

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081120AR\
 Data File : FD034447.D
 Signal(s) : FID2B.CH
 Acq On : 12 Aug 2020 3:10
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 12 09:25:12 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...	7.700	2297478	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
6) S 2-Fluorobiphenyl (SURR)	8.565	1615805	19.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.98%
11) S ortho-Terphenyl (SURR)	11.607	2612358	19.223 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	2551872	20.021 ug/ml
2) T Naphthalene (C11.7)	6.037	2657060	19.860 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	2656687	19.682 ug/ml
5) T Acenaphthylene (C15.06)	8.368	2556290	19.315 ug/ml
7) T Acenaphthene (C15.5)	8.665	2624101	19.512 ug/ml
8) T Flouorene (C16.55)	9.446	2568631	19.325 ug/ml
9) T Phenanthrene (C19.36)	10.844	2587092	19.301 ug/ml
10) T Anthracene (C19.43)	10.918	2429630	18.306 ug/ml
12) T Fluoranthene (C21.85)	12.657	2586605	19.031 ug/ml
13) T Pyrene (C20.8)	12.955	2524810	18.961 ug/ml
14) T Benzo[a]anthracene (C...	14.825	2497255	19.027 ug/ml
15) T Chrysene (C27.41)	14.868	2516897	19.197 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2518601	19.687 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2450251	19.783 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.755	2485898	19.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.119	2461416	20.456 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	2502374	21.197 ug/ml
21) T Benzo[g,h,i]perylene ...	18.374	2454473	20.715 ug/ml

