

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032620AR\
 Data File : FD032743.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2020 12:43
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 27 03:30:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.610	2620375	20.274 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
6) S 2-Fluorobiphenyl (SURR)	8.472	1689267	19.135 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.27%
11) S ortho-Terphenyl (SURR)	11.506	2619322	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	2982670	22.423 ug/mlm
2) T Naphthalene (C11.7)	5.952	3002831	21.134 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	2897829	20.414 ug/ml
5) T Acenaphthylene (C15.06)	8.274	2689600	19.662 ug/ml
7) T Acenaphthene (C15.5)	8.569	2807145	19.882 ug/ml
8) T Flouorene (C16.55)	9.348	2654037	18.933 ug/ml
9) T Phenanthrene (C19.36)	10.743	2528526	18.093 ug/ml
10) T Anthracene (C19.43)	10.817	2409562	17.210 ug/ml
12) T Fluoranthene (C21.85)	12.552	2507318	17.877 ug/ml
13) T Pyrene (C20.8)	12.849	2480742	18.042 ug/ml
14) T Benzo[a]anthracene (C...	14.719	2383425	18.265 ug/ml
15) T Chrysene (C27.41)	14.761	2473476	18.374 ug/ml
16) T benzo[b]fluoranthene ...	16.270	2505552	19.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.302	2494657	19.003 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	2472086	19.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.016	2443399	20.505 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	2537237	20.067 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2474378	20.931 ug/ml

