

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041219AR\
 Data File : FD028847.D
 Signal(s) : FID2B.CH
 Acq On : 12 Apr 2019 17:35
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 01:52:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.096	1701049	17.930 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
6) S 2-Fluorobiphenyl (SURR)	7.961	1150600	17.649 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.30%
11) S ortho-Terphenyl (SURR)	10.999	1960014	17.616 ug/ml
Spiked Amount 50.000		Recovery =	35.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.919	1882201	19.241 ug/ml
2) T Naphthalene (C11.7)	5.441	1975940	18.547 ug/ml
3) T 2-Methylnaphthalene (...)	6.488	1938115	18.116 ug/ml
5) T Acenaphthylene (C15.06)	7.765	1833792	17.709 ug/ml
7) T Acenaphthene (C15.5)	8.060	1922131	17.720 ug/ml
8) T Fluorene (C16.55)	8.840	1909180	17.561 ug/ml
9) T Phenanthrene (C19.36)	10.237	1940534	17.920 ug/ml
10) T Anthracene (C19.43)	10.312	1901768	17.703 ug/ml
12) T Fluoranthene (C21.85)	12.048	2023742	18.718 ug/ml
13) T Pyrene (C20.8)	12.346	2033437	18.883 ug/ml
14) T Benzo[a]anthracene (C...	14.212	2064914	19.694 ug/mlm
15) T Chrysene (C27.41)	14.256	2062762	19.700 ug/ml
16) T benzo[b]fluoranthene ...	15.760	2147122	19.809 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.793	2110717	19.669 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.138	2113385	19.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.500	2135089	19.320 ug/mlm
20) T Dibenz[a,h]anthracene...	17.539	2110268	19.631 ug/ml
21) T Benzo[g,h,i]perylene ...	17.756	2114896	19.515 ug/ml