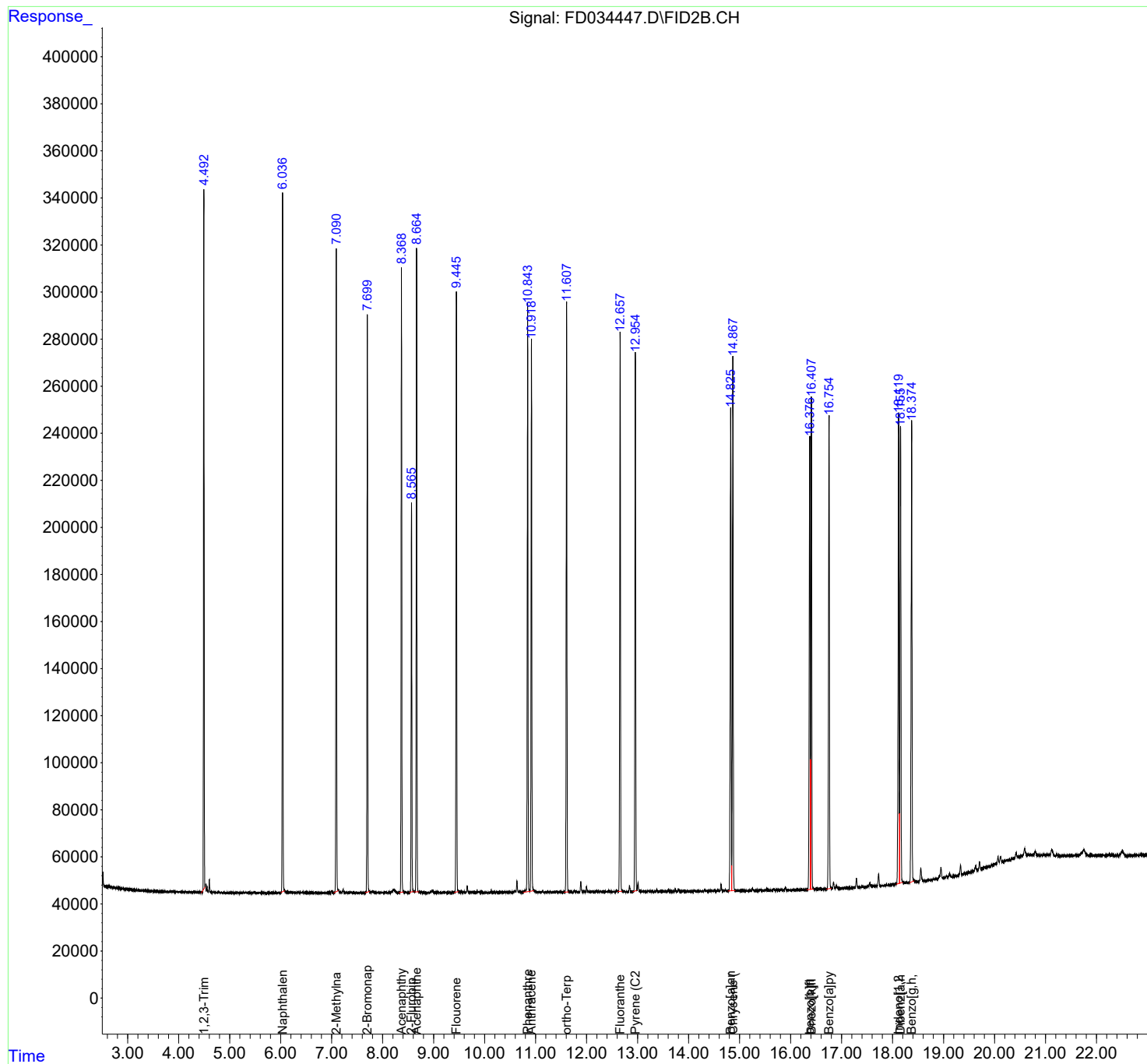
(f)=RT Delta > 1/2 Window

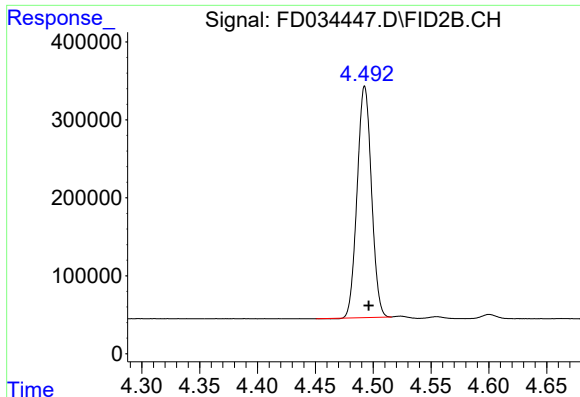
(m)=manual int.

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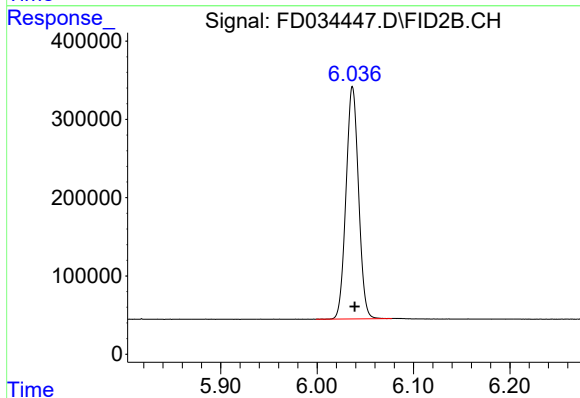
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Signal Info : 20M x 0.18mm x 0.18µm





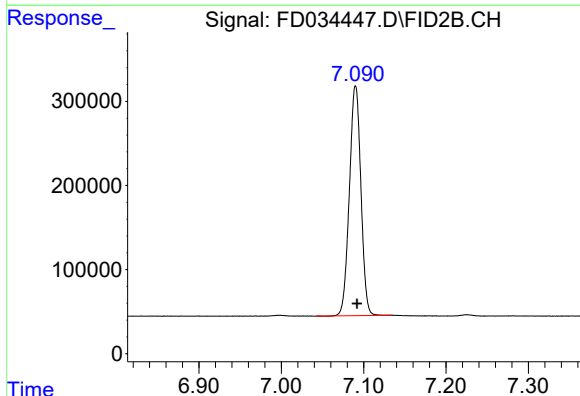
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.493 min
Delta R.T.: -0.003 min
Response: 2551872
Conc: 20.02 ug/ml



