

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040124AR\
 Data File : FD047471.D
 Signal(s) : FID2B.ch
 Acq On : 01 Apr 2024 11:28
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 12:02:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.460	3309148	20.036 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
6) S 2-Fluorobiphenyl (SURR)	8.314	2170780	20.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.80%
11) S ortho-Terphenyl (SURR)	11.350	3776037	20.233 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3482561	19.595 ug/ml
2) T Naphthalene (C11.7)	5.801	3625052	19.878 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3649231	20.009 ug/ml
5) T Acenaphthylene (C15.06)	8.118	3323827	19.937 ug/ml
7) T Acenaphthene (C15.5)	8.413	3531690	20.046 ug/ml
8) T Flouorene (C16.55)	9.191	3410236	20.245 ug/ml
9) T Phenanthrene (C19.36)	10.579	3324678	20.529 ug/ml
10) T Anthracene (C19.43)	10.653	2891685	19.649 ug/ml
12) T Fluoranthene (C21.85)	12.383	3258492	20.439 ug/ml
13) T Pyrene (C20.8)	12.676	3168666	20.481 ug/ml
14) T Benzo[a]anthracene (C...	14.542	2878885	21.237 ug/ml
15) T Chrysene (C27.41)	14.584	3090457	20.819 ug/ml
16) T benzo[b]fluoranthene ...	16.087	3054589	21.759 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	3065908	21.650 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	3004901	21.753 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	2970243	23.765 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	2992291	22.690 ug/ml
21) T Benzo[g,h,i]perylene ...	18.076	3060350	22.777 ug/ml

