

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034282.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 6:10
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 06:34:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 05:27:18 2020
 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...	7.703	2606853	22.280 ug/ml
Spiked Amount 50.000		Recovery =	44.56%
6) S 2-Fluorobiphenyl (SURR)	8.568	1845063	22.244 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.49%
11) S ortho-Terphenyl (SURR)	11.610	3000212	22.073 ug/ml
Spiked Amount 50.000		Recovery =	44.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2817041	22.093 ug/ml
2) T Naphthalene (C11.7)	6.040	2974904	22.244 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	3003232	22.253 ug/ml
5) T Acenaphthylene (C15.06)	8.372	2927235	22.107 ug/ml
7) T Acenaphthene (C15.5)	8.667	2984062	22.187 ug/ml
8) T Fluorene (C16.55)	9.448	2946741	22.130 ug/ml
9) T Phenanthrene (C19.36)	10.847	2963670	22.059 ug/ml
10) T Anthracene (C19.43)	10.921	2939626	22.094 ug/ml
12) T Fluoranthene (C21.85)	12.659	2971368	21.857 ug/ml
13) T Pyrene (C20.8)	12.957	2901798	21.788 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2816478	21.443 ug/ml
15) T Chrysene (C27.41)	14.869	2807325	21.406 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2687519	20.954 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2614930	21.056 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2618559	20.899 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	2446688	20.295 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	2448777	20.593 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2433004	20.494 ug/ml

