

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081120AR\
 Data File : FD034430.D
 Signal(s) : FID2B.CH
 Acq On : 11 Aug 2020 13:17
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 12 09:23:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.701	2253700	19.277 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
6) S 2-Fluorobiphenyl (SURR)	8.569	1581580	19.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.15%
11) S ortho-Terphenyl (SURR)	11.610	2553392	18.789 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2494570	19.571 ug/ml
2) T Naphthalene (C11.7)	6.038	2601396	19.444 ug/ml
3) T 2-Methylnaphthalene (...)	7.092	2601617	19.274 ug/ml
5) T Acenaphthylene (C15.06)	8.371	2509583	18.963 ug/ml
7) T Acenaphthene (C15.5)	8.667	2570466	19.113 ug/ml
8) T Flouorene (C16.55)	9.448	2517253	18.939 ug/ml
9) T Phenanthrene (C19.36)	10.848	2514672	18.761 ug/ml
10) T Anthracene (C19.43)	10.922	2390187	18.009 ug/ml
12) T Fluoranthene (C21.85)	12.662	2542024	18.703 ug/ml
13) T Pyrene (C20.8)	12.960	2472302	18.567 ug/ml
14) T Benzo[a]anthracene (C...	14.830	2452630	18.687 ug/ml
15) T Chrysene (C27.41)	14.873	2468077	18.825 ug/ml
16) T benzo[b]fluoranthene ...	16.381	2475119	19.347 ug/ml
17) T Bnezo[k]fluoranthene ...	16.413	2406801	19.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.761	2447824	19.551 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	2426406	20.165 ug/ml
20) T Dibenz[a,h]anthracene...	18.163	2450641	20.759 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	2415144	20.383 ug/ml

