

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011019AR\
 Data File : FD027197.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2019 1:28
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 03:48:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.364	1606797	17.009 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
6) S 2-Fluorobiphenyl (SURR)	8.214	1101736	17.276 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.55%
11) S ortho-Terphenyl (SURR)	11.254	1911207	17.930 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	1754155	17.302 ug/ml
2) T Naphthalene (C11.7)	5.700	1862582	17.206 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	1831719	17.145 ug/ml
5) T Acenaphthylene (C15.06)	8.018	1780991	17.316 ug/ml
7) T Acenaphthene (C15.5)	8.313	1863919	17.302 ug/ml
8) T Fluorene (C16.55)	9.091	1861147	17.480 ug/ml
9) T Phenanthrene (C19.36)	10.479	1902999	18.038 ug/ml
10) T Anthracene (C19.43)	10.553	1888276	18.092 ug/ml
12) T Fluoranthene (C21.85)	12.282	1989049	19.099 ug/ml
13) T Pyrene (C20.8)	12.576	2001290	19.381 ug/ml
14) T Benzo[a]anthracene (C...	14.443	1987007	20.260 ug/ml
15) T Chrysene (C27.41)	14.485	1997458	20.316 ug/ml
16) T benzo[b]fluoranthene ...	15.989	2039523	20.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	2047500	20.257 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2024196	20.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.726	1983886	19.010 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	1966977	19.201 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2014841	19.111 ug/ml

