

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102918AR\
 Data File : FD026161.D
 Signal(s) : FID2B.CH
 Acq On : 29 Oct 2018 11:02
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 11:30:01 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 2018
 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...	7.414	1487161	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
6) S 2-Fluorobiphenyl (SURR)	8.265	1028866	20.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.08%
11) S ortho-Terphenyl (SURR)	11.311	1622412	20.537 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	1678325	20.979 ug/ml
2) T Naphthalene (C11.7)	5.748	1764237	20.529 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	1701682	20.253 ug/ml
5) T Acenaphthylene (C15.06)	8.069	1637754	20.162 ug/ml
7) T Acenaphthene (C15.5)	8.364	1708920	20.170 ug/ml
8) T Fluorene (C16.55)	9.143	1678329	19.905 ug/ml
9) T Phenanthrene (C19.36)	10.533	1701985	20.186 ug/ml
10) T Anthracene (C19.43)	10.607	1667892	20.280 ug/ml
12) T Fluoranthene (C21.85)	12.339	1801109	21.165 ug/ml
13) T Pyrene (C20.8)	12.633	1832444	21.379 ug/ml
14) T Benzo[a]anthracene (C...	14.503	1857381	22.327 ug/ml
15) T Chrysene (C27.41)	14.545	1880115	22.380 ug/ml
16) T benzo[b]fluoranthene ...	16.049	1980488	22.132 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	1981776	22.232 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.425	1977873	21.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.785	1922819	20.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	1903112	21.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.039	1990381	20.680 ug/ml

