Quantitation Report (QT Reviewed)

Data Path : P:\HPCHEM1\FID_D\Data\FD022718AR\
Data File : FD020177.D
Signal(s) : FID2B.CH
Acq On : 28 Feb 2018 5:28
Operator : UA/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Feb 28 08:44:04 2018
Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
Quant Title : GC Extractables
QLast Update : Wed Feb 21 04:46:02 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...	7.344	2135400	25.489 ug/ml
Spiked Amount	50.000		Recovery =	50.98%
6) S	2-Flurobiphenyl (SURR)	8.205	1367624	27.051 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	54.10%
11) S	ortho-Terphenyl (SURR)	11.228	2453176	25.850 ug/ml
Spiked Amount	50.000		Recovery =	51.70%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.152	2271480	25.722 ug/ml
2) T	Naphthalene (C11.7)	5.683	2348746	26.257 ug/ml
3) T	2-Methylnaphthalene (...	6.734	2341080	25.777 ug/ml
5) T	Acenaphthylene (C15.06)	8.001	2413318	25.199 ug/ml
7) T	Acenaphthene (C15.5)	8.294	2532823	24.725 ug/ml
8) T	Flouorene (C16.55)	9.076	2411381	25.717 ug/ml
9) T	Phenanthrene (C19.36)	10.468	2466677	26.475 ug/ml
10) T	Anthracene (C19.43)	10.545	2445749	25.792 ug/ml
12) T	Fluoranthene (C21.85)	12.279	2638463	26.304 ug/ml
13) T	Pyrene (C20.8)	12.572	2628043	25.867 ug/ml
14) T	Benzo[a]anthracene (C...	14.450	2541758	26.358 ug/ml
15) T	Chrysene (C27.41)	14.492	2701960	25.034 ug/ml
16) T	benzo[b]fluoranthene ...	16.007	2660792	26.468 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.038	2823451	24.882 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.388	2579022	24.541 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.765	2439114	25.601 ug/ml
20) T	Dibenz[a,h]anthracene...	17.794	2991275	26.323 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.014	2599806	25.031 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Volume Inj. : 1 µl
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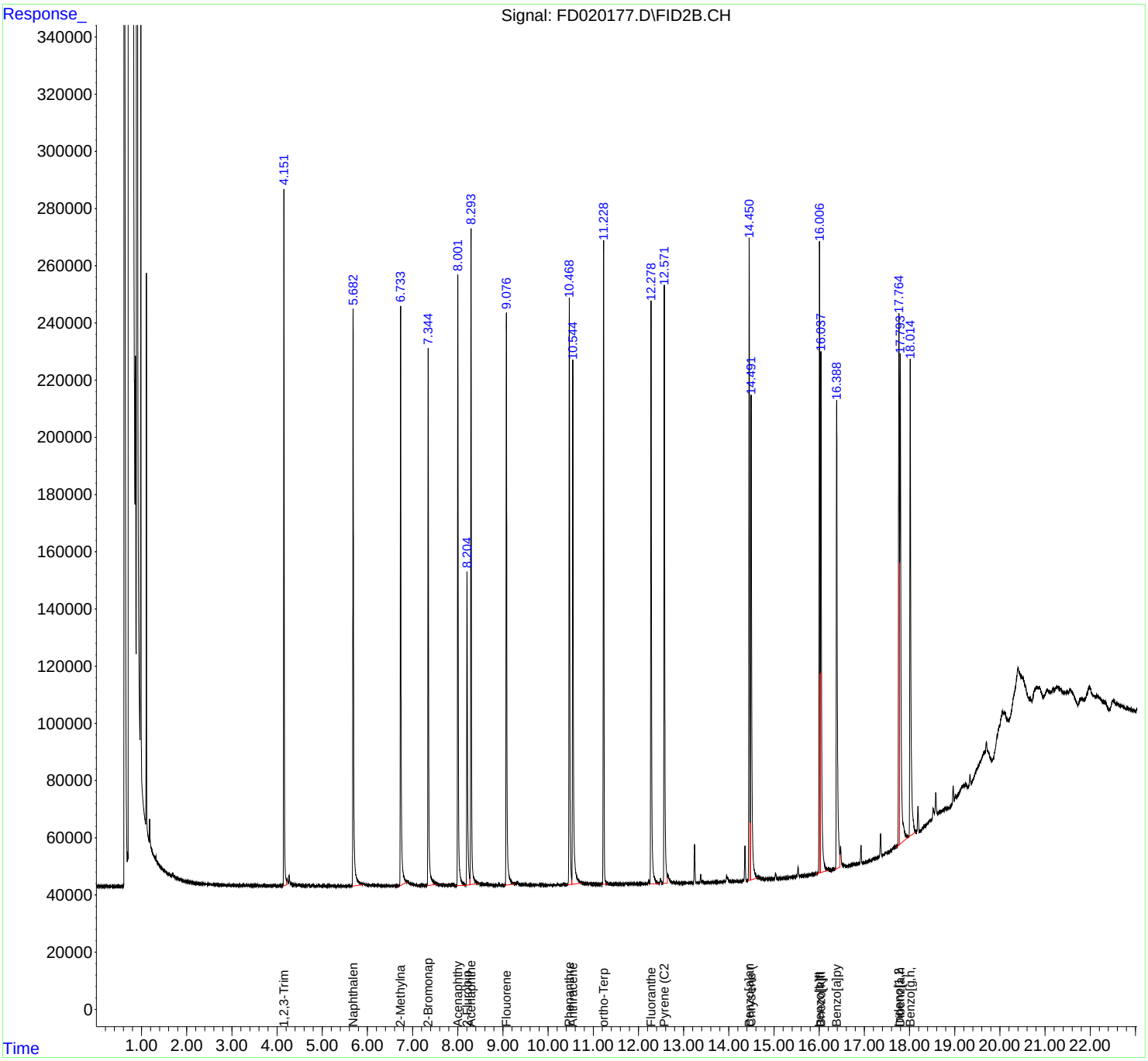
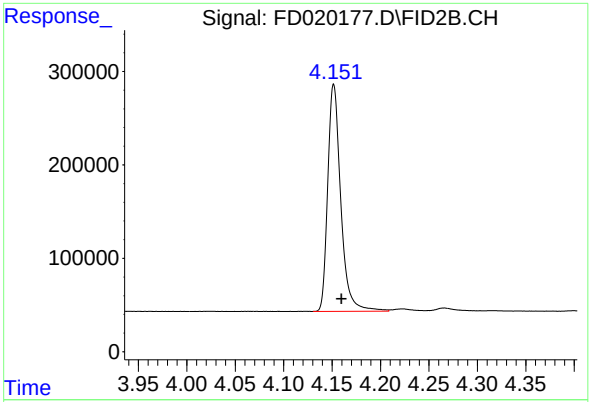
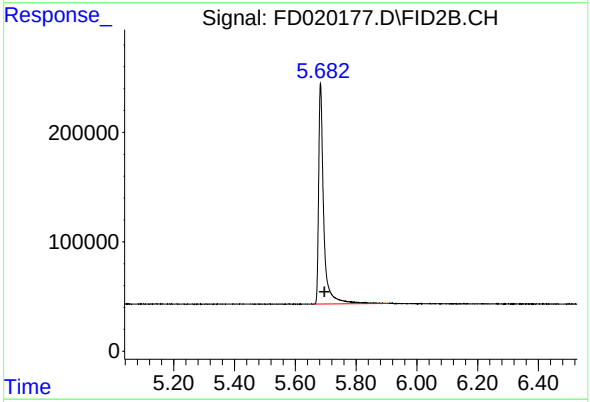