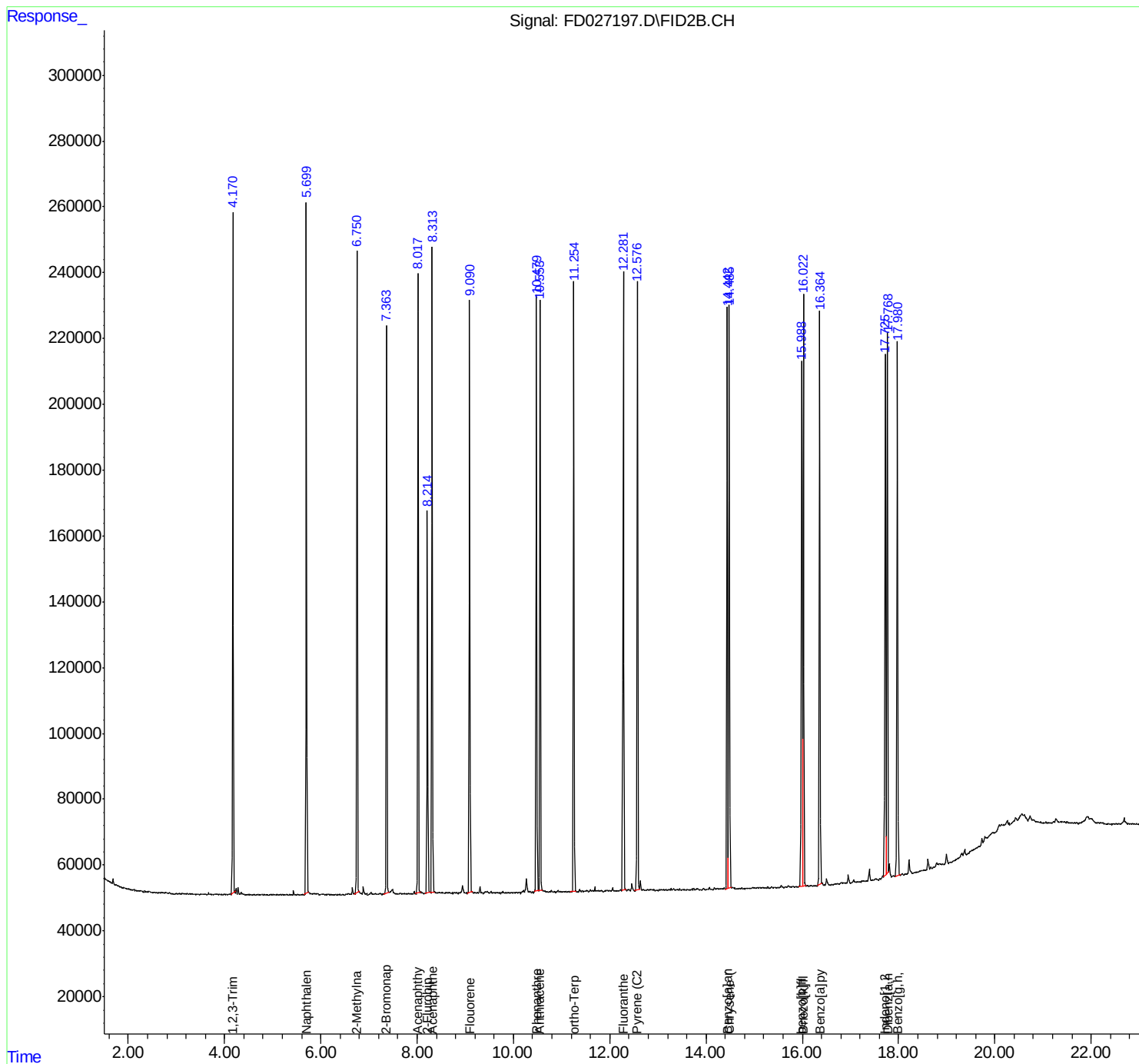
(f)=RT Delta > 1/2 Window

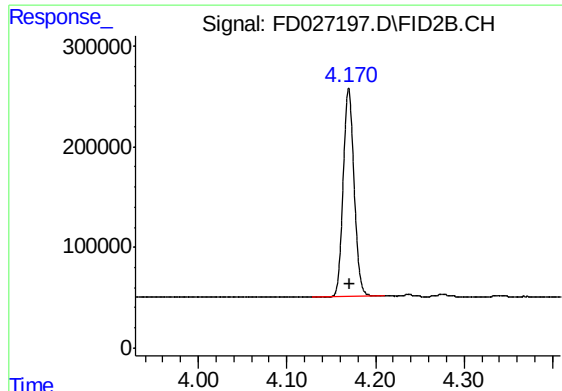
(m)=manual int.

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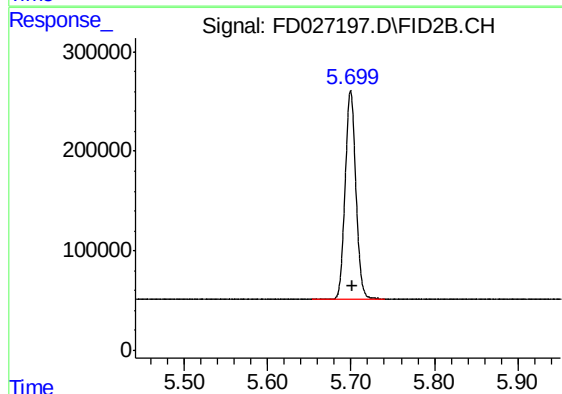
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Signal Info : 20M x 0.18mm x 0.18µm





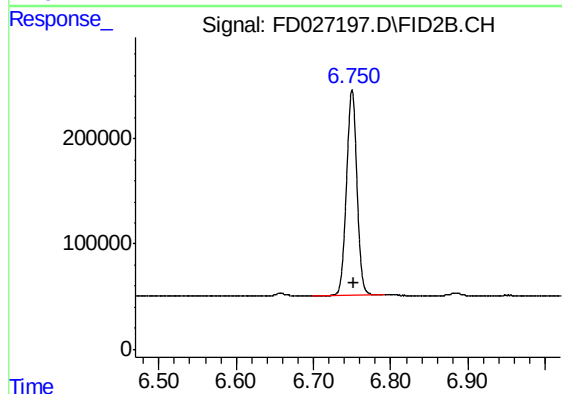
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min
Delta R.T.: -0.001 min
Response: 1754155
Conc: 17.30 ug/ml



