

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027470.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jan 2019 1:32
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 08:28:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.350	1833459	19.409 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
6) S 2-Fluorobiphenyl (SURR)	8.199	1285865	20.164 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.33%
11) S ortho-Terphenyl (SURR)	11.238	2277598	21.368 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	1984763	19.576 ug/ml
2) T Naphthalene (C11.7)	5.687	2092367	19.329 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	2086272	19.527 ug/ml
5) T Acenaphthylene (C15.06)	8.003	2074204	20.167 ug/ml
7) T Acenaphthene (C15.5)	8.298	2175301	20.192 ug/ml
8) T Fluorene (C16.55)	9.076	2180406	20.479 ug/ml
9) T Phenanthrene (C19.36)	10.462	2271275	21.529 ug/ml
10) T Anthracene (C19.43)	10.536	2226140	21.330 ug/ml
12) T Fluoranthene (C21.85)	12.266	2349194	22.557 ug/ml
13) T Pyrene (C20.8)	12.559	2354107	22.798 ug/ml
14) T Benzo[a]anthracene (C...	14.426	2322625	23.682 ug/ml
15) T Chrysene (C27.41)	14.469	2345495	23.856 ug/ml
16) T benzo[b]fluoranthene ...	15.969	2361319	23.360 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.002	2422272	23.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	2340608	23.146 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.705	2096079	20.085 ug/mlm
20) T Dibenz[a,h]anthracene...	17.748	2093577	20.437 ug/ml
21) T Benzo[g,h,i]perylene ...	17.957	2113859	20.050 ug/ml