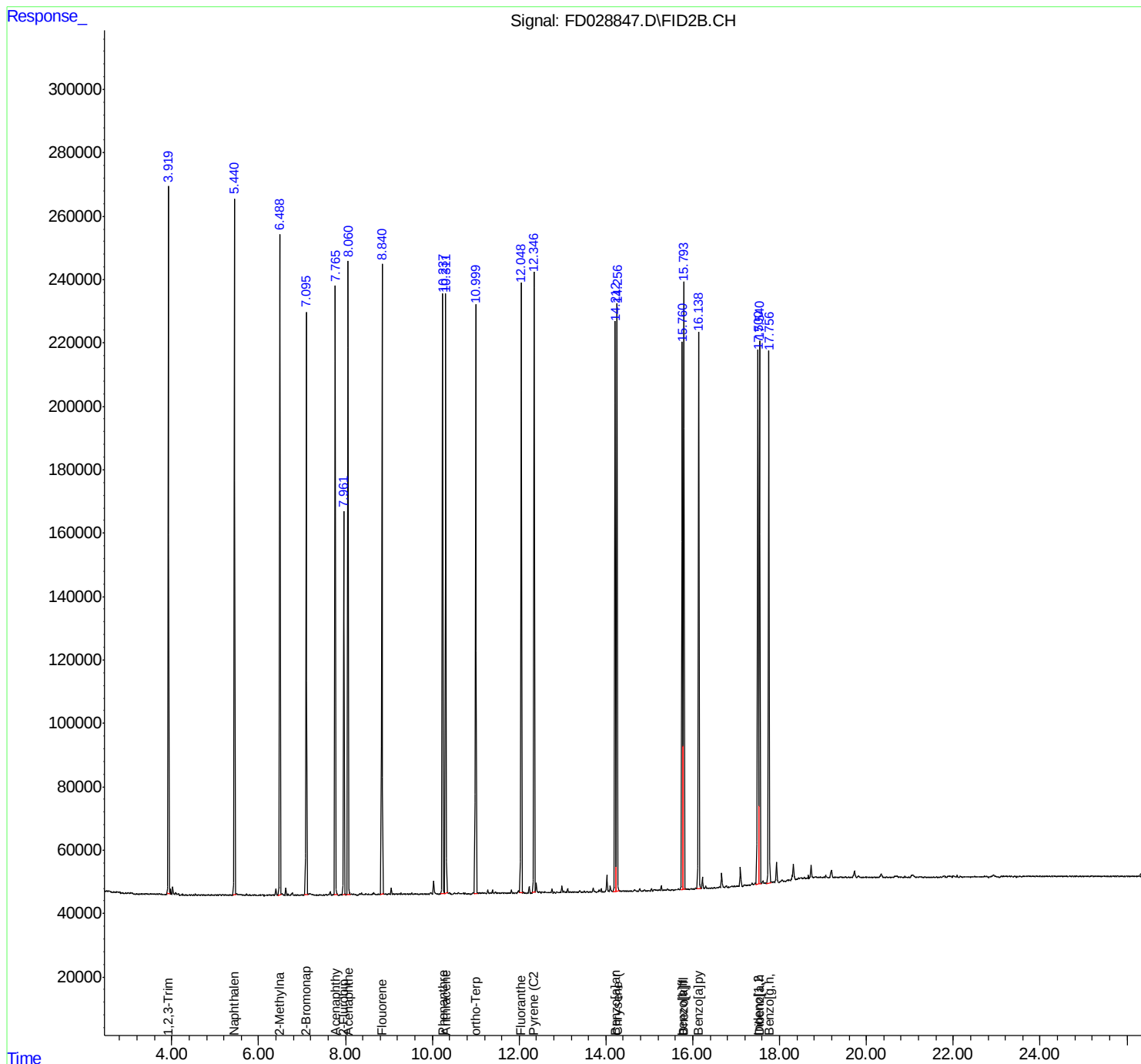
(f)=RT Delta > 1/2 Window

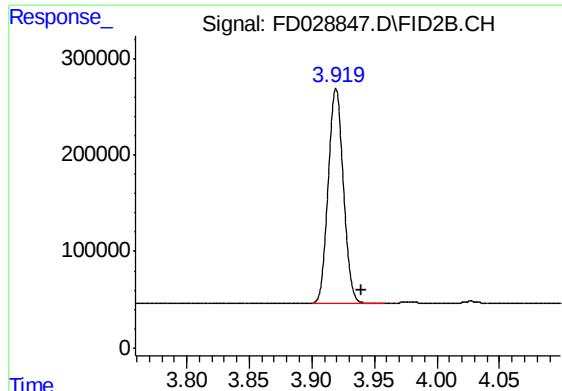
(m)=manual int.

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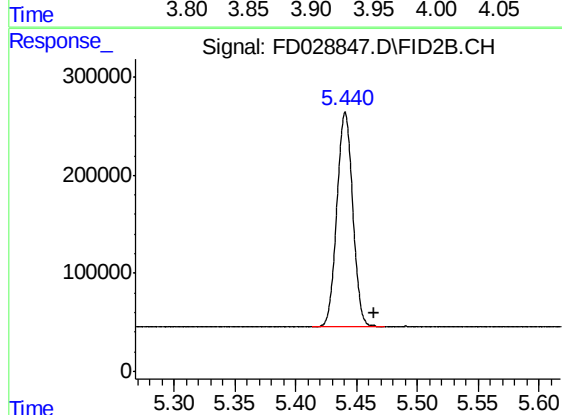
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Signal Info : 20M x 0.18mm x 0.18µm





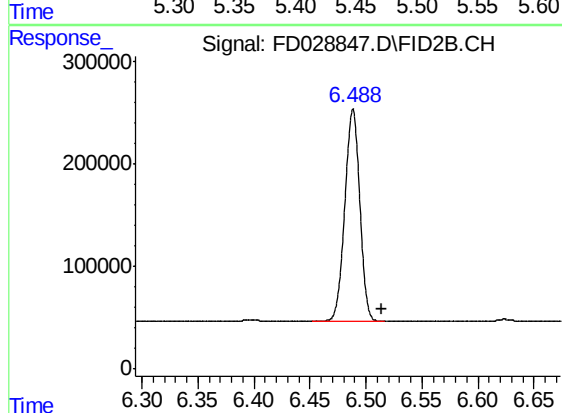
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.919 min
Delta R.T.: -0.021 min
Response: 1882201
Conc: 19.24 ug/ml



