

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072120AR\
 Data File : FD034065.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2020 18:09
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:37:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.708	2283667	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
6) S 2-Fluorobiphenyl (SURR)	8.572	1582999	18.676 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.35%
11) S ortho-Terphenyl (SURR)	11.614	2487351	18.385 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2552065	19.323 ug/ml
2) T Naphthalene (C11.7)	6.046	2643919	19.088 ug/ml
3) T 2-Methylnaphthalene (...)	7.098	2644317	18.987 ug/ml
5) T Acenaphthylene (C15.06)	8.376	2492385	18.539 ug/ml
7) T Acenaphthene (C15.5)	8.672	2559917	18.703 ug/ml
8) T Fluorene (C16.55)	9.452	2495401	18.559 ug/ml
9) T Phenanthrene (C19.36)	10.850	2420838	18.114 ug/ml
10) T Anthracene (C19.43)	10.924	2243992	16.911 ug/ml
12) T Fluoranthene (C21.85)	12.662	2361722	17.776 ug/ml
13) T Pyrene (C20.8)	12.961	2284728	17.624 ug/ml
14) T Benzo[a]anthracene (C...	14.829	2138853	17.181 ug/ml
15) T Chrysene (C27.41)	14.872	2151725	17.327 ug/ml
16) T benzo[b]fluoranthene ...	16.379	2061297	17.326 ug/ml
17) T Bnezo[k]fluoranthene ...	16.411	2005764	17.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.758	2015308	17.318 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.119	1991599	17.887 ug/ml
20) T Dibenz[a,h]anthracene...	18.159	2040403	18.467 ug/ml
21) T Benzo[g,h,i]perylene ...	18.375	2007041	18.175 ug/ml

