

Data Path : P:\HPCHEM1\FID D\Data\FD011818AR\
 Data File : FD019132.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2018 12:57
 Operator : UA/AJ
 Sample : 100 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 04:21:24 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:10:01 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...	7.377	8679997	104.563 ug/ml
Spiked Amount 50.000		Recovery =	209.13%
6) S 2-Fluorobiphenyl (SURR)	8.235	6023771	110.590 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	221.18%#
11) S ortho-Terphenyl (SURR)	11.271	10017260	103.343 ug/ml
Spiked Amount 50.000		Recovery =	206.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	9085063	107.123 ug/ml
2) T Naphthalene (C11.7)	5.712	9623698	107.192 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	9863253	109.704 ug/ml
5) T Acenaphthylene (C15.06)	8.036	9781225	105.504 ug/ml
7) T Acenaphthene (C15.5)	8.332	9947454	100.163 ug/ml
8) T Fluorene (C16.55)	9.112	9947038	104.533 ug/ml
9) T Phenanthrene (C19.36)	10.507	10353598	105.925 ug/ml
10) T Anthracene (C19.43)	10.584	10284817	101.241 ug/ml
12) T Fluoranthene (C21.85)	12.320	10898509	104.842 ug/ml
13) T Pyrene (C20.8)	12.615	10966096	101.347 ug/ml
14) T Benzo[alanthracene (C...	14.492	11061348	108.467 ug/ml
15) T Chrysene (C27.41)	14.537	10790239	100.793 ug/ml
16) T benzo[b]fluoranthene ...	16.049	11325426	109.810 ug/ml
17) T Benzo[k]fluoranthene ...	16.087	11133234	110.442 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.431	11174319	105.332 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	11182895	116.191 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	10800888	100.343 ug/mlm
21) T Benzo[a,h,i]perylene ...	18.064	10770996	104.106 ug/ml