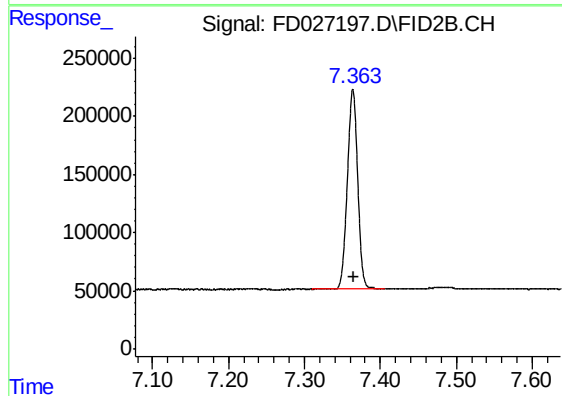
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 1862582
Conc: 17.21 ug/ml



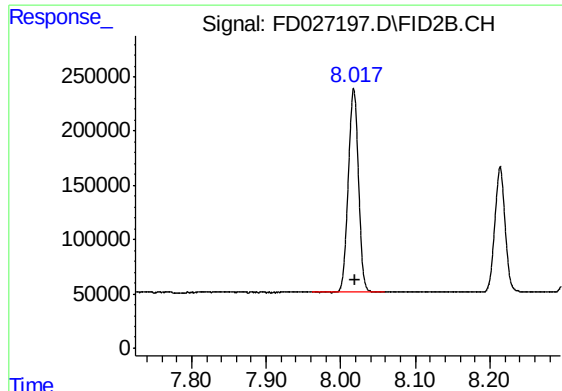
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 1831719
Conc: 17.14 ug/ml



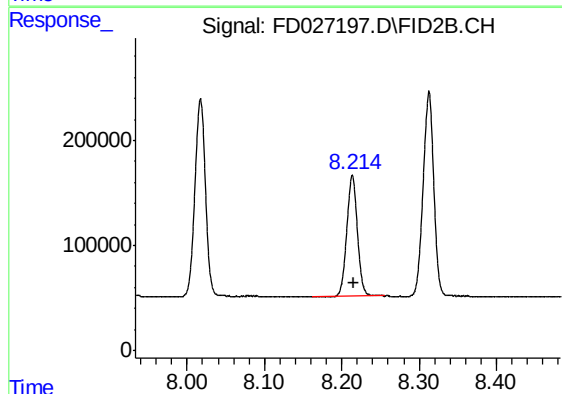
#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 1606797
Conc: 17.01 ug/ml



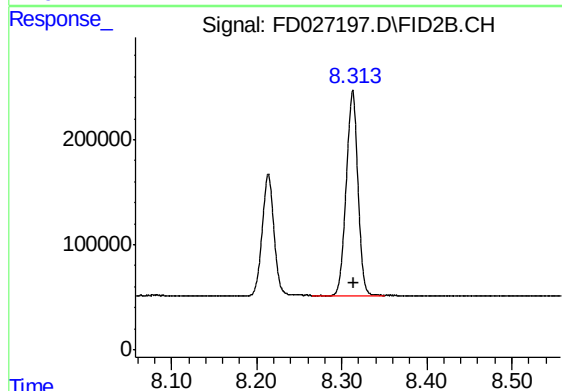
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: -0.002 min
Response: 1780991
Conc: 17.32 ug/ml



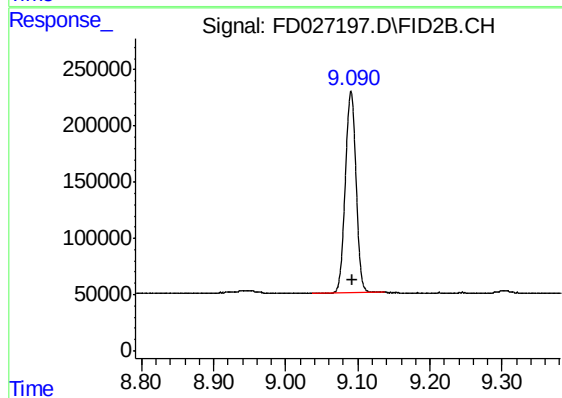
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.002 min
Response: 1101736
Conc: 17.28 ug/ml