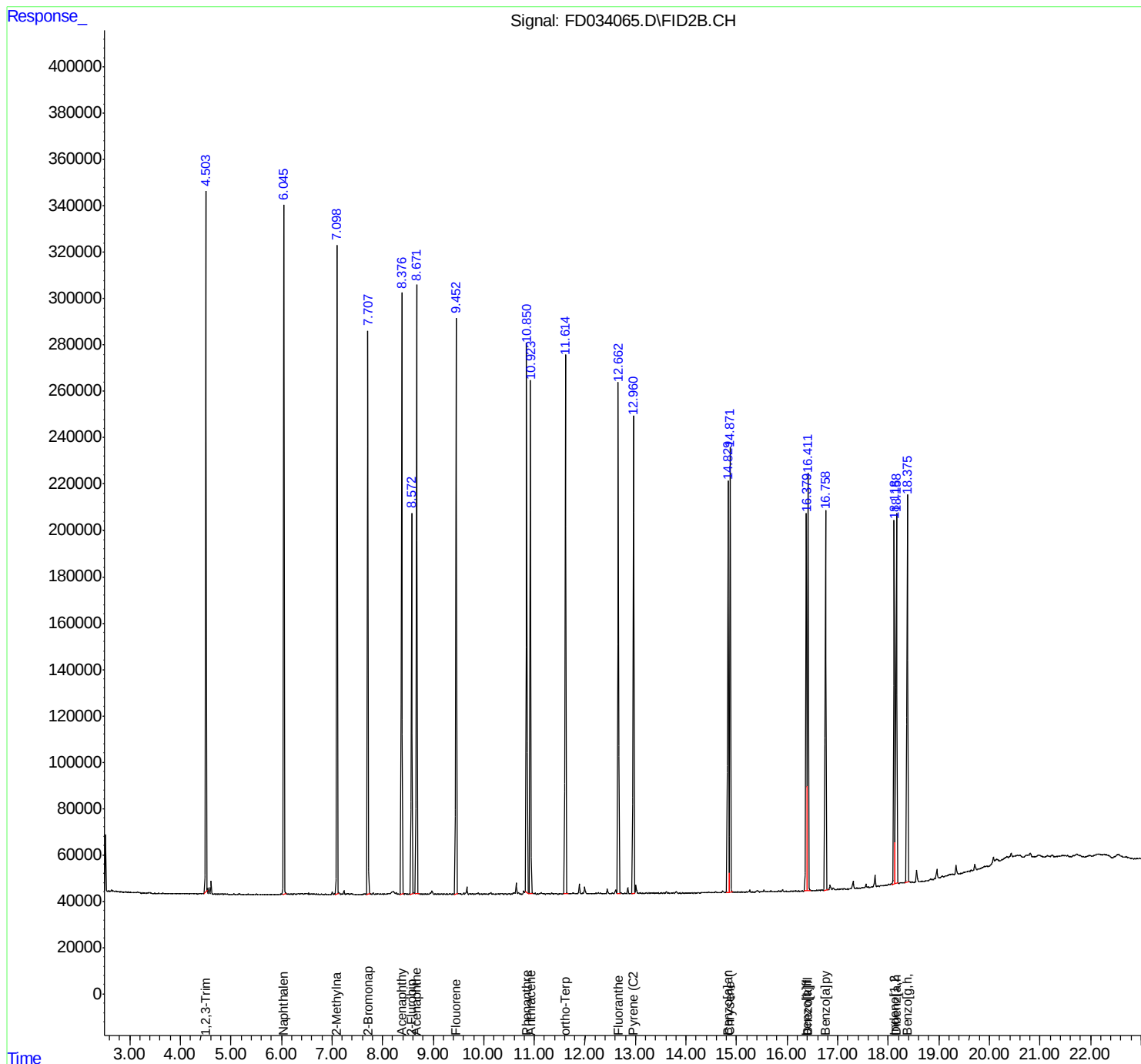
(f)=RT Delta > 1/2 Window

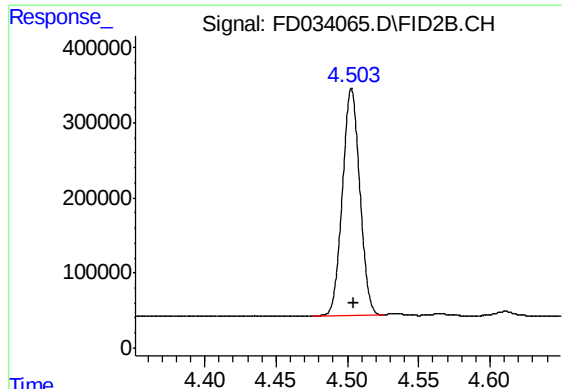
(m)=manual int.

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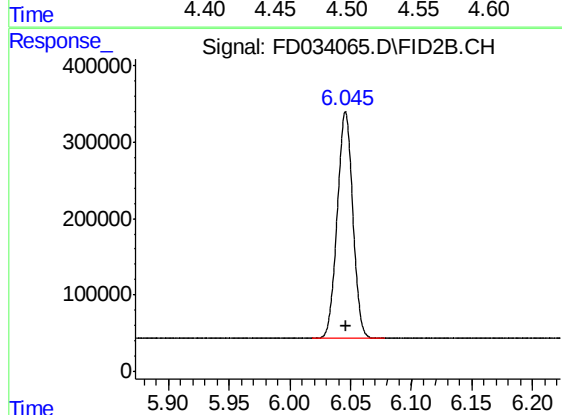
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Signal Info : 20M x 0.18mm x 0.18µm





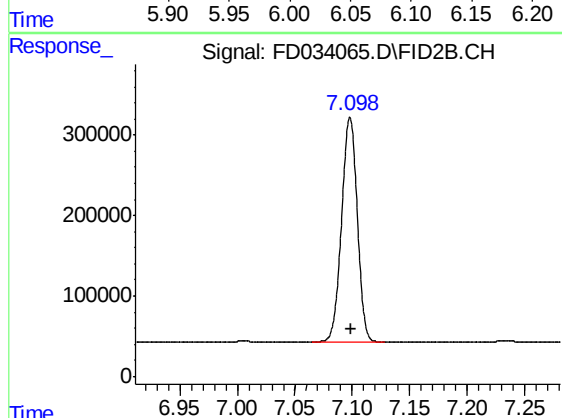
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.001 min
Response: 2552065
Conc: 19.32 ug/ml



