

Data Path : \\74.0.250.170\Terastorage\pestpcbsrv\HPCHEM1\FID_D\Data\FD110418AR\
 Data File : FD026314.D
 Signal(s) : FID2B.CH
 Acq On : 04 Nov 2018 22:01
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 05 05:59:20 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...	7.403	1677584	22.692 ug/ml
Spiked Amount 50.000		Recovery =	45.38%
6) S 2-Fluorobiphenyl (SURR)	8.253	1163920	22.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.35%
11) S ortho-Terphenyl (SURR)	11.297	1849563	23.413 ug/ml
Spiked Amount 50.000		Recovery =	46.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	1807020	22.588 ug/ml
2) T Naphthalene (C11.7)	5.738	1942106	22.599 ug/ml
3) T 2-Methylnaphthalene (...)	6.789	1901455	22.630 ug/ml
5) T Acenaphthylene (C15.06)	8.058	1832483	22.559 ug/ml
7) T Acenaphthene (C15.5)	8.352	1913135	22.580 ug/ml
8) T Fluorene (C16.55)	9.131	1895442	22.480 ug/ml
9) T Phenanthrene (C19.36)	10.520	1911911	22.675 ug/ml
10) T Anthracene (C19.43)	10.594	1873183	22.776 ug/ml
12) T Fluoranthene (C21.85)	12.326	1987182	23.351 ug/ml
13) T Pyrene (C20.8)	12.620	2001811	23.355 ug/ml
14) T Benzo[a]anthracene (C...	14.488	1972675	23.713 ug/ml
15) T Chrysene (C27.41)	14.530	1988163	23.666 ug/ml
16) T benzo[b]fluoranthene ...	16.034	2046475	22.870 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.066	2039901	22.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.410	2031685	22.531 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.772	1970780	21.029 ug/ml
20) T Dibenz[a,h]anthracene...	17.815	1941142	21.420 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	2012354	20.908 ug/ml

