

Data Path : P:\HPCHEM1\FID D\Data\FD021218AR\
 Data File : FD019991.D
 Signal(s) : FID2B.CH
 Acq On : 12 Feb 2018 16:16
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 18:04:12 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 2018
 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...	7.352	1822010	22.518 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
6) S 2-Fluorobiphenyl (SURR)	8.211	1178494	21.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.09%
11) S ortho-Terphenyl (SURR)	11.236	2027595	20.495 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	2045511	23.106 ug/ml
2) T Naphthalene (C11.7)	5.690	2035069	22.786 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	2071006	22.558 ug/ml
5) T Acenaphthylene (C15.06)	8.008	2066274	21.791 ug/ml
7) T Acenaphthene (C15.5)	8.301	2140590	21.943 ug/ml
8) T Fluorene (C16.55)	9.082	2013866	21.192 ug/ml
9) T Phenanthrene (C19.36)	10.474	2007891	20.197 ug/ml
10) T Anthracene (C19.43)	10.551	1966792	20.225 ug/ml
12) T Fluoranthene (C21.85)	12.283	2161205	20.386 ug/ml
13) T Pyrene (C20.8)	12.577	2198913	20.759 ug/ml
14) T Benzo[alanthracene (C...	14.495	2291439	21.894 ug/ml
15) T Chrysene (C27.41)	14.495	2291439	21.202 ug/ml
16) T benzo[b]fluoranthene ...	16.039	2353474	21.875 ug/ml
17) T Benzo[k]fluoranthene ...	16.039	2353474	20.778 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	2325429	21.334 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.764	4589942	46.397 ug/ml
21) T Benzo[ghi]perylene ...	18.015	2261003	21.666 ug/ml

