

Data Path : P:\HPCHEM1\FID D\Data\FD021518AR\
 Data File : FD020046.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2018 1:00
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 07:32:03 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...	7.353	1591351	19.667 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
6) S 2-Fluorobiphenyl (SURR)	8.214	999067	18.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.53%
11) S ortho-Terphenyl (SURR)	11.235	1852786	18.728 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	1705192	19.262 ug/ml
2) T Naphthalene (C11.7)	5.691	1732655	19.400 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1758726	19.157 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1834156	19.343 ug/ml
7) T Acenaphthene (C15.5)	8.300	1956357	20.055 ug/ml
8) T Fluorene (C16.55)	9.084	1809149	19.038 ug/ml
9) T Phenanthrene (C19.36)	10.476	1843366	18.542 ug/ml
10) T Anthracene (C19.43)	10.554	1811494	18.628 ug/ml
12) T Fluoranthene (C21.85)	12.286	2020460	19.059 ug/ml
13) T Pyrene (C20.8)	12.579	2061436	19.461 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.498	2128377	20.336 ug/ml
15) T Chrysene (C27.41)	14.498	2128377	19.693 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.011	4241858	39.427 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.394	2086720	19.144 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.769	4172774	42.180 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.017	2066531	19.802 ug/ml

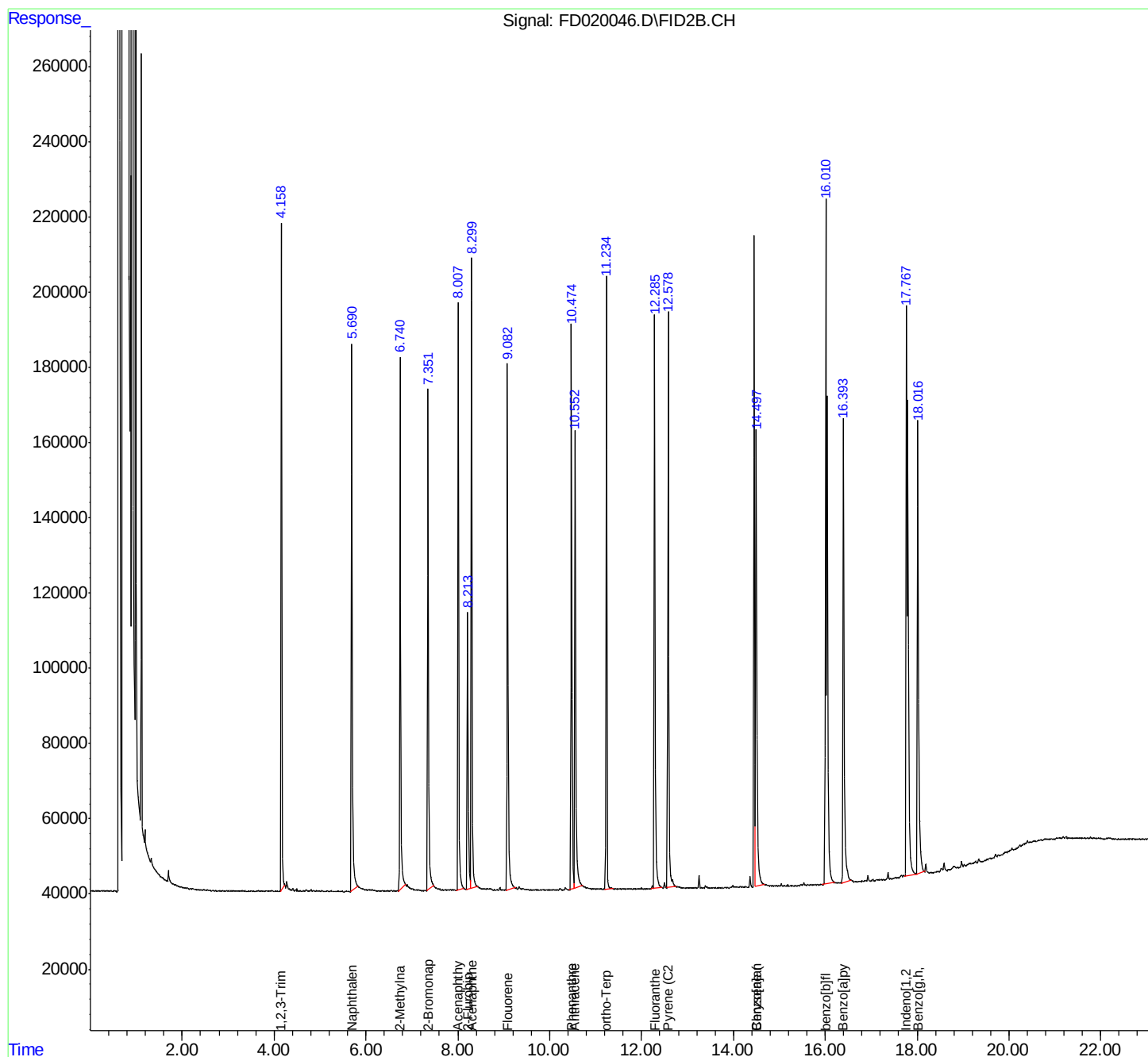
(f)=RT Delta > 1/2 Window

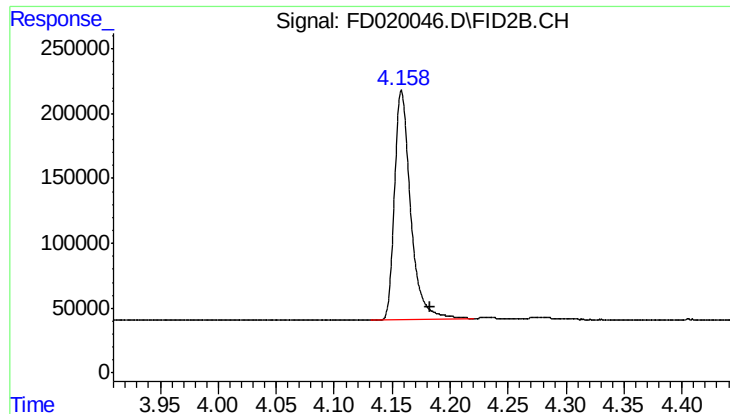
(m)=manual int.

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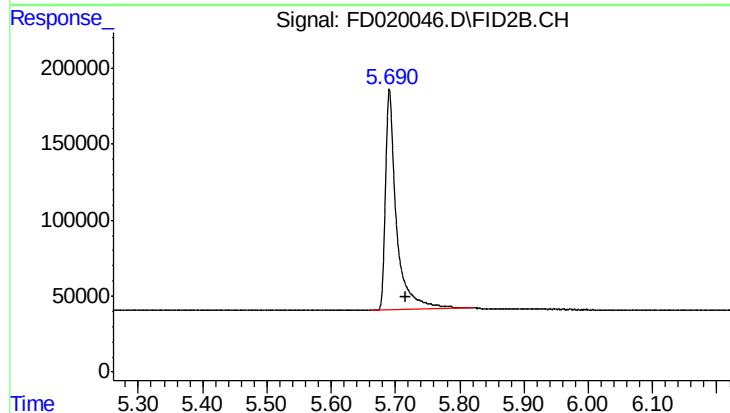
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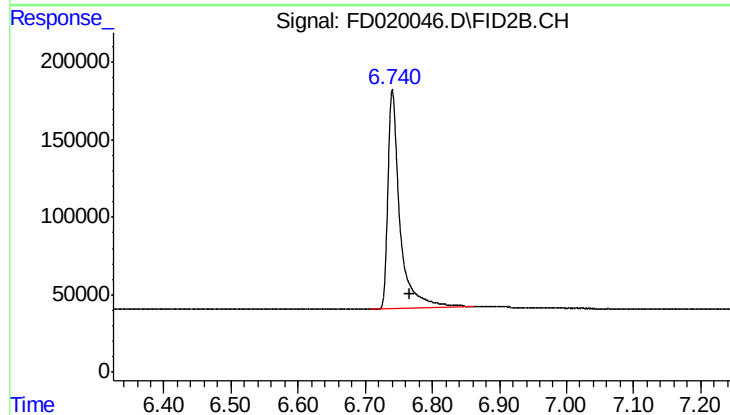
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: -0.024 min
Response: 1705192
Conc: 19.26 ug/ml



