

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090319AR\
 Data File : FD030482.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 9:10
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 11:31:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:30:16 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...	7.611	730404	4.412 ug/ml
Spiked Amount 50.000		Recovery =	8.82%
6) S 2-Fluorobiphenyl (SURR)	8.471	488134	4.341 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.68%
11) S ortho-Terphenyl (SURR)	11.503	794687	4.551 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.418	821659	4.504 ug/ml
2) T Naphthalene (C11.7)	5.952	845611	4.452 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	828473	4.430 ug/ml
5) T Acenaphthylene (C15.06)	8.274	805629	4.526 ug/ml
7) T Acenaphthene (C15.5)	8.568	829327	4.485 ug/ml
8) T Fluorene (C16.55)	9.348	805573	4.422 ug/ml
9) T Phenanthrene (C19.36)	10.740	804873	4.453 ug/ml
10) T Anthracene (C19.43)	10.814	784261	4.467 ug/ml
12) T Fluoranthene (C21.85)	12.546	805296	4.522 ug/ml
13) T Pyrene (C20.8)	12.842	799267	4.533 ug/ml
14) T Benzo[a]anthracene (C...	14.707	741646	4.484 ug/ml
15) T Chrysene (C27.41)	14.747	765337	4.598 ug/ml
16) T benzo[b]fluoranthene ...	16.251	718376	4.527 ug/ml
17) T Bnezo[k]fluoranthene ...	16.283	735973	4.645 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	709762	4.570 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	640099	4.462 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	684004	4.766 ug/ml
21) T Benzo[g,h,i]perylene ...	18.241	646462	4.564 ug/ml