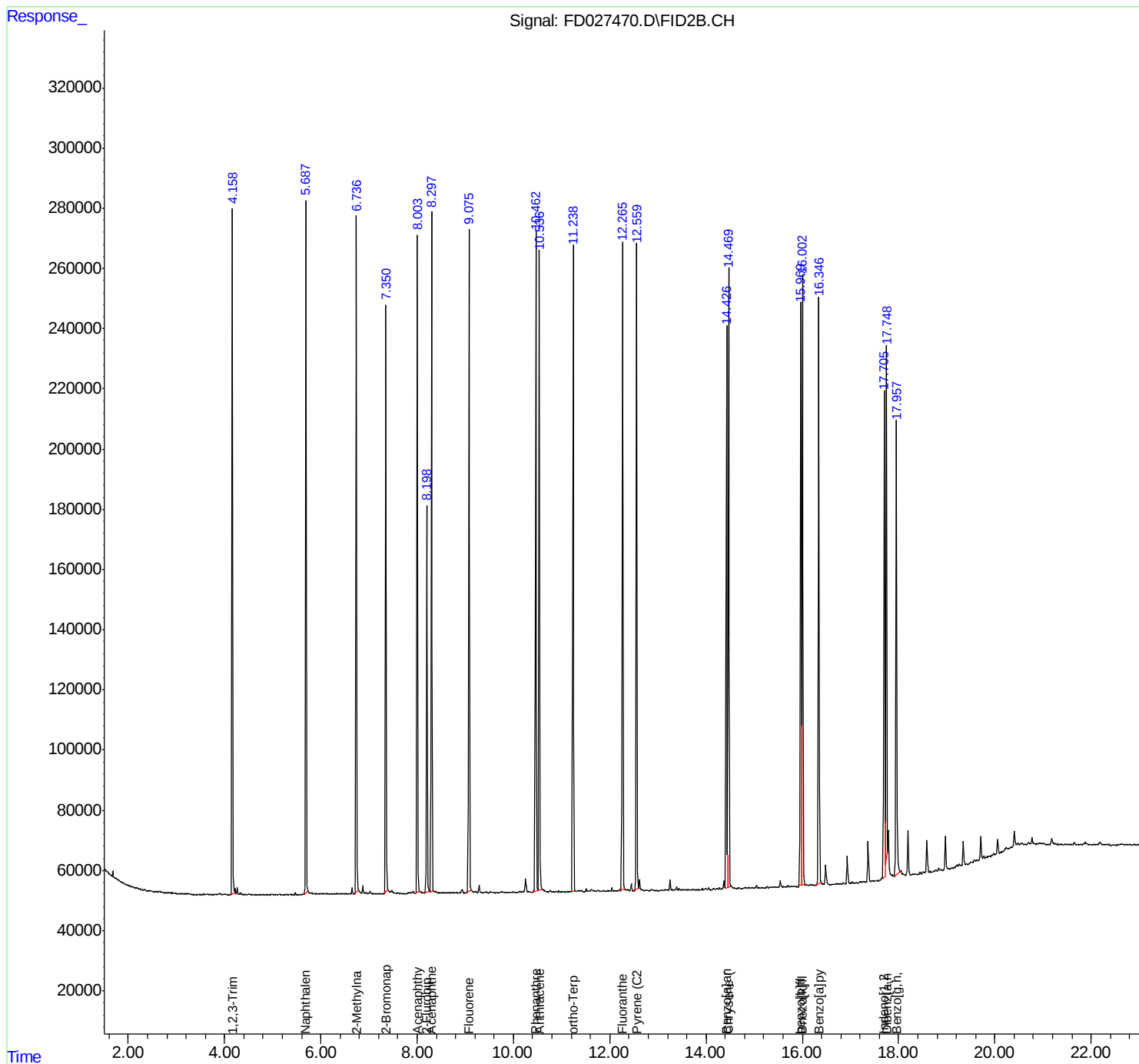
(f)=RT Delta > 1/2 Window

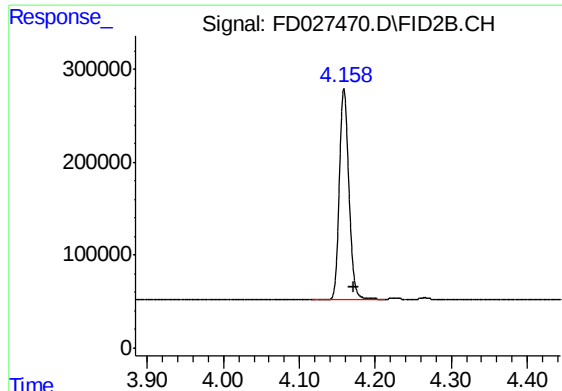
(m)=manual int.

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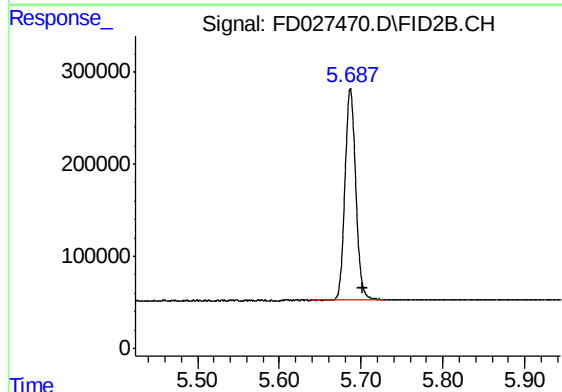
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





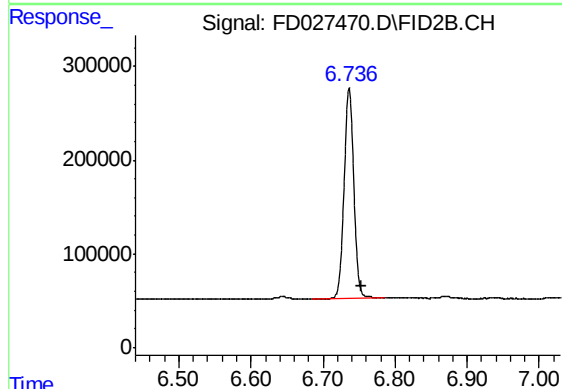
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.012 min
Response: 1984763
Conc: 19.58 ug/ml



