

Data Path : P:\HPCHEM1\FID D\Data\FD042518AR\
 Data File : FD023280.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2018 11:54
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 25 12:20:00 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.277	2520337	18.921 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
6) S 2-Fluorobiphenyl (SURR)	8.138	1428219	20.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.091	2743824	19.918 ug/ml
2) T Naphthalene (C11.7)	5.619	2728545	20.232 ug/ml
5) T Acenaphthylene (C15.06)	7.929	2761142	19.199 ug/ml
7) T Acenaphthene (C15.5)	8.220	3040993	18.255 ug/ml
8) T Fluorene (C16.55)	9.002	2713427	19.187 ug/ml
9) T Phenanthrene (C19.36)	10.392	2737264	20.675 ug/ml
10) T Anthracene (C19.43)	10.471	2784370	19.906 ug/ml
12) T Fluoranthene (C21.85)	12.198	2976063	21.420 ug/ml
13) T Pyrene (C20.8)	12.489	2961794	20.840 ug/ml
14) T Benzo[a]anthracene (C...	14.367	2845751	22.559 ug/ml
15) T Chrysene (C27.41)	14.409	3187123	20.469 ug/ml
16) T benzo[b]fluoranthene ...	15.923	2939256	21.674 ug/ml
17) T Bnezo[k]fluoranthene ...	15.954	3371631	20.683 ug/ml
19) T Indeno[1,2,3-cd]pyn...	17.685	2645152	20.447 ug/ml
20) T Dibenz[a,h]anthracene...	17.709	3585070	21.618 ug/ml
21) T Benzo[a,h,i]perylene ...	17.933	3060738	20.721 ug/ml