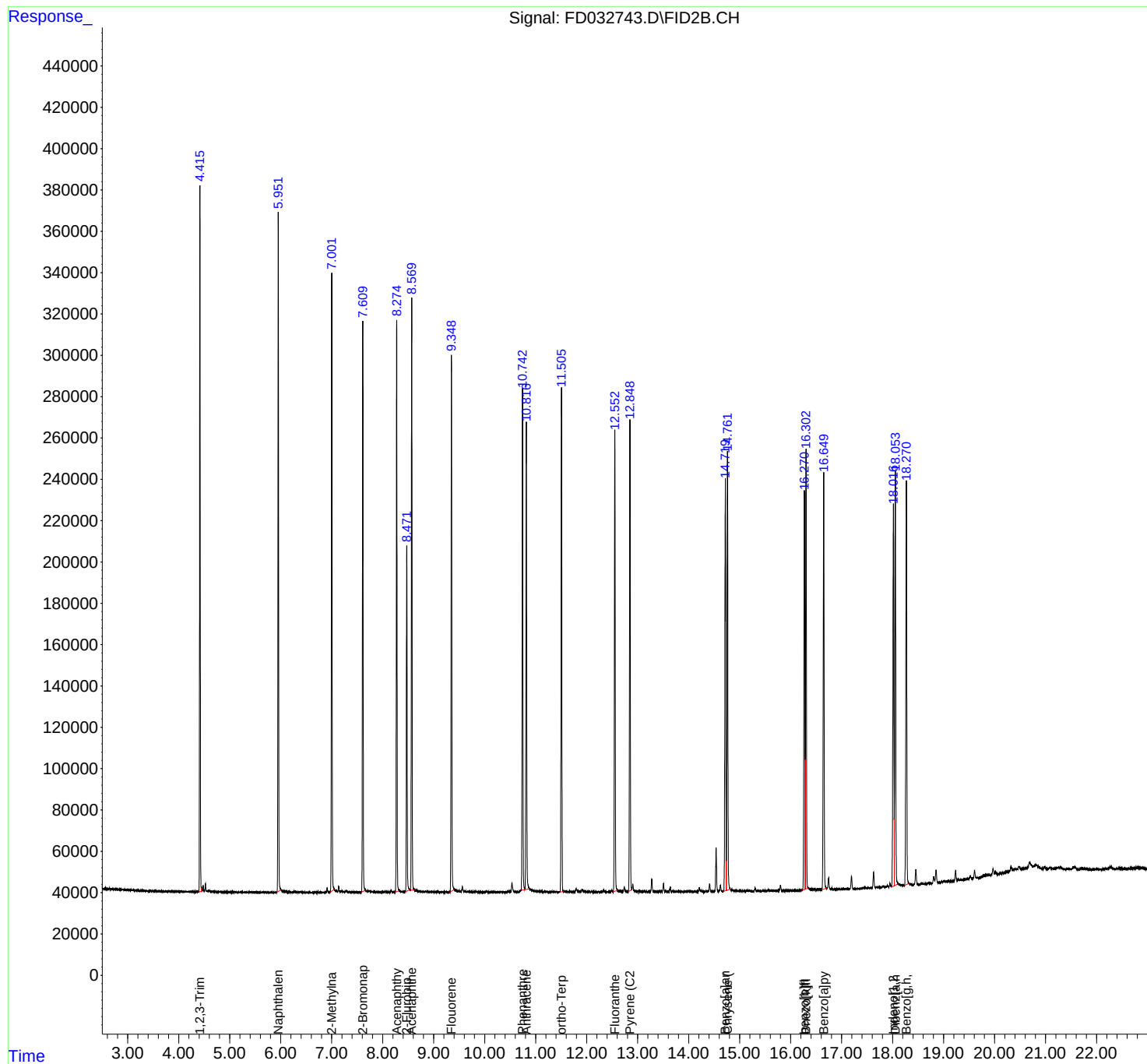
(f)=RT Delta > 1/2 Window

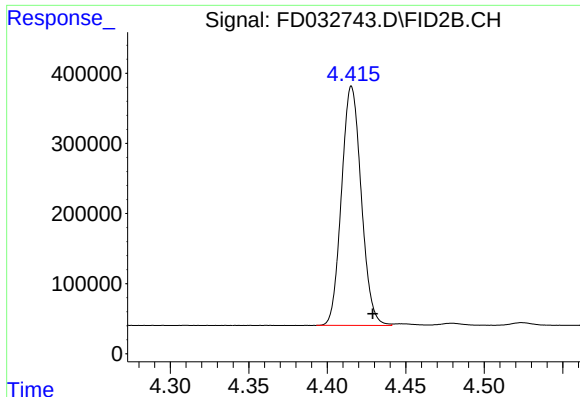
(m)=manual int.

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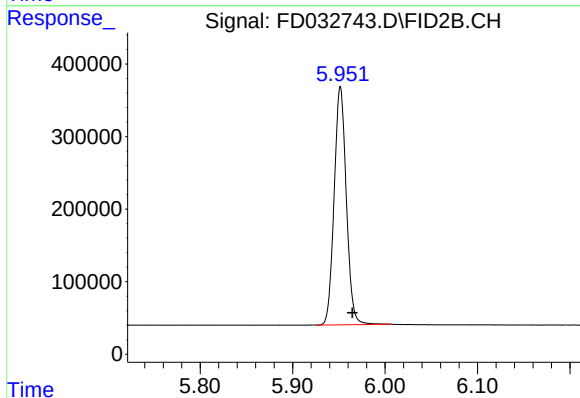
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Signal Info : 20M x 0.18mm x 0.18µm





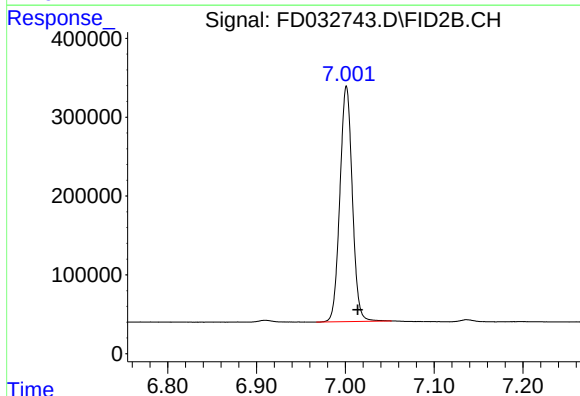
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.014 min
Response: 2982670
Conc: 22.42 ug/ml m



