

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032320AR\
 Data File : FD032732.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2020 23:27
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 24 03:22:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.612	2396629	18.543 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
6) S 2-Fluorobiphenyl (SURR)	8.473	1543457	17.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.97%
11) S ortho-Terphenyl (SURR)	11.508	2407249	17.361 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.417	2713319	20.398 ug/mlm
2) T Naphthalene (C11.7)	5.954	2734612	19.246 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	2658040	18.725 ug/ml
5) T Acenaphthylene (C15.06)	8.276	2470881	18.063 ug/ml
7) T Acenaphthene (C15.5)	8.571	2571351	18.212 ug/ml
8) T Flouorene (C16.55)	9.351	2445777	17.447 ug/ml
9) T Phenanthrene (C19.36)	10.745	2347293	16.797 ug/ml
10) T Anthracene (C19.43)	10.819	2276712	16.262 ug/ml
12) T Fluoranthene (C21.85)	12.555	2307334	16.451 ug/ml
13) T Pyrene (C20.8)	12.851	2281300	16.592 ug/ml
14) T Benzo[a]anthracene (C...	14.721	2177488	16.687 ug/ml
15) T Chrysene (C27.41)	14.763	2246018	16.684 ug/ml
16) T benzo[b]fluoranthene ...	16.272	2260552	17.621 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	2266135	17.262 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	2249326	17.657 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	2211105	18.555 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	2279007	18.025 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	2261317	19.128 ug/ml