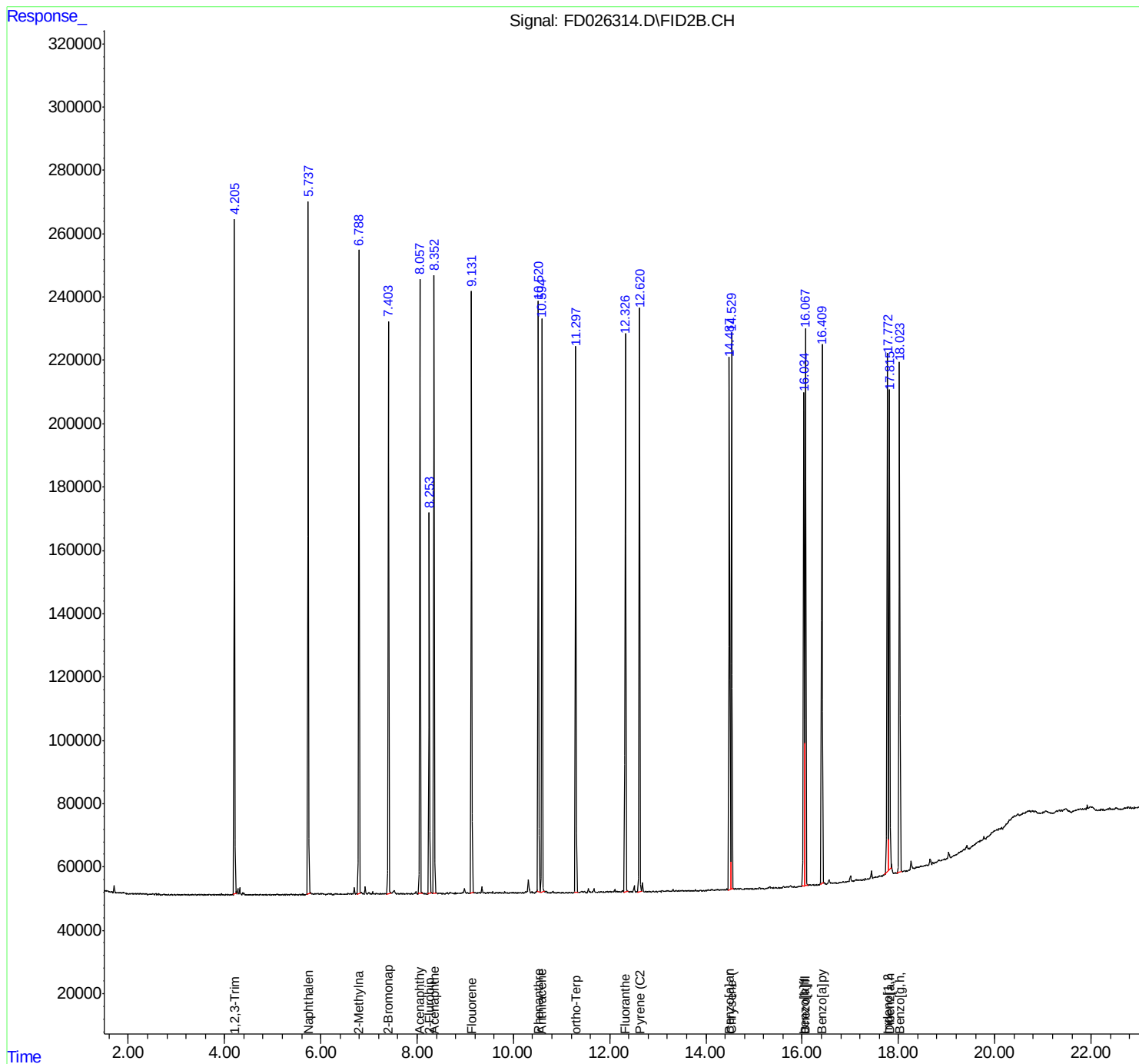
(f)=RT Delta > 1/2 Window

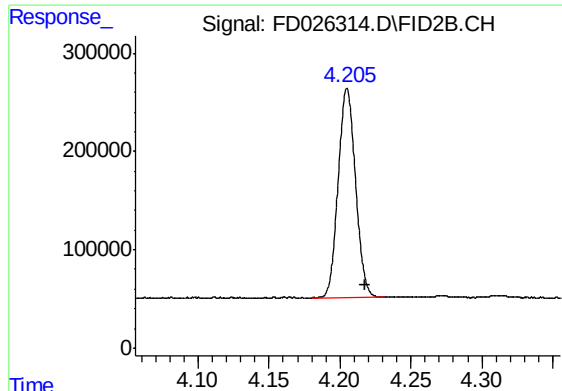
(m)=manual int.

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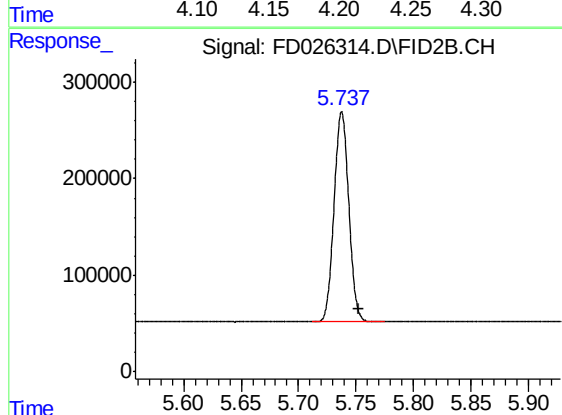
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





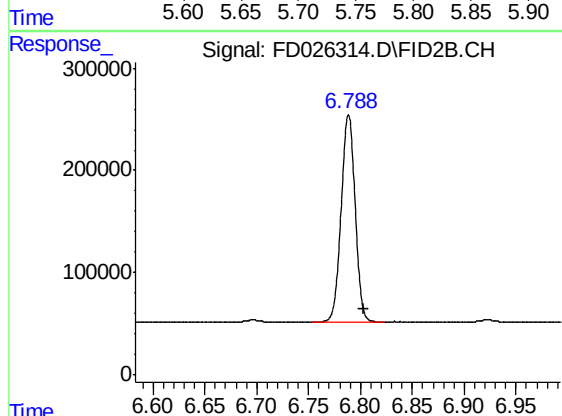
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 1807020
Conc: 22.59 ug/ml



