

Data Path : P:\HPCHEM1\FID D\Data\FD021518AR\
 Data File : FD020043.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2018 23:07
 Operator : UA/AJ
 Sample : J1525-05MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 07:31:11 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...	7.349	4434188	54.802 ug/ml
Spiked Amount 50.000		Recovery =	109.60%
6) S 2-Fluorobiphenyl (SURR)	8.207	2962476	54.161 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.32%
11) S ortho-Terphenyl (SURR)	11.279	400207	4.045 ug/ml
Spiked Amount 50.000		Recovery =	8.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	2044261	23.092 ug/ml
2) T Naphthalene (C11.7)	5.688	3316960	37.138 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3316937	36.130 ug/ml
5) T Acenaphthylene (C15.06)	8.006	3248026	34.254 ug/ml
7) T Acenaphthene (C15.5)	8.299	3757392	38.517 ug/ml
8) T Fluorene (C16.55)	9.081	3691741	38.848 ug/ml
9) T Phenanthrene (C19.36)	10.476	7499761	75.438 ug/ml
10) T Anthracene (C19.43)	10.551	4063150	41.783 ug/ml
12) T Fluoranthene (C21.85)	12.287	7440280	70.184 ug/ml
13) T Pyrene (C20.8)	12.580	6897123	65.112 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.498	6040600	57.716 ug/ml
15) T Chrysene (C27.41)	14.498	6040600	55.892 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.015	10161561	94.448 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.393	5220530	47.894 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.770	8479957	85.719 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.021	4546816	43.569 ug/ml

