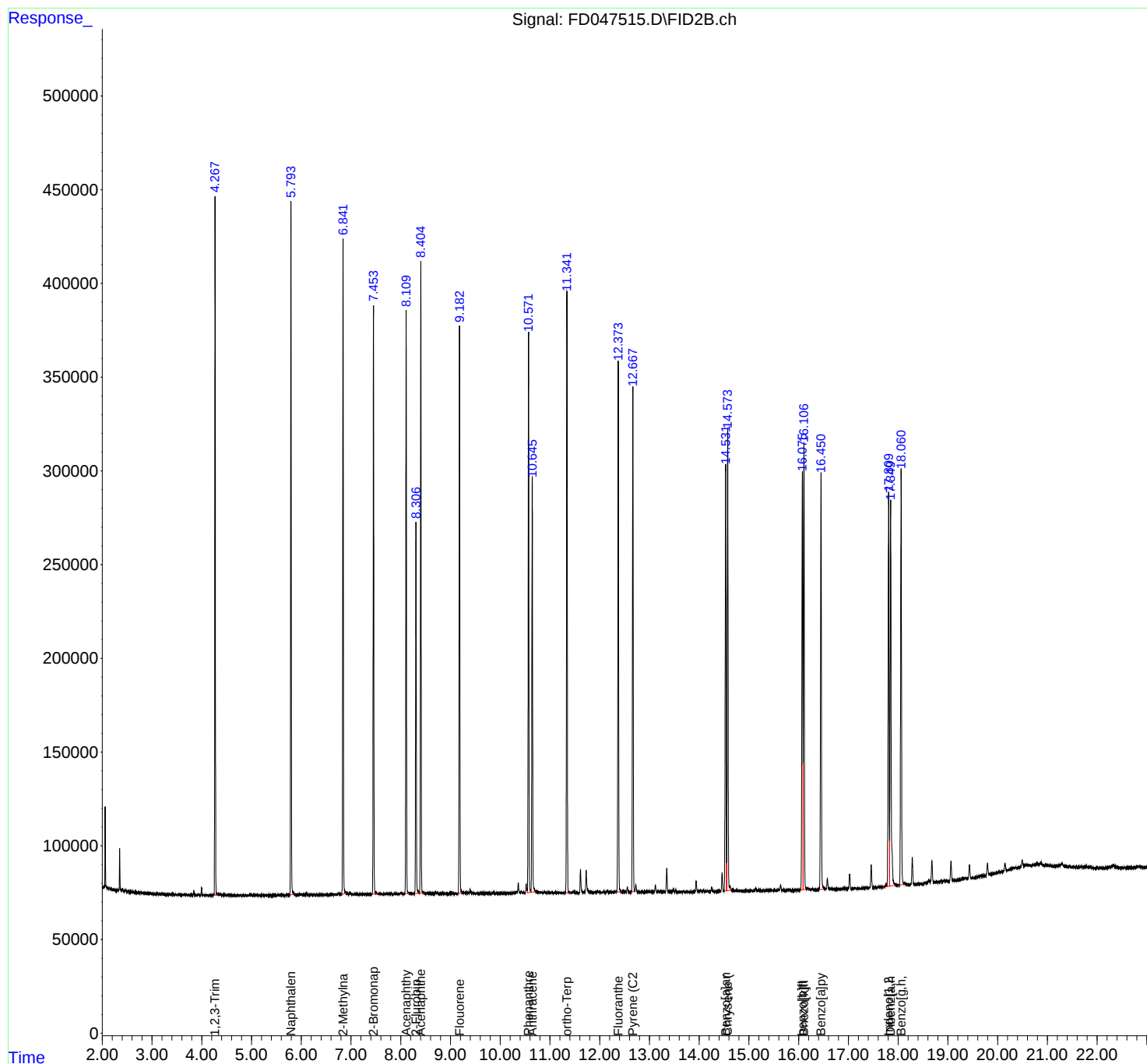
(f)=RT Delta > 1/2 Window

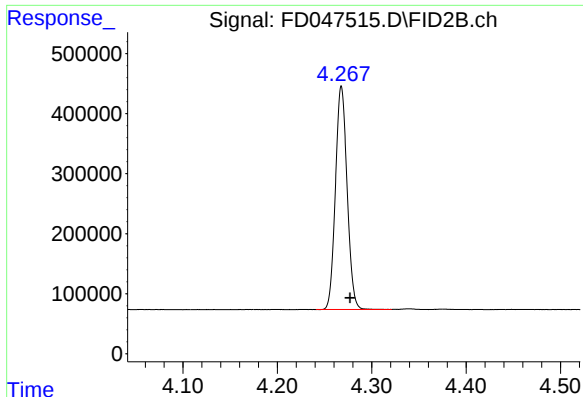
(m)=manual int.

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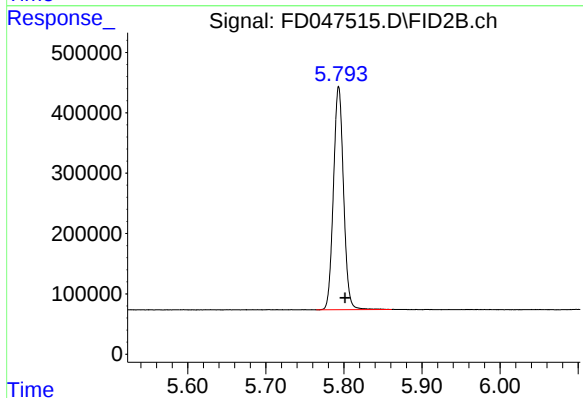
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Signal