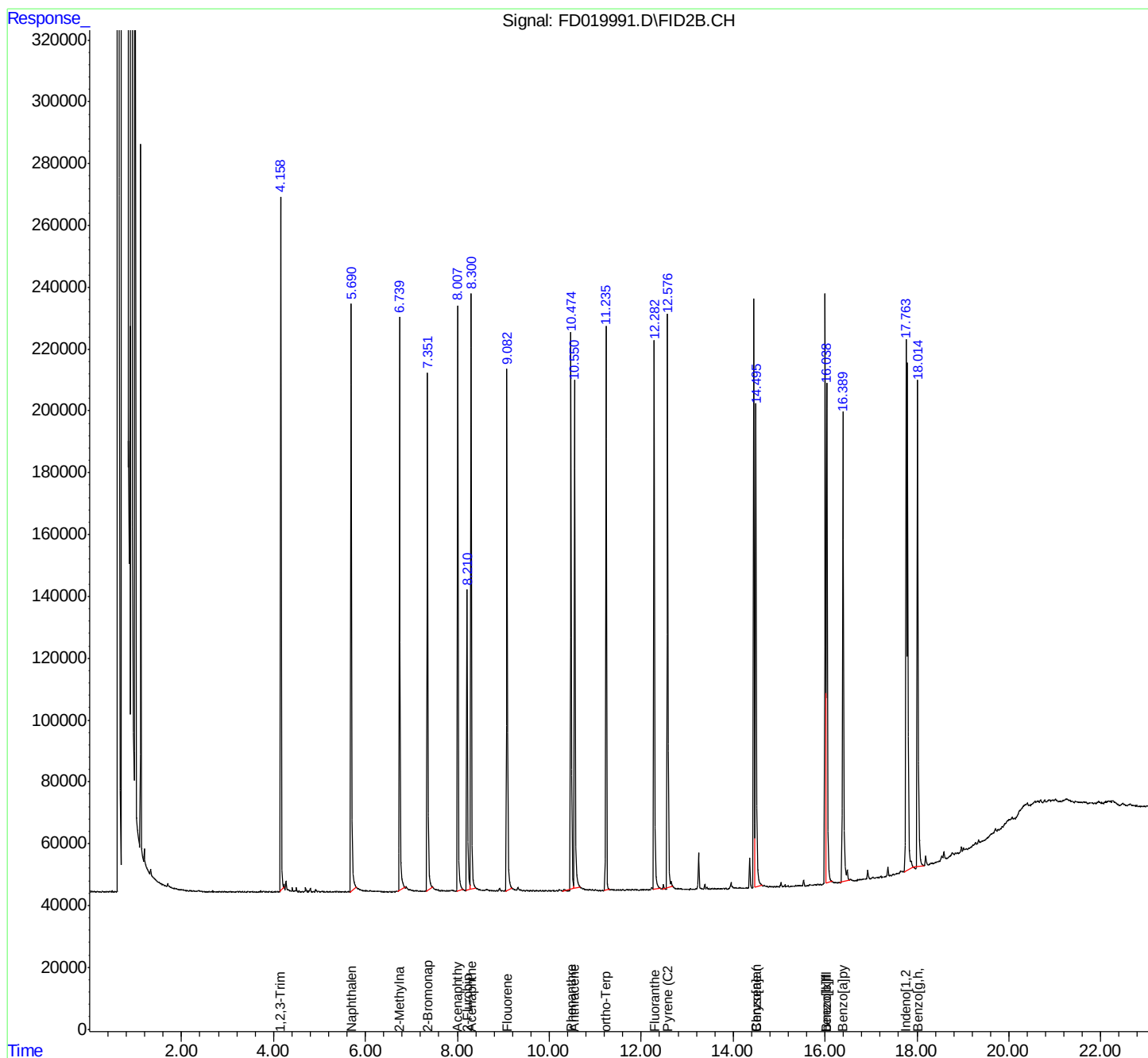
(f)=RT Delta > 1/2 Window

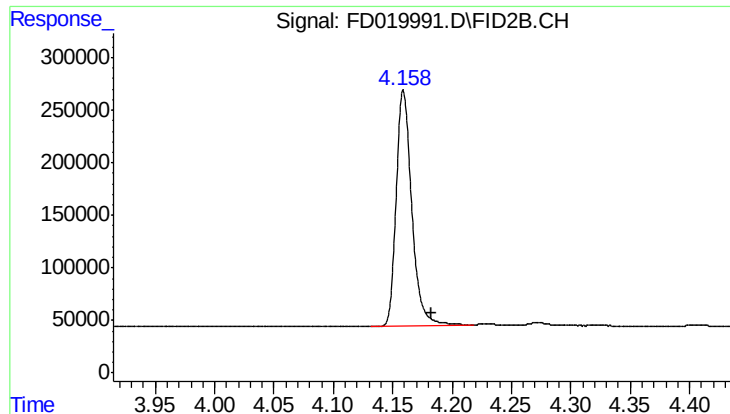
(m)=manual int.

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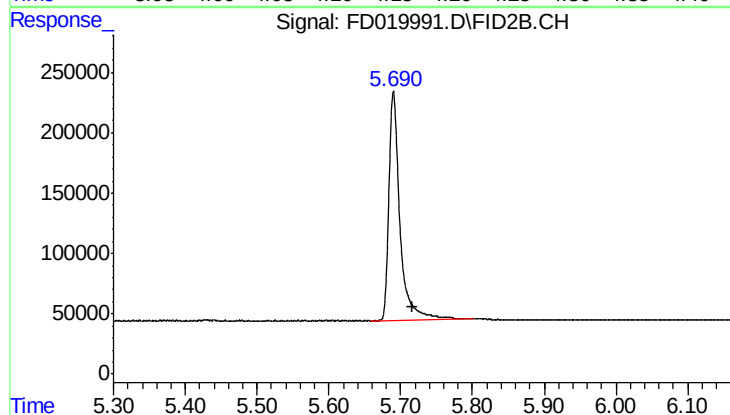
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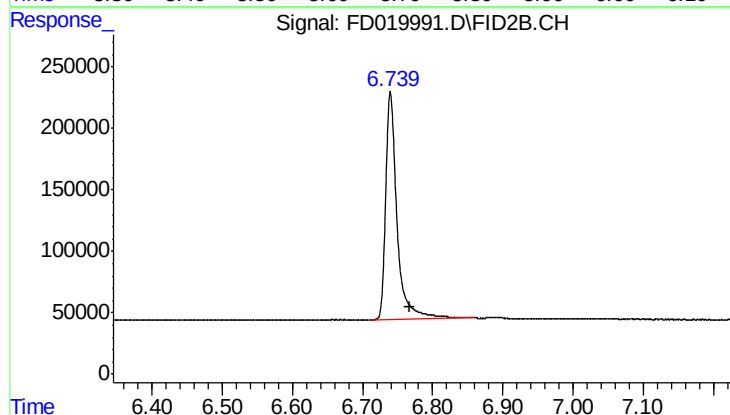
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.023 min
Response: 2045511
Conc: 23.11 ug/ml