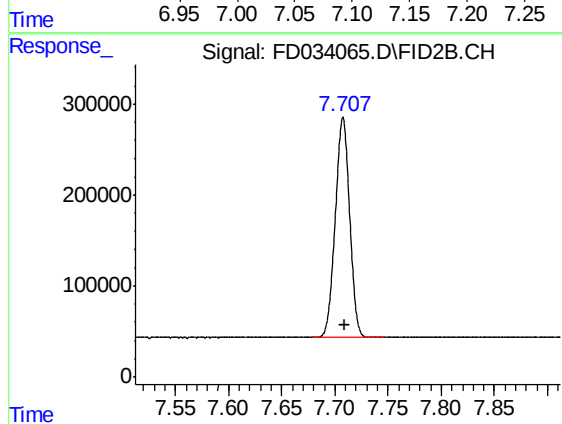
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 2643919
Conc: 19.09 ug/ml



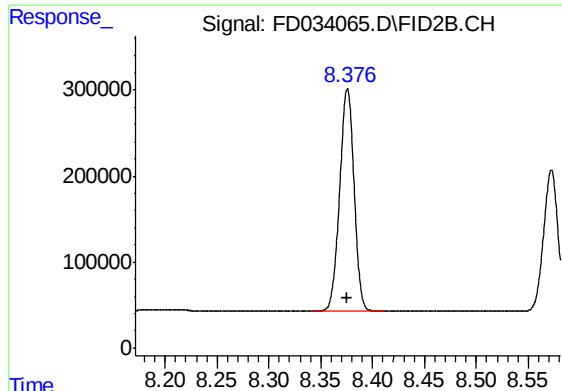
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 2644317
Conc: 18.99 ug/ml



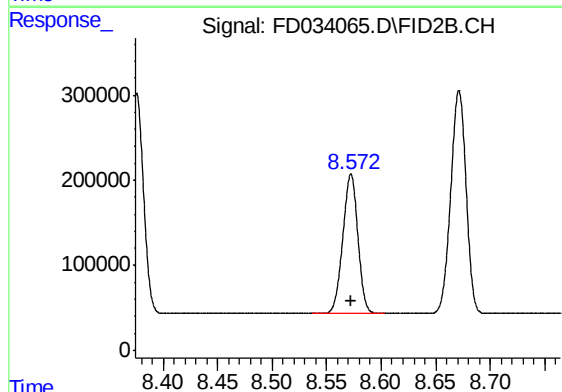
#4 2-Bromonaphthalene (SURR)

R.T.: 7.708 min
Delta R.T.: -0.001 min
Response: 2283667
Conc: 19.01 ug/ml



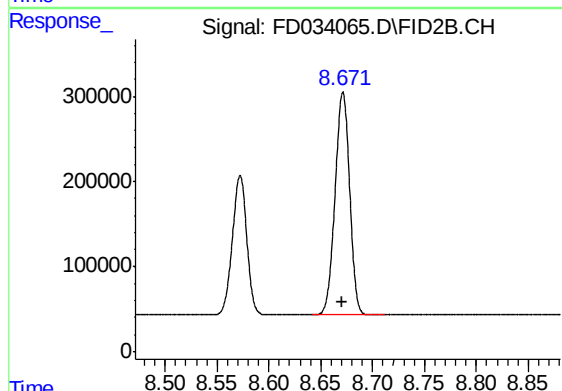
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 2492385
Conc: 18.54 ug/ml



