

Data Path : P:\HPCHEM1\FID D\Data\FD020718AR\
 Data File : FD019907.D
 Signal(s) : FID2B.CH
 Acq On : 07 Feb 2018 19:37
 Operator : UA/AJ
 Sample : AROMATIC SILICA GEL CHECK
 Misc : AROMATIC CHECK Lot#1510231
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 05:50:41 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...	7.359	4509375	55.731 ug/ml
Spiked Amount 50.000		Recovery =	111.46%
6) S 2-Fluorobiphenyl (SURR)	8.219	3000275	54.853 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.71%
11) S ortho-Terphenyl (SURR)	11.245	4917716	49.708 ug/ml
Spiked Amount 50.000		Recovery =	99.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.165	4498773	50.818 ug/ml
2) T Naphthalene (C11.7)	5.697	4825099	54.024 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	4985500	54.304 ug/ml
5) T Acenaphthylene (C15.06)	8.016	5145169	54.262 ug/ml
7) T Acenaphthene (C15.5)	8.309	5276725	54.092 ug/ml
8) T Fluorene (C16.55)	9.091	5081159	53.469 ug/ml
9) T Phenanthrene (C19.36)	10.484	5074182	51.040 ug/ml
10) T Anthracene (C19.43)	10.560	4866651	50.045 ug/ml
12) T Fluoranthene (C21.85)	12.293	4900112	46.222 ug/ml
13) T Pyrene (C20.8)	12.588	4753160	44.872 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.464	4657902	44.505 ug/ml
15) T Chrysene (C27.41)	14.506	4723636	43.706 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.051	5329299	49.534 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.051	5329299	47.050 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.399	5137295	47.130 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.806	5434779	54.937 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.806	5434779	47.418 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.027	5168161	49.523 ug/ml