Info : 20M x 0.18mm x 0.18µm





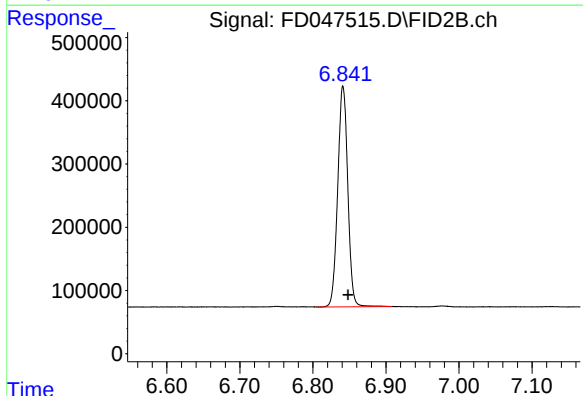
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.009 min
Response: 3191429
Conc: 20.20 ug/ml



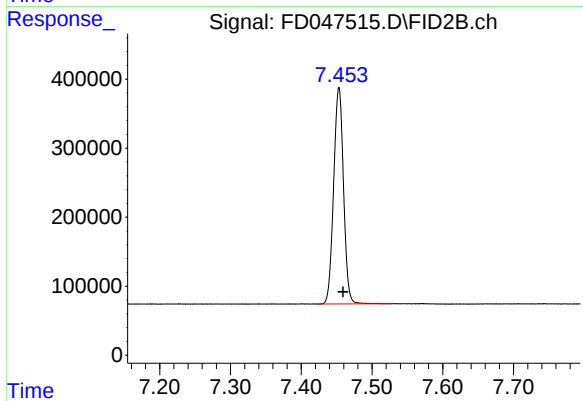
#2 Naphthalene (C11.7)

