

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102320AR\
 Data File : FD035137.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 8:30
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 01:09:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.648	2395468	20.782 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
6) S 2-Fluorobiphenyl (SURR)	8.512	1662918	20.918 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.84%
11) S ortho-Terphenyl (SURR)	11.551	2717065	20.613 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	2658645	20.443 ug/ml
2) T Naphthalene (C11.7)	5.985	2827255	20.789 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	2829810	20.764 ug/ml
5) T Acenaphthylene (C15.06)	8.314	2757242	20.733 ug/ml
7) T Acenaphthene (C15.5)	8.609	2815227	20.810 ug/ml
8) T Fluorene (C16.55)	9.391	2719174	20.959 ug/ml
9) T Phenanthrene (C19.36)	10.787	2640920	20.837 ug/ml
10) T Anthracene (C19.43)	10.863	2663308	20.838 ug/ml
12) T Fluoranthene (C21.85)	12.599	2591610	20.804 ug/ml
13) T Pyrene (C20.8)	12.896	2492310	20.393 ug/ml
14) T Benzo[a]anthracene (C...	14.767	2229063	21.028 ug/ml
15) T Chrysene (C27.41)	14.809	2427845	20.748 ug/ml
16) T benzo[b]fluoranthene ...	16.317	2147841	20.927 ug/ml
17) T Bnezo[k]fluoranthene ...	16.349	2191939	20.901 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	1935840	20.440 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	1843925	20.791 ug/ml
20) T Dibenz[a,h]anthracene...	18.098	2117034	20.881 ug/ml
21) T Benzo[g,h,i]perylene ...	18.313	1981406	20.736 ug/ml