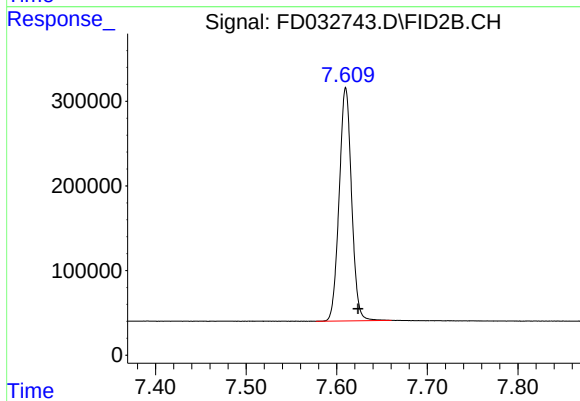
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.013 min
Response: 3002831
Conc: 21.13 ug/ml



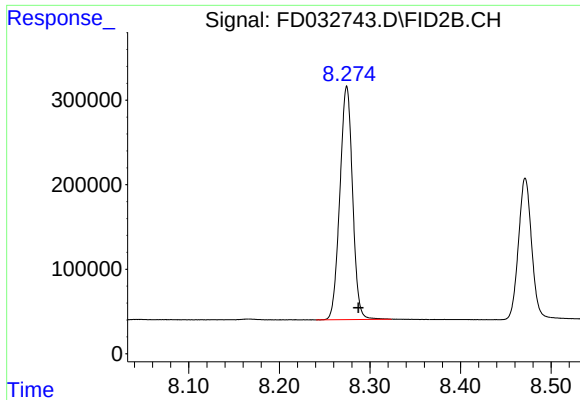
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.013 min
Response: 2897829
Conc: 20.41 ug/ml



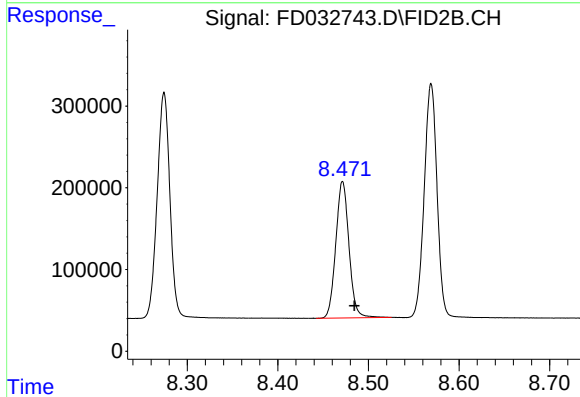
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.014 min
Response: 2620375
Conc: 20.27 ug/ml



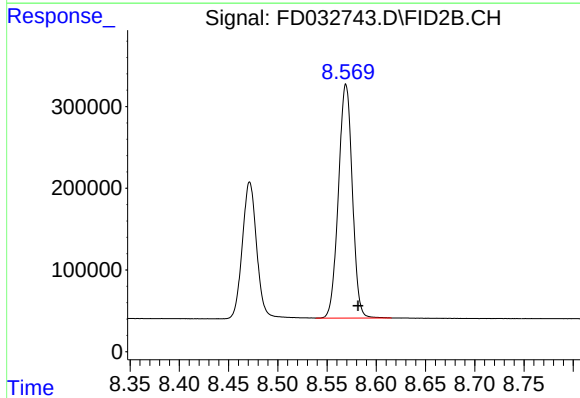
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.013 min
Response: 2689600
Conc: 19.66 ug/ml



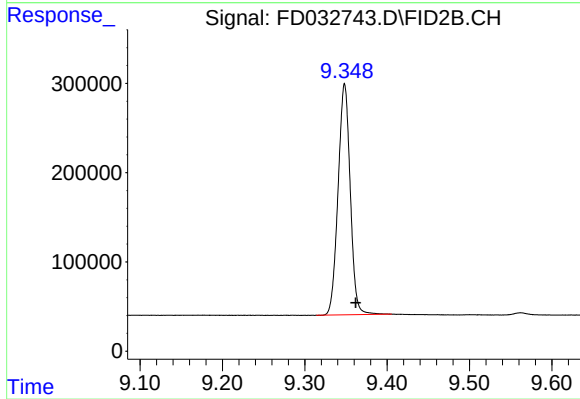
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min
Delta R.T.: -0.013 min
Response: 1689267
Conc: 19.14 ug/ml



