

Data Path : P:\HPCHEM1\FID_D\Data\FD031118AR\
 Data File : FD022460.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2018 13:56
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 01:54:33 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.330	1925146	22.979 ug/ml
Spiked Amount 50.000		Recovery =	45.96%
6) S 2-Fluorobiphenyl (SURR)	8.190	1187486	23.488 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.98%
11) S ortho-Terphenyl (SURR)	11.214	2313082	24.374 ug/ml
Spiked Amount 50.000		Recovery =	48.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.138	2112886	23.926 ug/ml
2) T Naphthalene (C11.7)	5.670	2075244	23.199 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	2083727	22.943 ug/ml
5) T Acenaphthylene (C15.06)	7.986	2212772	23.105 ug/ml
7) T Acenaphthene (C15.5)	8.278	1504318	14.685 ug/ml
8) T Flouorene (C16.55)	9.060	2255368	24.053 ug/ml
9) T Phenanthrene (C19.36)	10.453	2336377	25.076 ug/ml
10) T Anthracene (C19.43)	10.529	2361188	24.900 ug/ml
12) T Fluoranthene (C21.85)	12.262	2475381	24.678 ug/ml
13) T Pyrene (C20.8)	12.557	2479973	24.410 ug/ml
14) T Benzo[a]anthracene (C...	14.476	2497346	25.898 ug/ml
15) T Chrysene (C27.41)	14.476	2497346	23.139 ug/ml
16) T benzo[b]fluoranthene ...	16.023	2564807	25.513 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	2564807	22.602 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	2347423	22.337 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.781	2772291	29.098 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	2772291	24.396 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	1955735	18.830 ug/ml