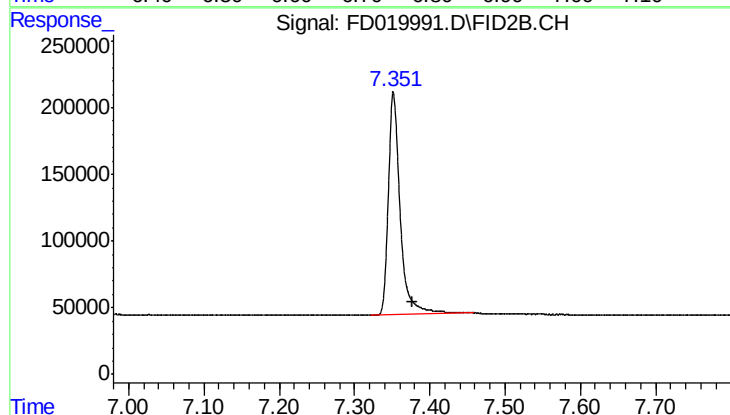
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.027 min
Response: 2035069
Conc: 22.79 ug/ml



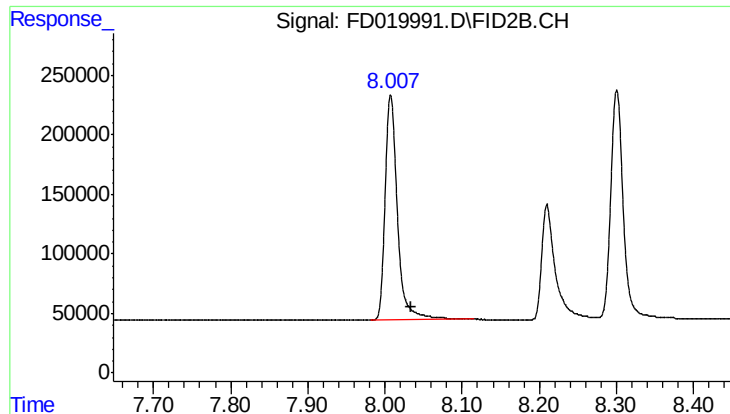
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.026 min
Response: 2071006
Conc: 22.56 ug/ml



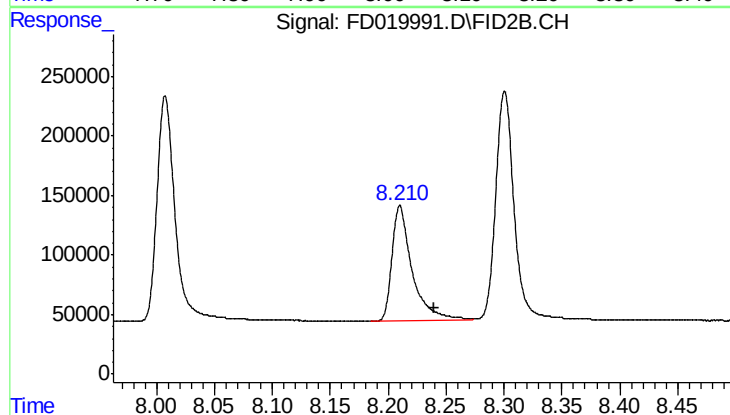
#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.026 min
Response: 1822010
Conc: 22.52 ug/ml