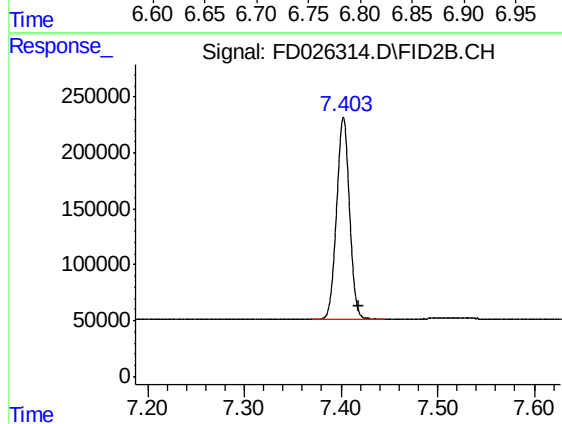
#2 Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: -0.015 min
Response: 1942106
Conc: 22.60 ug/ml



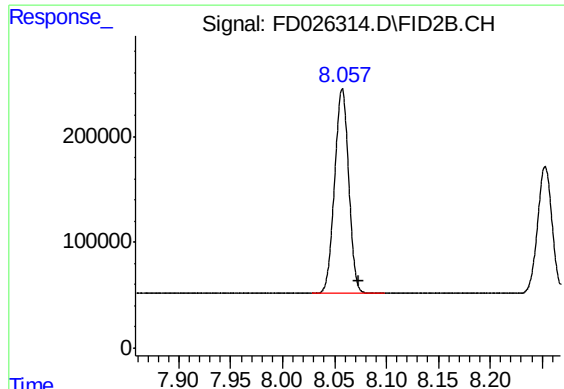
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.789 min
Delta R.T.: -0.015 min
Response: 1901455
Conc: 22.63 ug/ml



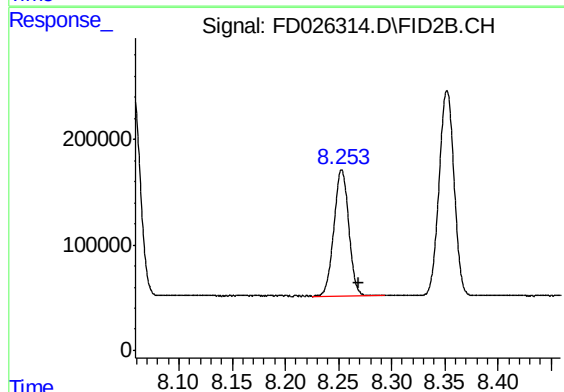
#4 2-Bromonaphthalene (SURR)

R.T.: 7.403 min
Delta R.T.: -0.015 min
Response: 1677584
Conc: 22.69 ug/ml



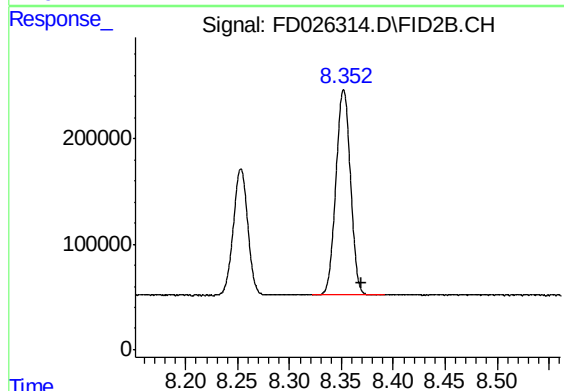
#5 Acenaphthylene (C15.06)

R.T.: 8.058 min
Delta R.T.: -0.016 min
Response: 1832483
Conc: 22.56 ug/ml



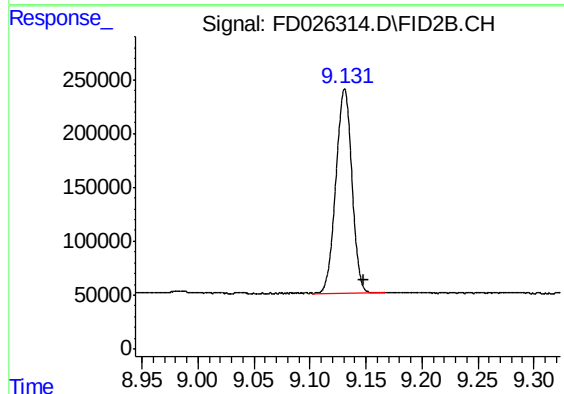
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.253 min
Delta R.T.: -0.017 min
Response: 1163920
Conc: 22.67 ug/ml



