

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012819AR\
 Data File : FD027518.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2019 17:02
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 03:03:20 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...	7.348	1549240	16.400 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
6) S 2-Fluorobiphenyl (SURR)	8.196	1098008	17.218 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.44%
11) S ortho-Terphenyl (SURR)	11.236	1911295	17.931 ug/ml
Spiked Amount 50.000		Recovery =	35.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	1685055	16.620 ug/ml
2) T Naphthalene (C11.7)	5.684	1774094	16.389 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	1768271	16.551 ug/ml
5) T Acenaphthylene (C15.06)	8.001	1761194	17.123 ug/ml
7) T Acenaphthene (C15.5)	8.295	1847663	17.151 ug/ml
8) T Fluorene (C16.55)	9.073	1849471	17.371 ug/ml
9) T Phenanthrene (C19.36)	10.460	1920130	18.200 ug/ml
10) T Anthracene (C19.43)	10.534	1881863	18.031 ug/ml
12) T Fluoranthene (C21.85)	12.264	1993207	19.139 ug/ml
13) T Pyrene (C20.8)	12.557	1996071	19.331 ug/ml
14) T Benzo[a]anthracene (C...	14.424	1965574	20.041 ug/mlm
15) T Chrysene (C27.41)	14.466	1989069	20.231 ug/ml
16) T benzo[b]fluoranthene ...	15.967	1989112	19.678 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.000	2034335	20.127 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.342	1966616	19.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.702	1695109	16.243 ug/mlm
20) T Dibenz[a,h]anthracene...	17.743	1967475	19.206 ug/ml
21) T Benzo[g,h,i]perylene ...	17.952	1744054	16.543 ug/mlm

