

Data Path : P:\HPCHEM1\FID D\Data\FD033018AR\
 Data File : FD022713.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2018 11:16
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 15:33:42 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.318	1846341	21.344 ug/ml
Spiked Amount 50.000		Recovery =	42.69%
6) S 2-Fluorobiphenyl (SURR)	8.178	1185052	22.434 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.87%
11) S ortho-Terphenyl (SURR)	11.197	2282250	21.471 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.126	1926230	19.777 ug/ml
2) T Naphthalene (C11.7)	5.658	1959246	21.098 ug/ml
3) T 2-Methylnaphthalene (...)	6.707	1961809	21.342 ug/ml
5) T Acenaphthylene (C15.06)	7.972	2177933	21.597 ug/ml
7) T Acenaphthene (C15.5)	8.264	2340058	21.294 ug/ml
8) T Fluorene (C16.55)	9.046	2223115	22.074 ug/ml
9) T Phenanthrene (C19.36)	10.439	2309619	21.946 ug/ml
10) T Anthracene (C19.43)	10.516	2323679	21.656 ug/ml
12) T Fluoranthene (C21.85)	12.249	2462545	21.725 ug/ml
13) T Pyrene (C20.8)	12.543	2437697	21.723 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.422	2236628	21.658 ug/ml
15) T Chrysene (C27.41)	14.463	2464075	21.223 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.980	2208191	21.252 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.009	2612601	21.554 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.364	2247598	21.107 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.746	1216348	18.165 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.770	2588584	21.300 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.998	1485178	18.010 ug/ml

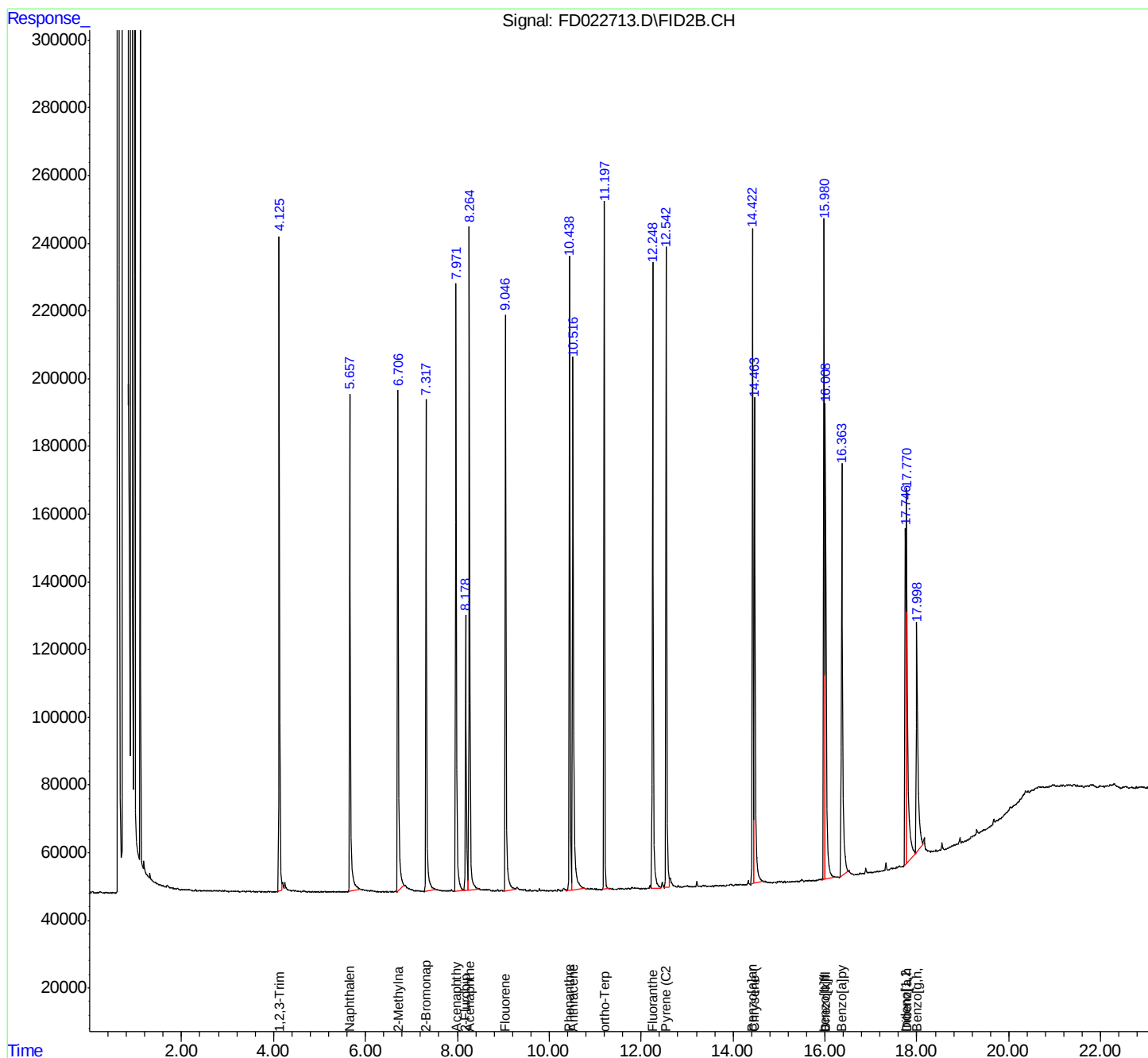
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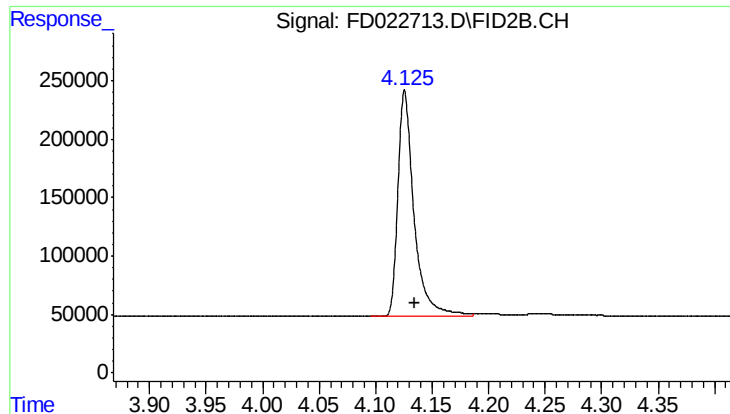
(m)=manual int.