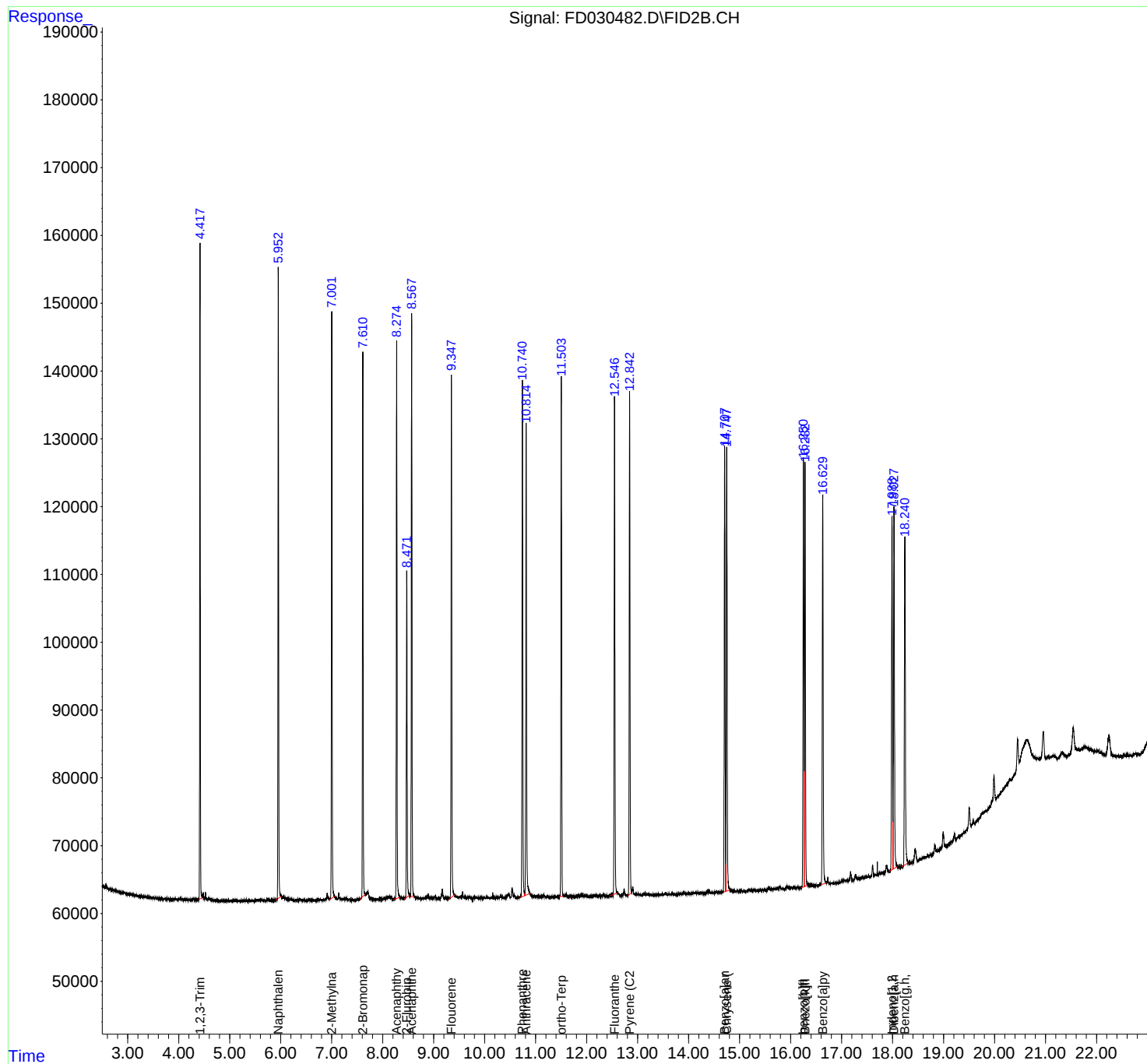
(f)=RT Delta > 1/2 Window

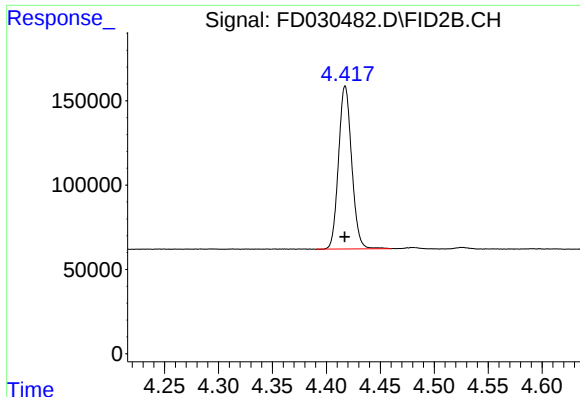
(m)=manual int.

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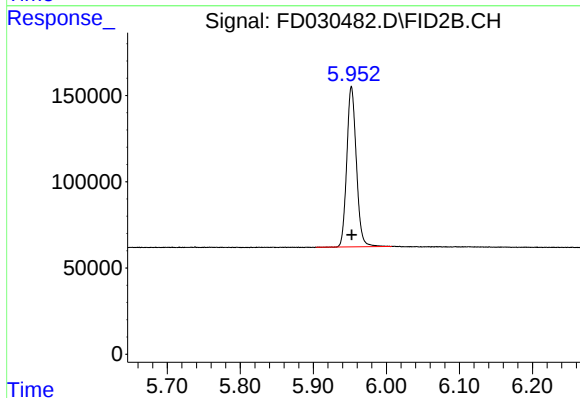
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





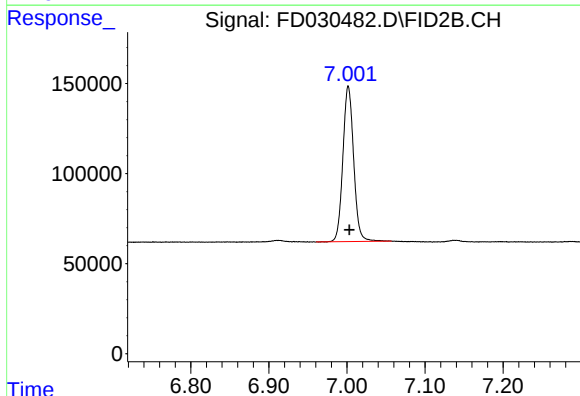
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 821659
Conc: 4.50 ug/ml