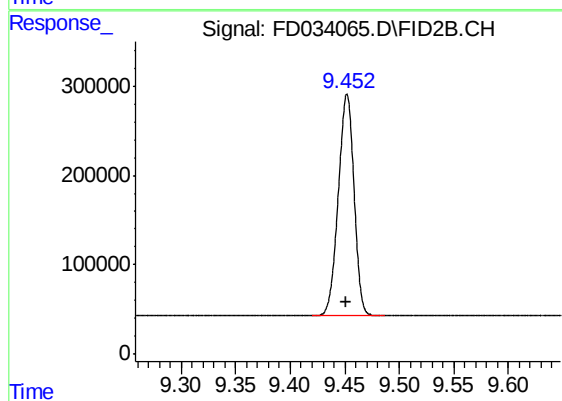
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 1582999
Conc: 18.68 ug/ml



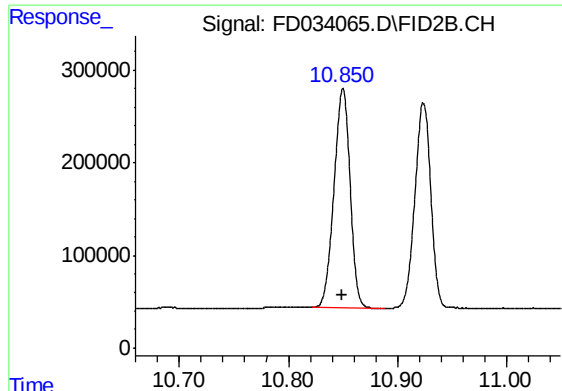
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 2559917
Conc: 18.70 ug/ml



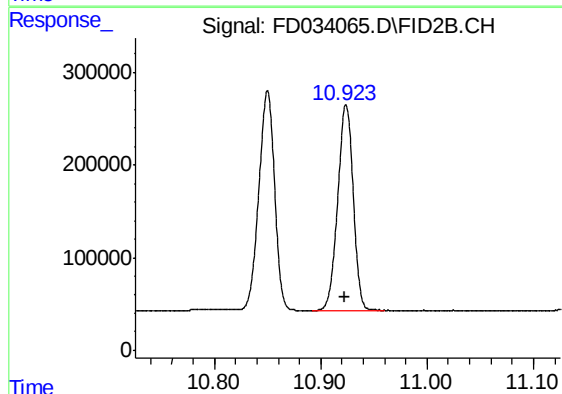
#8 Flouorene (C16.55)

R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 2495401
Conc: 18.56 ug/ml



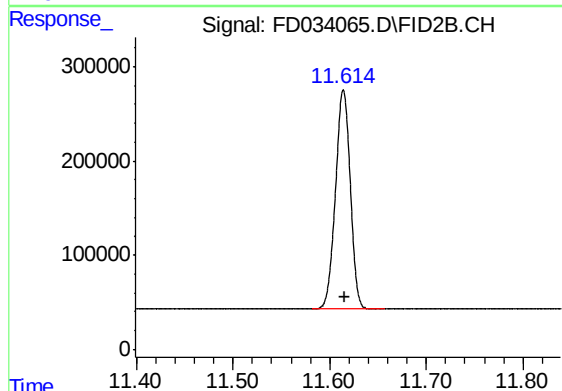
#9 Phenanthrene (C19.36)

R.T.: 10.850 min
Delta R.T.: 0.001 min
Response: 2420838
Conc: 18.11 ug/ml



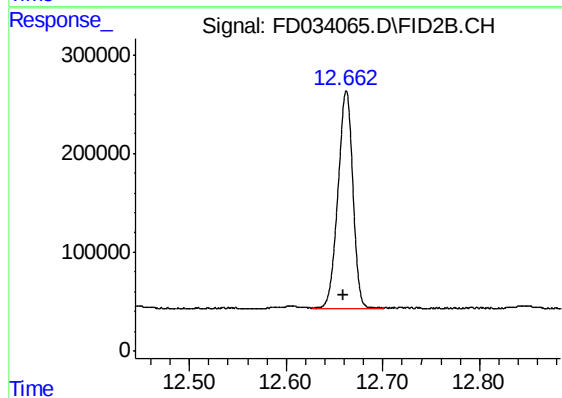
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: 0.001 min
Response: 2243992
Conc: 16.91 ug/ml