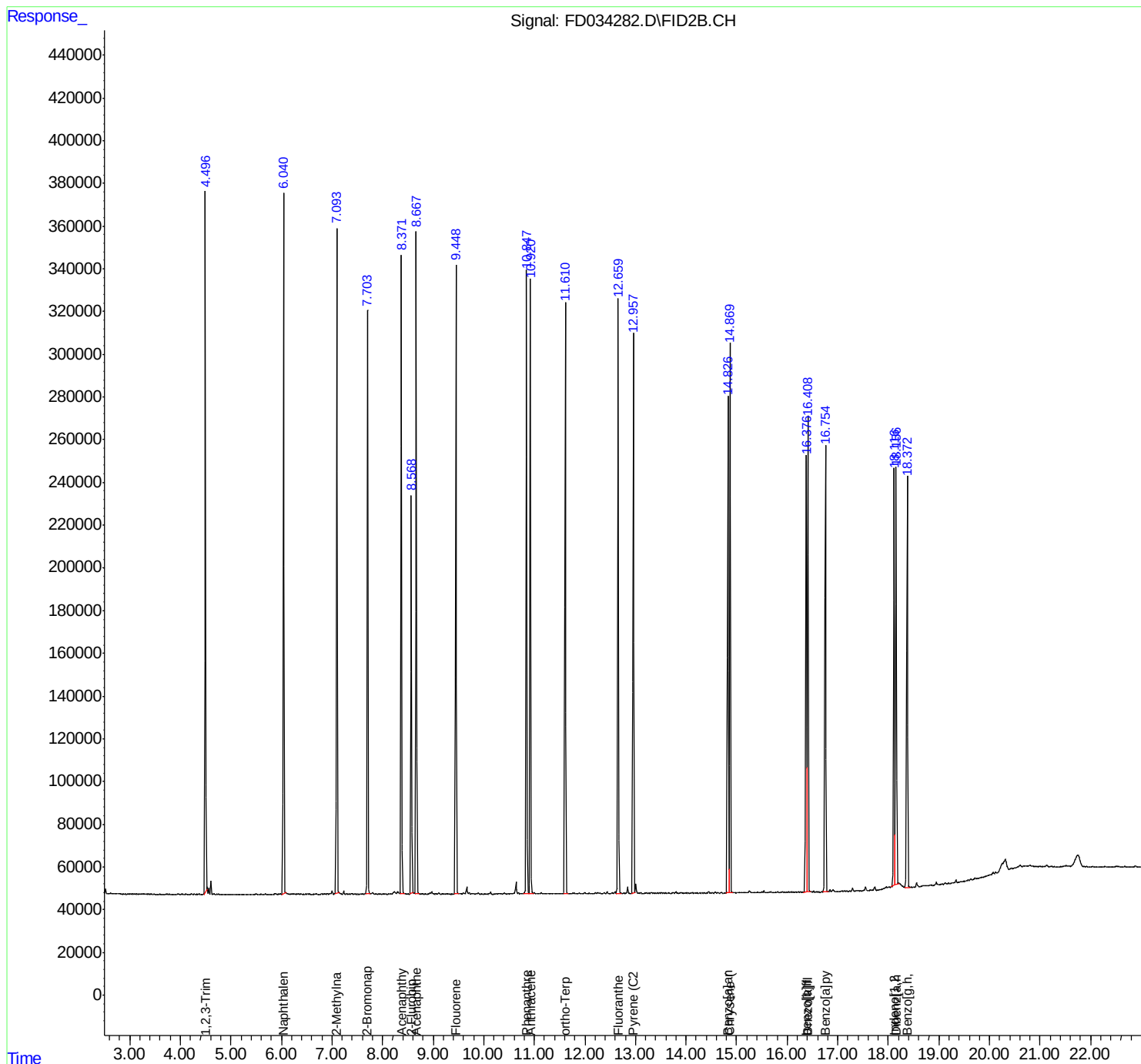
(f)=RT Delta > 1/2 Window

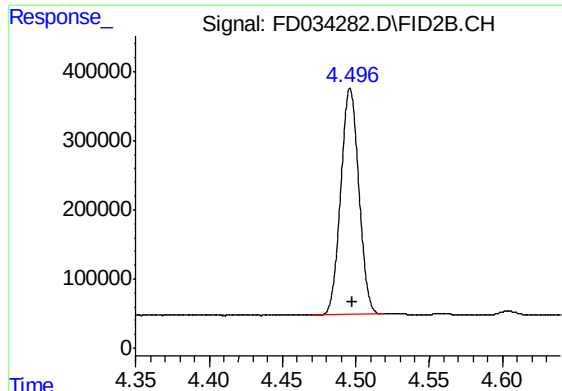
(m)=manual int.

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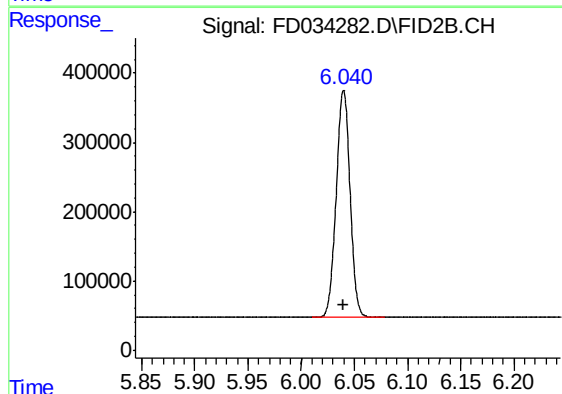
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





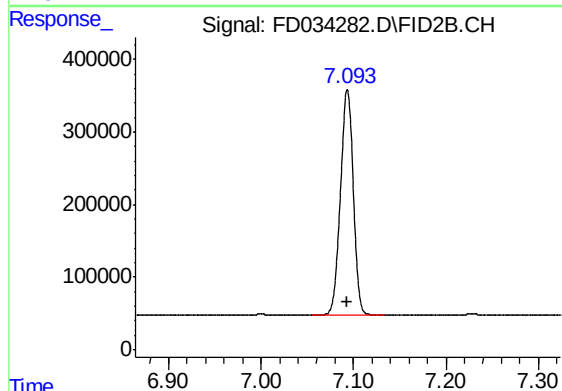
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 2817041
Conc: 22.09 ug/ml