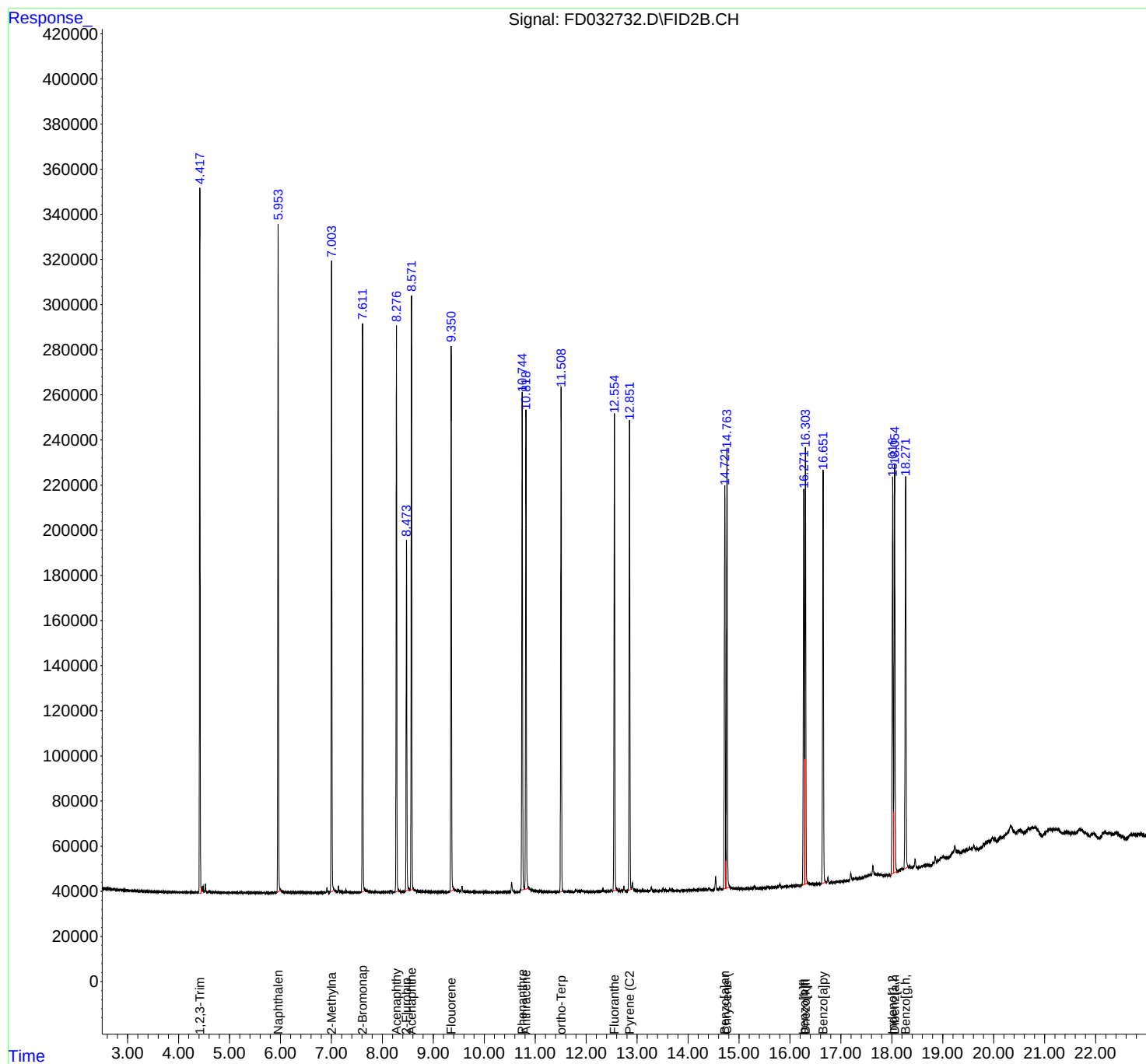
(f)=RT Delta > 1/2 Window

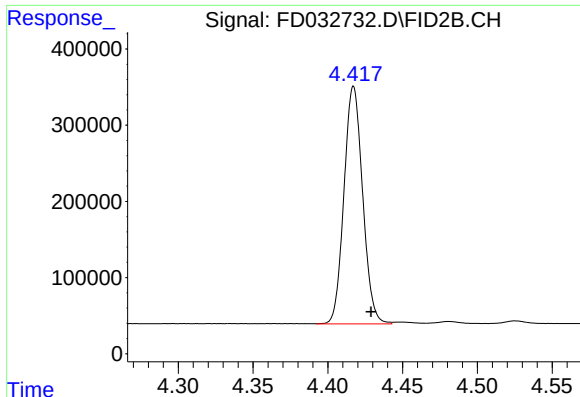
(m)=manual int.

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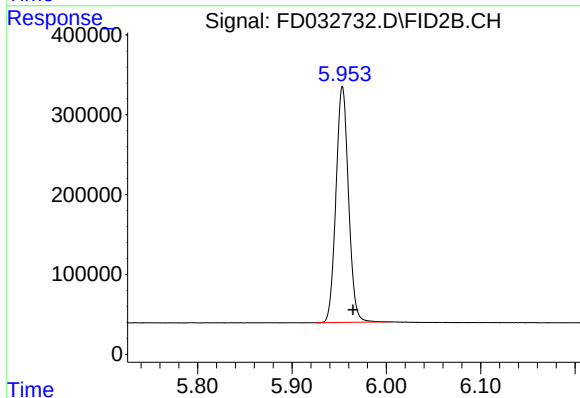
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Signal Info : 20M x 0.18mm x 0.18µm





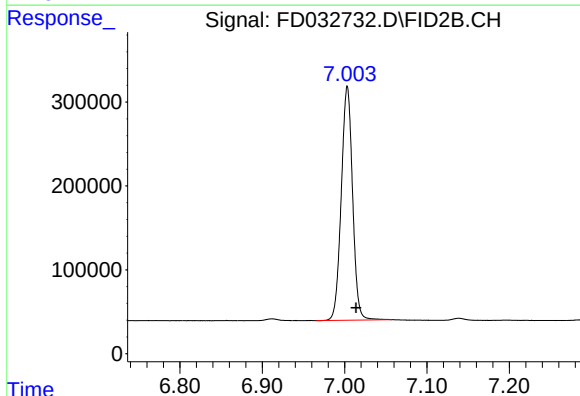
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min
Delta R.T.: -0.012 min
Response: 2713319
Conc: 20.40 ug/ml m



