

Data Path : P:\HPCHEM1\FID D\Data\FD040918AR\
 Data File : FD022896.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2018 16:42
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 05:18:03 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...	7.304	1868001	21.594 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
6) S 2-Fluorobiphenyl (SURR)	8.166	1187079	22.472 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.94%
11) S ortho-Terphenyl (SURR)	11.185	2289013	21.535 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.112	1882216	19.325 ug/ml
2) T Naphthalene (C11.7)	5.643	1985849	21.385 ug/ml
3) T 2-Methylnaphthalene (...)	6.692	1970206	21.433 ug/ml
5) T Acenaphthylene (C15.06)	7.959	2187952	21.696 ug/ml
7) T Acenaphthene (C15.5)	8.250	2384819	21.701 ug/ml
8) T Fluorene (C16.55)	9.034	2241363	22.255 ug/ml
9) T Phenanthrene (C19.36)	10.427	2256563	21.442 ug/ml
10) T Anthracene (C19.43)	10.504	2280254	21.251 ug/ml
12) T Fluoranthene (C21.85)	12.237	2390647	21.091 ug/ml
13) T Pyrene (C20.8)	12.531	2368147	21.103 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.411	2132634	20.651 ug/mlm
15) T Chrysene (C27.41)	14.453	2417761	20.824 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.969	2125873	20.460 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.001	2612480	21.553 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.355	2140922	20.105 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.737	1319606	19.707 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.763	2523398	20.764 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.987	1640810	19.898 ug/ml