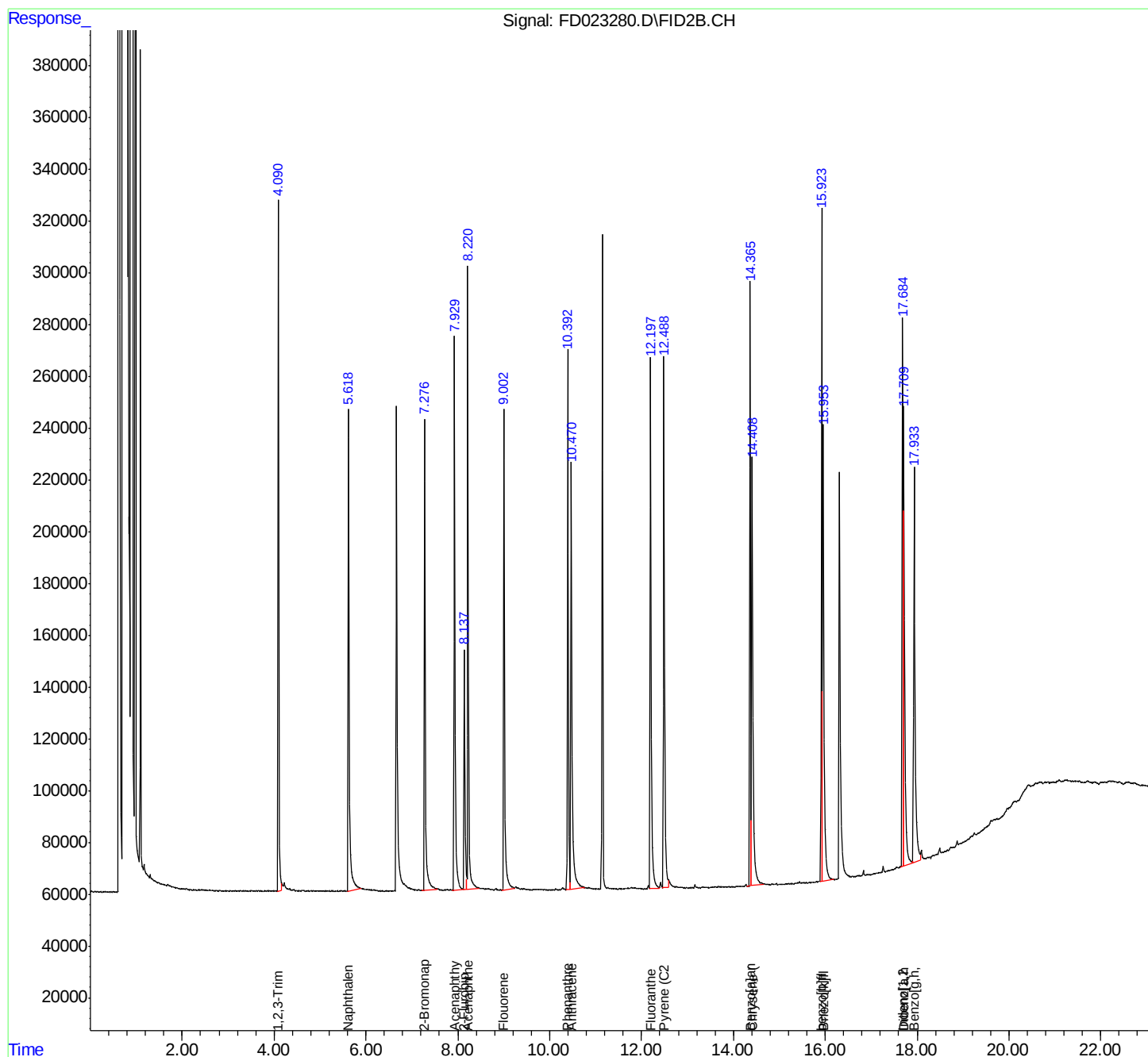
(f)=RT Delta > 1/2 Window

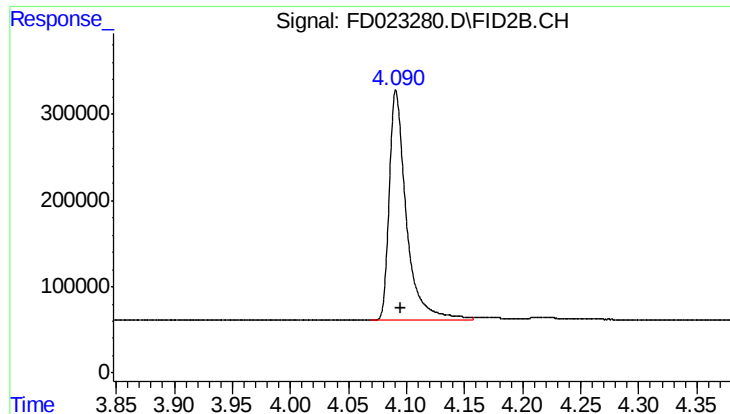
(m)=manual int.

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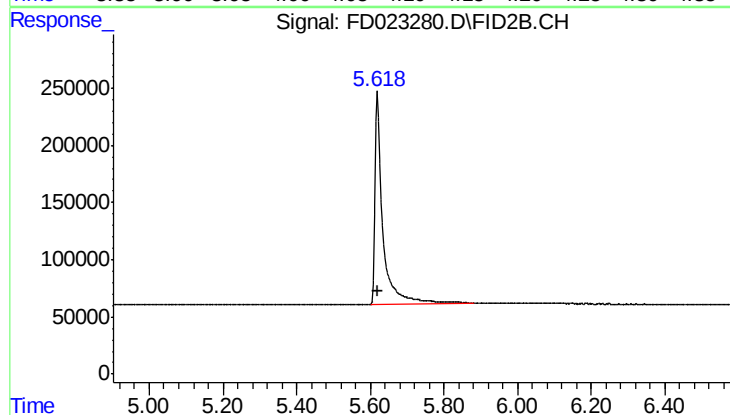
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Signal Info : 20M x 0.18mm x 0.18µm