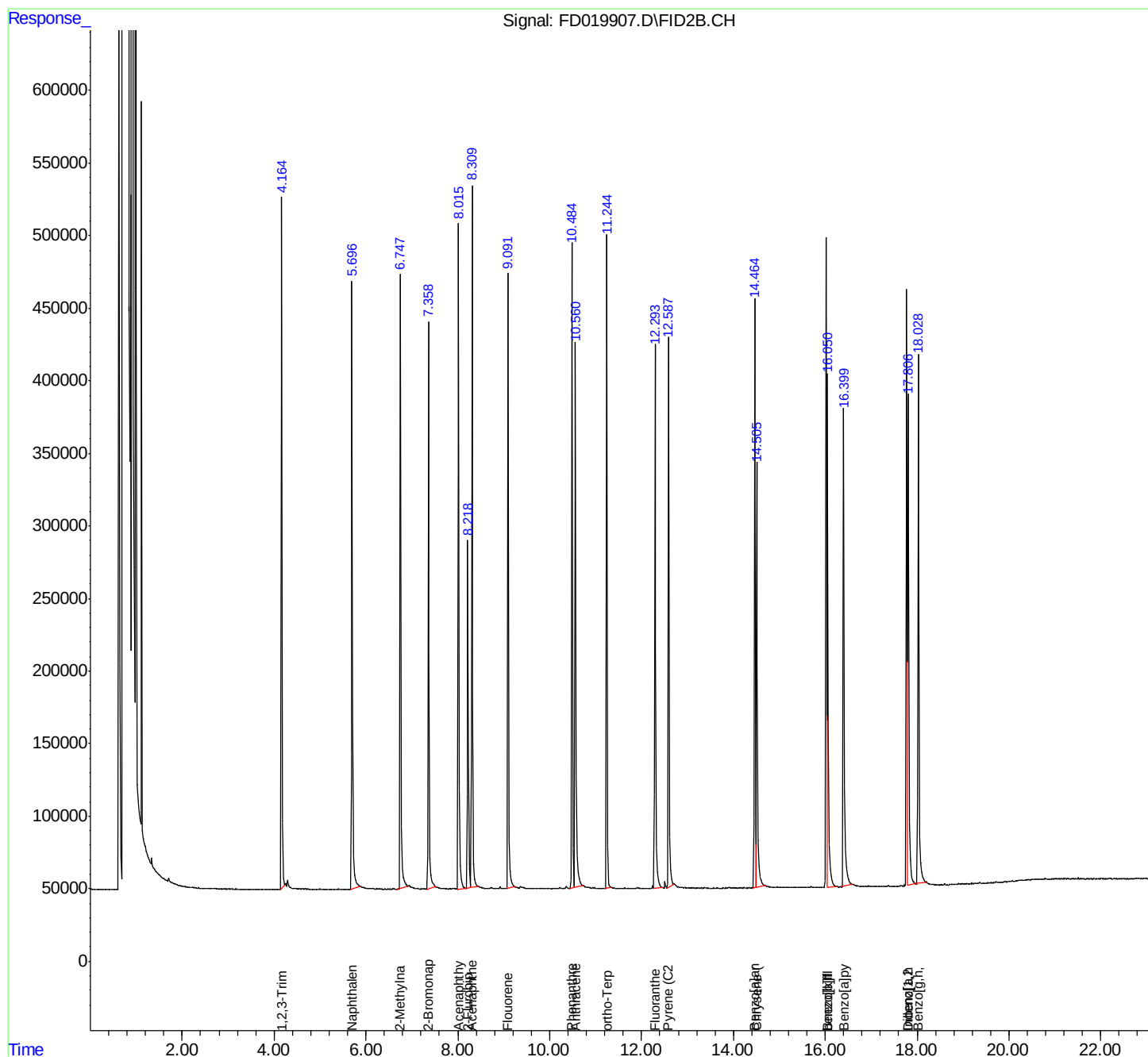
(f)=RT Delta > 1/2 Window

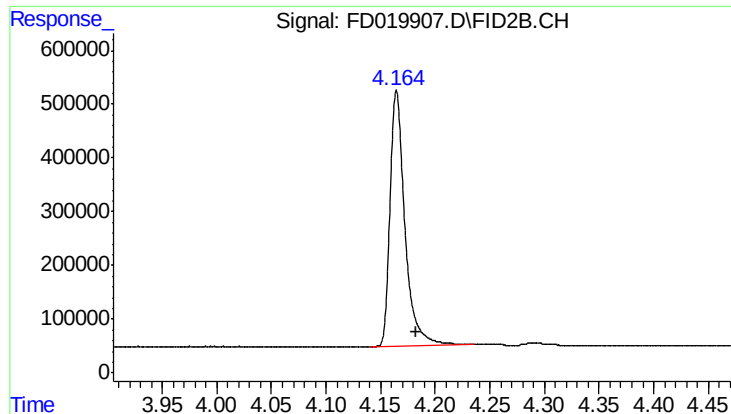
(m)=manual int.

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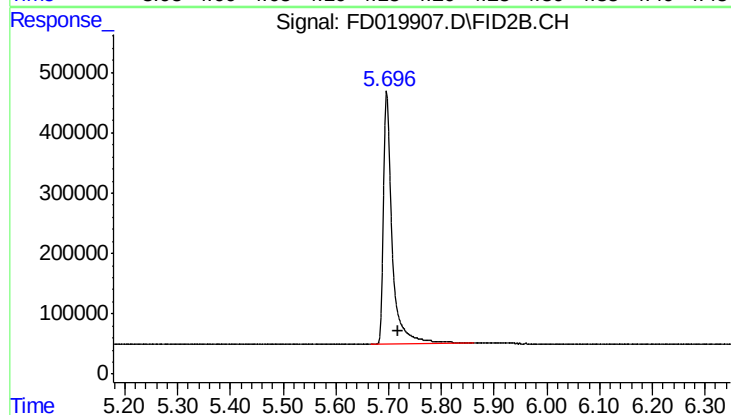
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Signal Info : 20M x 0.18mm x 0.18µm





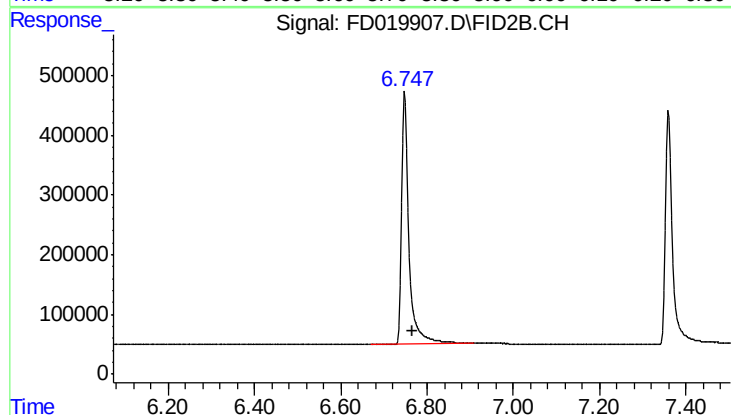
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.165 min
Delta R.T.: -0.018 min
Response: 4498773
Conc: 50.82 ug/ml