R.T.: 5.793 min
Delta R.T.: -0.008 min
Response: 3321114
Conc: 20.30 ug/ml



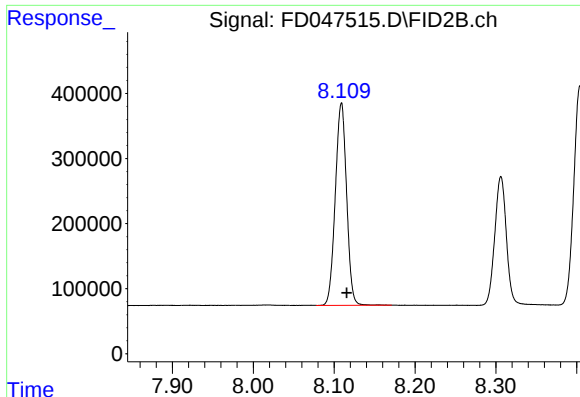
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 3335360
Conc: 20.28 ug/ml



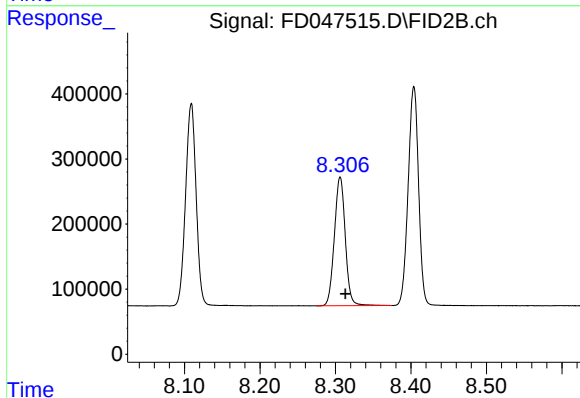
#4 2-Bromonaphthalene (SURR)

R.T.: 7.453 min
Delta R.T.: -0.006 min
Response: 3036653
Conc: 20.31 ug/ml



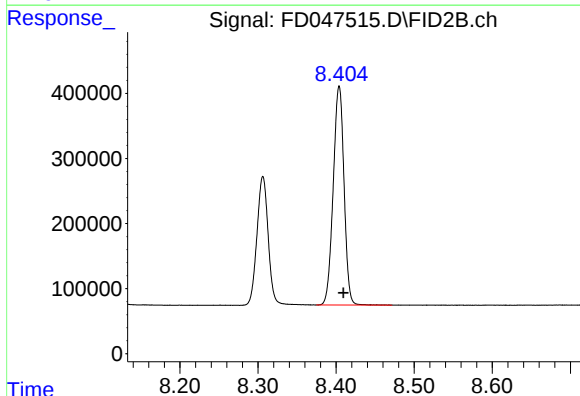
#5 Acenaphthylene (C15.06)

R.T.: 8.109 min
Delta R.T.: -0.007 min
Response: 3013644
Conc: 19.97 ug/ml



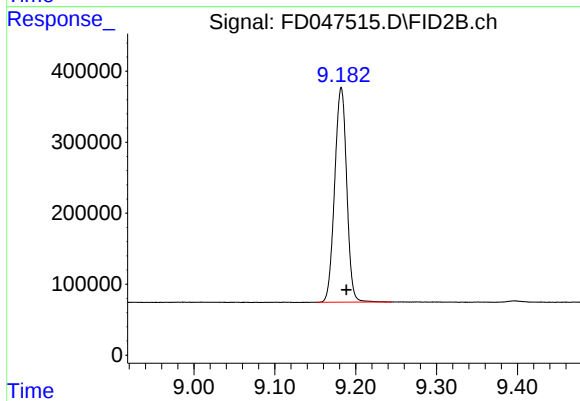
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 1985910
Conc: 20.33 ug/ml



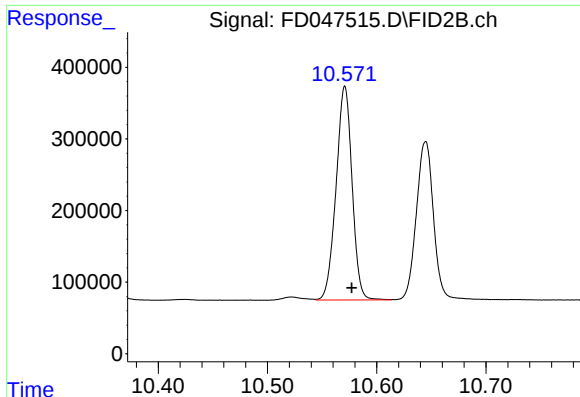
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: -0.005 min
Response: 3234071
Conc: 20.19 ug/ml