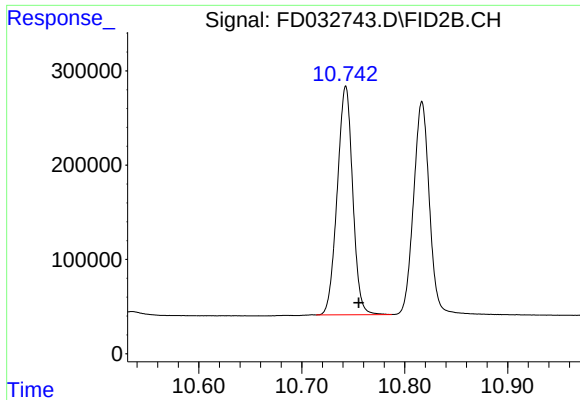
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.012 min
Response: 2807145
Conc: 19.88 ug/ml



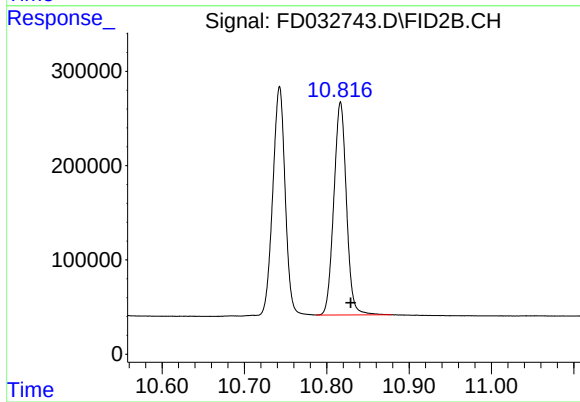
#8 Flouorene (C16.55)

R.T.: 9.348 min
Delta R.T.: -0.013 min
Response: 2654037
Conc: 18.93 ug/ml



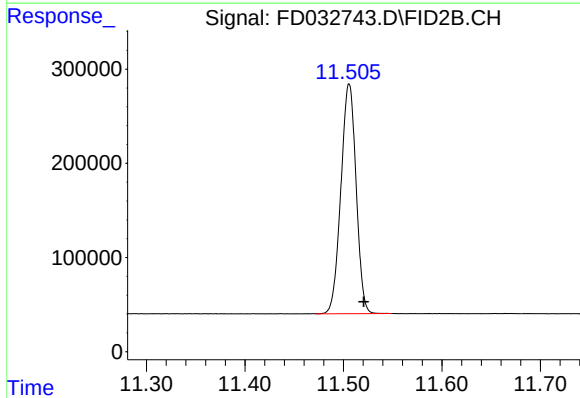
#9 Phenanthrene (C19.36)

R.T.: 10.743 min
Delta R.T.: -0.013 min
Response: 2528526
Conc: 18.09 ug/ml



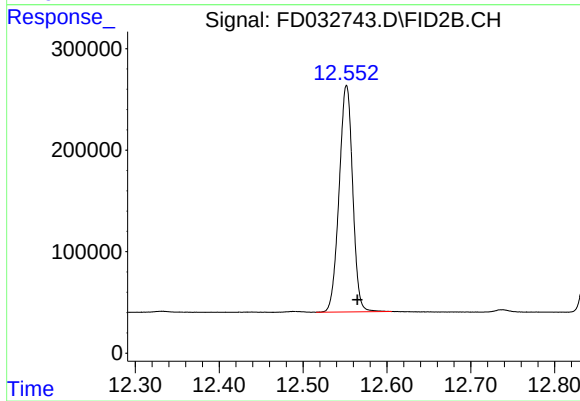
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: -0.013 min
Response: 2409562
Conc: 17.21 ug/ml



