

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027415.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2019 13:42
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 04:24:27 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...	7.355	1752514	18.552 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
6) S 2-Fluorobiphenyl (SURR)	8.205	1215407	19.059 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.12%
11) S ortho-Terphenyl (SURR)	11.245	2156084	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	1870244	18.447 ug/ml
2) T Naphthalene (C11.7)	5.691	1981355	18.303 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1981720	18.549 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1967909	19.133 ug/ml
7) T Acenaphthene (C15.5)	8.303	2062888	19.148 ug/ml
8) T Fluorene (C16.55)	9.082	2068934	19.432 ug/ml
9) T Phenanthrene (C19.36)	10.469	2146159	20.343 ug/ml
10) T Anthracene (C19.43)	10.544	2111453	20.231 ug/ml
12) T Fluoranthene (C21.85)	12.273	2228251	21.396 ug/ml
13) T Pyrene (C20.8)	12.567	2227065	21.568 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2198917	22.420 ug/ml
15) T Chrysene (C27.41)	14.478	2220510	22.585 ug/ml
16) T benzo[b]fluoranthene ...	15.981	2248344	22.242 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	2282238	22.580 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2221402	21.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	1988345	19.052 ug/ml
20) T Dibenz[a,h]anthracene...	17.758	2177938	21.261 ug/ml
21) T Benzo[g,h,i]perylene ...	17.969	2014294	19.106 ug/ml