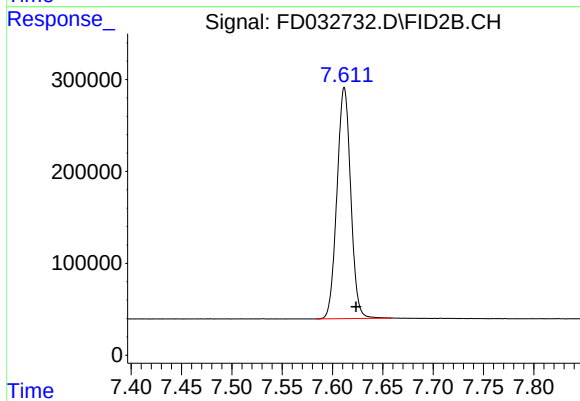
#2 Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.011 min
Response: 2734612
Conc: 19.25 ug/ml



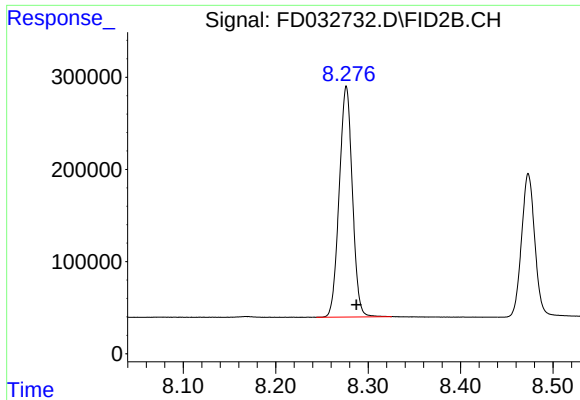
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.011 min
Response: 2658040
Conc: 18.72 ug/ml



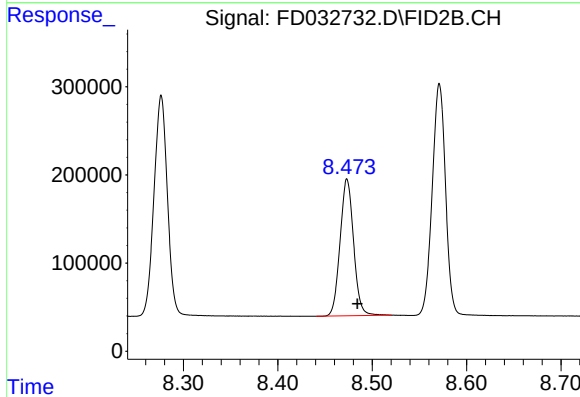
#4 2-Bromonaphthalene (SURR)

R.T.: 7.612 min
Delta R.T.: -0.012 min
Response: 2396629
Conc: 18.54 ug/ml



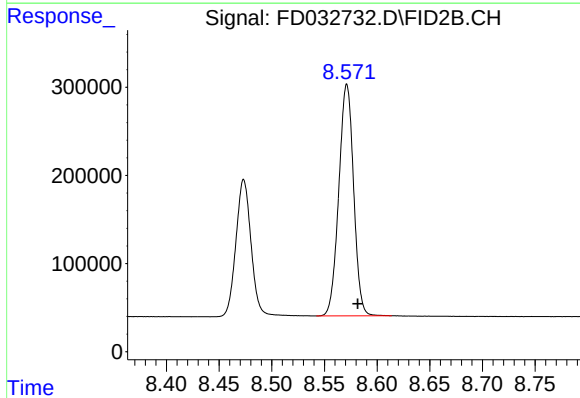
#5 Acenaphthylene (C15.06)

R.T.: 8.276 min
Delta R.T.: -0.011 min
Response: 2470881
Conc: 18.06 ug/ml



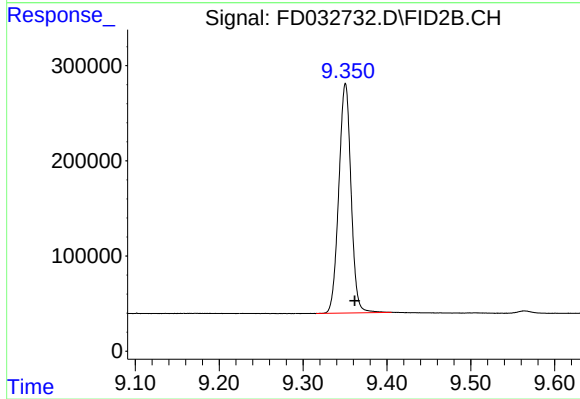
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.011 min
Response: 1543457
Conc: 17.48 ug/ml



