

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 03 10:50:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:46:58 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	2604049	21.530 ug/ml
Spiked Amount 50.000		Recovery =	43.06%
6) S 2-Fluorobiphenyl (SURR)	8.568	1843470	21.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.93%
11) S ortho-Terphenyl (SURR)	11.610	3000212	21.366 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2817041	21.555 ug/ml
2) T Naphthalene (C11.7)	6.040	2974904	21.497 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	3003232	21.517 ug/ml
5) T Acenaphthylene (C15.06)	8.372	2925757	21.434 ug/ml
7) T Acenaphthene (C15.5)	8.667	2983604	21.464 ug/ml
8) T Flouorene (C16.55)	9.448	2945371	21.416 ug/ml
9) T Phenanthrene (C19.36)	10.847	2960505	21.318 ug/ml
10) T Anthracene (C19.43)	10.921	2928943	21.323 ug/ml
12) T Fluoranthene (C21.85)	12.659	2971368	21.140 ug/ml
13) T Pyrene (C20.8)	12.957	2901798	21.095 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2816085	20.748 ug/ml
15) T Chrysene (C27.41)	14.869	2805745	20.726 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2687383	20.398 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2614634	20.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2618167	20.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.117	2451728	19.901 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	2450418	19.945 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2432418	19.854 ug/ml