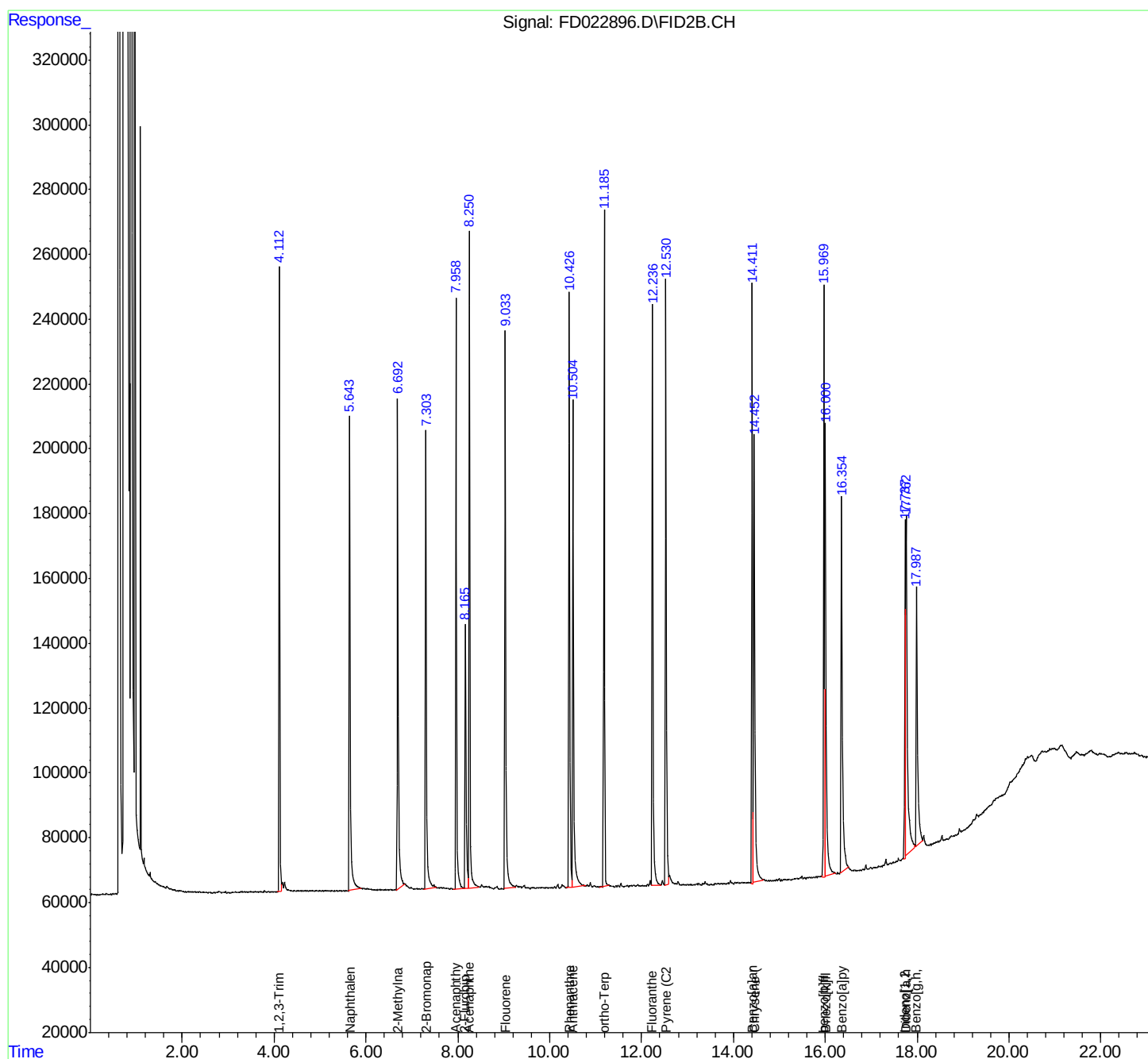
(f)=RT Delta > 1/2 Window

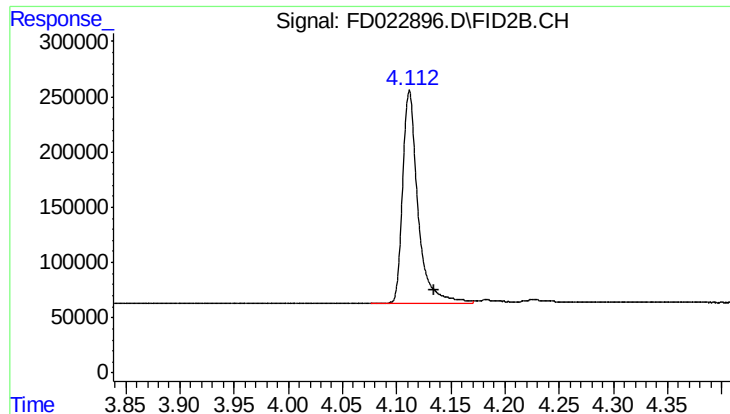
(m)=manual int.

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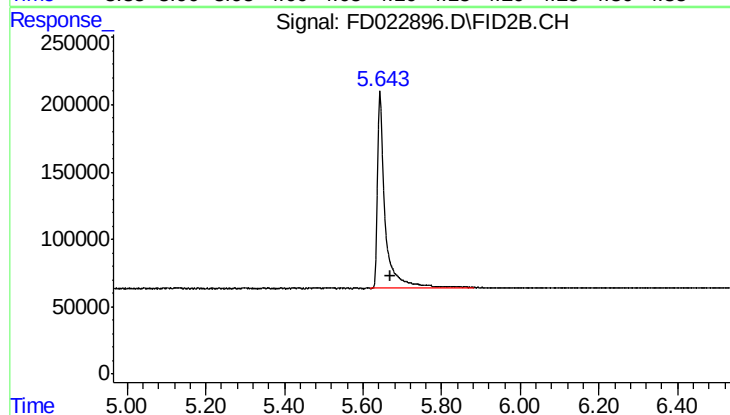
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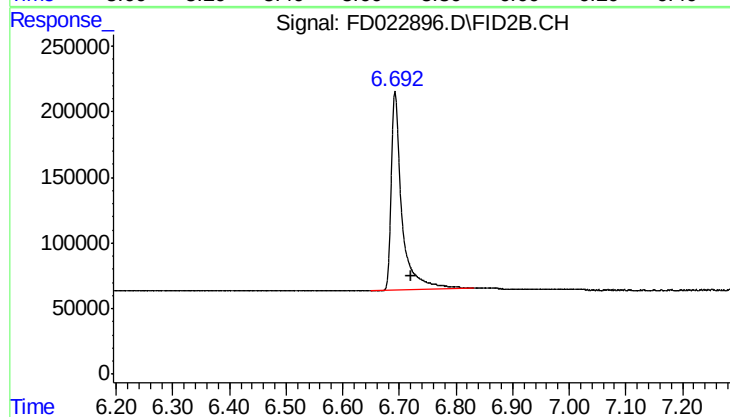
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.112 min
Delta R.T.: -0.023 min
Response: 1882216
Conc: 19.33 ug/ml