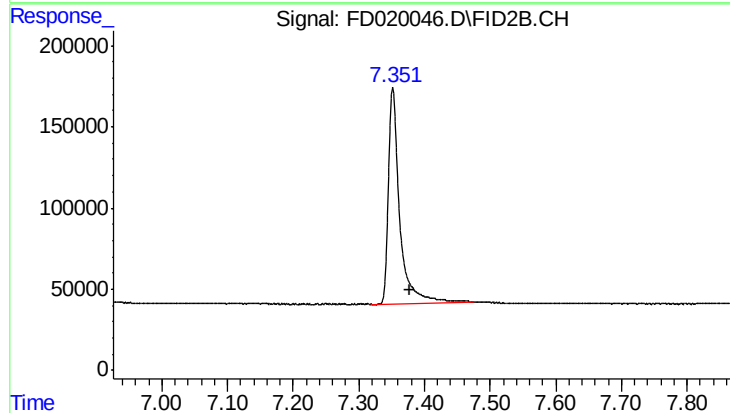
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.026 min
Response: 1732655
Conc: 19.40 ug/ml



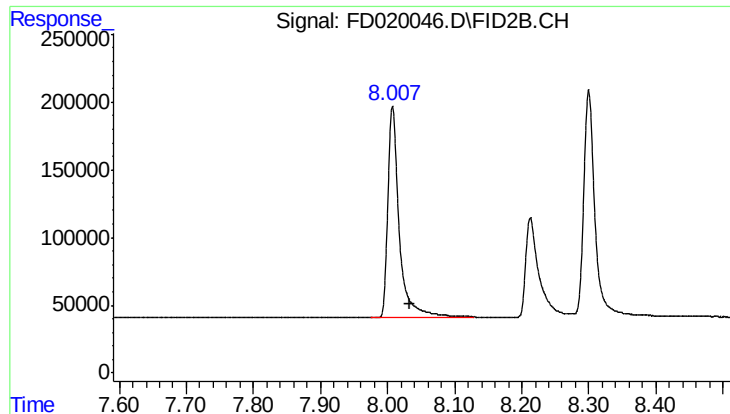
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.025 min
Response: 1758726
Conc: 19.16 ug/ml



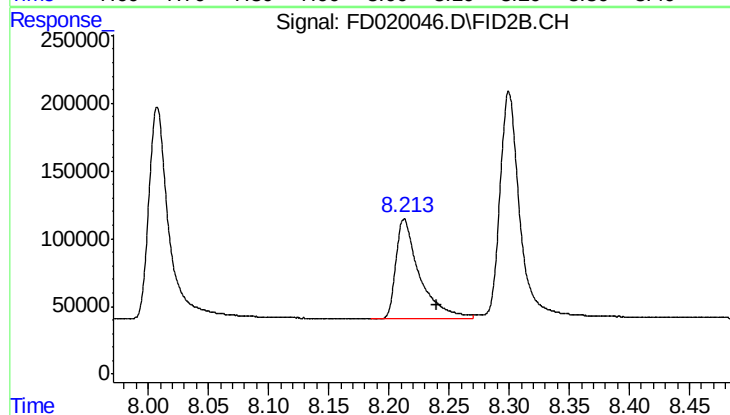
#4 2-Bromonaphthalene (SURR)

R.T.: 7.353 min
Delta R.T.: -0.025 min
Response: 1591351
Conc: 19.67 ug/ml



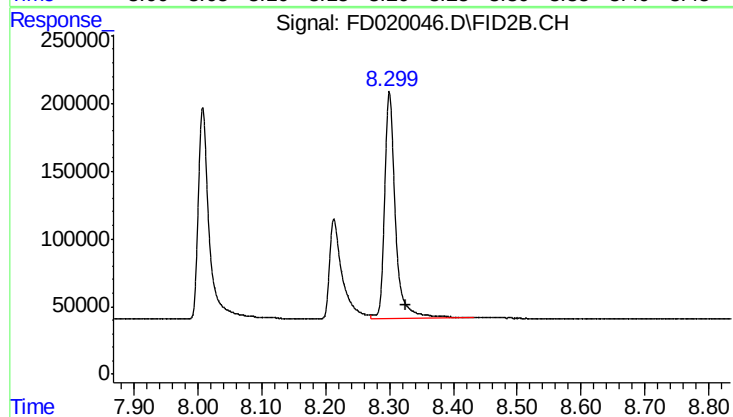
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: -0.026 min
Response: 1834156
Conc: 19.34 ug/ml