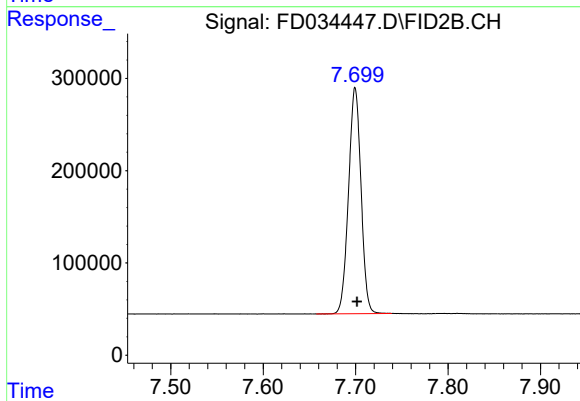
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 2657060
Conc: 19.86 ug/ml



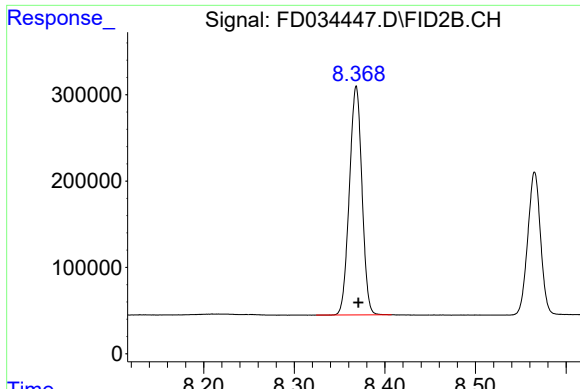
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 2656687
Conc: 19.68 ug/ml



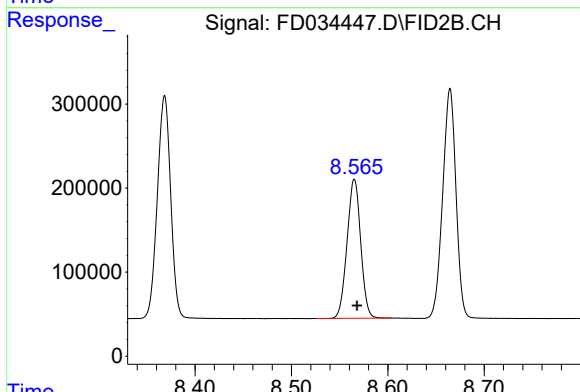
#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min
Delta R.T.: -0.002 min
Response: 2297478
Conc: 19.65 ug/ml



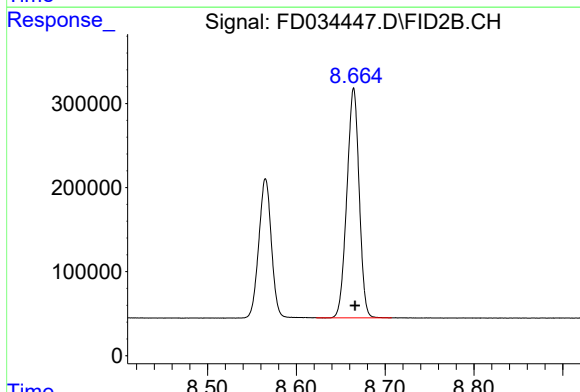
#5 Acenaphthylene (C15.06)

R.T.: 8.368 min
Delta R.T.: -0.002 min
Response: 2556290
Conc: 19.32 ug/ml



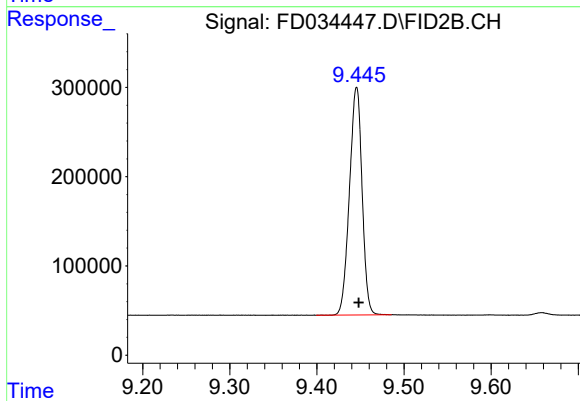
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 1615805
Conc: 19.49 ug/ml