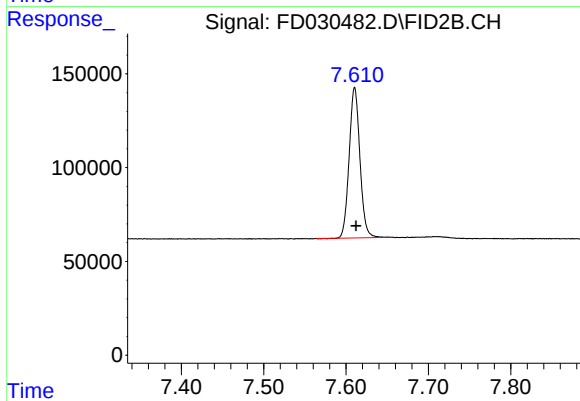
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 845611
Conc: 4.45 ug/ml



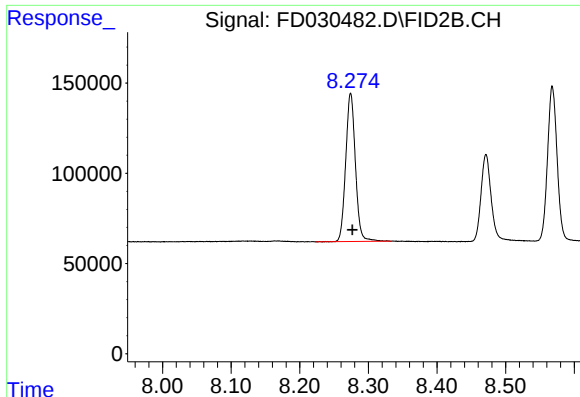
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 828473
Conc: 4.43 ug/ml



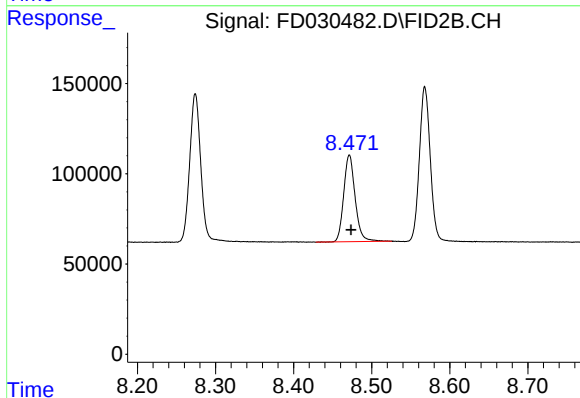
#4 2-Bromonaphthalene (SURR)

R.T.: 7.611 min
Delta R.T.: -0.001 min
Response: 730404
Conc: 4.41 ug/ml



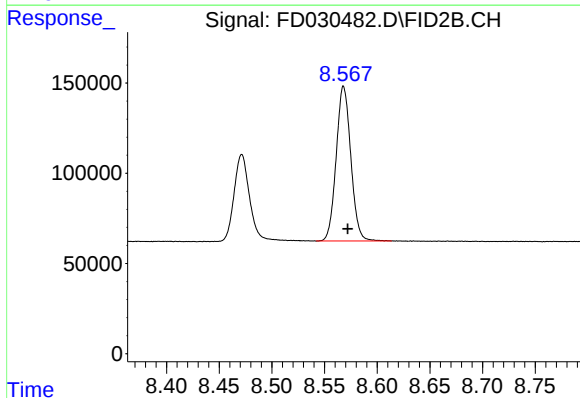
#5 Acenaphthylene (C15.06)

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 805629
Conc: 4.53 ug/ml



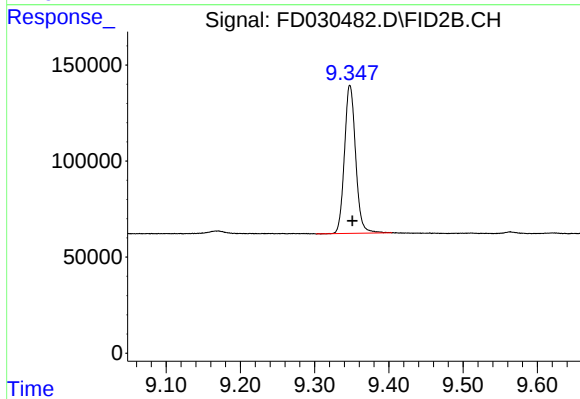
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.471 min
Delta R.T.: -0.002 min
Response: 488134
Conc: 4.34 ug/ml