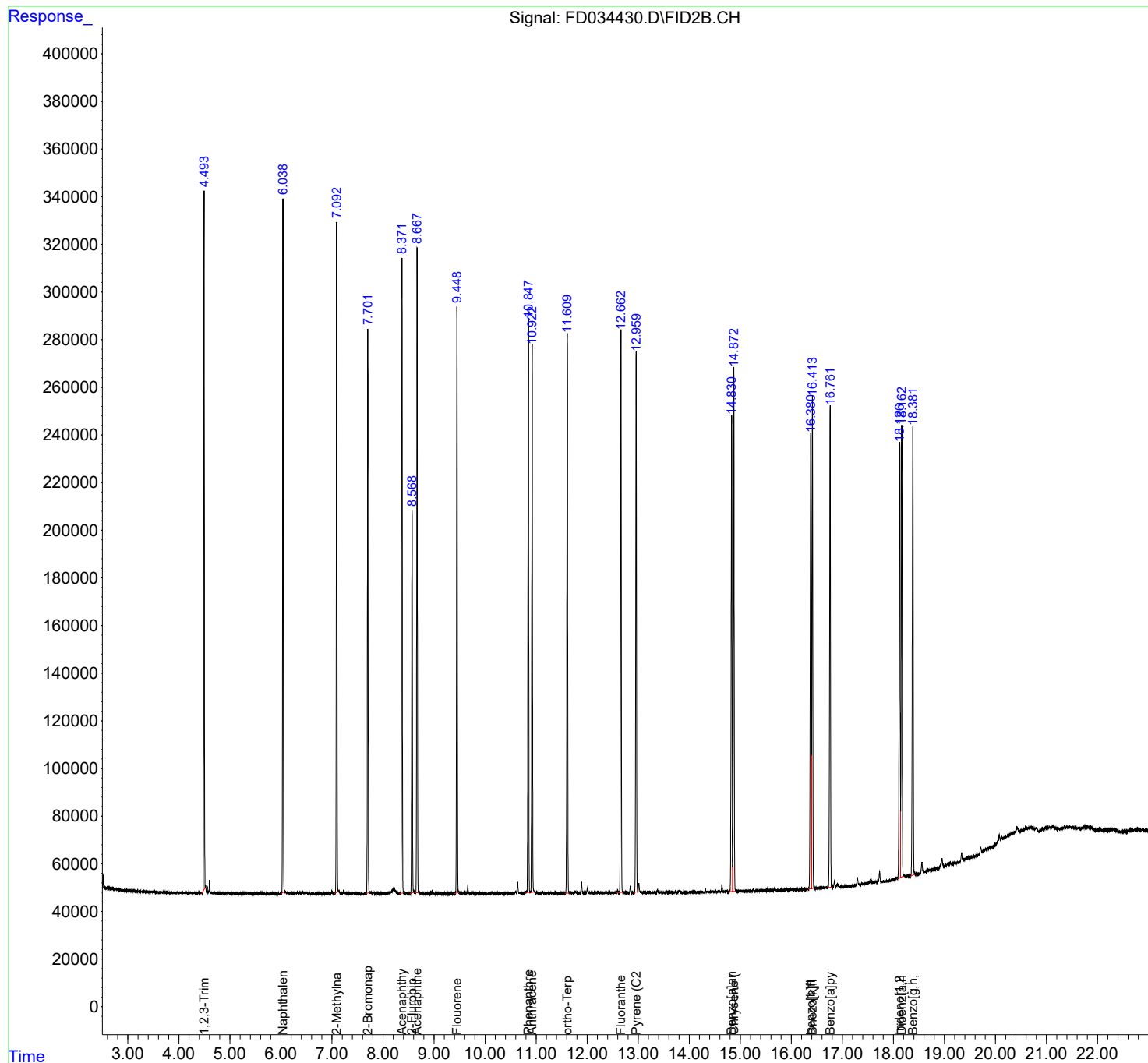
(f)=RT Delta > 1/2 Window

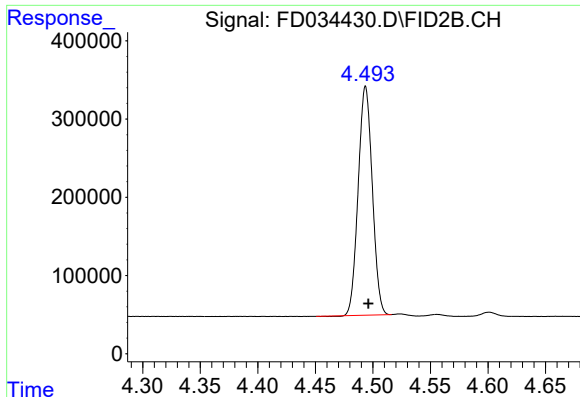
(m)=manual int.

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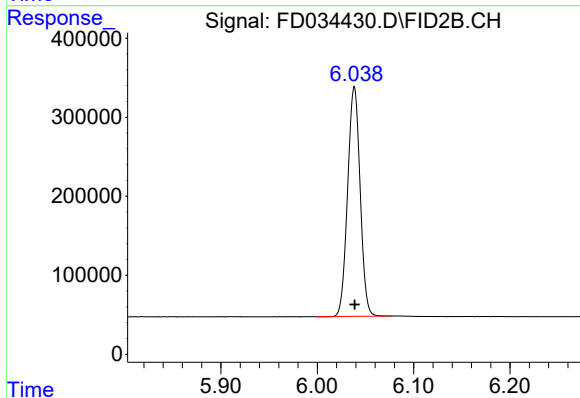
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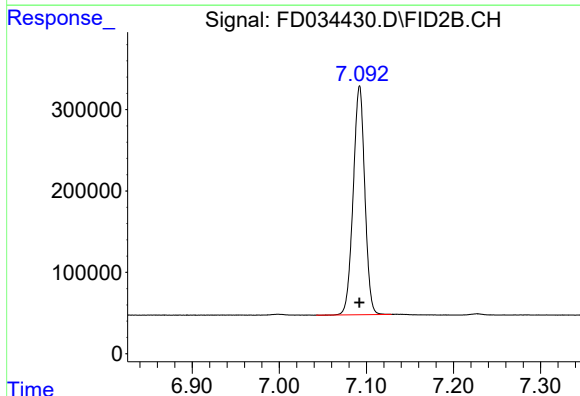
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 2494570
Conc: 19.57 ug/ml