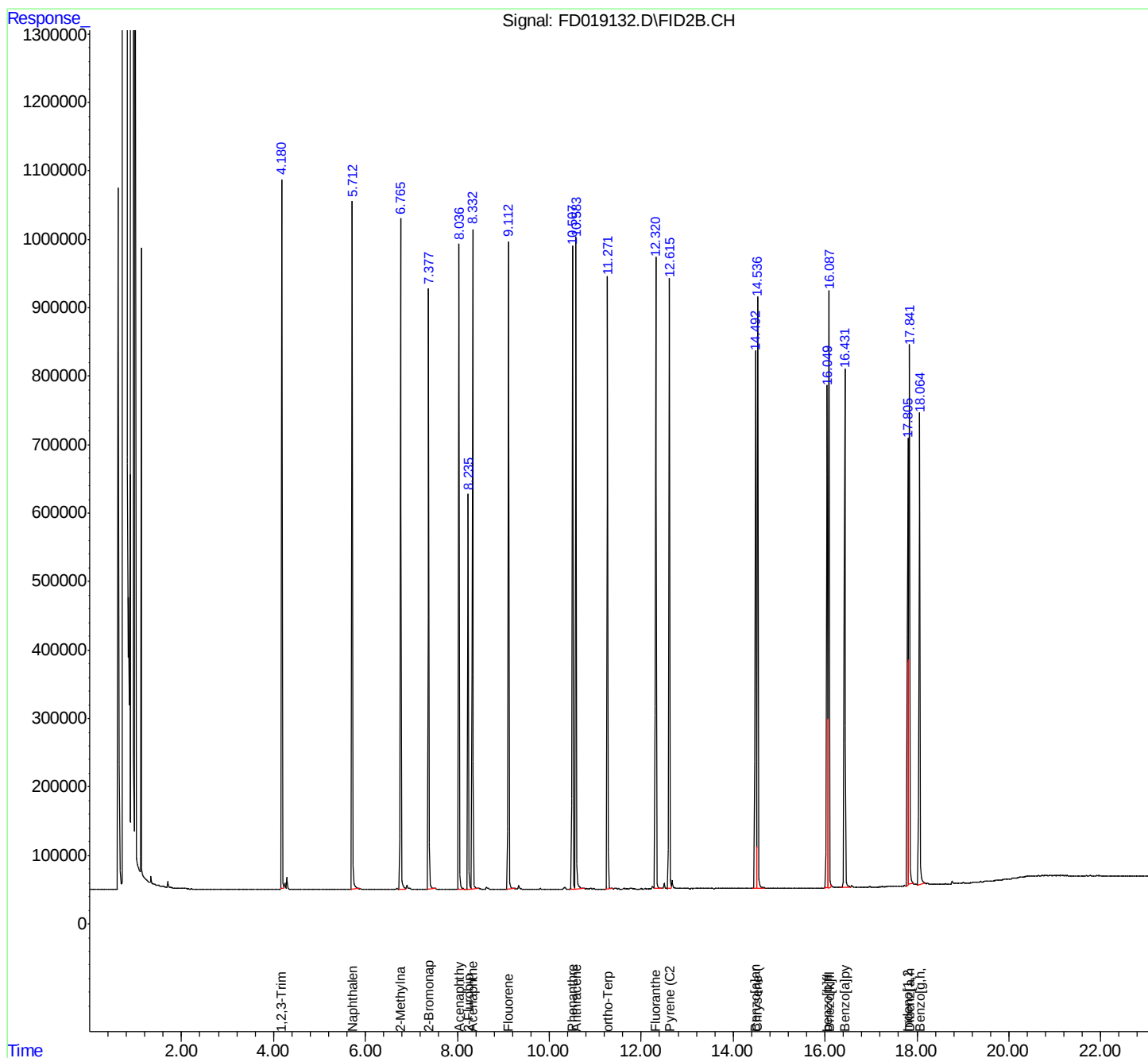
(f)=RT Delta > 1/2 Window

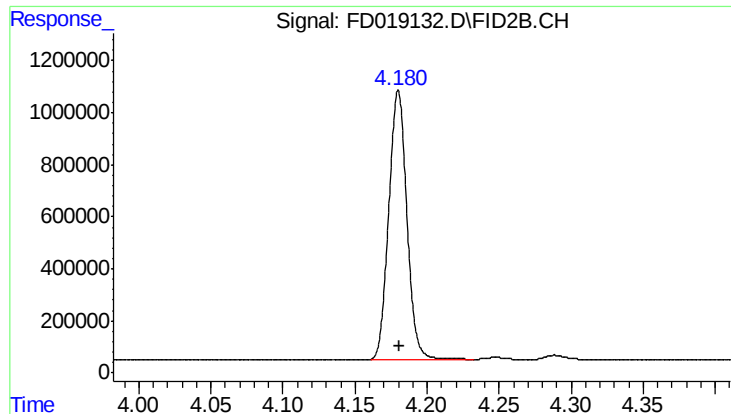
(m)=manual int.

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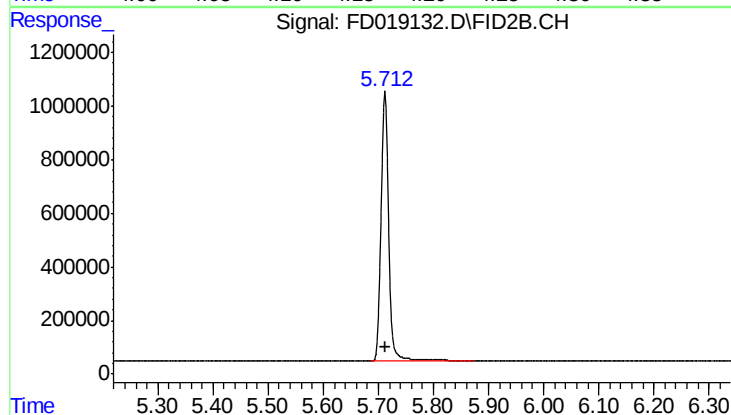
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Signal Info : 20M x 0.18mm x 0.18µm





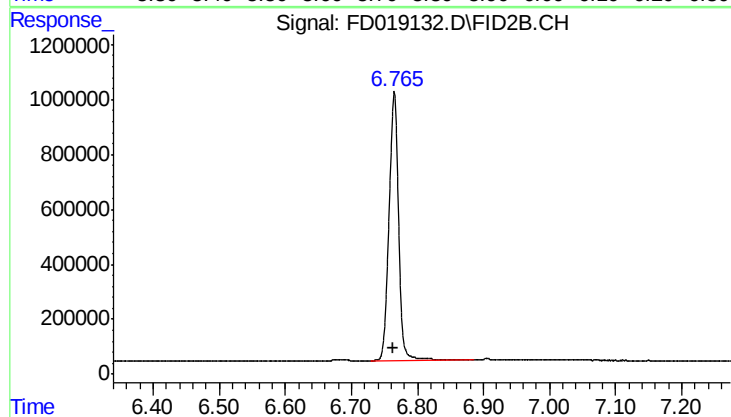
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 9085063
Conc: 107.12 ug/ml



