

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031221AR\
 Data File : FD036369.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2021 10:59
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 12 23:21:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 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...	7.599	2019374	17.132 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
6) S 2-Fluorobiphenyl (SURR)	8.459	1415379	17.007 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.01%
11) S ortho-Terphenyl (SURR)	11.500	2366036	16.794 ug/ml
Spiked Amount 50.000		Recovery =	33.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	2177958	17.371 ug/ml
2) T Naphthalene (C11.7)	5.938	2342164	17.284 ug/ml
3) T 2-Methylnaphthalene (...)	6.989	2350013	17.210 ug/ml
5) T Acenaphthylene (C15.06)	8.263	2282425	16.965 ug/ml
7) T Acenaphthene (C15.5)	8.558	2365200	17.088 ug/ml
8) T Fluorene (C16.55)	9.338	2311670	16.939 ug/ml
9) T Phenanthrene (C19.36)	10.732	2327617	16.894 ug/ml
10) T Anthracene (C19.43)	10.807	2152530	16.033 ug/ml
12) T Fluoranthene (C21.85)	12.541	2316263	16.679 ug/ml
13) T Pyrene (C20.8)	12.837	2293548	16.729 ug/ml
14) T Benzo[a]anthracene (C...	14.705	2092294	16.542 ug/ml
15) T Chrysene (C27.41)	14.747	2152751	16.623 ug/ml
16) T benzo[b]fluoranthene ...	16.250	2055877	16.893 ug/ml
17) T Bnezo[k]fluoranthene ...	16.283	1997926	16.967 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.627	1883659	17.081 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.989	1932183	17.464 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	1950704	17.627 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	1959112	17.718 ug/ml

(f)=RT Delta > 1/2 Window

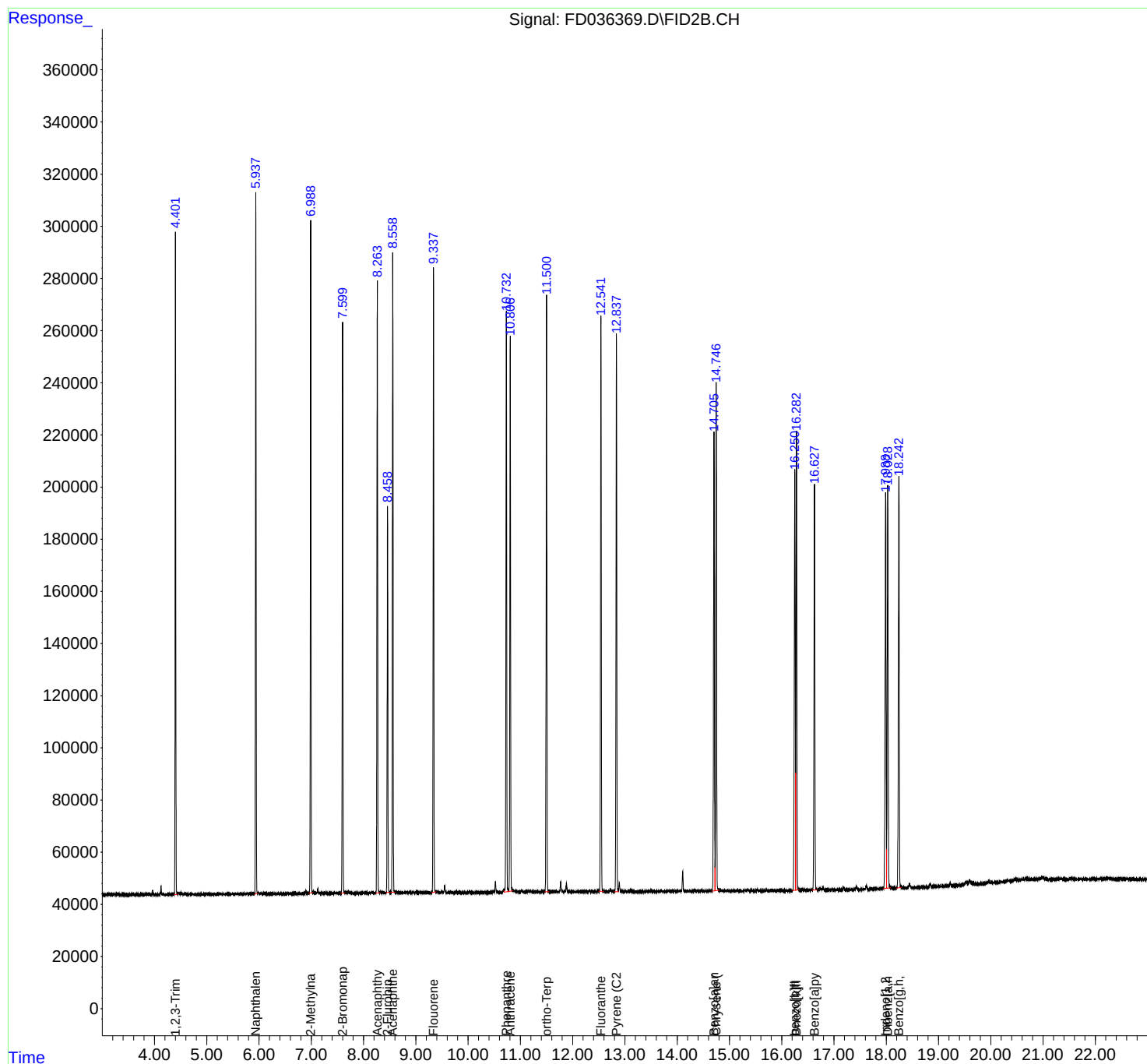
(m)=manual int.