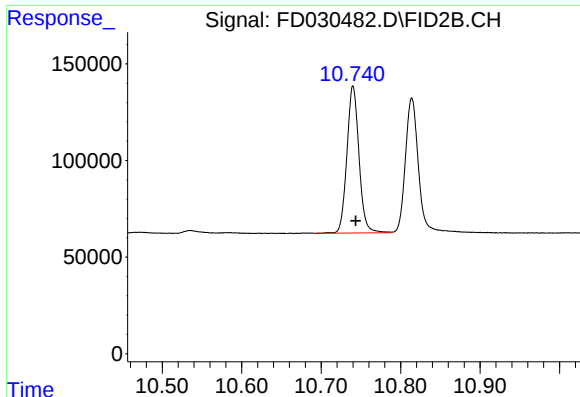
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: -0.004 min
Response: 829327
Conc: 4.48 ug/ml



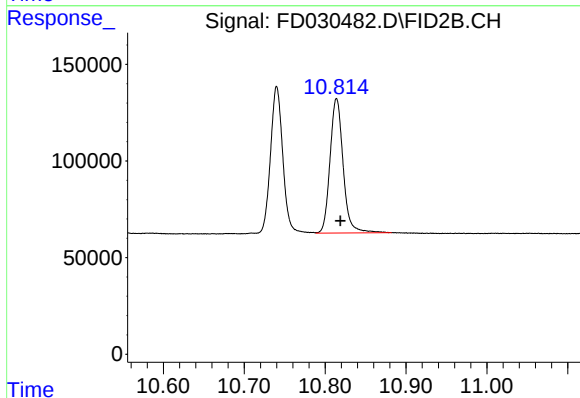
#8 Flouorene (C16.55)

R.T.: 9.348 min
Delta R.T.: -0.003 min
Response: 805573
Conc: 4.42 ug/ml



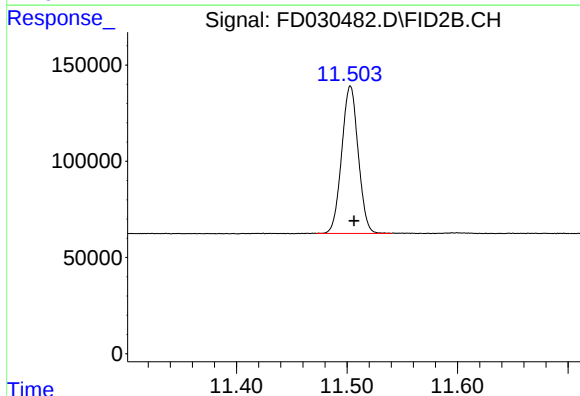
#9 Phenanthrene (C19.36)

R.T.: 10.740 min
Delta R.T.: -0.003 min
Response: 804873
Conc: 4.45 ug/ml



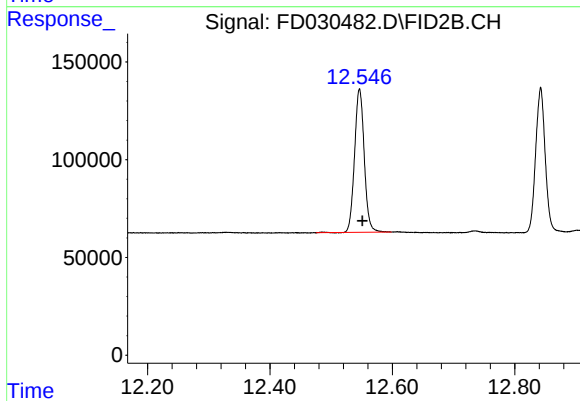
#10 Anthracene (C19.43)