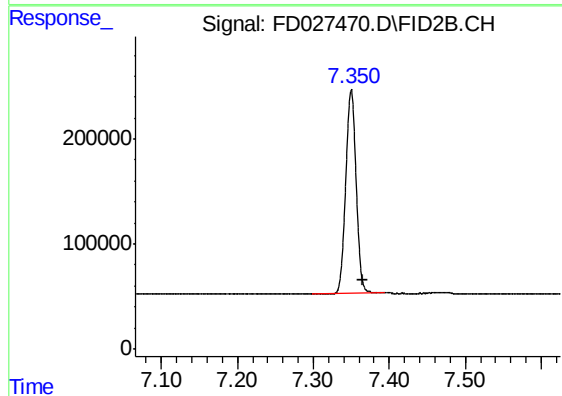
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.015 min
Response: 2092367
Conc: 19.33 ug/ml



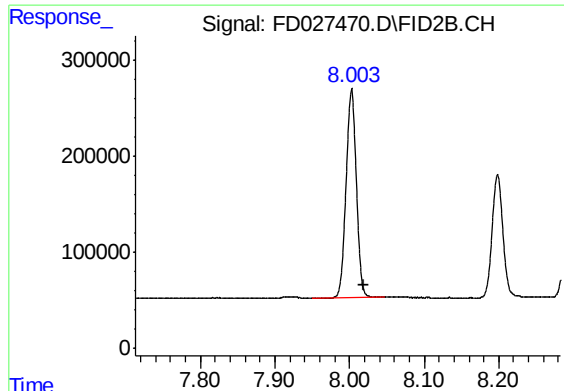
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.016 min
Response: 2086272
Conc: 19.53 ug/ml



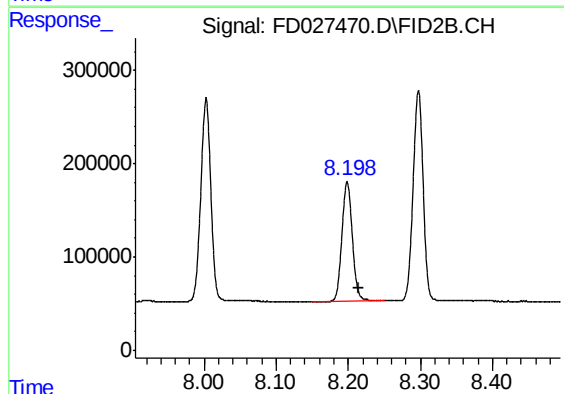
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.015 min
Response: 1833459
Conc: 19.41 ug/ml



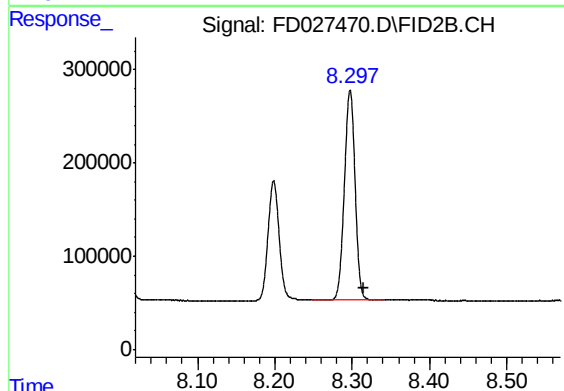
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.016 min
Response: 2074204
Conc: 20.17 ug/ml



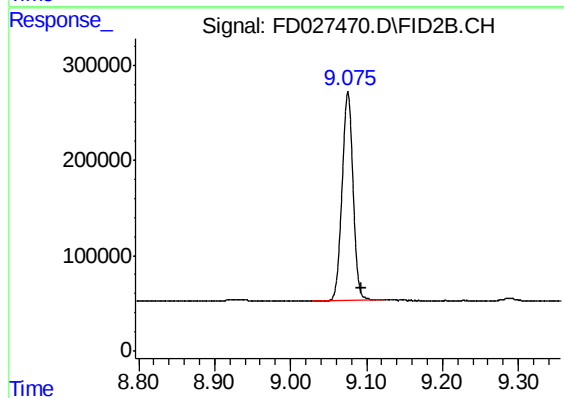
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.017 min
Response: 1285865
Conc: 20.16 ug/ml