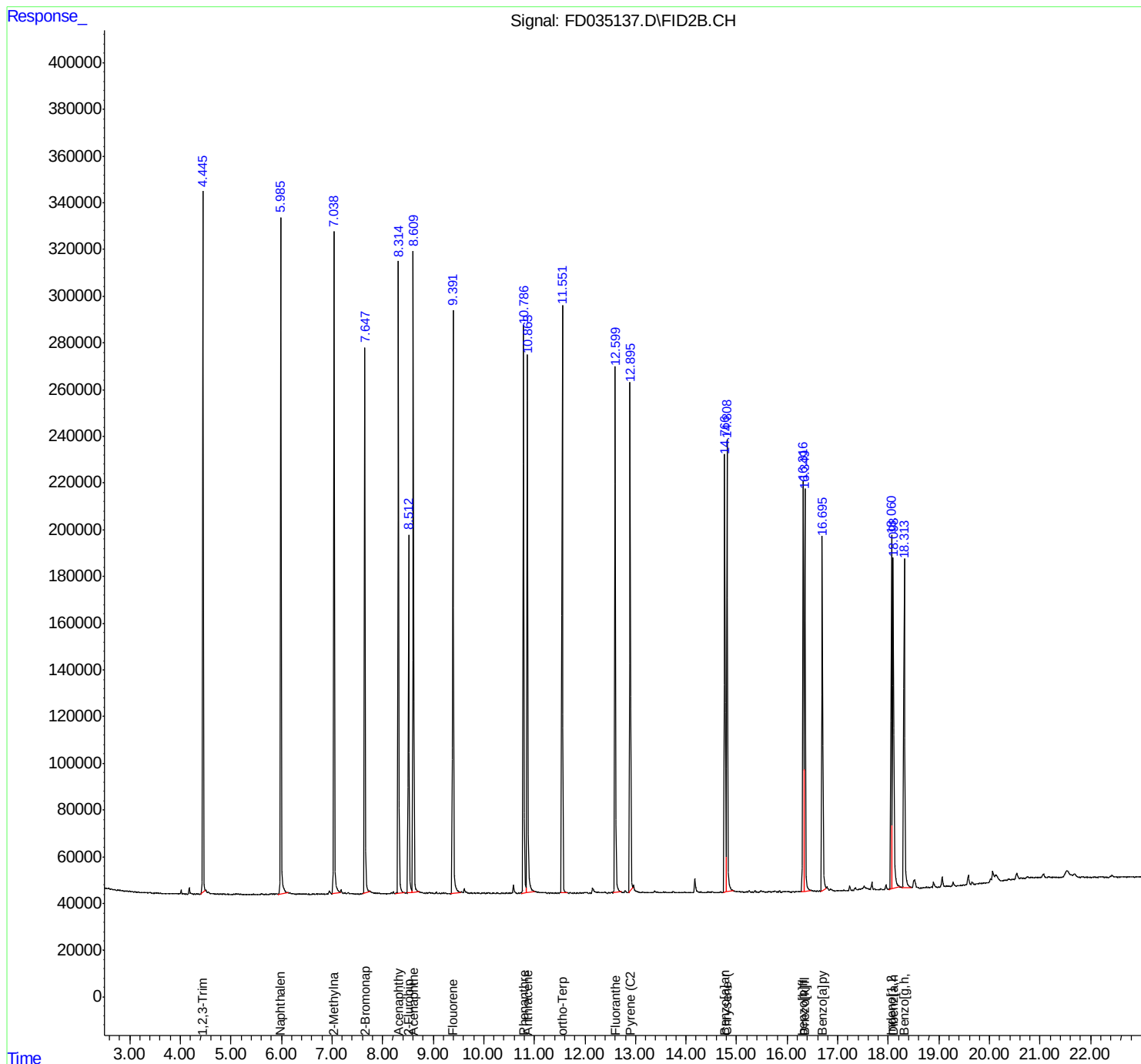
(f)=RT Delta > 1/2 Window

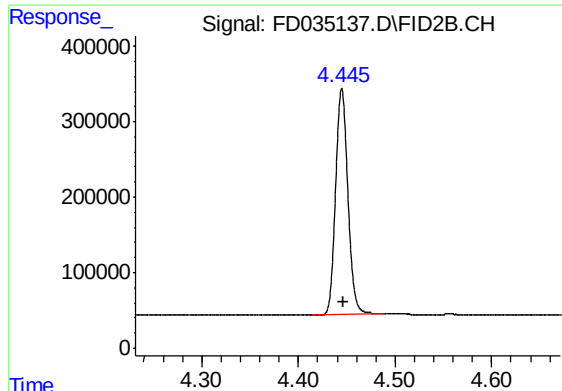
(m)=manual int.

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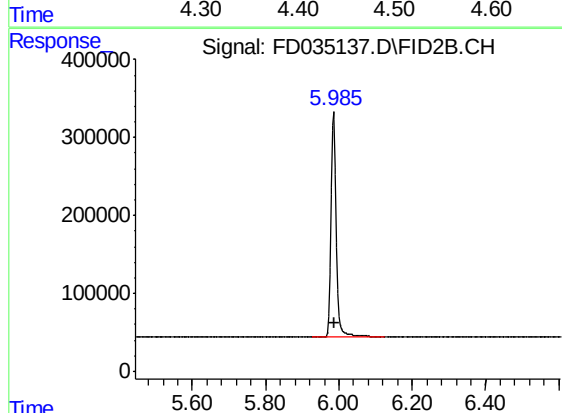
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





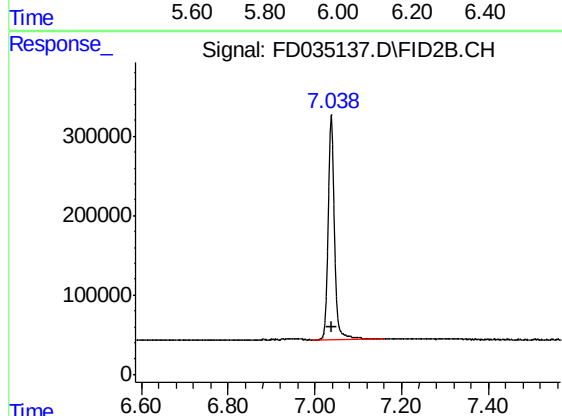
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 2658645
Conc: 20.44 ug/ml