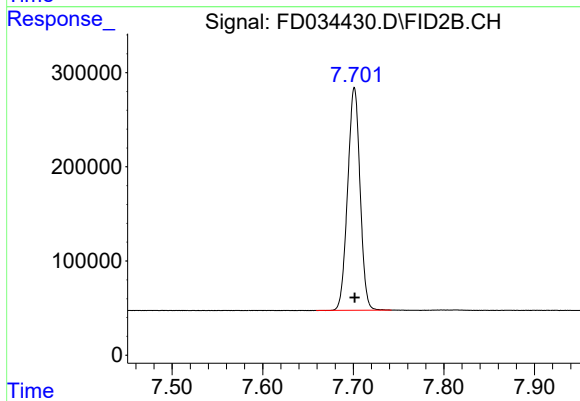
#2 Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 2601396
Conc: 19.44 ug/ml



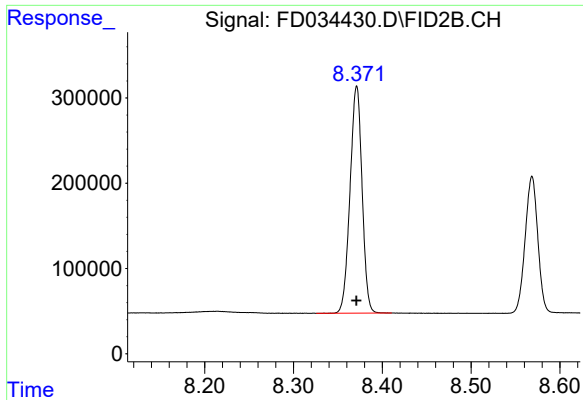
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 2601617
Conc: 19.27 ug/ml



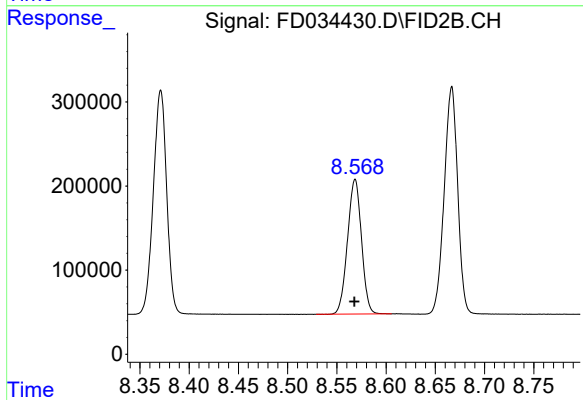
#4 2-Bromonaphthalene (SURR)

R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 2253700
Conc: 19.28 ug/ml



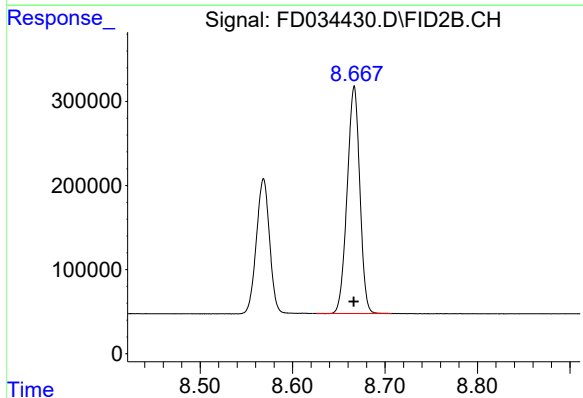
#5 Acenaphthylene (C15.06)

R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 2509583
Conc: 18.96 ug/ml



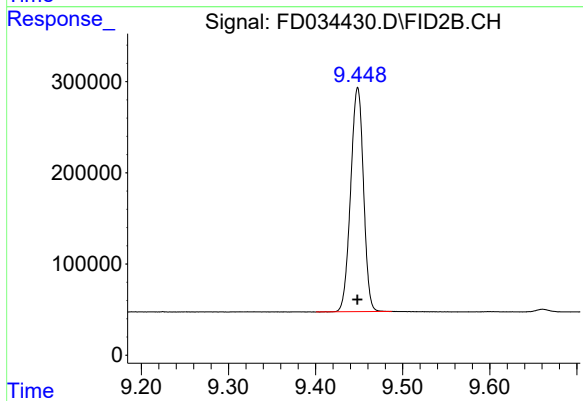
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 1581580
Conc: 19.08 ug/ml