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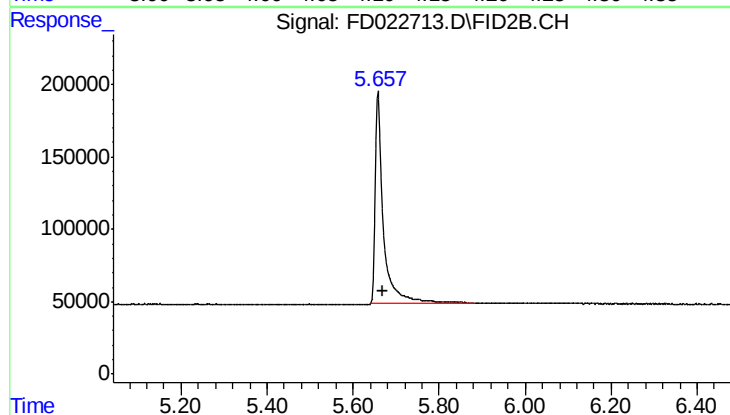
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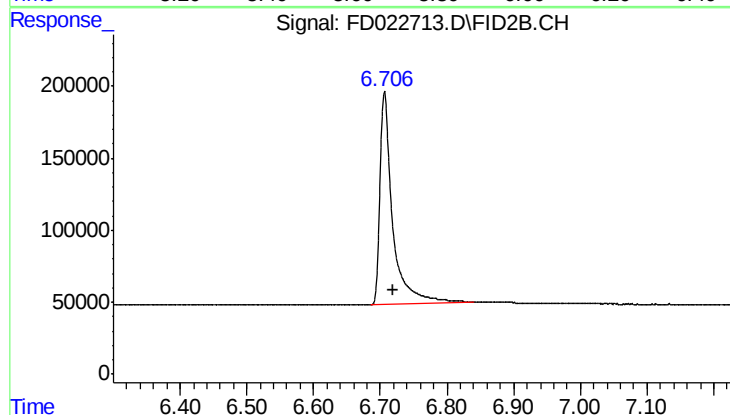
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.126 min
Delta R.T.: -0.009 min
Response: 1926230
Conc: 19.78 ug/ml