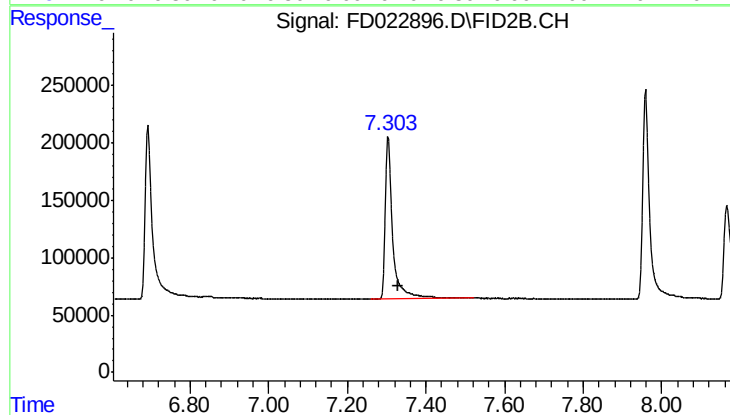
#2 Naphthalene (C11.7)

R.T.: 5.643 min
Delta R.T.: -0.027 min
Response: 1985849
Conc: 21.38 ug/ml



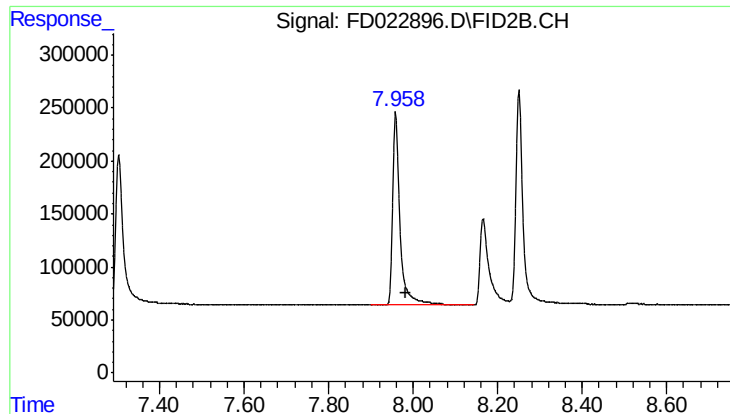
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.692 min
Delta R.T.: -0.028 min
Response: 1970206
Conc: 21.43 ug/ml



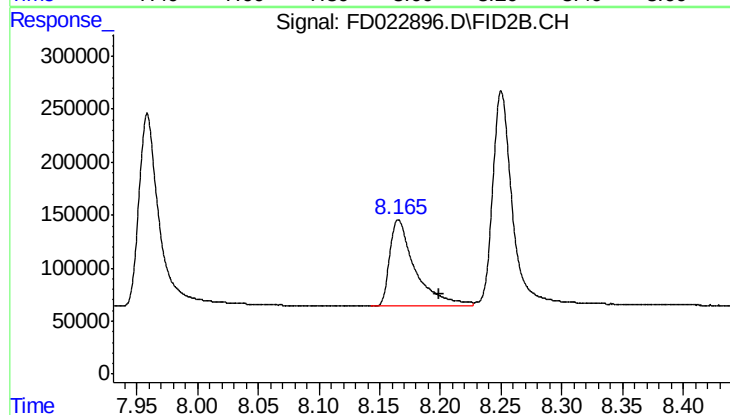
#4 2-Bromonaphthalene (SURR)

R.T.: 7.304 min
Delta R.T.: -0.026 min
Response: 1868001
Conc: 21.59 ug/ml



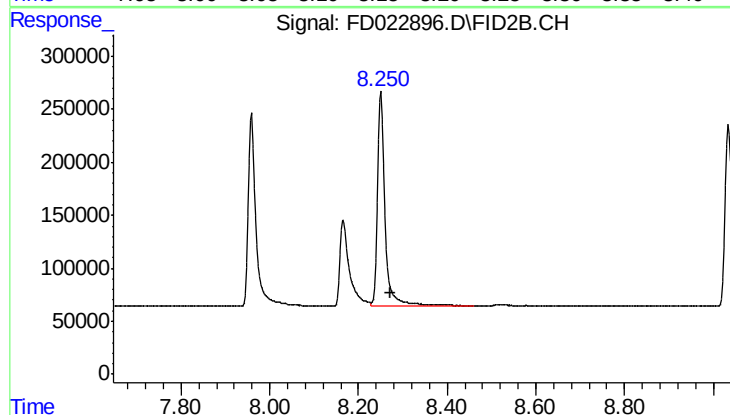
#5 Acenaphthylene (C15.06)