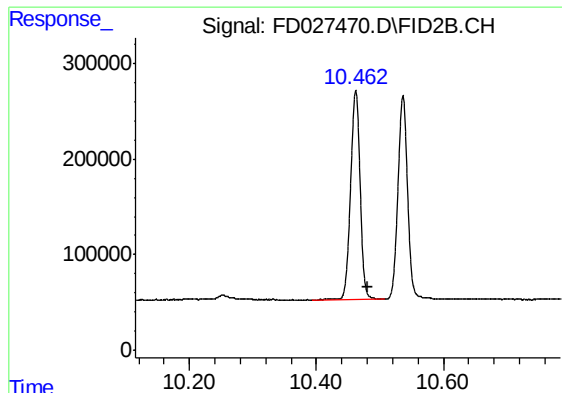
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.017 min
Response: 2175301
Conc: 20.19 ug/ml



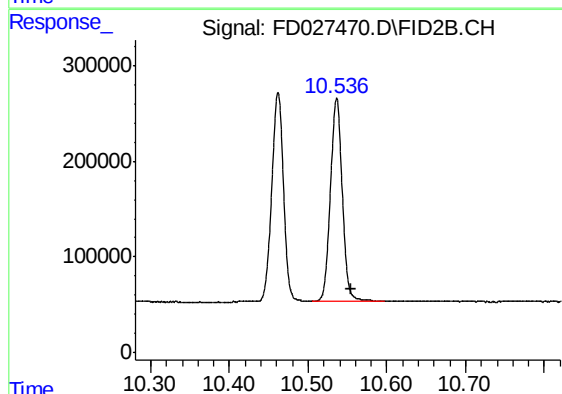
#8 Flouorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 2180406
Conc: 20.48 ug/ml



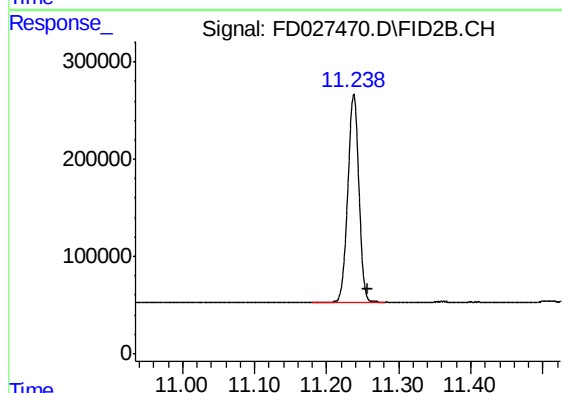
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.019 min
Response: 2271275
Conc: 21.53 ug/ml



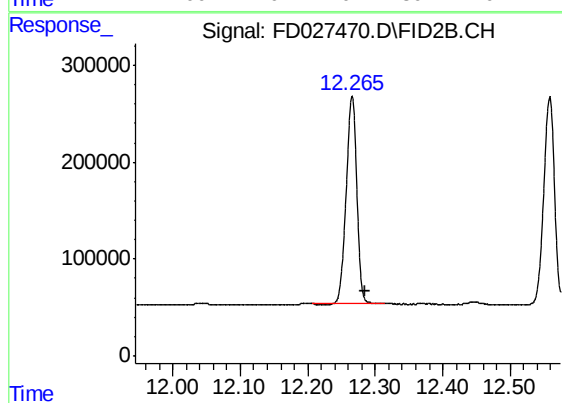
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.018 min
Response: 2226140
Conc: 21.33 ug/ml