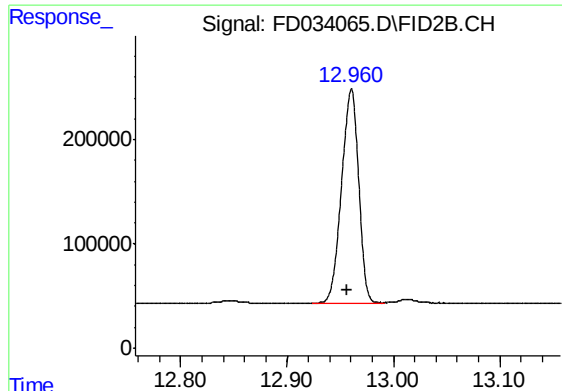
#11 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.002 min
Response: 2487351
Conc: 18.38 ug/ml



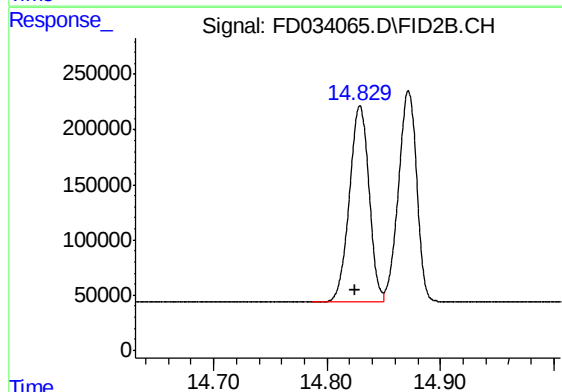
#12 Fluoranthene (C21.85)

R.T.: 12.662 min
Delta R.T.: 0.003 min
Response: 2361722
Conc: 17.78 ug/ml



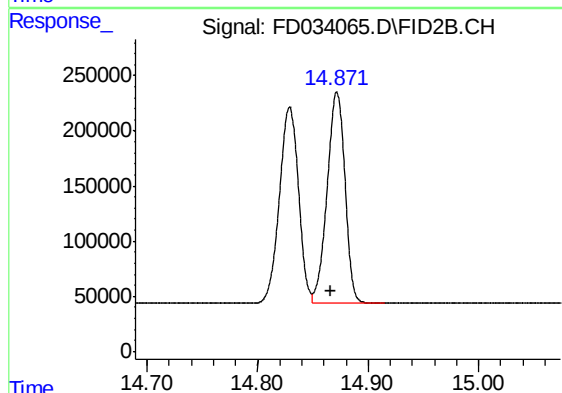
#13 Pyrene (C20.8)

R.T.: 12.961 min
Delta R.T.: 0.004 min
Response: 2284728
Conc: 17.62 ug/ml



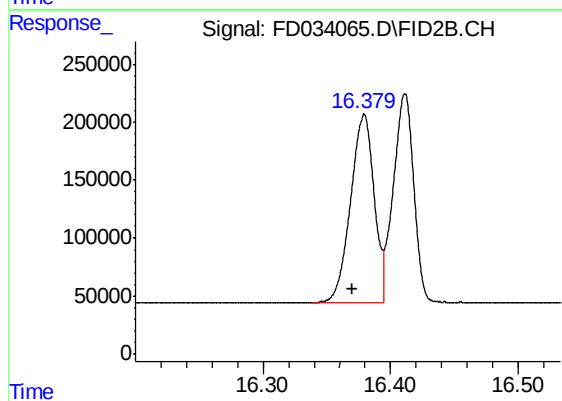
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min
Delta R.T.: 0.005 min
Response: 2138853
Conc: 17.18 ug/ml



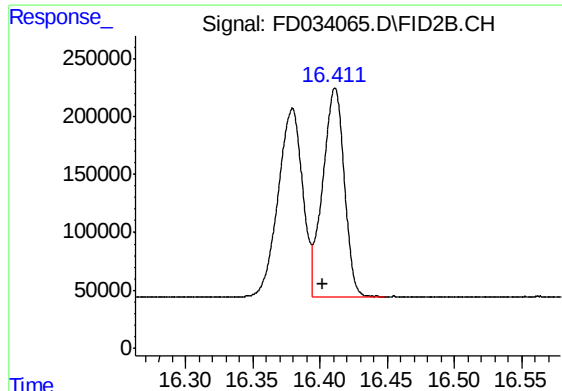
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.006 min
Response: 2151725
Conc: 17.33 ug/ml