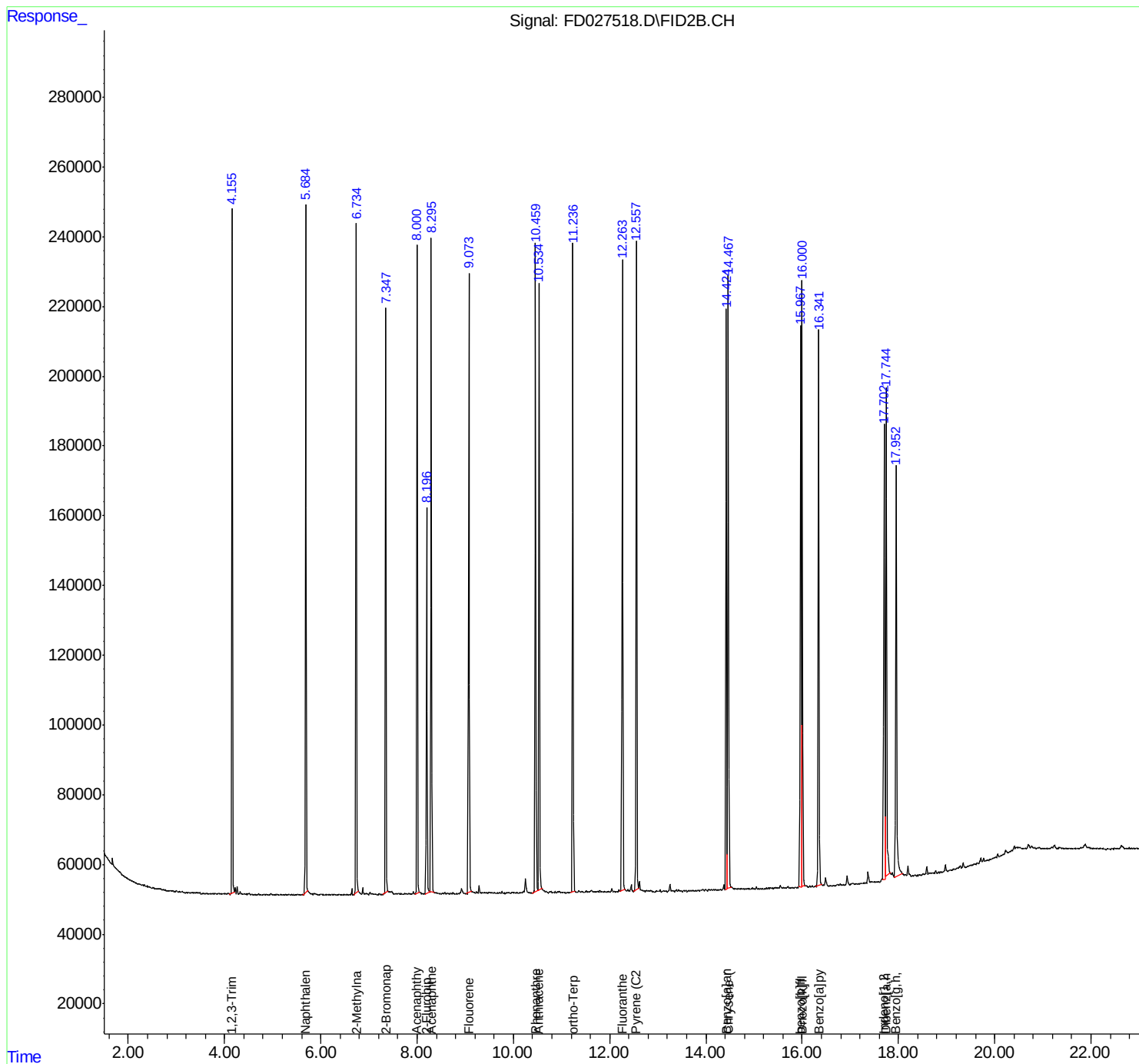
(f)=RT Delta > 1/2 Window

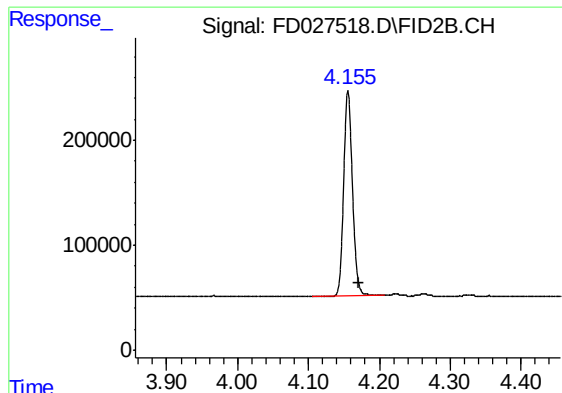
(m)=manual int.

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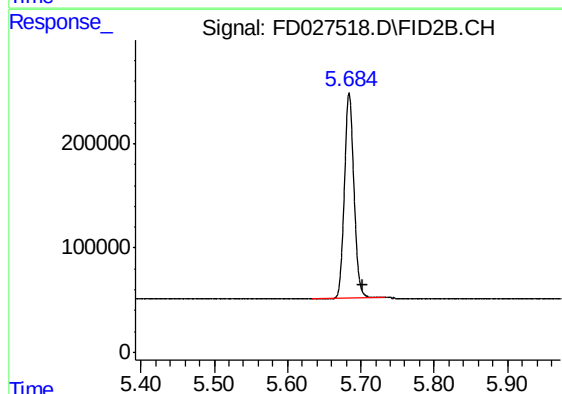
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Signal Info : 20M x 0.18mm x 0.18µm





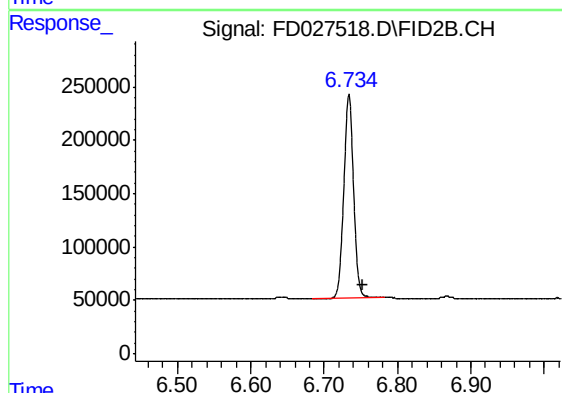
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.015 min
Response: 1685055
Conc: 16.62 ug/ml



