

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110718AR\
 Data File : FD026428.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2018 12:20
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 08 13:11:17 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

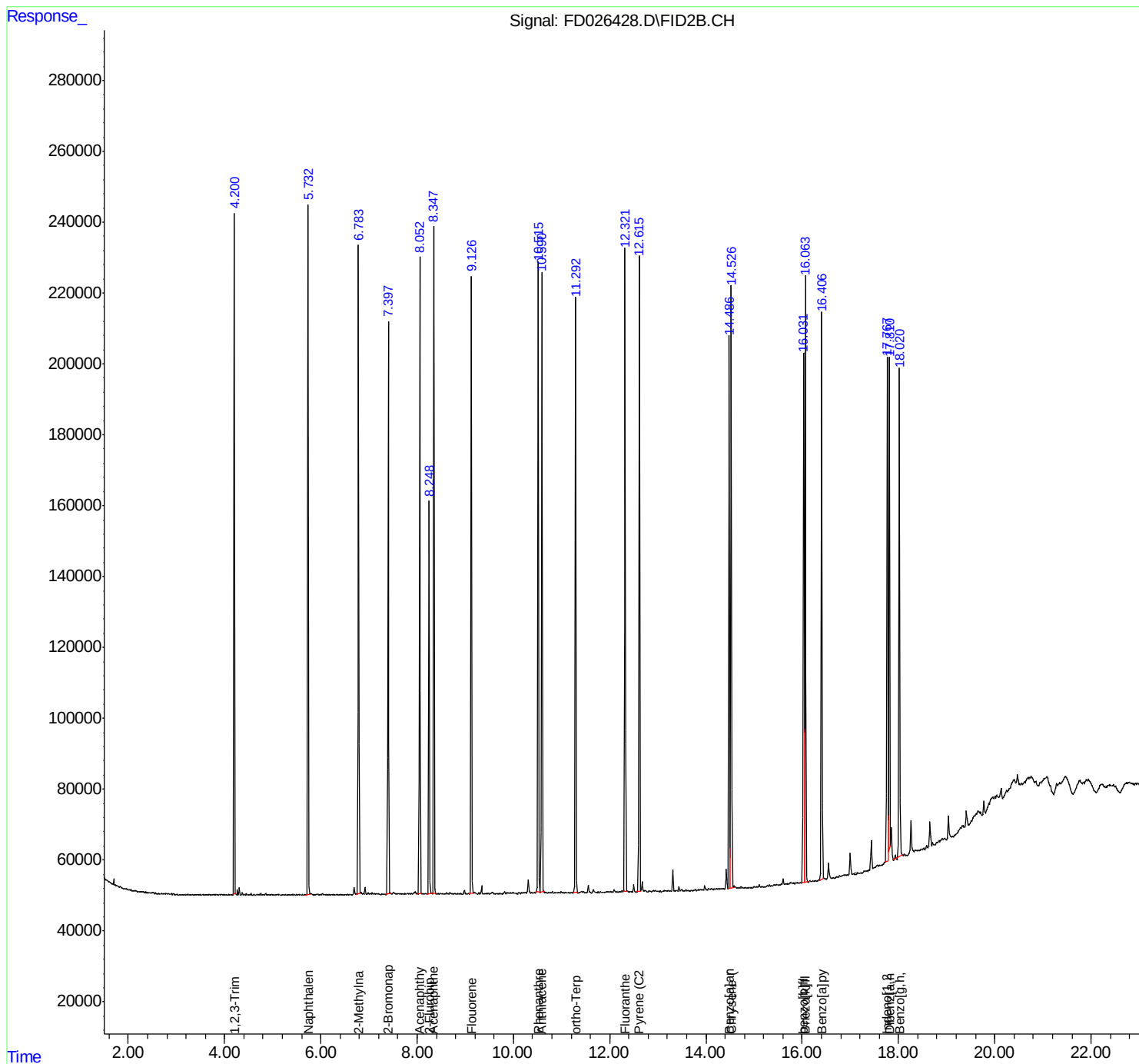
Compound	R.T.	Response	Conc Units

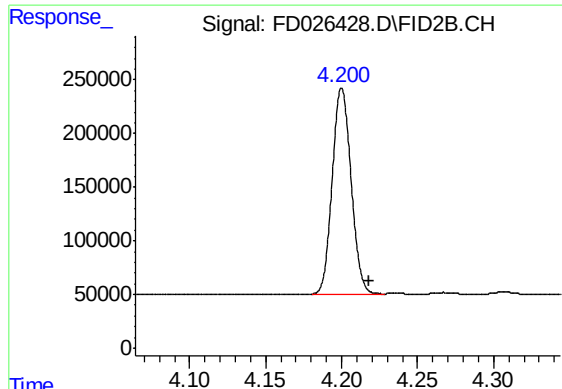
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.397	1518991	20.547 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
6) S 2-Fluorobiphenyl (SURR)	8.248	1068565	20.816 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.63%
11) S ortho-Terphenyl (SURR)	11.292	1750950	22.164 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.200	1653844	20.673 ug/ml
2) T Naphthalene (C11.7)	5.732	1765630	20.545 ug/ml
3) T 2-Methylnaphthalene (...)	6.784	1721633	20.490 ug/ml
5) T Acenaphthylene (C15.06)	8.052	1679386	20.675 ug/ml
7) T Acenaphthene (C15.5)	8.347	1758466	20.755 ug/ml
8) T Fluorene (C16.55)	9.126	1757405	20.843 ug/ml
