

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040219AR\
 Data File : FD028596.D
 Signal(s) : FID2B.CH
 Acq On : 02 Apr 2019 13:45
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 03 03:08:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 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...	7.110	1782508	18.788 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
6) S 2-Fluorobiphenyl (SURR)	7.978	1215108	18.639 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.28%
11) S ortho-Terphenyl (SURR)	11.018	2009067	18.056 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.931	1893612	19.357 ug/ml
2) T Naphthalene (C11.7)	5.455	2032276	19.075 ug/ml
3) T 2-Methylnaphthalene (...)	6.502	2021371	18.894 ug/ml
5) T Acenaphthylene (C15.06)	7.781	1926593	18.605 ug/ml
7) T Acenaphthene (C15.5)	8.077	2016340	18.588 ug/ml
8) T Fluorene (C16.55)	8.857	2007239	18.463 ug/ml
9) T Phenanthrene (C19.36)	10.256	1960580	18.105 ug/ml
10) T Anthracene (C19.43)	10.330	1946977	18.124 ug/ml
12) T Fluoranthene (C21.85)	12.068	1956004	18.092 ug/ml
13) T Pyrene (C20.8)	12.367	1948465	18.094 ug/ml
14) T Benzo[a]anthracene (C...	14.234	1913075	18.246 ug/ml
15) T Chrysene (C27.41)	14.277	1912310	18.264 ug/ml
16) T benzo[b]fluoranthene ...	15.782	1957306	18.058 ug/ml
17) T Bnezo[k]fluoranthene ...	15.815	1948194	18.154 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.161	1952887	18.049 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.523	1974537	17.867 ug/ml
20) T Dibenz[a,h]anthracene...	17.562	1946366	18.106 ug/ml
21) T Benzo[g,h,i]perylene ...	17.779	1966061	18.141 ug/ml