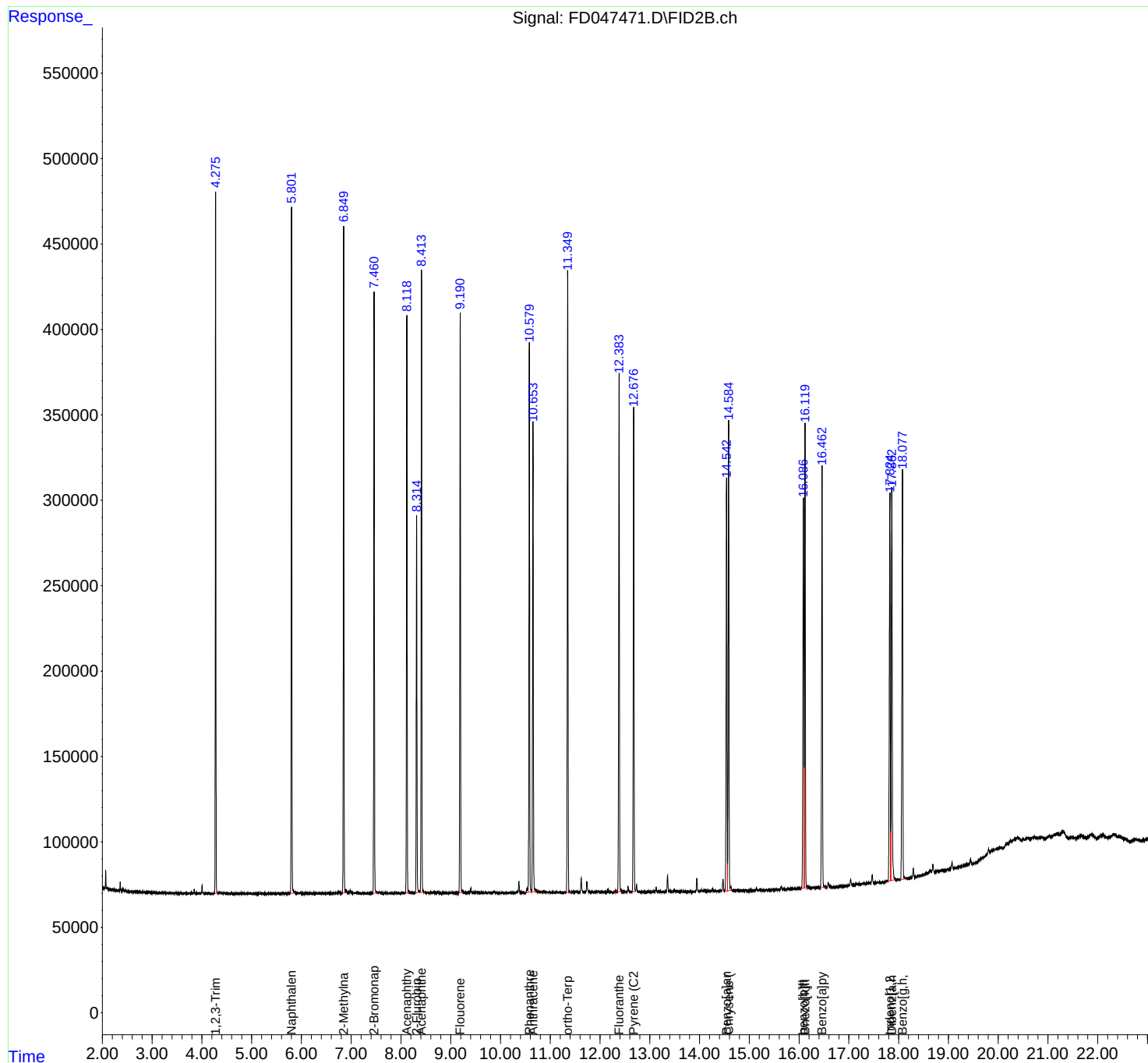
(f)=RT Delta > 1/2 Window

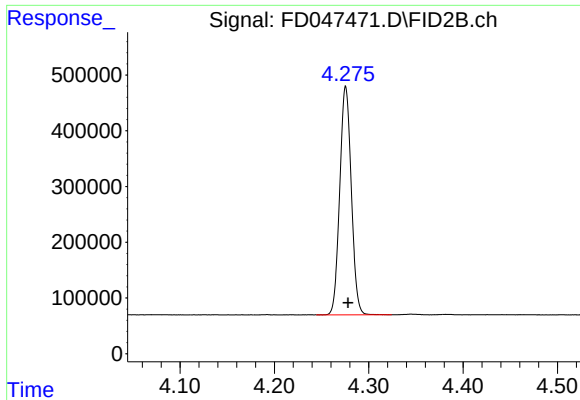
(m)=manual int.

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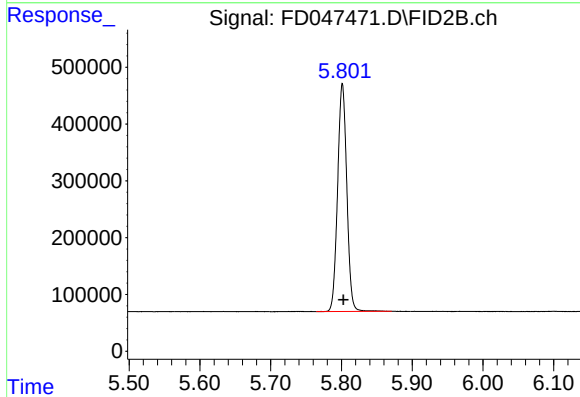
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





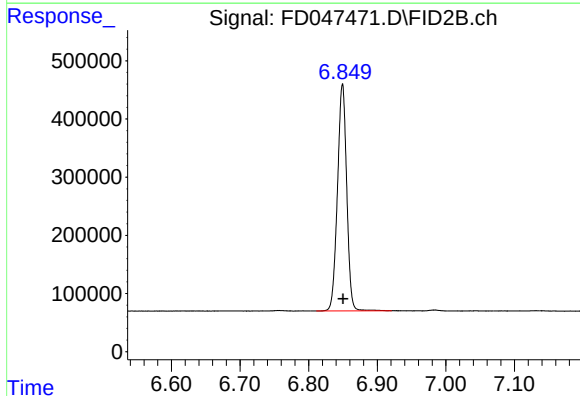
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: -0.002 min
Response: 3482561
Conc: 19.60 ug/ml



