

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011520AR\
 Data File : FD032016.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jan 2020 20:25
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 16 01:36:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.633	2367387	21.060 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
6) S 2-Fluorobiphenyl (SURR)	8.493	1627449	20.880 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.76%
11) S ortho-Terphenyl (SURR)	11.530	2522433	20.323 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.438	2463706	21.753 ug/ml
2) T Naphthalene (C11.7)	5.974	2609856	21.456 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	2589408	21.142 ug/ml
5) T Acenaphthylene (C15.06)	8.297	2466011	20.603 ug/ml
7) T Acenaphthene (C15.5)	8.592	2578900	20.854 ug/ml
8) T Flouorene (C16.55)	9.370	2575169	20.618 ug/ml
9) T Phenanthrene (C19.36)	10.764	2571497	20.369 ug/ml
10) T Anthracene (C19.43)	10.839	2358240	18.836 ug/ml
12) T Fluoranthene (C21.85)	12.573	2600974	20.322 ug/ml
13) T Pyrene (C20.8)	12.870	2618786	20.807 ug/ml
14) T Benzo[a]anthracene (C...	14.738	2430908	19.907 ug/ml
15) T Chrysene (C27.41)	14.780	2455987	19.957 ug/ml
16) T benzo[b]fluoranthene ...	16.286	2420596	20.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	2406982	19.895 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.664	2366039	19.805 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2334741	20.322 ug/ml
20) T Dibenz[a,h]anthracene...	18.067	2440246	20.868 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2312187	20.293 ug/ml

