

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101519AR\
 Data File : FD031008.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2019 10:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 16 01:17:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.552	1959399	20.499 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.413	1298431	20.463 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.93%
11) S ortho-Terphenyl (SURR)	11.438	2181170	19.901 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	2012255	20.285 ug/ml
2) T Naphthalene (C11.7)	5.896	2097270	20.714 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	2121794	20.694 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2112073	20.460 ug/ml
7) T Acenaphthene (C15.5)	8.507	2222634	20.362 ug/ml
8) T Flouorene (C16.55)	9.287	2126883	20.518 ug/ml
9) T Phenanthrene (C19.36)	10.677	2139756	20.483 ug/ml
10) T Anthracene (C19.43)	10.754	2140800	20.402 ug/ml
12) T Fluoranthene (C21.85)	12.482	2152197	20.260 ug/ml
13) T Pyrene (C20.8)	12.778	2080724	19.637 ug/ml
14) T Benzo[a]anthracene (C...	14.644	1980989	20.620 ug/ml
15) T Chrysene (C27.41)	14.686	2183434	19.861 ug/ml
16) T benzo[b]fluoranthene ...	16.190	1989338	20.508 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.221	2161641	19.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	2054059	20.932 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.930	1817619	20.110 ug/mlm
20) T Dibenz[a,h]anthracene...	17.967	2113904	20.592 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	1917124	20.112 ug/ml

