

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046667.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 08:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:37:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.488	3698095	20.985 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
6) S 2-Fluorobiphenyl (SURR)	8.342	2420165	20.889 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.78%
11) S ortho-Terphenyl (SURR)	11.379	4303296	21.123 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	3860667	20.903 ug/ml
2) T Naphthalene (C11.7)	5.829	4039082	20.903 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4078683	21.047 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3695107	20.956 ug/ml
7) T Acenaphthene (C15.5)	8.441	3960541	21.079 ug/ml
8) T Fluorene (C16.55)	9.219	3800042	21.066 ug/ml
9) T Phenanthrene (C19.36)	10.607	3660177	20.817 ug/ml
10) T Anthracene (C19.43)	10.681	3301717	21.496 ug/ml
12) T Fluoranthene (C21.85)	12.410	3621821	21.250 ug/ml
13) T Pyrene (C20.8)	12.704	3464032	21.116 ug/ml
14) T Benzo[a]anthracene (C...	14.568	2922070	20.927 ug/ml
15) T Chrysene (C27.41)	14.610	3151849	20.763 ug/ml
16) T benzo[b]fluoranthene ...	16.109	2885596	21.037 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	2985047	21.549 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2761076	20.639 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2580653	20.588 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	2812292	21.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2742400	20.796 ug/ml