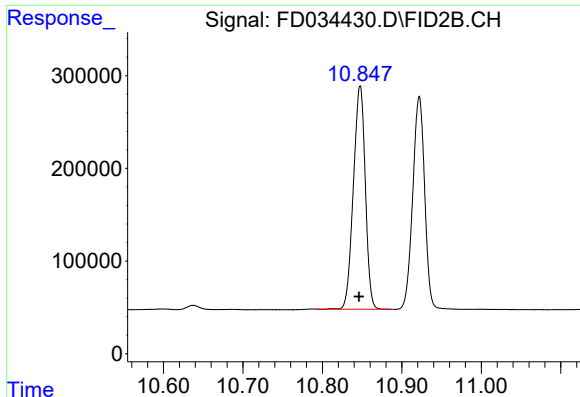
#7 Acenaphthene (C15.5)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 2570466
Conc: 19.11 ug/ml



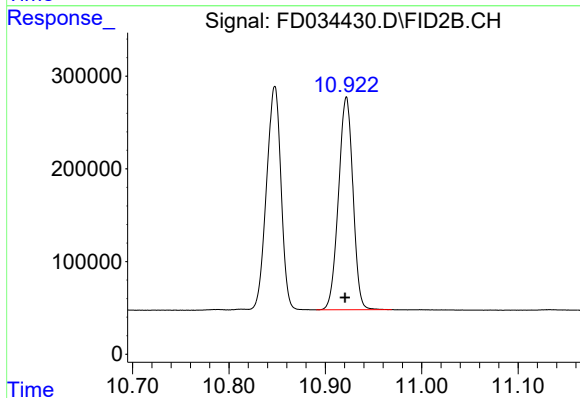
#8 Fluorene (C16.55)

R.T.: 9.448 min
Delta R.T.: 0.000 min
Response: 2517253
Conc: 18.94 ug/ml



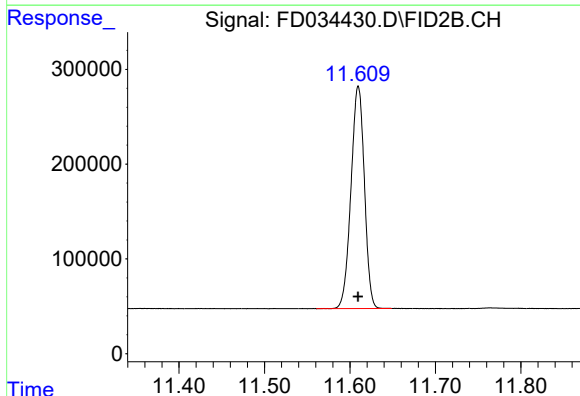
#9 Phenanthrene (C19.36)

R.T.: 10.848 min
Delta R.T.: 0.002 min
Response: 2514672
Conc: 18.76 ug/ml



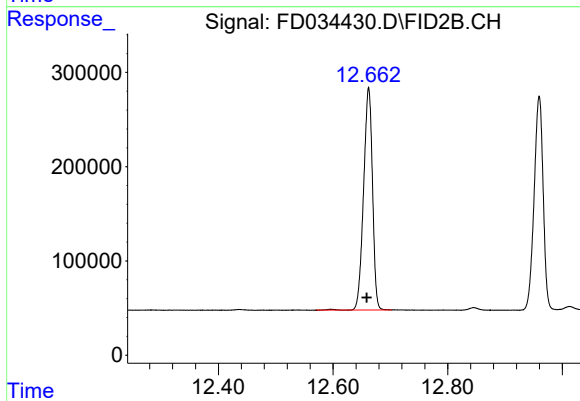
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: 0.001 min
Response: 2390187
Conc: 18.01 ug/ml