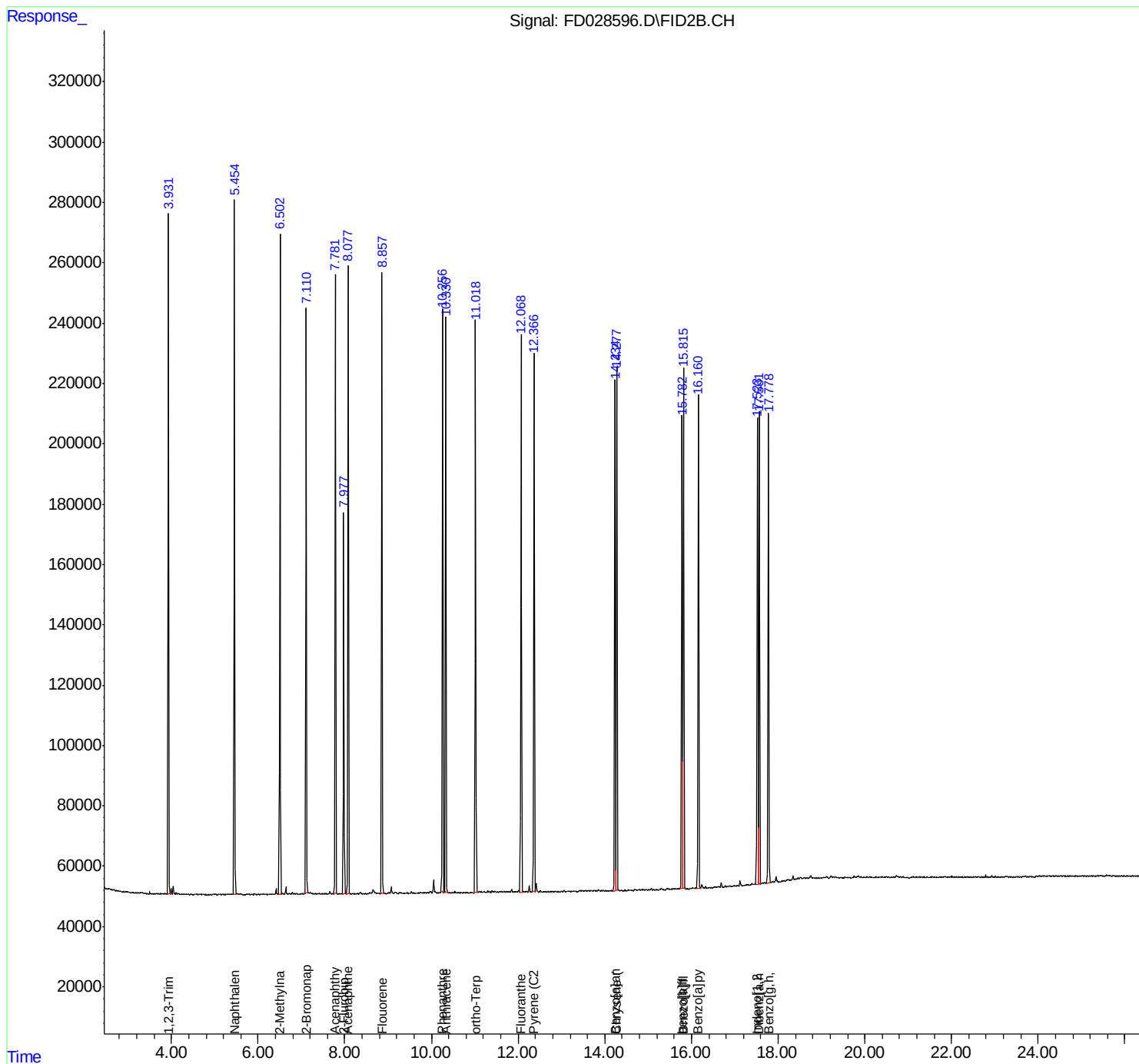
(f)=RT Delta > 1/2 Window

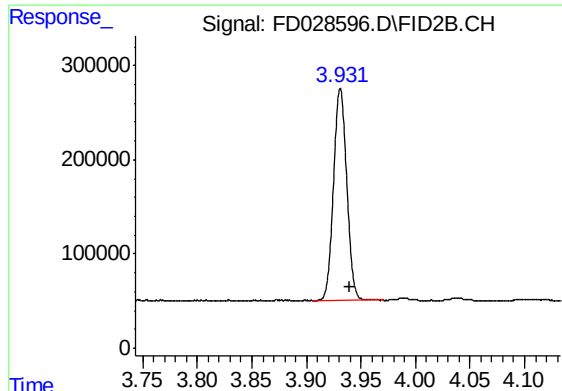
(m)=manual int.

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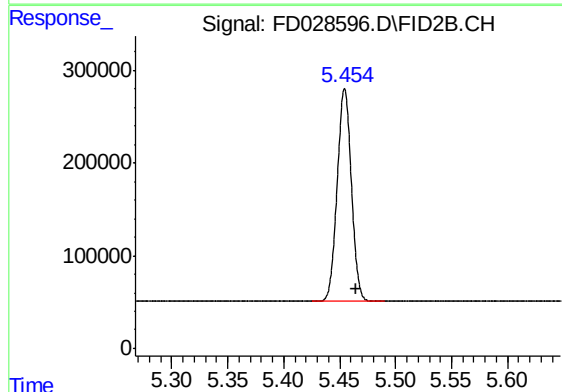
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Signal Info : 20M x 0.18mm x 0.18µm





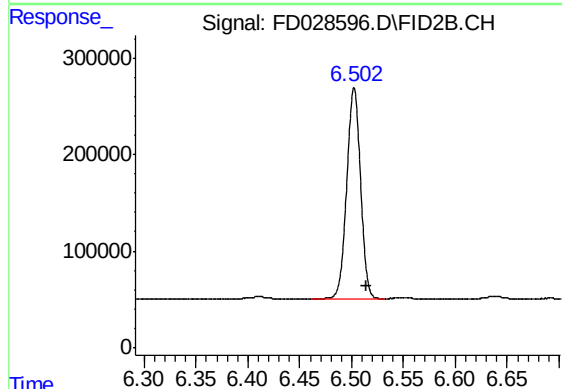
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.931 min
Delta R.T.: -0.009 min
Response: 1893612
Conc: 19.36 ug/ml