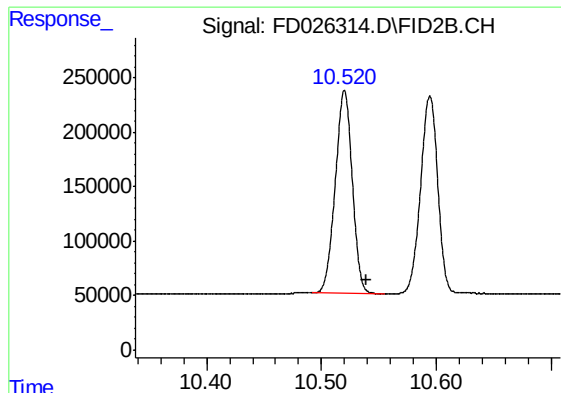
#7 Acenaphthene (C15.5)

R.T.: 8.352 min
Delta R.T.: -0.016 min
Response: 1913135
Conc: 22.58 ug/ml



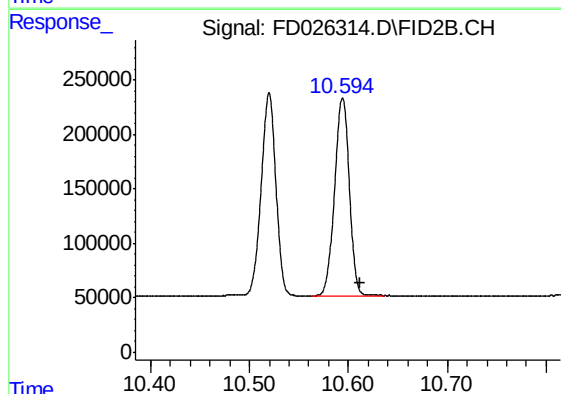
#8 Fluorene (C16.55)

R.T.: 9.131 min
Delta R.T.: -0.017 min
Response: 1895442
Conc: 22.48 ug/ml



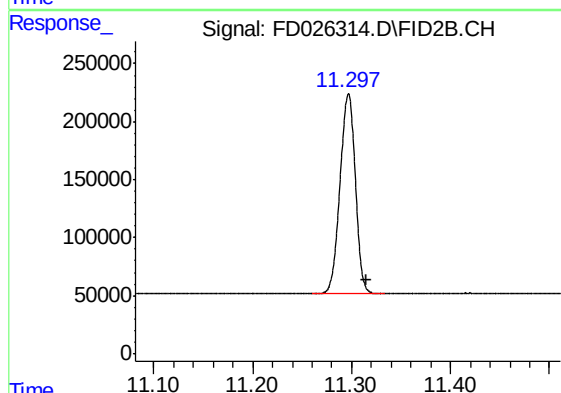
#9 Phenanthrene (C19.36)

R.T.: 10.520 min
Delta R.T.: -0.019 min
Response: 1911911
Conc: 22.68 ug/ml



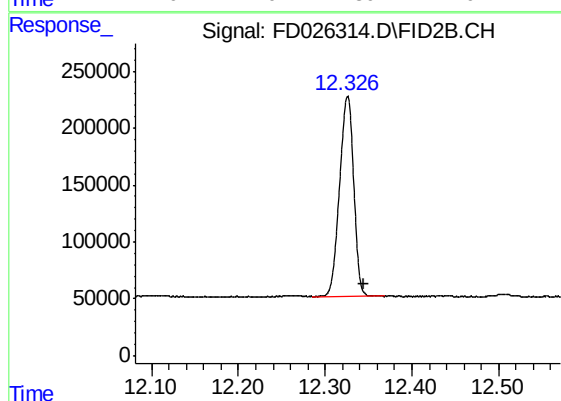
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: -0.018 min
Response: 1873183
Conc: 22.78 ug/ml