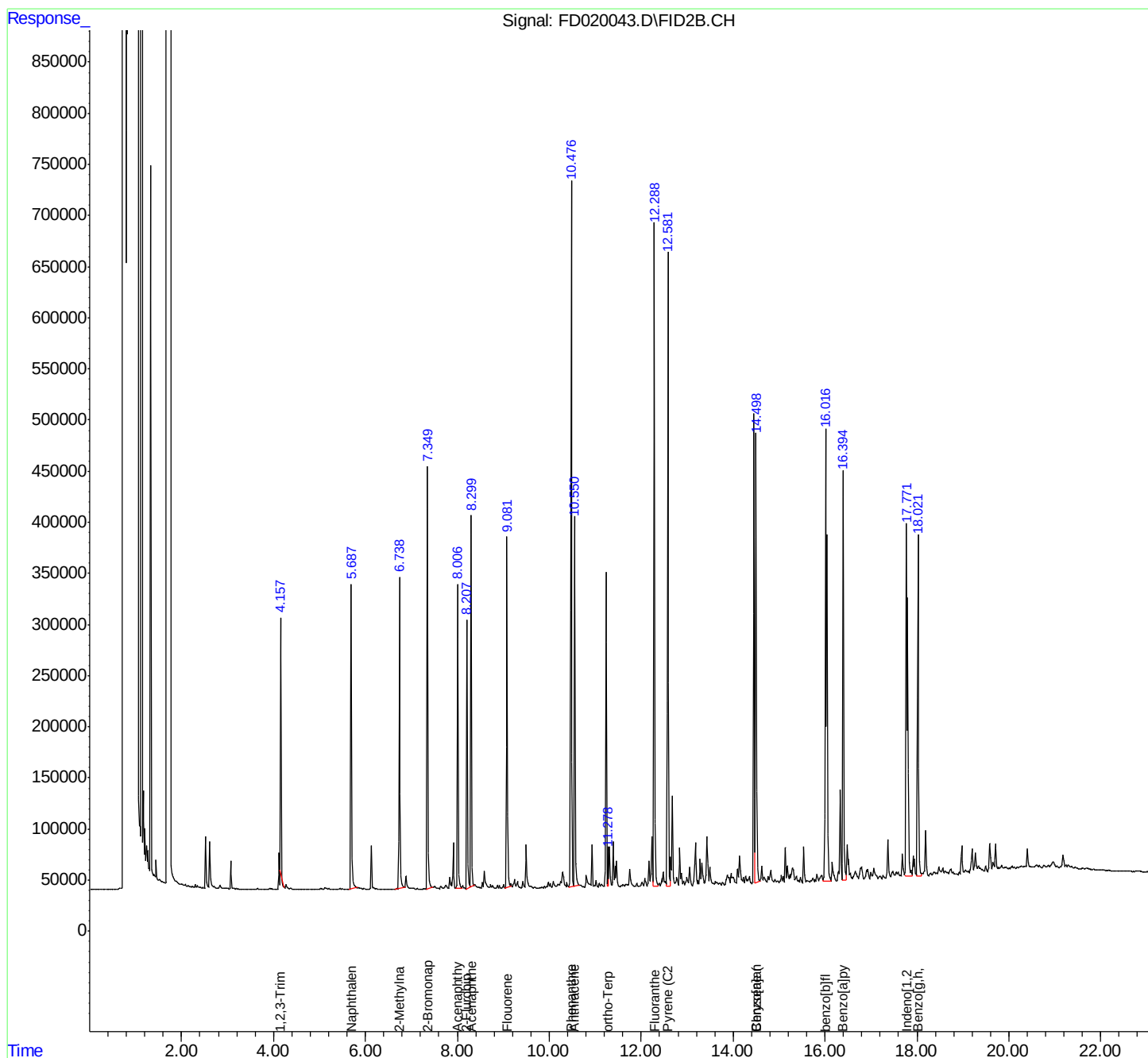
(f)=RT Delta > 1/2 Window

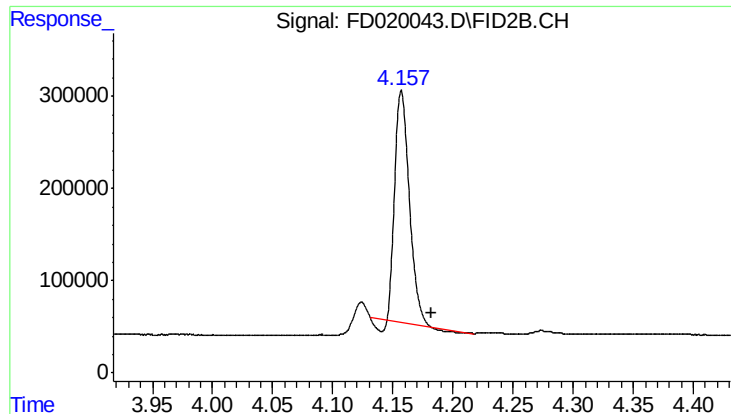
(m)=manual int.

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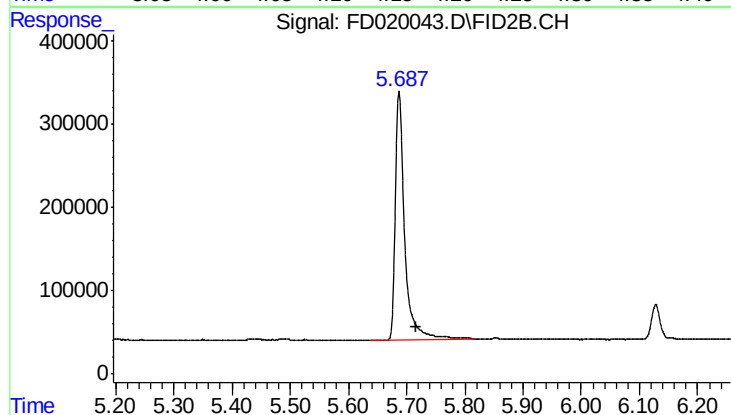
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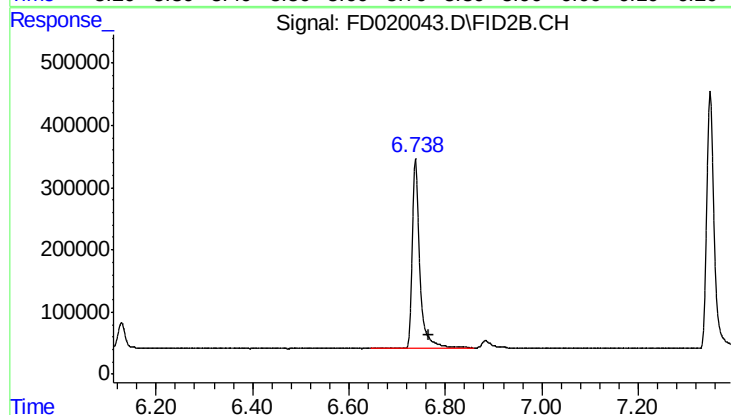
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.025 min
Response: 2044261
Conc: 23.09 ug/ml



