

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081419AR\
 Data File : FD030082.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2019 13:05
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 14 13:59:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:48:54 2019
 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...	7.666	2919380	18.983 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
6) S 2-Fluorobiphenyl (SURR)	8.529	1928764	18.459 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.92%
11) S ortho-Terphenyl (SURR)	11.564	2906450	17.604 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.468	3237095	19.567 ug/ml
2) T Naphthalene (C11.7)	6.007	3365678	19.294 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	3273203	19.049 ug/ml
5) T Acenaphthylene (C15.06)	8.333	3035666	18.311 ug/ml
7) T Acenaphthene (C15.5)	8.629	3173588	18.515 ug/ml
8) T Flouorene (C16.55)	9.408	3089329	18.184 ug/ml
9) T Phenanthrene (C19.36)	10.802	2962558	17.579 ug/ml
10) T Anthracene (C19.43)	10.876	2736333	16.707 ug/ml
12) T Fluoranthene (C21.85)	12.609	2745359	16.516 ug/ml
13) T Pyrene (C20.8)	12.906	2689553	16.281 ug/ml
14) T Benzo[a]anthracene (C...	14.770	2397821	15.764 ug/ml
15) T Chrysene (C27.41)	14.813	2413996	15.814 ug/ml
16) T benzo[b]fluoranthene ...	16.317	2375495	16.579 ug/ml
17) T Bnezo[k]fluoranthene ...	16.350	2363308	16.607 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	2361352	17.042 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2388280	19.049 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	2390386	19.354 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	2403915	19.768 ug/ml