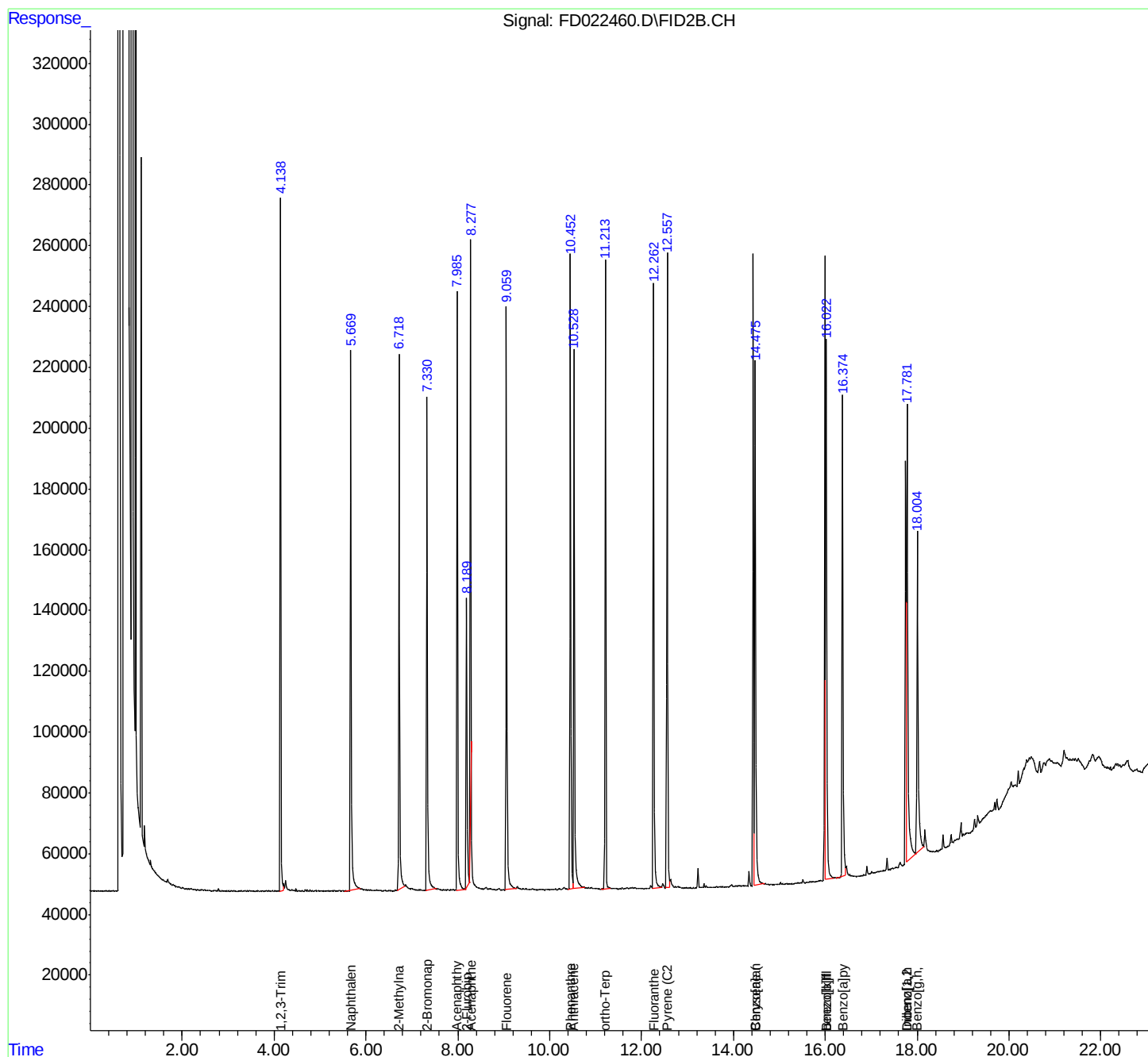
(f)=RT Delta > 1/2 Window

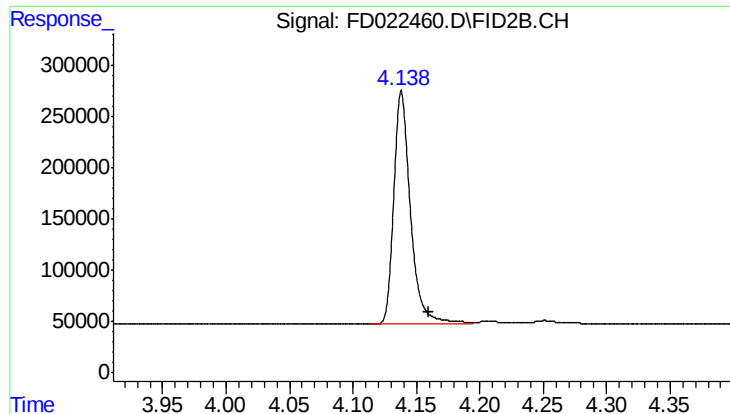
(m)=manual int.

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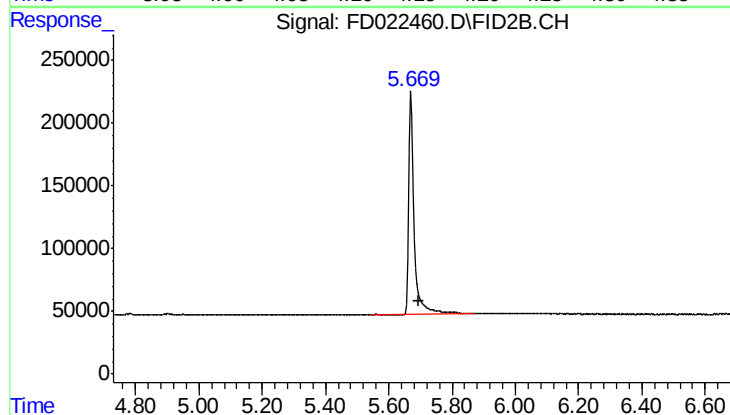
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Signal Info : 20M x 0.18mm x 0.18µm





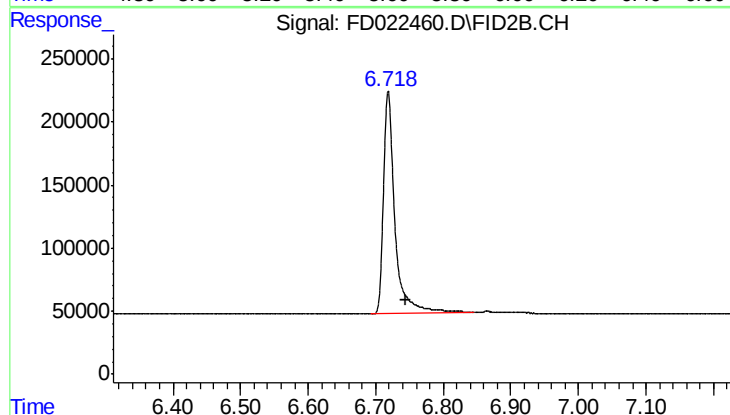
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.138 min
Delta R.T.: -0.021 min
Response: 2112886
Conc: 23.93 ug/ml