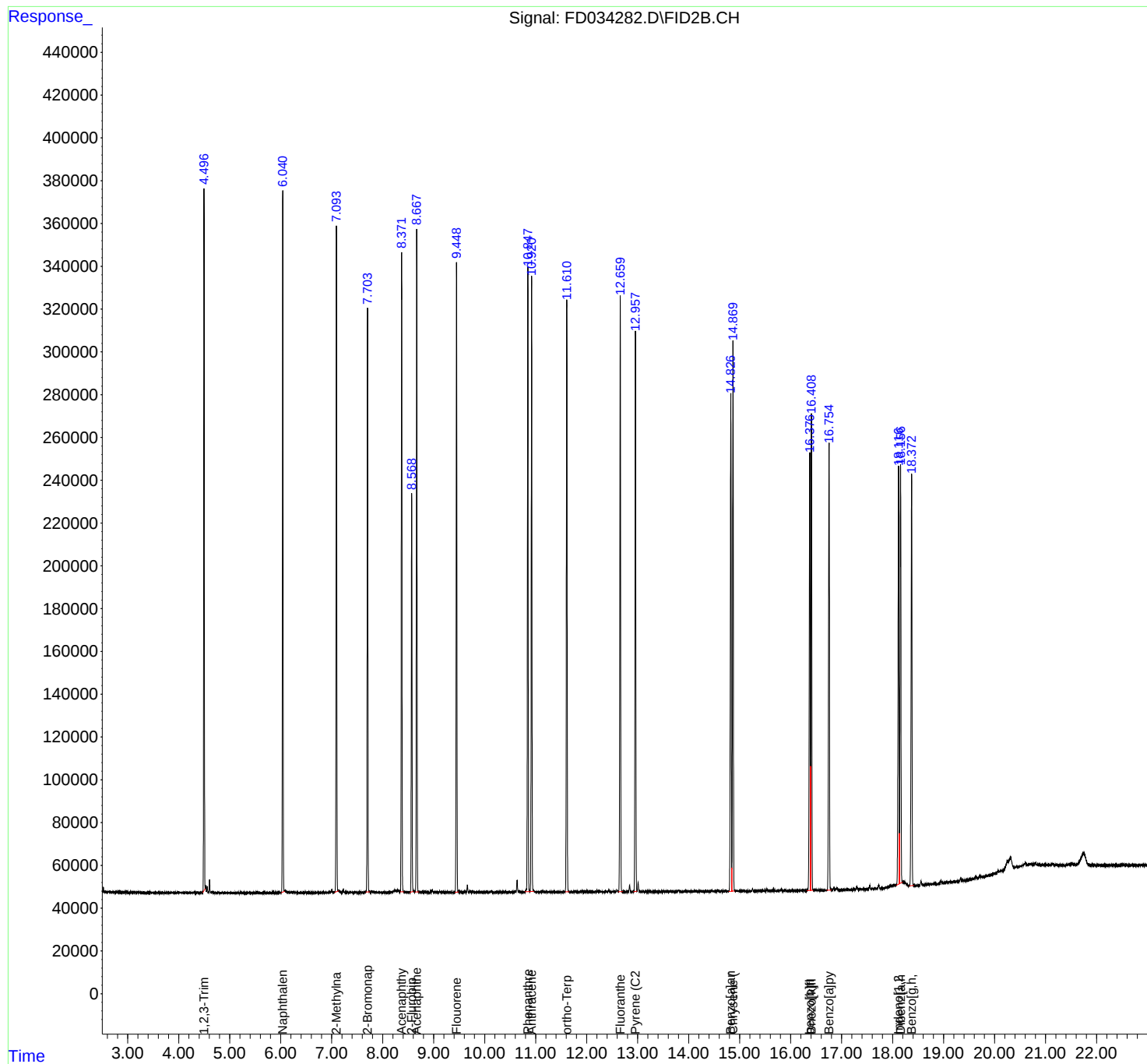
(f)=RT Delta > 1/2 Window

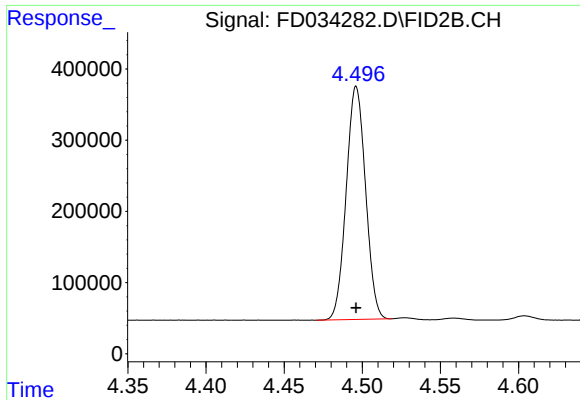
(m)=manual int.

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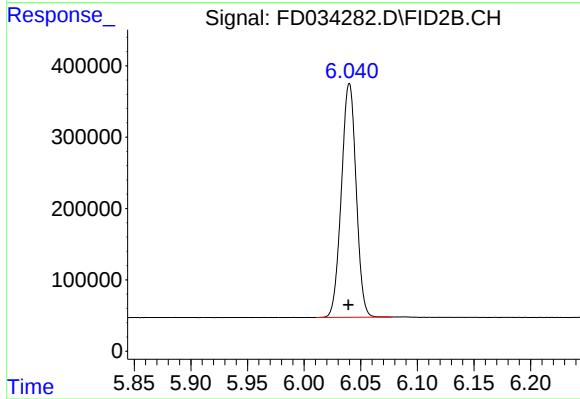
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Signal Info : 20M x 0.18mm x 0.18µm





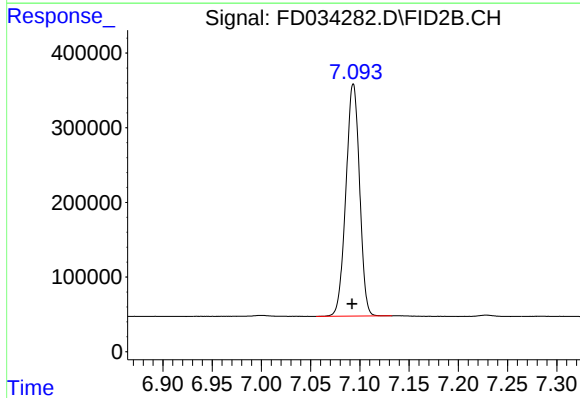
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 2817041
Conc: 21.55 ug/ml