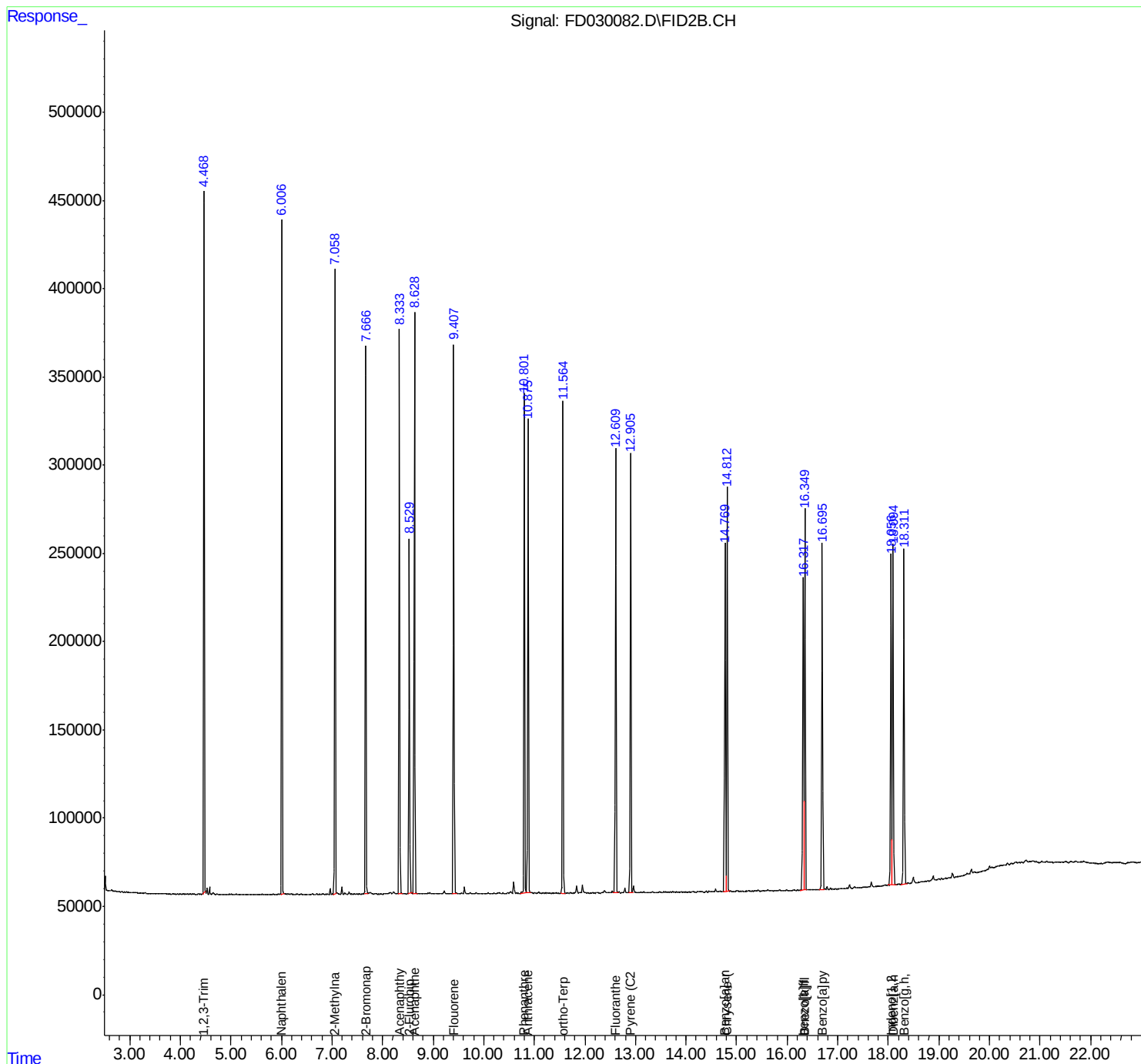
(f)=RT Delta > 1/2 Window

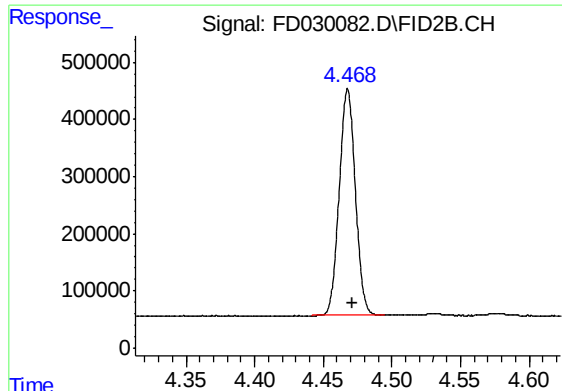
(m)=manual int.

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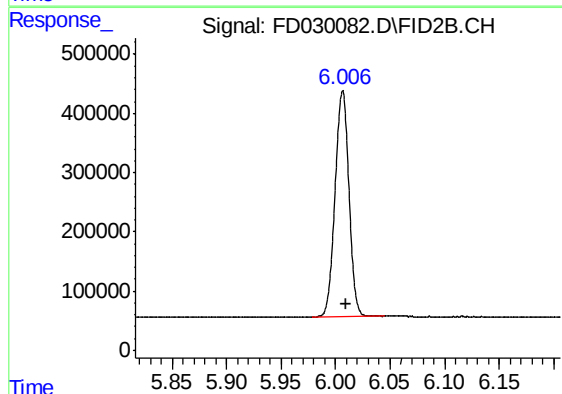
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Signal Info : 20M x 0.18mm x 0.18µm





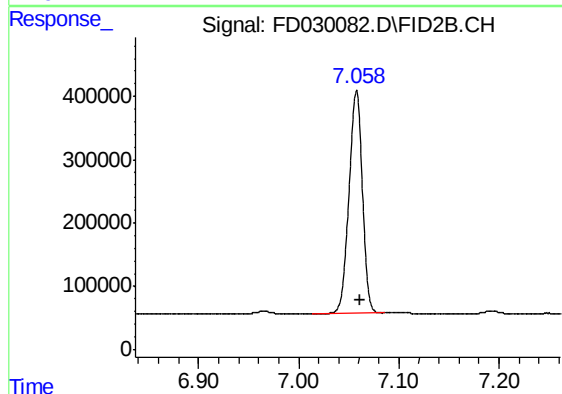
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 3237095
Conc: 19.57 ug/ml