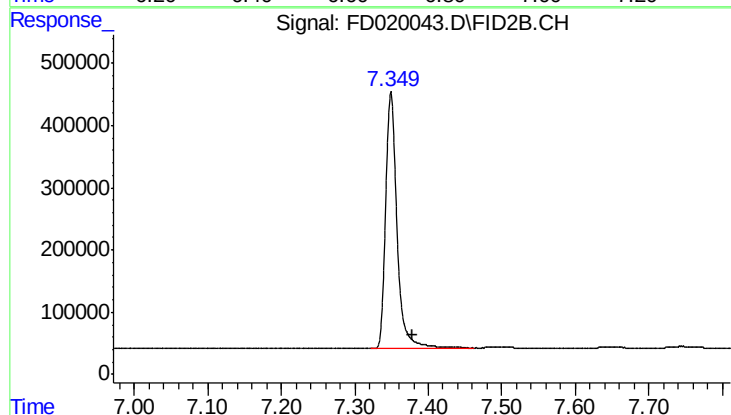
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.030 min
Response: 3316960
Conc: 37.14 ug/ml



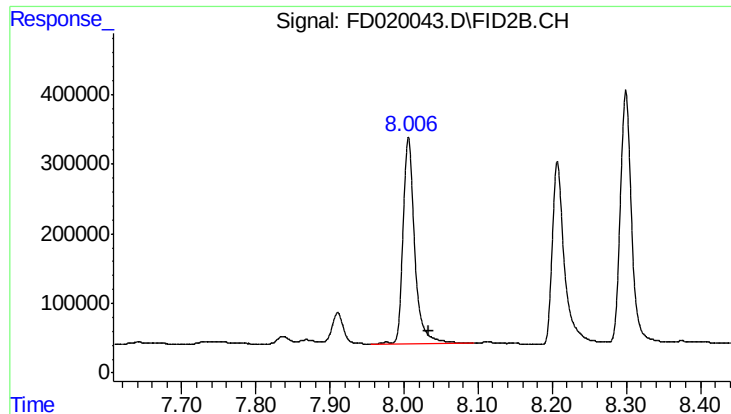
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.028 min
Response: 3316937
Conc: 36.13 ug/ml



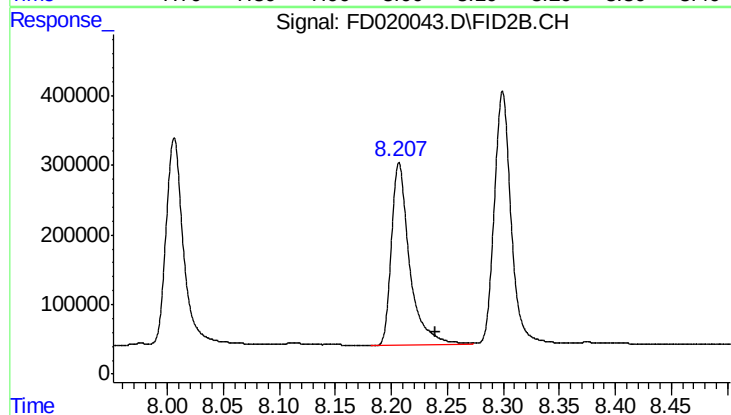
#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: -0.028 min
Response: 4434188
Conc: 54.80 ug/ml



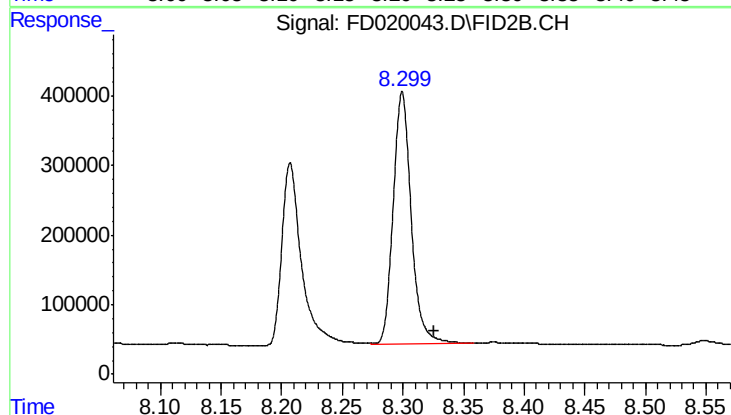
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: -0.028 min
Response: 3248026
Conc: 34.25 ug/ml