R.T.: 10.814 min
Delta R.T.: -0.005 min
Response: 784261
Conc: 4.47 ug/ml



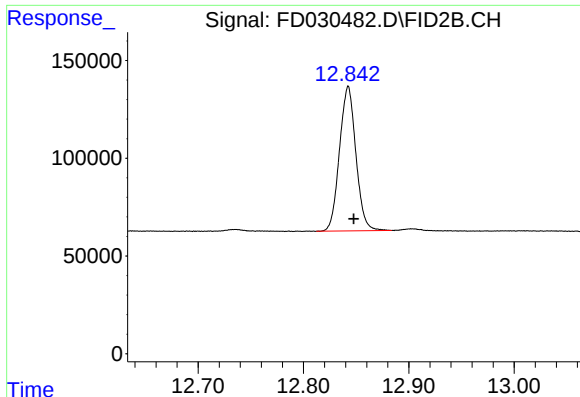
#11 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.003 min
Response: 794687
Conc: 4.55 ug/ml



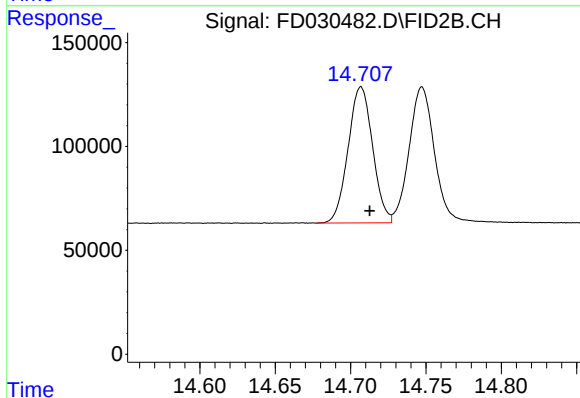
#12 Fluoranthene (C21.85)

R.T.: 12.546 min
Delta R.T.: -0.005 min
Response: 805296
Conc: 4.52 ug/ml



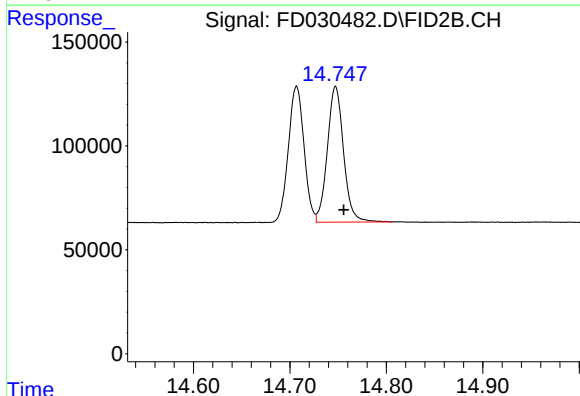
#13 Pyrene (C20.8)

R.T.: 12.842 min
Delta R.T.: -0.005 min
Response: 799267
Conc: 4.53 ug/ml



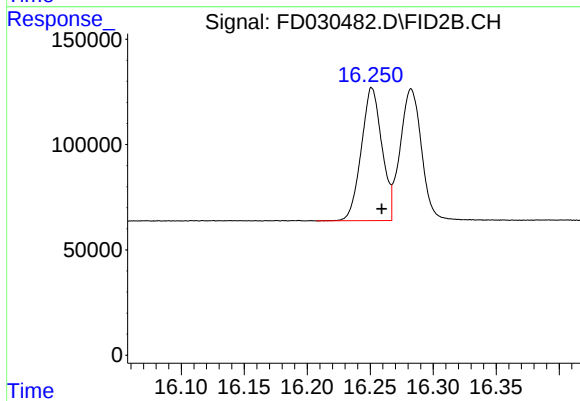
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: -0.006 min
Response: 741646
Conc: 4.48 ug/ml



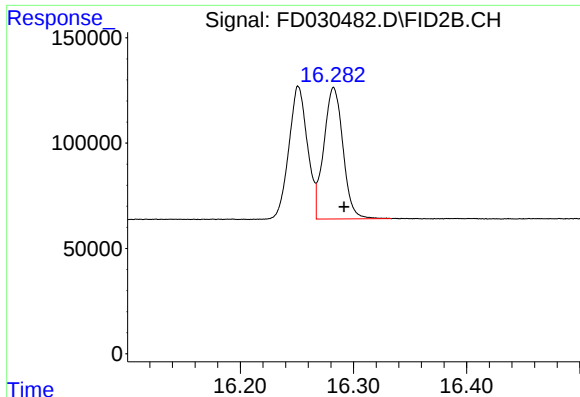
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: -0.008 min
Response: 765337
Conc: 4.60 ug/ml