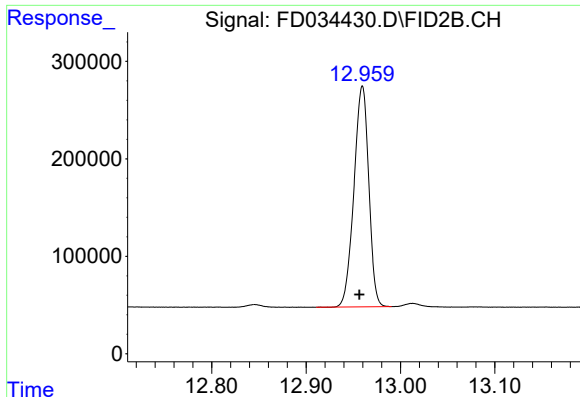
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.000 min
Response: 2553392
Conc: 18.79 ug/ml



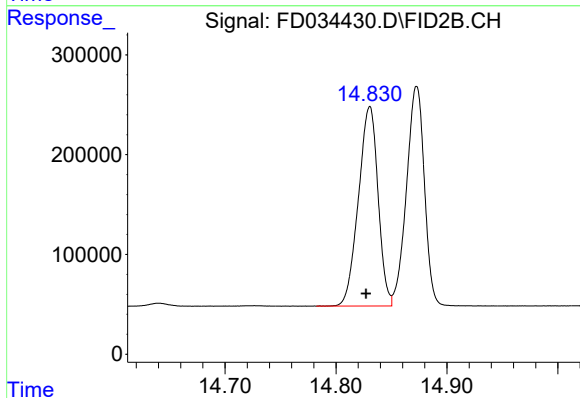
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: 0.004 min
Response: 2542024
Conc: 18.70 ug/ml



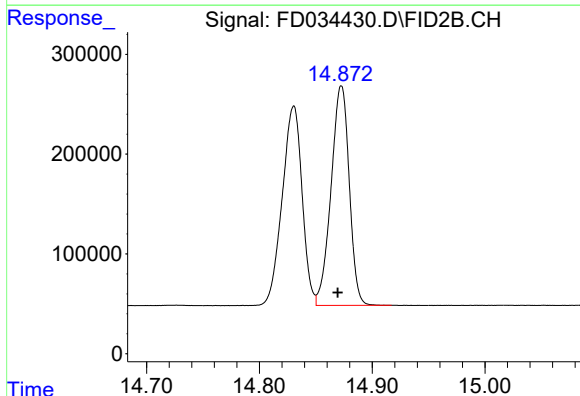
#13 Pyrene (C20.8)

R.T.: 12.960 min
Delta R.T.: 0.003 min
Response: 2472302
Conc: 18.57 ug/ml



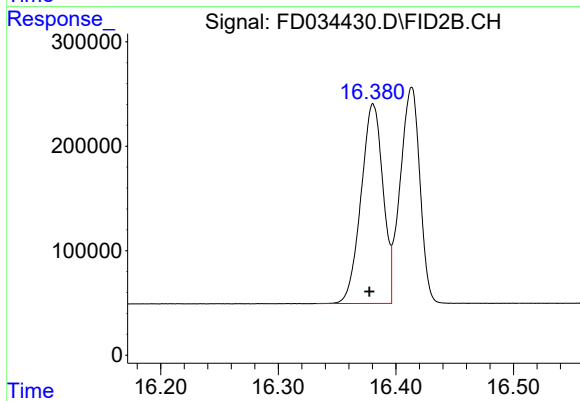
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min
Delta R.T.: 0.003 min
Response: 2452630
Conc: 18.69 ug/ml



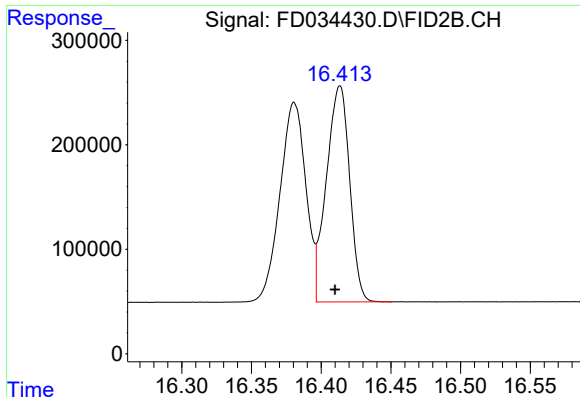
#15 Chrysene (C27.41)