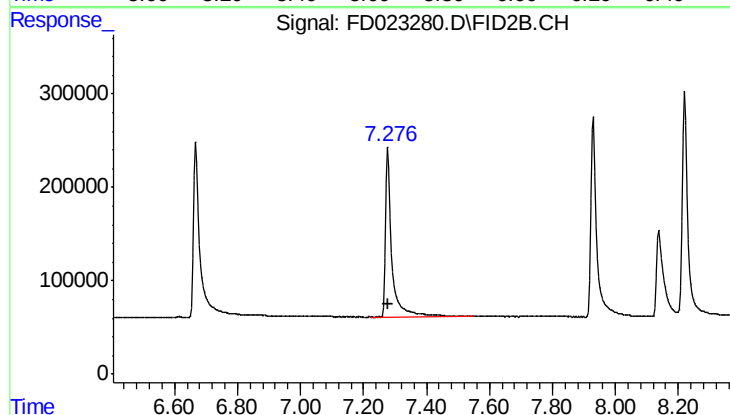
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.091 min
Delta R.T.: -0.004 min
Response: 2743824
Conc: 19.92 ug/ml



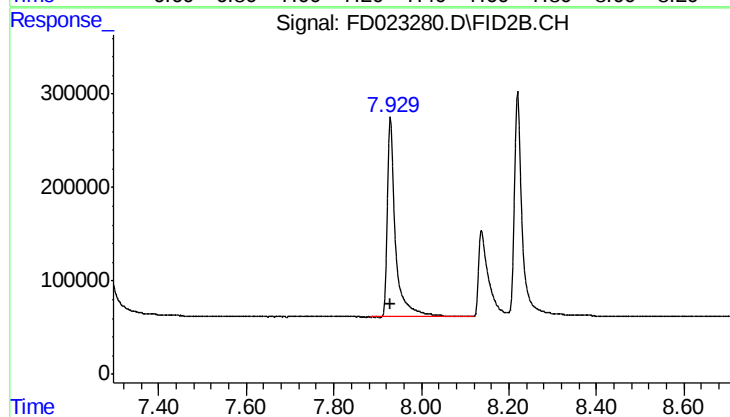
#2 Naphthalene (C11.7)

R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 2728545
Conc: 20.23 ug/ml



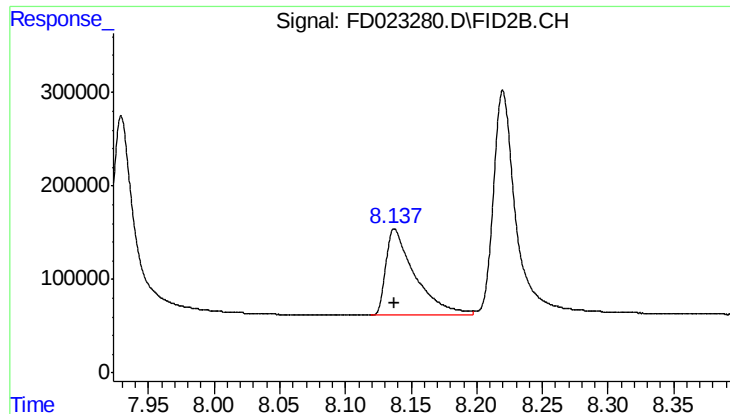
#4 2-Bromonaphthalene (SURR)

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 2520337
Conc: 18.92 ug/ml



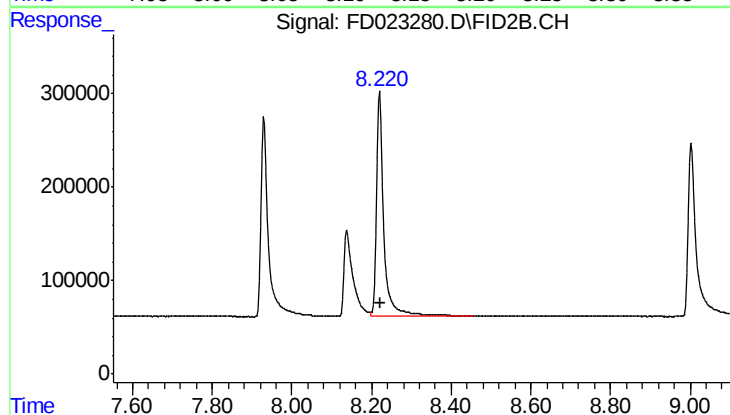
#5 Acenaphthylene (C15.06)