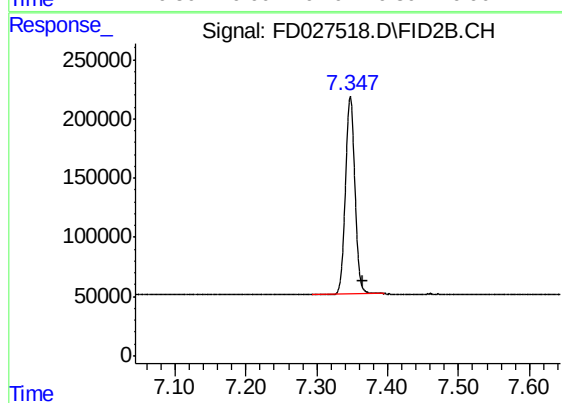
#2 Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.018 min
Response: 1774094
Conc: 16.39 ug/ml



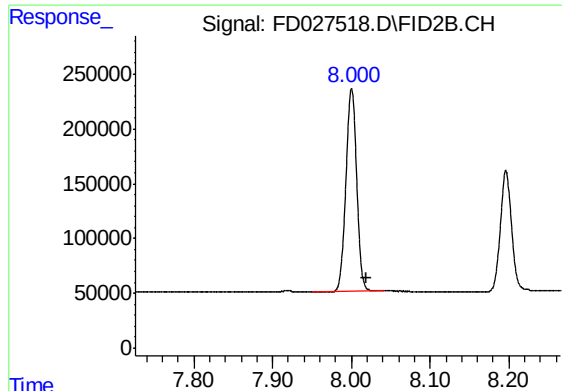
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.019 min
Response: 1768271
Conc: 16.55 ug/ml



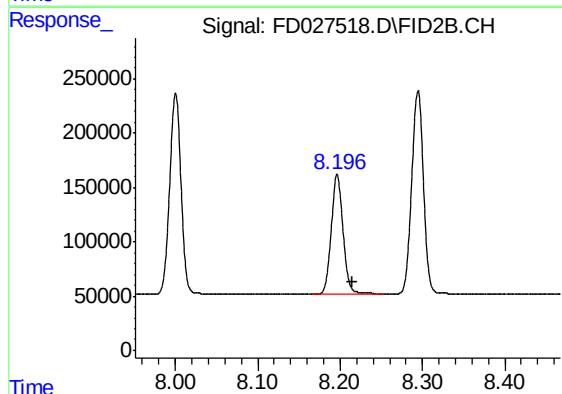
#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.018 min
Response: 1549240
Conc: 16.40 ug/ml



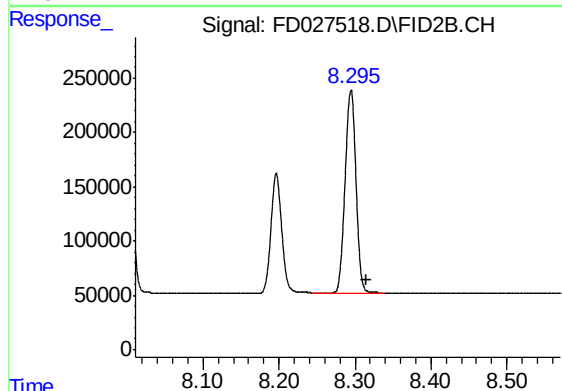
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.019 min
Response: 1761194
Conc: 17.12 ug/ml



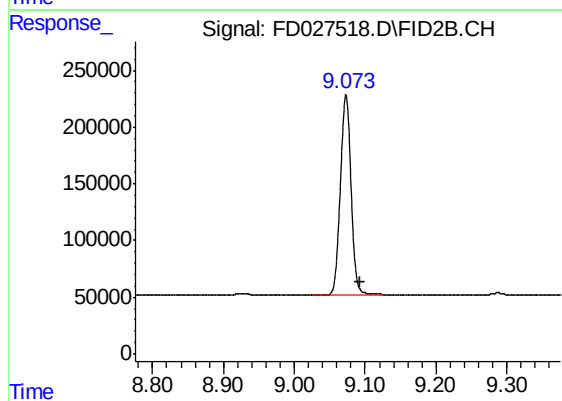
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.019 min
Response: 1098008
Conc: 17.22 ug/ml m