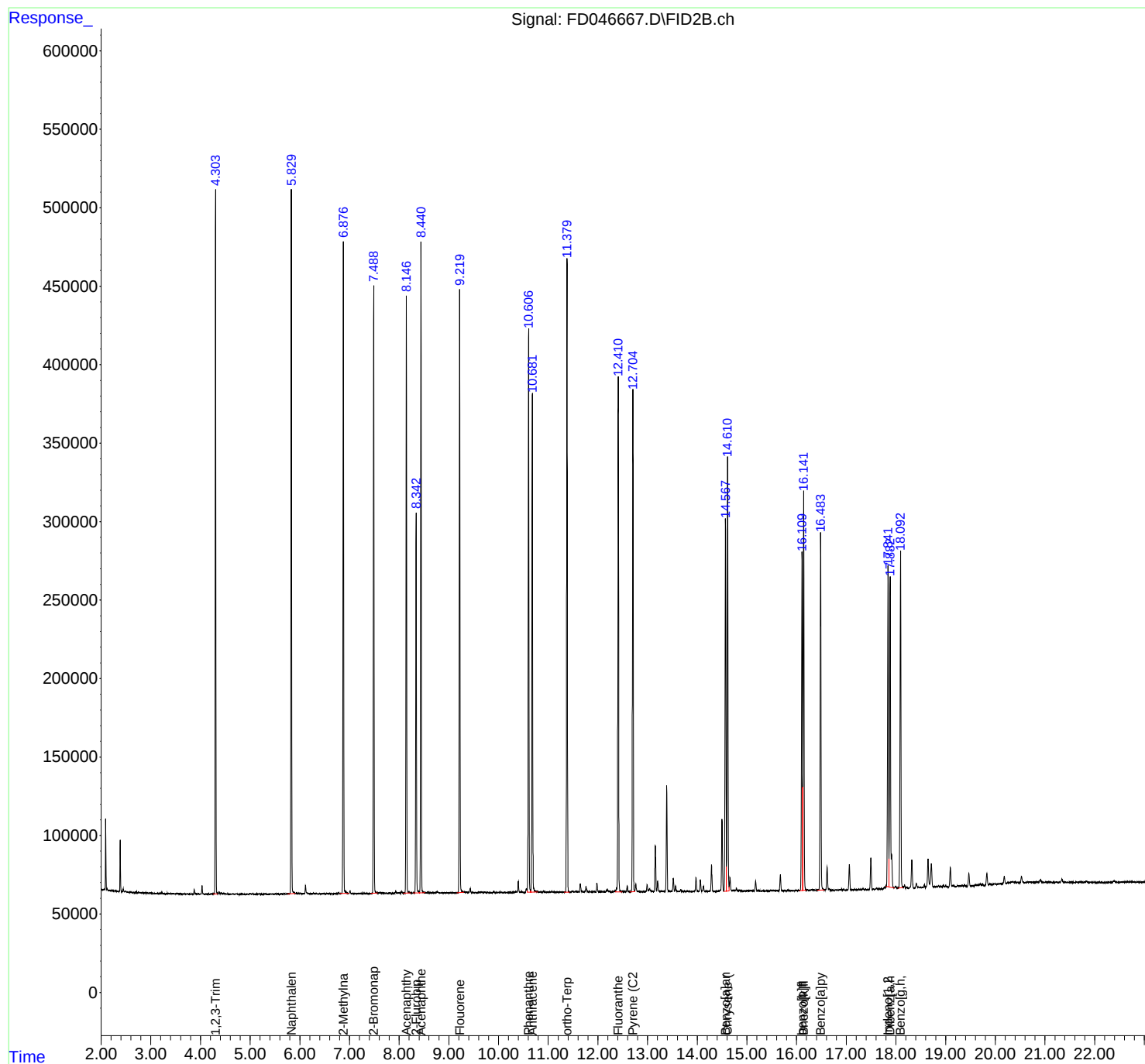
(f)=RT Delta > 1/2 Window

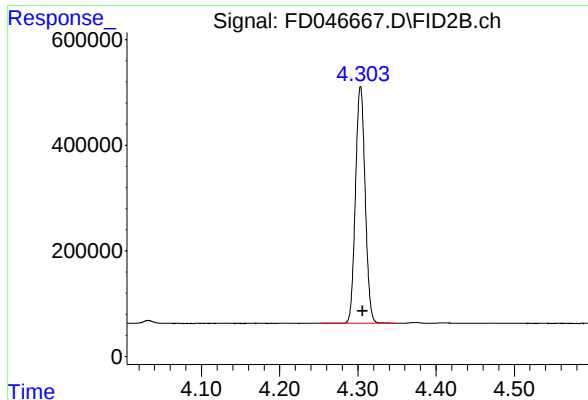
(m)=manual int.

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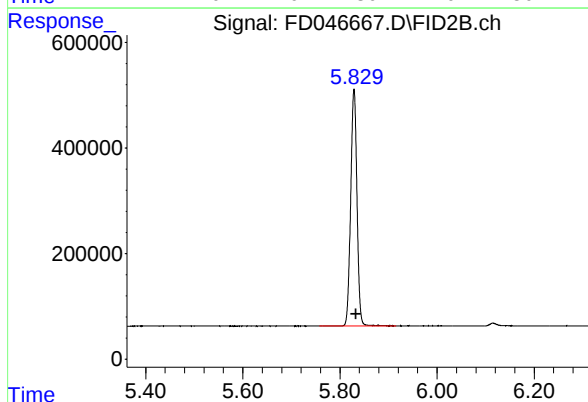
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Signal Info : 20M x 0.18mm x 0.18µm





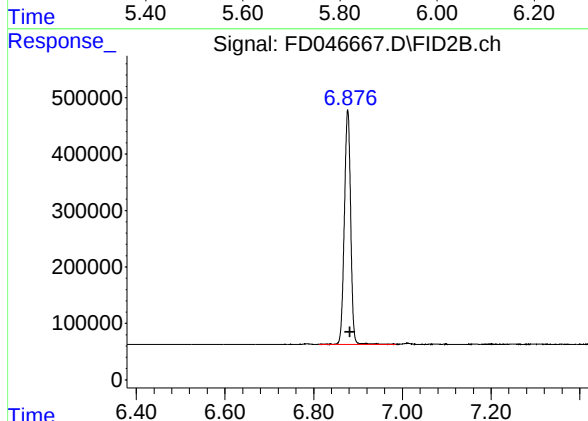
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 3860667
Conc: 20.90 ug/ml