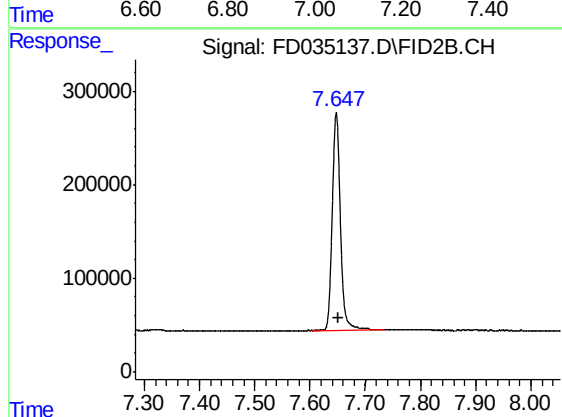
#2 Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 2827255
Conc: 20.79 ug/ml



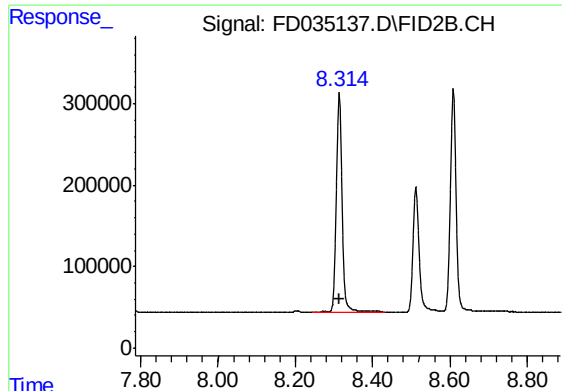
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.002 min
Response: 2829810
Conc: 20.76 ug/ml



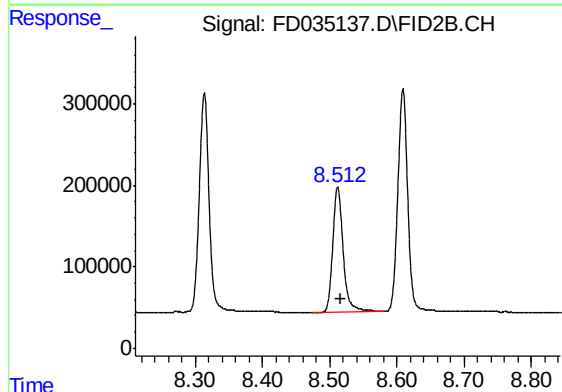
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 2395468
Conc: 20.78 ug/ml



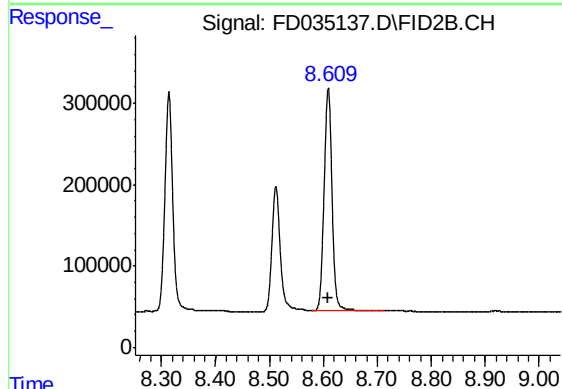
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min
Delta R.T.: -0.001 min
Response: 2757242
Conc: 20.73 ug/ml



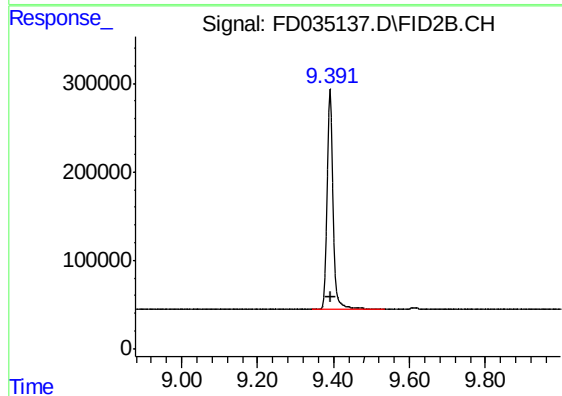
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 1662918
Conc: 20.92 ug/ml