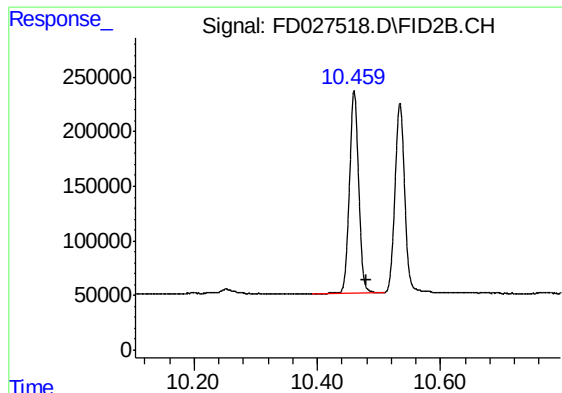
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.020 min
Response: 1847663
Conc: 17.15 ug/ml



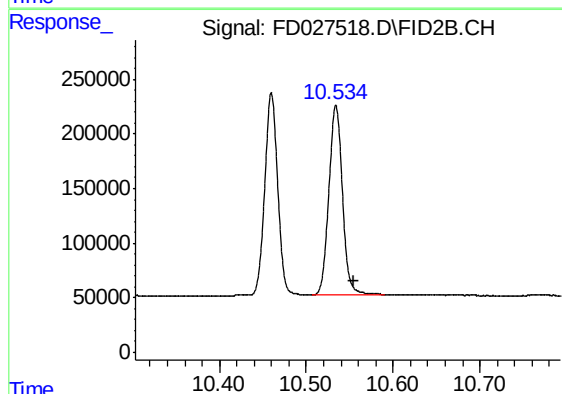
#8 Flouorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 1849471
Conc: 17.37 ug/ml



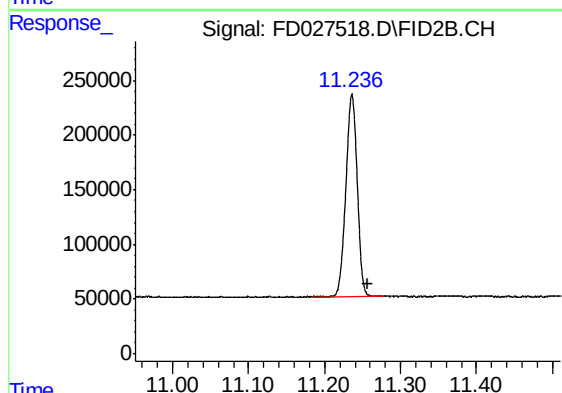
#9 Phenanthrene (C19.36)

R.T.: 10.460 min
Delta R.T.: -0.021 min
Response: 1920130
Conc: 18.20 ug/ml



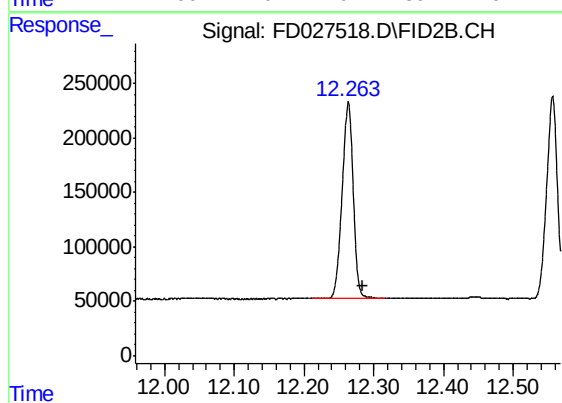
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.021 min
Response: 1881863
Conc: 18.03 ug/ml