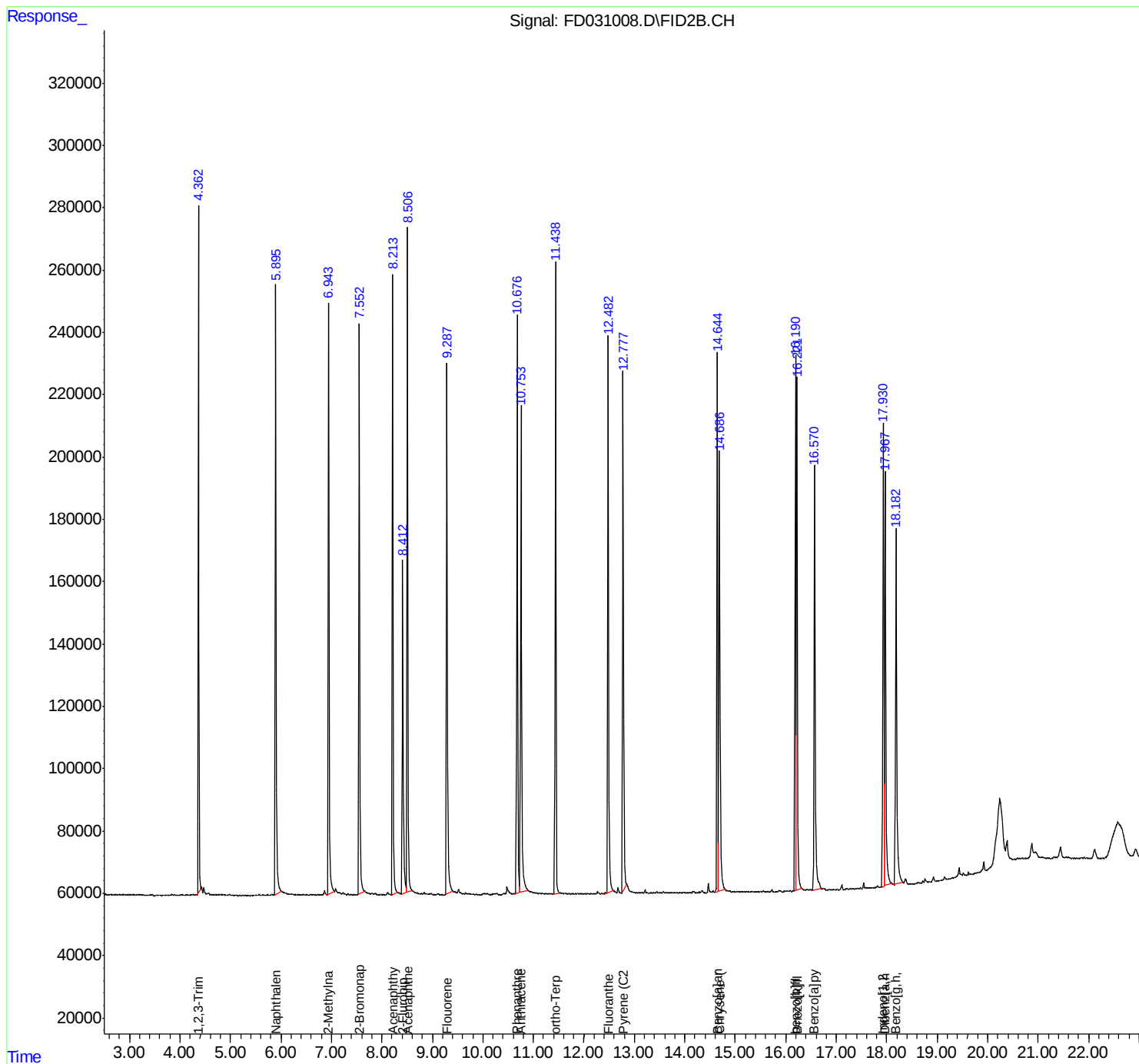
(f)=RT Delta > 1/2 Window

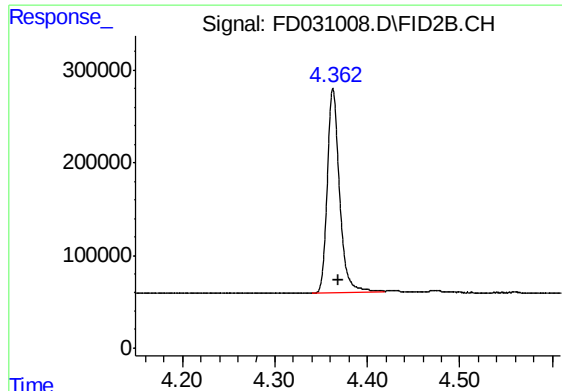
(m)=manual int.

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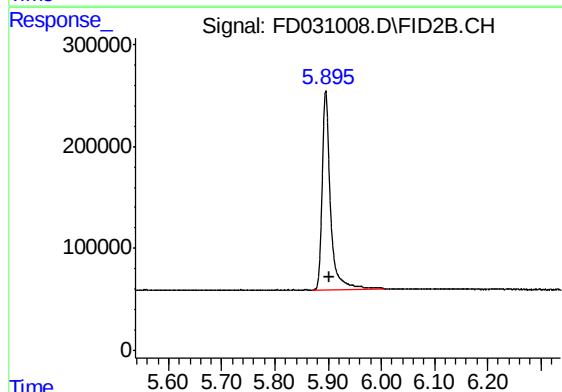
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Signal Info : 20M x 0.18mm x 0.18µm





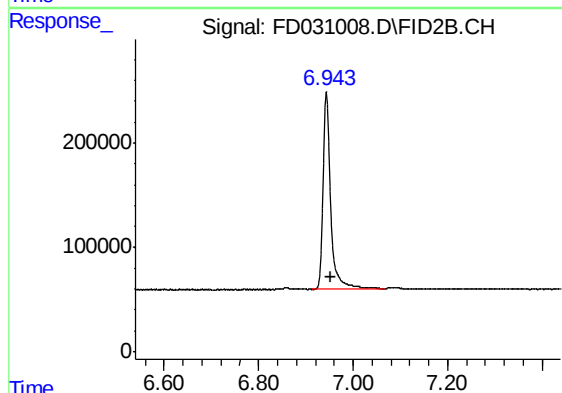
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.005 min
Response: 2012255
Conc: 20.28 ug/ml