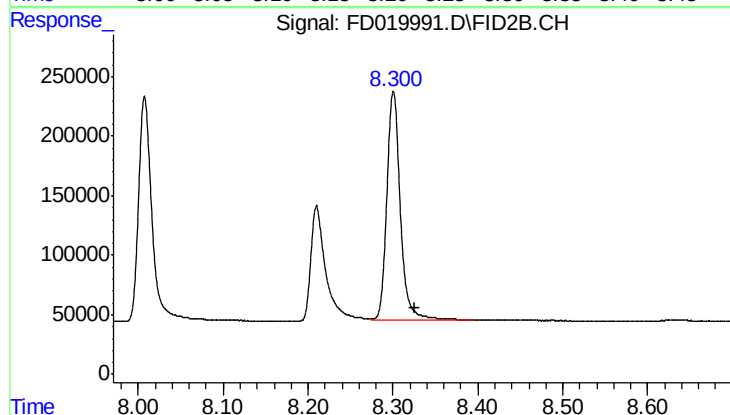
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.026 min
Response: 2066274
Conc: 21.79 ug/ml



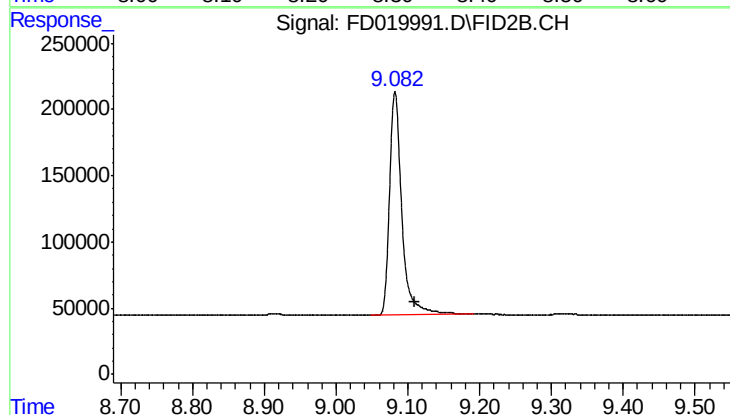
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.211 min
Delta R.T.: -0.029 min
Response: 1178494
Conc: 21.55 ug/ml



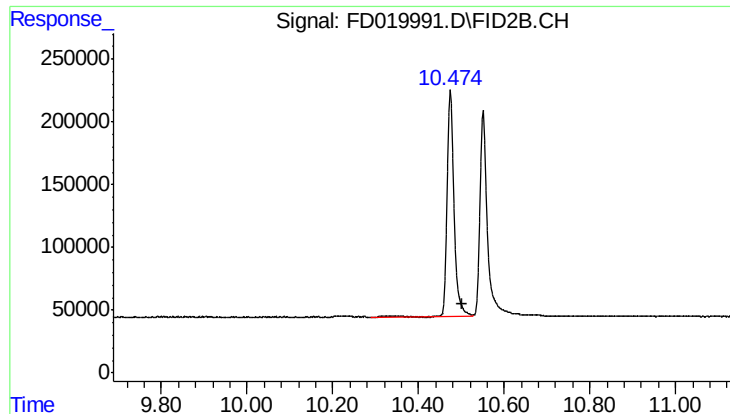
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: -0.025 min
Response: 2140590
Conc: 21.94 ug/ml