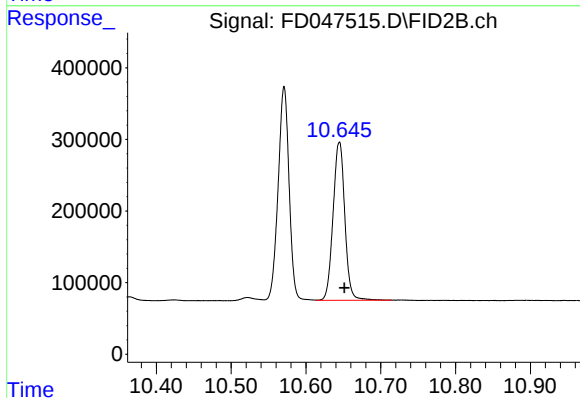
#8 Fluorene (C16.55)

R.T.: 9.182 min
Delta R.T.: -0.007 min
Response: 3127164
Conc: 20.21 ug/ml



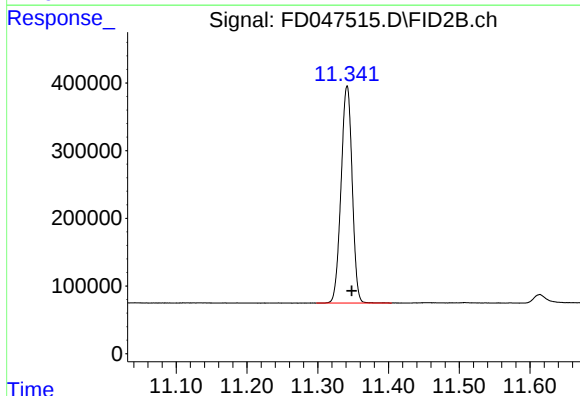
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: -0.006 min
Response: 3042427
Conc: 20.45 ug/ml



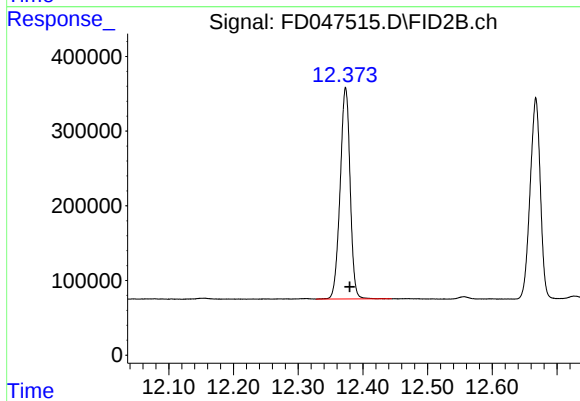
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: -0.007 min
Response: 2409623
Conc: 17.72 ug/ml



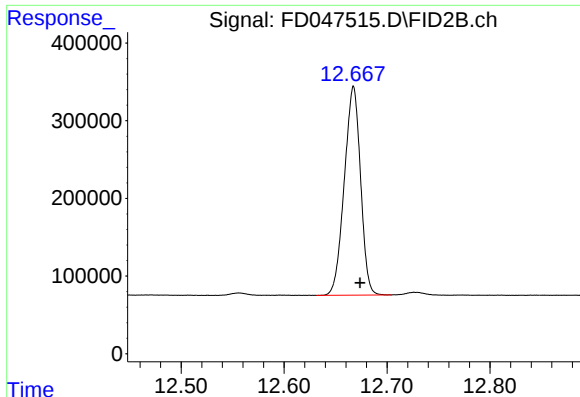
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.006 min
Response: 3496526
Conc: 20.40 ug/ml