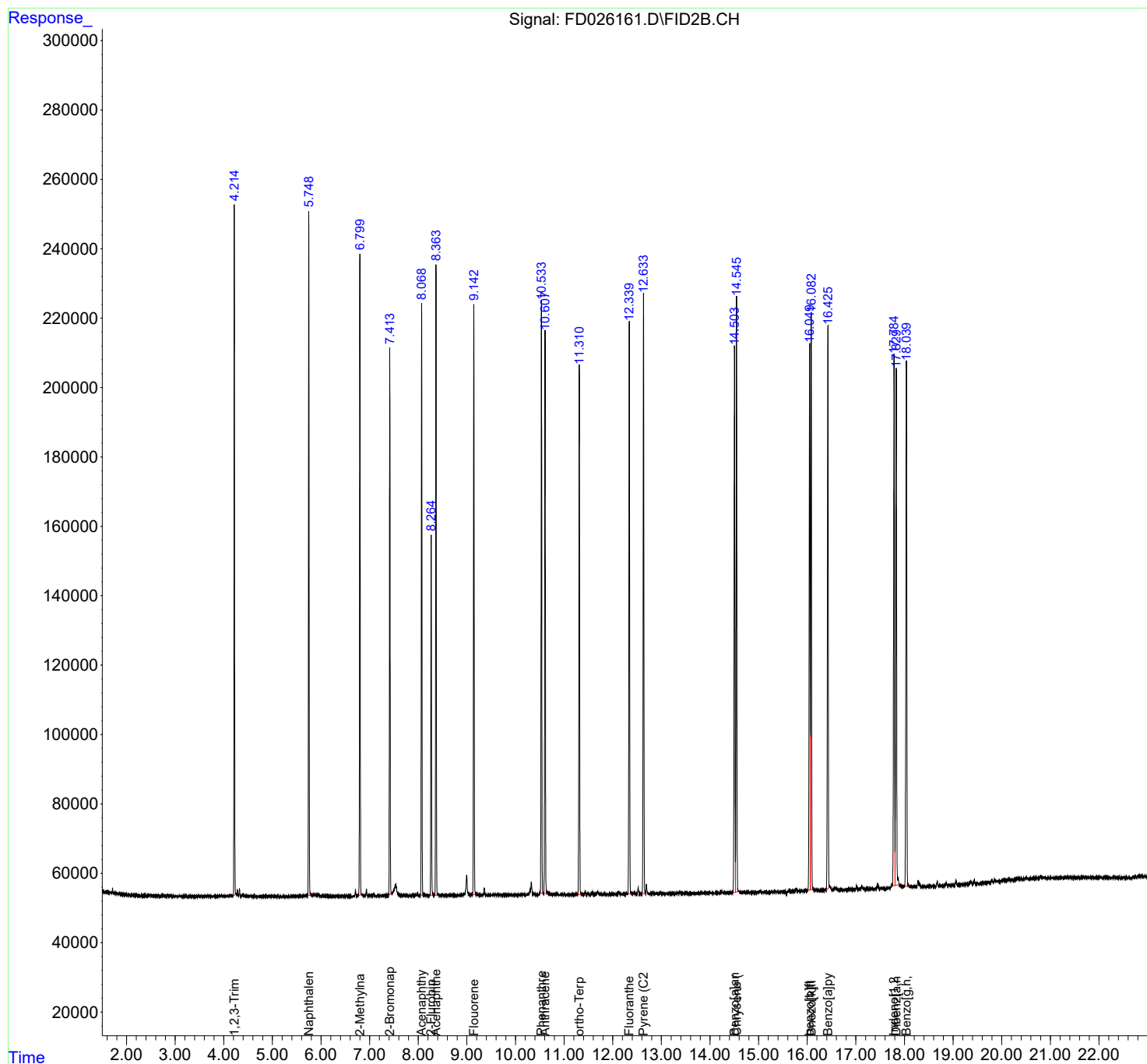
(f)=RT Delta > 1/2 Window

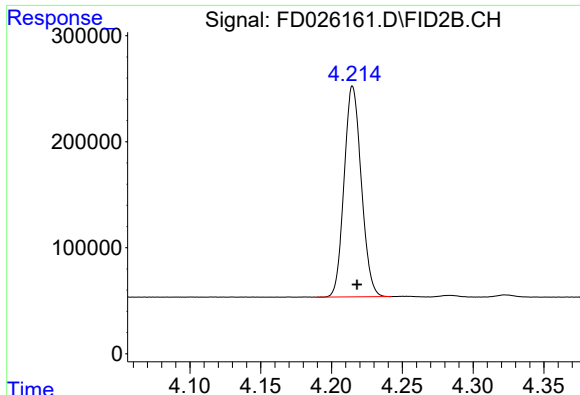
(m)=manual int.

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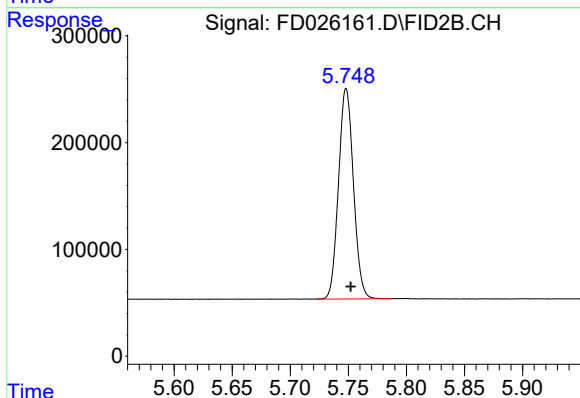
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Signal Info : 20M x 0.18mm x 0.18µm





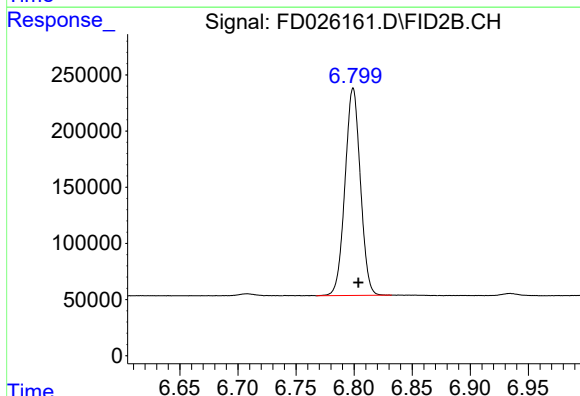
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 1678325
Conc: 20.98 ug/ml