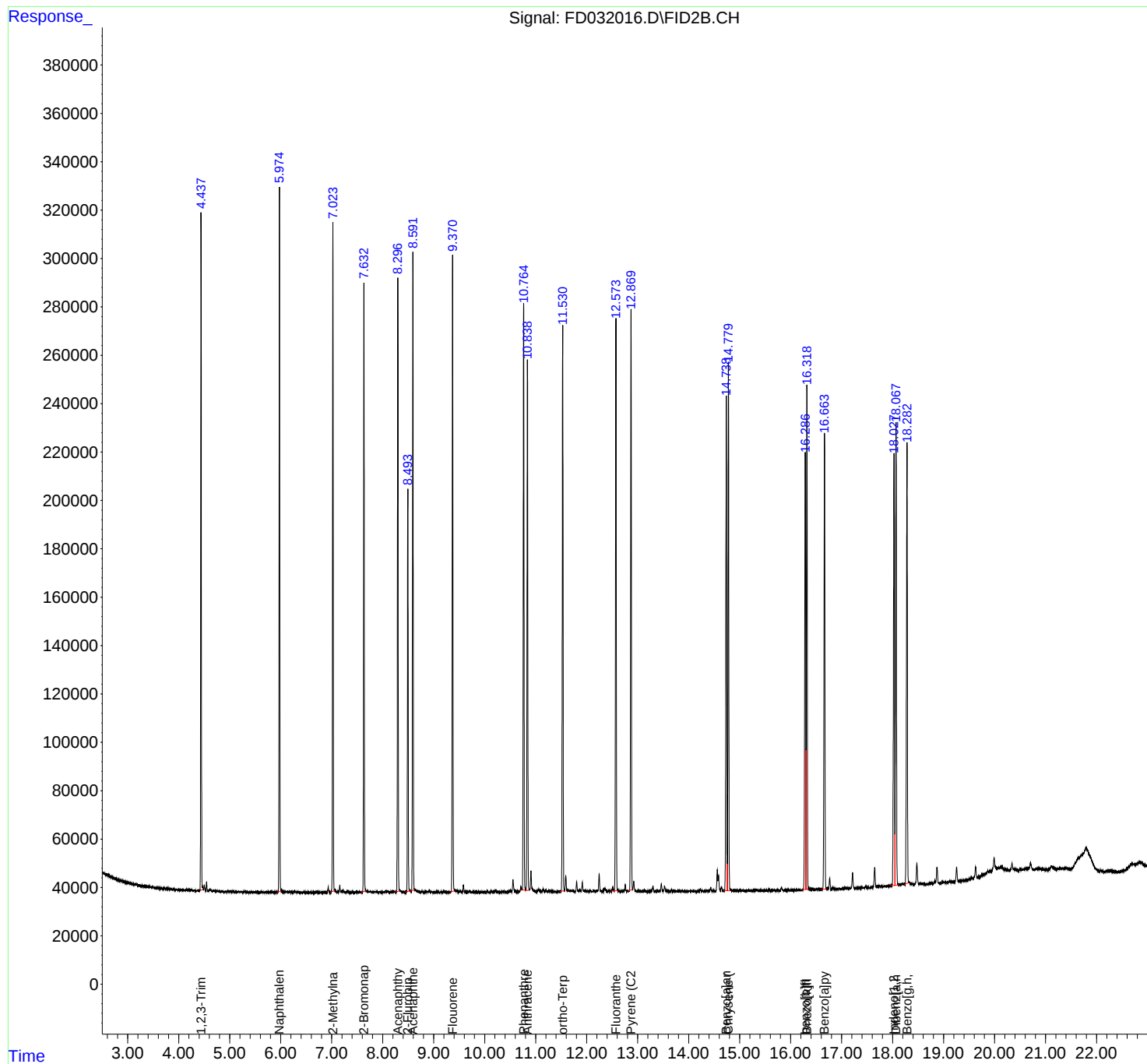
(f)=RT Delta > 1/2 Window

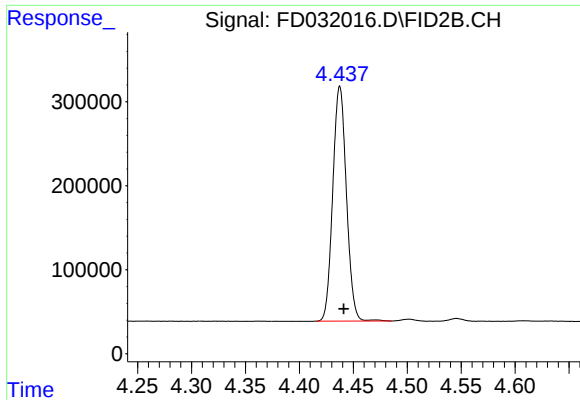
(m)=manual int.

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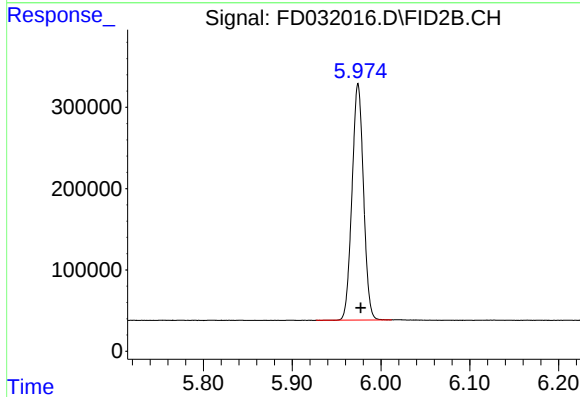
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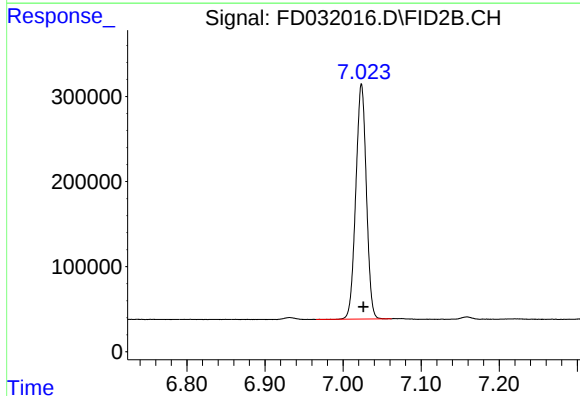
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.438 min
Delta R.T.: -0.003 min
Response: 2463706
Conc: 21.75 ug/ml