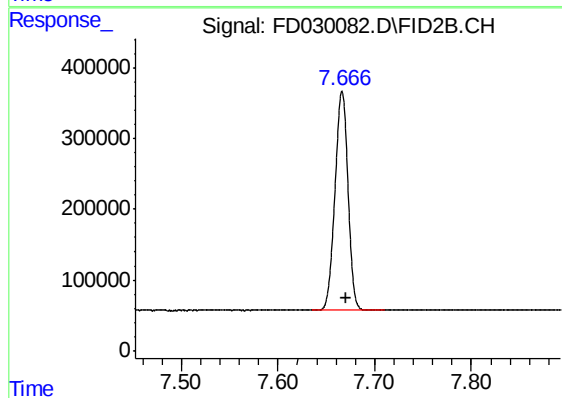
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.004 min
Response: 3365678
Conc: 19.29 ug/ml



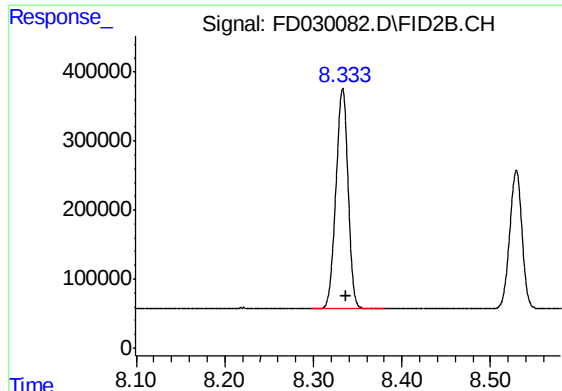
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: -0.004 min
Response: 3273203
Conc: 19.05 ug/ml



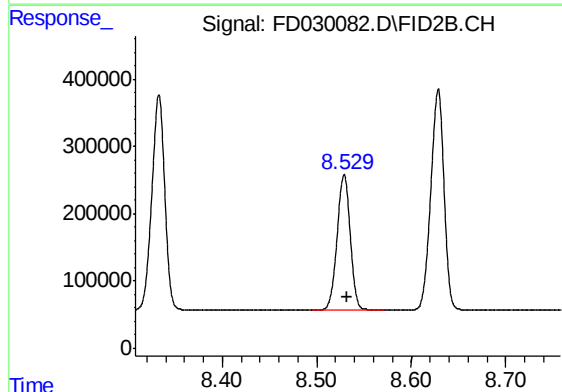
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min
Delta R.T.: -0.004 min
Response: 2919380
Conc: 18.98 ug/ml



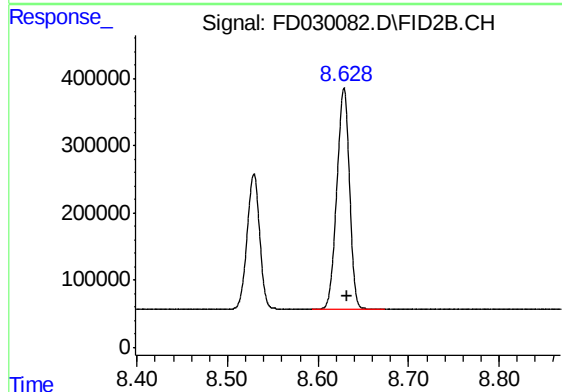
#5 Acenaphthylene (C15.06)

R.T.: 8.333 min
Delta R.T.: -0.004 min
Response: 3035666
Conc: 18.31 ug/ml



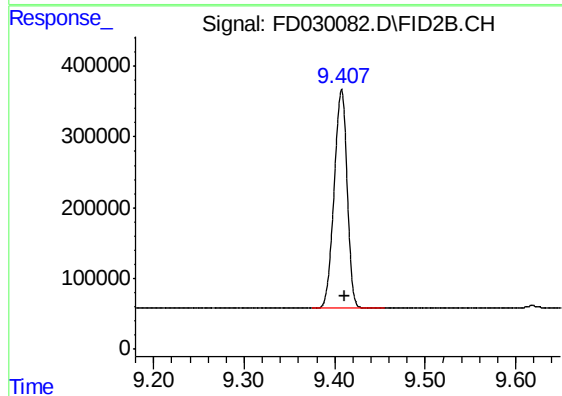
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: -0.004 min
Response: 1928764
Conc: 18.46 ug/ml