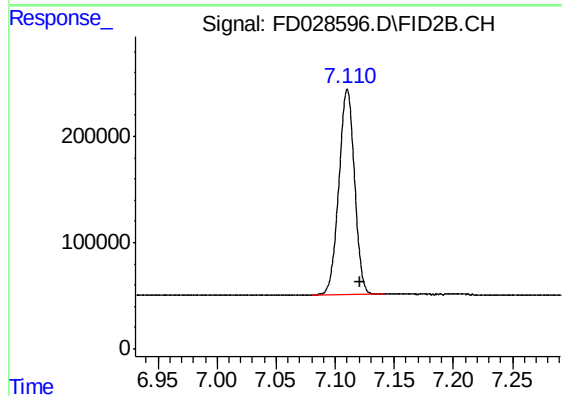
#2 Naphthalene (C11.7)

R.T.: 5.455 min
Delta R.T.: -0.010 min
Response: 2032276
Conc: 19.08 ug/ml



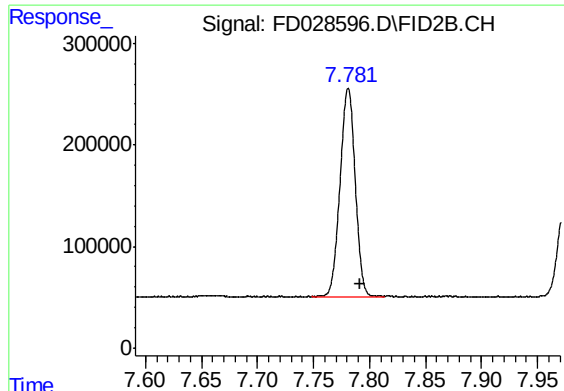
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.502 min
Delta R.T.: -0.011 min
Response: 2021371
Conc: 18.89 ug/ml



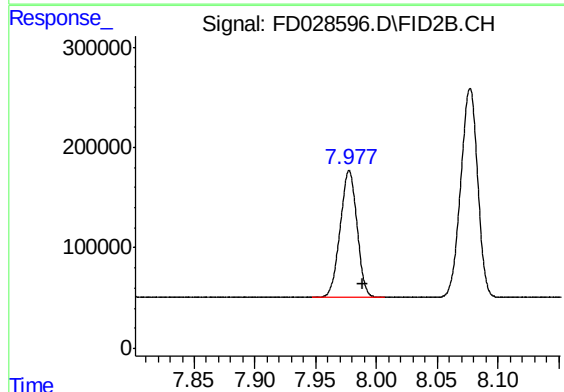
#4 2-Bromonaphthalene (SURR)

R.T.: 7.110 min
Delta R.T.: -0.011 min
Response: 1782508
Conc: 18.79 ug/ml



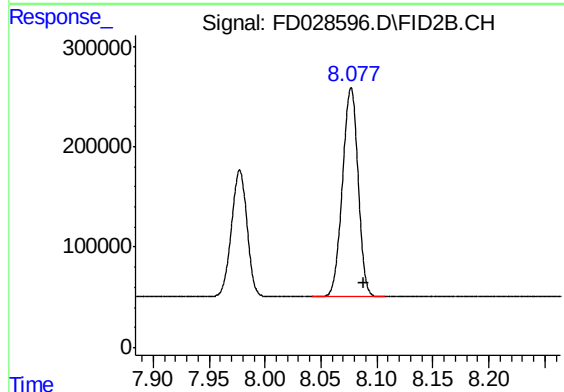
#5 Acenaphthylene (C15.06)

R.T.: 7.781 min
Delta R.T.: -0.011 min
Response: 1926593
Conc: 18.60 ug/ml



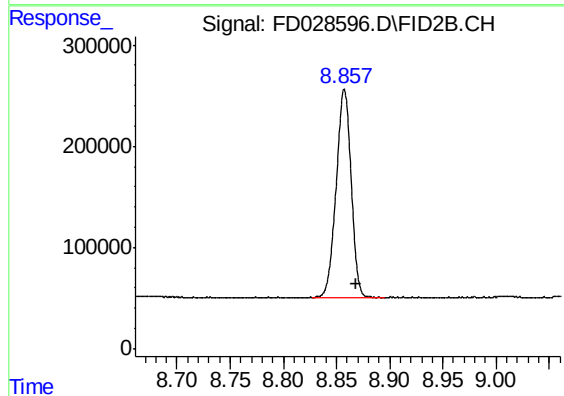
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.978 min
Delta R.T.: -0.011 min
Response: 1215108
Conc: 18.64 ug/ml