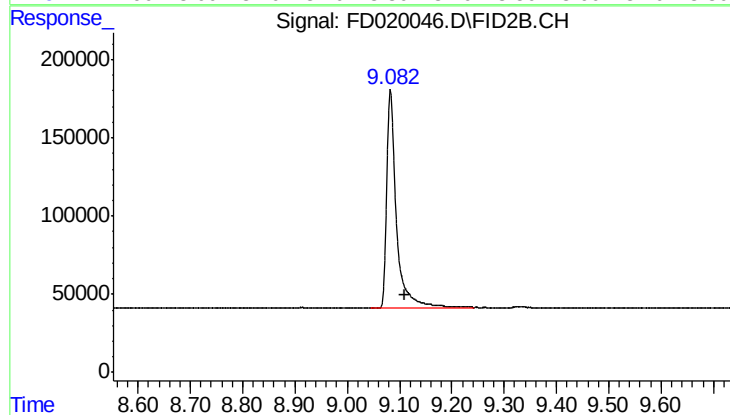
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.025 min
Response: 999067
Conc: 18.27 ug/ml



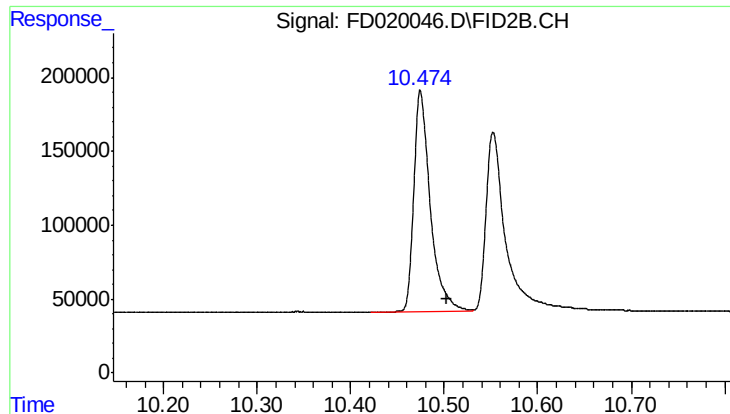
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: -0.025 min
Response: 1956357
Conc: 20.05 ug/ml



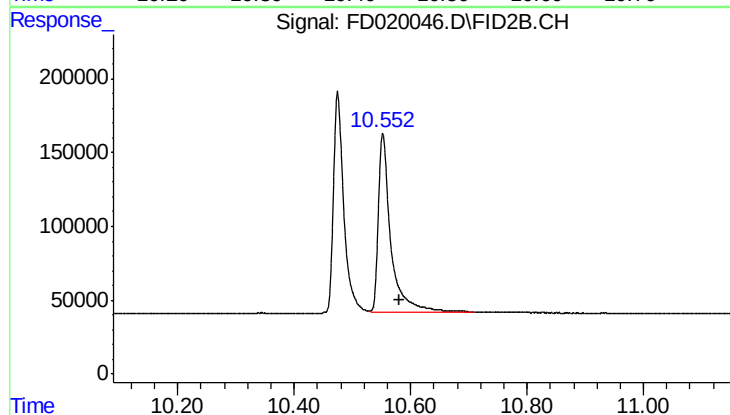
#8 Fluorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.026 min
Response: 1809149
Conc: 19.04 ug/ml



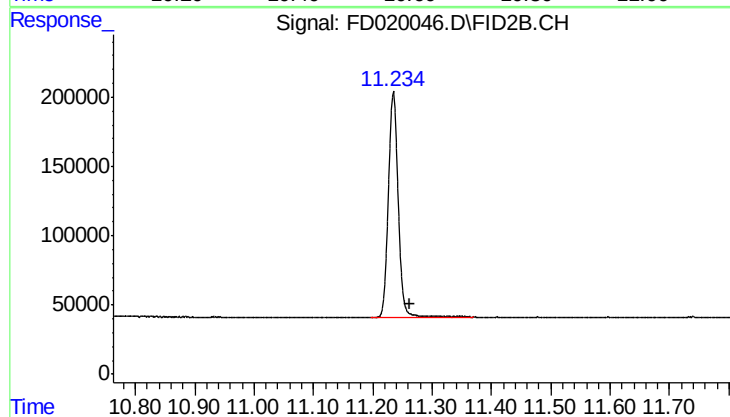
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: -0.027 min
Response: 1843366
Conc: 18.54 ug/ml