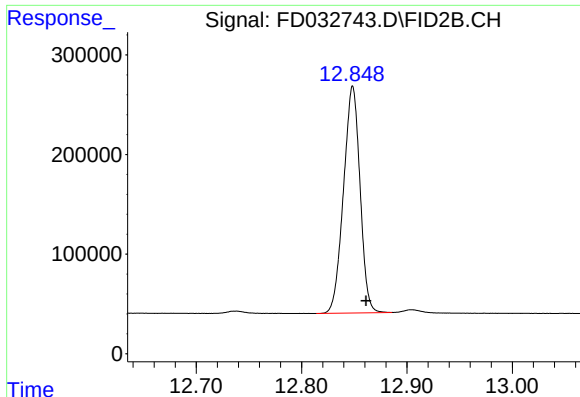
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.015 min
Response: 2619322
Conc: 18.89 ug/ml



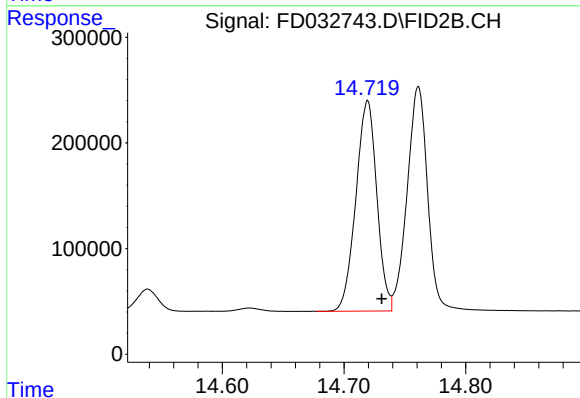
#12 Fluoranthene (C21.85)

R.T.: 12.552 min
Delta R.T.: -0.013 min
Response: 2507318
Conc: 17.88 ug/ml



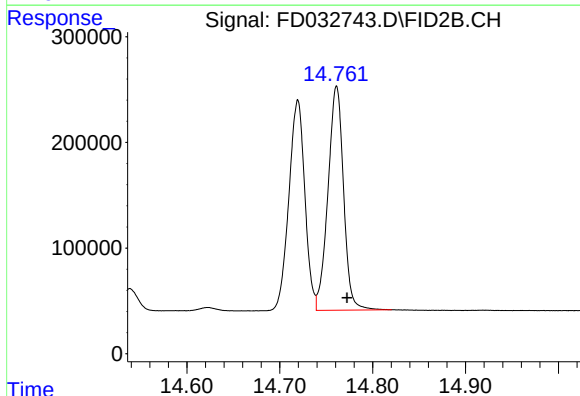
#13 Pyrene (C20.8)

R.T.: 12.849 min
Delta R.T.: -0.013 min
Response: 2480742
Conc: 18.04 ug/ml



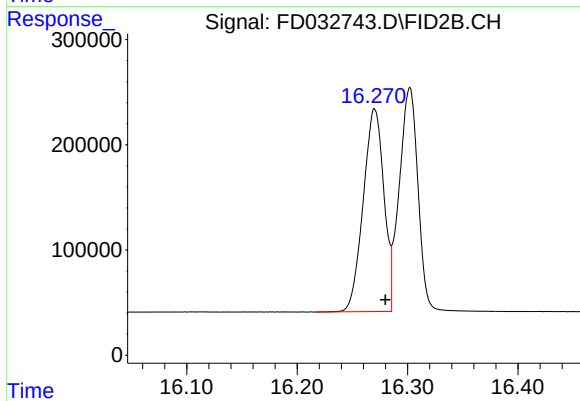
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: -0.012 min
Response: 2383425
Conc: 18.27 ug/ml



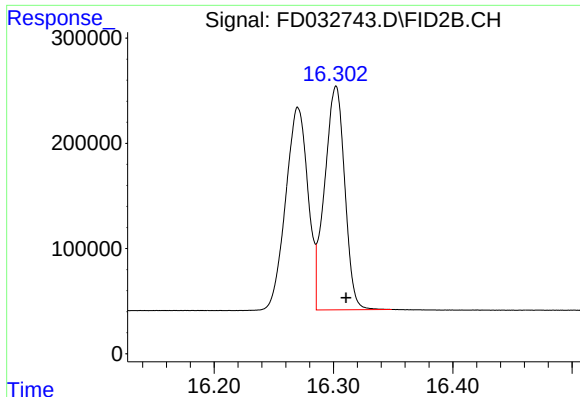
#15 Chrysene (C27.41)