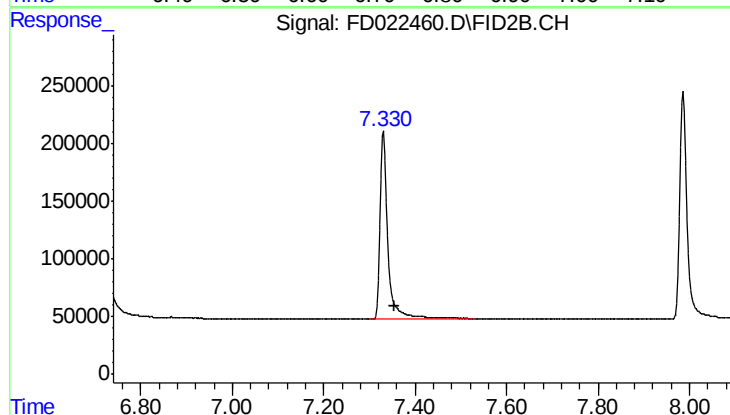
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.027 min
Response: 2075244
Conc: 23.20 ug/ml



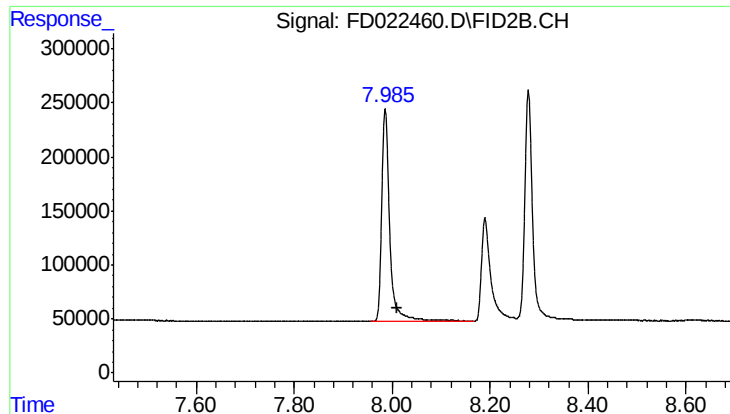
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.027 min
Response: 2083727
Conc: 22.94 ug/ml



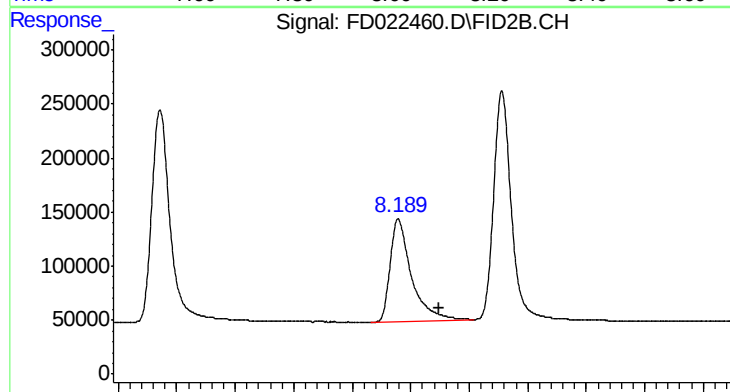
#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.025 min
Response: 1925146
Conc: 22.98 ug/ml