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 2761142
Conc: 19.20 ug/ml



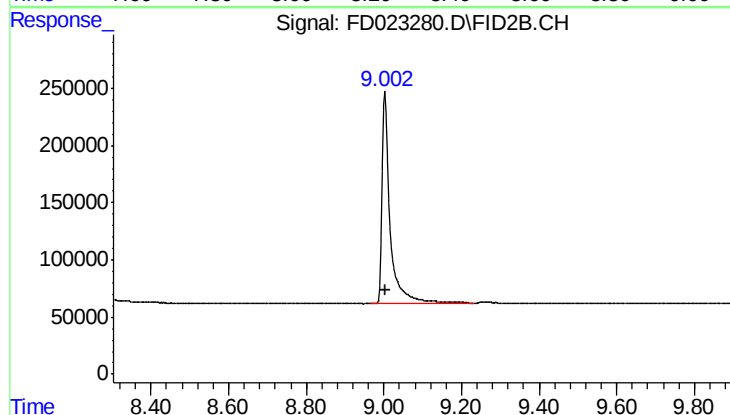
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 1428219
Conc: 20.57 ug/ml



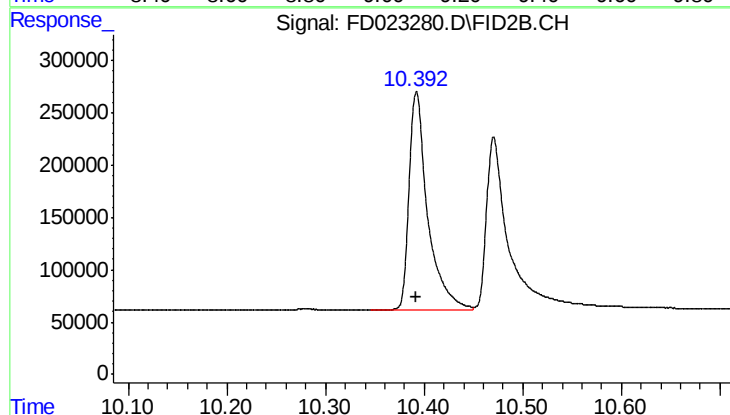
#7 Acenaphthene (C15.5)

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 3040993
Conc: 18.25 ug/ml



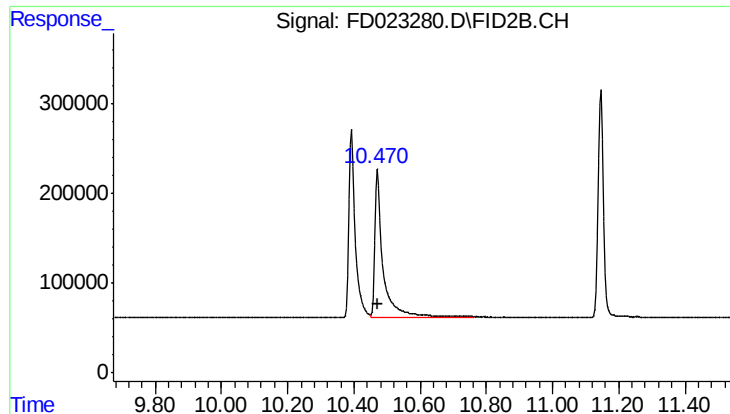
#8 Flouorene (C16.55)