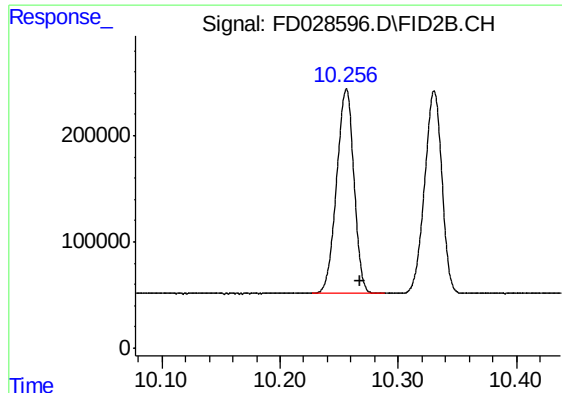
#7 Acenaphthene (C15.5)

R.T.: 8.077 min
Delta R.T.: -0.011 min
Response: 2016340
Conc: 18.59 ug/ml



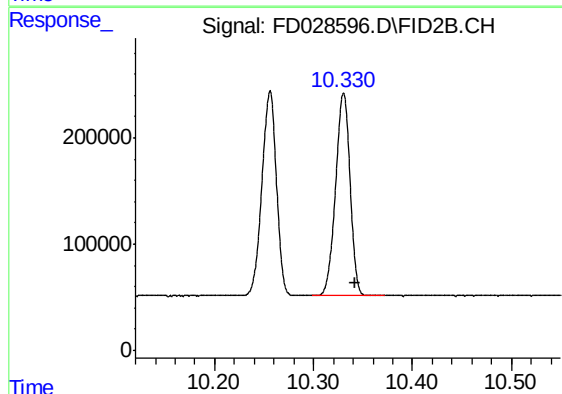
#8 Flouorene (C16.55)

R.T.: 8.857 min
Delta R.T.: -0.011 min
Response: 2007239
Conc: 18.46 ug/ml



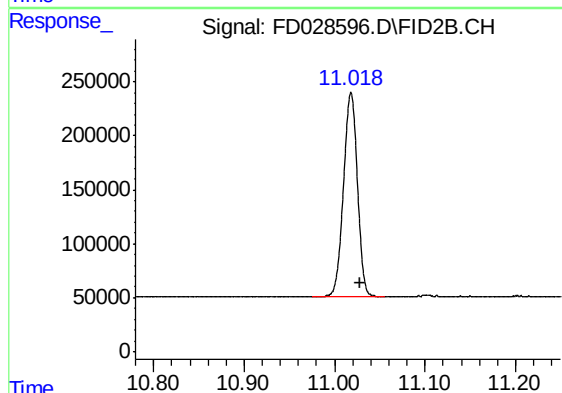
#9 Phenanthrene (C19.36)

R.T.: 10.256 min
Delta R.T.: -0.011 min
Response: 1960580
Conc: 18.11 ug/ml



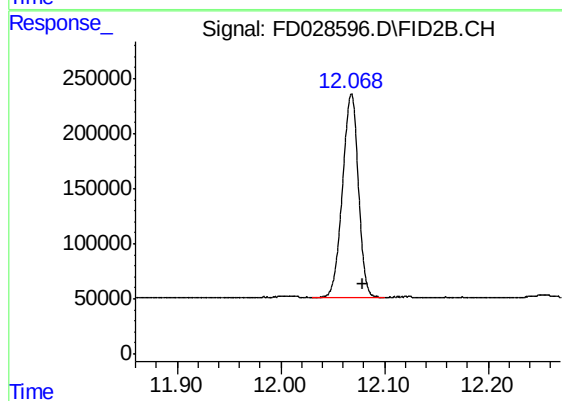
#10 Anthracene (C19.43)