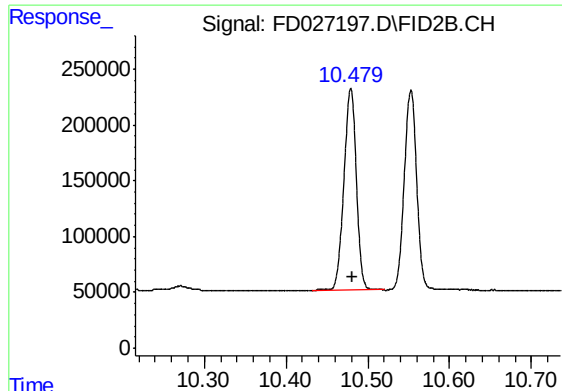
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 1863919
Conc: 17.30 ug/ml



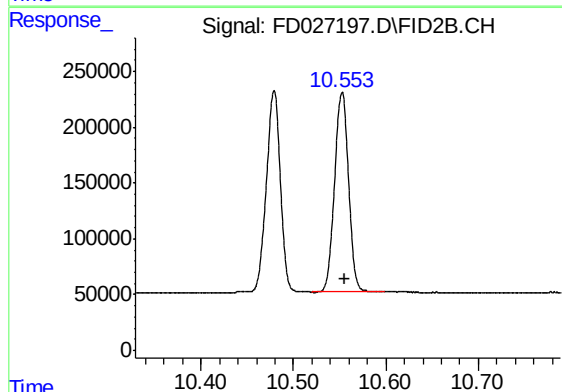
#8 Flouorene (C16.55)

R.T.: 9.091 min
Delta R.T.: -0.002 min
Response: 1861147
Conc: 17.48 ug/ml



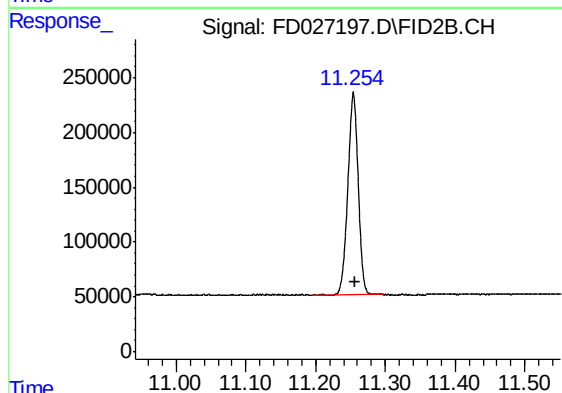
#9 Phenanthrene (C19.36)

R.T.: 10.479 min
Delta R.T.: -0.001 min
Response: 1902999
Conc: 18.04 ug/ml



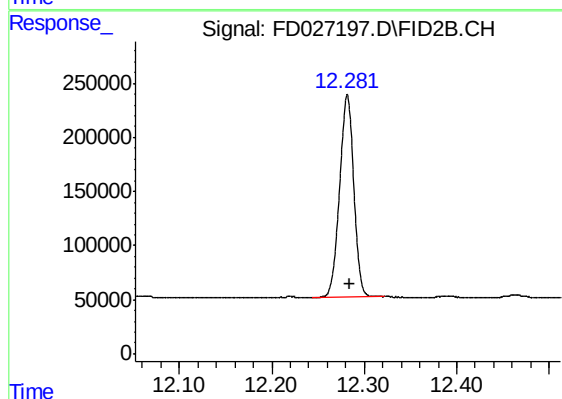
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.002 min
Response: 1888276
Conc: 18.09 ug/ml