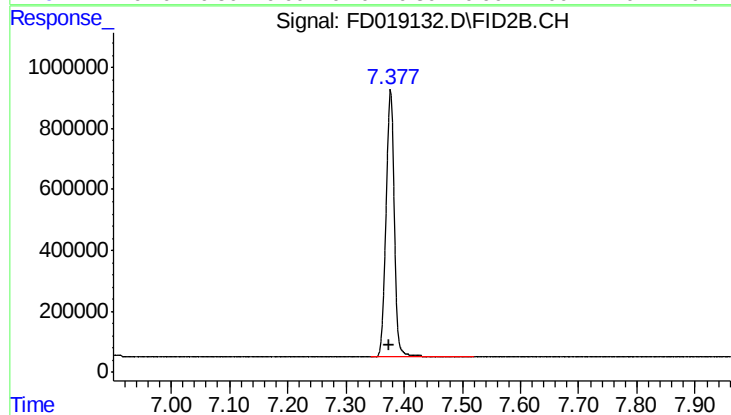
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 9623698
Conc: 107.19 ug/ml



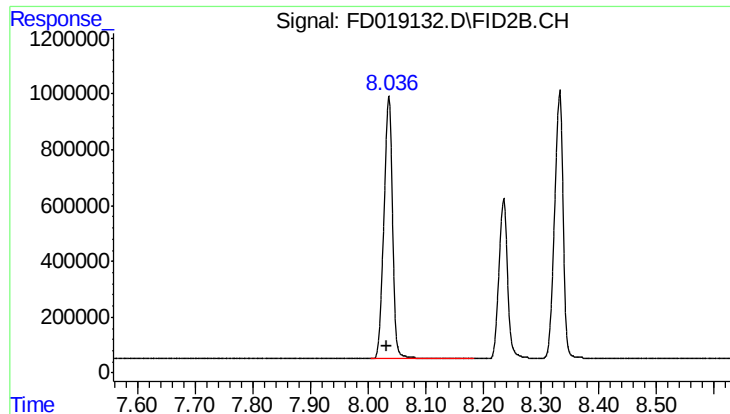
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: 0.002 min
Response: 9863253
Conc: 109.70 ug/ml



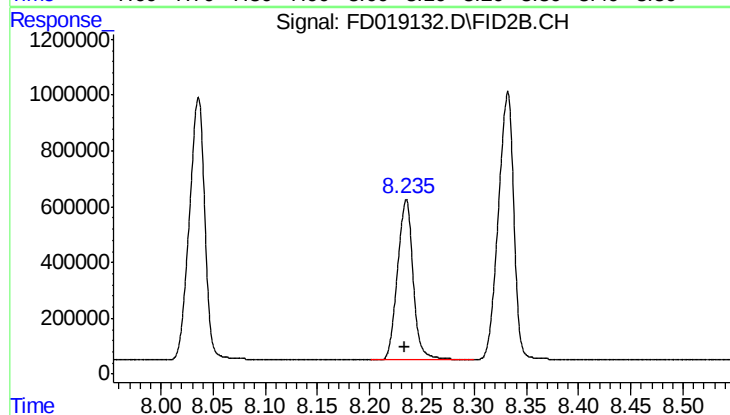
#4 2-Bromonaphthalene (SURR)