R.T.: 14.873 min
Delta R.T.: 0.003 min
Response: 2468077
Conc: 18.82 ug/ml



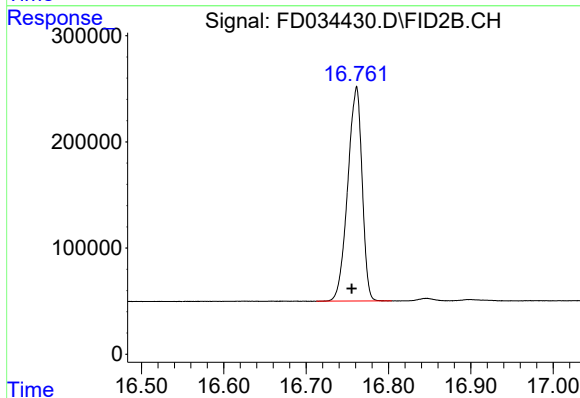
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.381 min
Delta R.T.: 0.003 min
Response: 2475119
Conc: 19.35 ug/ml



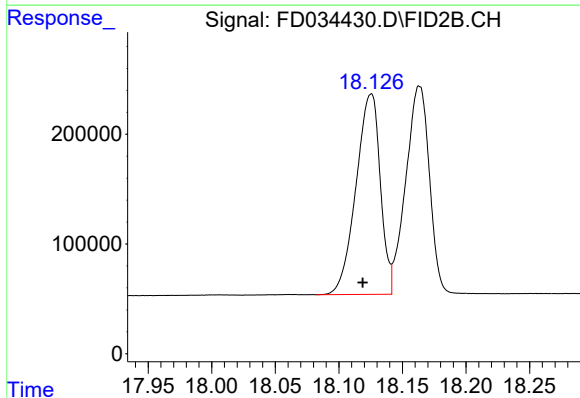
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.413 min
Delta R.T.: 0.003 min
Response: 2406801
Conc: 19.43 ug/ml



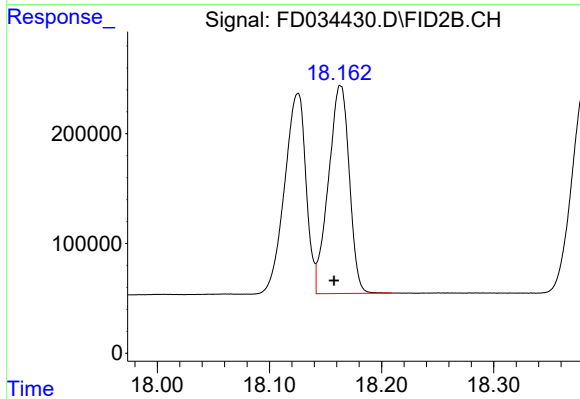
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.761 min
Delta R.T.: 0.006 min
Response: 2447824
Conc: 19.55 ug/ml



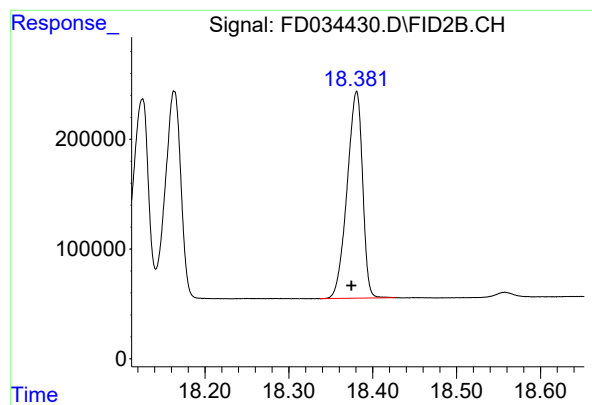
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: 0.007 min
Response: 2426406
Conc: 20.17 ug/ml



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

R.T.: 18.163 min
Delta R.T.: 0.006 min
Response: 2450641
Conc: 20.76 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.006 min
Response: 2415144
Conc: 20.38 ug/ml