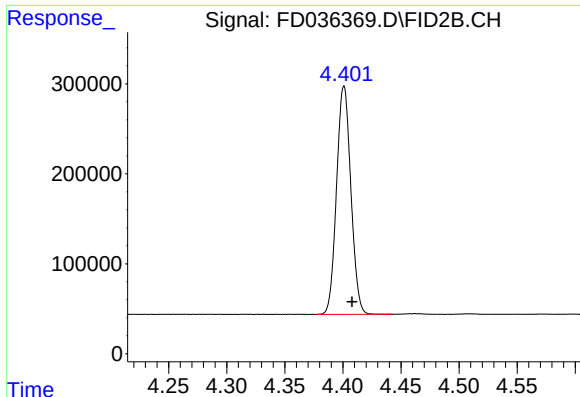
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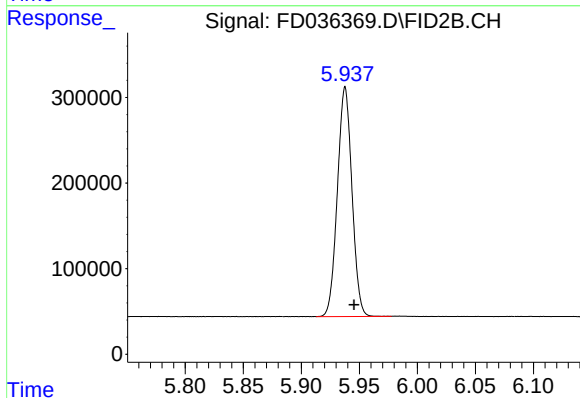




#1 1,2,3-Trimethylbenzene (C10.1)

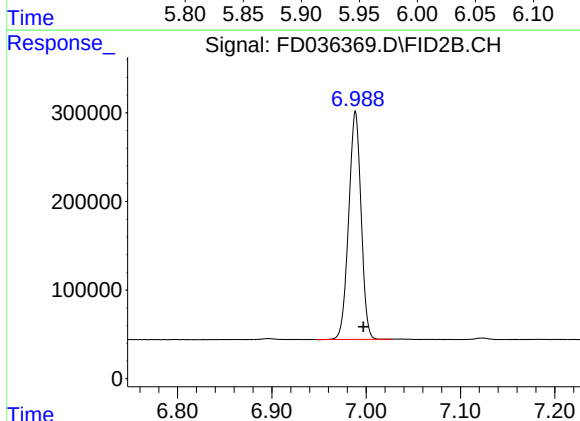
R.T.: 4.401 min
Delta R.T.: -0.007 min
Response: 2177958
Conc: 17.37 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