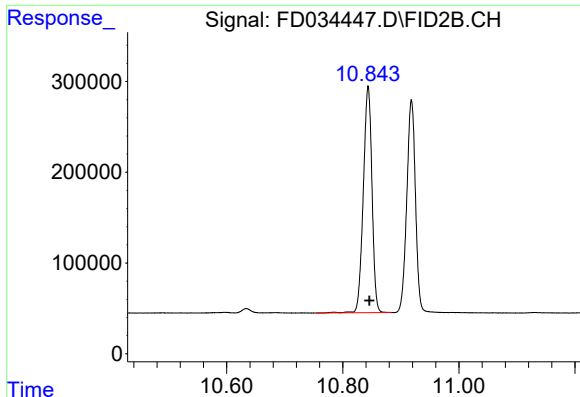
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: -0.002 min
Response: 2624101
Conc: 19.51 ug/ml



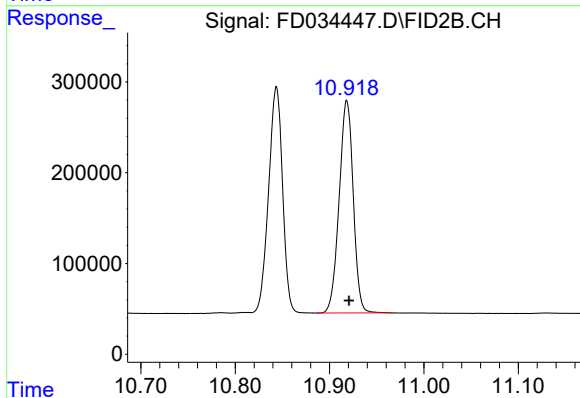
#8 Flouorene (C16.55)

R.T.: 9.446 min
Delta R.T.: -0.002 min
Response: 2568631
Conc: 19.33 ug/ml



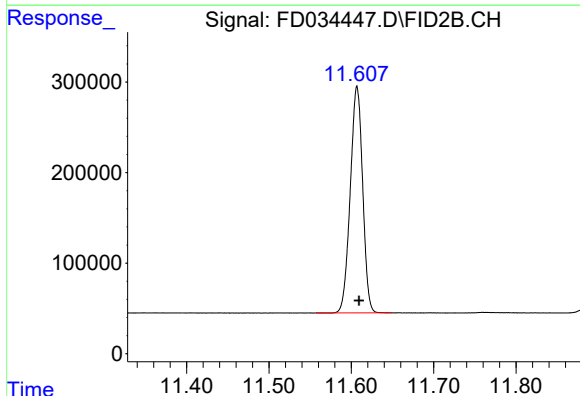
#9 Phenanthrene (C19.36)

R.T.: 10.844 min
Delta R.T.: -0.002 min
Response: 2587092
Conc: 19.30 ug/ml



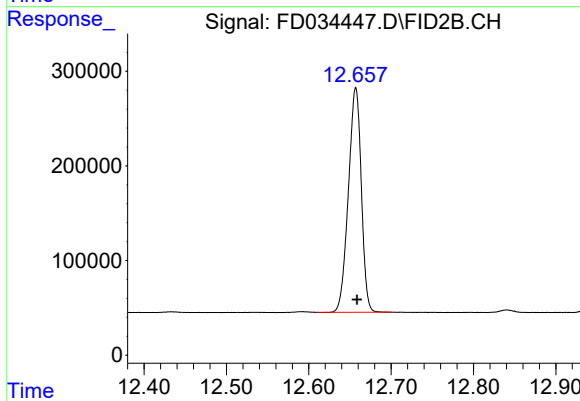
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.002 min
Response: 2429630
Conc: 18.31 ug/ml