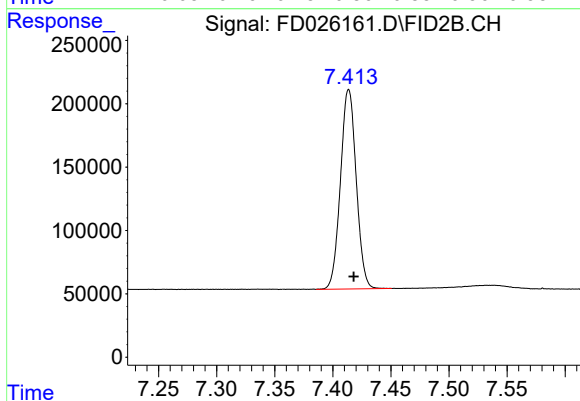
#2 Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 1764237
Conc: 20.53 ug/ml



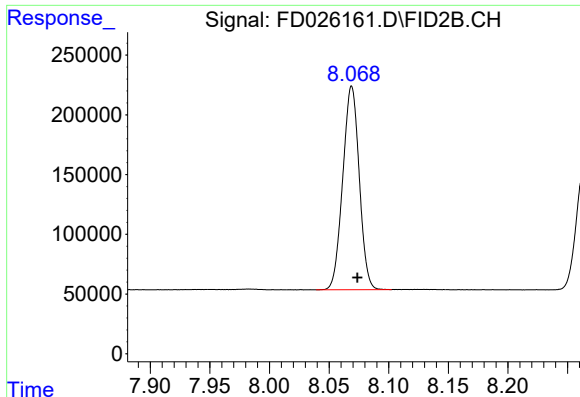
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.004 min
Response: 1701682
Conc: 20.25 ug/ml



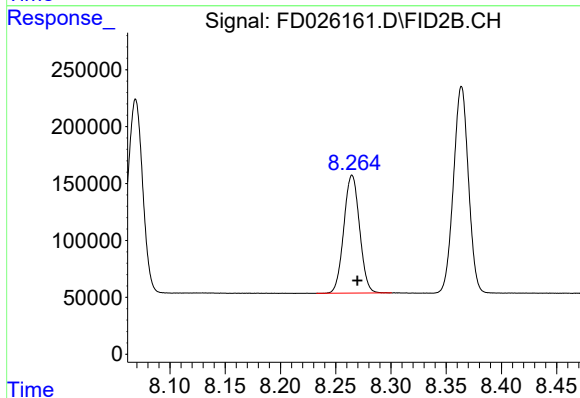
#4 2-Bromonaphthalene (SURR)

R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 1487161
Conc: 20.12 ug/ml



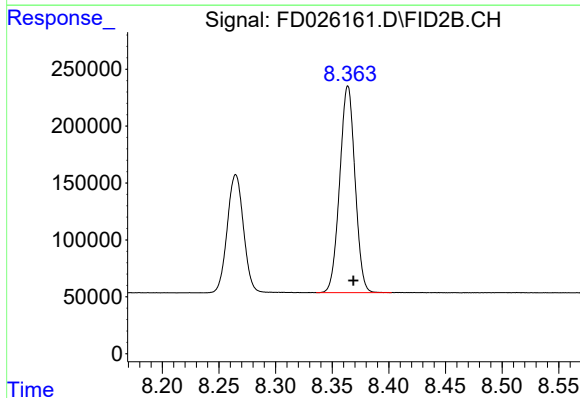
#5 Acenaphthylene (C15.06)

R.T.: 8.069 min
Delta R.T.: -0.005 min
Response: 1637754
Conc: 20.16 ug/ml



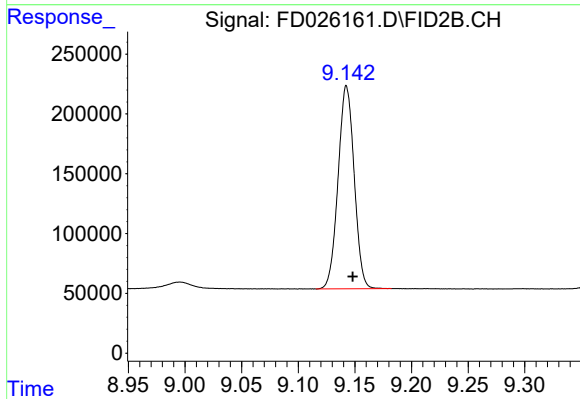
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.265 min
Delta R.T.: -0.005 min
Response: 1028866
Conc: 20.04 ug/ml