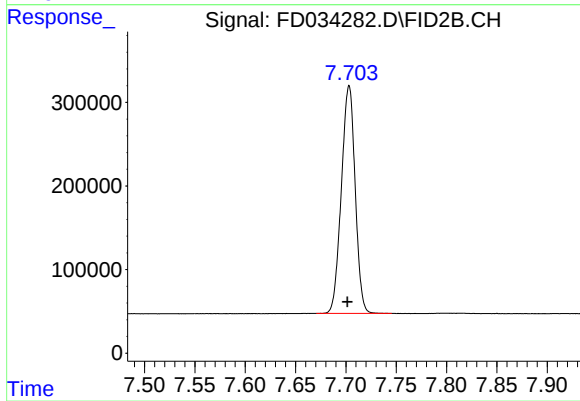
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.001 min
Response: 2974904
Conc: 21.50 ug/ml



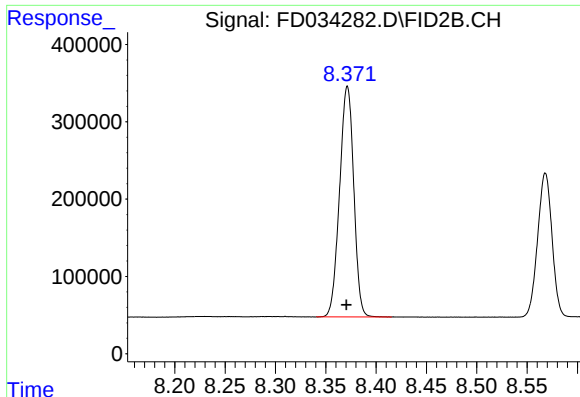
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.001 min
Response: 3003232
Conc: 21.52 ug/ml



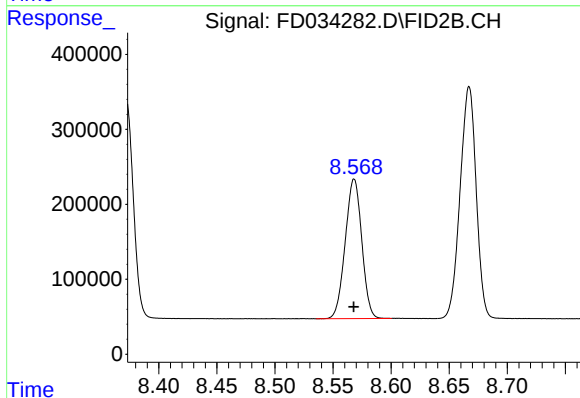
#4 2-Bromonaphthalene (SURR)

R.T.: 7.703 min
Delta R.T.: 0.002 min
Response: 2604049
Conc: 21.53 ug/ml



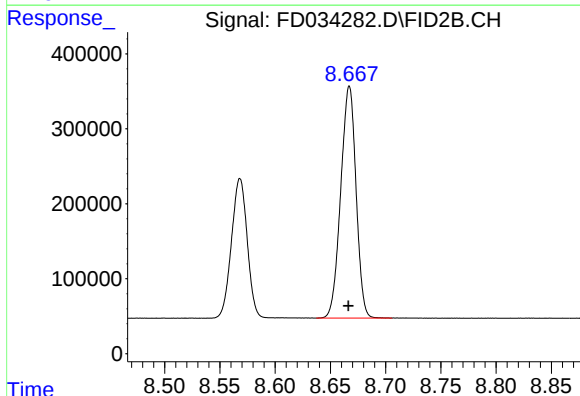
#5 Acenaphthylene (C15.06)

R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 2925757
Conc: 21.43 ug/ml



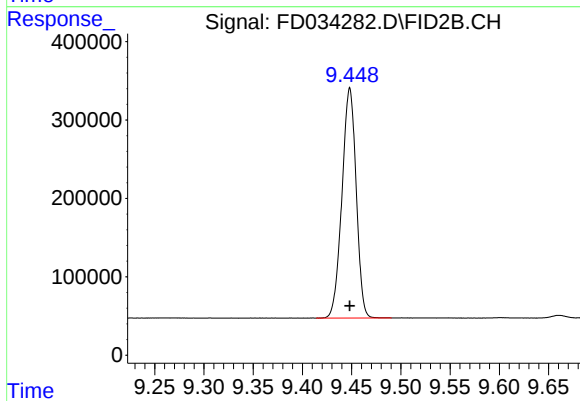
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 1843470
Conc: 21.46 ug/ml