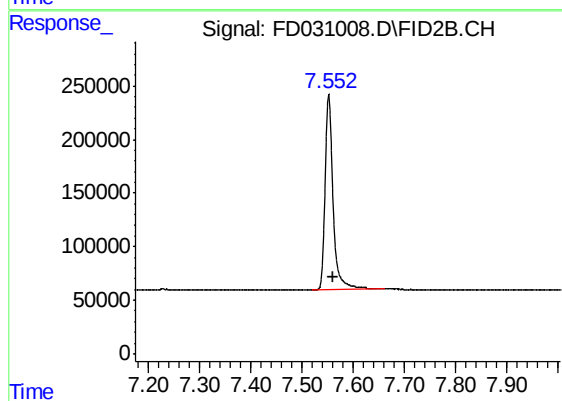
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.006 min
Response: 2097270
Conc: 20.71 ug/ml



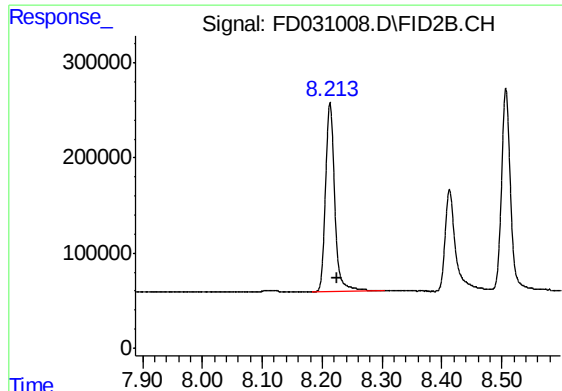
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.008 min
Response: 2121794
Conc: 20.69 ug/ml



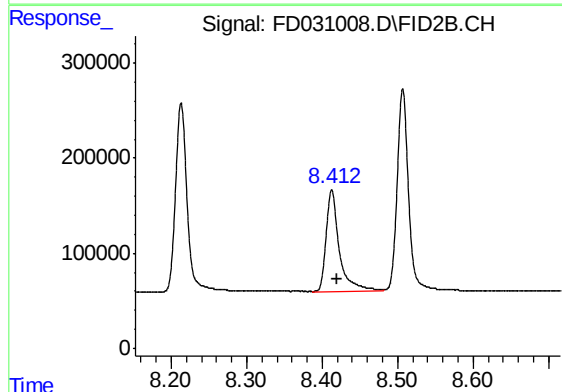
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: -0.008 min
Response: 1959399
Conc: 20.50 ug/ml



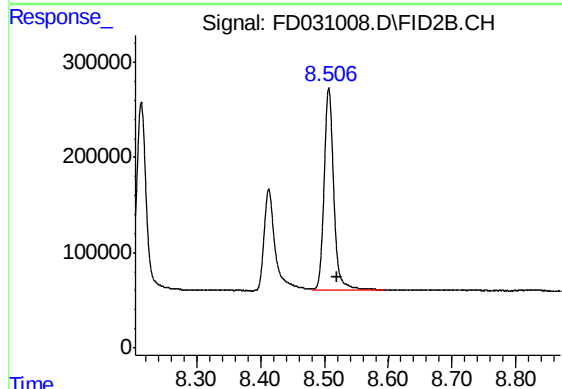
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.011 min
Response: 2112073
Conc: 20.46 ug/ml



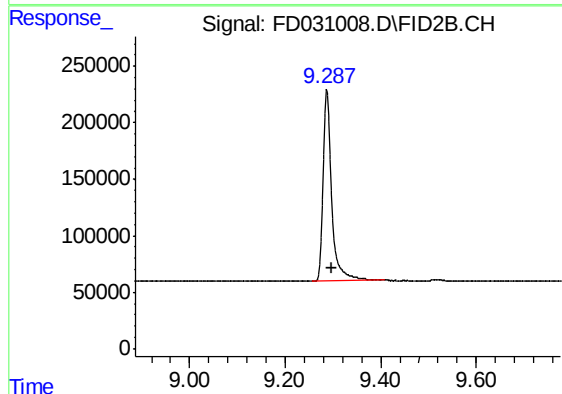
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.413 min
Delta R.T.: -0.008 min
Response: 1298431
Conc: 20.46 ug/ml