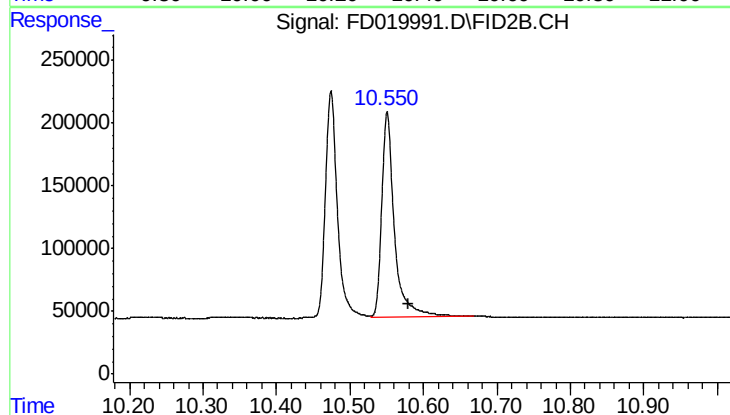
#8 Fluorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.027 min
Response: 2013866
Conc: 21.19 ug/ml



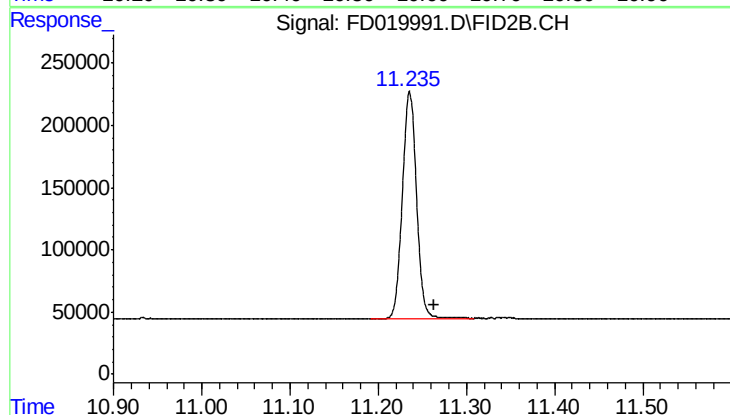
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: -0.028 min
Response: 2007891
Conc: 20.20 ug/ml



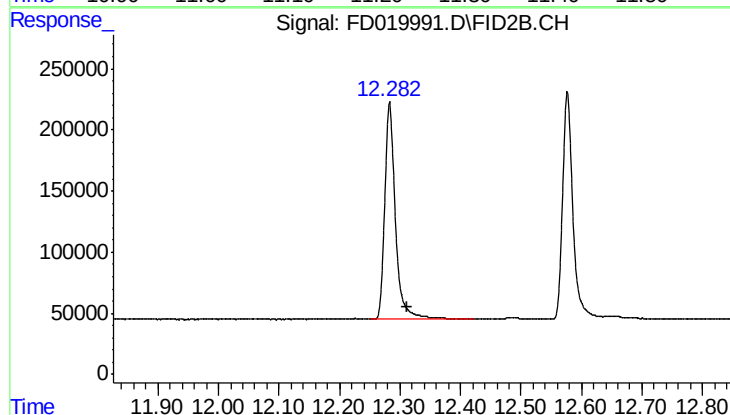
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.029 min
Response: 1966792
Conc: 20.23 ug/ml



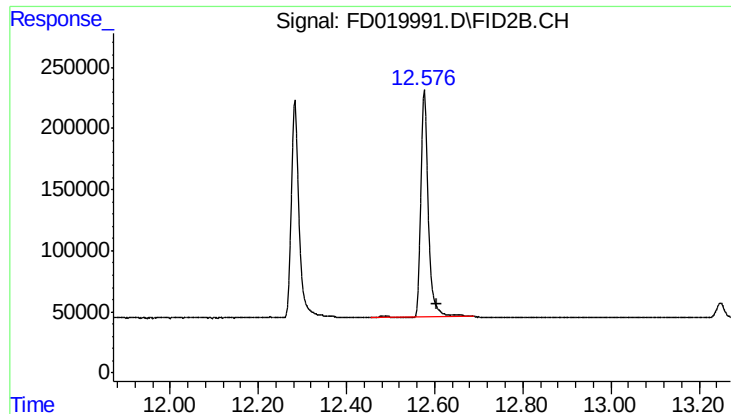
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: -0.027 min
Response: 2027595
Conc: 20.49 ug/ml