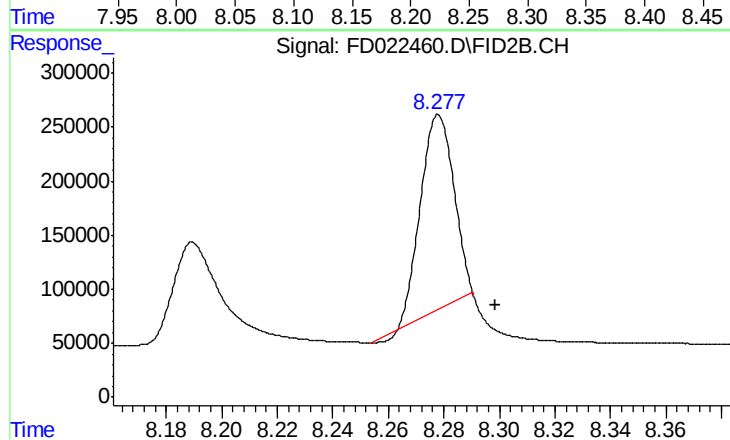
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.023 min
Response: 2212772
Conc: 23.11 ug/ml



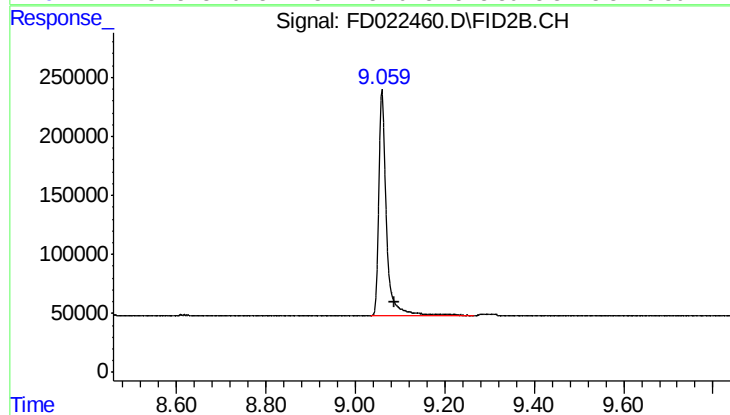
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.190 min
Delta R.T.: -0.035 min
Response: 1187486
Conc: 23.49 ug/ml



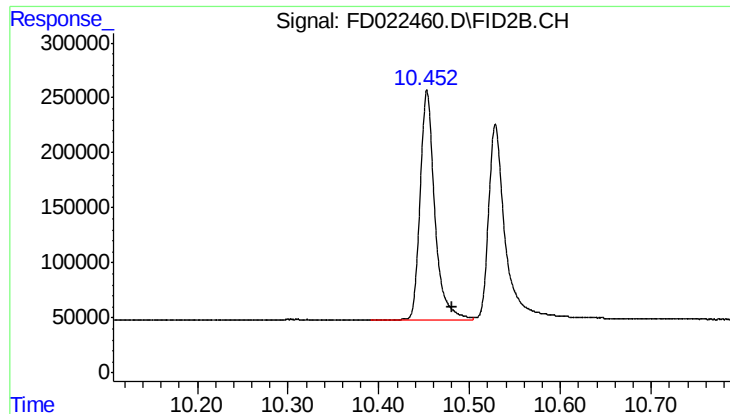
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.021 min
Response: 1504318
Conc: 14.68 ug/ml



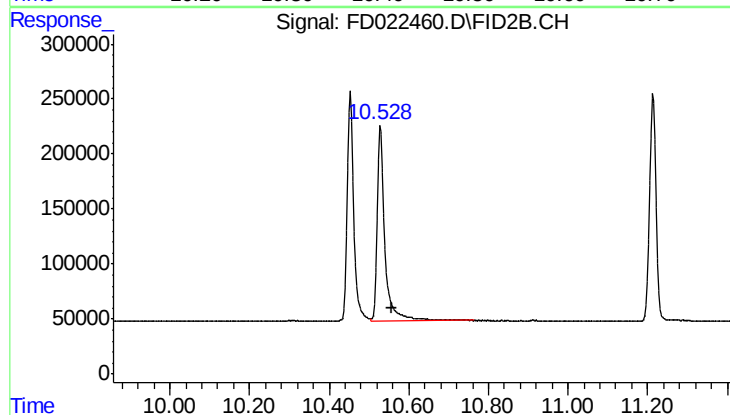
#8 Fluorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.027 min
Response: 2255368
Conc: 24.05 ug/ml