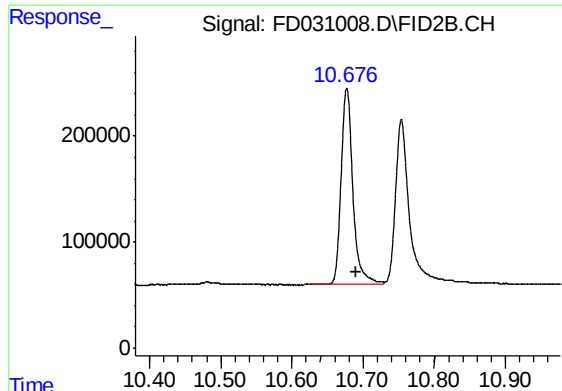
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: -0.014 min
Response: 2222634
Conc: 20.36 ug/ml



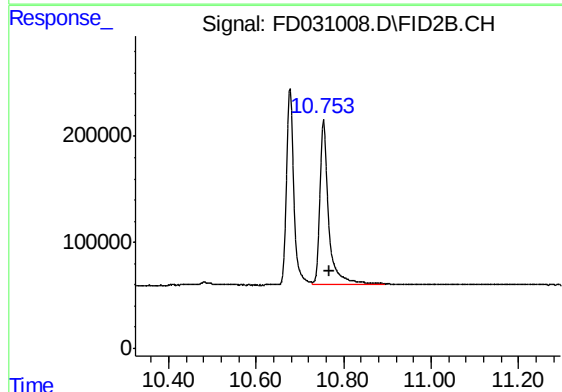
#8 Fluorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.012 min
Response: 2126883
Conc: 20.52 ug/ml



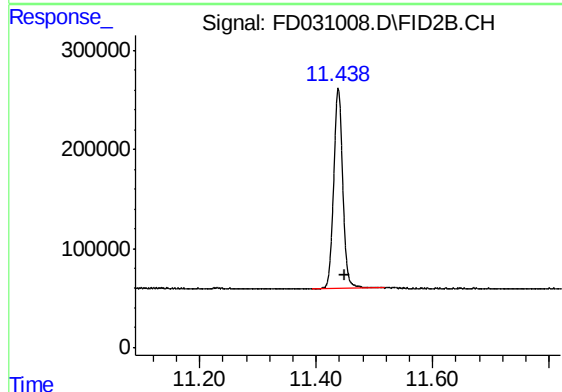
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.013 min
Response: 2139756
Conc: 20.48 ug/ml



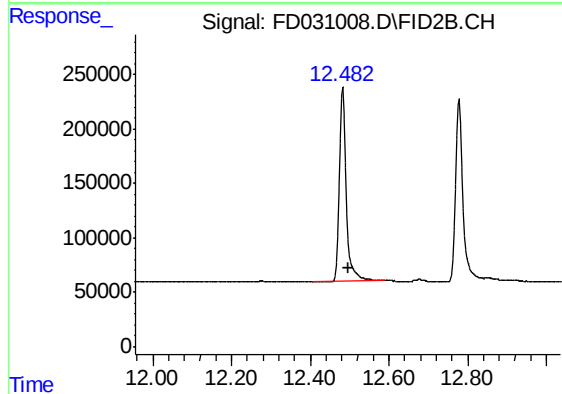
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.014 min
Response: 2140800
Conc: 20.40 ug/ml