R.T.: 9.002 min
Delta R.T.: -0.001 min
Response: 2713427
Conc: 19.19 ug/ml



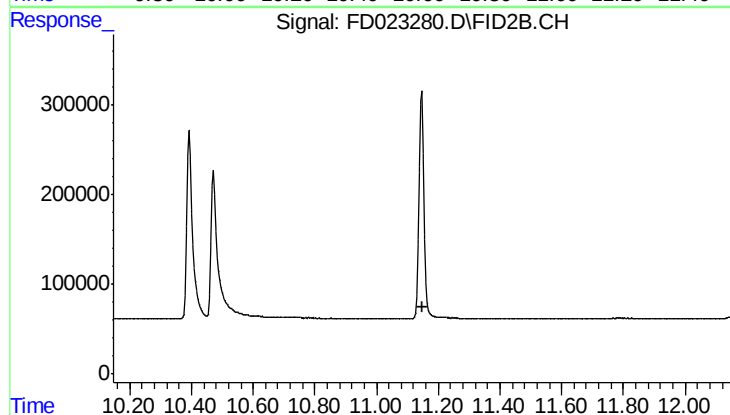
#9 Phenanthrene (C19.36)

R.T.: 10.392 min
Delta R.T.: 0.000 min
Response: 2737264
Conc: 20.68 ug/ml



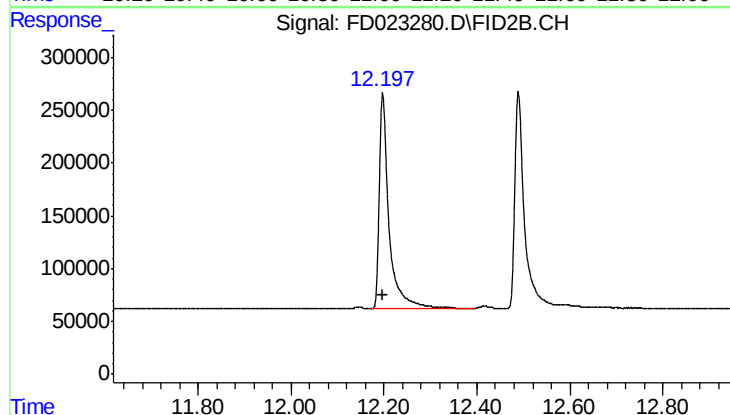
#10 Anthracene (C19.43)

R.T.: 10.471 min
Delta R.T.: 0.000 min
Response: 2784370
Conc: 19.91 ug/ml



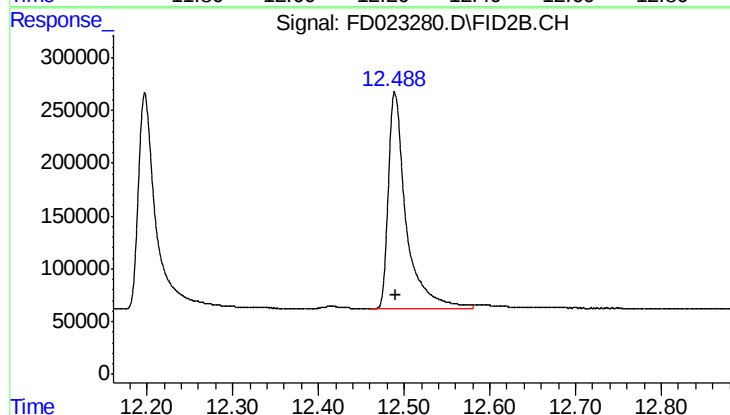
#11 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.147 min
Response: 0
Conc: N.D.