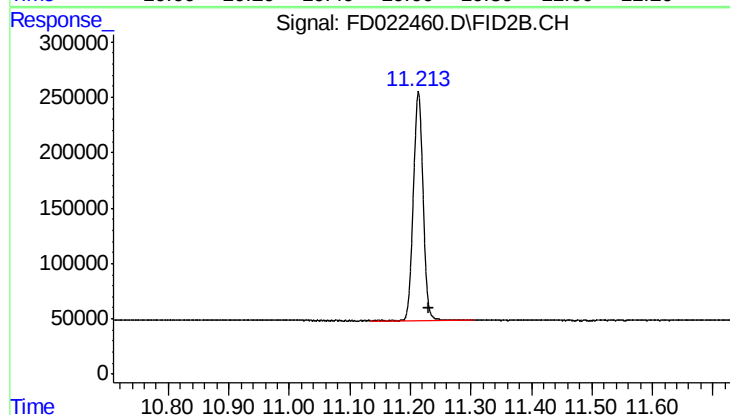
#9 Phenanthrene (C19.36)

R.T.: 10.453 min
Delta R.T.: -0.027 min
Response: 2336377
Conc: 25.08 ug/ml



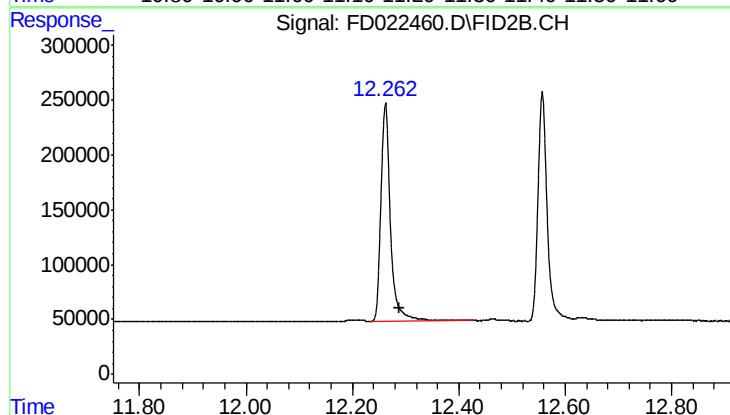
#10 Anthracene (C19.43)

R.T.: 10.529 min
Delta R.T.: -0.031 min
Response: 2361188
Conc: 24.90 ug/ml



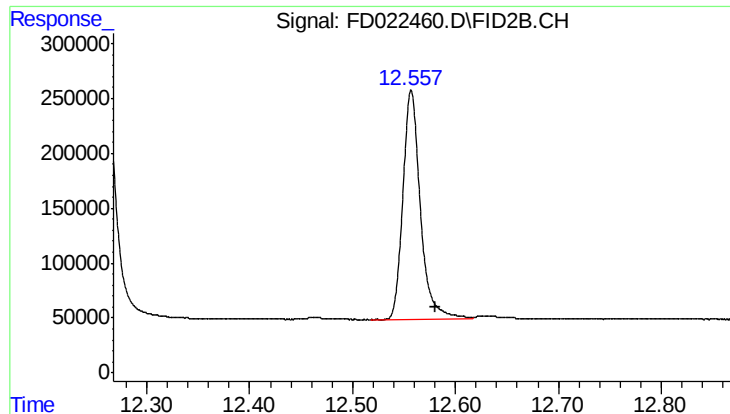
#11 ortho-Terphenyl (SURR)

R.T.: 11.214 min
Delta R.T.: -0.017 min
Response: 2313082
Conc: 24.37 ug/ml



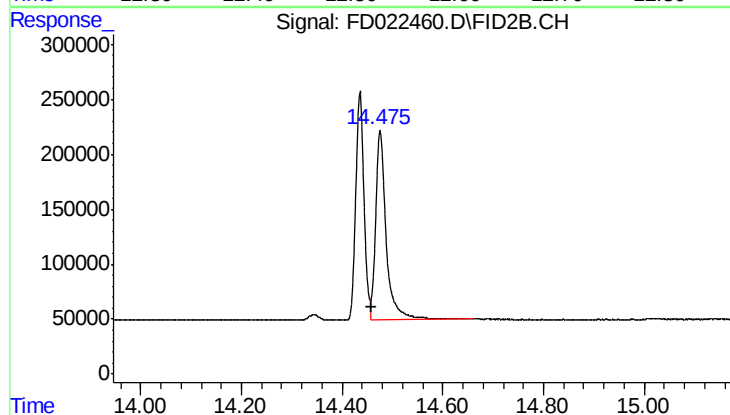
#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: -0.026 min
Response: 2475381
Conc: 24.68 ug/ml