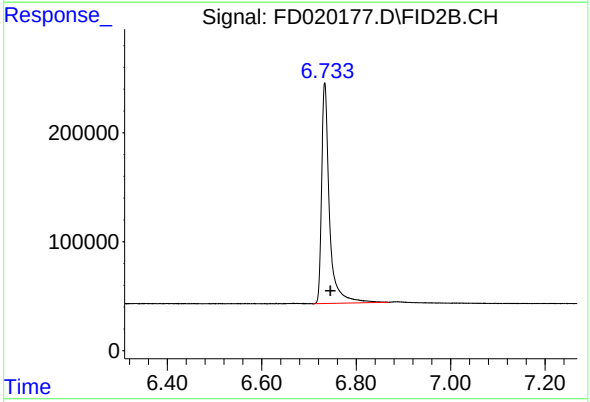
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 2271480
Conc: 25.72 ug/ml



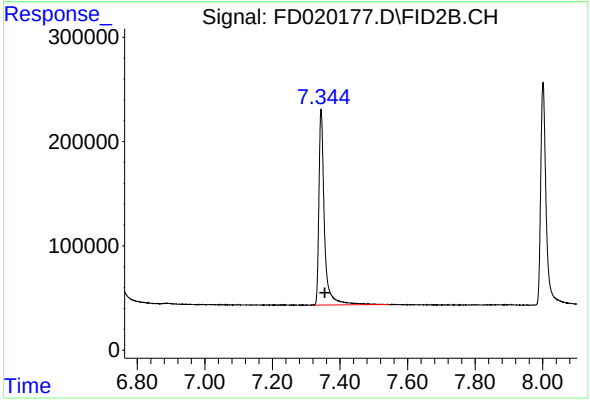
#2 Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: -0.013 min
Response: 2348746
Conc: 26.26 ug/ml



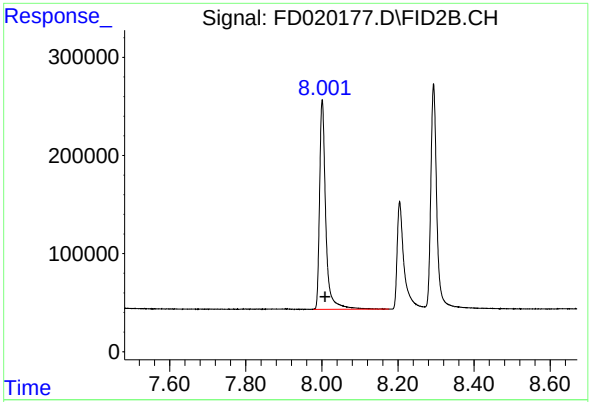
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.012 min
Response: 2341080
Conc: 25.78 ug/ml



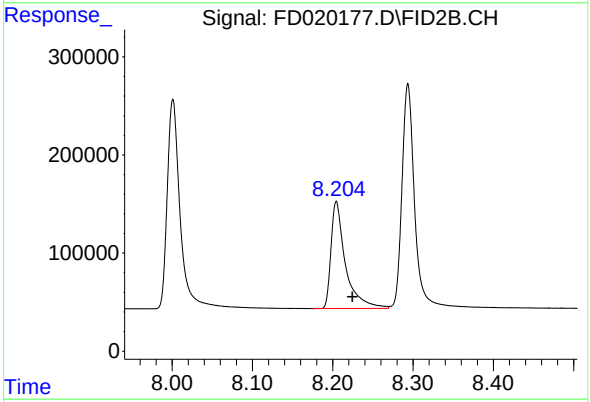
#4 2-Bromonaphthalene (SURR)

R.T.: 7.344 min
Delta R.T.: -0.011 min
Response: 2135400
Conc: 25.49 ug/ml



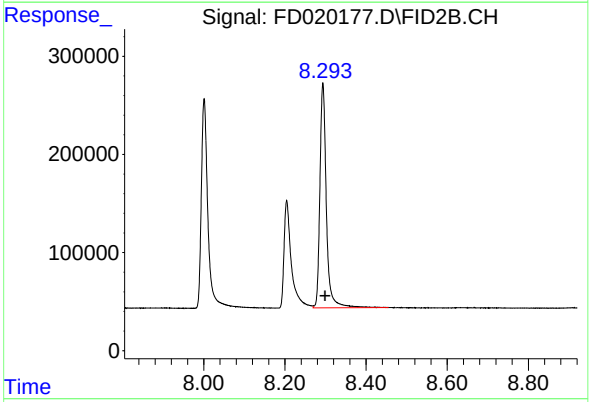
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 2413318
Conc: 25.20 ug/ml