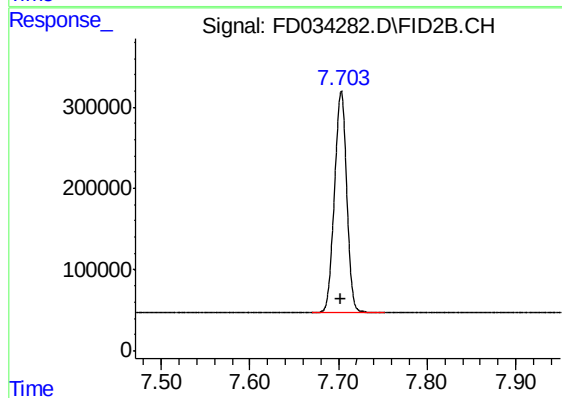
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 2974904
Conc: 22.24 ug/ml



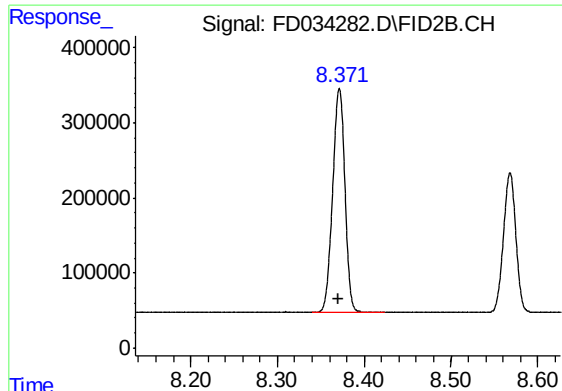
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 3003232
Conc: 22.25 ug/ml



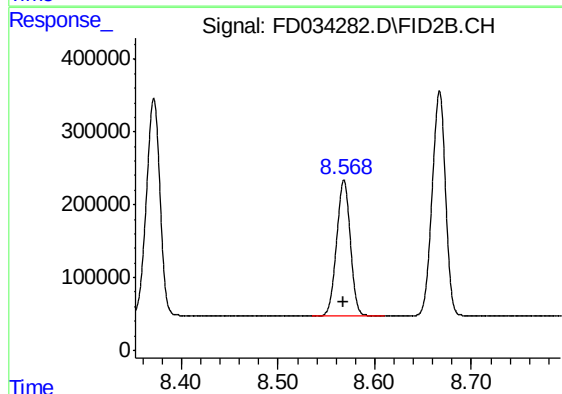
#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: 0.001 min
Response: 2606853
Conc: 22.28 ug/ml



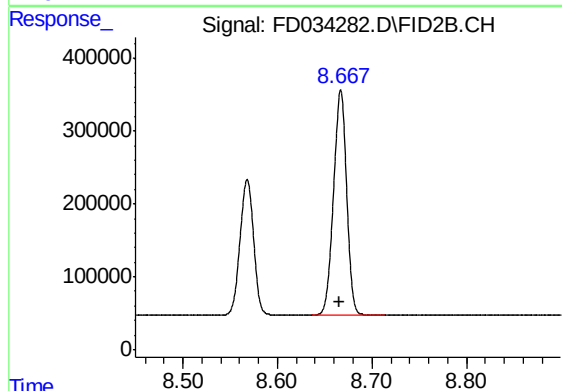
#5 Acenaphthylene (C15.06)

R.T.: 8.372 min
Delta R.T.: 0.001 min
Response: 2927235
Conc: 22.11 ug/ml



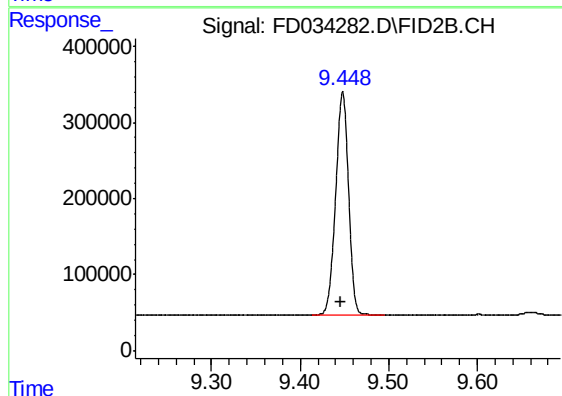
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 1845063
Conc: 22.24 ug/ml