9) T Phenanthrene (C19.36)	10.516	1827253	21.671 ug/ml
10) T Anthracene (C19.43)	10.590	1775896	21.593 ug/ml
12) T Fluoranthene (C21.85)	12.322	1921954	22.585 ug/ml
13) T Pyrene (C20.8)	12.616	1936034	22.588 ug/ml
14) T Benzo[a]anthracene (C...	14.486	1898546	22.822 ug/mlm
15) T Chrysene (C27.41)	14.526	1902388	22.645 ug/ml
16) T benzo[b]fluoranthene ...	16.031	1936436	21.640 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.063	1937644	21.737 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.406	1894648	21.012 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.767	1763128	18.813 ug/mlm
20) T Dibenz[a,h]anthracene...	17.811	1730637	19.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.020	1739775	18.076 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

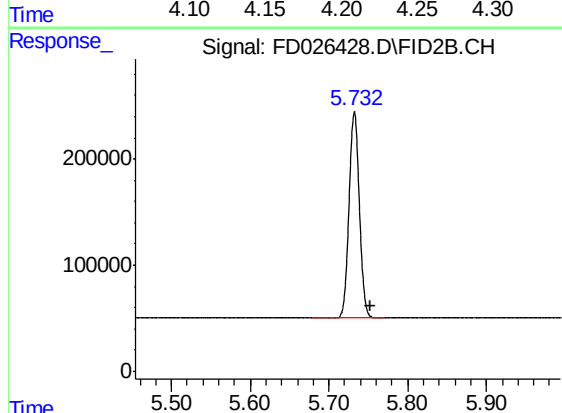
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





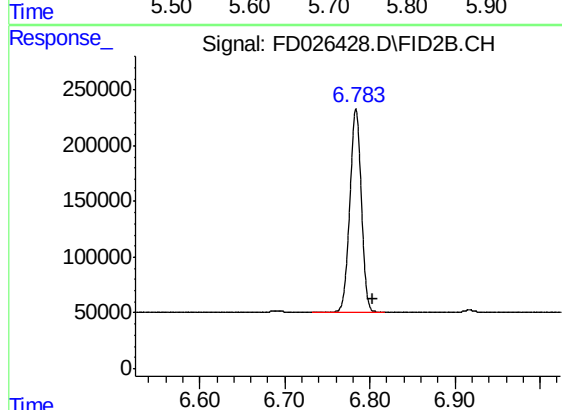
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.200 min
Delta R.T.: -0.018 min
Response: 1653844
Conc: 20.67 ug/ml