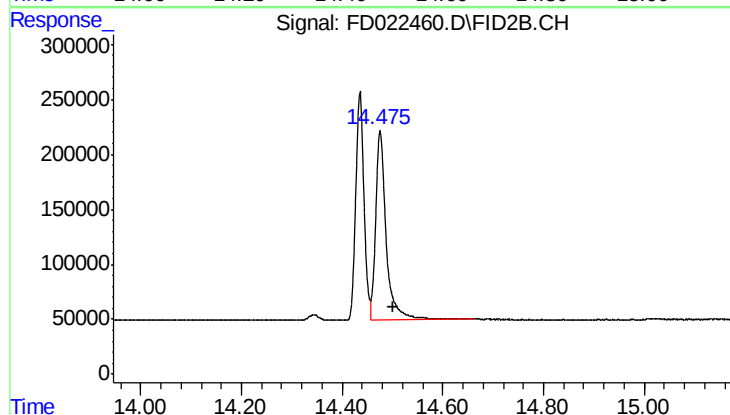
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.023 min
Response: 2479973
Conc: 24.41 ug/ml



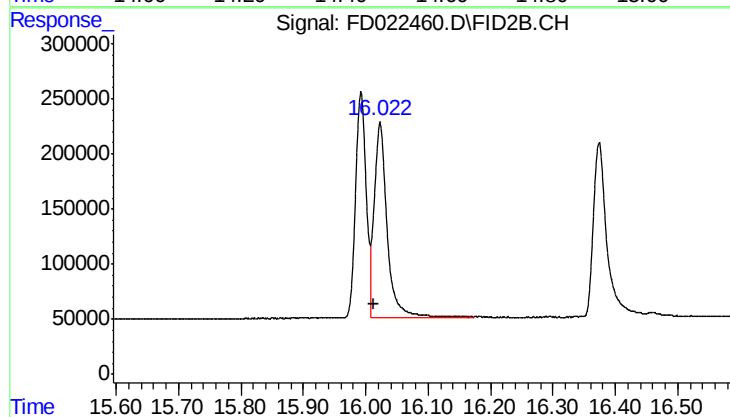
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: 0.016 min
Response: 2497346
Conc: 25.90 ug/ml



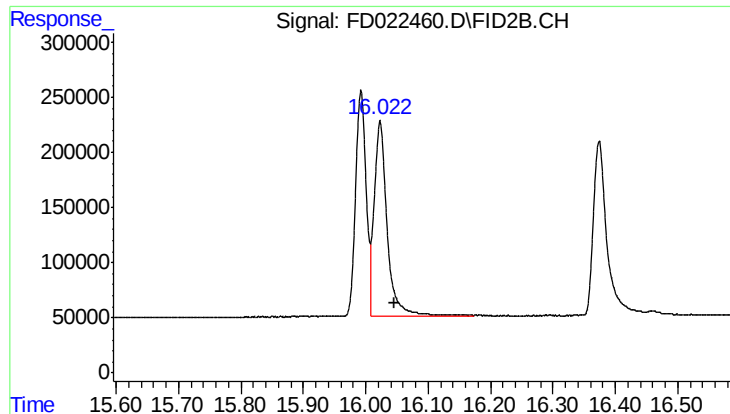
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: -0.025 min
Response: 2497346
Conc: 23.14 ug/ml