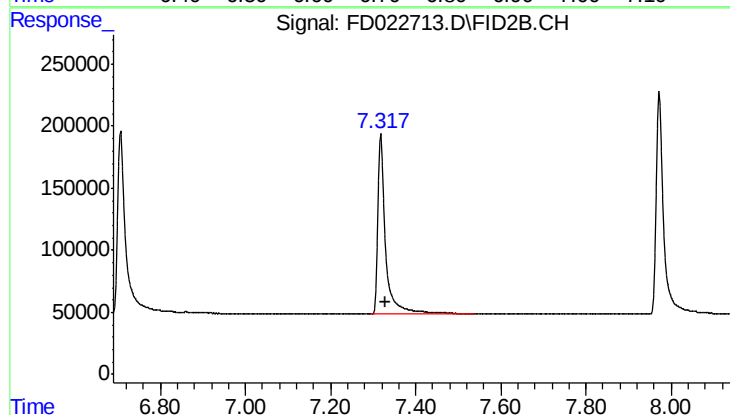
#2 Naphthalene (C11.7)

R.T.: 5.658 min
Delta R.T.: -0.013 min
Response: 1959246
Conc: 21.10 ug/ml



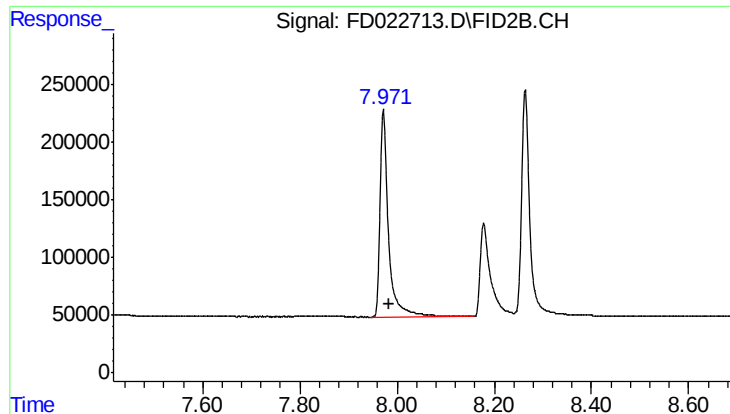
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.707 min
Delta R.T.: -0.014 min
Response: 1961809
Conc: 21.34 ug/ml



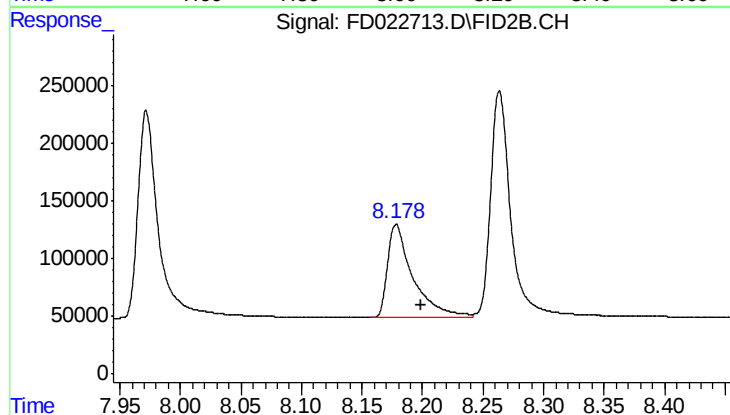
#4 2-Bromonaphthalene (SURR)