R.T.: 10.330 min
Delta R.T.: -0.011 min
Response: 1946977
Conc: 18.12 ug/ml



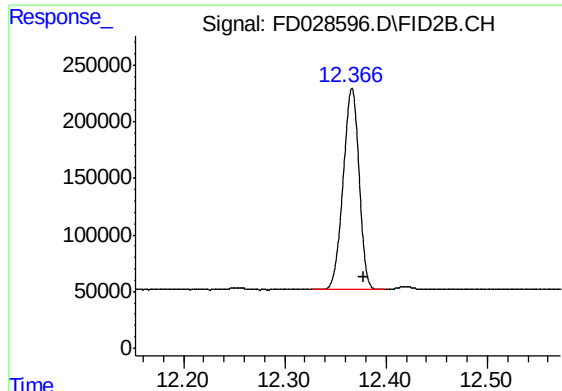
#11 ortho-Terphenyl (SURR)

R.T.: 11.018 min
Delta R.T.: -0.010 min
Response: 2009067
Conc: 18.06 ug/ml



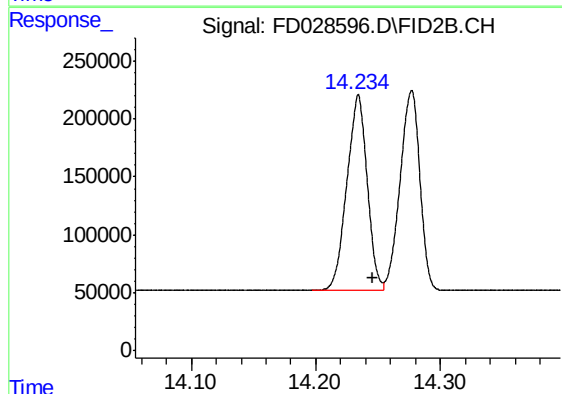
#12 Fluoranthene (C21.85)

R.T.: 12.068 min
Delta R.T.: -0.011 min
Response: 1956004
Conc: 18.09 ug/ml



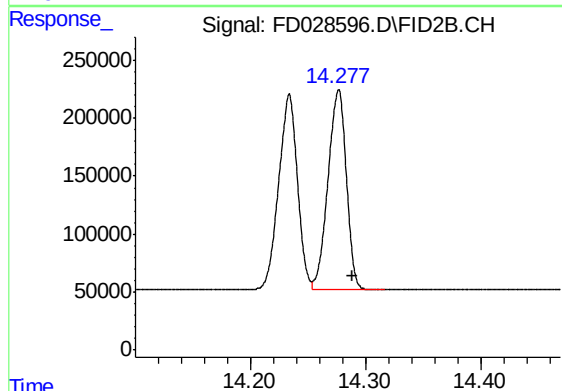
#13 Pyrene (C20.8)

R.T.: 12.367 min
Delta R.T.: -0.012 min
Response: 1948465
Conc: 18.09 ug/ml



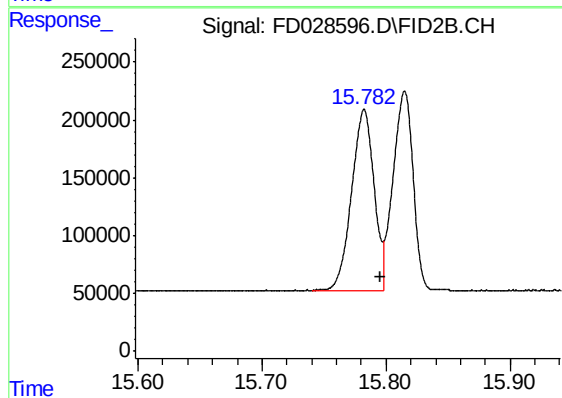
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.234 min
Delta R.T.: -0.012 min
Response: 1913075
Conc: 18.25 ug/ml



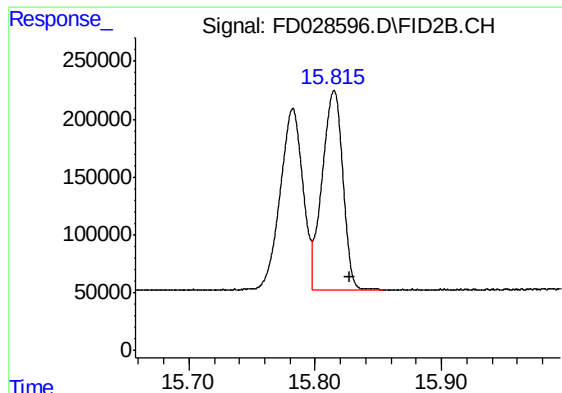
#15 Chrysene (C27.41)