R.T.: 7.959 min
Delta R.T.: -0.024 min
Response: 2187952
Conc: 21.70 ug/ml



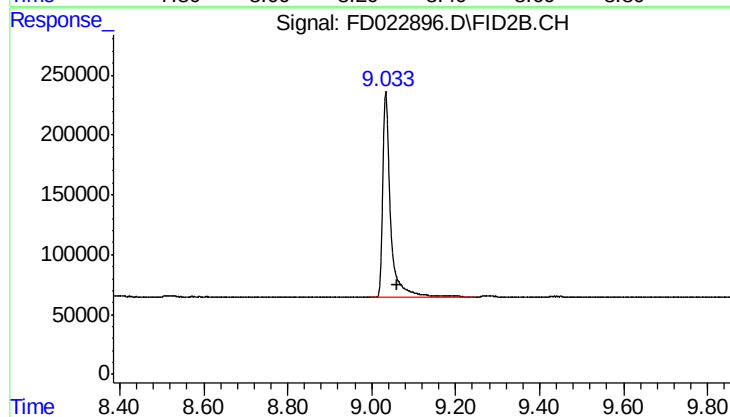
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.166 min
Delta R.T.: -0.034 min
Response: 1187079
Conc: 22.47 ug/ml



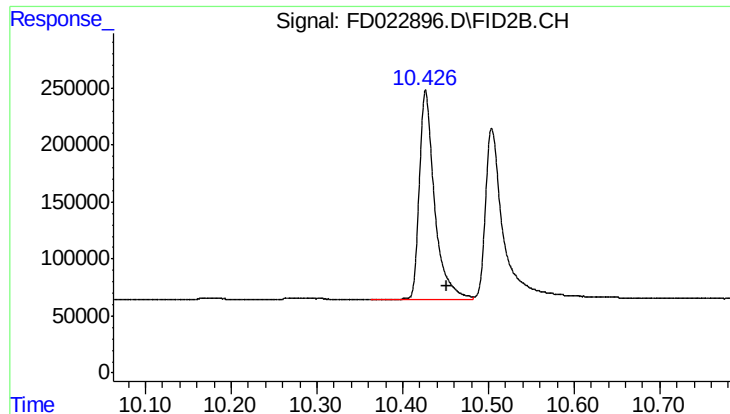
#7 Acenaphthene (C15.5)

R.T.: 8.250 min
Delta R.T.: -0.022 min
Response: 2384819
Conc: 21.70 ug/ml



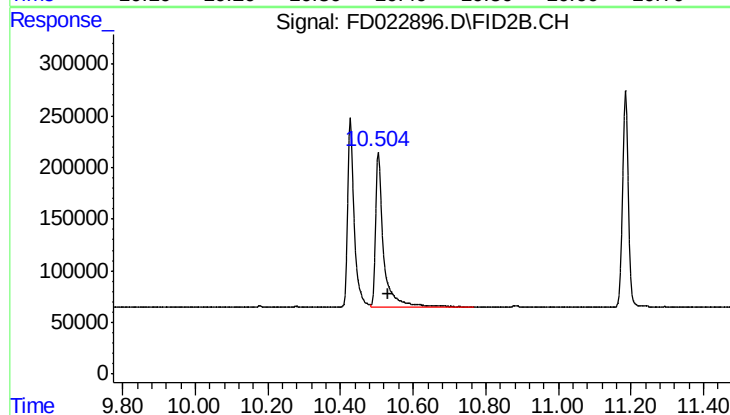
#8 Fluorene (C16.55)