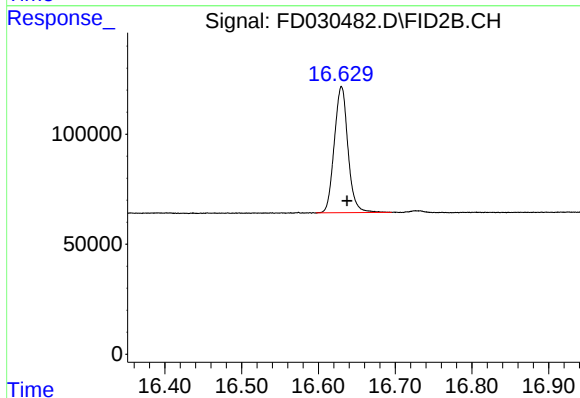
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.251 min
Delta R.T.: -0.008 min
Response: 718376
Conc: 4.53 ug/ml



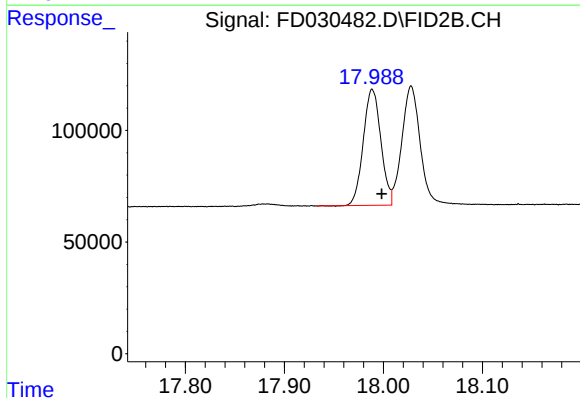
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.283 min
Delta R.T.: -0.009 min
Response: 735973
Conc: 4.65 ug/ml



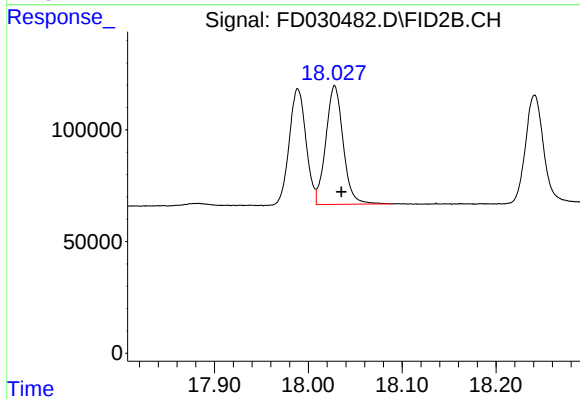
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.007 min
Response: 709762
Conc: 4.57 ug/ml



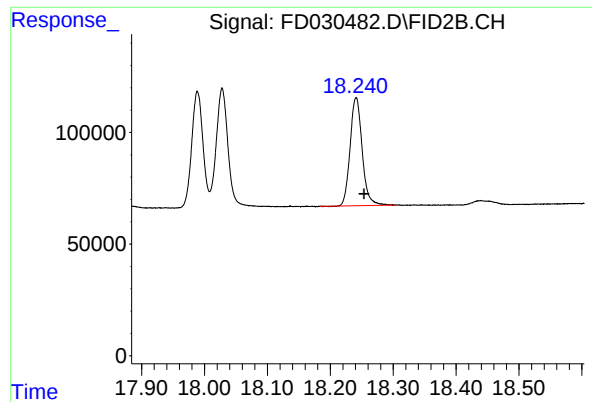
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: -0.009 min
Response: 640099
Conc: 4.46 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.007 min
Response: 684004
Conc: 4.77 ug/ml



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

R.T.: 18.241 min
Delta R.T.: -0.012 min
Response: 646462
Conc: 4.56 ug/ml