R.T.: 7.318 min
Delta R.T.: -0.012 min
Response: 1846341
Conc: 21.34 ug/ml



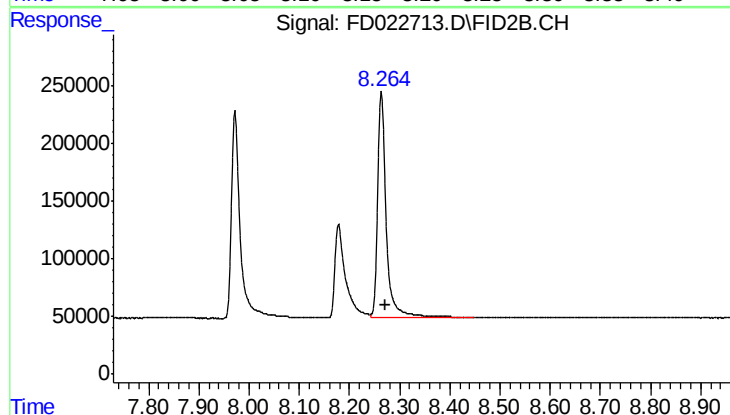
#5 Acenaphthylene (C15.06)

R.T.: 7.972 min
Delta R.T.: -0.011 min
Response: 2177933
Conc: 21.60 ug/ml



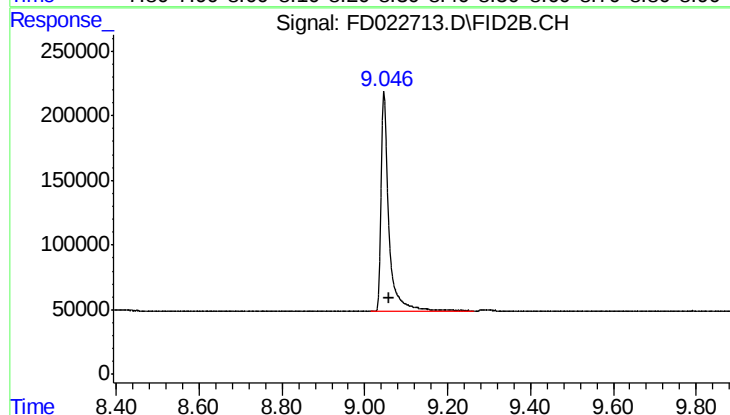
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.178 min
Delta R.T.: -0.021 min
Response: 1185052
Conc: 22.43 ug/ml



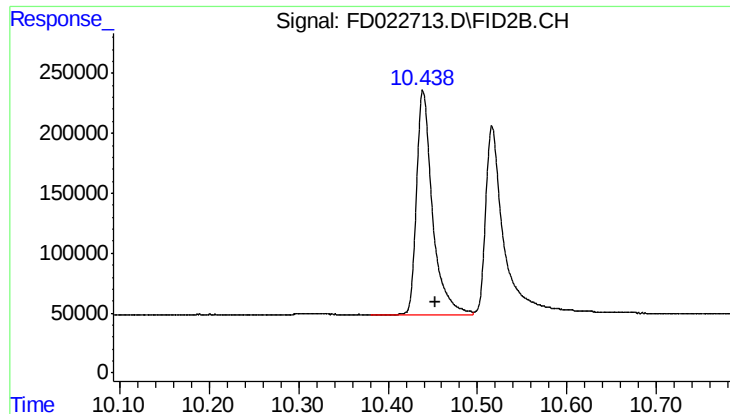
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.009 min
Response: 2340058
Conc: 21.29 ug/ml



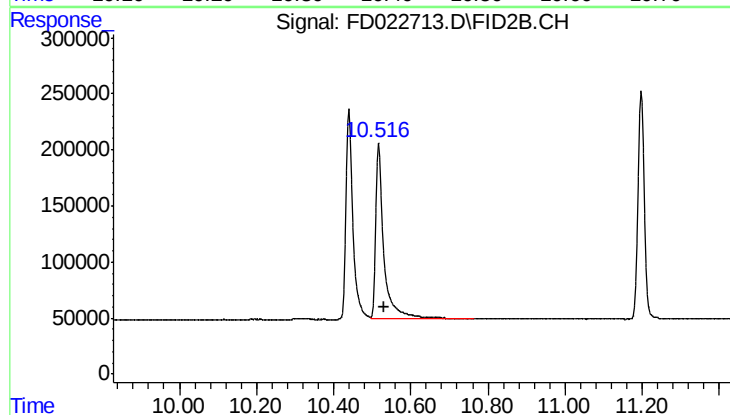
#8 Fluorene (C16.55)