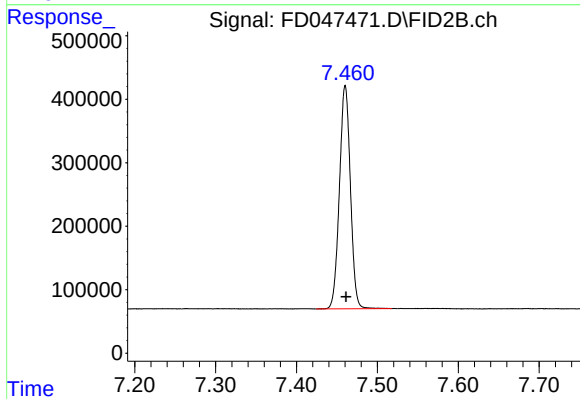
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.001 min
Response: 3625052
Conc: 19.88 ug/ml



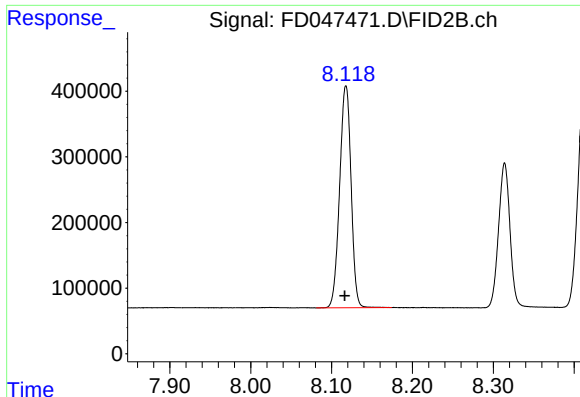
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 3649231
Conc: 20.01 ug/ml



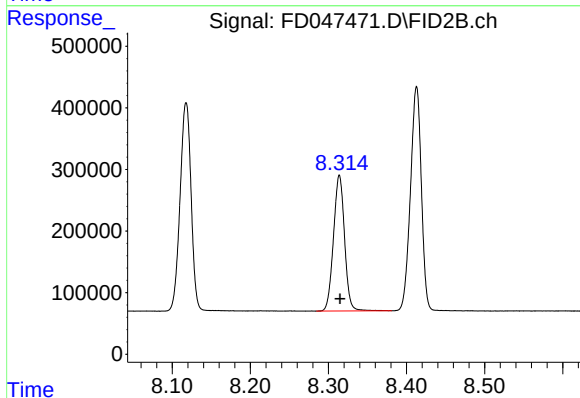
#4 2-Bromonaphthalene (SURR)

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 3309148
Conc: 20.04 ug/ml



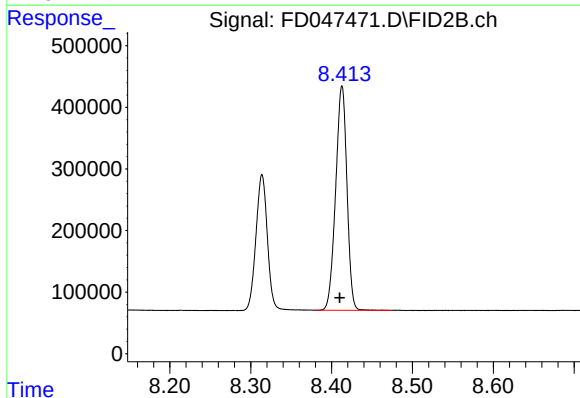
#5 Acenaphthylene (C15.06)

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 3323827
Conc: 19.94 ug/ml



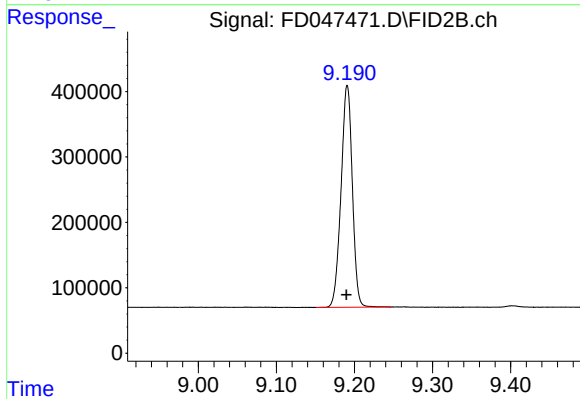
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2170780
Conc: 20.40 ug/ml