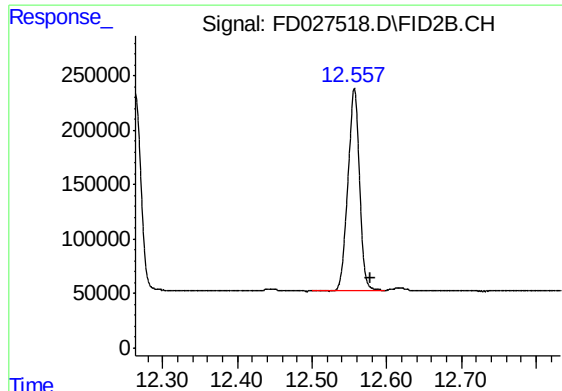
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: -0.021 min
Response: 1911295
Conc: 17.93 ug/ml



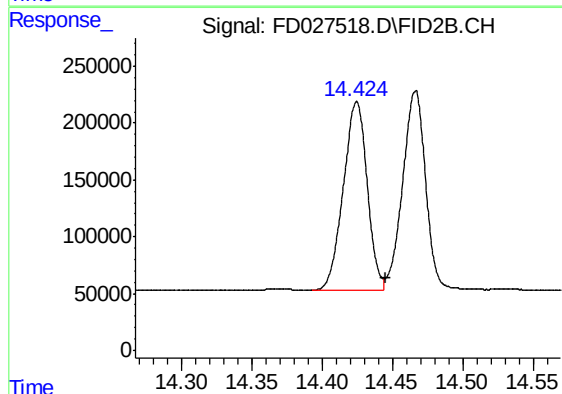
#12 Fluoranthene (C21.85)

R.T.: 12.264 min
Delta R.T.: -0.021 min
Response: 1993207
Conc: 19.14 ug/ml



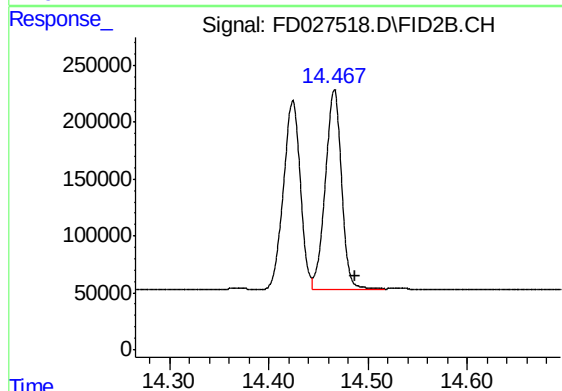
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.021 min
Response: 1996071
Conc: 19.33 ug/ml



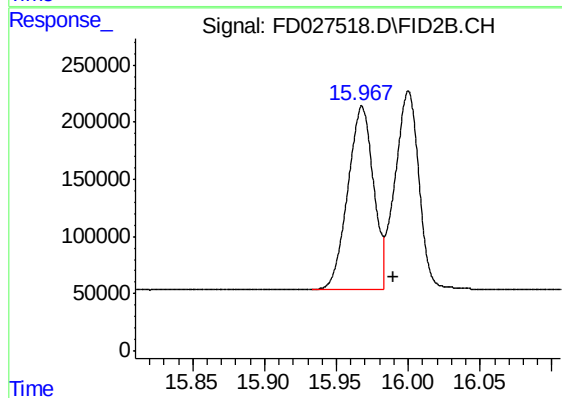
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: -0.021 min
Response: 1965574
Conc: 20.04 ug/ml m



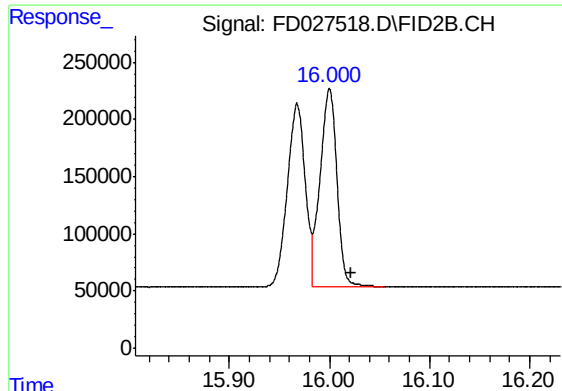
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.021 min
Response: 1989069
Conc: 20.23 ug/ml