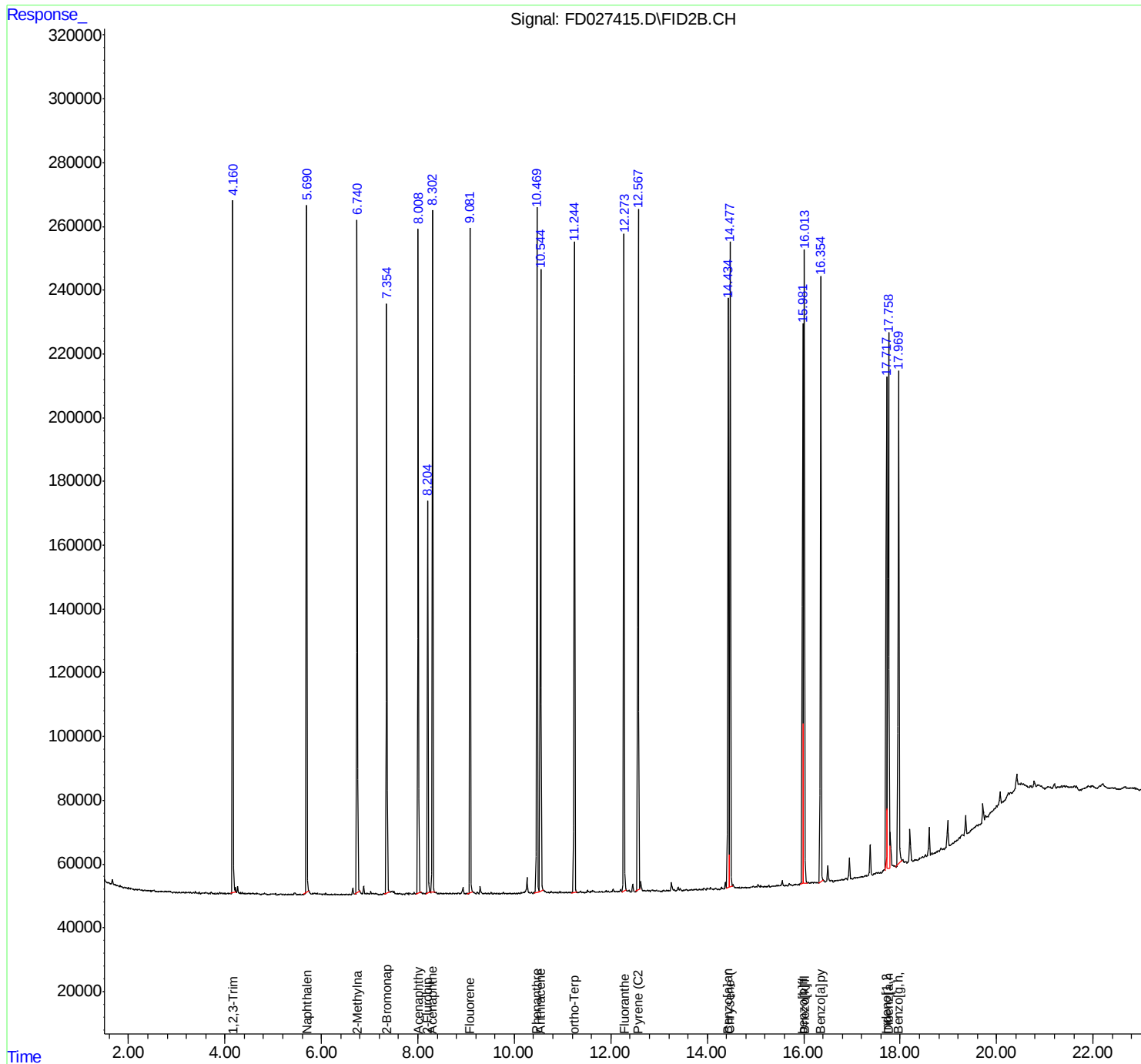
(f)=RT Delta > 1/2 Window

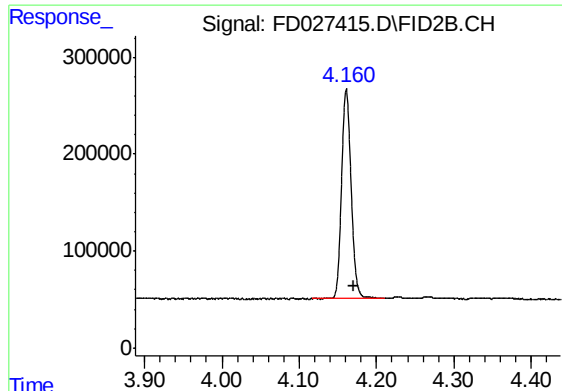
(m)=manual int.

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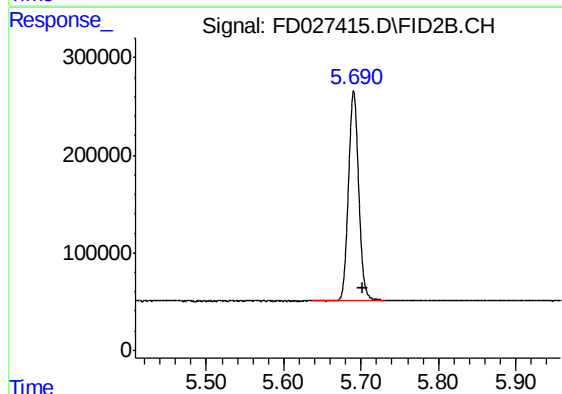
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





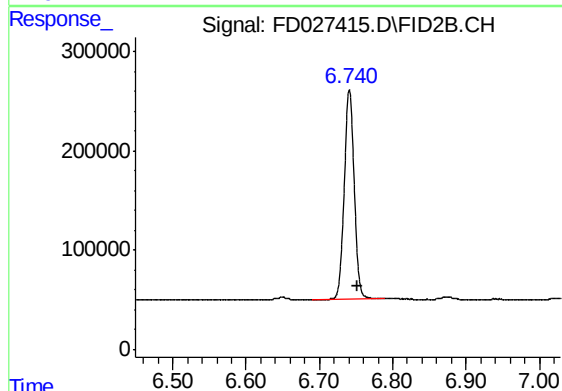
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.161 min
Delta R.T.: -0.010 min
Response: 1870244
Conc: 18.45 ug/ml