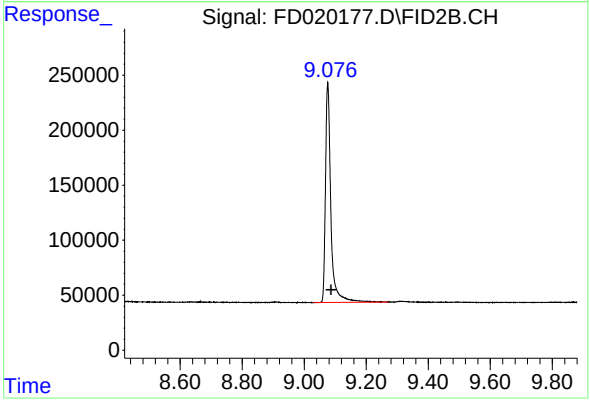
#6 2-Flurobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: -0.020 min
Response: 1367624
Conc: 27.05 ug/ml



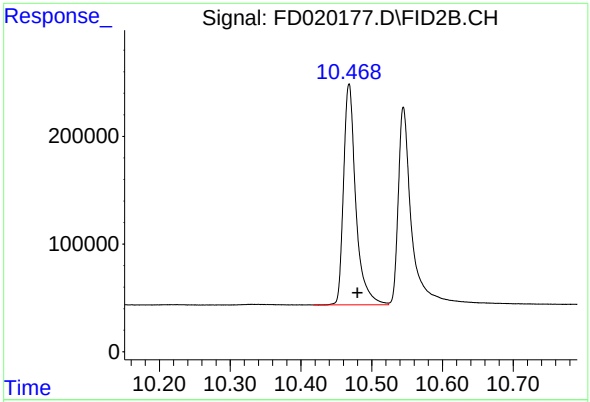
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.005 min
Response: 2532823
Conc: 24.72 ug/ml



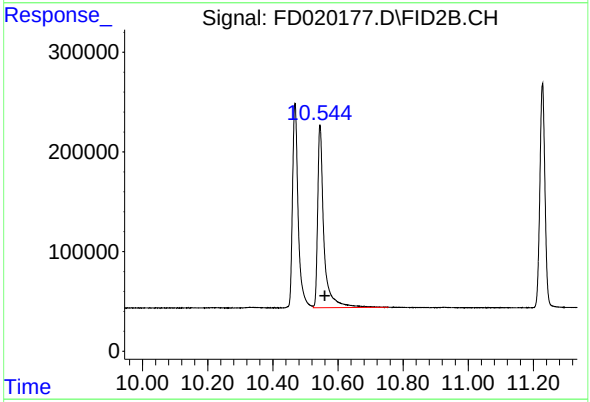
#8 Flouorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.011 min
Response: 2411381
Conc: 25.72 ug/ml



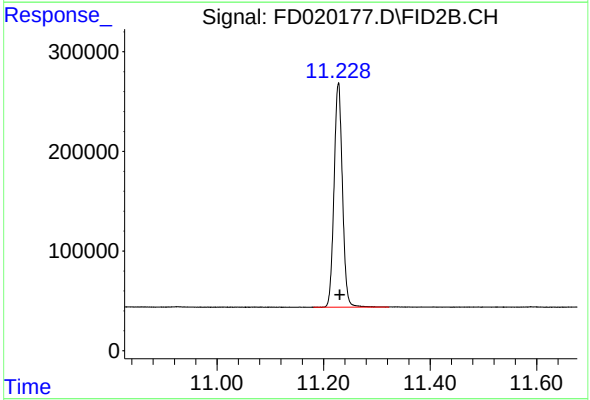
#9 Phenanthrene (C19.36)

R.T.: 10.468 min
Delta R.T.: -0.012 min
Response: 2466677
Conc: 26.47 ug/ml



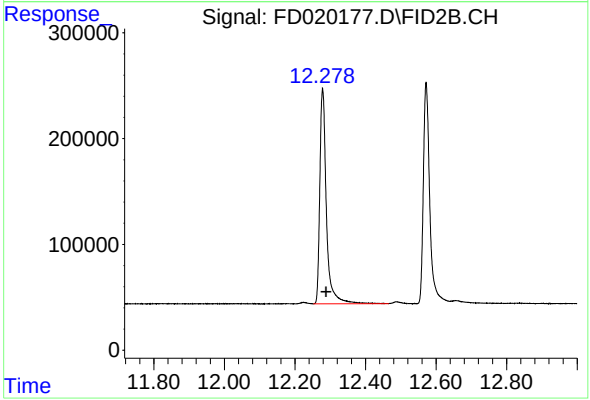
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.014 min
Response: 2445749
Conc: 25.79 ug/ml