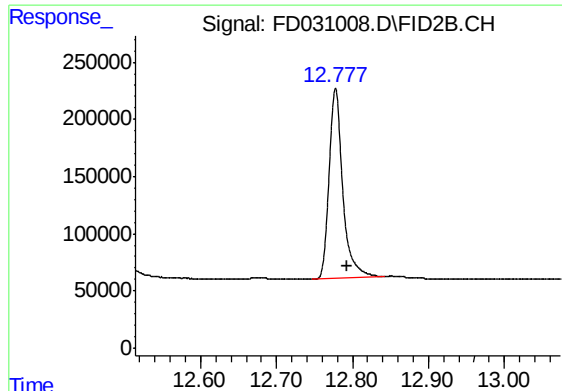
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.011 min
Response: 2181170
Conc: 19.90 ug/ml



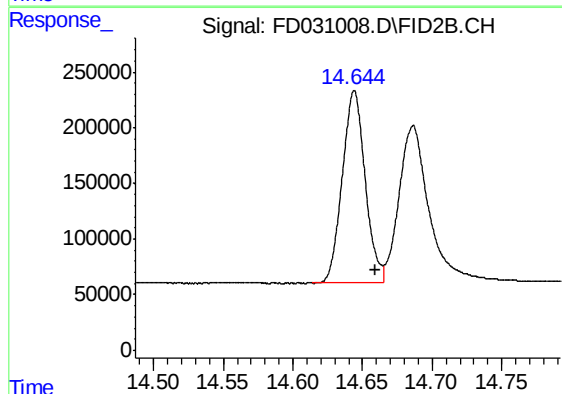
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.015 min
Response: 2152197
Conc: 20.26 ug/ml



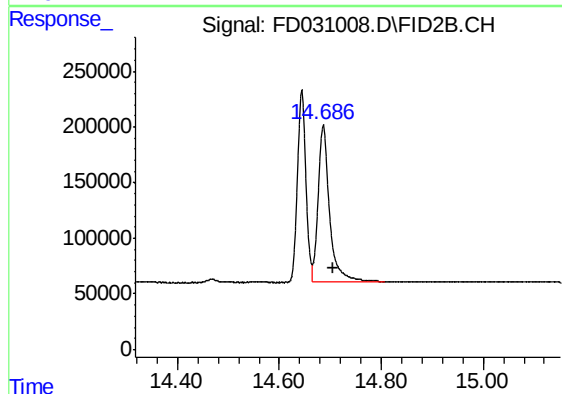
#13 Pyrene (C20.8)

R.T.: 12.778 min
Delta R.T.: -0.016 min
Response: 2080724
Conc: 19.64 ug/ml



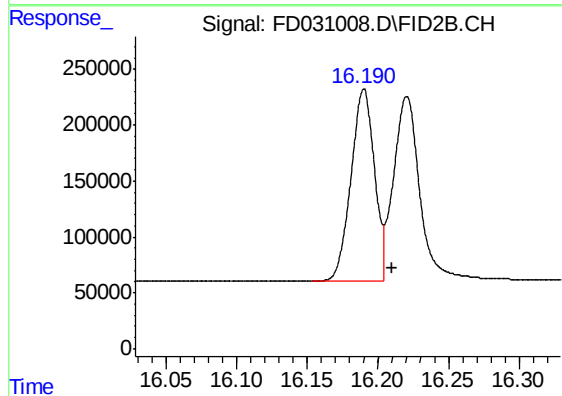
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.015 min
Response: 1980989
Conc: 20.62 ug/ml



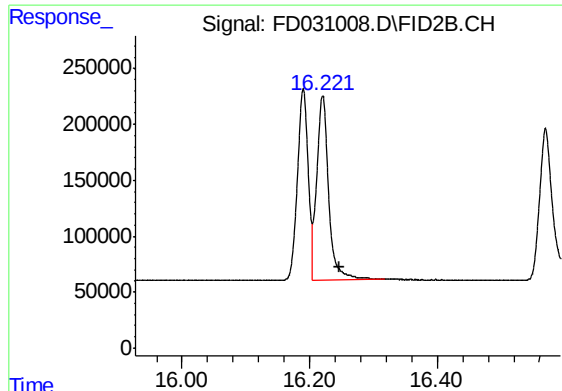
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: -0.020 min
Response: 2183434
Conc: 19.86 ug/ml