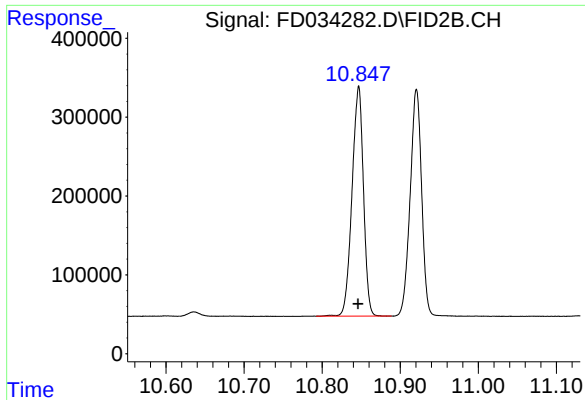
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 2983604
Conc: 21.46 ug/ml



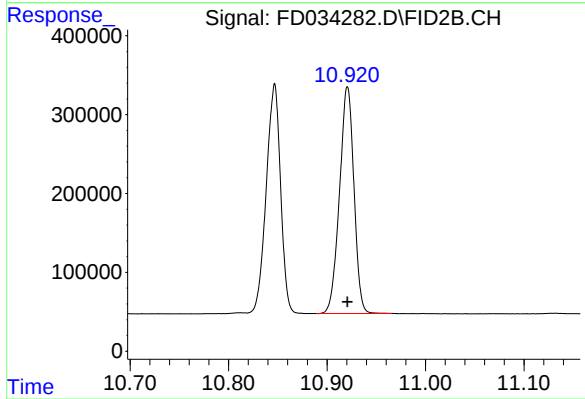
#8 Fluorene (C16.55)

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 2945371
Conc: 21.42 ug/ml



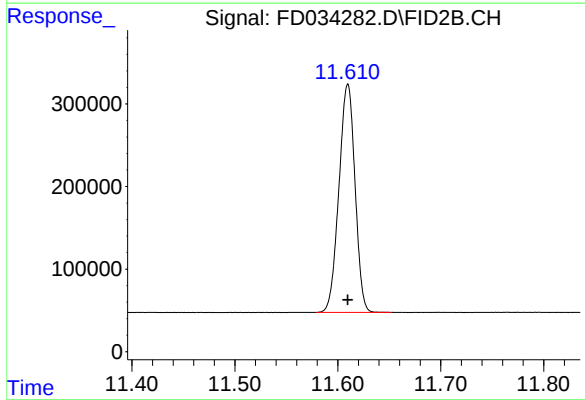
#9 Phenanthrene (C19.36)

R.T.: 10.847 min
Delta R.T.: 0.000 min
Response: 2960505
Conc: 21.32 ug/ml



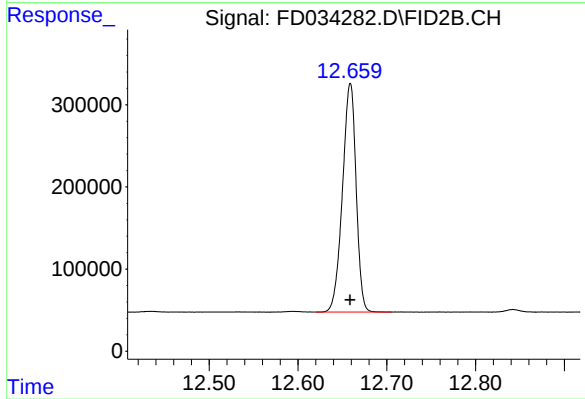
#10 Anthracene (C19.43)