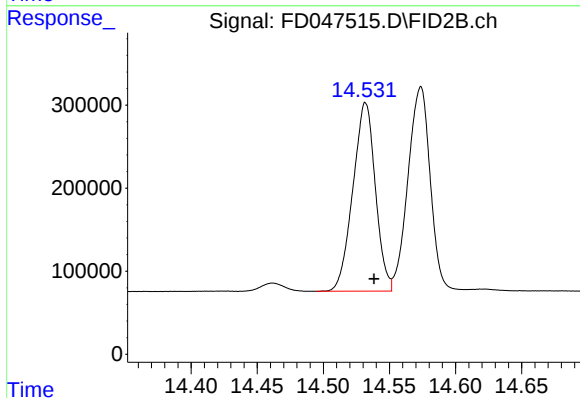
#12 Fluoranthene (C21.85)

R.T.: 12.373 min
Delta R.T.: -0.006 min
Response: 3032177
Conc: 20.51 ug/ml



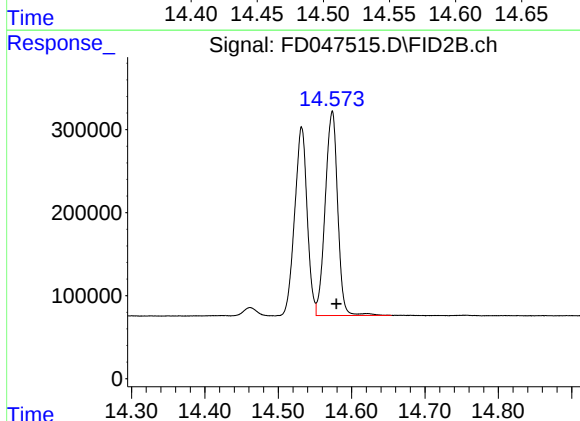
#13 Pyrene (C20.8)

R.T.: 12.667 min
Delta R.T.: -0.007 min
Response: 2944151
Conc: 20.40 ug/ml



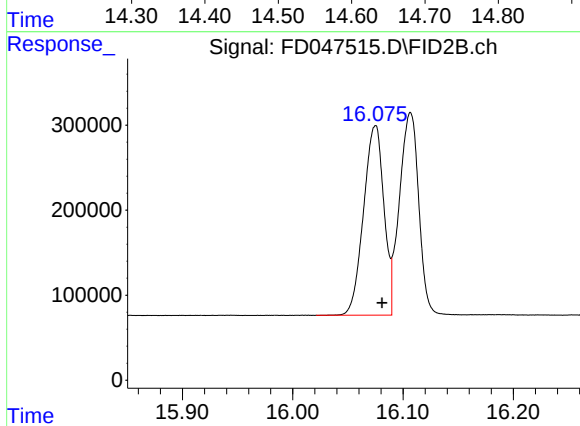
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.532 min
Delta R.T.: -0.007 min
Response: 2684444
Conc: 20.41 ug/ml



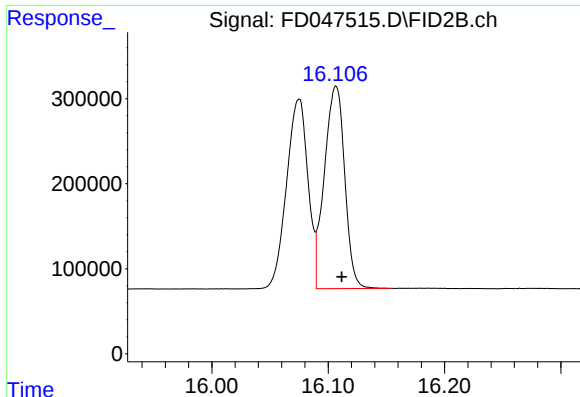
#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: -0.006 min
Response: 2918219
Conc: 20.70 ug/ml