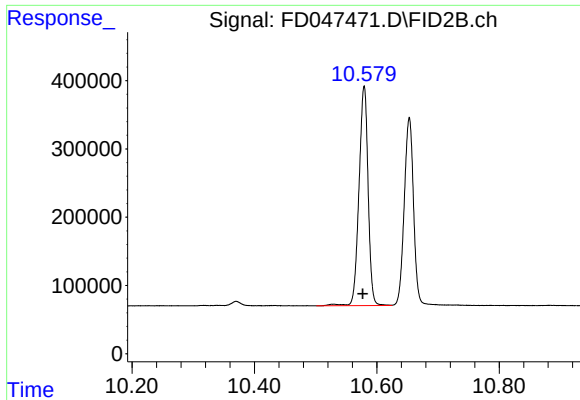
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 3531690
Conc: 20.05 ug/ml



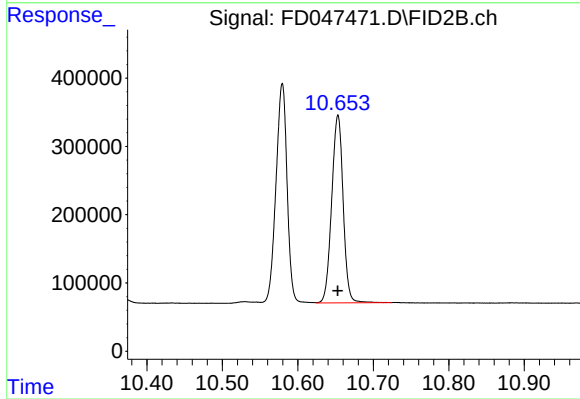
#8 Fluorene (C16.55)

R.T.: 9.191 min
Delta R.T.: 0.000 min
Response: 3410236
Conc: 20.25 ug/ml



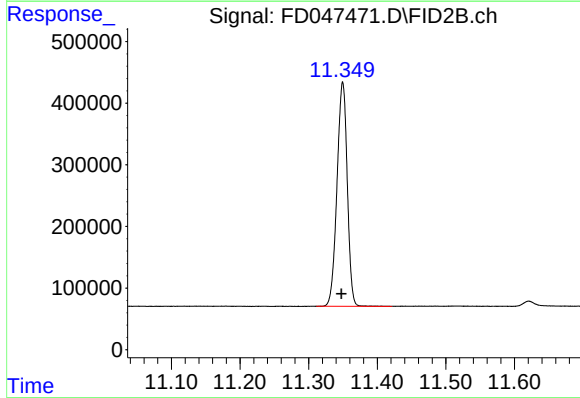
#9 Phenanthrene (C19.36)

R.T.: 10.579 min
Delta R.T.: 0.002 min
Response: 3324678
Conc: 20.53 ug/ml



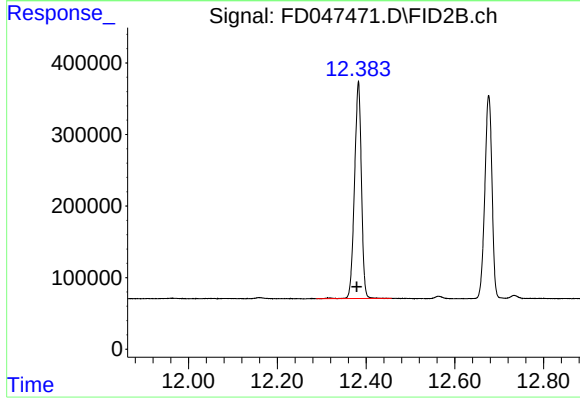
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 2891685
Conc: 19.65 ug/ml