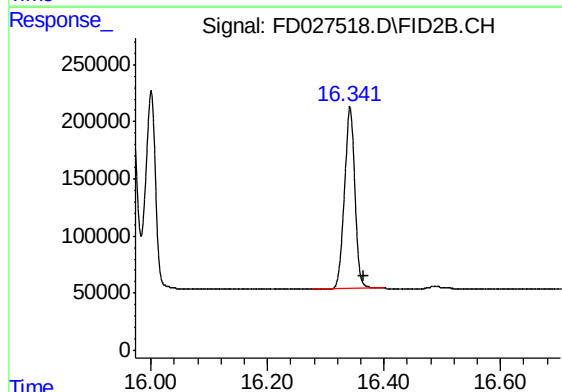
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.967 min
Delta R.T.: -0.022 min
Response: 1989112
Conc: 19.68 ug/ml m



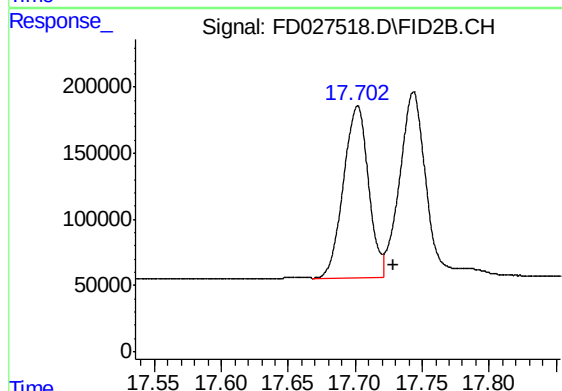
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.000 min
Delta R.T.: -0.022 min
Response: 2034335
Conc: 20.13 ug/ml



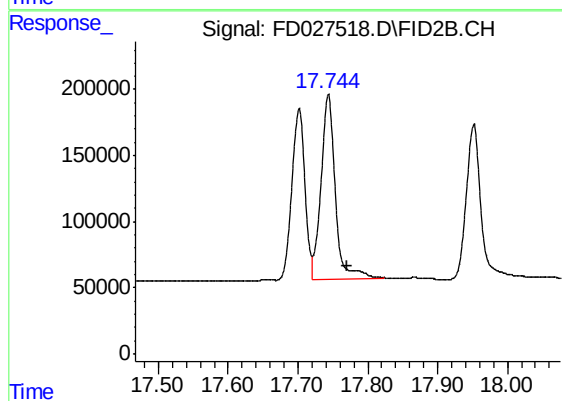
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.342 min
Delta R.T.: -0.024 min
Response: 1966616
Conc: 19.45 ug/ml



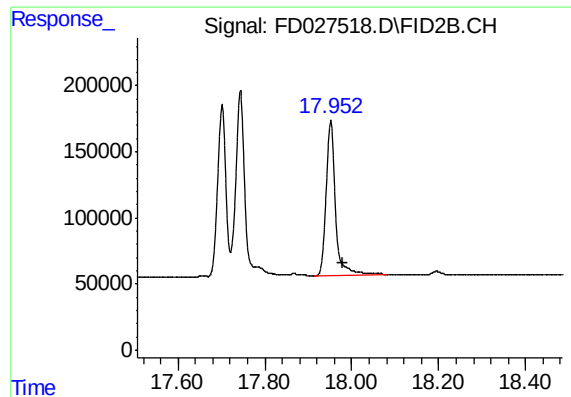
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.702 min
Delta R.T.: -0.026 min
Response: 1695109
Conc: 16.24 ug/ml m



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

R.T.: 17.743 min
Delta R.T.: -0.027 min
Response: 1967475
Conc: 19.21 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.028 min
Response: 1744054
Conc: 16.54 ug/ml m