R.T.: 7.377 min
Delta R.T.: 0.002 min
Response: 8679997
Conc: 104.56 ug/ml



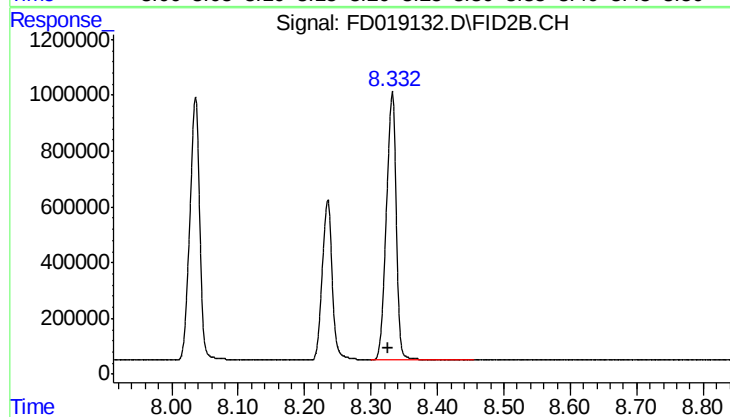
#5 Acenaphthylene (C15.06)

R.T.: 8.036 min
Delta R.T.: 0.004 min
Response: 9781225
Conc: 105.50 ug/ml



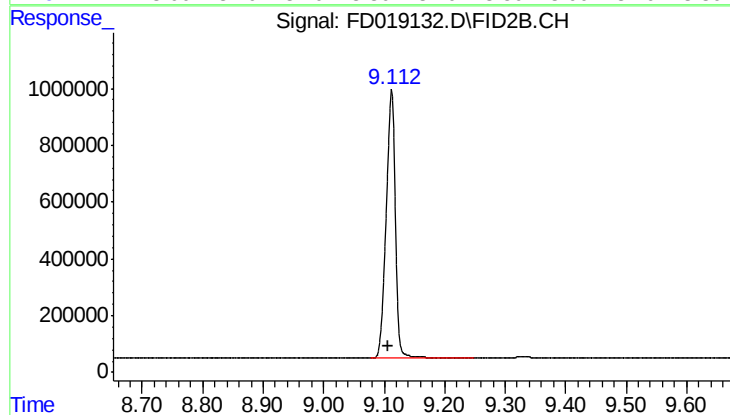
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.235 min
Delta R.T.: 0.001 min
Response: 6023771
Conc: 110.59 ug/ml



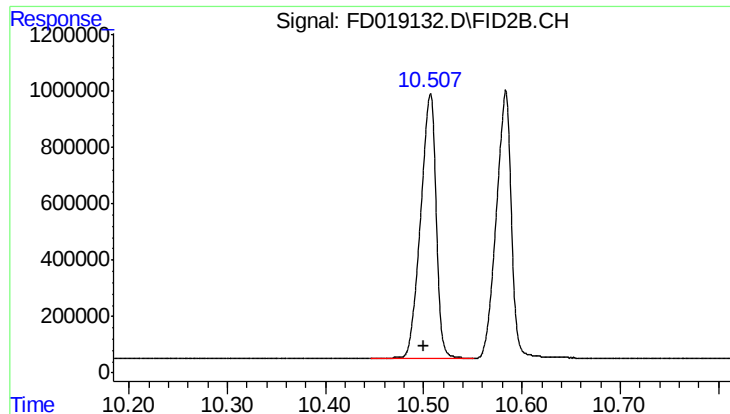
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: 0.007 min
Response: 9947454
Conc: 100.16 ug/ml



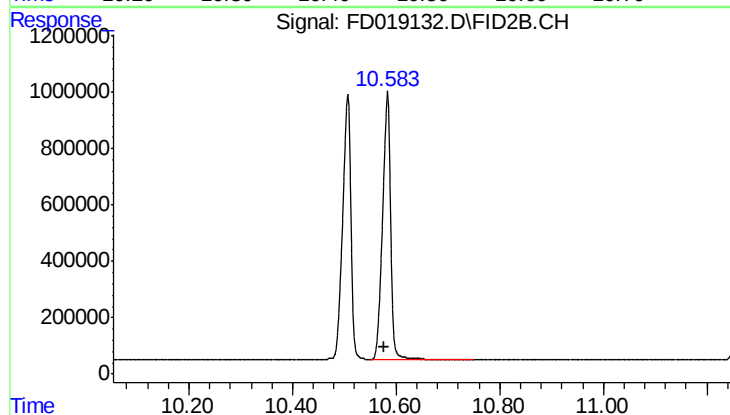
#8 Fluorene (C16.55)