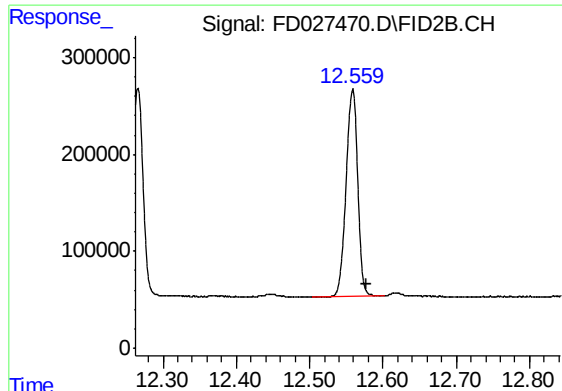
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.019 min
Response: 2277598
Conc: 21.37 ug/ml



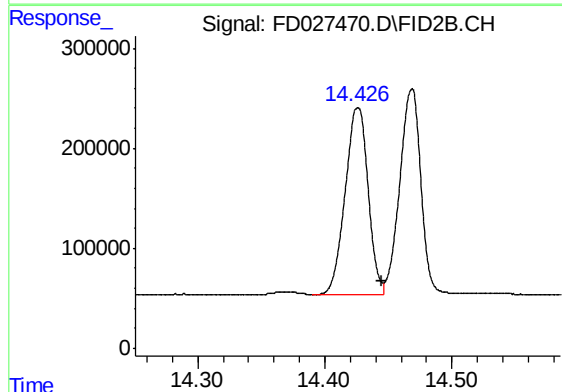
#12 Fluoranthene (C21.85)

R.T.: 12.266 min
Delta R.T.: -0.018 min
Response: 2349194
Conc: 22.56 ug/ml



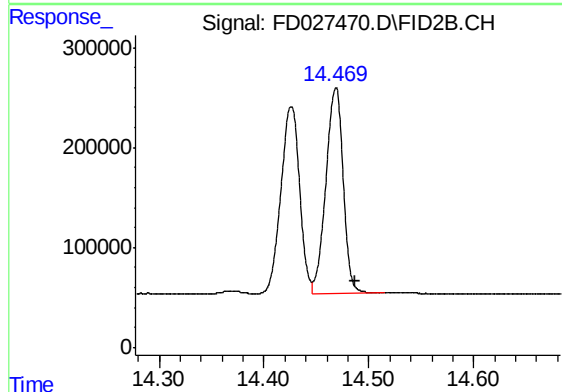
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.019 min
Response: 2354107
Conc: 22.80 ug/ml



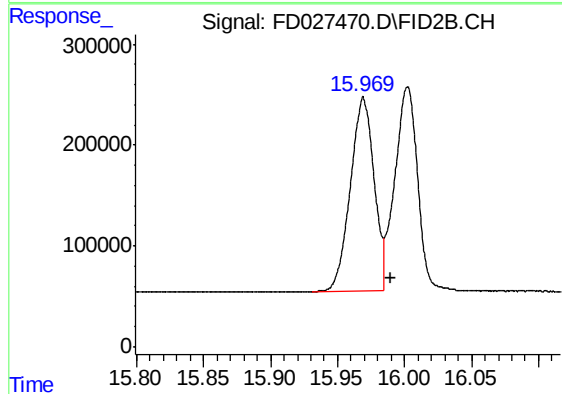
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.019 min
Response: 2322625
Conc: 23.68 ug/ml



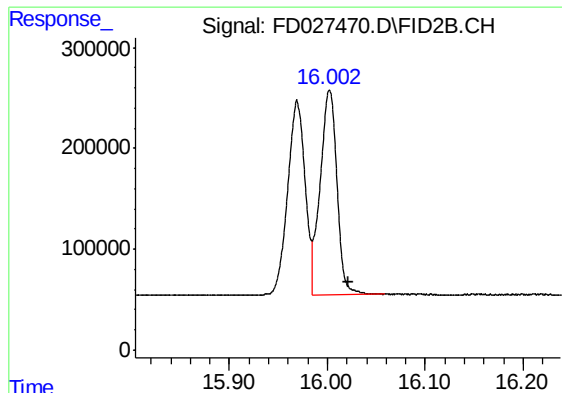
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.018 min
Response: 2345495
Conc: 23.86 ug/ml