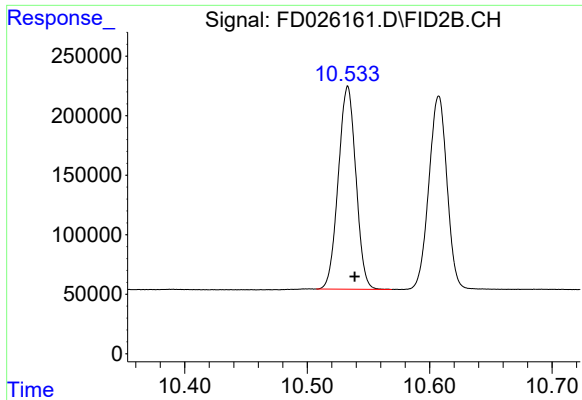
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 1708920
Conc: 20.17 ug/ml



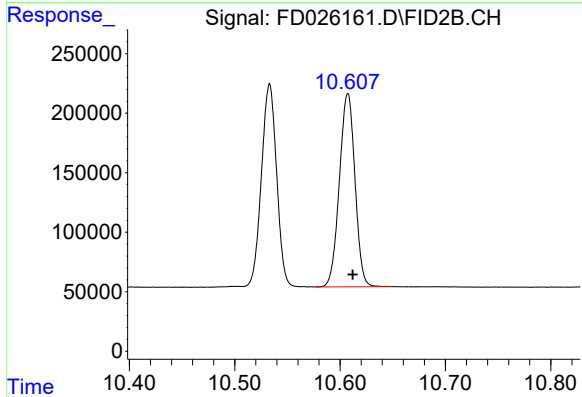
#8 Fluorene (C16.55)

R.T.: 9.143 min
Delta R.T.: -0.005 min
Response: 1678329
Conc: 19.91 ug/ml



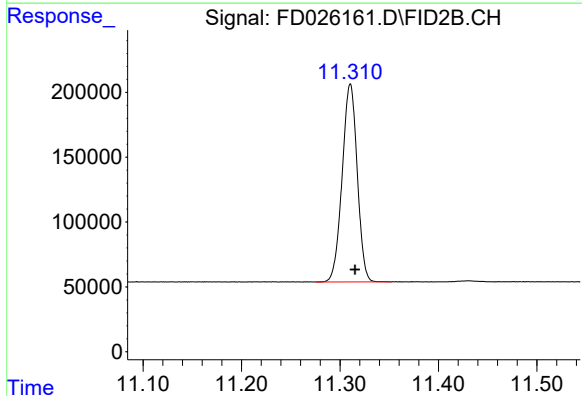
#9 Phenanthrene (C19.36)

R.T.: 10.533 min
Delta R.T.: -0.006 min
Response: 1701985
Conc: 20.19 ug/ml



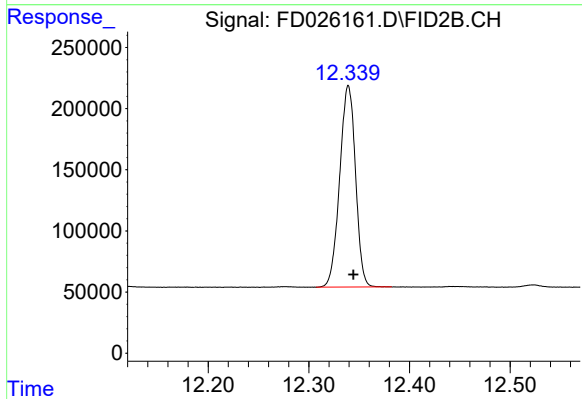
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.005 min
Response: 1667892
Conc: 20.28 ug/ml