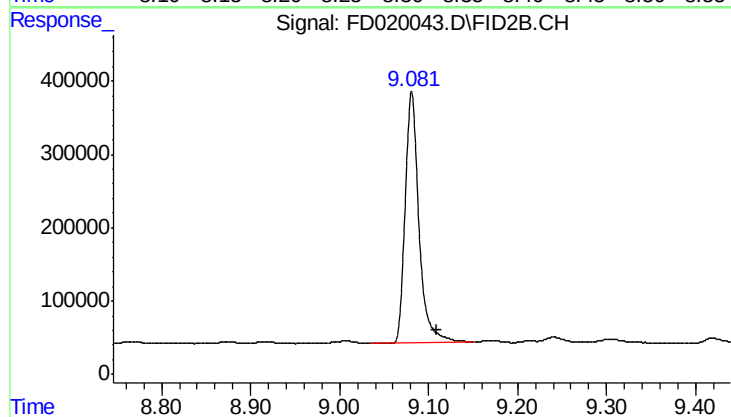
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: -0.032 min
Response: 2962476
Conc: 54.16 ug/ml



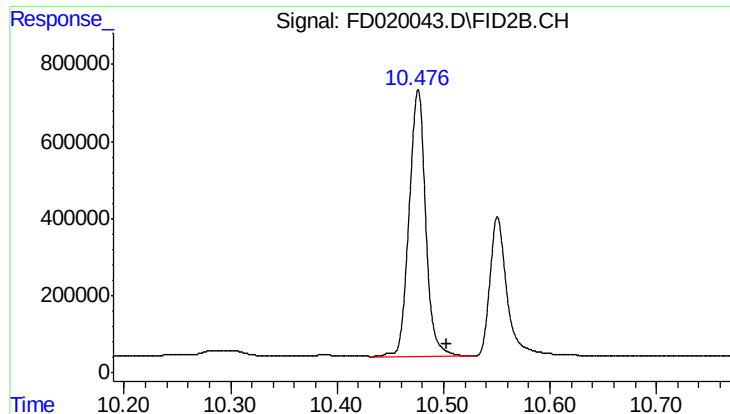
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.026 min
Response: 3757392
Conc: 38.52 ug/ml



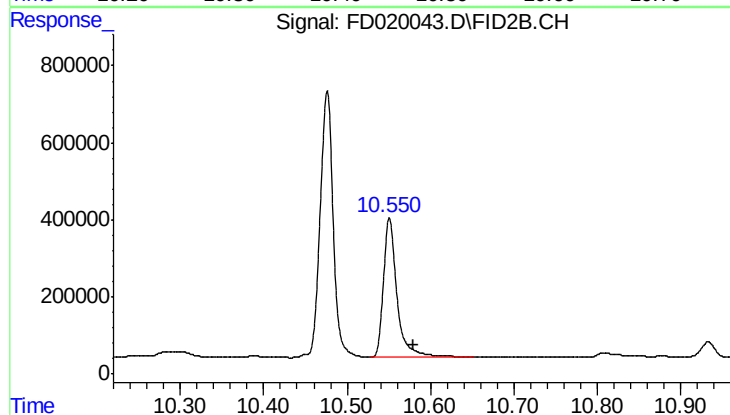
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: -0.028 min
Response: 3691741
Conc: 38.85 ug/ml



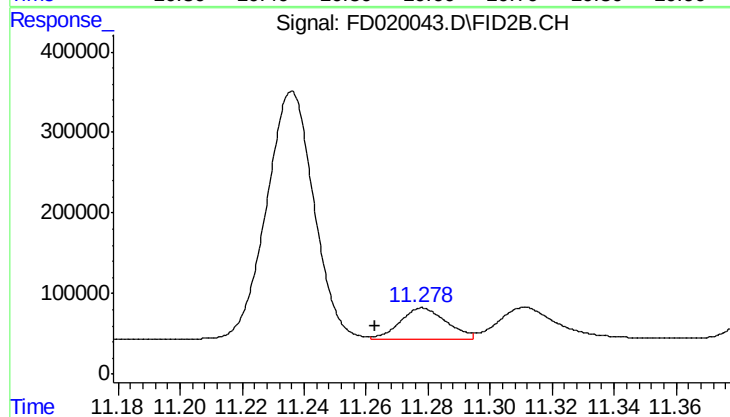
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: -0.027 min
Response: 7499761
Conc: 75.44 ug/ml