R.T.: 10.921 min
Delta R.T.: 0.000 min
Response: 2928943
Conc: 21.32 ug/ml



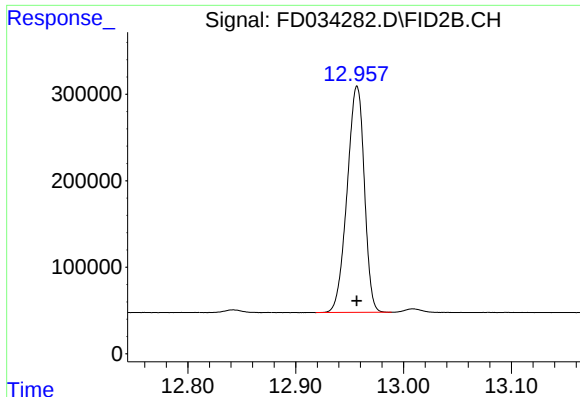
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 3000212
Conc: 21.37 ug/ml



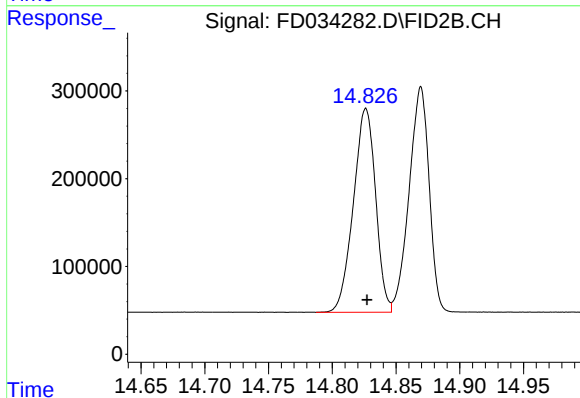
#12 Fluoranthene (C21.85)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2971368
Conc: 21.14 ug/ml



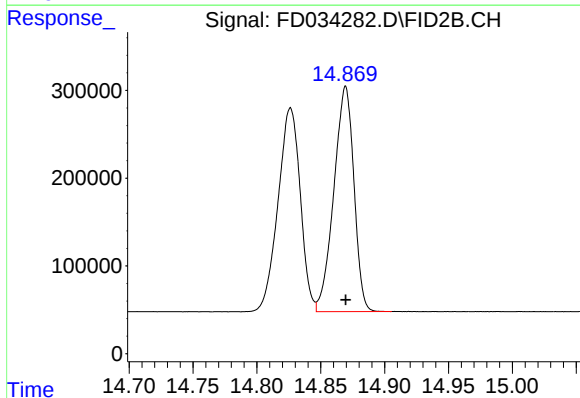
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 2901798
Conc: 21.10 ug/ml



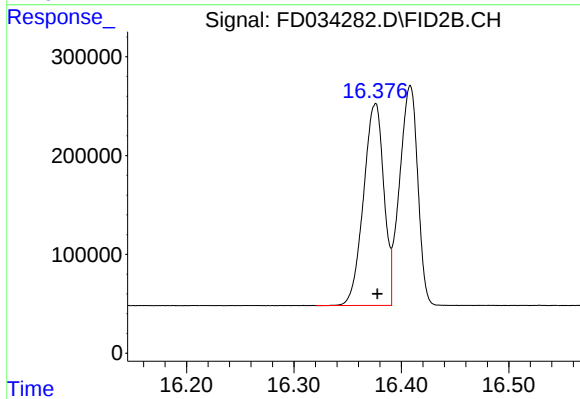
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: 0.000 min
Response: 2816085
Conc: 20.75 ug/ml



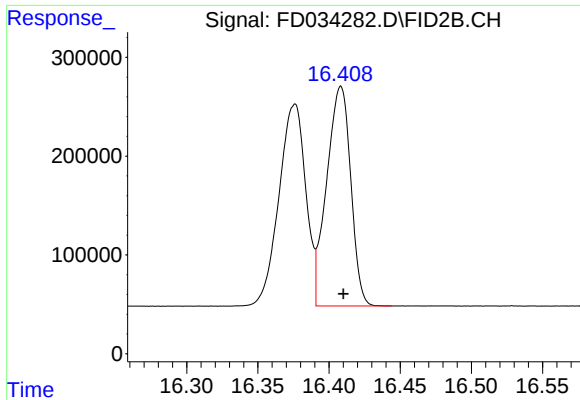
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: 0.000 min
Response: 2805745
Conc: 20.73 ug/ml