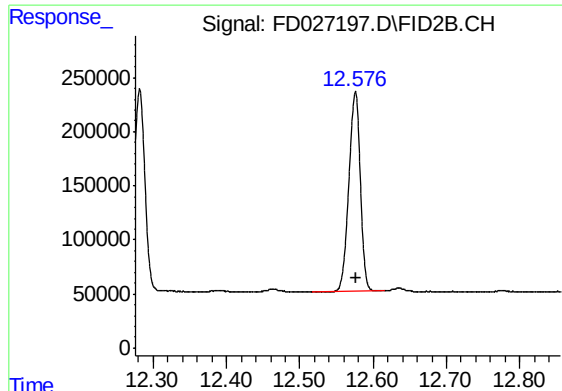
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 1911207
Conc: 17.93 ug/ml



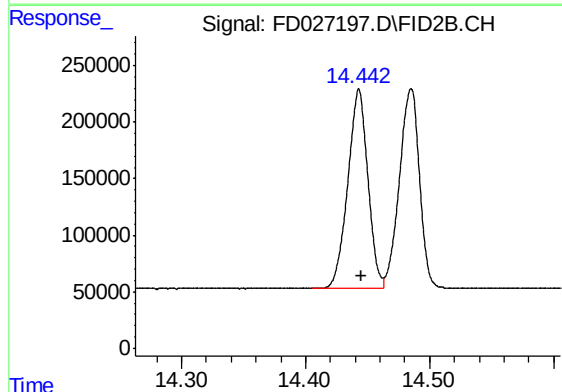
#12 Fluoranthene (C21.85)

R.T.: 12.282 min
Delta R.T.: -0.002 min
Response: 1989049
Conc: 19.10 ug/ml



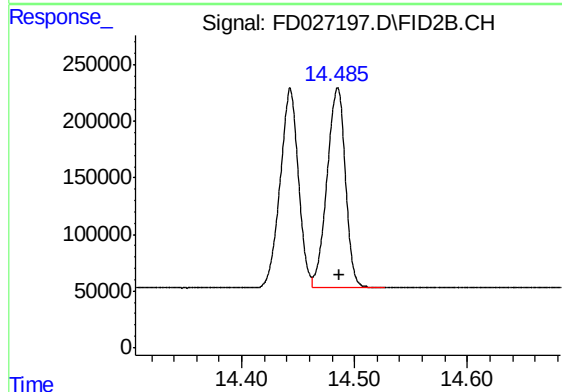
#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: -0.002 min
Response: 2001290
Conc: 19.38 ug/ml



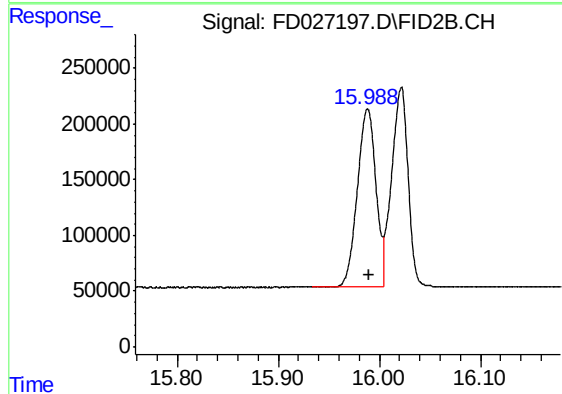
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.002 min
Response: 1987007
Conc: 20.26 ug/ml



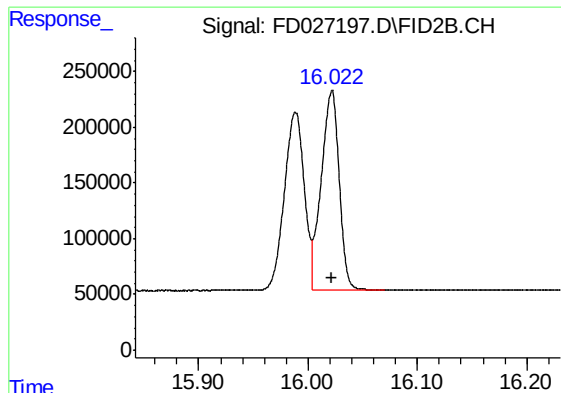
#15 Chrysene (C27.41)