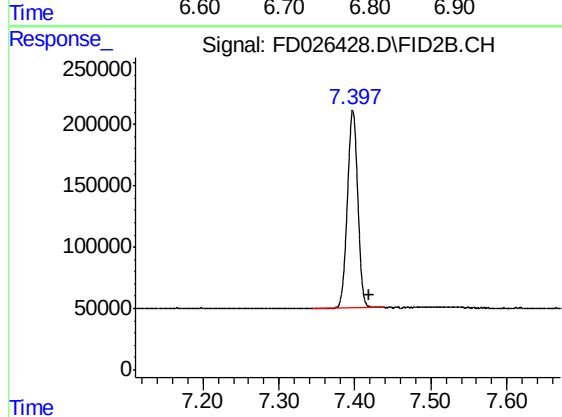
#2 Naphthalene (C11.7)

R.T.: 5.732 min
Delta R.T.: -0.020 min
Response: 1765630
Conc: 20.55 ug/ml



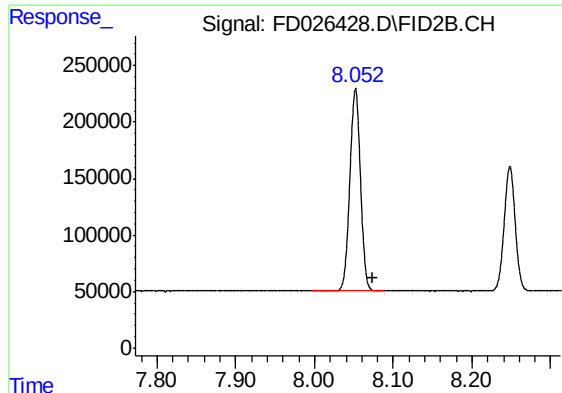
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.784 min
Delta R.T.: -0.020 min
Response: 1721633
Conc: 20.49 ug/ml



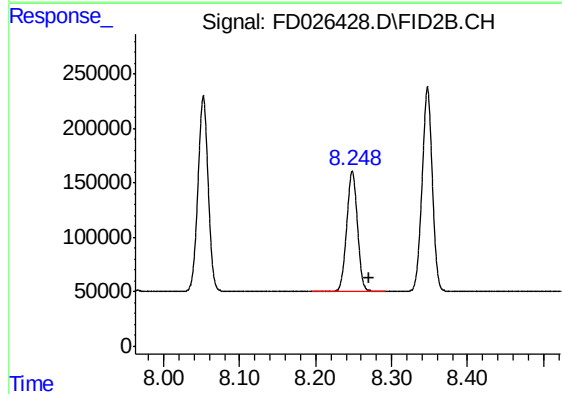
#4 2-Bromonaphthalene (SURR)

R.T.: 7.397 min
Delta R.T.: -0.021 min
Response: 1518991
Conc: 20.55 ug/ml



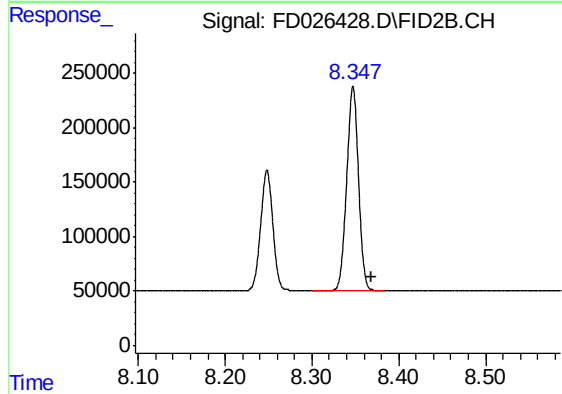
#5 Acenaphthylene (C15.06)

R.T.: 8.052 min
Delta R.T.: -0.021 min
Response: 1679386
Conc: 20.67 ug/ml



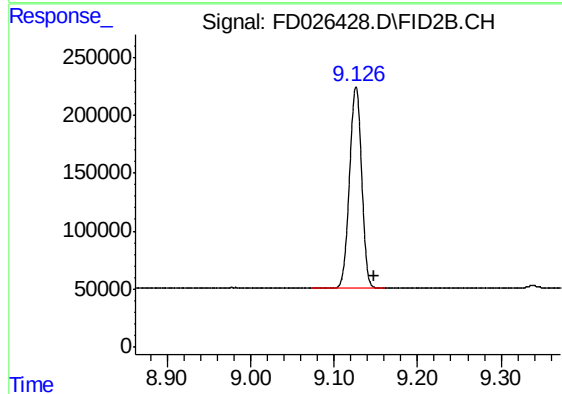
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.248 min
Delta R.T.: -0.021 min
Response: 1068565
Conc: 20.82 ug/ml