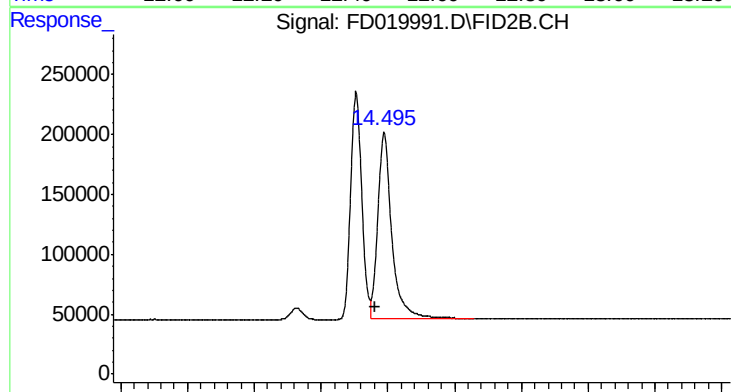
#12 Fluoranthene (C21.85)

R.T.: 12.283 min
Delta R.T.: -0.029 min
Response: 2161205
Conc: 20.39 ug/ml



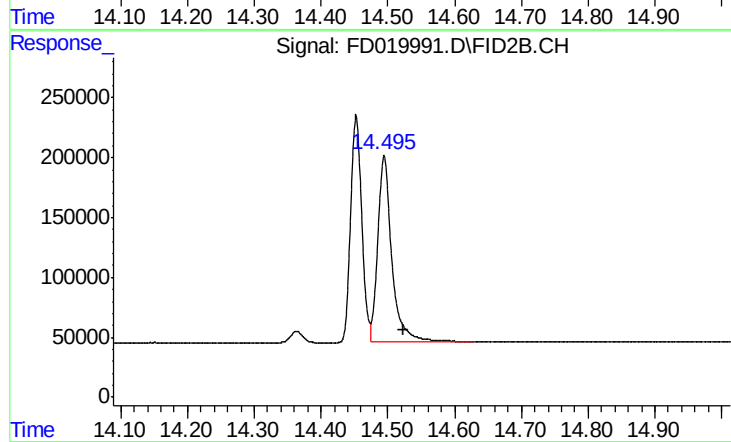
#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: -0.027 min
Response: 2198913
Conc: 20.76 ug/ml



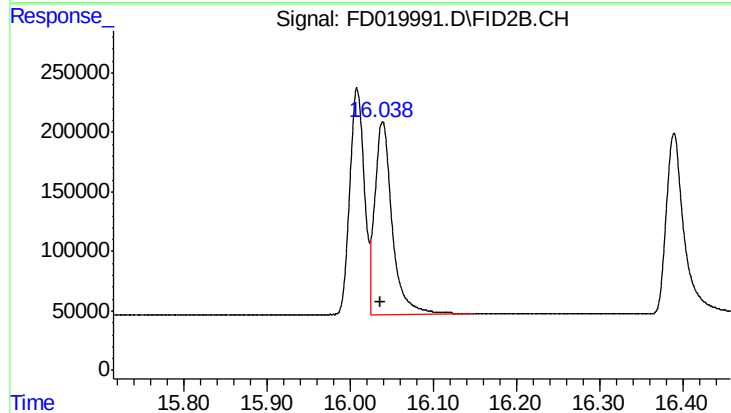
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.495 min
Delta R.T.: 0.014 min
Response: 2291439
Conc: 21.89 ug/ml



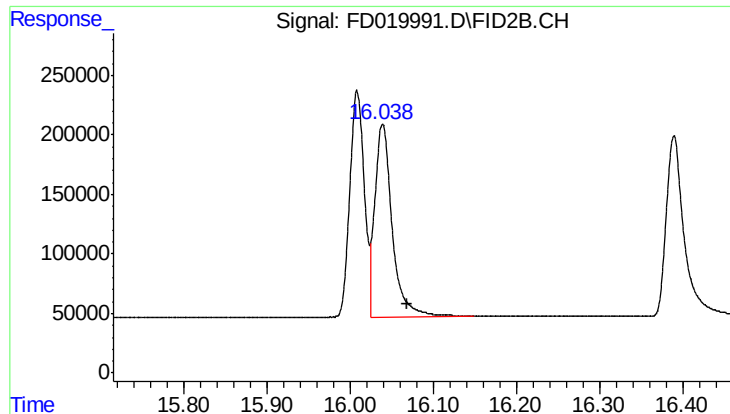
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: -0.029 min
Response: 2291439
Conc: 21.20 ug/ml