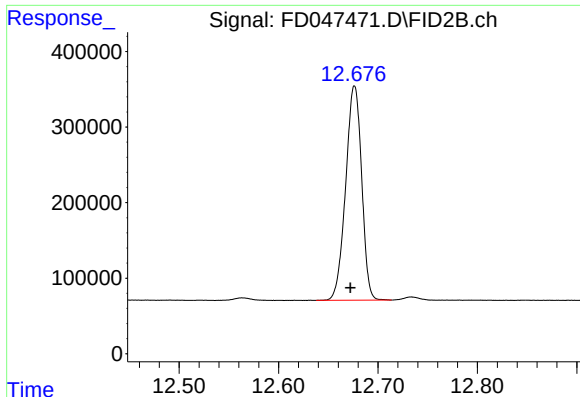
#11 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: 0.002 min
Response: 3776037
Conc: 20.23 ug/ml



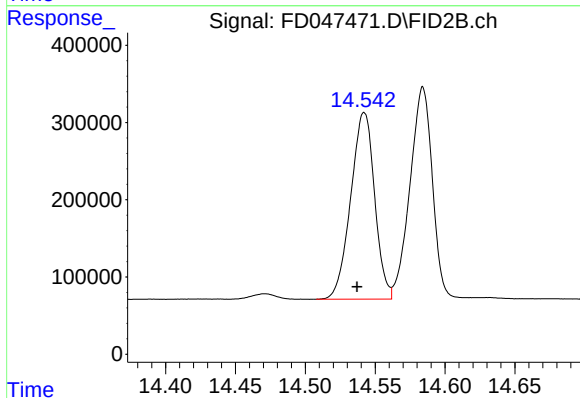
#12 Fluoranthene (C21.85)

R.T.: 12.383 min
Delta R.T.: 0.004 min
Response: 3258492
Conc: 20.44 ug/ml



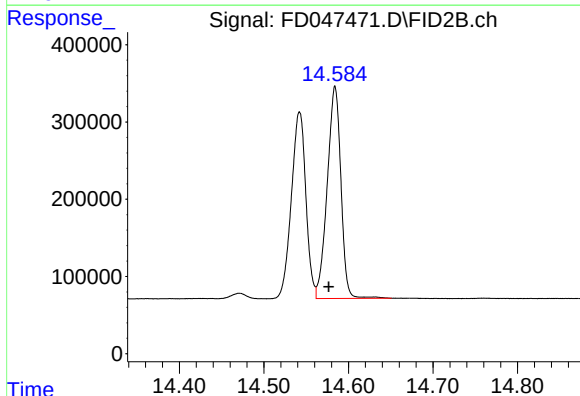
#13 Pyrene (C20.8)

R.T.: 12.676 min
Delta R.T.: 0.004 min
Response: 3168666
Conc: 20.48 ug/ml



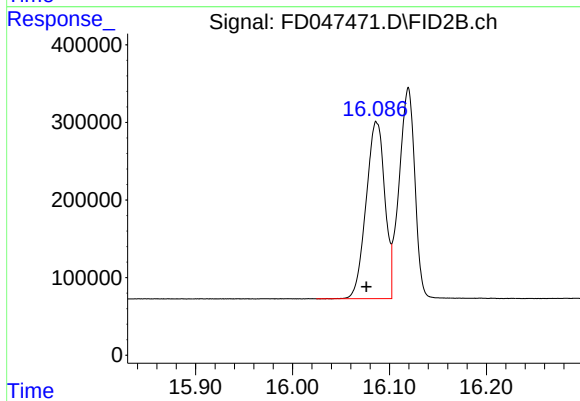
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.542 min
Delta R.T.: 0.005 min
Response: 2878885
Conc: 21.24 ug/ml



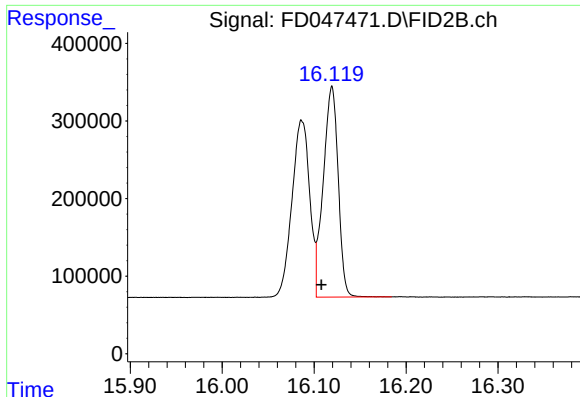
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.007 min
Response: 3090457
Conc: 20.82 ug/ml