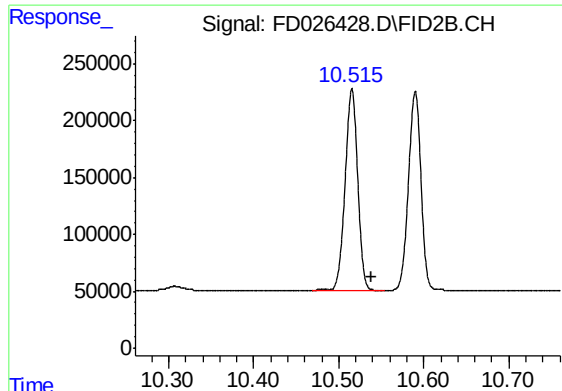
#7 Acenaphthene (C15.5)

R.T.: 8.347 min
Delta R.T.: -0.021 min
Response: 1758466
Conc: 20.75 ug/ml



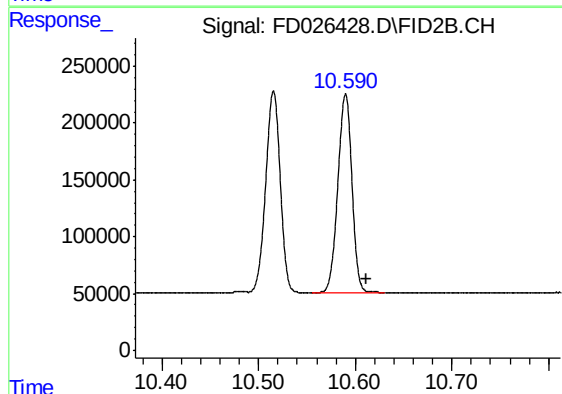
#8 Fluorene (C16.55)

R.T.: 9.126 min
Delta R.T.: -0.022 min
Response: 1757405
Conc: 20.84 ug/ml



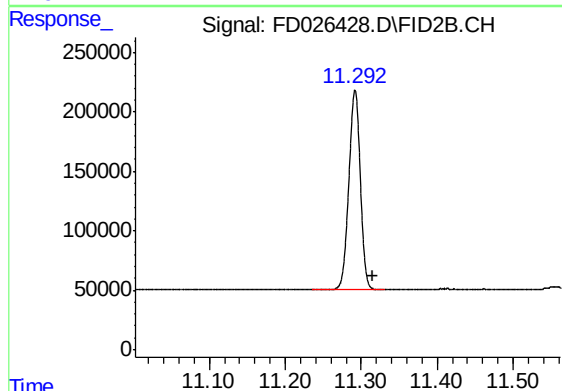
#9 Phenanthrene (C19.36)

R.T.: 10.516 min
Delta R.T.: -0.023 min
Response: 1827253
Conc: 21.67 ug/ml



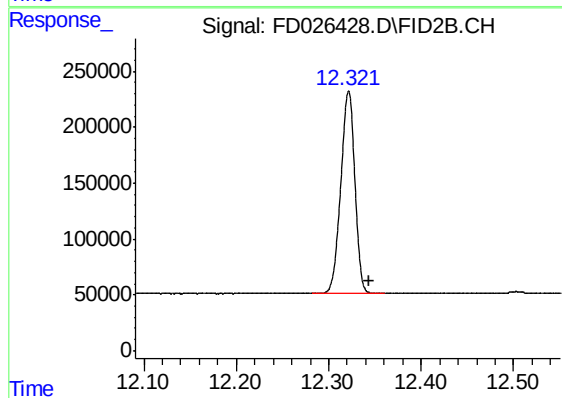
#10 Anthracene (C19.43)