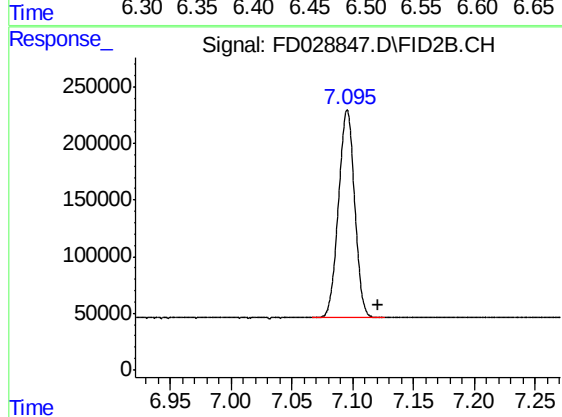
#2 Naphthalene (C11.7)

R.T.: 5.441 min
Delta R.T.: -0.024 min
Response: 1975940
Conc: 18.55 ug/ml



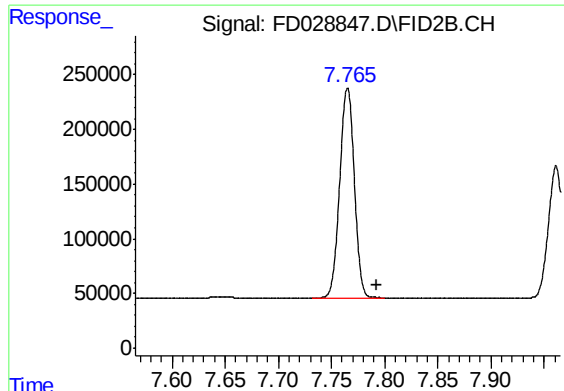
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.488 min
Delta R.T.: -0.025 min
Response: 1938115
Conc: 18.12 ug/ml



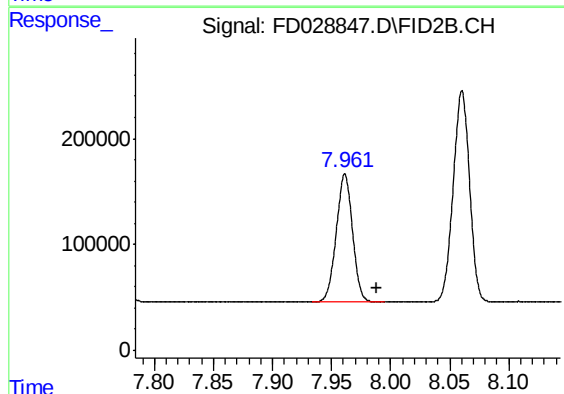
#4 2-Bromonaphthalene (SURR)

R.T.: 7.096 min
Delta R.T.: -0.025 min
Response: 1701049
Conc: 17.93 ug/ml



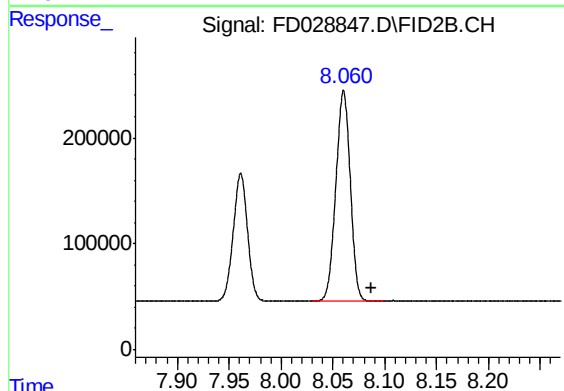
#5 Acenaphthylene (C15.06)

R.T.: 7.765 min
Delta R.T.: -0.027 min
Response: 1833792
Conc: 17.71 ug/ml



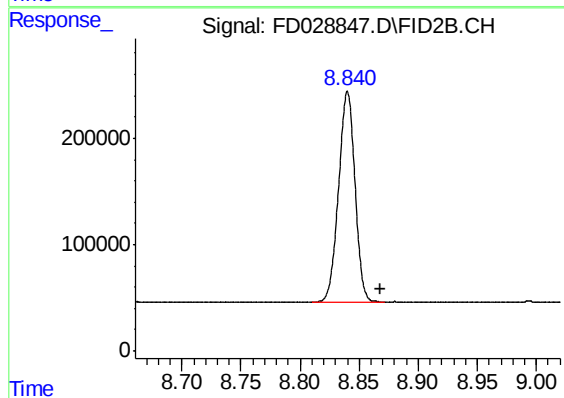
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.961 min
Delta R.T.: -0.027 min
Response: 1150600
Conc: 17.65 ug/ml