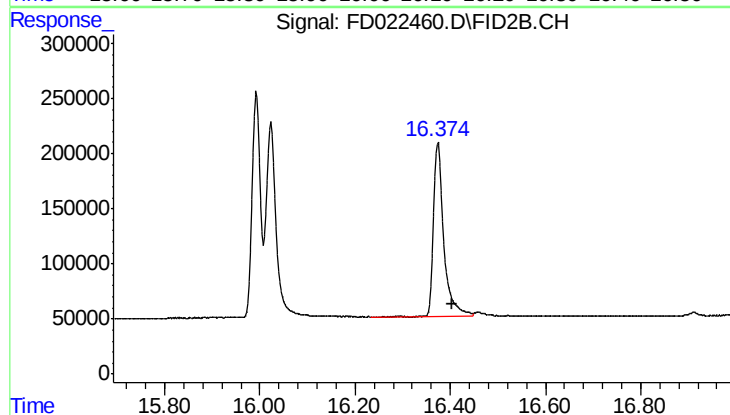
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.023 min
Delta R.T.: 0.011 min
Response: 2564807
Conc: 25.51 ug/ml



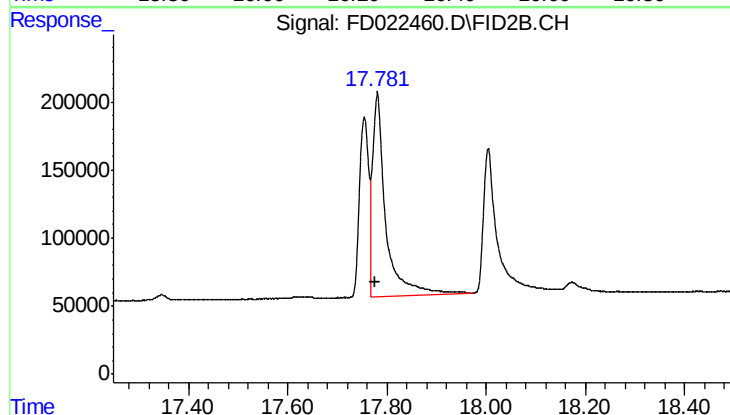
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: -0.023 min
Response: 2564807
Conc: 22.60 ug/ml



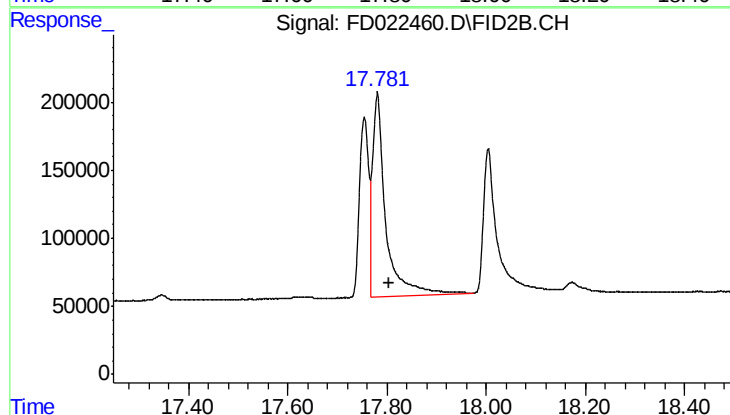
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.030 min
Response: 2347423
Conc: 22.34 ug/ml



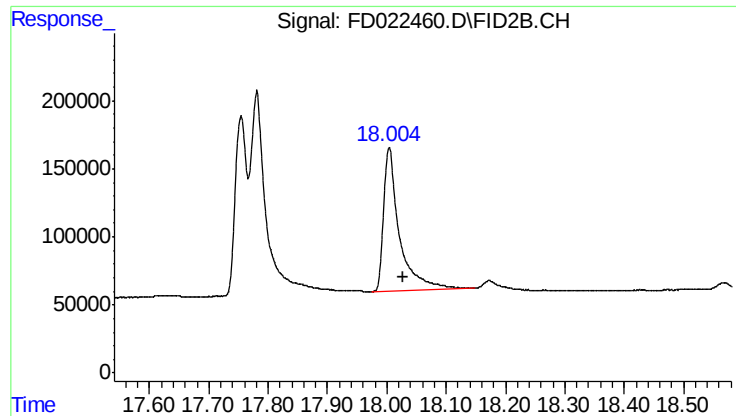
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.781 min
Delta R.T.: 0.003 min
Response: 2772291
Conc: 29.10 ug/ml



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

R.T.: 17.781 min
Delta R.T.: -0.024 min
Response: 2772291
Conc: 24.40 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.023 min
Response: 1955735
Conc: 18.83 ug/ml