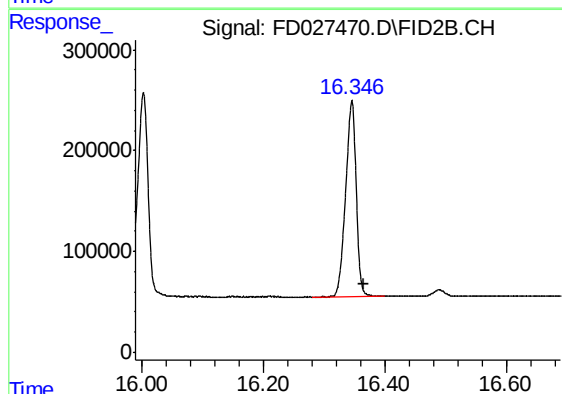
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.969 min
Delta R.T.: -0.021 min
Response: 2361319
Conc: 23.36 ug/ml m



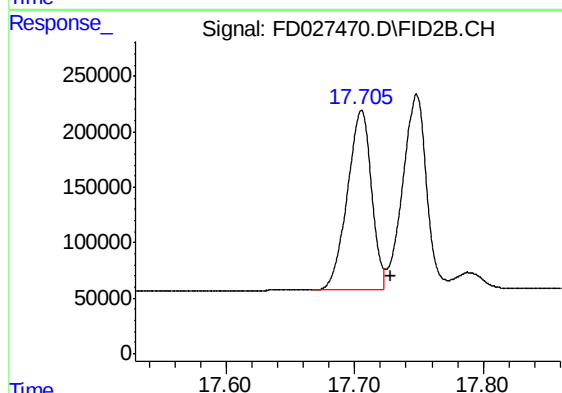
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.002 min
Delta R.T.: -0.020 min
Response: 2422272
Conc: 23.97 ug/ml



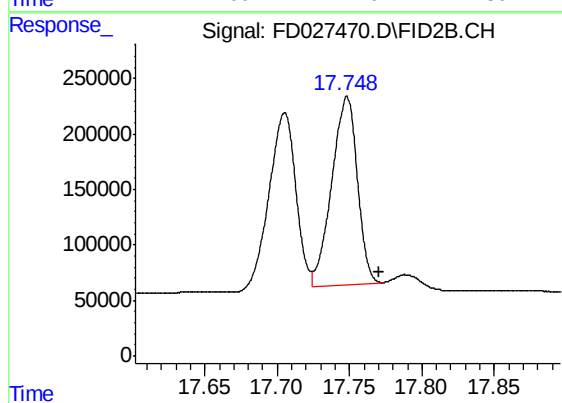
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.020 min
Response: 2340608
Conc: 23.15 ug/ml



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

R.T.: 17.705 min
Delta R.T.: -0.023 min
Response: 2096079
Conc: 20.08 ug/ml m



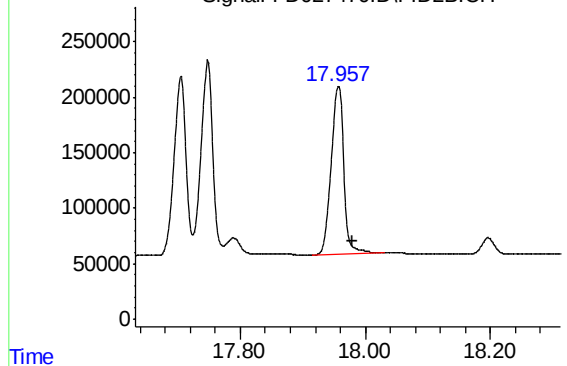
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.748 min
Delta R.T.: -0.022 min
Response: 2093577
Conc: 20.44 ug/ml

Response_

Signal: FD027470.D\FID2B.CH

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



R.T.: 17.957 min
Delta R.T.: -0.023 min
Response: 2113859
Conc: 20.05 ug/ml