R.T.: 10.590 min
Delta R.T.: -0.022 min
Response: 1775896
Conc: 21.59 ug/ml



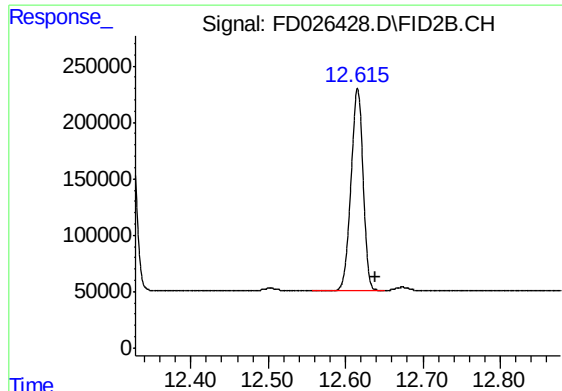
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.023 min
Response: 1750950
Conc: 22.16 ug/ml



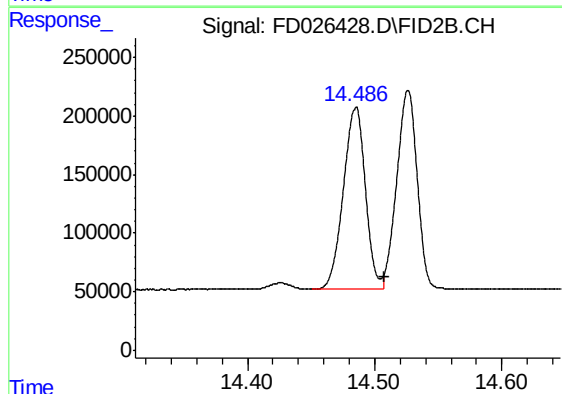
#12 Fluoranthene (C21.85)

R.T.: 12.322 min
Delta R.T.: -0.023 min
Response: 1921954
Conc: 22.58 ug/ml



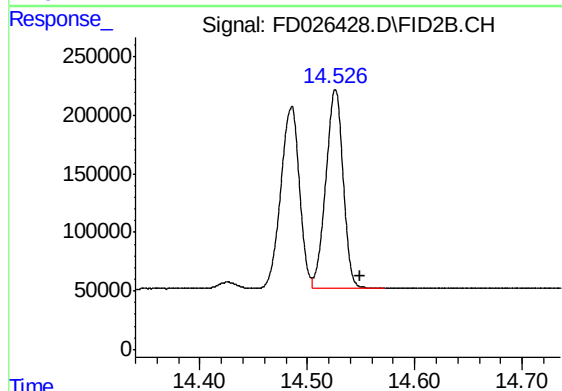
#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: -0.023 min
Response: 1936034
Conc: 22.59 ug/ml



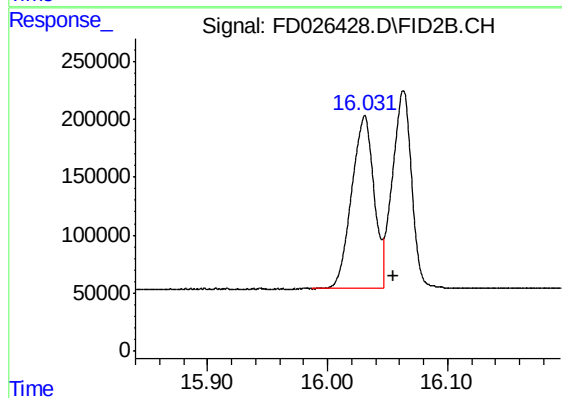
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.486 min
Delta R.T.: -0.022 min
Response: 1898546
Conc: 22.82 ug/ml m



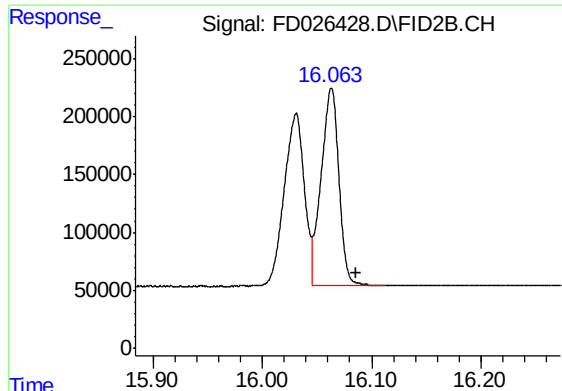
#15 Chrysene (C27.41)