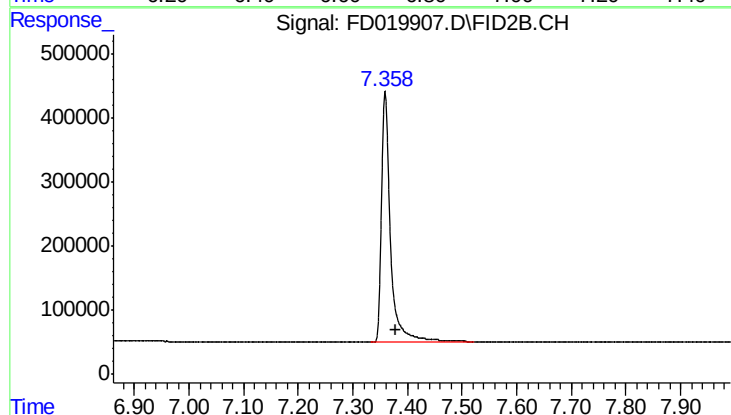
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.020 min
Response: 4825099
Conc: 54.02 ug/ml



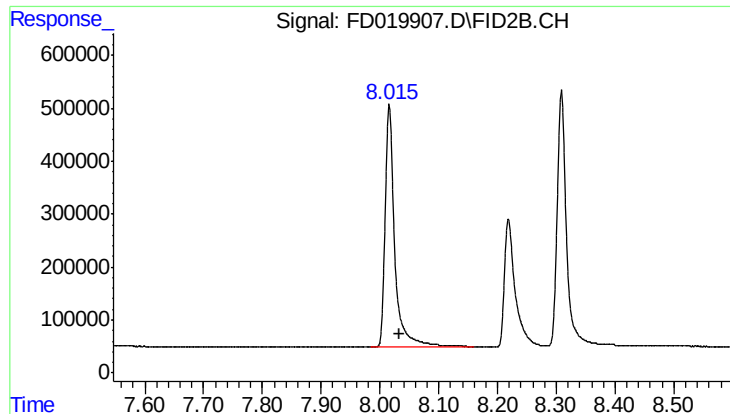
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.018 min
Response: 4985500
Conc: 54.30 ug/ml



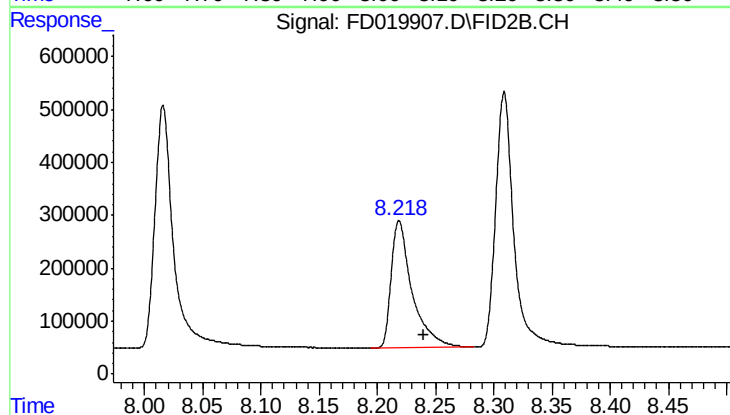
#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.018 min
Response: 4509375
Conc: 55.73 ug/ml