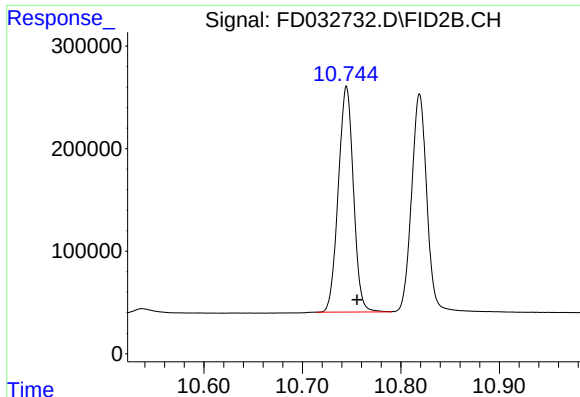
#7 Acenaphthene (C15.5)

R.T.: 8.571 min
Delta R.T.: -0.010 min
Response: 2571351
Conc: 18.21 ug/ml



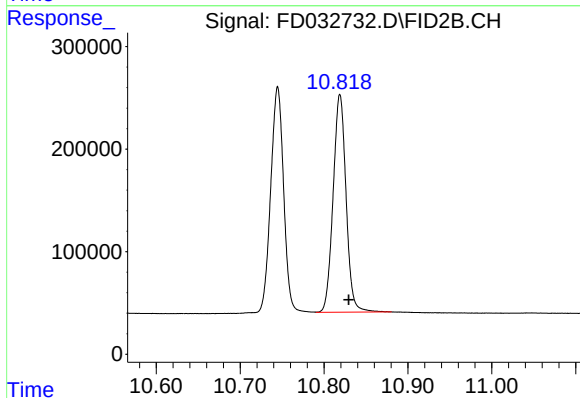
#8 Fluorene (C16.55)

R.T.: 9.351 min
Delta R.T.: -0.011 min
Response: 2445777
Conc: 17.45 ug/ml



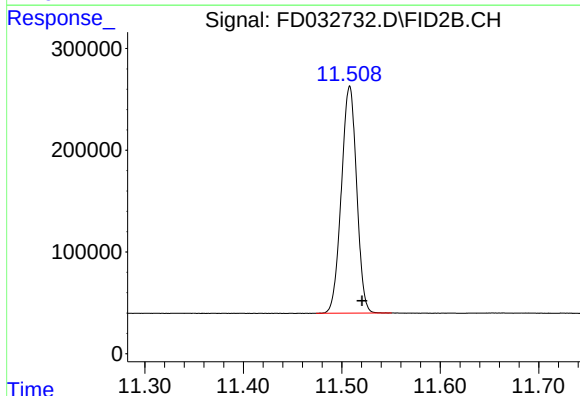
#9 Phenanthrene (C19.36)

R.T.: 10.745 min
Delta R.T.: -0.011 min
Response: 2347293
Conc: 16.80 ug/ml



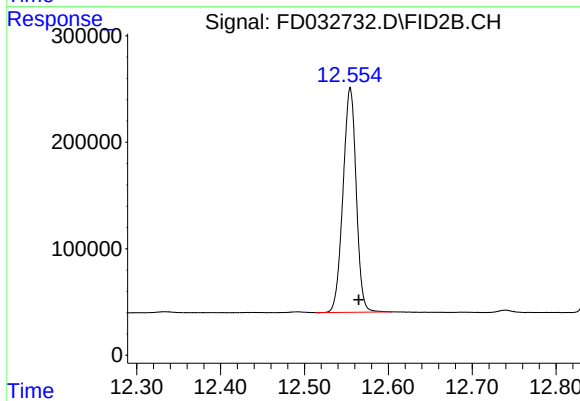
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: -0.010 min
Response: 2276712
Conc: 16.26 ug/ml