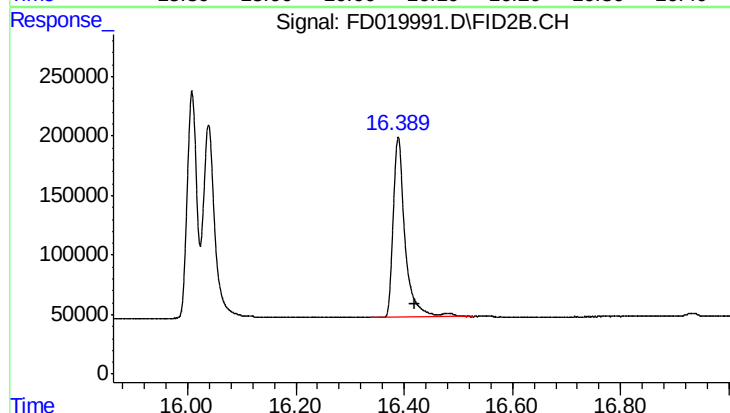
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.039 min
Delta R.T.: 0.002 min
Response: 2353474
Conc: 21.87 ug/ml



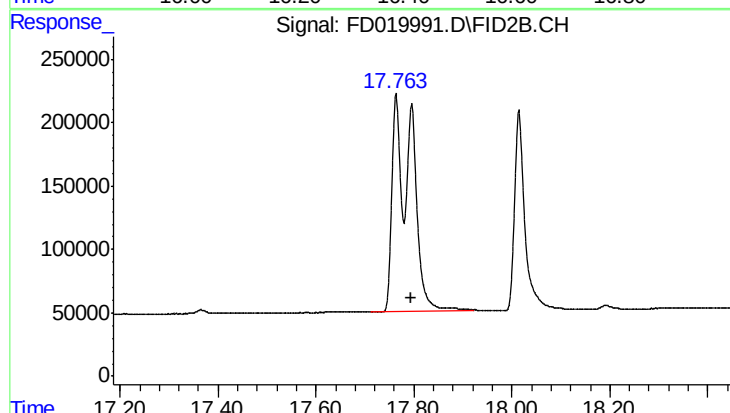
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.039 min
Delta R.T.: -0.029 min
Response: 2353474
Conc: 20.78 ug/ml



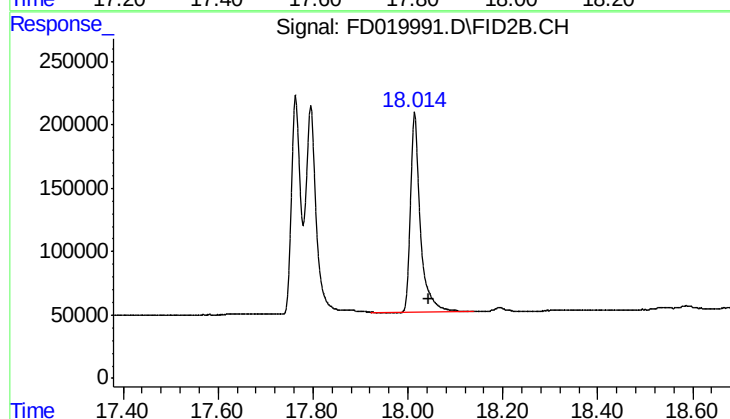
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: -0.031 min
Response: 2325429
Conc: 21.33 ug/ml



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

R.T.: 17.764 min
Delta R.T.: -0.029 min
Response: 4589942
Conc: 46.40 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.029 min
Response: 2261003
Conc: 21.67 ug/ml