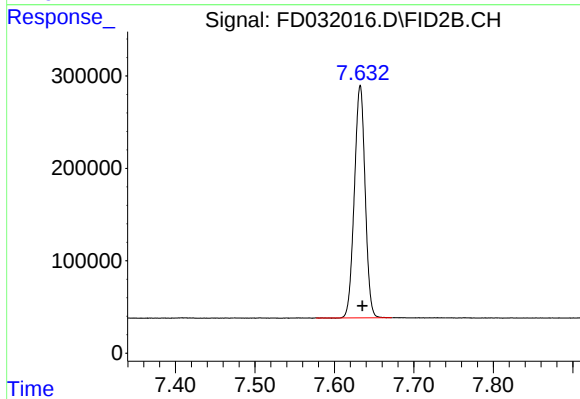
#2 Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 2609856
Conc: 21.46 ug/ml



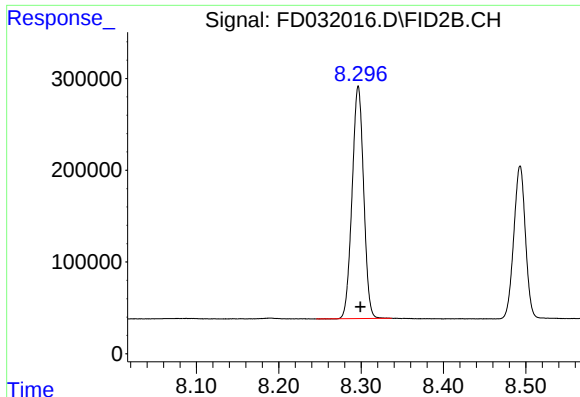
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.002 min
Response: 2589408
Conc: 21.14 ug/ml



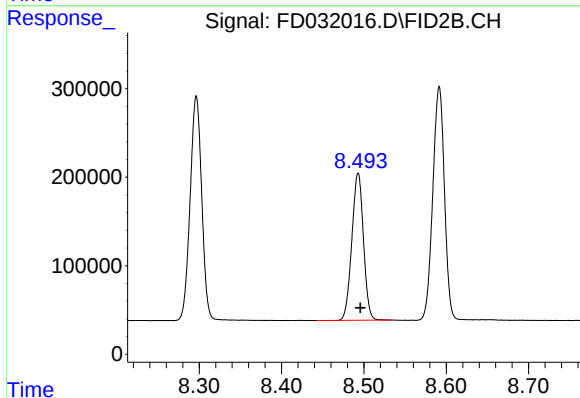
#4 2-Bromonaphthalene (SURR)

R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 2367387
Conc: 21.06 ug/ml



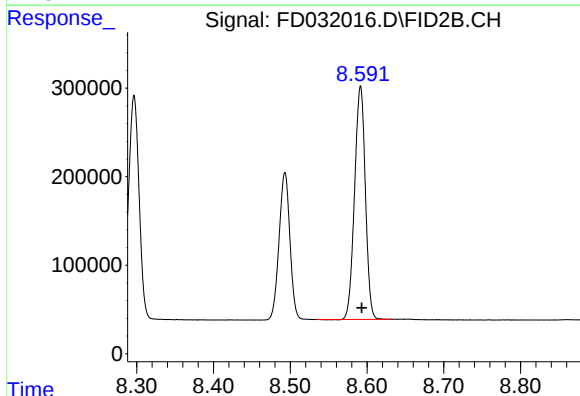
#5 Acenaphthylene (C15.06)

R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 2466011
Conc: 20.60 ug/ml



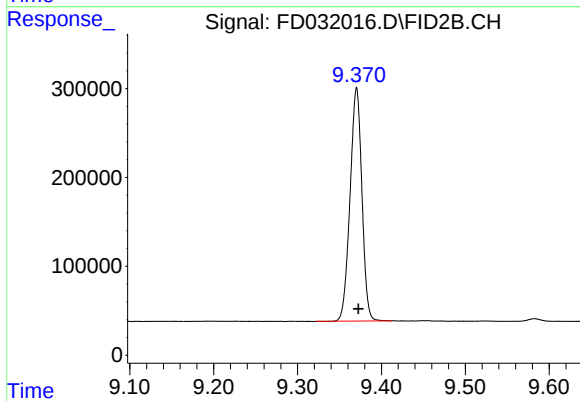
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 1627449
Conc: 20.88 ug/ml