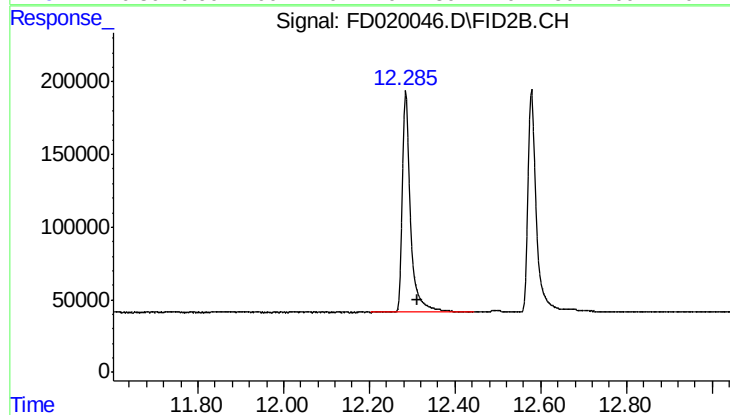
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: -0.027 min
Response: 1811494
Conc: 18.63 ug/ml



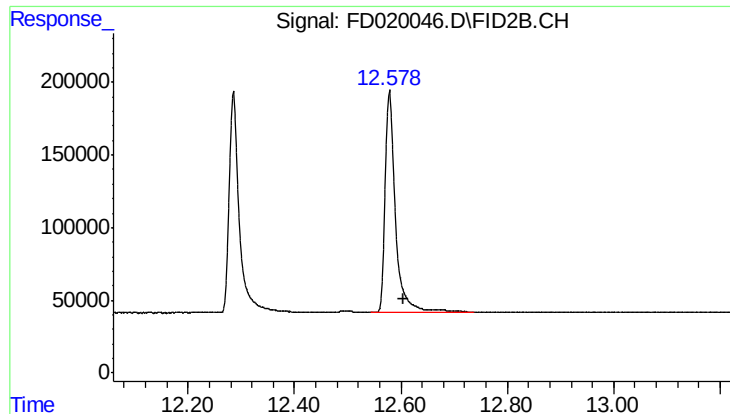
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: -0.028 min
Response: 1852786
Conc: 18.73 ug/ml



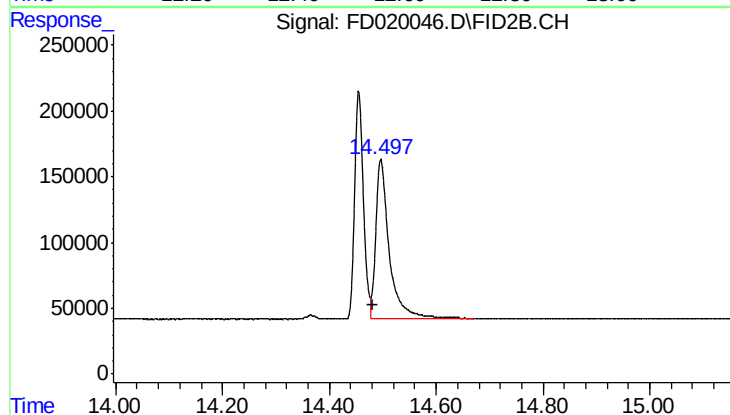
#12 Fluoranthene (C21.85)

R.T.: 12.286 min
Delta R.T.: -0.027 min
Response: 2020460
Conc: 19.06 ug/ml



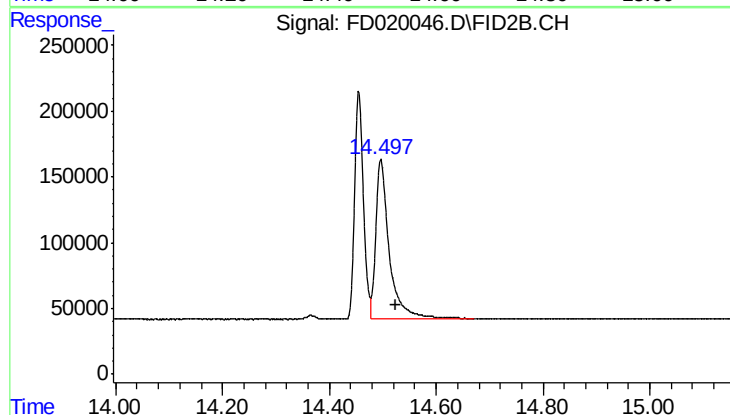
#13 Pyrene (C20.8)