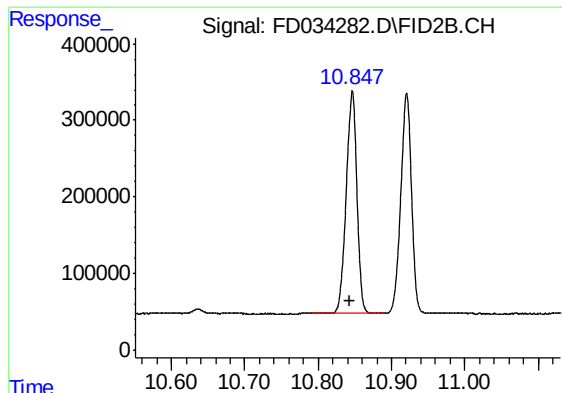
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: 0.002 min
Response: 2984062
Conc: 22.19 ug/ml



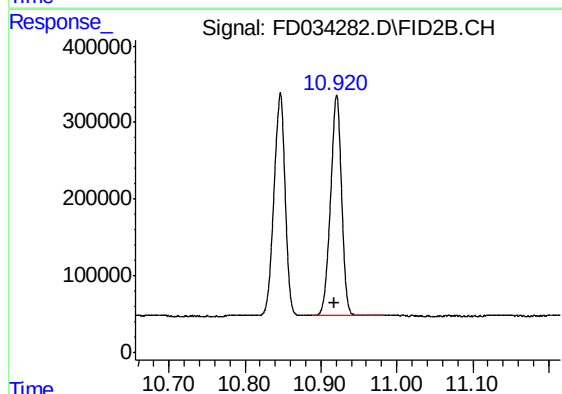
#8 Fluorene (C16.55)

R.T.: 9.448 min
Delta R.T.: 0.002 min
Response: 2946741
Conc: 22.13 ug/ml



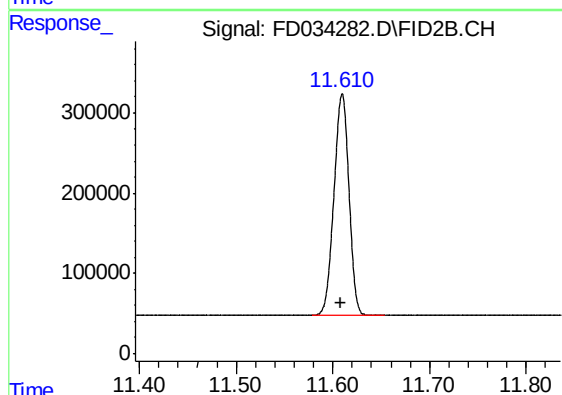
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: 0.003 min
Response: 2963670
Conc: 22.06 ug/ml



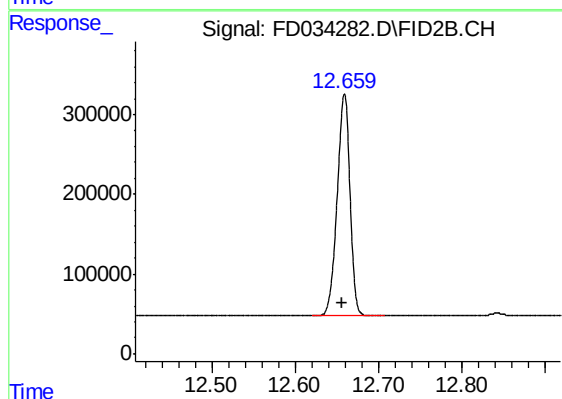
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: 0.002 min
Response: 2939626
Conc: 22.09 ug/ml