R.T.: 14.761 min
Delta R.T.: -0.011 min
Response: 2473476
Conc: 18.37 ug/ml



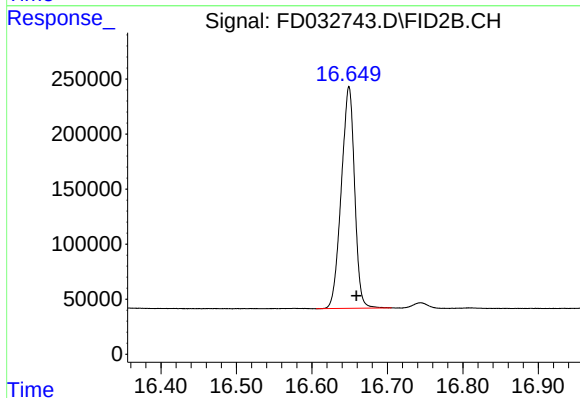
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.270 min
Delta R.T.: -0.010 min
Response: 2505552
Conc: 19.53 ug/ml



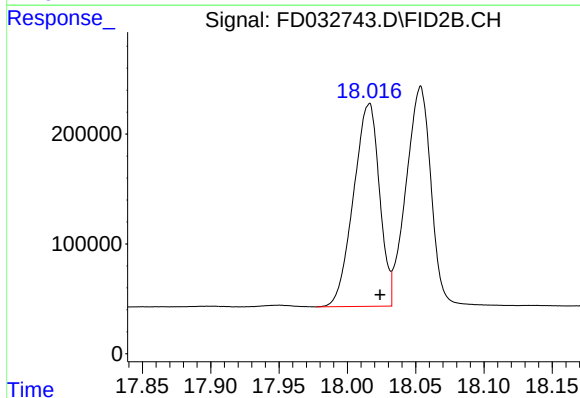
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.302 min
Delta R.T.: -0.008 min
Response: 2494657
Conc: 19.00 ug/ml



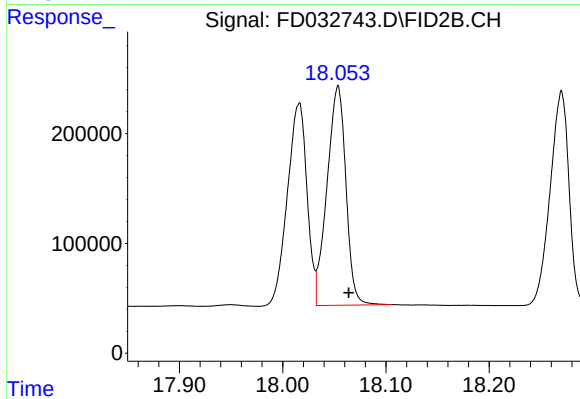
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: -0.010 min
Response: 2472086
Conc: 19.41 ug/ml



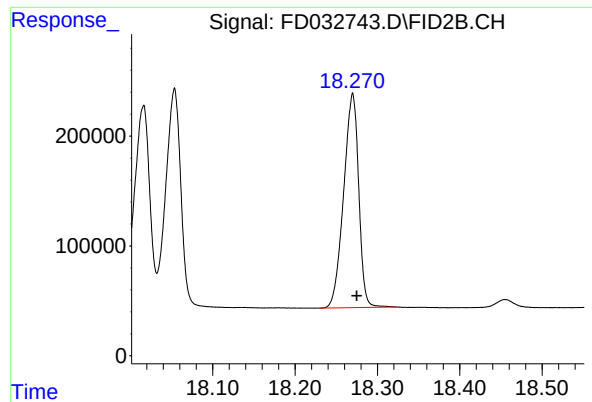
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.016 min
Delta R.T.: -0.008 min
Response: 2443399
Conc: 20.50 ug/ml



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

R.T.: 18.054 min
Delta R.T.: -0.010 min
Response: 2537237
Conc: 20.07 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.005 min
Response: 2474378
Conc: 20.93 ug/ml