R.T.: 12.579 min
Delta R.T.: -0.025 min
Response: 2061436
Conc: 19.46 ug/ml



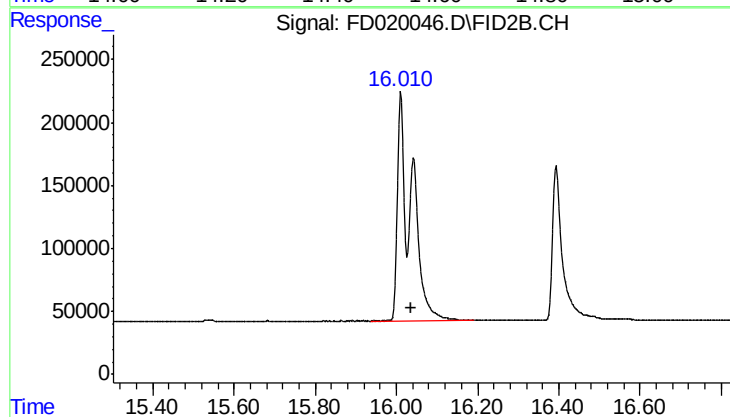
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: 0.016 min
Response: 2128377
Conc: 20.34 ug/ml



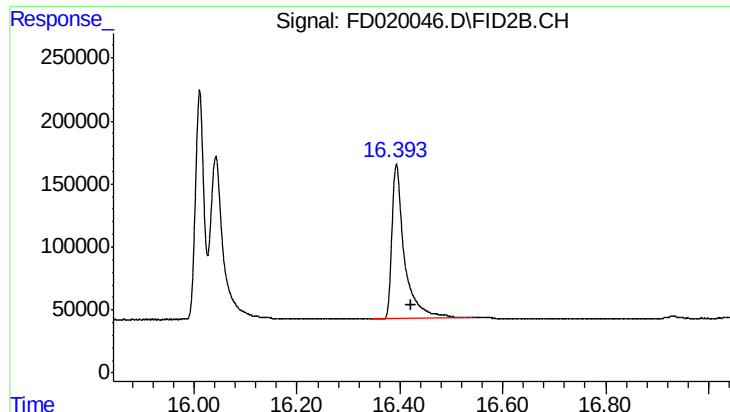
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.027 min
Response: 2128377
Conc: 19.69 ug/ml



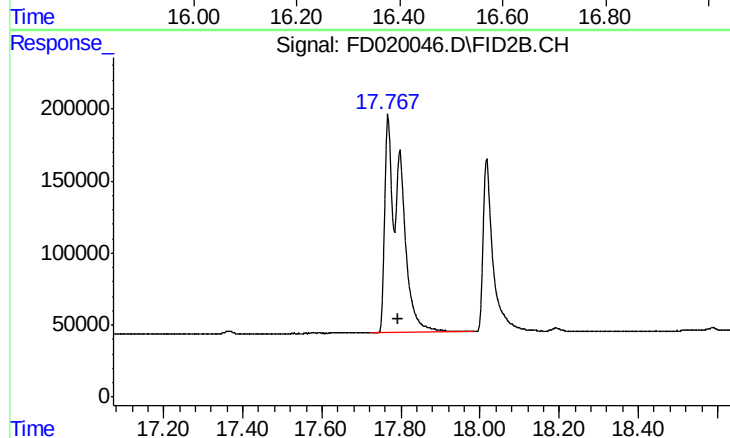
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: -0.026 min
Response: 4241858
Conc: 39.43 ug/ml



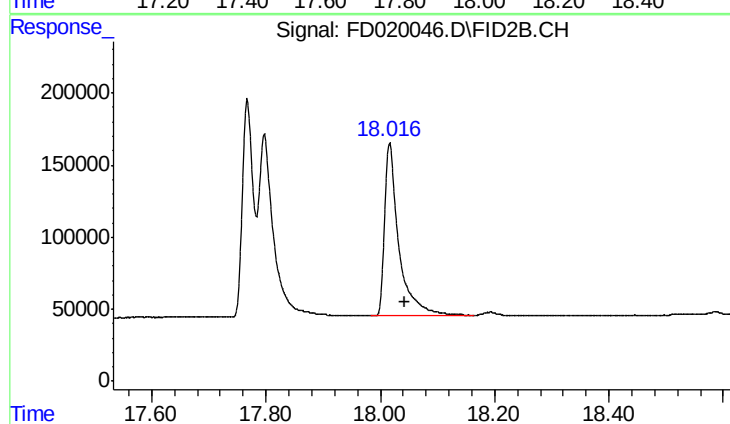
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: -0.026 min
Response: 2086720
Conc: 19.14 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.025 min
Response: 4172774
Conc: 42.18 ug/ml



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

R.T.: 18.017 min
Delta R.T.: -0.026 min
Response: 2066531
Conc: 19.80 ug/ml