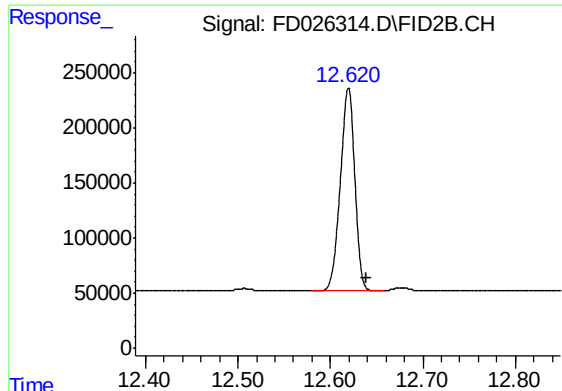
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.018 min
Response: 1849563
Conc: 23.41 ug/ml



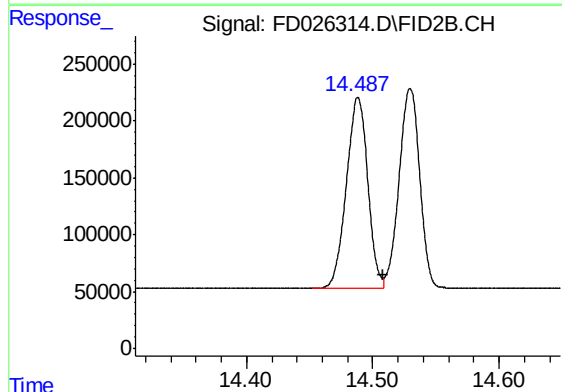
#12 Fluoranthene (C21.85)

R.T.: 12.326 min
Delta R.T.: -0.018 min
Response: 1987182
Conc: 23.35 ug/ml



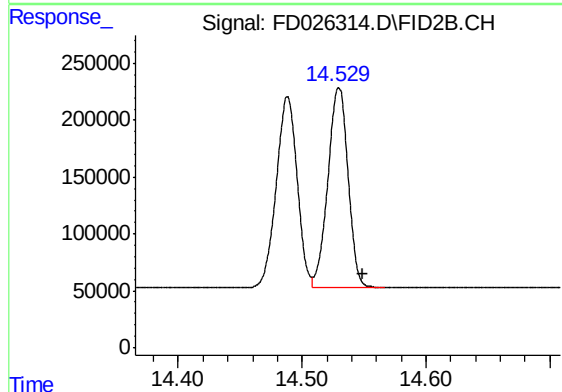
#13 Pyrene (C20.8)

R.T.: 12.620 min
Delta R.T.: -0.019 min
Response: 2001811
Conc: 23.36 ug/ml



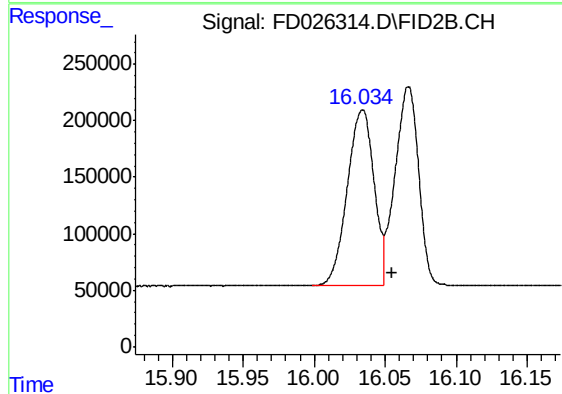
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.488 min
Delta R.T.: -0.020 min
Response: 1972675
Conc: 23.71 ug/ml



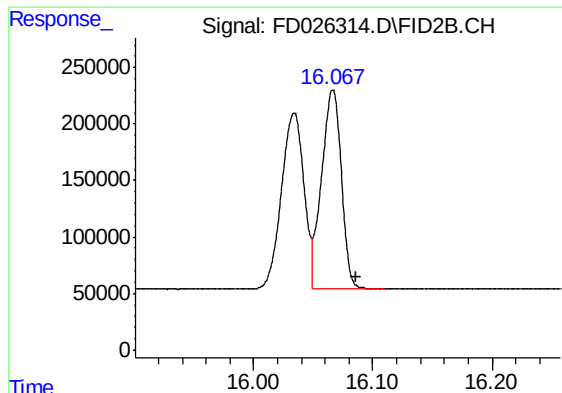
#15 Chrysene (C27.41)