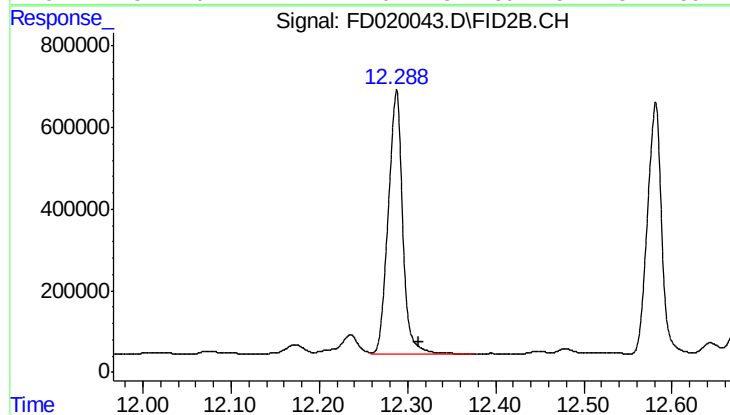
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: -0.029 min
Response: 4063150
Conc: 41.78 ug/ml



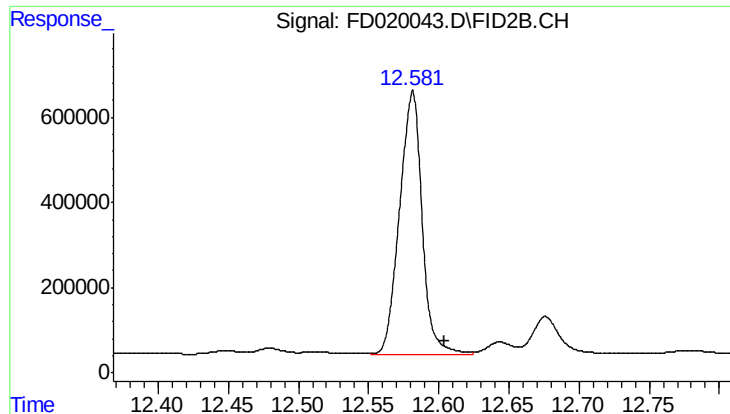
#11 ortho-Terphenyl (SURRE)

R.T.: 11.279 min
Delta R.T.: 0.016 min
Response: 400207
Conc: 4.05 ug/ml



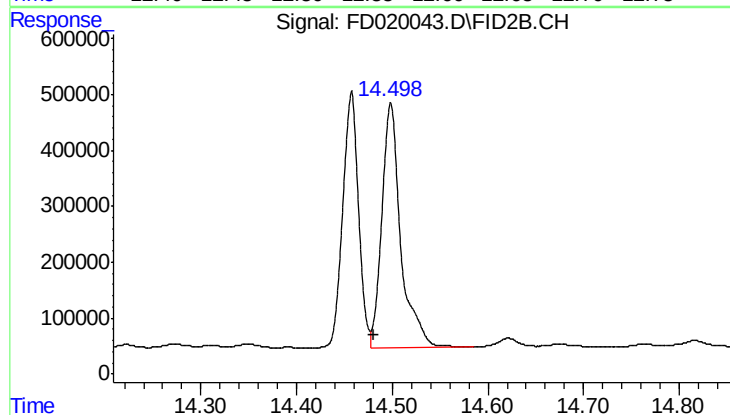
#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: -0.026 min
Response: 7440280
Conc: 70.18 ug/ml



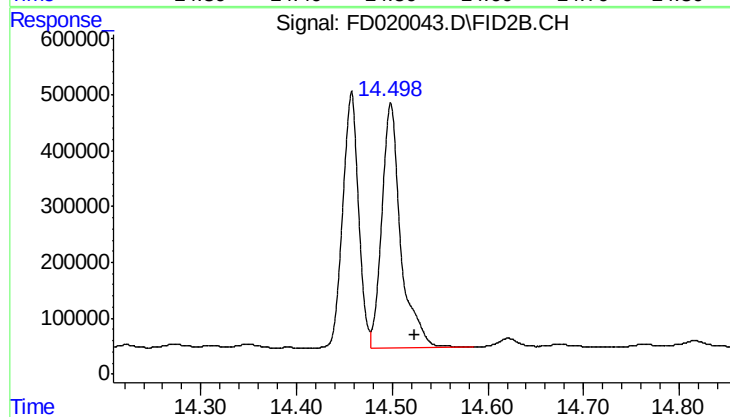
#13 Pyrene (C20.8)