R.T.: 9.112 min
Delta R.T.: 0.006 min
Response: 9947038
Conc: 104.53 ug/ml



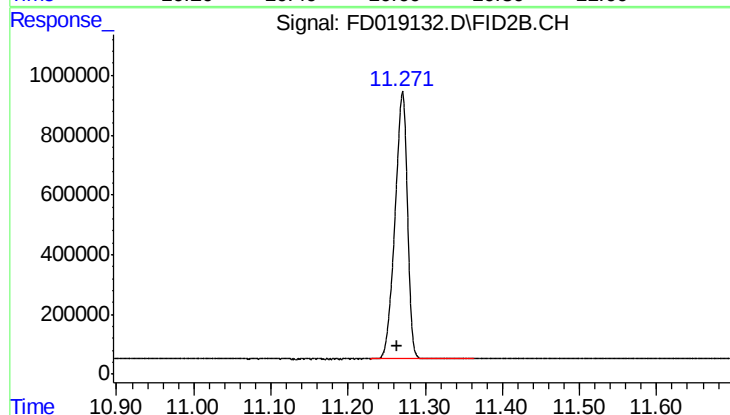
#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: 0.007 min
Response: 10353598
Conc: 105.92 ug/ml



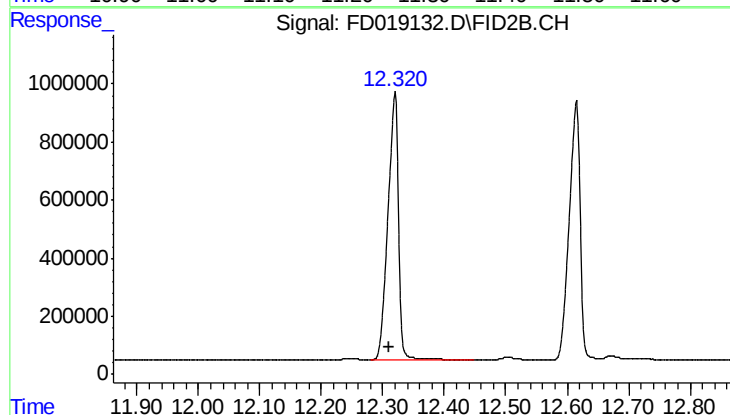
#10 Anthracene (C19.43)

R.T.: 10.584 min
Delta R.T.: 0.008 min
Response: 10284817
Conc: 101.24 ug/ml



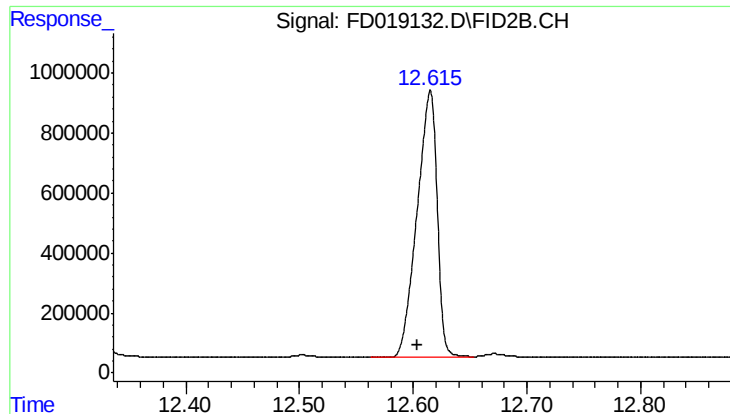
#11 ortho-Terphenyl (SURR)

R.T.: 11.271 min
Delta R.T.: 0.007 min
Response: 10017260
Conc: 103.34 ug/ml



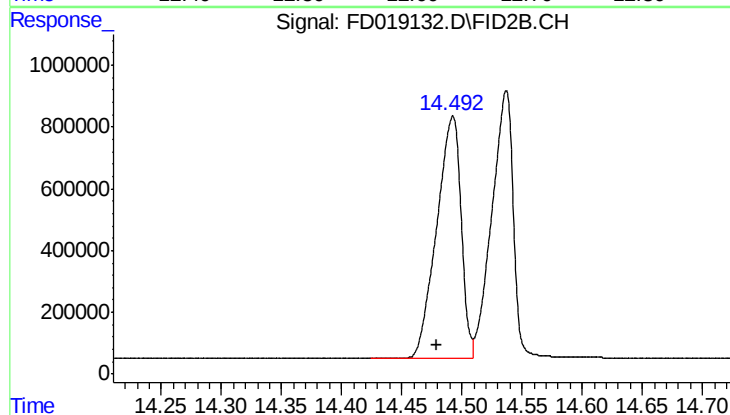
#12 Fluoranthene (C21.85)