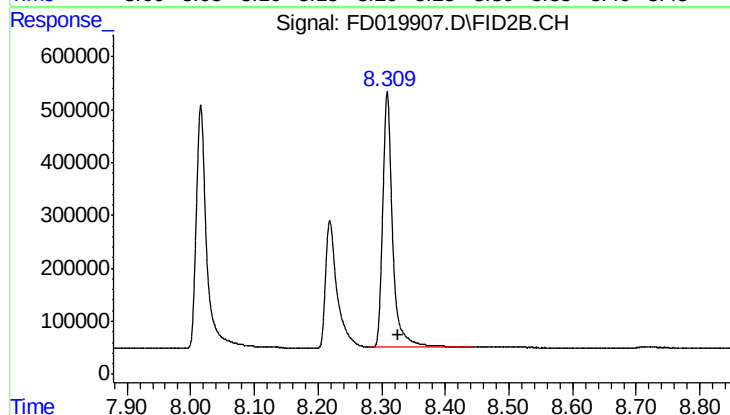
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.018 min
Response: 5145169
Conc: 54.26 ug/ml



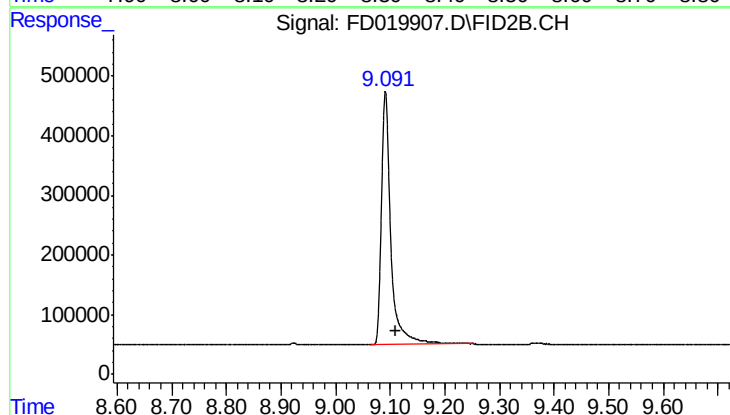
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.219 min
Delta R.T.: -0.021 min
Response: 3000275
Conc: 54.85 ug/ml



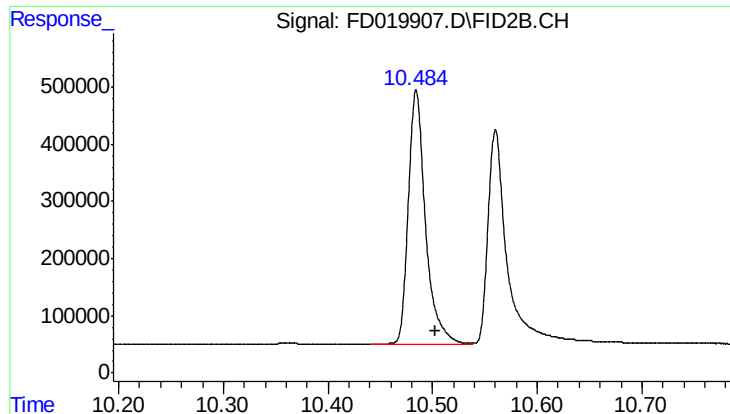
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: -0.017 min
Response: 5276725
Conc: 54.09 ug/ml



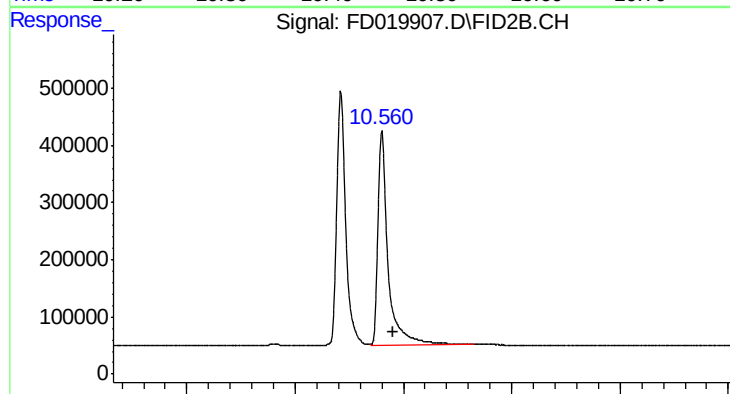
#8 Fluorene (C16.55)