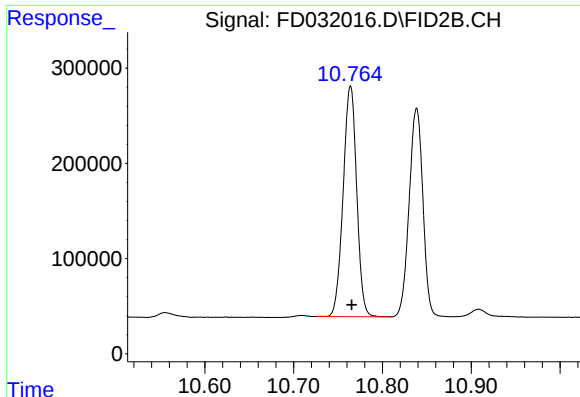
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.002 min
Response: 2578900
Conc: 20.85 ug/ml



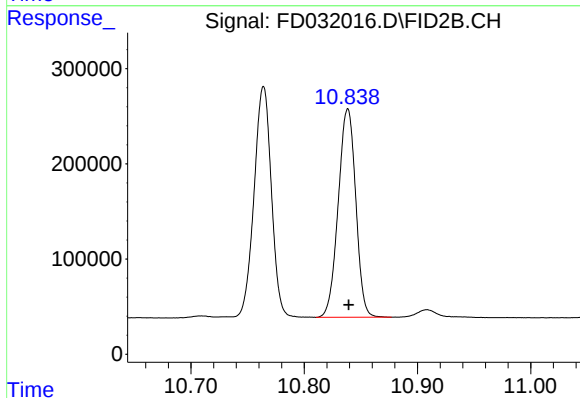
#8 Fluorene (C16.55)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 2575169
Conc: 20.62 ug/ml



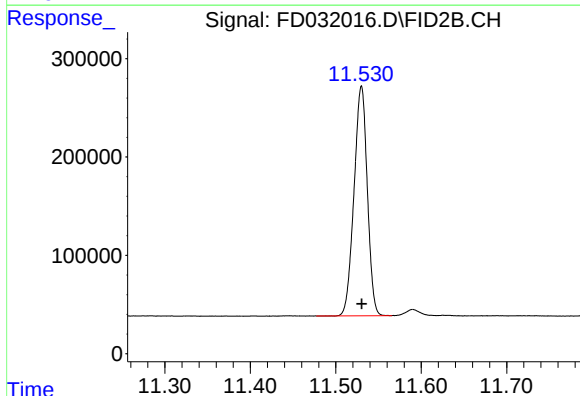
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.001 min
Response: 2571497
Conc: 20.37 ug/ml



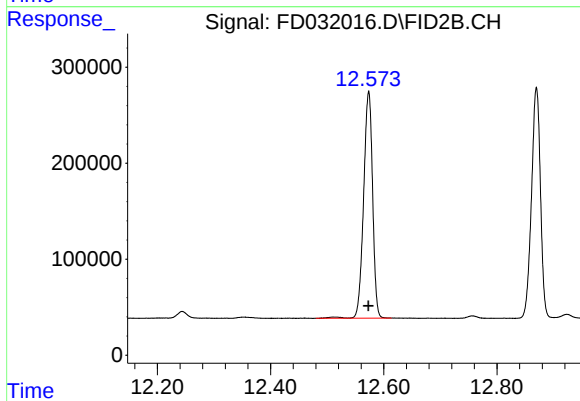
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: 0.000 min
Response: 2358240
Conc: 18.84 ug/ml