R.T.: 14.277 min
Delta R.T.: -0.011 min
Response: 1912310
Conc: 18.26 ug/ml



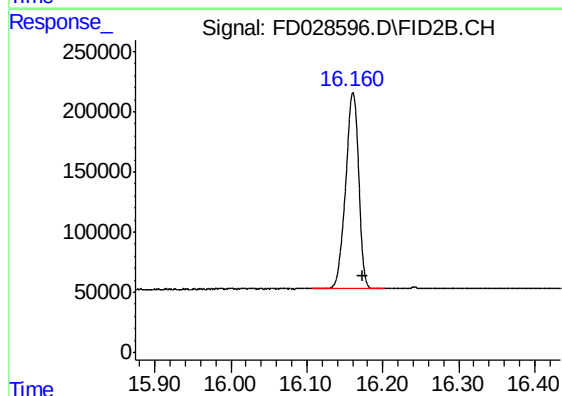
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.782 min
Delta R.T.: -0.013 min
Response: 1957306
Conc: 18.06 ug/ml



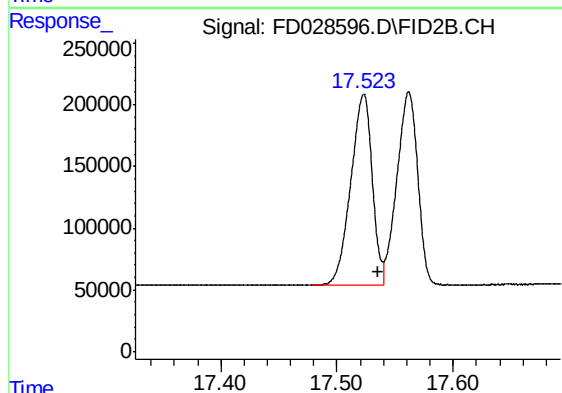
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.815 min
Delta R.T.: -0.012 min
Response: 1948194
Conc: 18.15 ug/ml



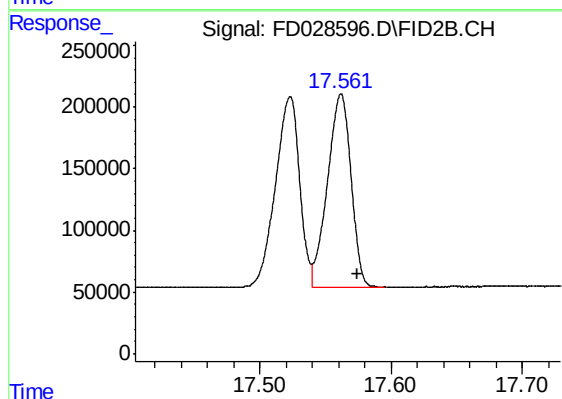
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.161 min
Delta R.T.: -0.013 min
Response: 1952887
Conc: 18.05 ug/ml



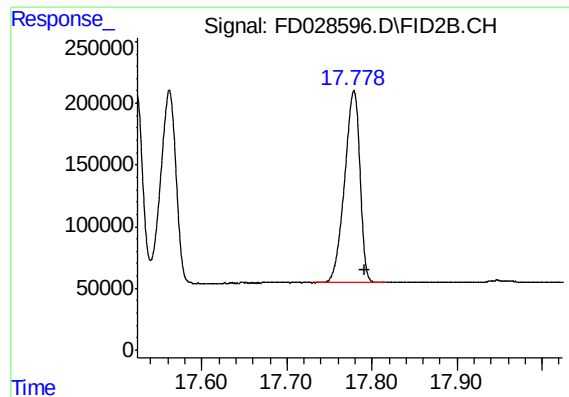
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.523 min
Delta R.T.: -0.012 min
Response: 1974537
Conc: 17.87 ug/ml



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

R.T.: 17.562 min
Delta R.T.: -0.012 min
Response: 1946366
Conc: 18.11 ug/ml



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

R.T.: 17.779 min
Delta R.T.: -0.013 min
Response: 1966061
Conc: 18.14 ug/ml