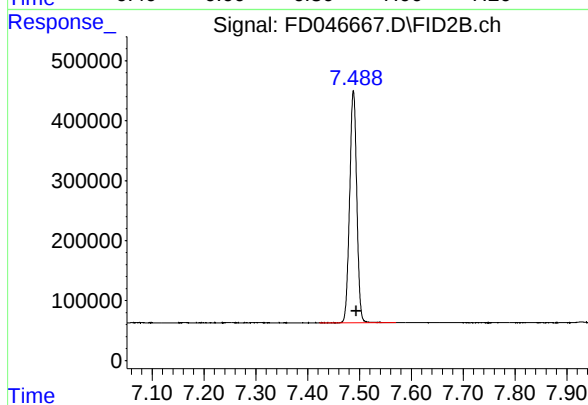
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4039082
Conc: 20.90 ug/ml



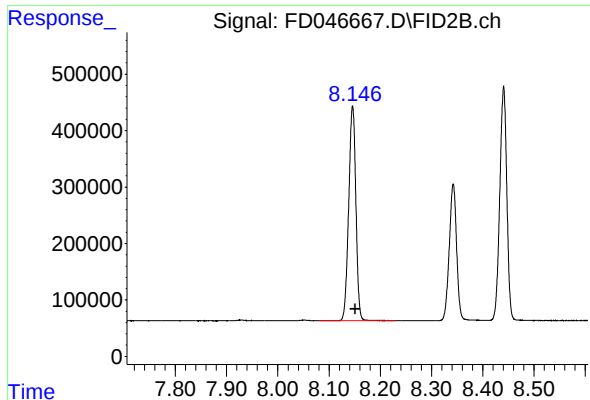
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 4078683
Conc: 21.05 ug/ml



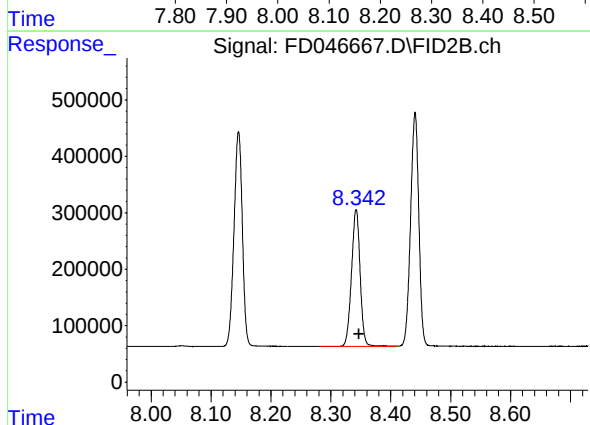
#4 2-Bromonaphthalene (SURR)

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 3698095
Conc: 20.98 ug/ml



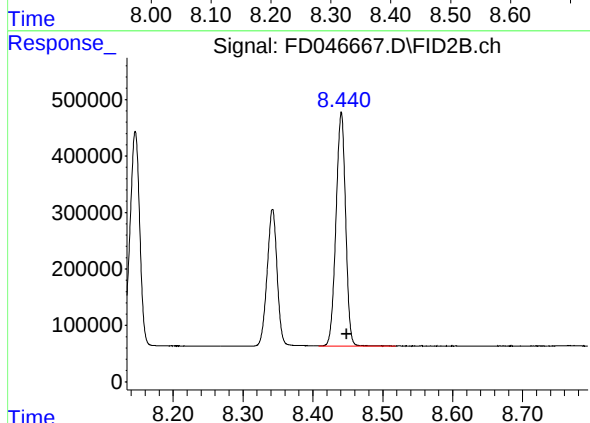
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3695107
Conc: 20.96 ug/ml