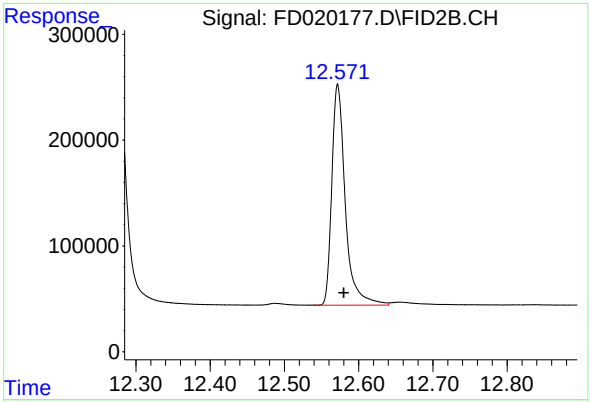
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.003 min
Response: 2453176
Conc: 25.85 ug/ml



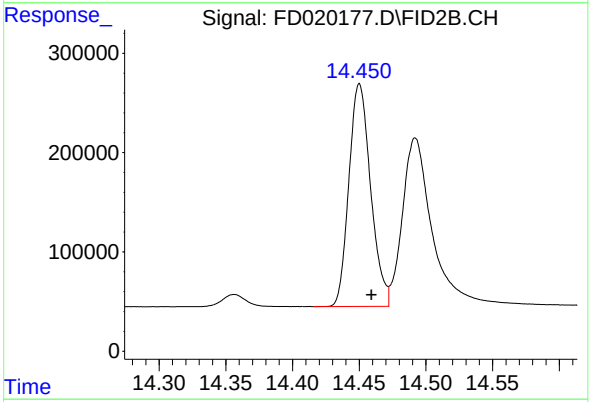
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.009 min
Response: 2638463
Conc: 26.30 ug/ml



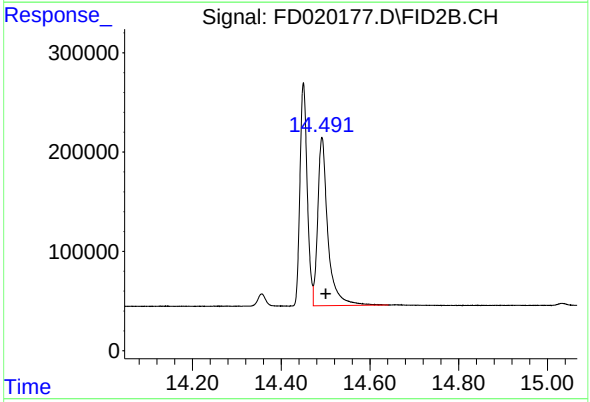
#13 Pyrene (C20.8)

R.T.: 12.572 min
Delta R.T.: -0.008 min
Response: 2628043
Conc: 25.87 ug/ml



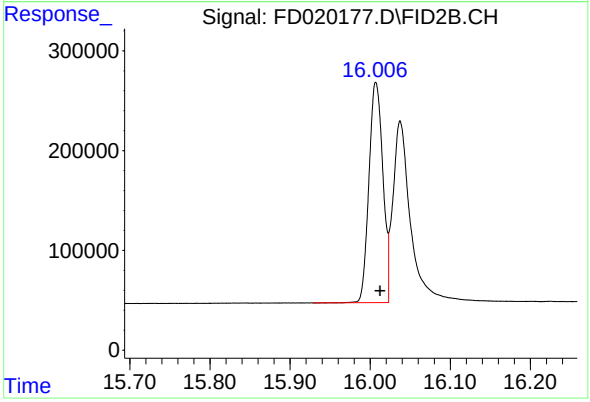
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.009 min
Response: 2541758
Conc: 26.36 ug/ml



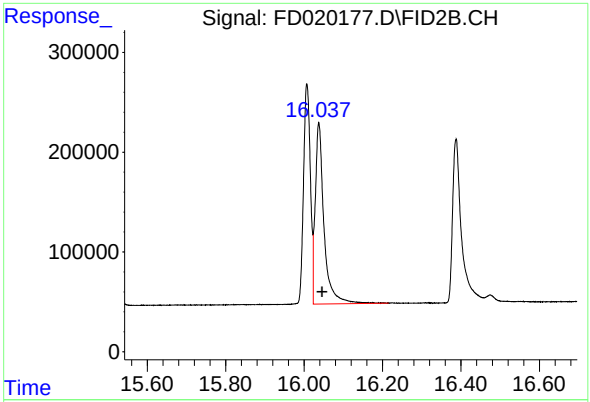
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: -0.008 min
Response: 2701960
Conc: 25.03 ug/ml