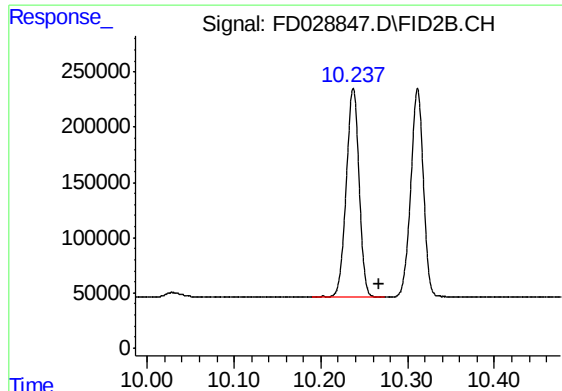
#7 Acenaphthene (C15.5)

R.T.: 8.060 min
Delta R.T.: -0.027 min
Response: 1922131
Conc: 17.72 ug/ml



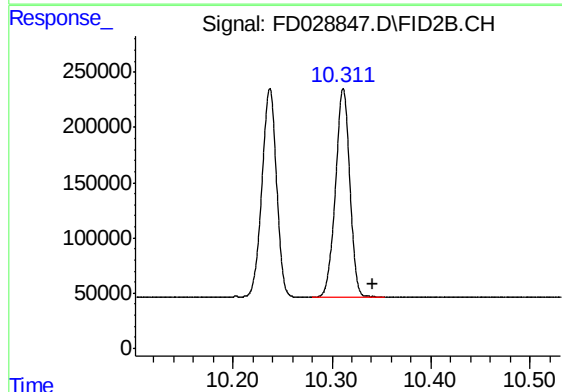
#8 Flouorene (C16.55)

R.T.: 8.840 min
Delta R.T.: -0.028 min
Response: 1909180
Conc: 17.56 ug/ml



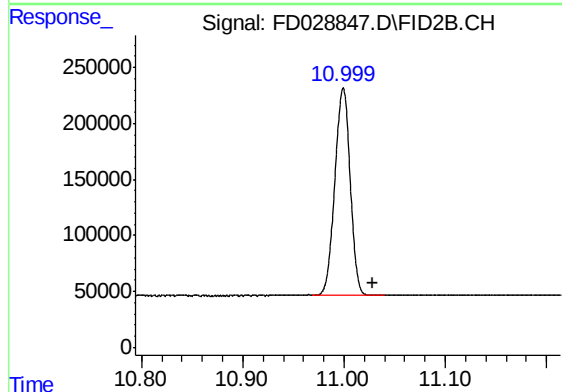
#9 Phenanthrene (C19.36)

R.T.: 10.237 min
Delta R.T.: -0.030 min
Response: 1940534
Conc: 17.92 ug/ml



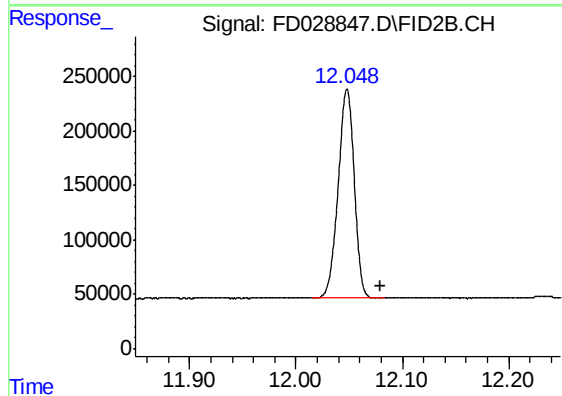
#10 Anthracene (C19.43)