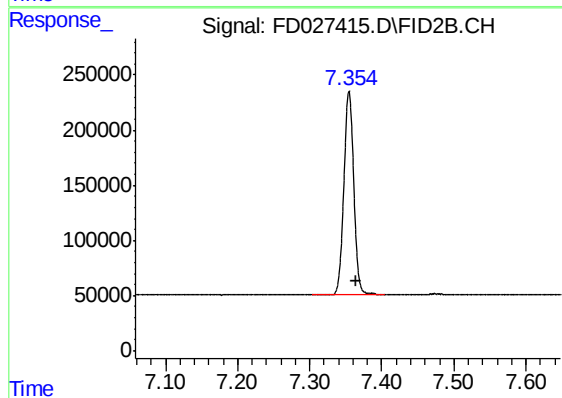
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.011 min
Response: 1981355
Conc: 18.30 ug/ml



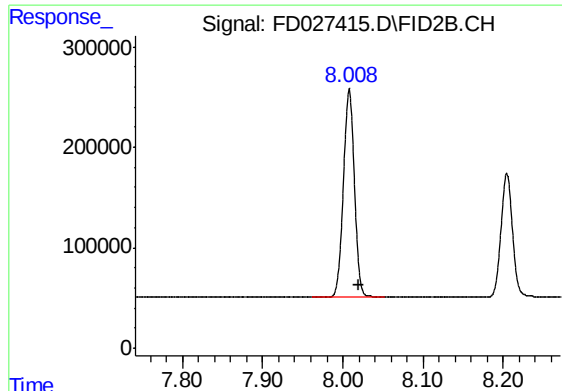
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.011 min
Response: 1981720
Conc: 18.55 ug/ml



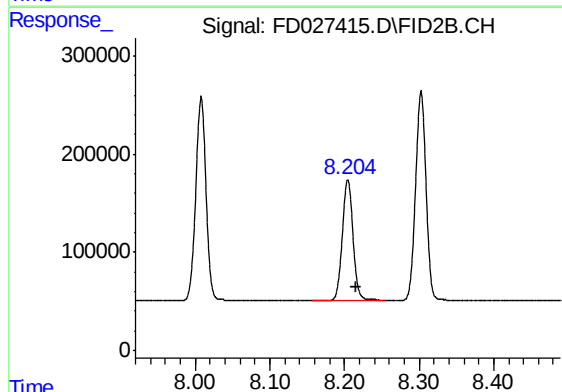
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 1752514
Conc: 18.55 ug/ml



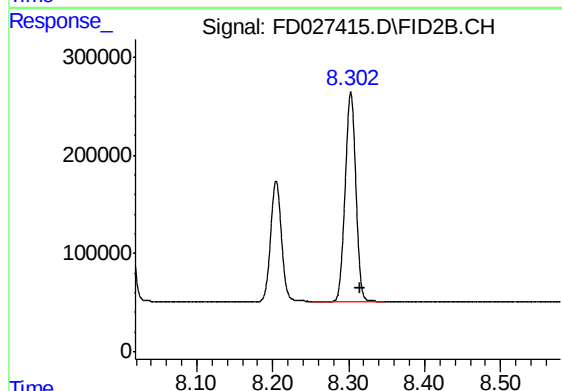
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.011 min
Response: 1967909
Conc: 19.13 ug/ml



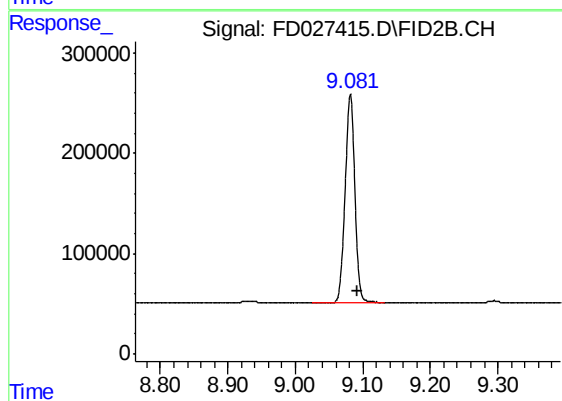
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: -0.011 min
Response: 1215407
Conc: 19.06 ug/ml