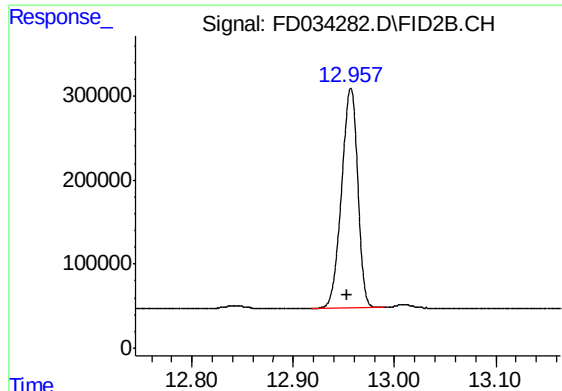
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.002 min
Response: 3000212
Conc: 22.07 ug/ml



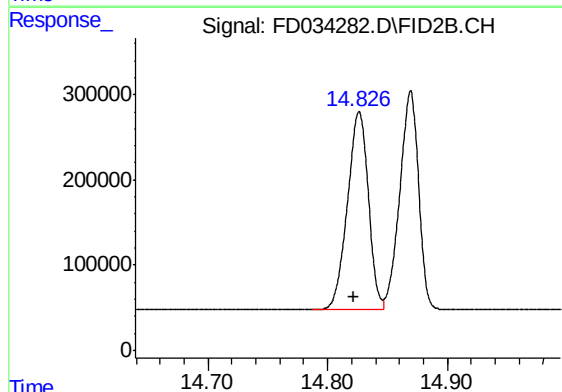
#12 Fluoranthene (C21.85)

R.T.: 12.659 min
Delta R.T.: 0.004 min
Response: 2971368
Conc: 21.86 ug/ml



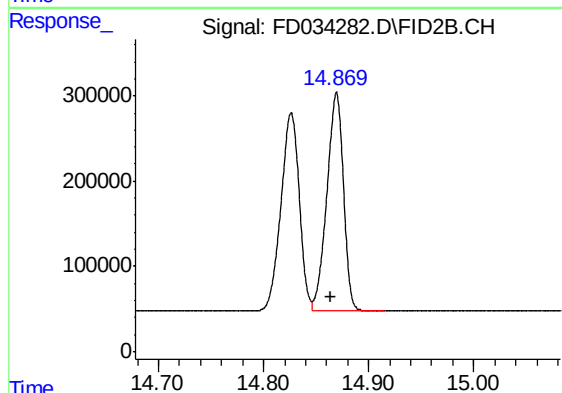
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: 0.004 min
Response: 2901798
Conc: 21.79 ug/ml



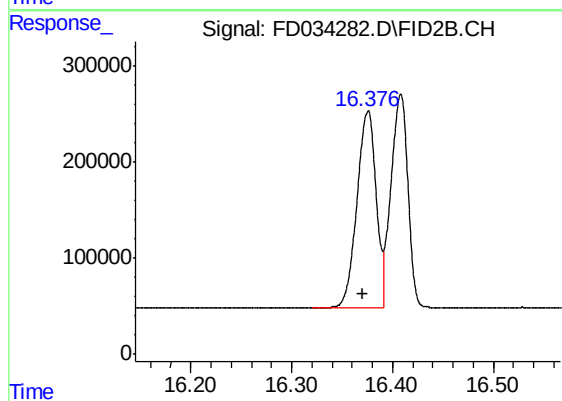
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: 0.005 min
Response: 2816478
Conc: 21.44 ug/ml



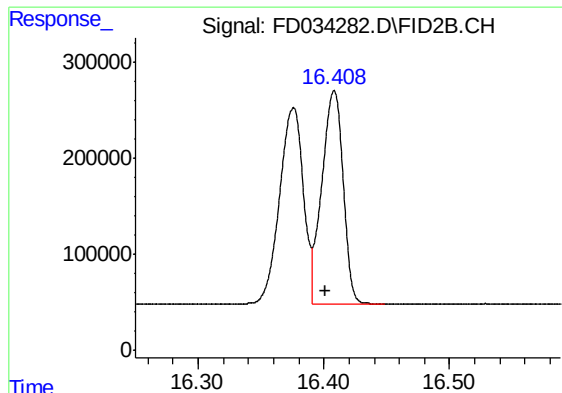
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: 0.006 min
Response: 2807325
Conc: 21.41 ug/ml