R.T.: 14.485 min
Delta R.T.: -0.002 min
Response: 1997458
Conc: 20.32 ug/ml



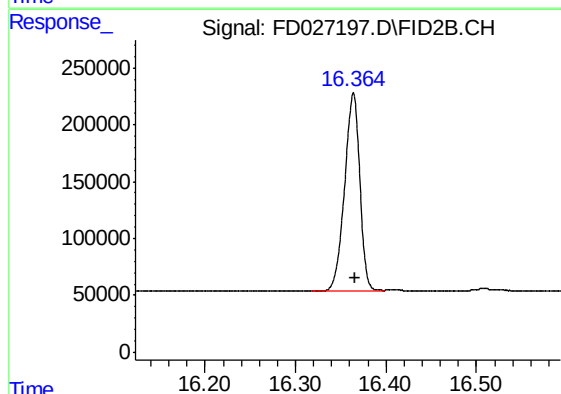
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.989 min
Delta R.T.: 0.000 min
Response: 2039523
Conc: 20.18 ug/ml



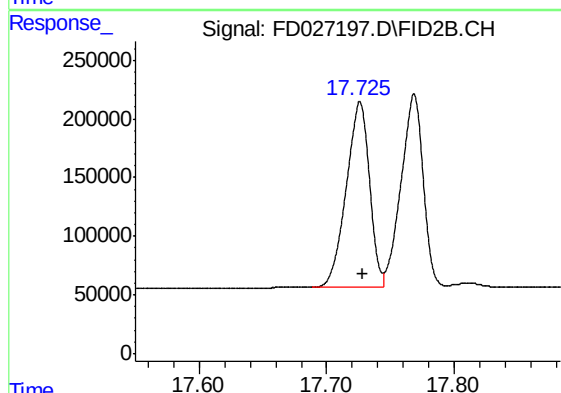
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 2047500
Conc: 20.26 ug/ml



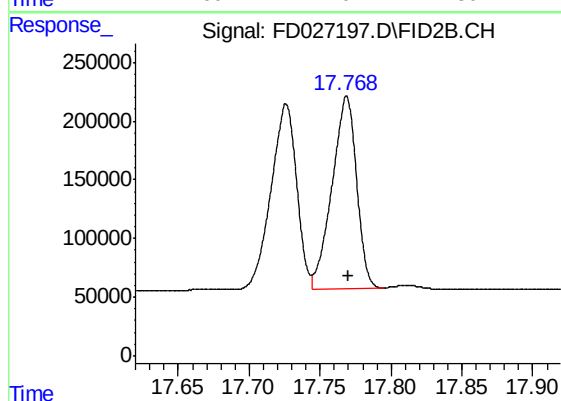
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.002 min
Response: 2024196
Conc: 20.02 ug/ml



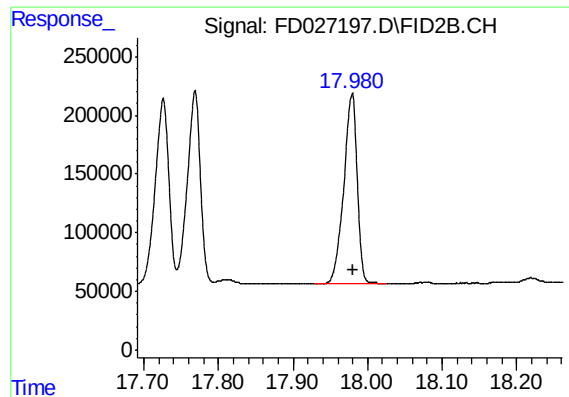
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.726 min
Delta R.T.: -0.002 min
Response: 1983886
Conc: 19.01 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.002 min
Response: 1966977
Conc: 19.20 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.000 min
Response: 2014841
Conc: 19.11 ug/ml