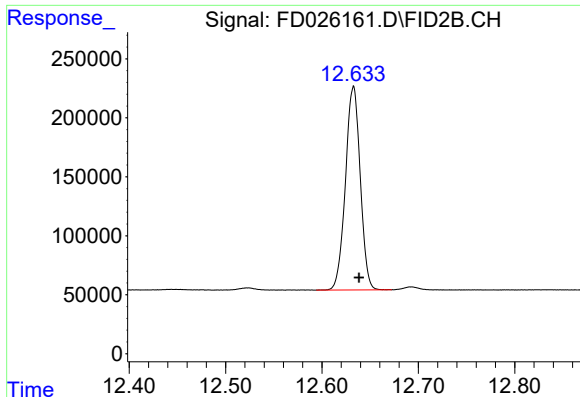
#11 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: -0.005 min
Response: 1622412
Conc: 20.54 ug/ml



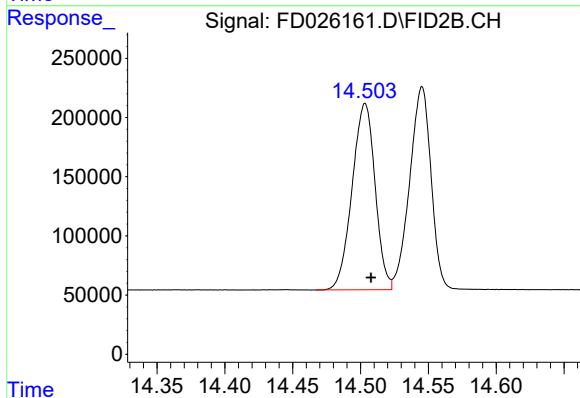
#12 Fluoranthene (C21.85)

R.T.: 12.339 min
Delta R.T.: -0.005 min
Response: 1801109
Conc: 21.16 ug/ml



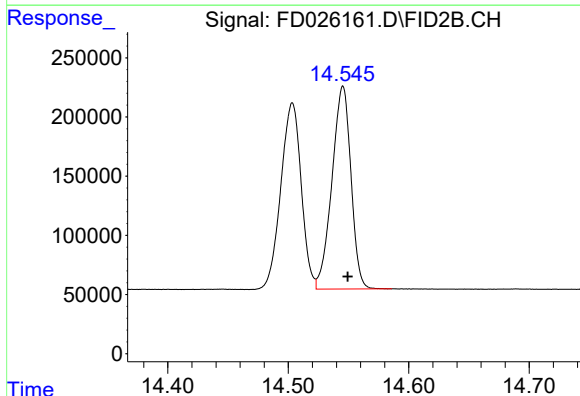
#13 Pyrene (C20.8)

R.T.: 12.633 min
Delta R.T.: -0.006 min
Response: 1832444
Conc: 21.38 ug/ml



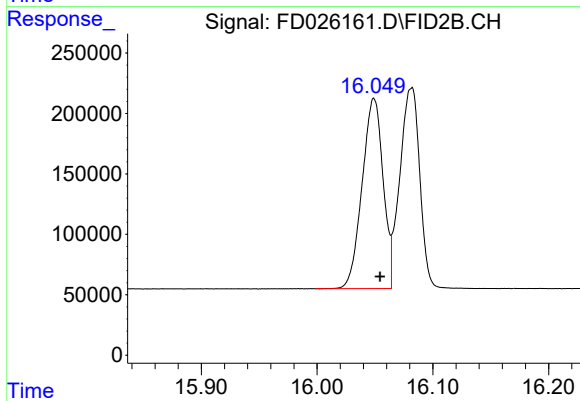
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.503 min
Delta R.T.: -0.004 min
Response: 1857381
Conc: 22.33 ug/ml



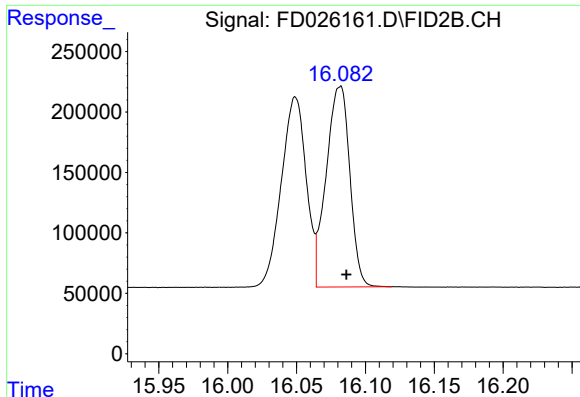
#15 Chrysene (C27.41)