R.T.: 10.312 min
Delta R.T.: -0.030 min
Response: 1901768
Conc: 17.70 ug/ml



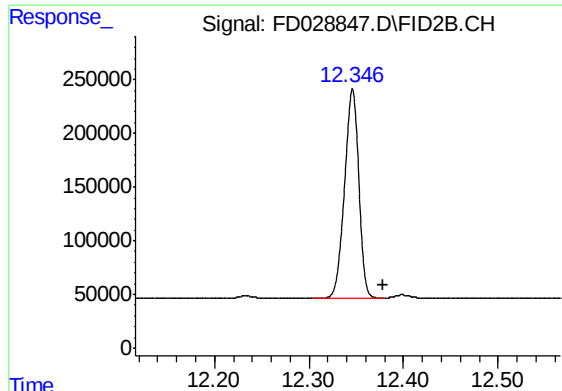
#11 ortho-Terphenyl (SURR)

R.T.: 10.999 min
Delta R.T.: -0.029 min
Response: 1960014
Conc: 17.62 ug/ml



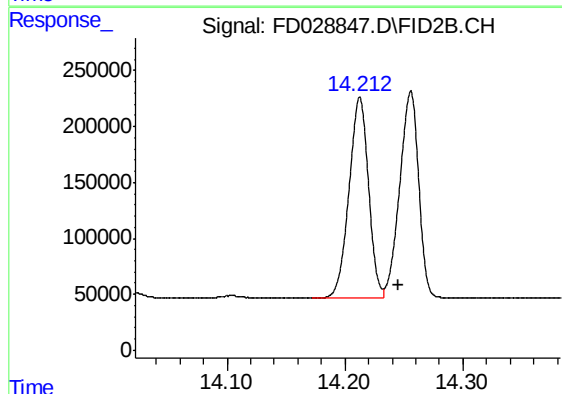
#12 Fluoranthene (C21.85)

R.T.: 12.048 min
Delta R.T.: -0.031 min
Response: 2023742
Conc: 18.72 ug/ml



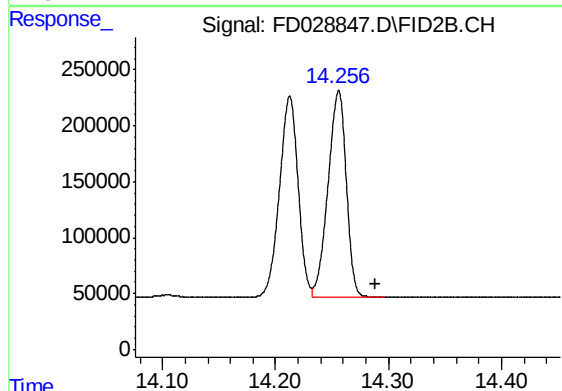
#13 Pyrene (C20.8)

R.T.: 12.346 min
Delta R.T.: -0.032 min
Response: 2033437
Conc: 18.88 ug/ml



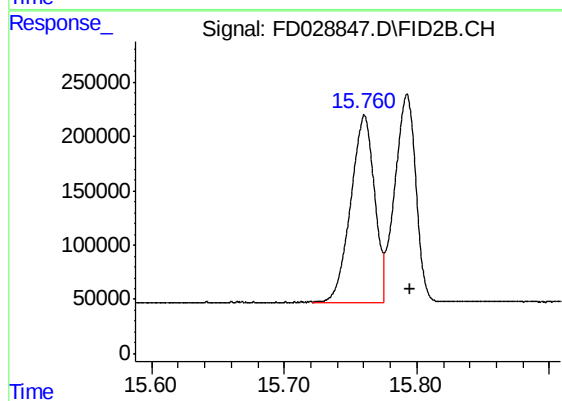
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.212 min
Delta R.T.: -0.033 min
Response: 2064914
Conc: 19.69 ug/ml m



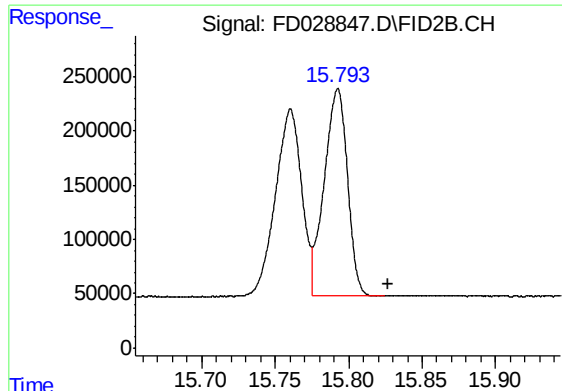
#15 Chrysene (C27.41)