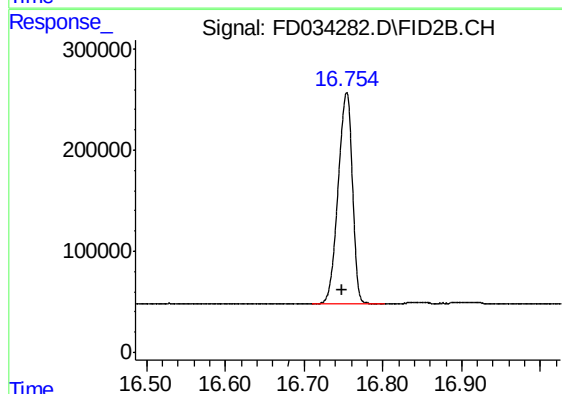
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: 0.005 min
Response: 2687519
Conc: 20.95 ug/ml



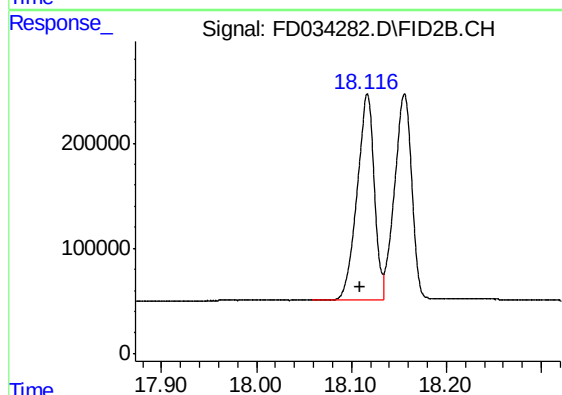
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: 0.006 min
Response: 2614930
Conc: 21.06 ug/ml



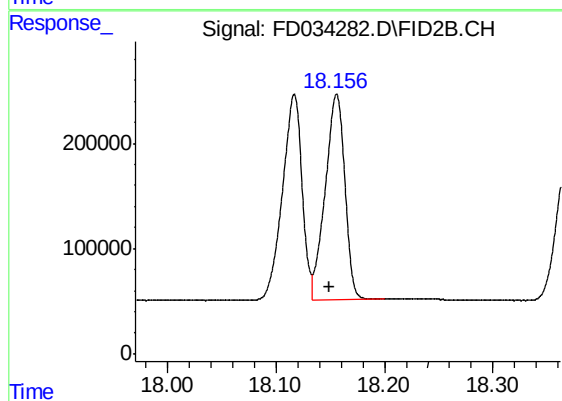
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: 0.005 min
Response: 2618559
Conc: 20.90 ug/ml



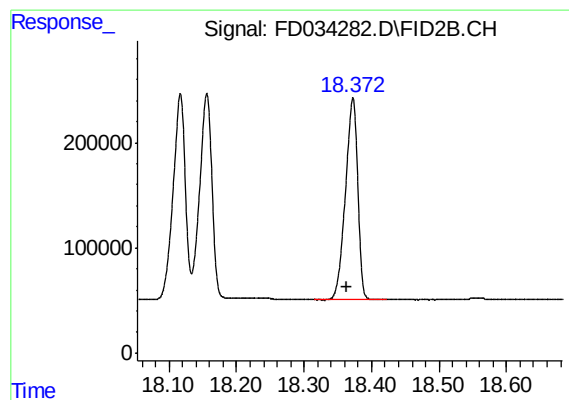
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: 0.007 min
Response: 2446688
Conc: 20.30 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.007 min
Response: 2448777
Conc: 20.59 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.009 min
Response: 2433004
Conc: 20.49 ug/ml