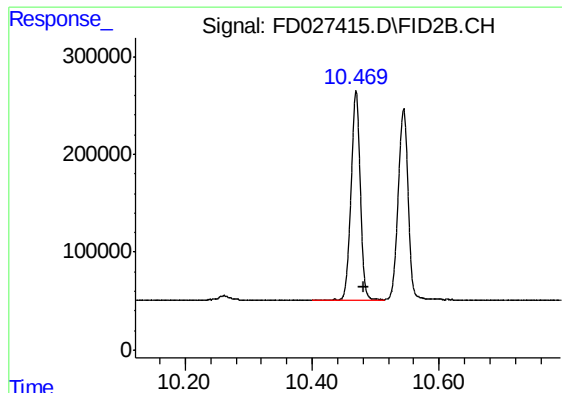
#7 Acenaphthene (C15.5)

R.T.: 8.303 min
Delta R.T.: -0.012 min
Response: 2062888
Conc: 19.15 ug/ml



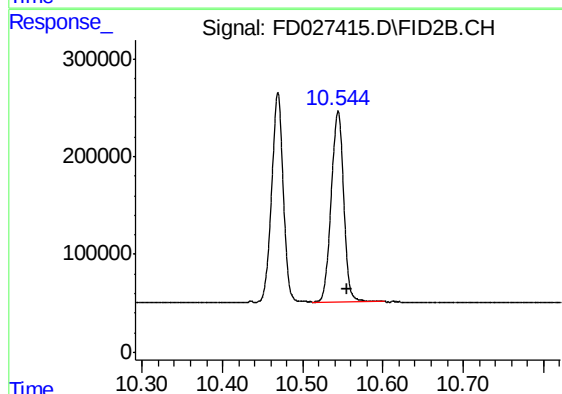
#8 Flouorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 2068934
Conc: 19.43 ug/ml



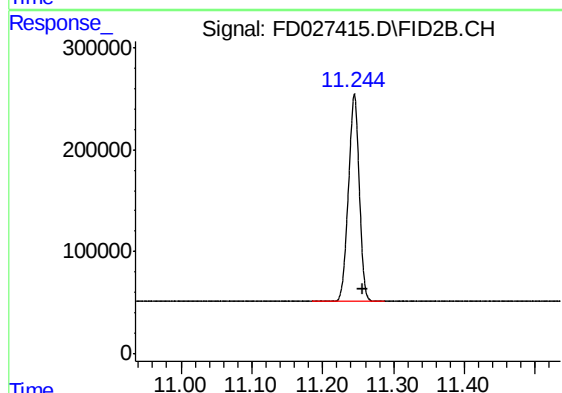
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.012 min
Response: 2146159
Conc: 20.34 ug/ml



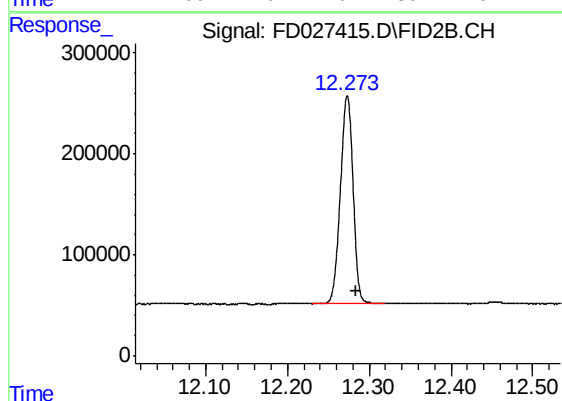
#10 Anthracene (C19.43)