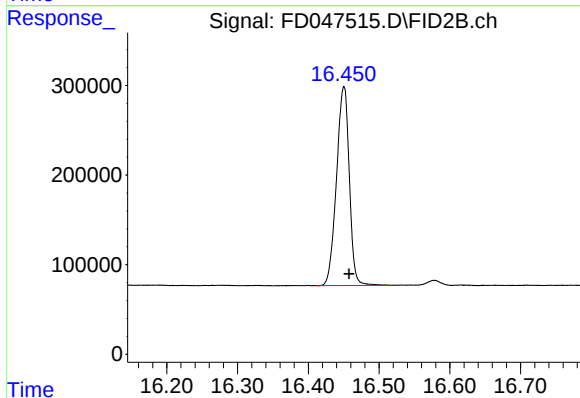
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.074 min
Delta R.T.: -0.007 min
Response: 2859063
Conc: 20.49 ug/ml



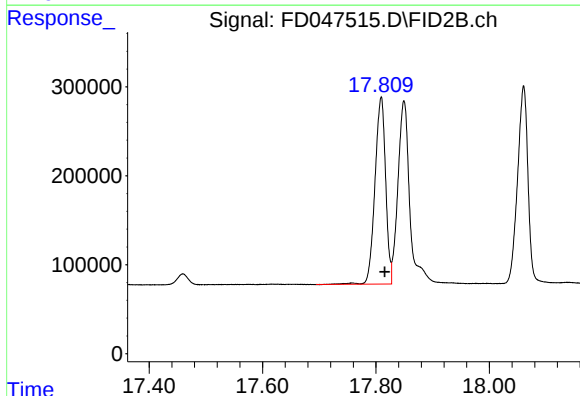
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.005 min
Response: 2896038
Conc: 20.82 ug/ml



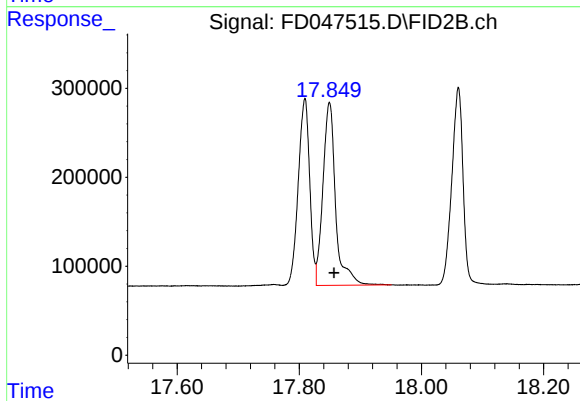
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.450 min
Delta R.T.: -0.008 min
Response: 2793569
Conc: 20.35 ug/ml



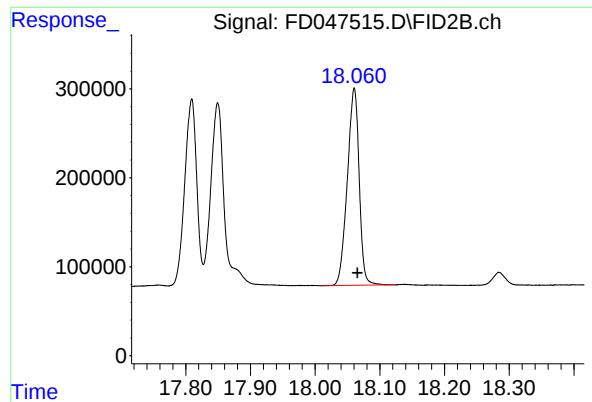
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: -0.007 min
Response: 2744065
Conc: 20.34 ug/ml



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

R.T.: 17.849 min
Delta R.T.: -0.008 min
Response: 2977250
Conc: 22.15 ug/ml



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

R.T.: 18.060 min
Delta R.T.: -0.005 min
Response: 2823665
Conc: 20.34 ug/ml