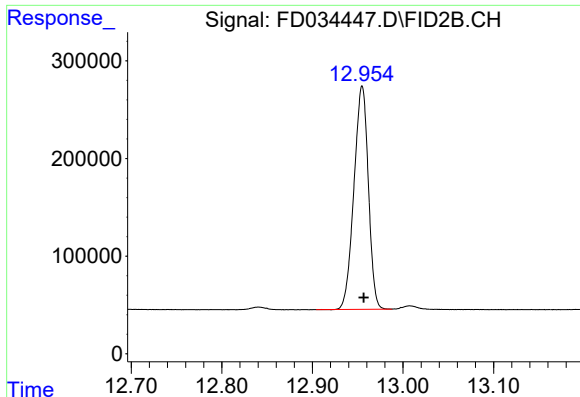
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.003 min
Response: 2612358
Conc: 19.22 ug/ml



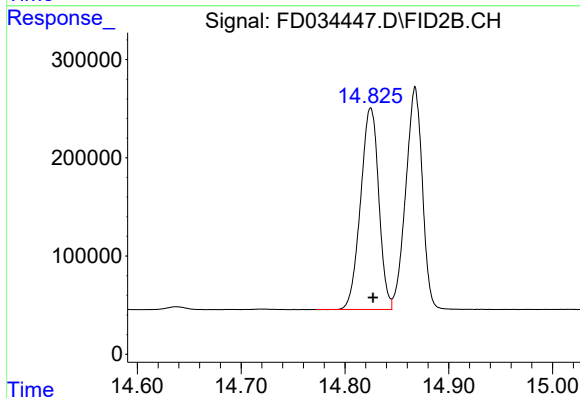
#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.002 min
Response: 2586605
Conc: 19.03 ug/ml



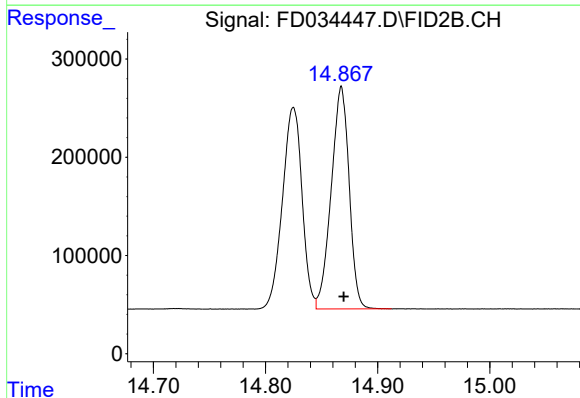
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2524810
Conc: 18.96 ug/ml



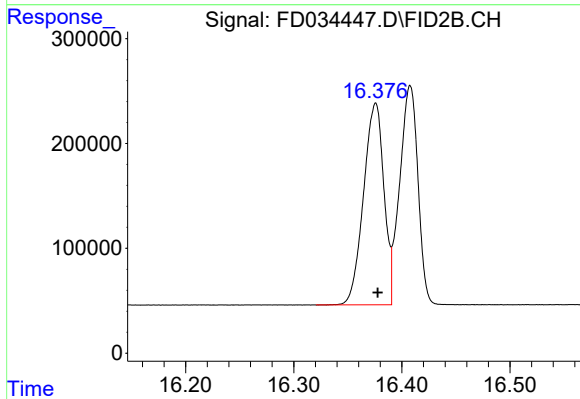
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.825 min
Delta R.T.: -0.002 min
Response: 2497255
Conc: 19.03 ug/ml



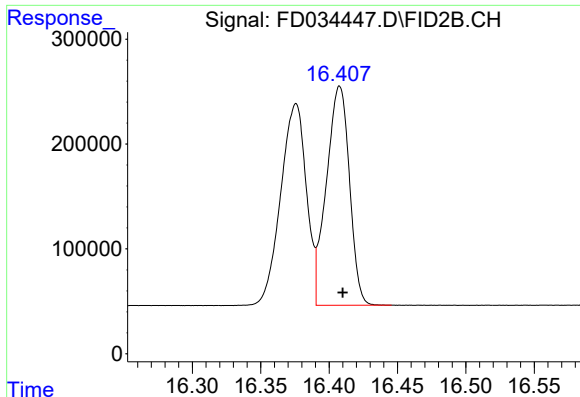
#15 Chrysene (C27.41)