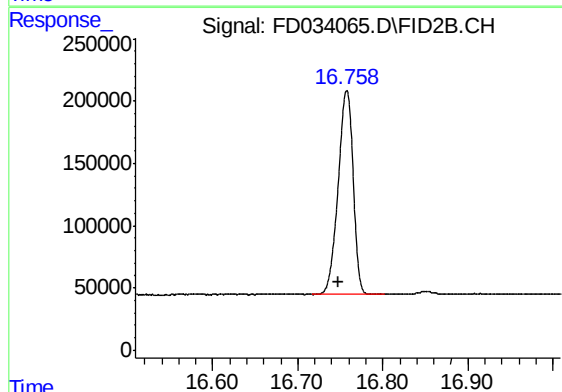
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.379 min
Delta R.T.: 0.009 min
Response: 2061297
Conc: 17.33 ug/ml



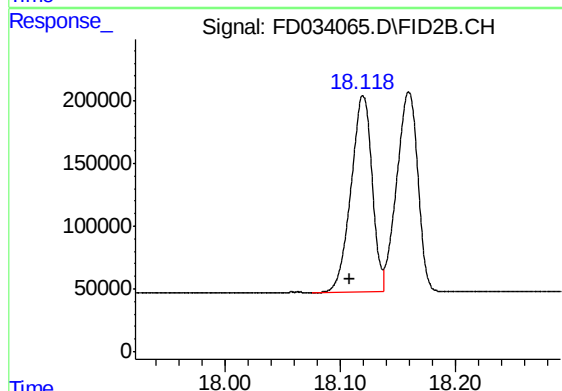
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.411 min
Delta R.T.: 0.009 min
Response: 2005764
Conc: 17.31 ug/ml



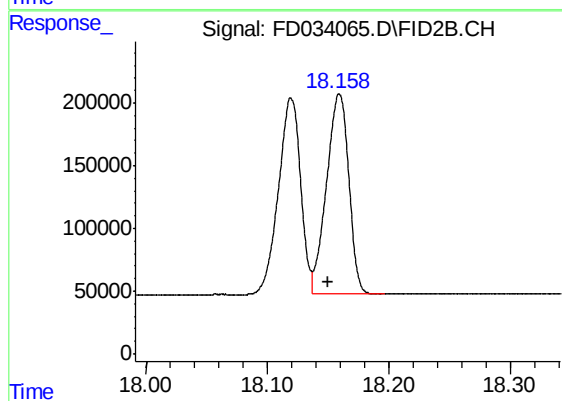
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.758 min
Delta R.T.: 0.010 min
Response: 2015308
Conc: 17.32 ug/ml



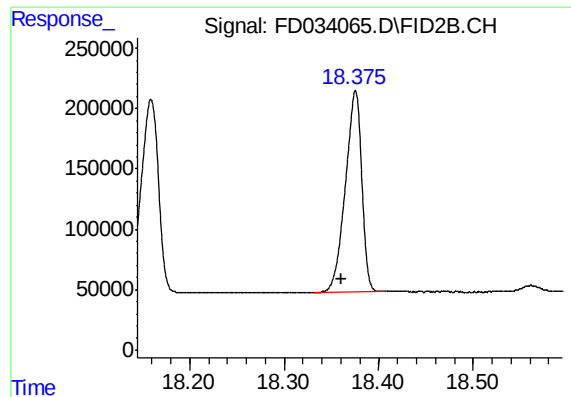
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.011 min
Response: 1991599
Conc: 17.89 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.010 min
Response: 2040403
Conc: 18.47 ug/ml



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

R.T.: 18.375 min
Delta R.T.: 0.015 min
Response: 2007041
Conc: 18.17 ug/ml