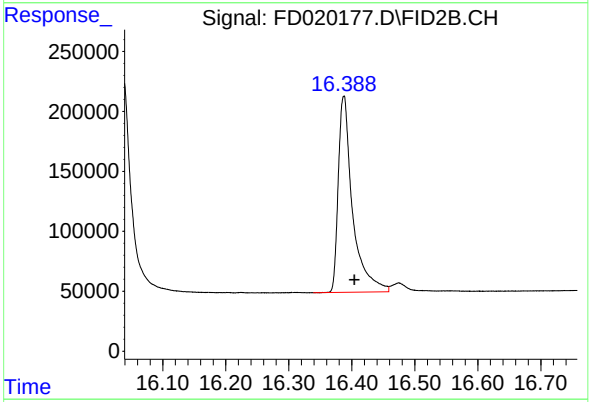
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.007 min
Delta R.T.: -0.005 min
Response: 2660792
Conc: 26.47 ug/ml



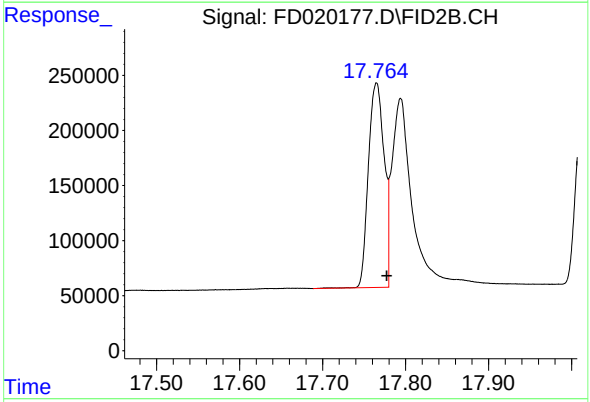
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.038 min
Delta R.T.: -0.008 min
Response: 2823451
Conc: 24.88 ug/ml



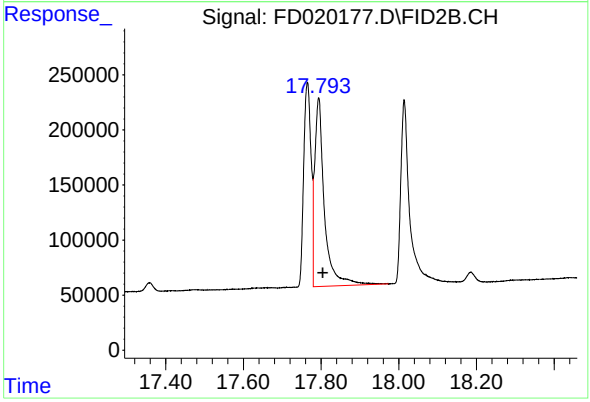
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.017 min
Response: 2579022
Conc: 24.54 ug/ml



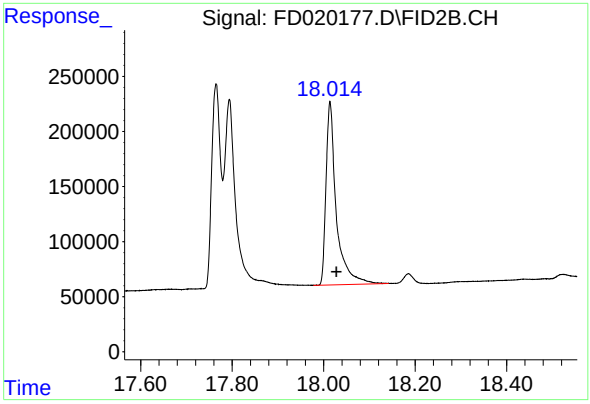
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: -0.012 min
Response: 2439114
Conc: 25.60 ug/ml



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

R.T.: 17.794 min
Delta R.T.: -0.011 min
Response: 2991275
Conc: 26.32 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.014 min
Response: 2599806
Conc: 25.03 ug/ml