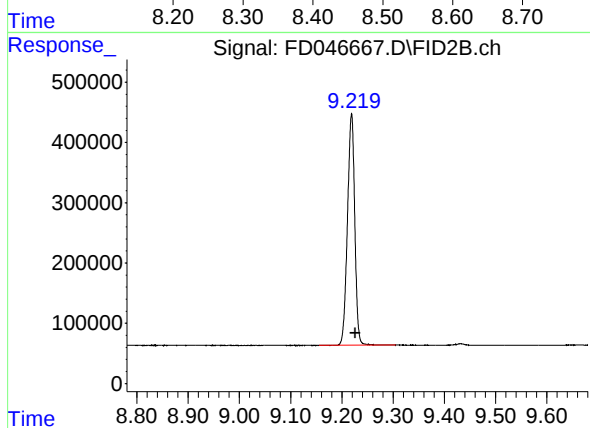
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2420165
Conc: 20.89 ug/ml



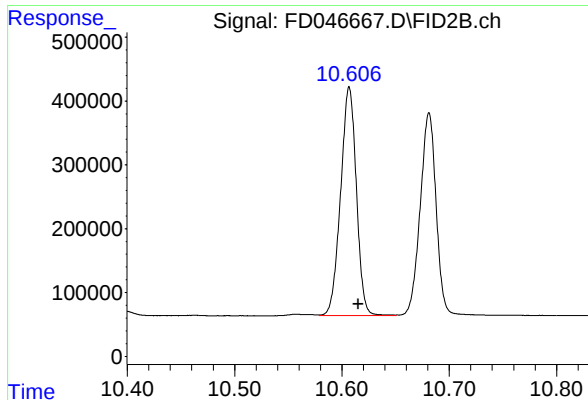
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.008 min
Response: 3960541
Conc: 21.08 ug/ml



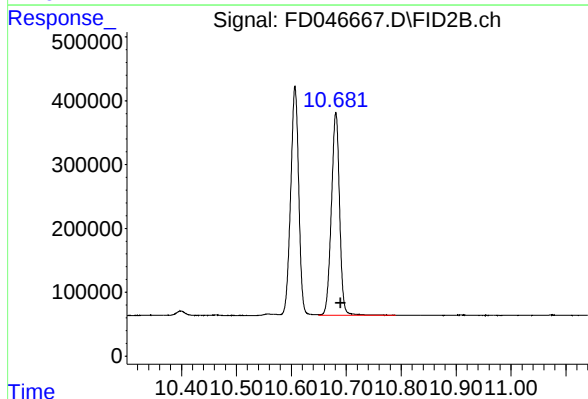
#8 Fluorene (C16.55)

R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 3800042
Conc: 21.07 ug/ml



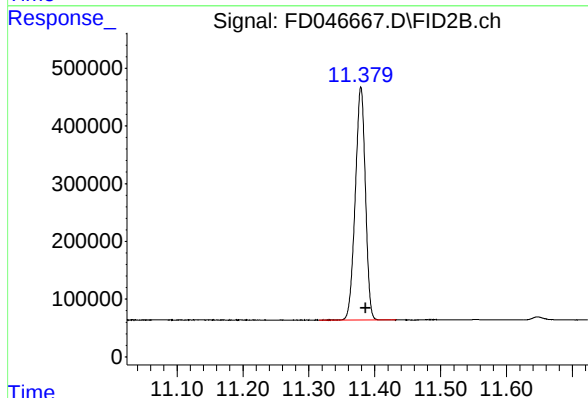
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: -0.009 min
Response: 3660177
Conc: 20.82 ug/ml



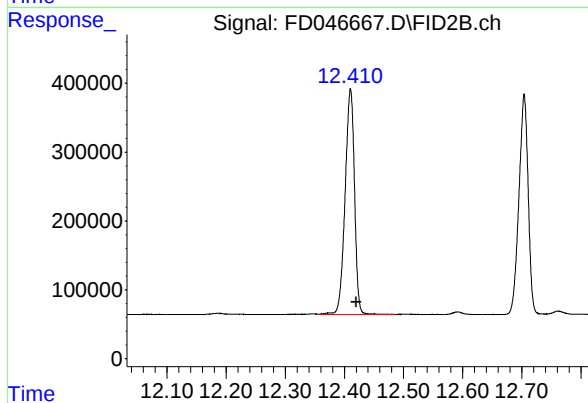
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 3301717
Conc: 21.50 ug/ml