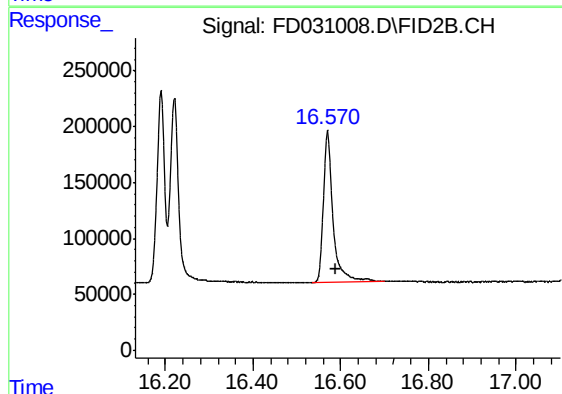
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.190 min
Delta R.T.: -0.020 min
Response: 1989338
Conc: 20.51 ug/ml m



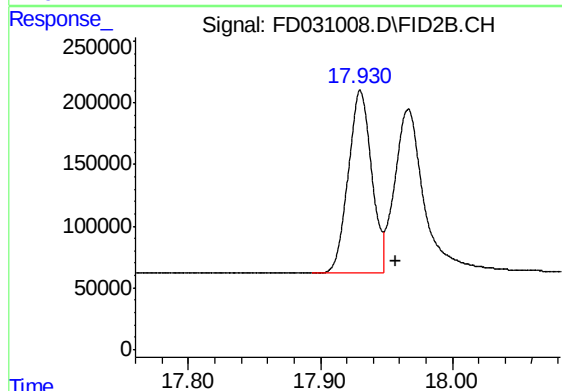
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: -0.026 min
Response: 2161641
Conc: 19.86 ug/ml



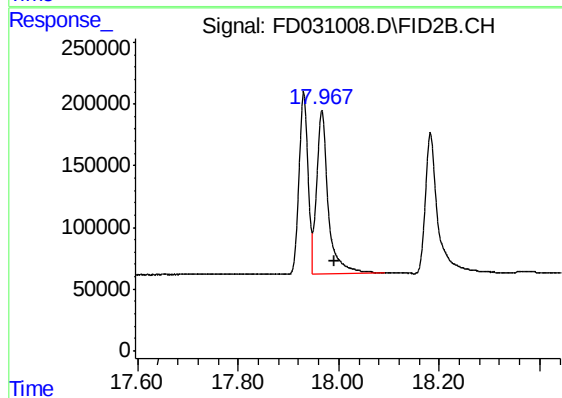
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.020 min
Response: 2054059
Conc: 20.93 ug/ml



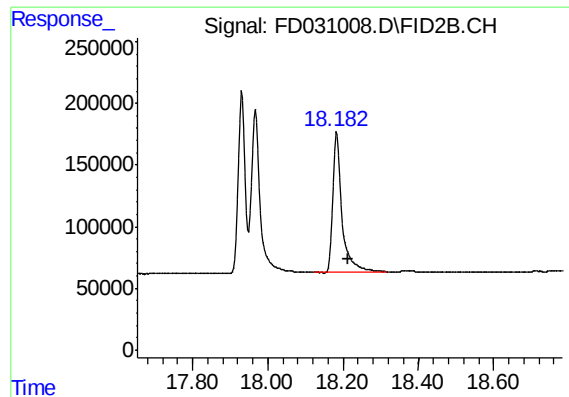
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.930 min
Delta R.T.: -0.027 min
Response: 1817619
Conc: 20.11 ug/ml m



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

R.T.: 17.967 min
Delta R.T.: -0.025 min
Response: 2113904
Conc: 20.59 ug/ml



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

R.T.: 18.182 min
Delta R.T.: -0.032 min
Response: 1917124
Conc: 20.11 ug/ml