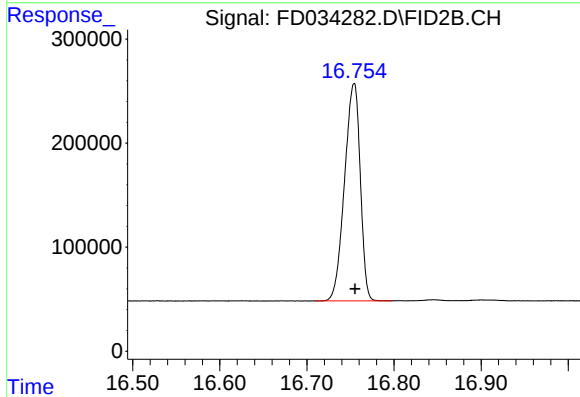
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: -0.002 min
Response: 2687383
Conc: 20.40 ug/ml



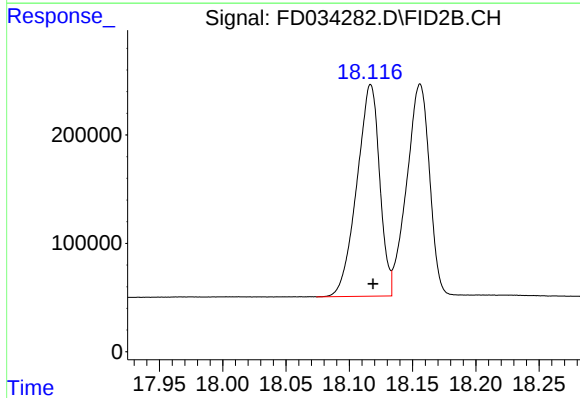
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: -0.002 min
Response: 2614634
Conc: 20.34 ug/ml



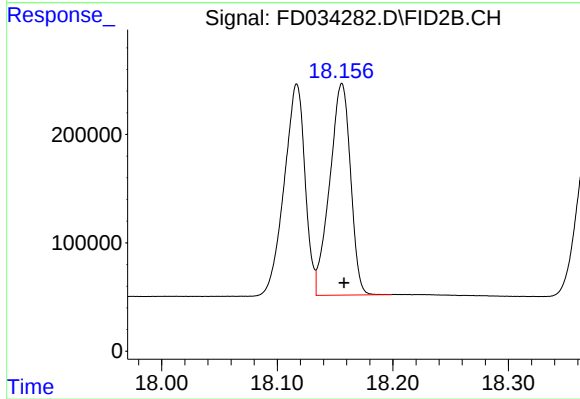
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: -0.001 min
Response: 2618167
Conc: 20.24 ug/ml



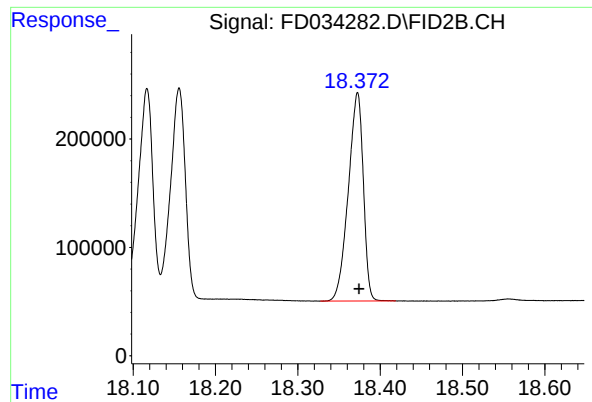
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min
Delta R.T.: -0.002 min
Response: 2451728
Conc: 19.90 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.002 min
Response: 2450418
Conc: 19.95 ug/ml



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

R.T.: 18.373 min
Delta R.T.: -0.002 min
Response: 2432418
Conc: 19.85 ug/ml