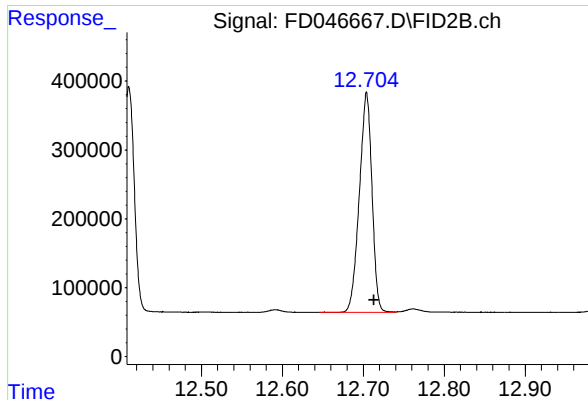
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.008 min
Response: 4303296
Conc: 21.12 ug/ml



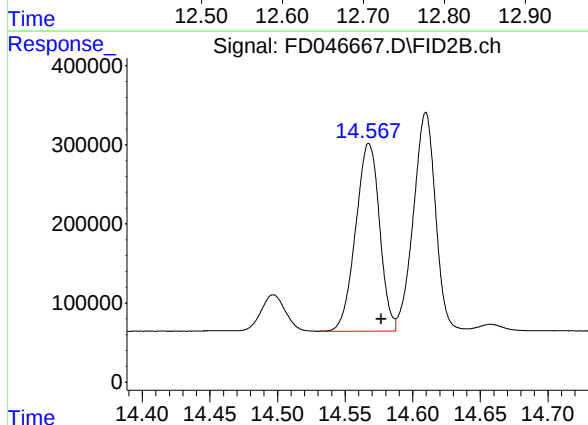
#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 3621821
Conc: 21.25 ug/ml



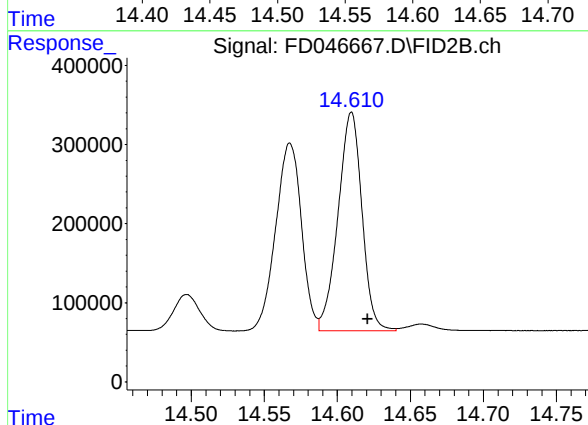
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.010 min
Response: 3464032
Conc: 21.12 ug/ml



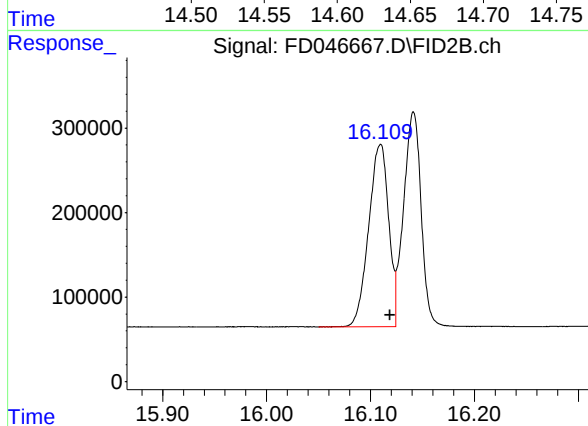
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 2922070
Conc: 20.93 ug/ml