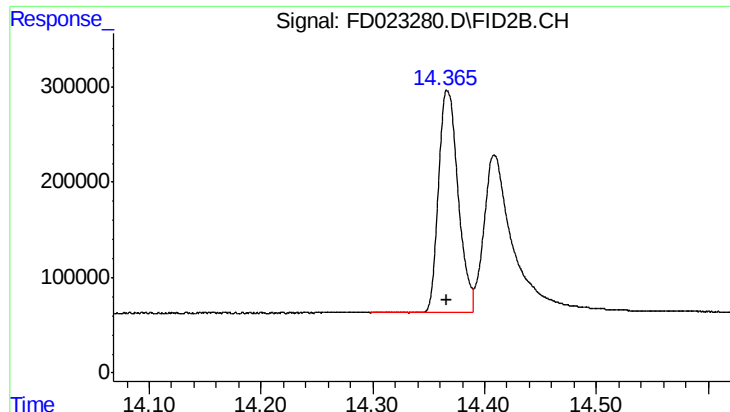
#12 Fluoranthene (C21.85)

R.T.: 12.198 min
Delta R.T.: 0.000 min
Response: 2976063
Conc: 21.42 ug/ml



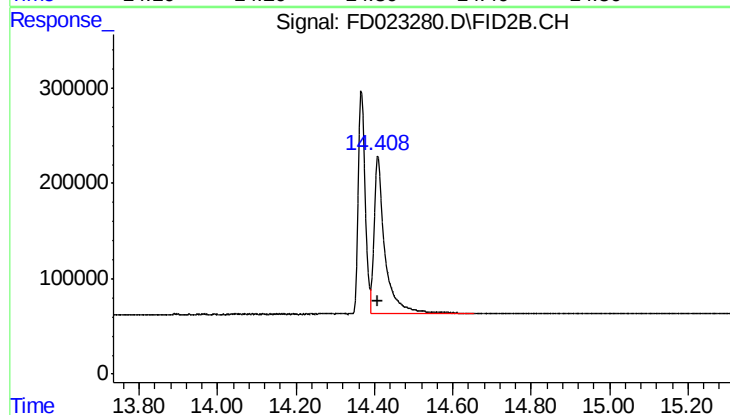
#13 Pyrene (C20.8)

R.T.: 12.489 min
Delta R.T.: 0.000 min
Response: 2961794
Conc: 20.84 ug/ml



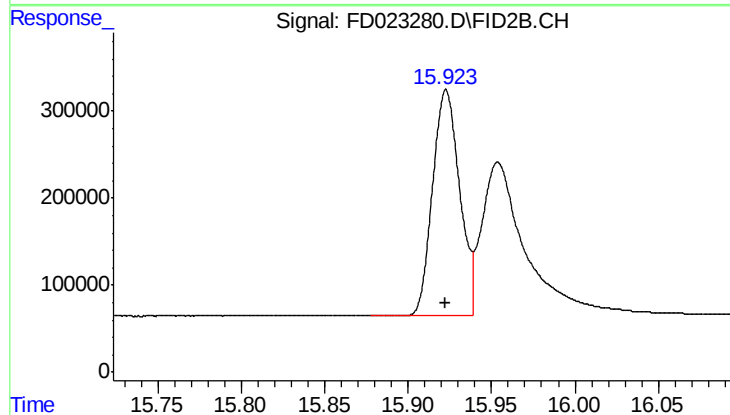
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.367 min
Delta R.T.: 0.000 min
Response: 2845751
Conc: 22.56 ug/ml



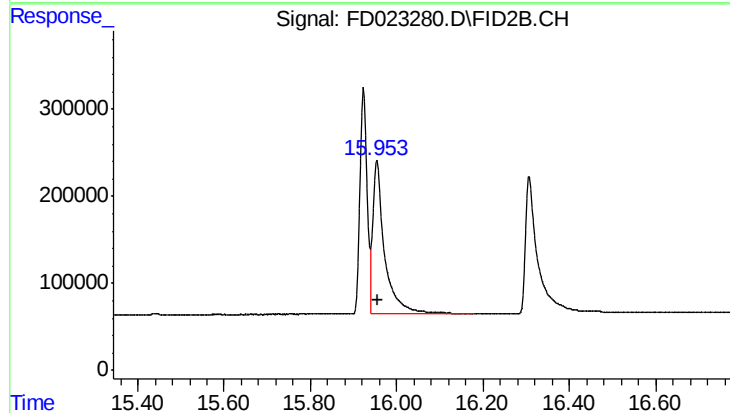
#15 Chrysene (C27.41)