R.T.: 10.544 min
Delta R.T.: -0.011 min
Response: 2111453
Conc: 20.23 ug/ml



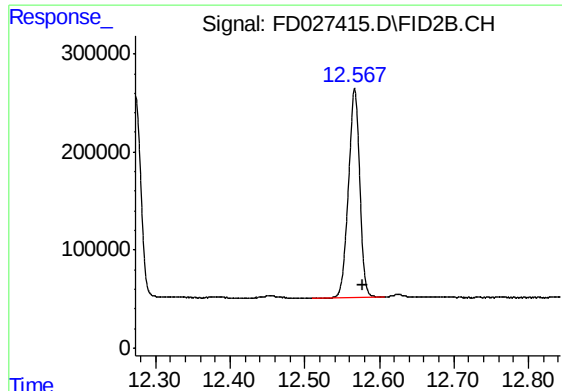
#11 ortho-Terphenyl (SURRE)

R.T.: 11.245 min
Delta R.T.: -0.012 min
Response: 2156084
Conc: 20.23 ug/ml



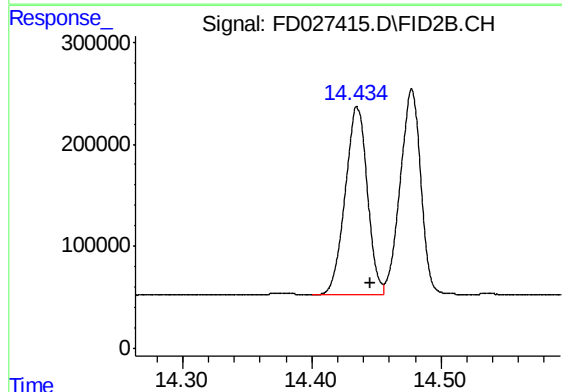
#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: -0.011 min
Response: 2228251
Conc: 21.40 ug/ml



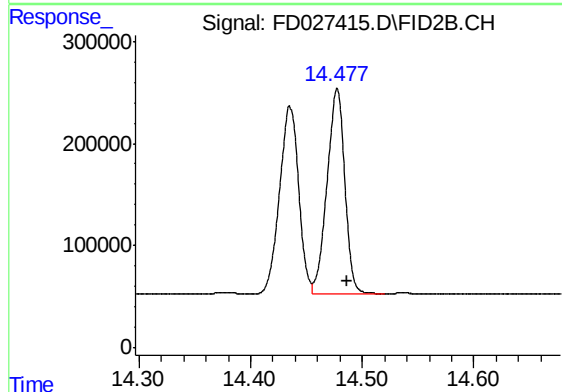
#13 Pyrene (C20.8)

R.T.: 12.567 min
Delta R.T.: -0.011 min
Response: 2227065
Conc: 21.57 ug/ml



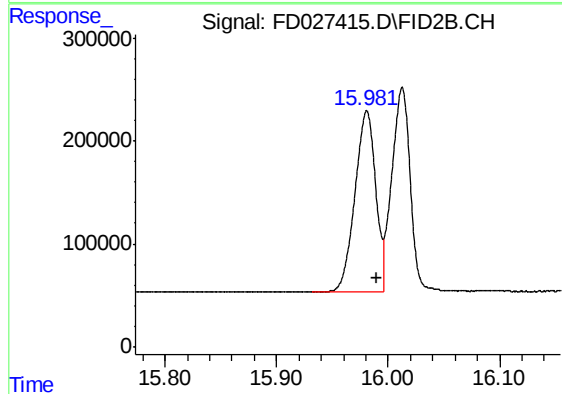
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: -0.010 min
Response: 2198917
Conc: 22.42 ug/ml



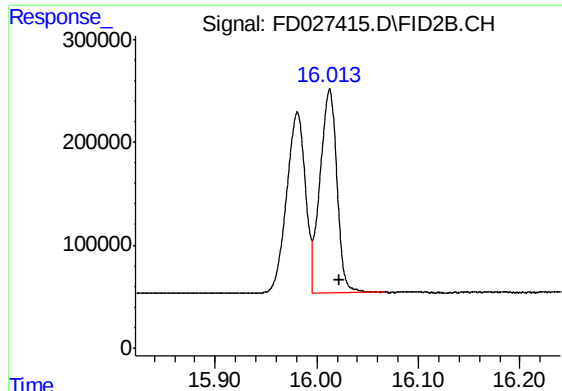
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: -0.009 min
Response: 2220510
Conc: 22.58 ug/ml