R.T.: 9.091 min
Delta R.T.: -0.018 min
Response: 5081159
Conc: 53.47 ug/ml



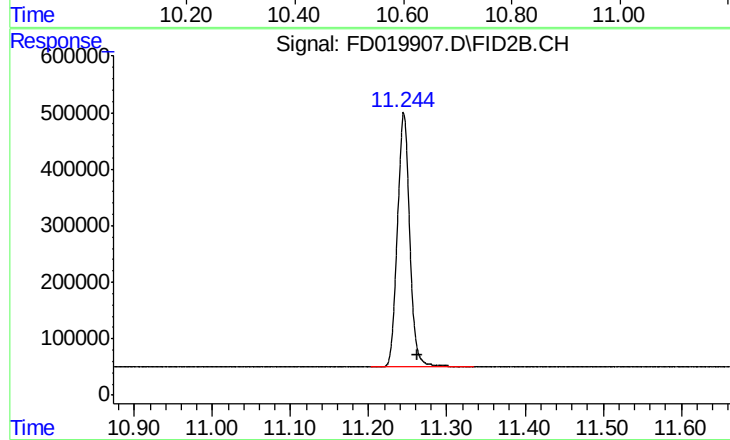
#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: -0.018 min
Response: 5074182
Conc: 51.04 ug/ml



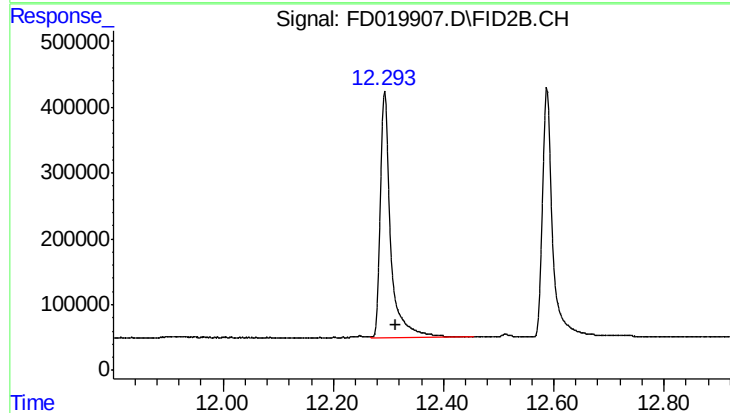
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: -0.020 min
Response: 4866651
Conc: 50.05 ug/ml



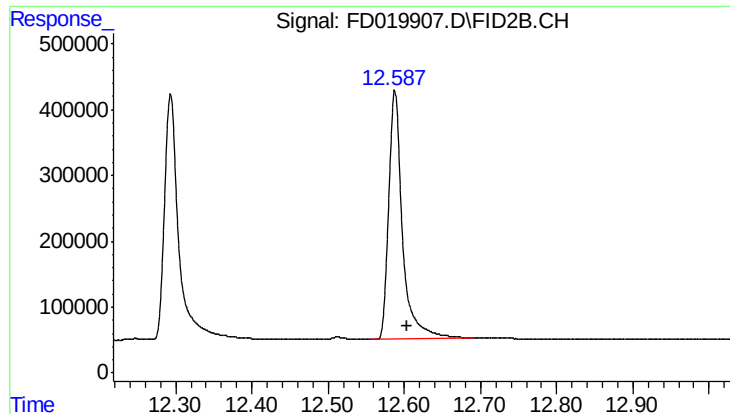
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.018 min
Response: 4917716
Conc: 49.71 ug/ml



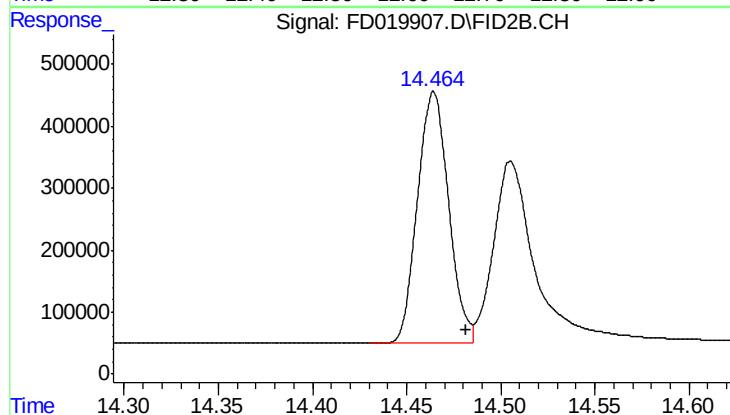
#12 Fluoranthene (C21.85)