R.T.: 12.320 min
Delta R.T.: 0.010 min
Response: 10898509
Conc: 104.84 ug/ml



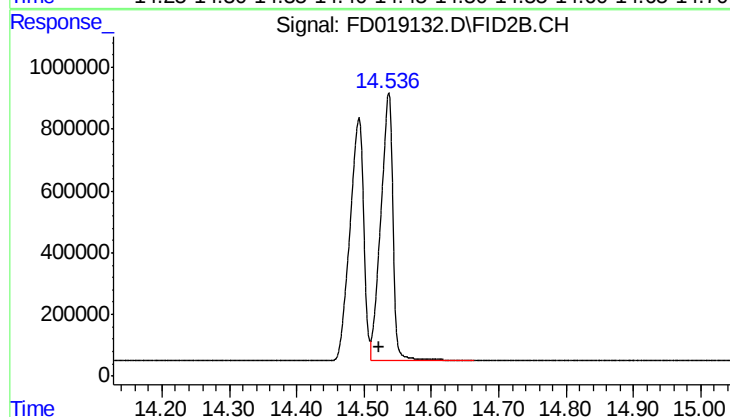
#13 Pyrene (C20.8)

R.T.: 12.615 min
Delta R.T.: 0.011 min
Response: 10966096
Conc: 101.35 ug/ml



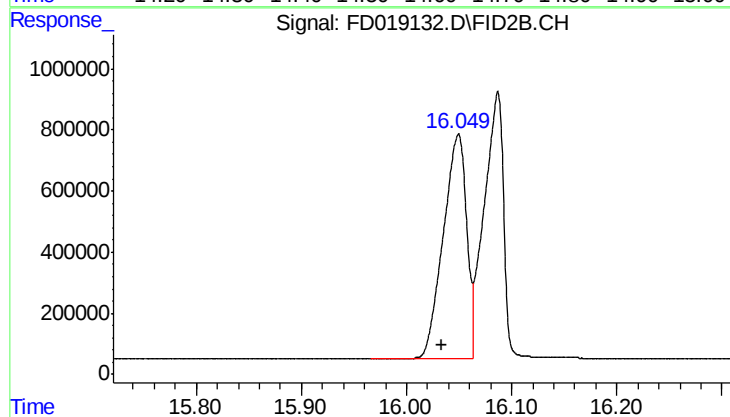
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: 0.013 min
Response: 11061348
Conc: 108.47 ug/ml



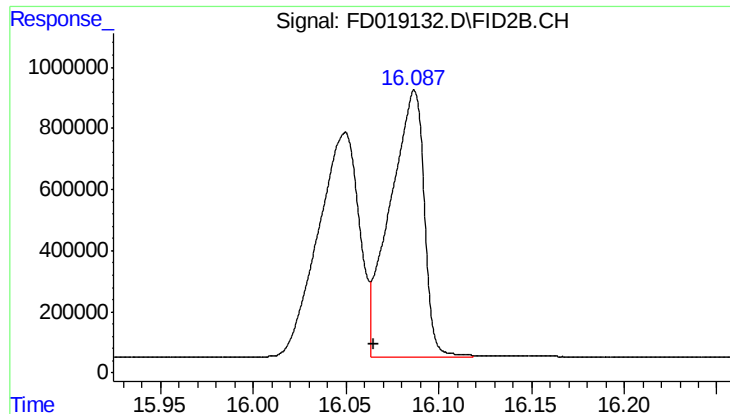
#15 Chrysene (C27.41)