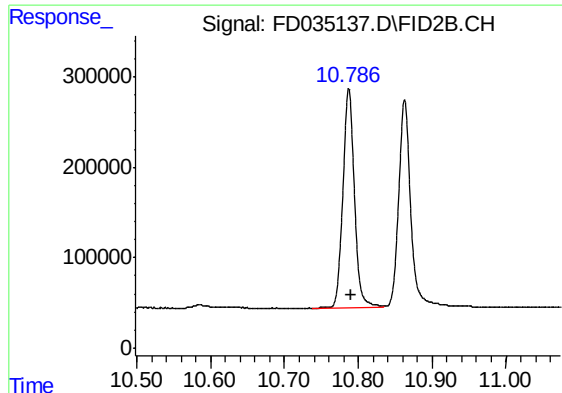
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 2815227
Conc: 20.81 ug/ml



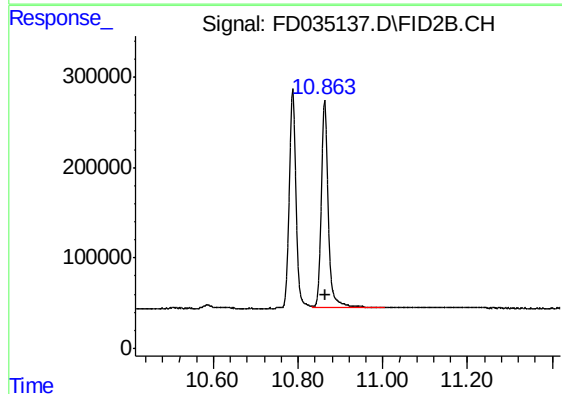
#8 Flouorene (C16.55)

R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 2719174
Conc: 20.96 ug/ml



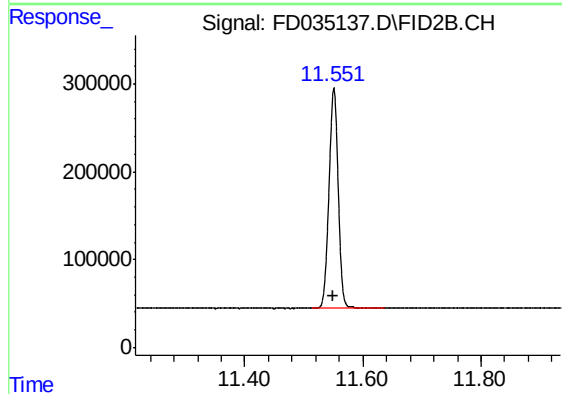
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: -0.002 min
Response: 2640920
Conc: 20.84 ug/ml



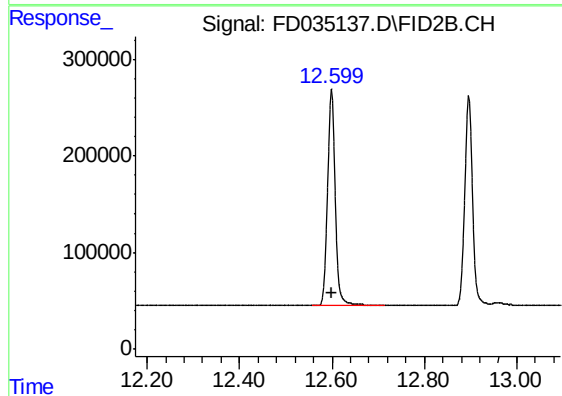
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: -0.003 min
Response: 2663308
Conc: 20.84 ug/ml