R.T.: 9.034 min
Delta R.T.: -0.026 min
Response: 2241363
Conc: 22.25 ug/ml



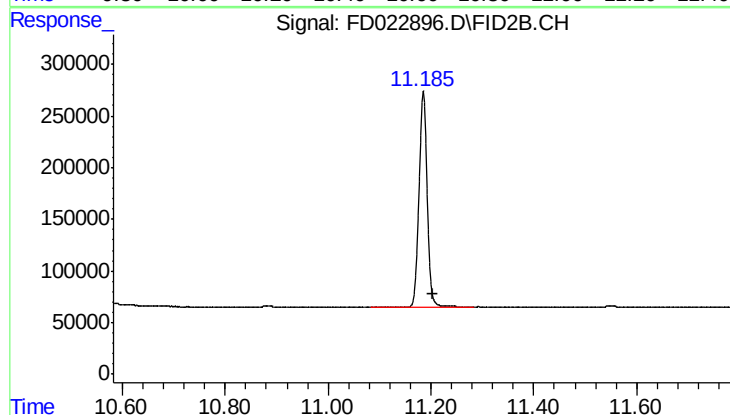
#9 Phenanthrene (C19.36)

R.T.: 10.427 min
Delta R.T.: -0.025 min
Response: 2256563
Conc: 21.44 ug/ml



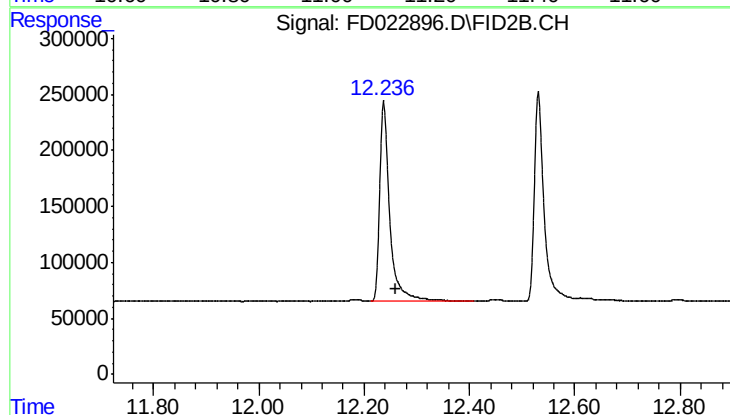
#10 Anthracene (C19.43)

R.T.: 10.504 min
Delta R.T.: -0.028 min
Response: 2280254
Conc: 21.25 ug/ml



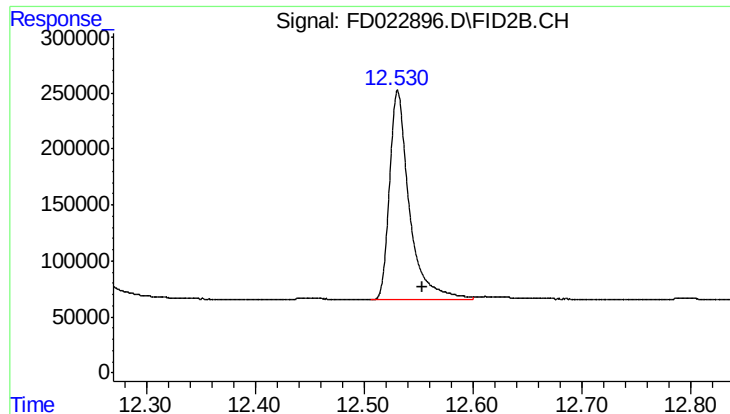
#11 ortho-Terphenyl (SURR)

R.T.: 11.185 min
Delta R.T.: -0.018 min
Response: 2289013
Conc: 21.53 ug/ml



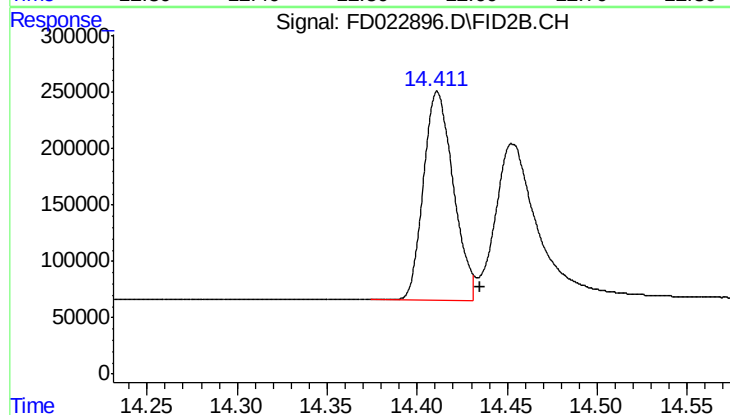
#12 Fluoranthene (C21.85)