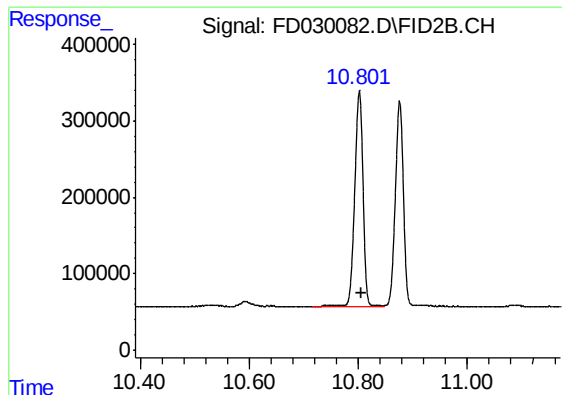
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 3173588
Conc: 18.52 ug/ml



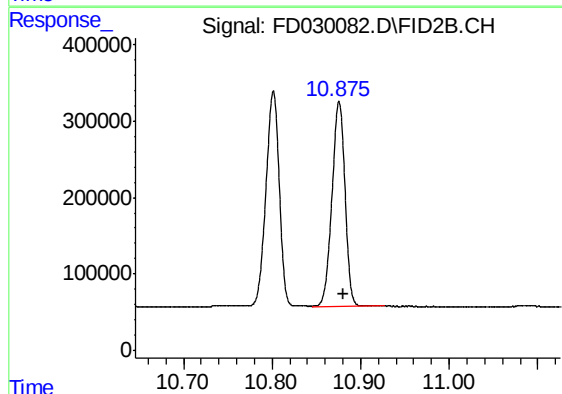
#8 Flouorene (C16.55)

R.T.: 9.408 min
Delta R.T.: -0.004 min
Response: 3089329
Conc: 18.18 ug/ml



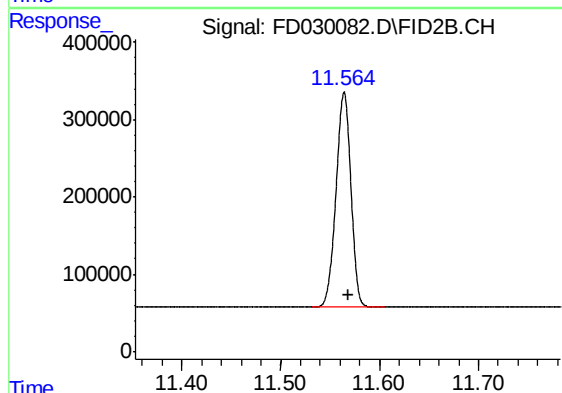
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.004 min
Response: 2962558
Conc: 17.58 ug/ml



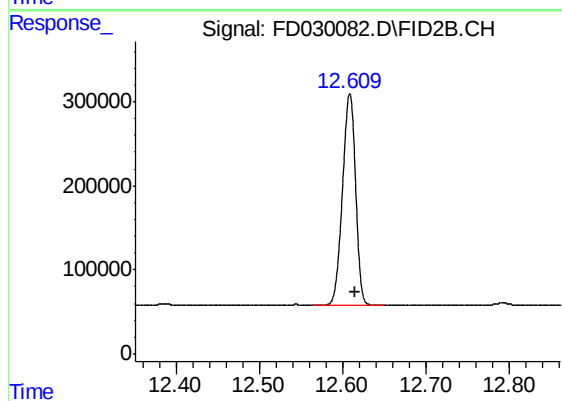
#10 Anthracene (C19.43)