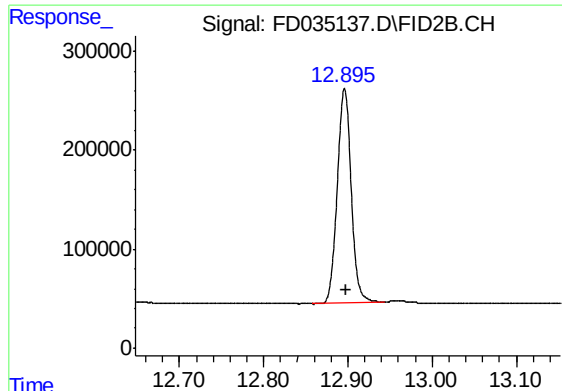
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 2717065
Conc: 20.61 ug/ml



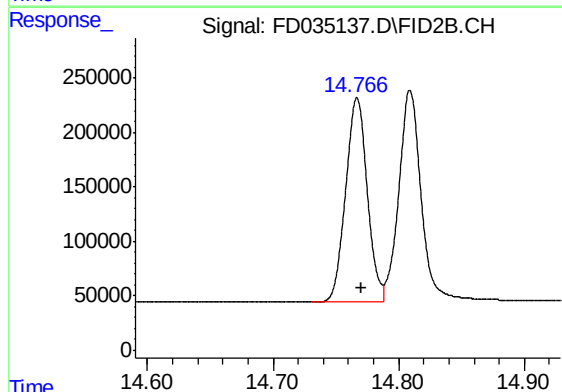
#12 Fluoranthene (C21.85)

R.T.: 12.599 min
Delta R.T.: -0.002 min
Response: 2591610
Conc: 20.80 ug/ml



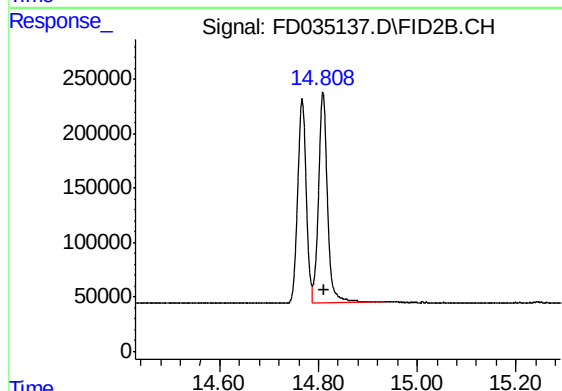
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: -0.001 min
Response: 2492310
Conc: 20.39 ug/ml



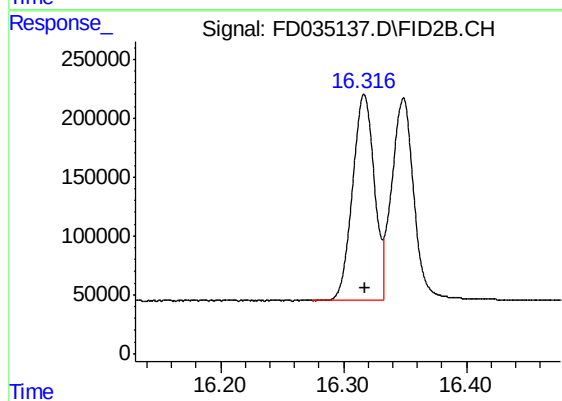
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.767 min
Delta R.T.: -0.003 min
Response: 2229063
Conc: 21.03 ug/ml



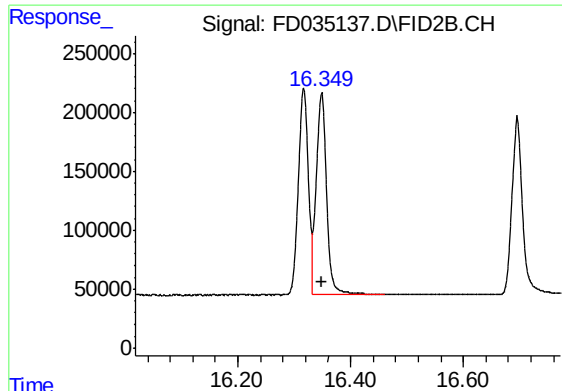
#15 Chrysene (C27.41)