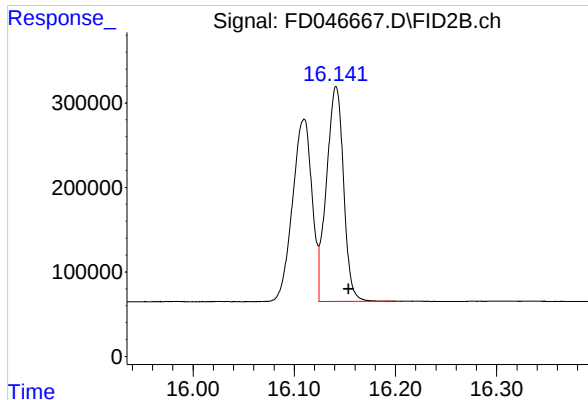
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.011 min
Response: 3151849
Conc: 20.76 ug/ml



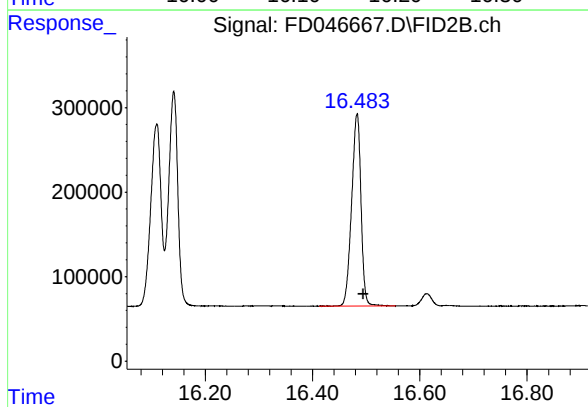
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 2885596
Conc: 21.04 ug/ml



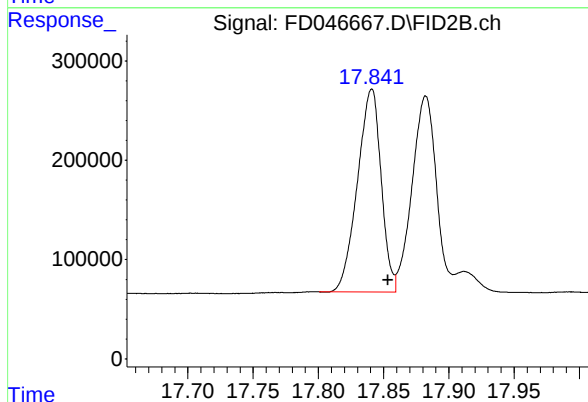
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 2985047
Conc: 21.55 ug/ml



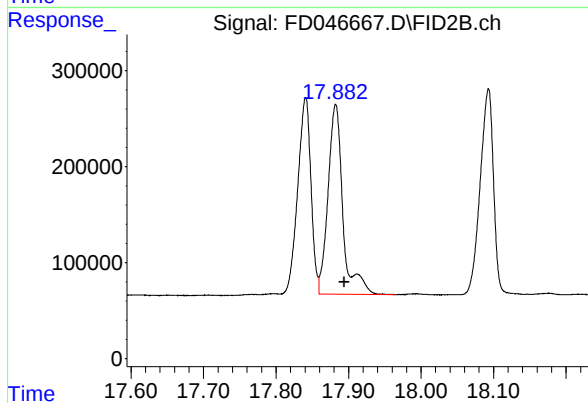
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 2761076
Conc: 20.64 ug/ml



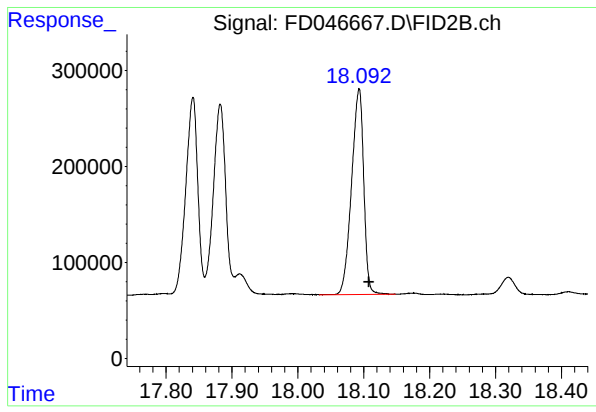
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2580653
Conc: 20.59 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 2812292
Conc: 21.13 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.016 min
Response: 2742400
Conc: 20.80 ug/ml