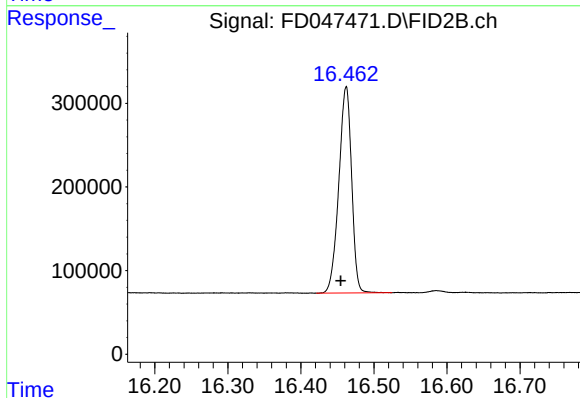
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.011 min
Response: 3054589
Conc: 21.76 ug/ml



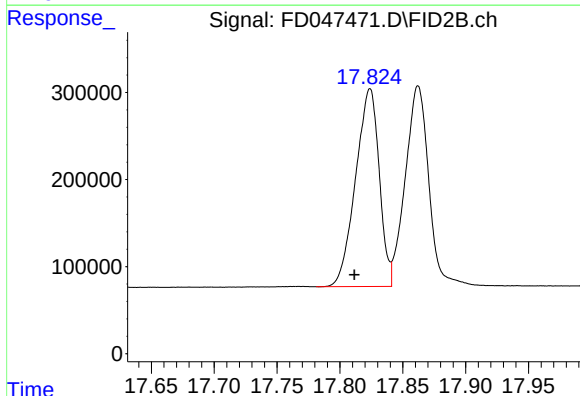
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.011 min
Response: 3065908
Conc: 21.65 ug/ml



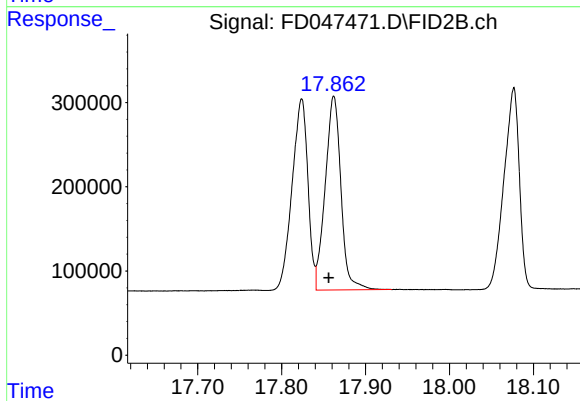
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.007 min
Response: 3004901
Conc: 21.75 ug/ml



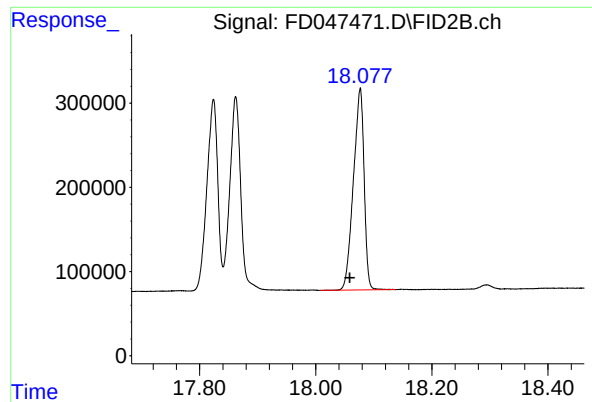
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.824 min
Delta R.T.: 0.012 min
Response: 2970243
Conc: 23.77 ug/ml



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

R.T.: 17.862 min
Delta R.T.: 0.006 min
Response: 2992291
Conc: 22.69 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.017 min
Response: 3060350
Conc: 22.78 ug/ml