R.T.: 14.809 min
Delta R.T.: -0.002 min
Response: 2427845
Conc: 20.75 ug/ml



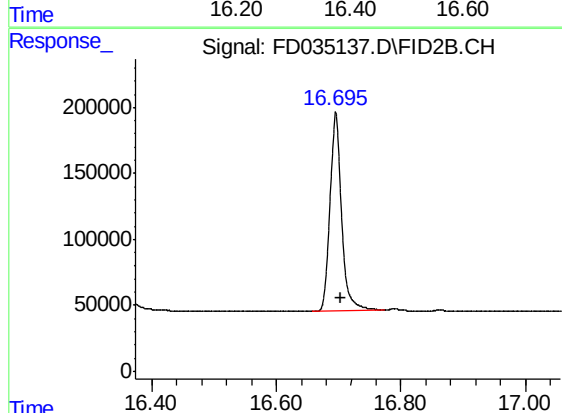
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 2147841
Conc: 20.93 ug/ml



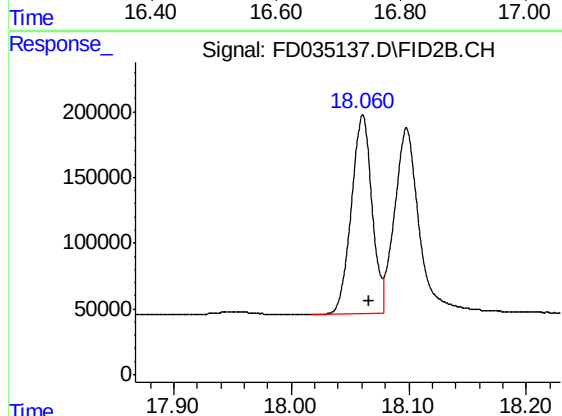
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.349 min
Delta R.T.: 0.000 min
Response: 2191939
Conc: 20.90 ug/ml



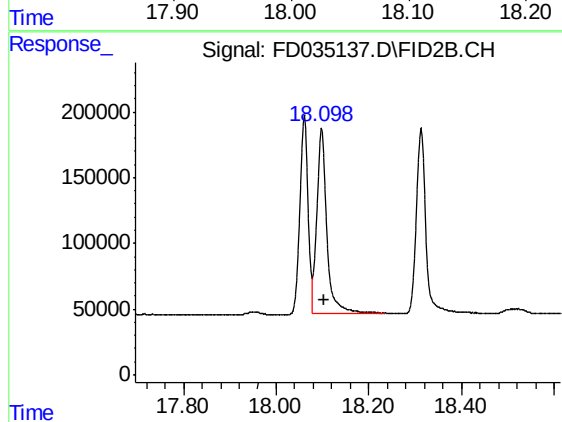
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.008 min
Response: 1935840
Conc: 20.44 ug/ml



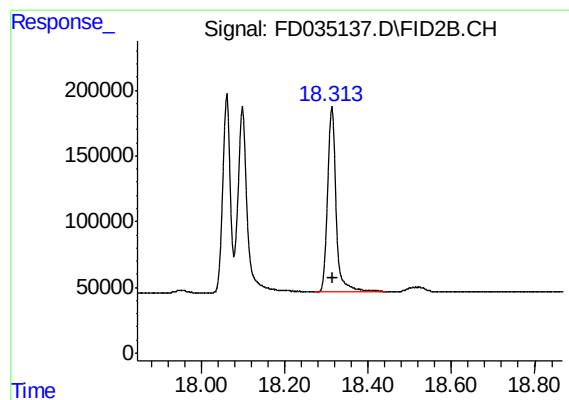
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: -0.006 min
Response: 1843925
Conc: 20.79 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.006 min
Response: 2117034
Conc: 20.88 ug/ml



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

R.T.: 18.313 min
Delta R.T.: -0.002 min
Response: 1981406
Conc: 20.74 ug/ml