R.T.: 9.046 min
Delta R.T.: -0.013 min
Response: 2223115
Conc: 22.07 ug/ml



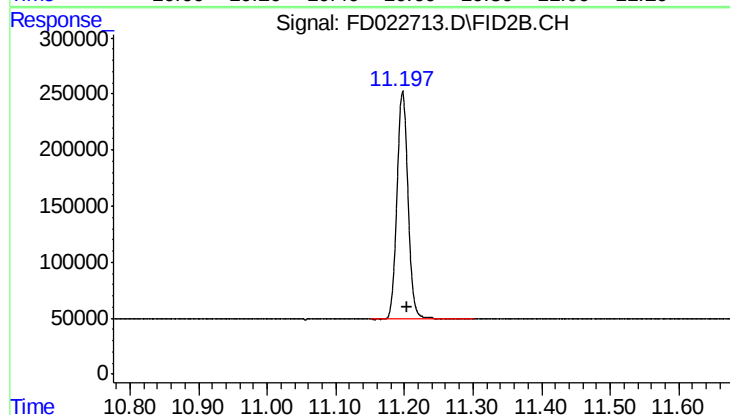
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.013 min
Response: 2309619
Conc: 21.95 ug/ml



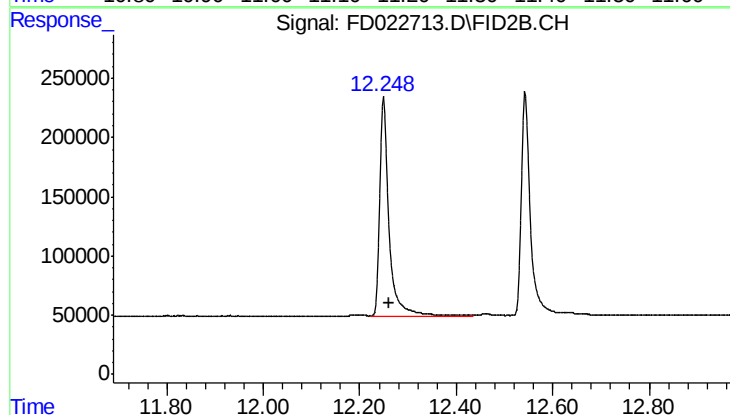
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.015 min
Response: 2323679
Conc: 21.66 ug/ml



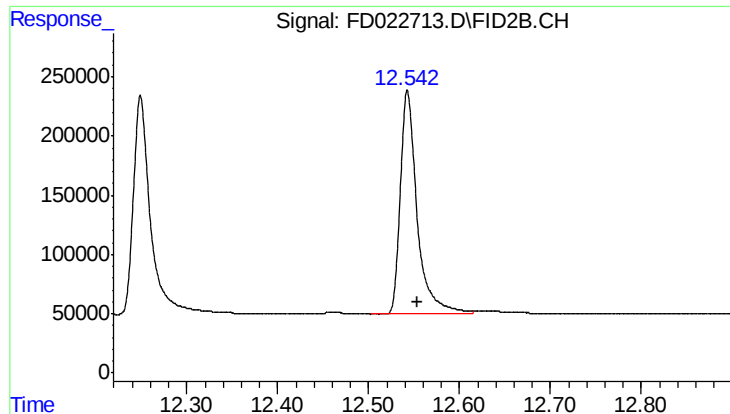
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.006 min
Response: 2282250
Conc: 21.47 ug/ml



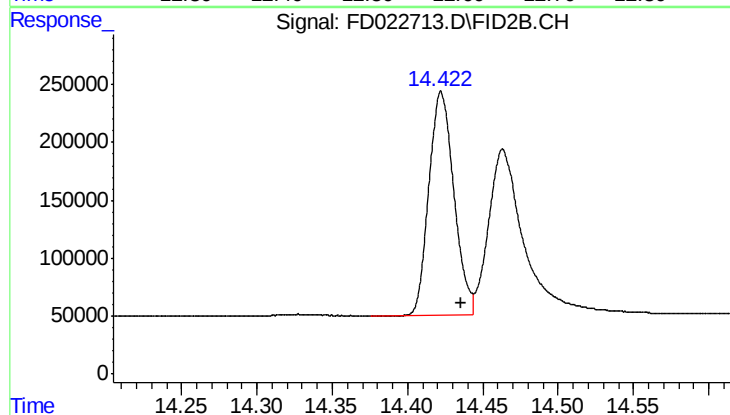
#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: -0.012 min
Response: 2462545
Conc: 21.72 ug/ml