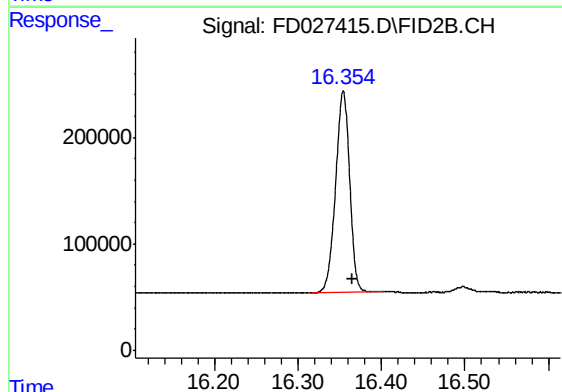
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.981 min
Delta R.T.: -0.009 min
Response: 2248344
Conc: 22.24 ug/ml



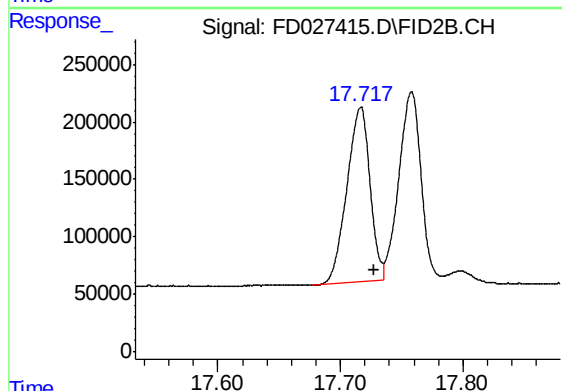
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: -0.009 min
Response: 2282238
Conc: 22.58 ug/ml



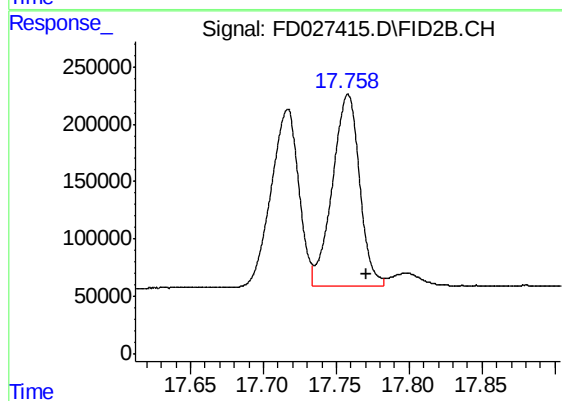
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.012 min
Response: 2221402
Conc: 21.97 ug/ml



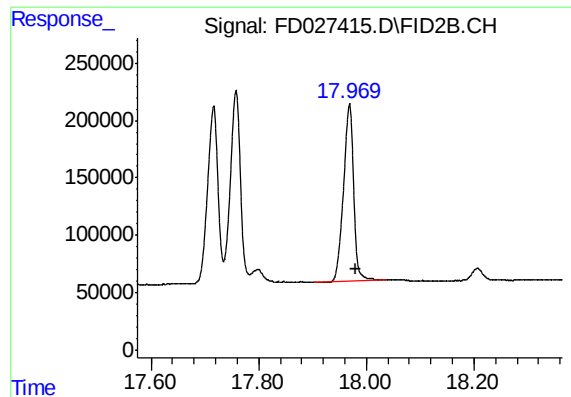
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.011 min
Response: 1988345
Conc: 19.05 ug/ml



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

R.T.: 17.758 min
Delta R.T.: -0.013 min
Response: 2177938
Conc: 21.26 ug/ml m



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

R.T.: 17.969 min
Delta R.T.: -0.011 min
Response: 2014294
Conc: 19.11 ug/ml