R.T.: 14.409 min
Delta R.T.: 0.000 min
Response: 3187123
Conc: 20.47 ug/ml



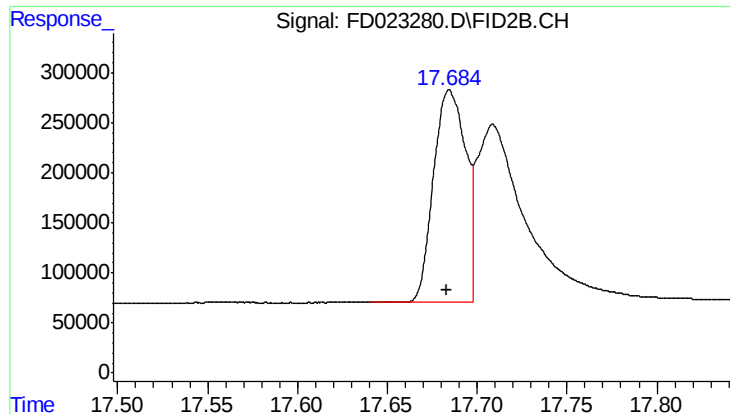
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.923 min
Delta R.T.: 0.000 min
Response: 2939256
Conc: 21.67 ug/ml



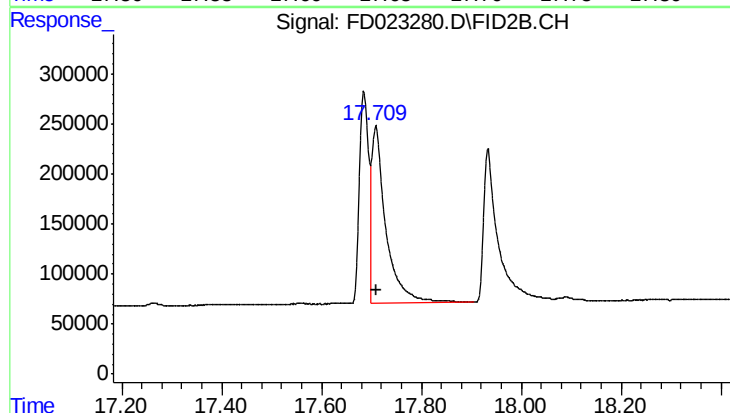
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 3371631
Conc: 20.68 ug/ml



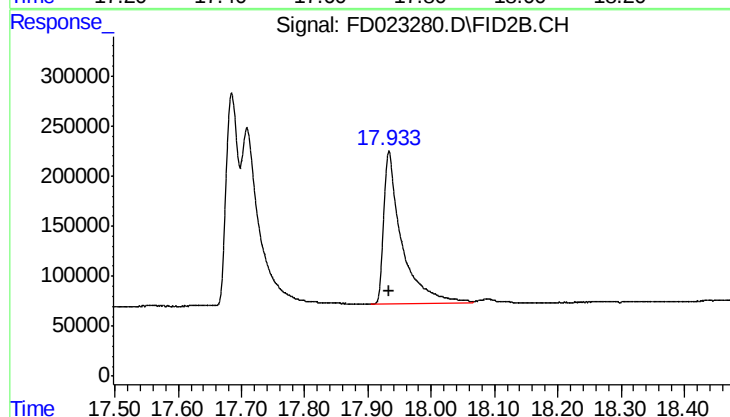
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.685 min
Delta R.T.: 0.001 min
Response: 2645152
Conc: 20.45 ug/ml



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

R.T.: 17.709 min
Delta R.T.: 0.000 min
Response: 3585070
Conc: 21.62 ug/ml



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

R.T.: 17.933 min
Delta R.T.: 0.000 min
Response: 3060738
Conc: 20.72 ug/ml