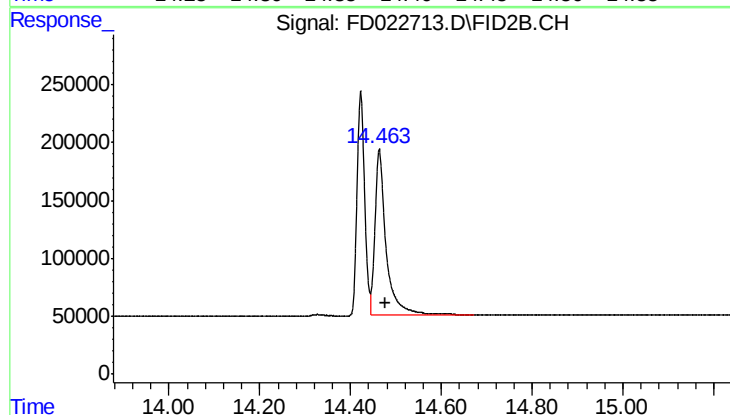
#13 Pyrene (C20.8)

R.T.: 12.543 min
Delta R.T.: -0.011 min
Response: 2437697
Conc: 21.72 ug/ml



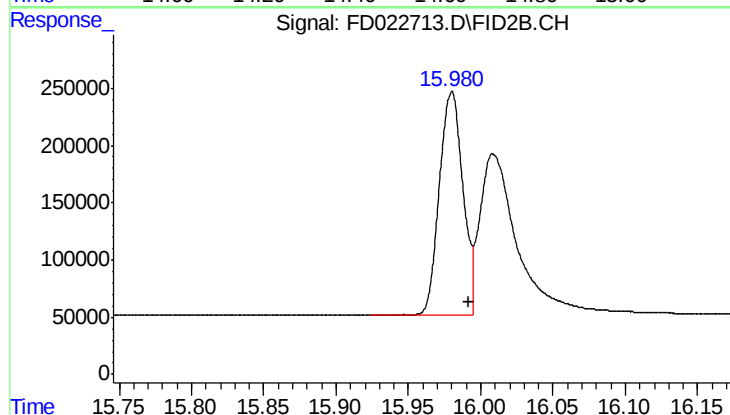
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.013 min
Response: 2236628
Conc: 21.66 ug/ml



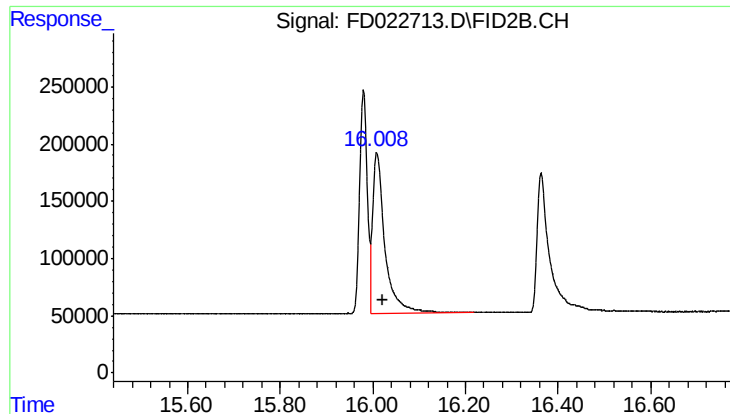
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.014 min
Response: 2464075
Conc: 21.22 ug/ml