R.T.: 12.237 min
Delta R.T.: -0.024 min
Response: 2390647
Conc: 21.09 ug/ml



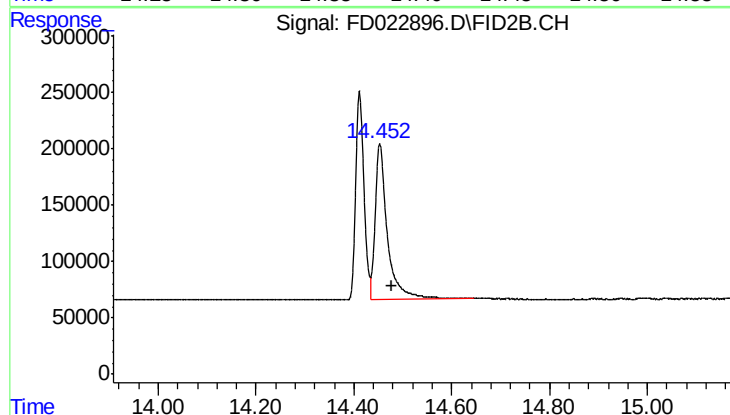
#13 Pyrene (C20.8)

R.T.: 12.531 min
Delta R.T.: -0.023 min
Response: 2368147
Conc: 21.10 ug/ml



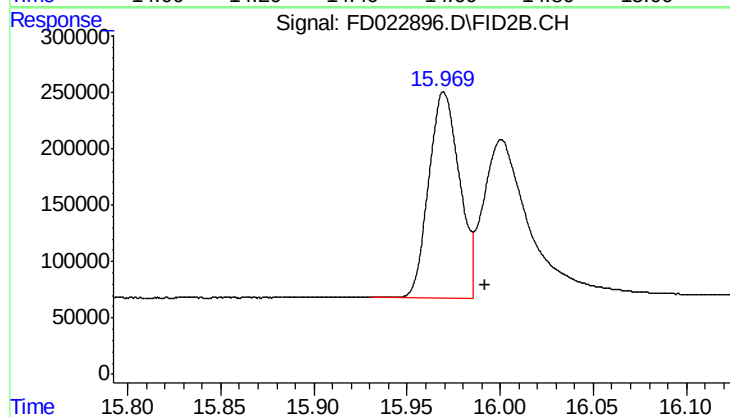
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: -0.024 min
Response: 2132634
Conc: 20.65 ug/ml m



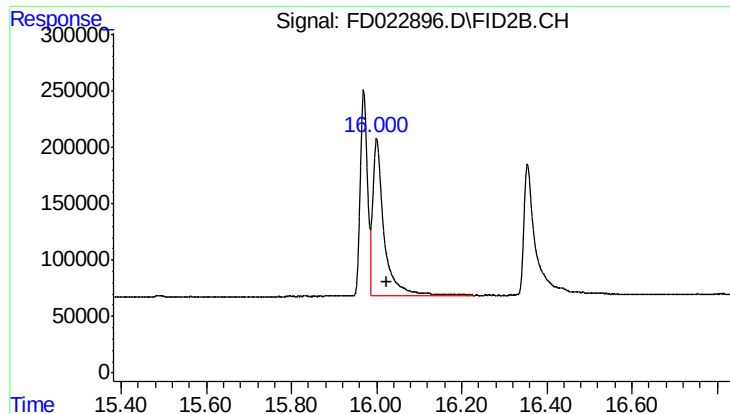
#15 Chrysene (C27.41)