R.T.: 12.293 min
Delta R.T.: -0.019 min
Response: 4900112
Conc: 46.22 ug/ml



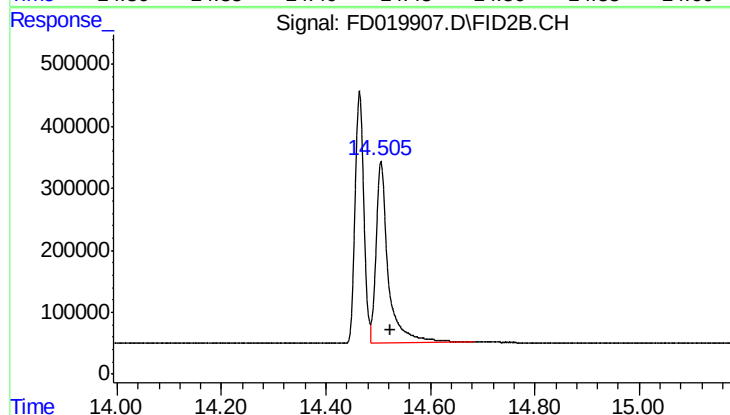
#13 Pyrene (C20.8)

R.T.: 12.588 min
Delta R.T.: -0.016 min
Response: 4753160
Conc: 44.87 ug/ml



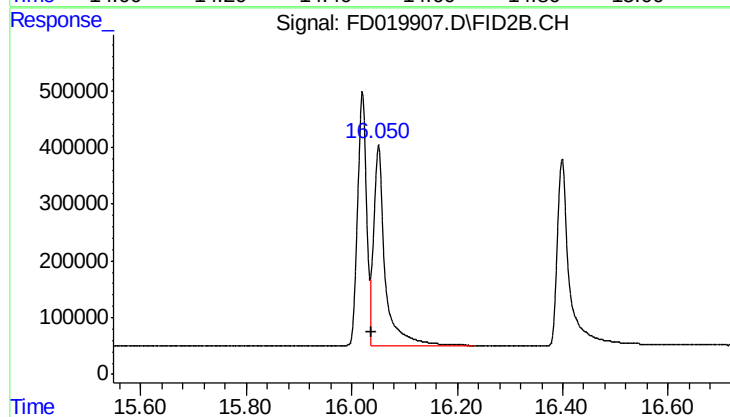
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.017 min
Response: 4657902
Conc: 44.51 ug/ml



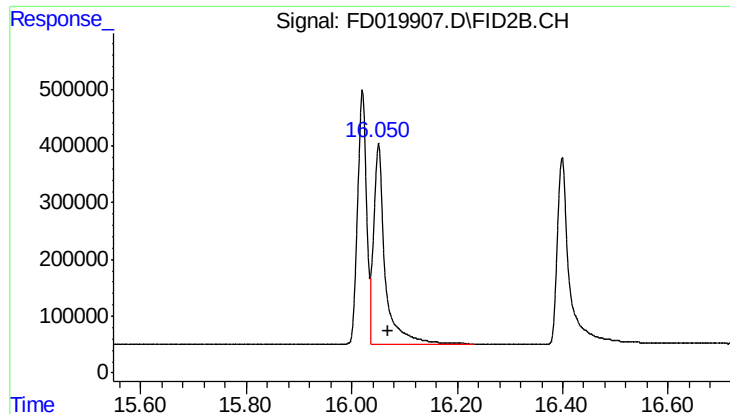
#15 Chrysene (C27.41)

R.T.: 14.506 min
Delta R.T.: -0.019 min
Response: 4723636
Conc: 43.71 ug/ml



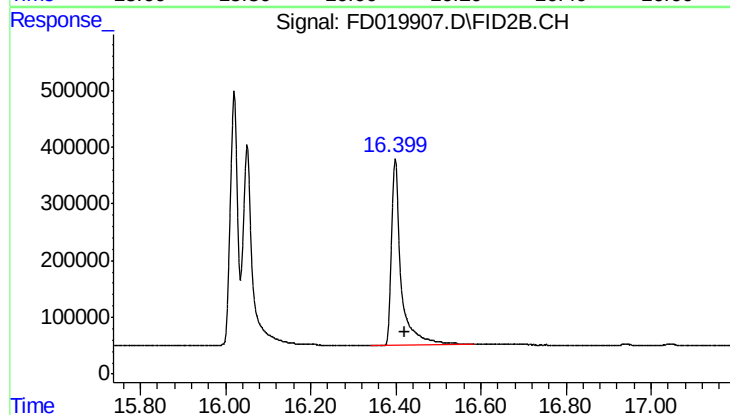
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.051 min
Delta R.T.: 0.014 min
Response: 5329299
Conc: 49.53 ug/ml