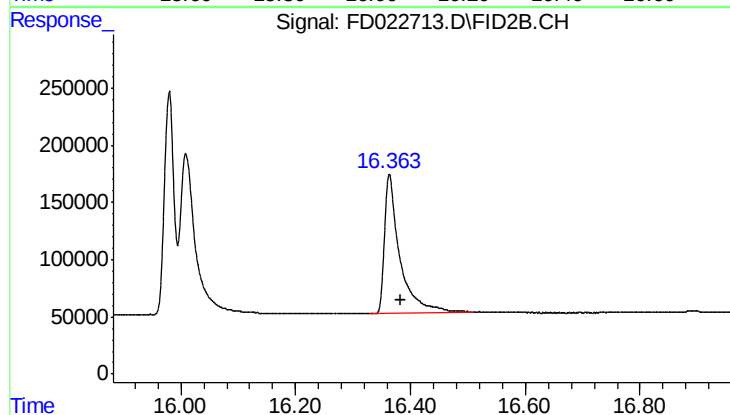
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.980 min
Delta R.T.: -0.012 min
Response: 2208191
Conc: 21.25 ug/ml



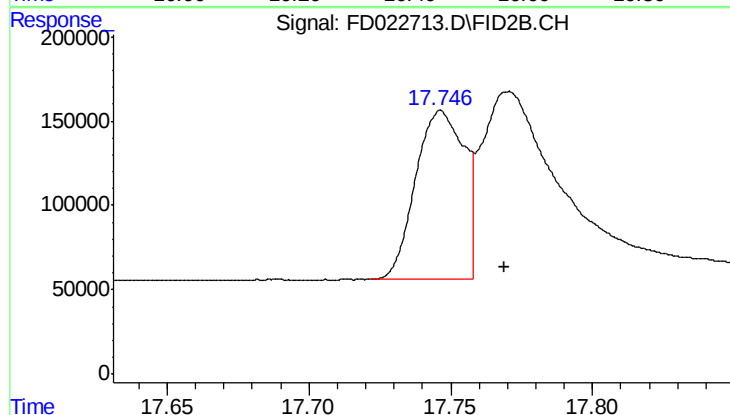
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.014 min
Response: 2612601
Conc: 21.55 ug/ml



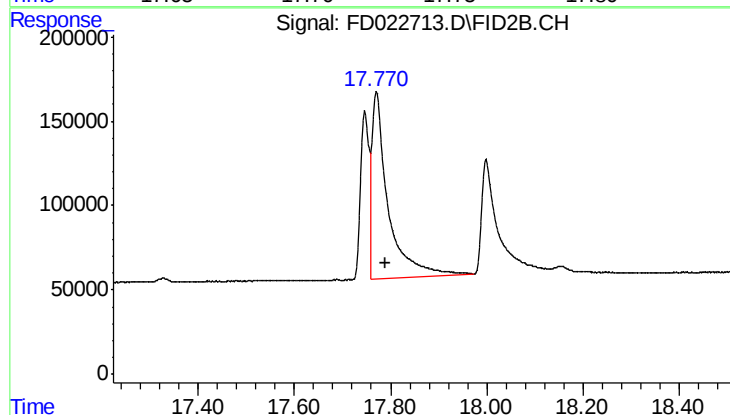
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.019 min
Response: 2247598
Conc: 21.11 ug/ml



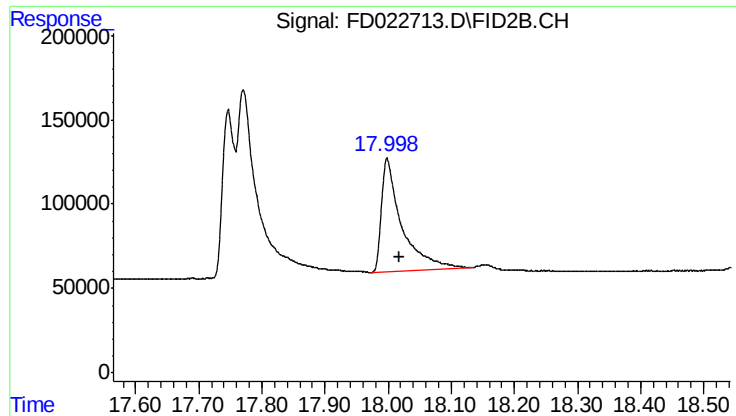
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.746 min
Delta R.T.: -0.023 min
Response: 1216348
Conc: 18.16 ug/ml m



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

R.T.: 17.770 min
Delta R.T.: -0.019 min
Response: 2588584
Conc: 21.30 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.020 min
Response: 1485178
Conc: 18.01 ug/ml