R.T.: 14.530 min
Delta R.T.: -0.020 min
Response: 1988163
Conc: 23.67 ug/ml



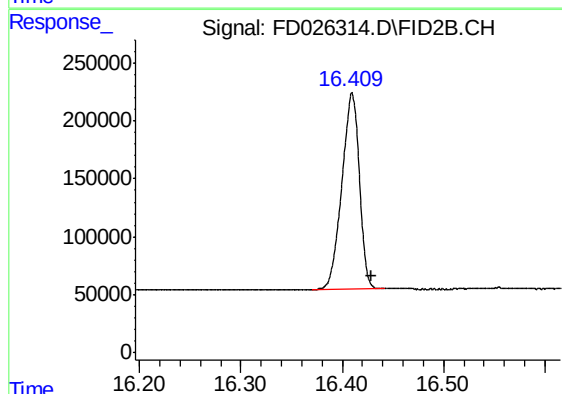
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.034 min
Delta R.T.: -0.021 min
Response: 2046475
Conc: 22.87 ug/ml m



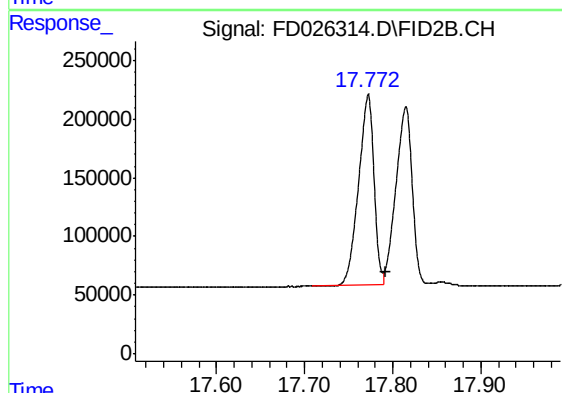
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.066 min
Delta R.T.: -0.020 min
Response: 2039901
Conc: 22.88 ug/ml



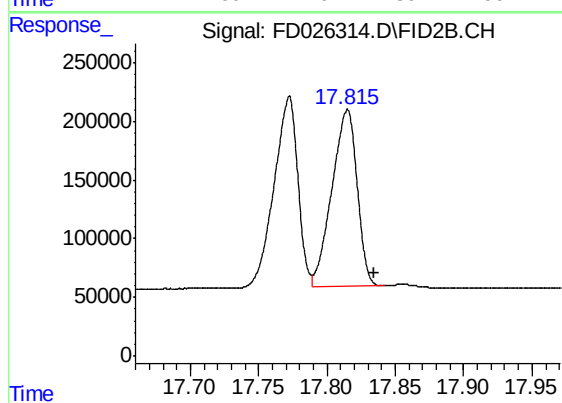
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min
Delta R.T.: -0.020 min
Response: 2031685
Conc: 22.53 ug/ml



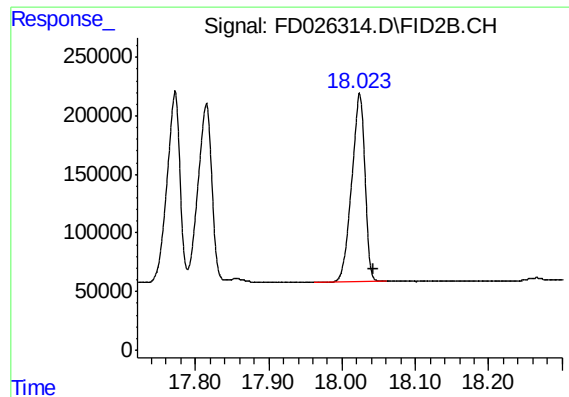
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.772 min
Delta R.T.: -0.019 min
Response: 1970780
Conc: 21.03 ug/ml



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

R.T.: 17.815 min
Delta R.T.: -0.019 min
Response: 1941142
Conc: 21.42 ug/ml



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

R.T.: 18.024 min
Delta R.T.: -0.019 min
Response: 2012354
Conc: 20.91 ug/ml