R.T.: 14.256 min
Delta R.T.: -0.032 min
Response: 2062762
Conc: 19.70 ug/ml



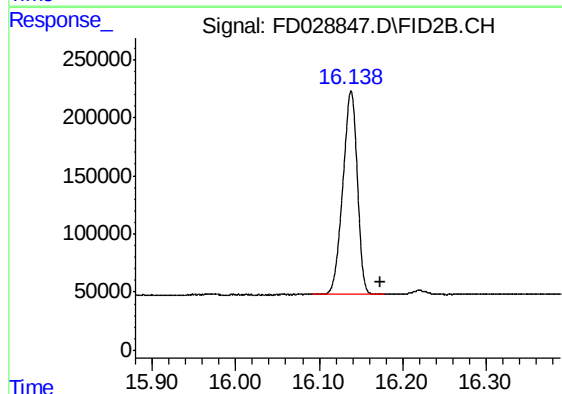
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.760 min
Delta R.T.: -0.035 min
Response: 2147122
Conc: 19.81 ug/ml m



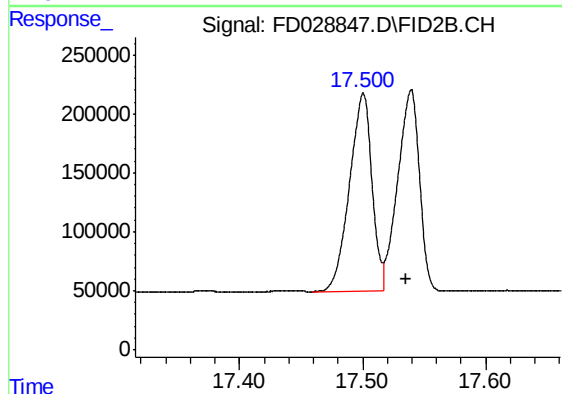
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.793 min
Delta R.T.: -0.034 min
Response: 2110717
Conc: 19.67 ug/ml



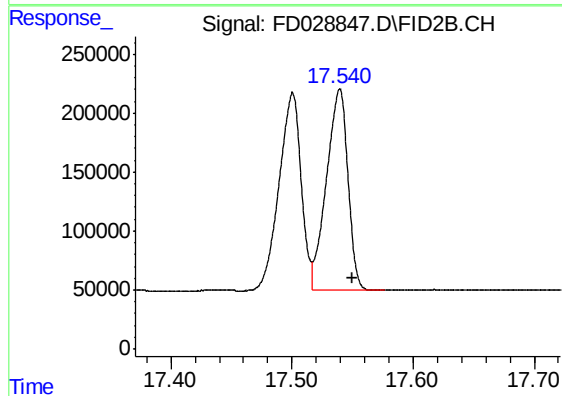
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.138 min
Delta R.T.: -0.035 min
Response: 2113385
Conc: 19.53 ug/ml



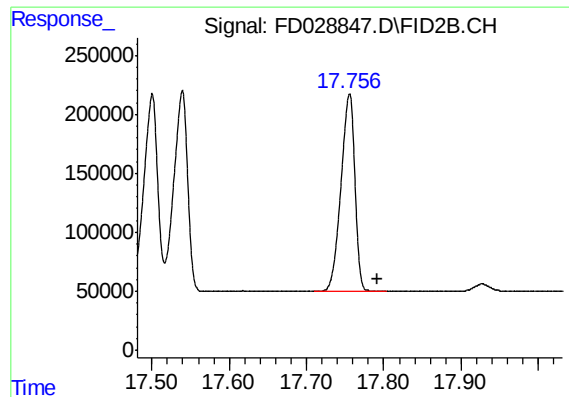
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.500 min
Delta R.T.: -0.035 min
Response: 2135089
Conc: 19.32 ug/ml m



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

R.T.: 17.539 min
Delta R.T.: -0.011 min
Response: 2110268
Conc: 19.63 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.036 min
Response: 2114896
Conc: 19.51 ug/ml