R.T.: 12.580 min
Delta R.T.: -0.024 min
Response: 6897123
Conc: 65.11 ug/ml



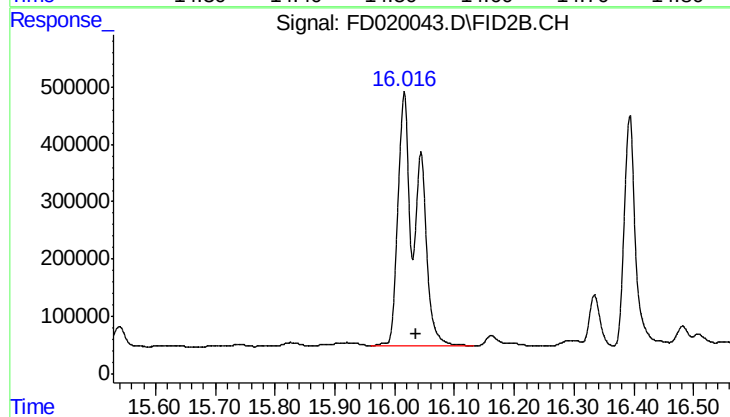
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.498 min
Delta R.T.: 0.017 min
Response: 6040600
Conc: 57.72 ug/ml



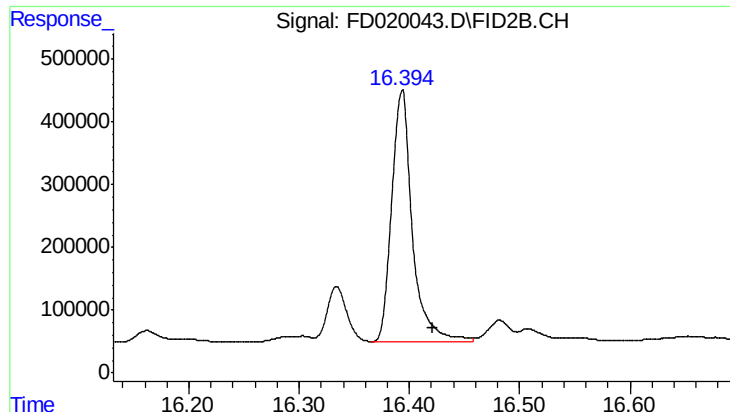
#15 Chrysene (C27.41)

R.T.: 14.498 min
Delta R.T.: -0.026 min
Response: 6040600
Conc: 55.89 ug/ml



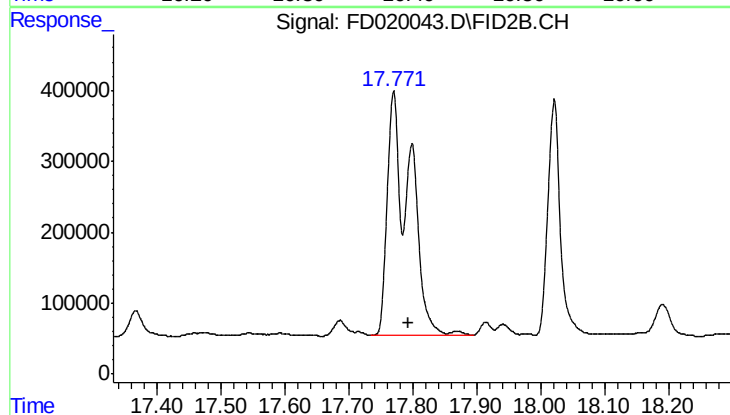
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.015 min
Delta R.T.: -0.021 min
Response: 10161561
Conc: 94.45 ug/ml



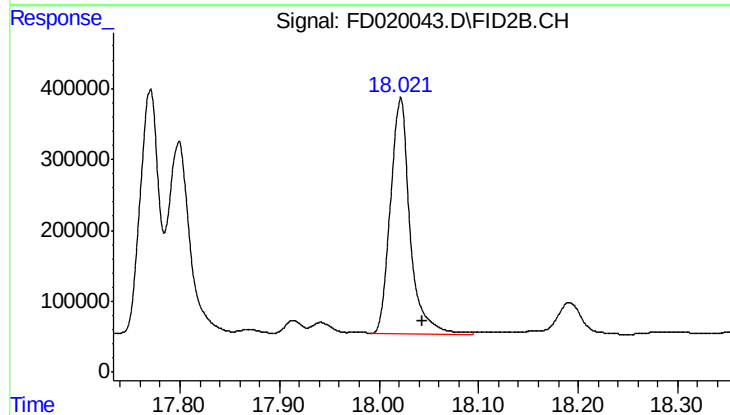
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: -0.028 min
Response: 5220530
Conc: 47.89 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.023 min
Response: 8479957
Conc: 85.72 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.023 min
Response: 4546816
Conc: 43.57 ug/ml