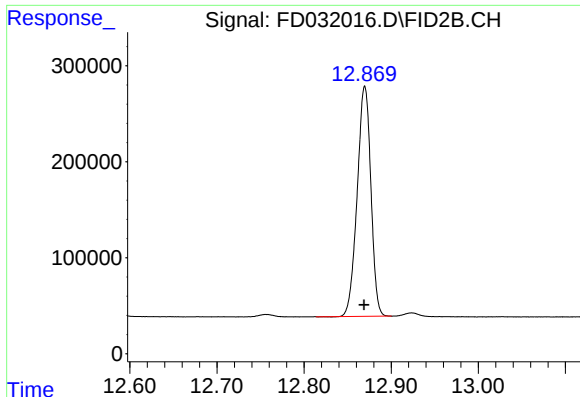
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2522433
Conc: 20.32 ug/ml



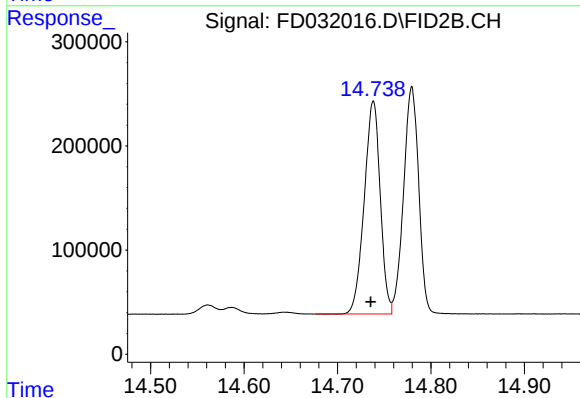
#12 Fluoranthene (C21.85)

R.T.: 12.573 min
Delta R.T.: 0.000 min
Response: 2600974
Conc: 20.32 ug/ml



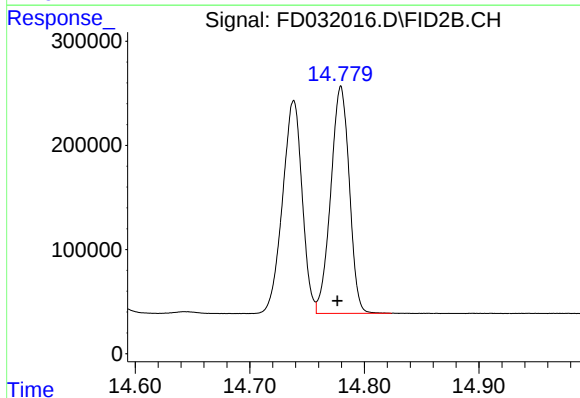
#13 Pyrene (C20.8)

R.T.: 12.870 min
Delta R.T.: 0.001 min
Response: 2618786
Conc: 20.81 ug/ml



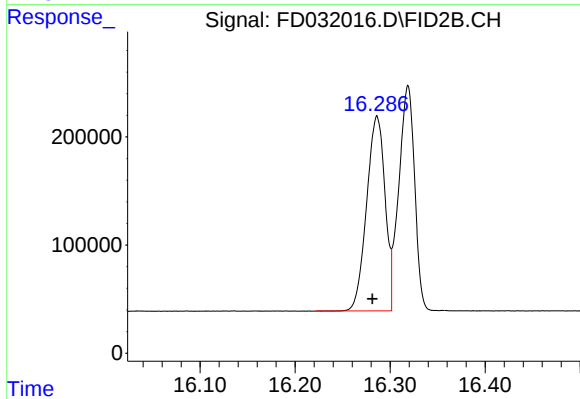
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: 0.003 min
Response: 2430908
Conc: 19.91 ug/ml



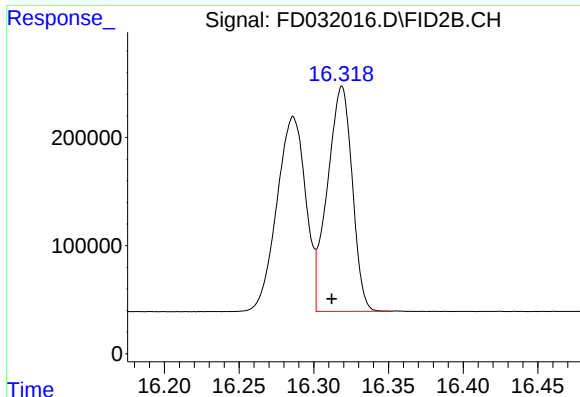
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.003 min
Response: 2455987
Conc: 19.96 ug/ml