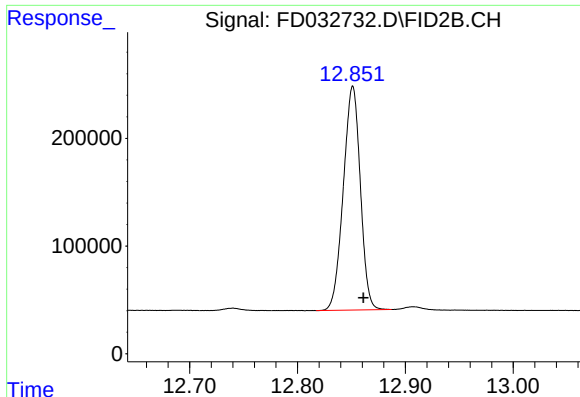
#11 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: -0.013 min
Response: 2407249
Conc: 17.36 ug/ml



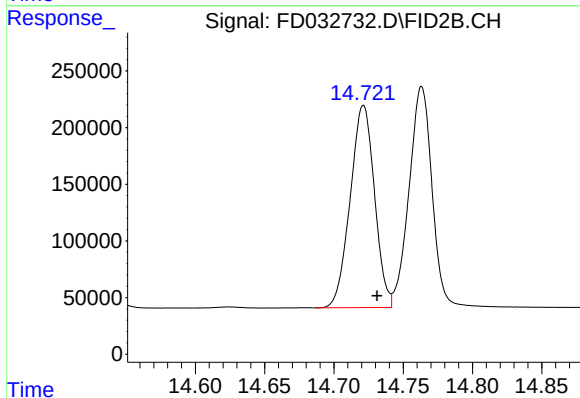
#12 Fluoranthene (C21.85)

R.T.: 12.555 min
Delta R.T.: -0.010 min
Response: 2307334
Conc: 16.45 ug/ml



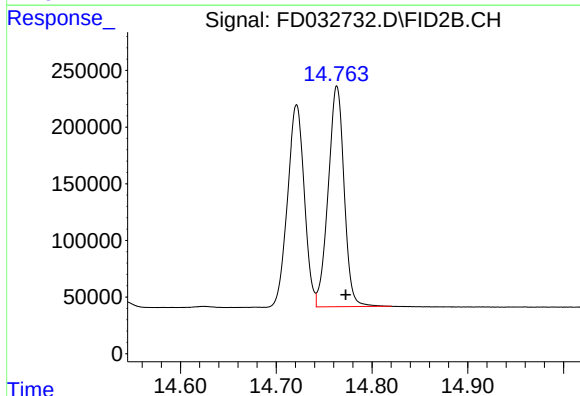
#13 Pyrene (C20.8)

R.T.: 12.851 min
Delta R.T.: -0.010 min
Response: 2281300
Conc: 16.59 ug/ml



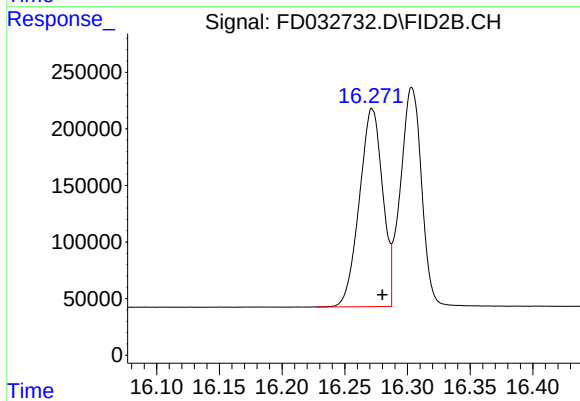
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.721 min
Delta R.T.: -0.010 min
Response: 2177488
Conc: 16.69 ug/ml



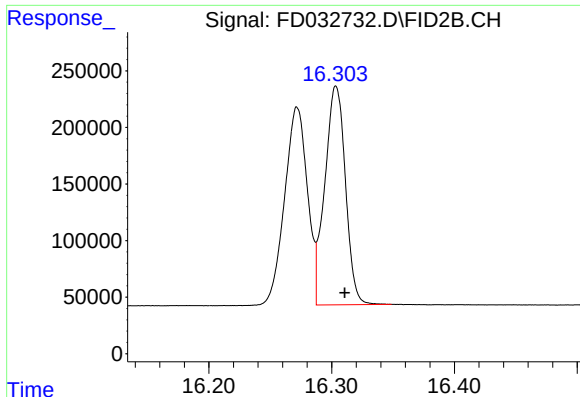
#15 Chrysene (C27.41)