R.T.: 14.453 min
Delta R.T.: -0.024 min
Response: 2417761
Conc: 20.82 ug/ml



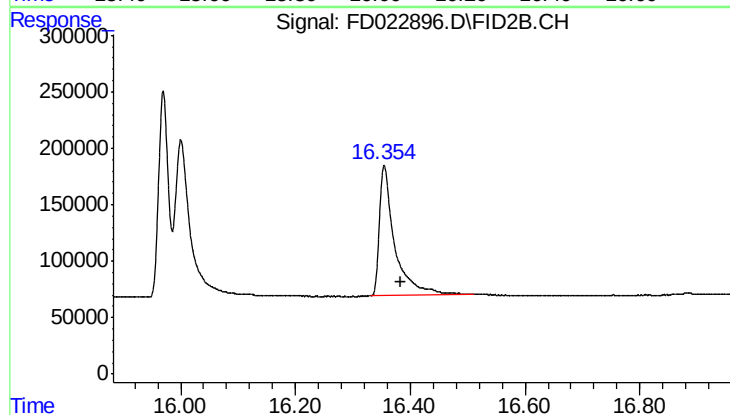
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.969 min
Delta R.T.: -0.023 min
Response: 2125873
Conc: 20.46 ug/ml m



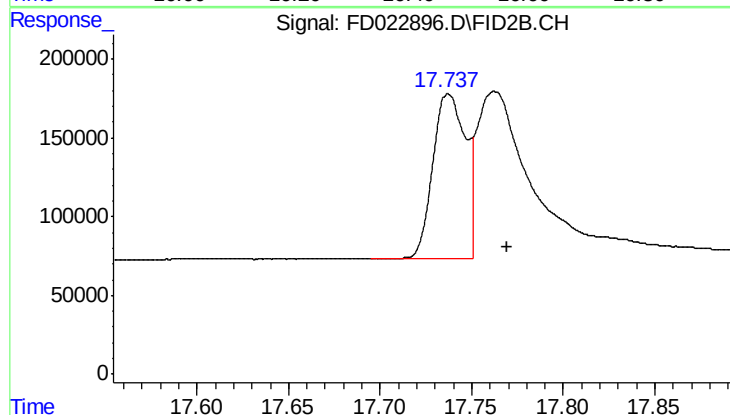
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.001 min
Delta R.T.: -0.022 min
Response: 2612480
Conc: 21.55 ug/ml



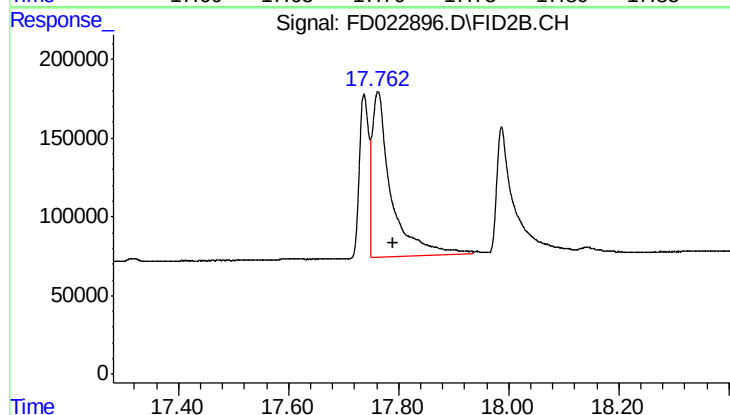
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: -0.028 min
Response: 2140922
Conc: 20.11 ug/ml



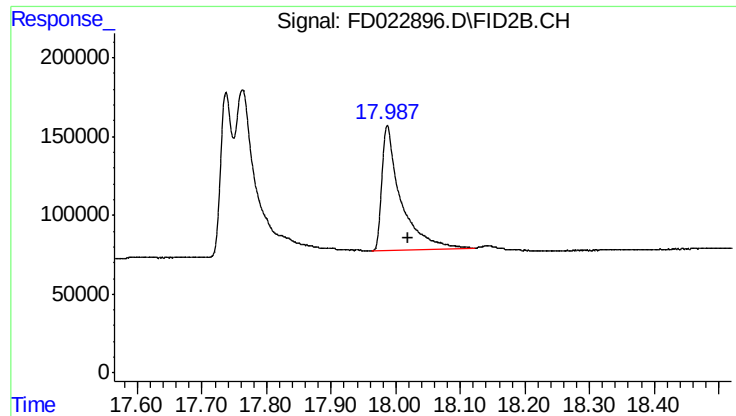
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: -0.032 min
Response: 1319606
Conc: 19.71 ug/ml m



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

R.T.: 17.763 min
Delta R.T.: -0.027 min
Response: 2523398
Conc: 20.76 ug/ml



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

R.T.: 17.987 min
Delta R.T.: -0.032 min
Response: 1640810
Conc: 19.90 ug/ml