R.T.: 10.876 min
Delta R.T.: -0.005 min
Response: 2736333
Conc: 16.71 ug/ml



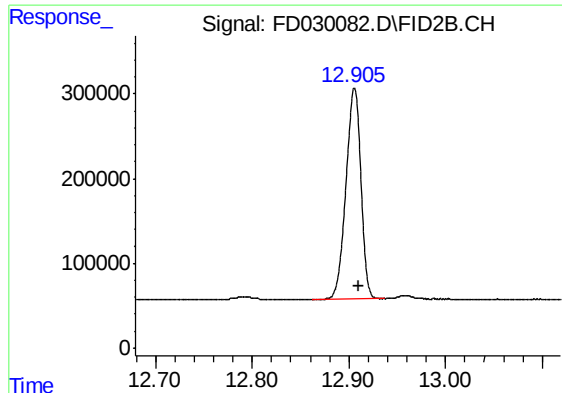
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.005 min
Response: 2906450
Conc: 17.60 ug/ml



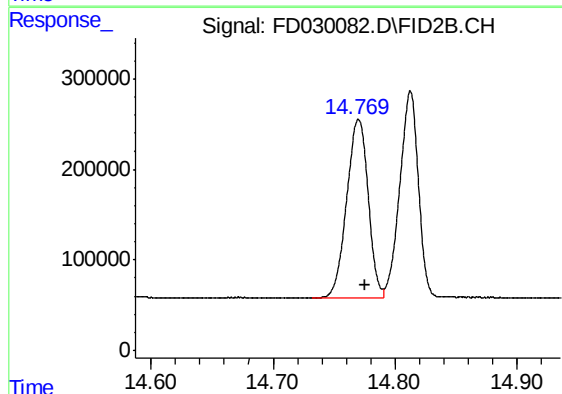
#12 Fluoranthene (C21.85)

R.T.: 12.609 min
Delta R.T.: -0.006 min
Response: 2745359
Conc: 16.52 ug/ml



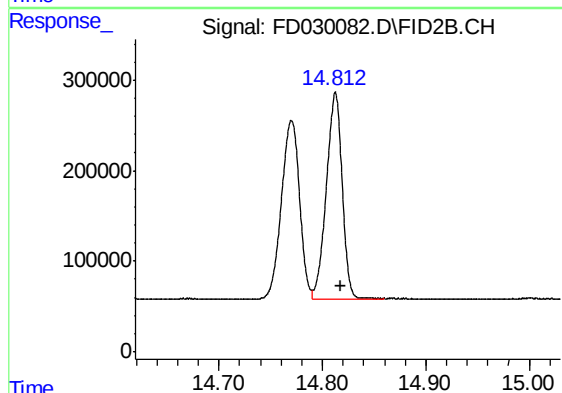
#13 Pyrene (C20.8)

R.T.: 12.906 min
Delta R.T.: -0.005 min
Response: 2689553
Conc: 16.28 ug/ml



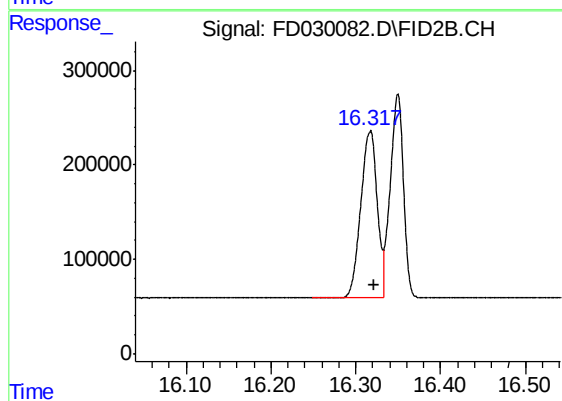
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.770 min
Delta R.T.: -0.006 min
Response: 2397821
Conc: 15.76 ug/ml



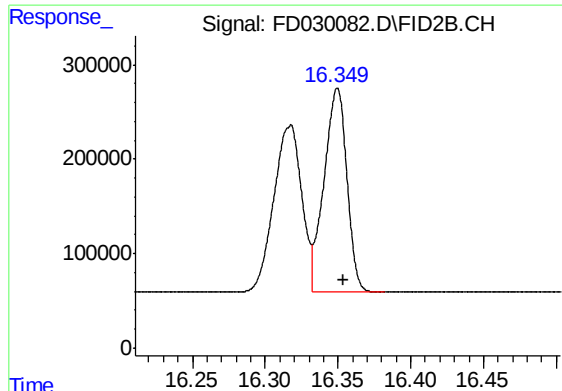
#15 Chrysene (C27.41)