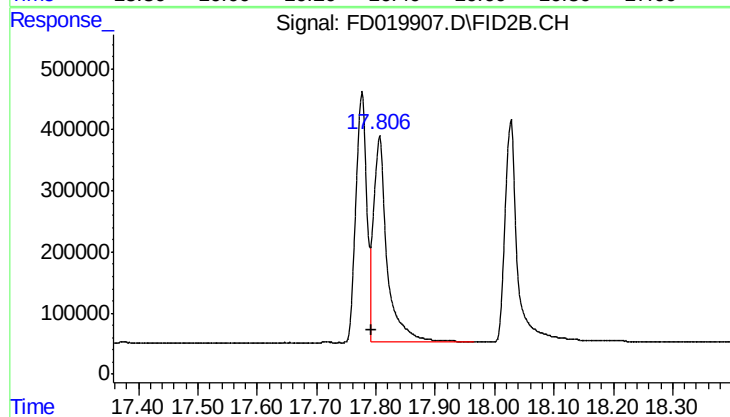
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.051 min
Delta R.T.: -0.017 min
Response: 5329299
Conc: 47.05 ug/ml



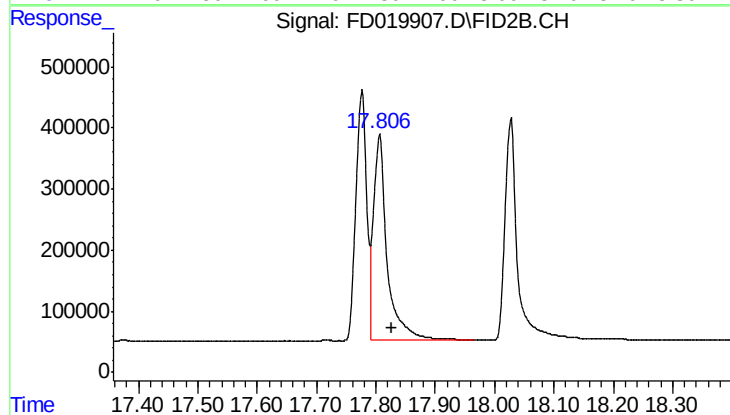
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.399 min
Delta R.T.: -0.022 min
Response: 5137295
Conc: 47.13 ug/ml



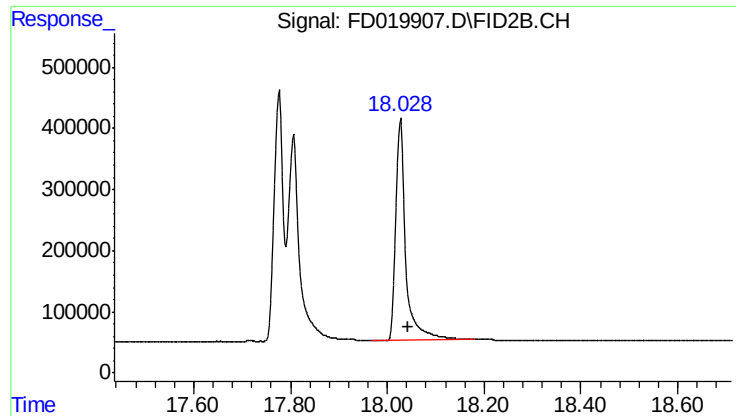
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.806 min
Delta R.T.: 0.013 min
Response: 5434779
Conc: 54.94 ug/ml



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

R.T.: 17.806 min
Delta R.T.: -0.020 min
Response: 5434779
Conc: 47.42 ug/ml



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

R.T.: 18.027 min
Delta R.T.: -0.017 min
Response: 5168161
Conc: 49.52 ug/ml