R.T.: 14.537 min
Delta R.T.: 0.015 min
Response: 10790239
Conc: 100.79 ug/ml



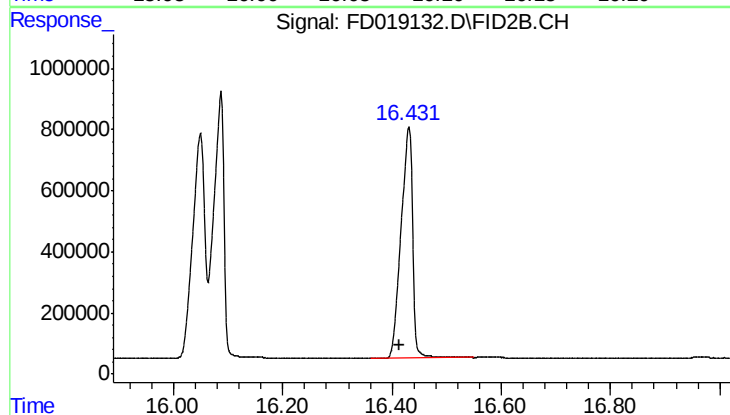
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.049 min
Delta R.T.: 0.016 min
Response: 11325426
Conc: 109.81 ug/ml



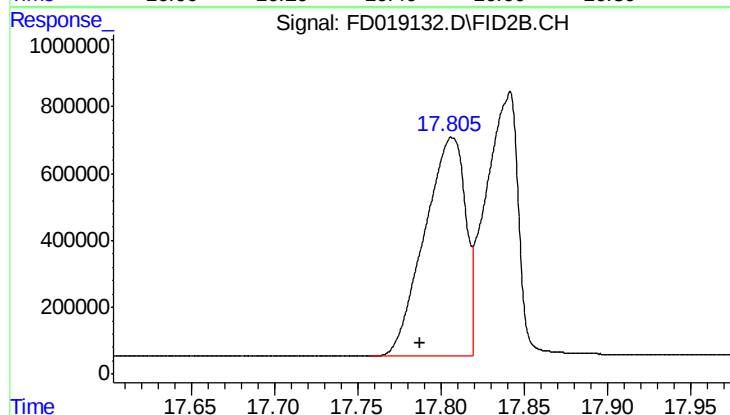
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min
Delta R.T.: 0.022 min
Response: 11133234
Conc: 110.44 ug/ml m



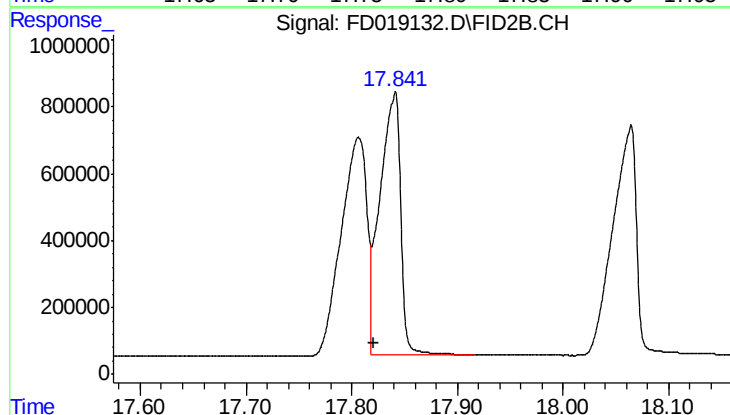
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: 0.016 min
Response: 11174319
Conc: 105.33 ug/ml



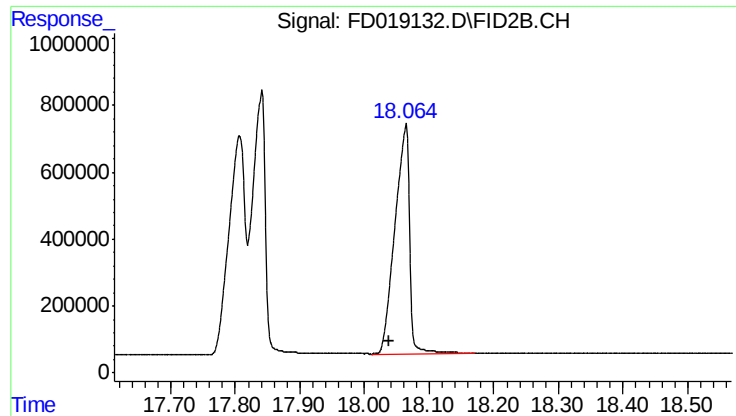
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.019 min
Response: 11182895
Conc: 116.19 ug/ml



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

R.T.: 17.841 min
Delta R.T.: 0.020 min
Response: 10800888
Conc: 100.34 ug/ml m



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

R.T.: 18.064 min
Delta R.T.: 0.025 min
Response: 10770996
Conc: 104.11 ug/ml