R.T.: 14.868 min
Delta R.T.: -0.002 min
Response: 2516897
Conc: 19.20 ug/ml



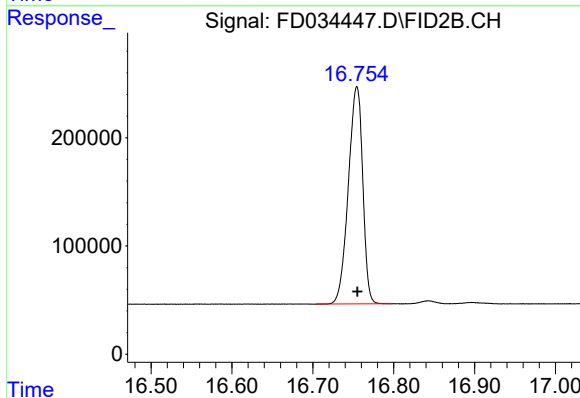
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.376 min
Delta R.T.: -0.002 min
Response: 2518601
Conc: 19.69 ug/ml



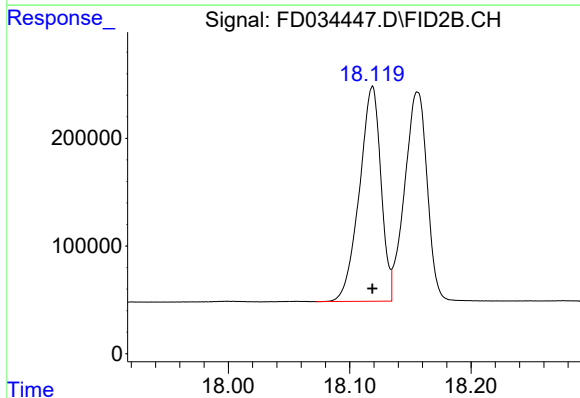
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: -0.002 min
Response: 2450251
Conc: 19.78 ug/ml



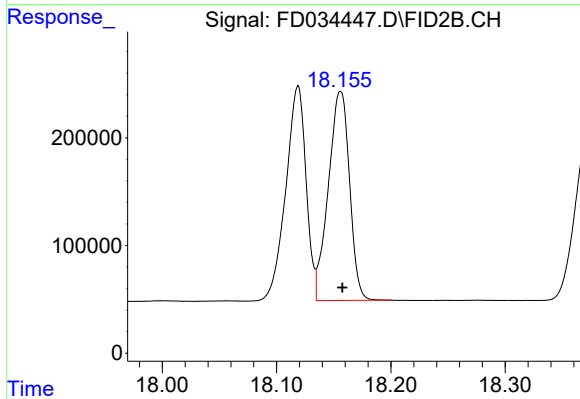
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.755 min
Delta R.T.: 0.000 min
Response: 2485898
Conc: 19.85 ug/ml



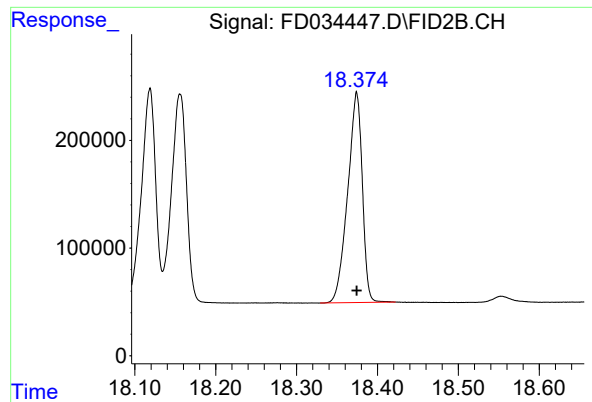
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 2461416
Conc: 20.46 ug/ml



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

R.T.: 18.156 min
Delta R.T.: -0.002 min
Response: 2502374
Conc: 21.20 ug/ml



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

R.T.: 18.374 min
Delta R.T.: 0.000 min
Response: 2454473
Conc: 20.71 ug/ml