R.T.: 14.526 min
Delta R.T.: -0.023 min
Response: 1902388
Conc: 22.64 ug/ml



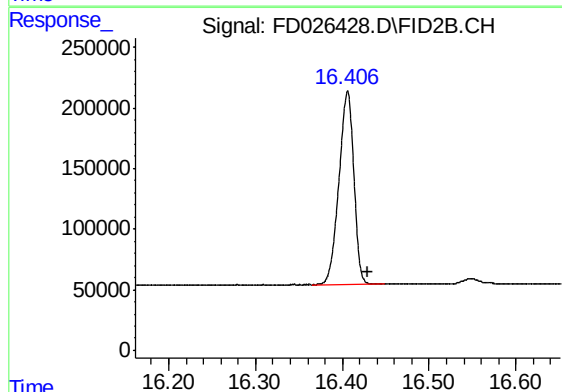
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.031 min
Delta R.T.: -0.023 min
Response: 1936436
Conc: 21.64 ug/ml m



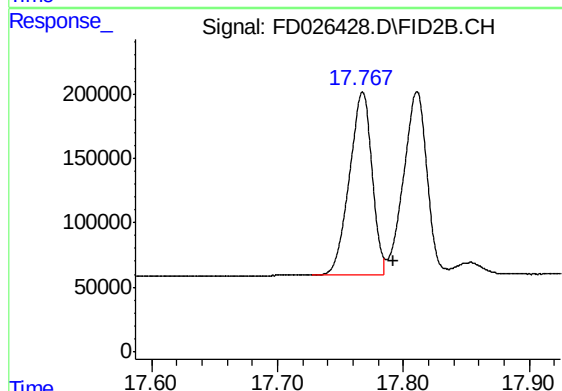
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.063 min
Delta R.T.: -0.023 min
Response: 1937644
Conc: 21.74 ug/ml



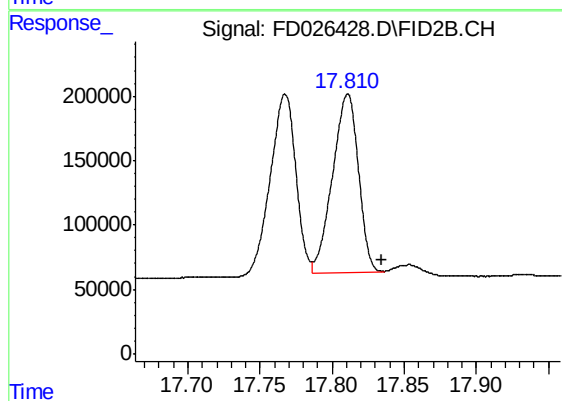
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.406 min
Delta R.T.: -0.023 min
Response: 1894648
Conc: 21.01 ug/ml



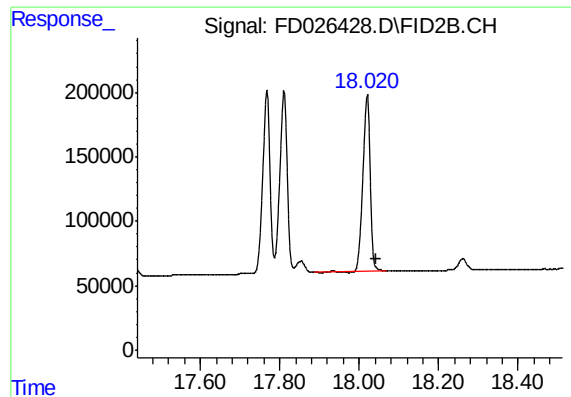
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.767 min
Delta R.T.: -0.025 min
Response: 1763128
Conc: 18.81 ug/ml m



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

R.T.: 17.811 min
Delta R.T.: -0.024 min
Response: 1730637
Conc: 19.10 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.023 min
Response: 1739775
Conc: 18.08 ug/ml