R.T.: 14.545 min
Delta R.T.: -0.004 min
Response: 1880115
Conc: 22.38 ug/ml



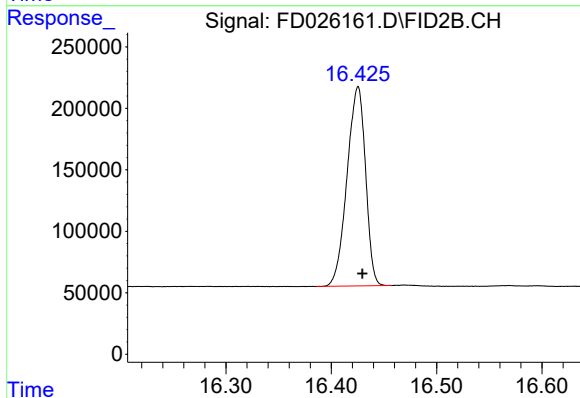
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.049 min
Delta R.T.: -0.005 min
Response: 1980488
Conc: 22.13 ug/ml



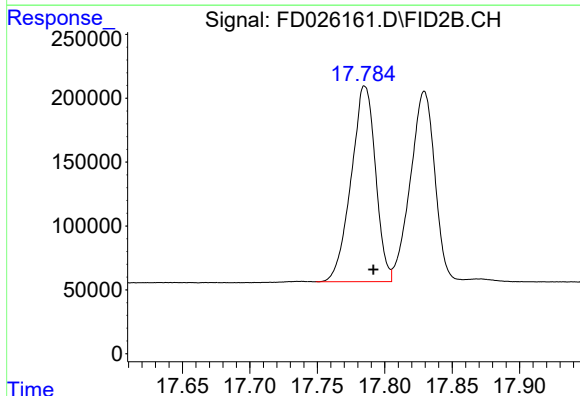
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.082 min
Delta R.T.: -0.005 min
Response: 1981776
Conc: 22.23 ug/ml



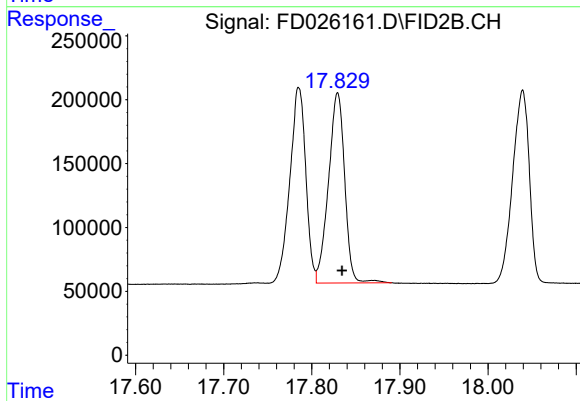
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.425 min
Delta R.T.: -0.004 min
Response: 1977873
Conc: 21.93 ug/ml



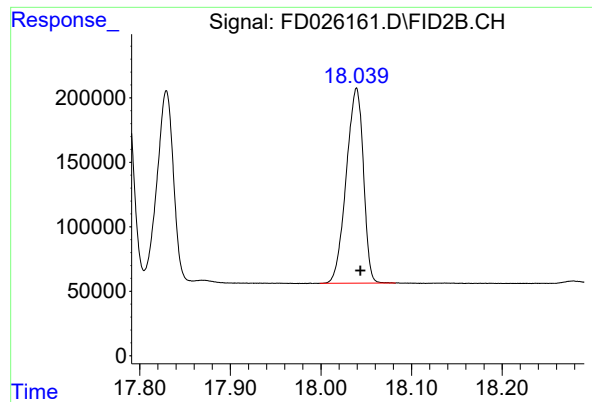
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.785 min
Delta R.T.: -0.006 min
Response: 1922819
Conc: 20.52 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.005 min
Response: 1903112
Conc: 21.00 ug/ml



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

R.T.: 18.039 min
Delta R.T.: -0.004 min
Response: 1990381
Conc: 20.68 ug/ml