R.T.: 14.763 min
Delta R.T.: -0.009 min
Response: 2246018
Conc: 16.68 ug/ml



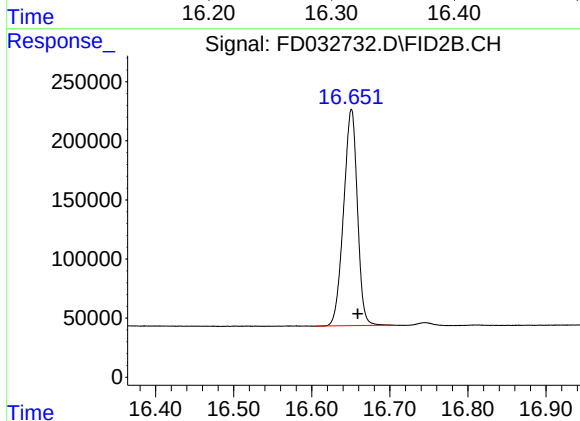
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.272 min
Delta R.T.: -0.008 min
Response: 2260552
Conc: 17.62 ug/ml



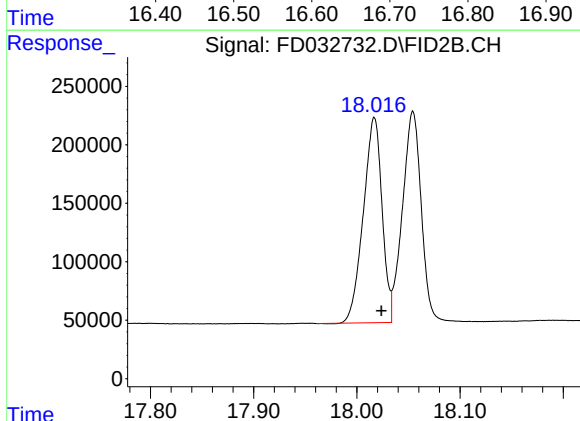
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.007 min
Response: 2266135
Conc: 17.26 ug/ml



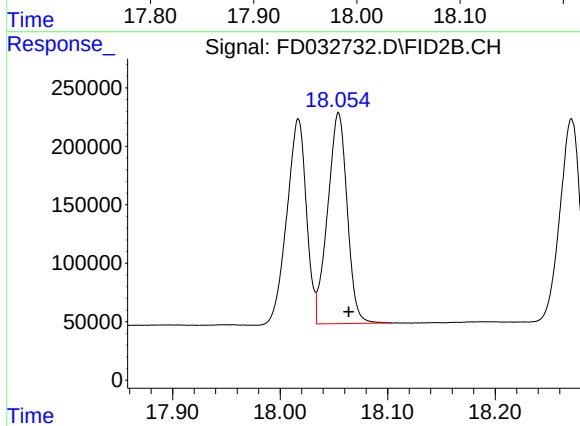
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.008 min
Response: 2249326
Conc: 17.66 ug/ml



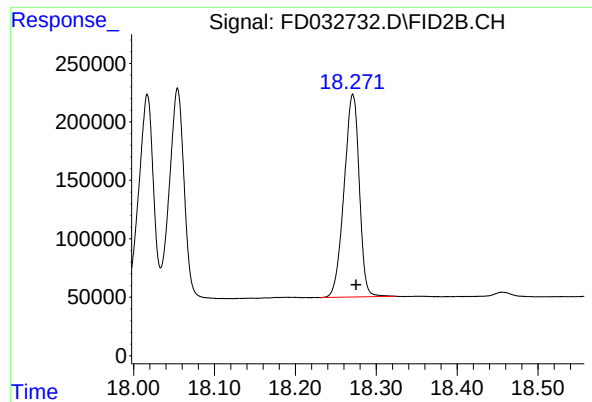
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: -0.007 min
Response: 2211105
Conc: 18.56 ug/ml



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

R.T.: 18.054 min
Delta R.T.: -0.010 min
Response: 2279007
Conc: 18.02 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.004 min
Response: 2261317
Conc: 19.13 ug/ml