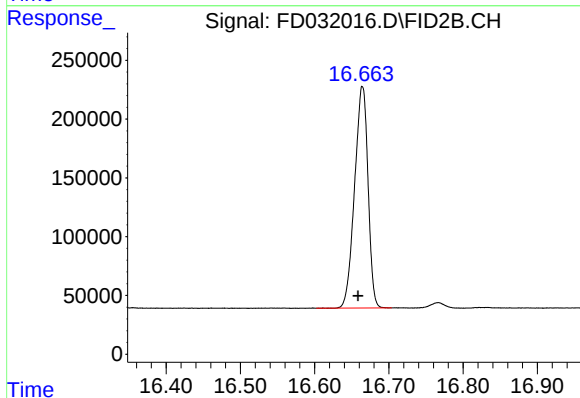
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: 0.005 min
Response: 2420596
Conc: 20.05 ug/ml



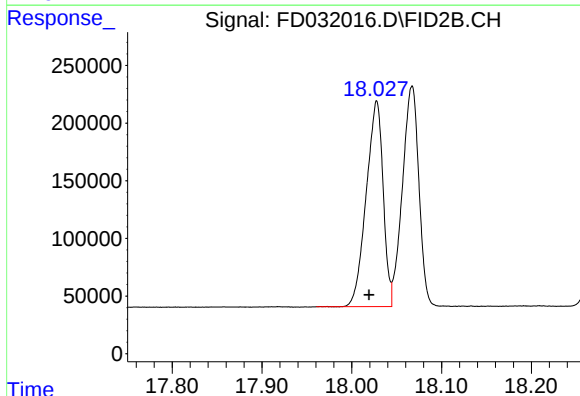
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: 0.007 min
Response: 2406982
Conc: 19.89 ug/ml



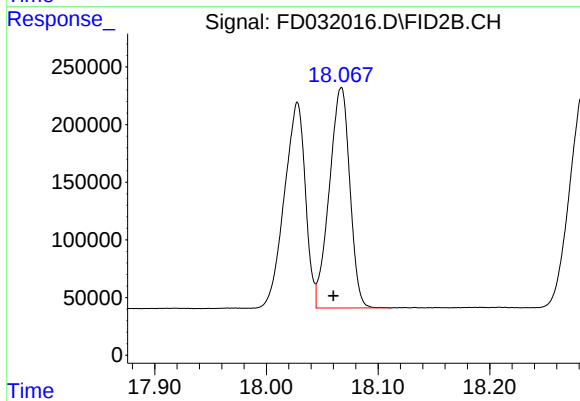
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.664 min
Delta R.T.: 0.006 min
Response: 2366039
Conc: 19.80 ug/ml



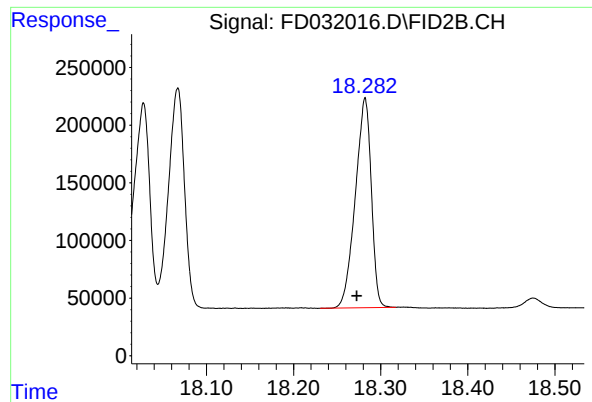
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: 0.009 min
Response: 2334741
Conc: 20.32 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.007 min
Response: 2440246
Conc: 20.87 ug/ml



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

R.T.: 18.282 min
Delta R.T.: 0.010 min
Response: 2312187
Conc: 20.29 ug/ml