R.T.: 14.813 min
Delta R.T.: -0.006 min
Response: 2413996
Conc: 15.81 ug/ml



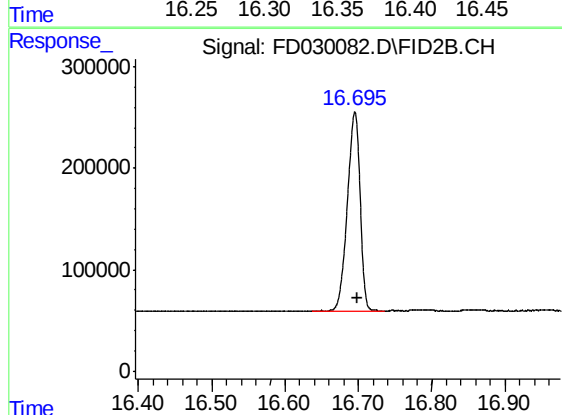
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.317 min
Delta R.T.: -0.004 min
Response: 2375495
Conc: 16.58 ug/ml



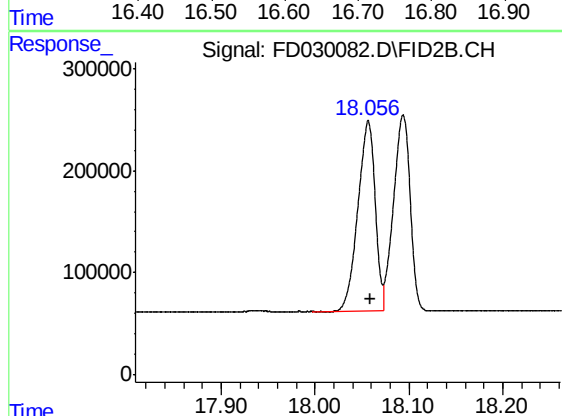
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.350 min
Delta R.T.: -0.004 min
Response: 2363308
Conc: 16.61 ug/ml



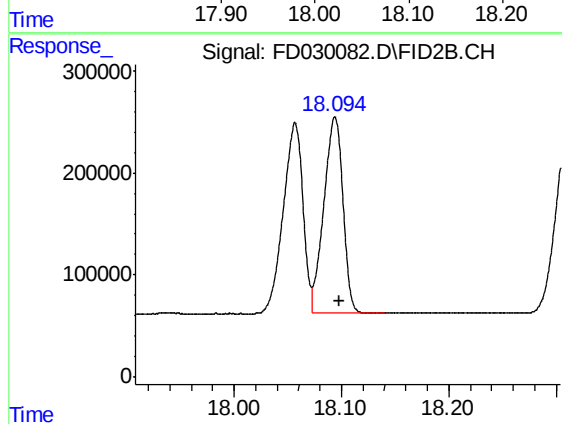
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.004 min
Response: 2361352
Conc: 17.04 ug/ml



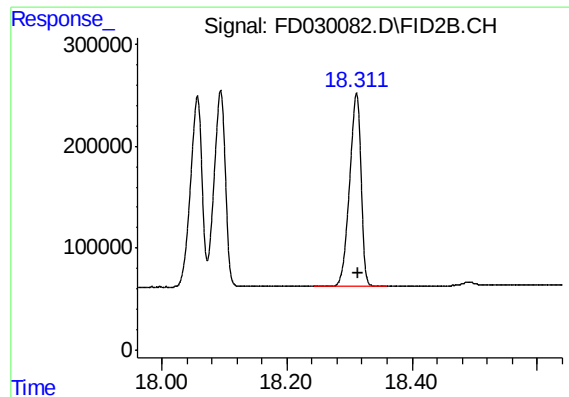
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.002 min
Response: 2388280
Conc: 19.05 ug/ml



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

R.T.: 18.094 min
Delta R.T.: -0.004 min
Response: 2390386
Conc: 19.35 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.003 min
Response: 2403915
Conc: 19.77 ug/ml