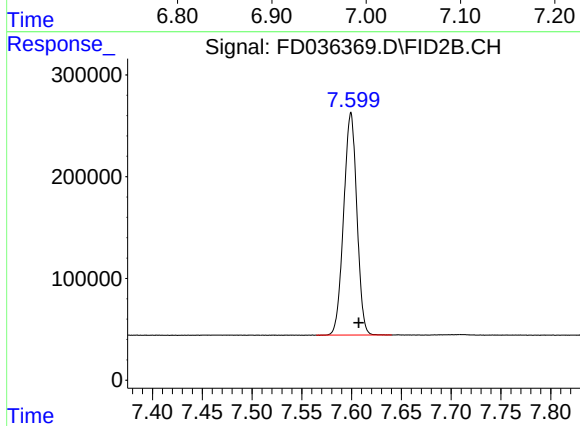
#2 Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.008 min
Response: 2342164
Conc: 17.28 ug/ml



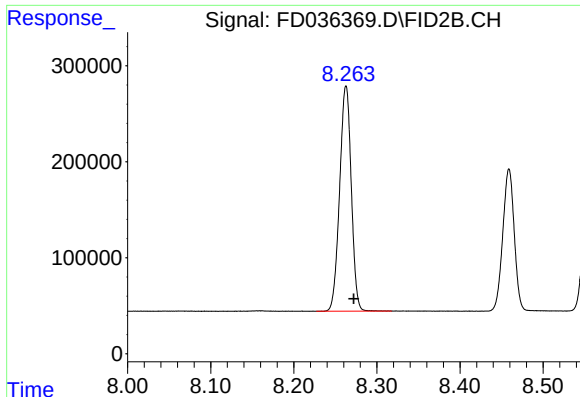
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.008 min
Response: 2350013
Conc: 17.21 ug/ml



#4 2-Bromonaphthalene (SURR)

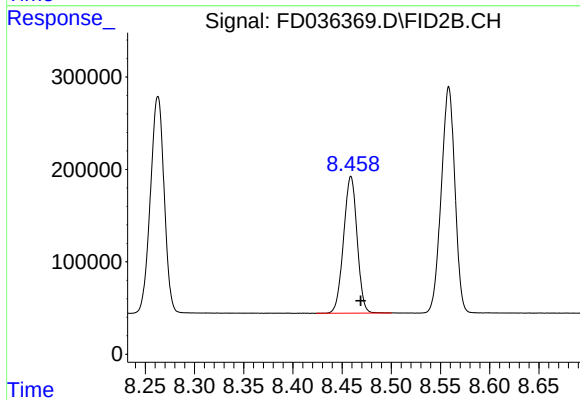
R.T.: 7.599 min
Delta R.T.: -0.008 min
Response: 2019374
Conc: 17.13 ug/ml



#5 Acenaphthylene (C15.06)

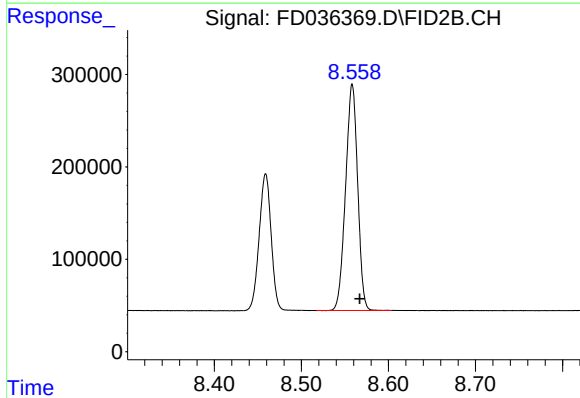
R.T.: 8.263 min
Delta R.T.: -0.009 min
Response: 2282425
Conc: 16.96 ug/ml

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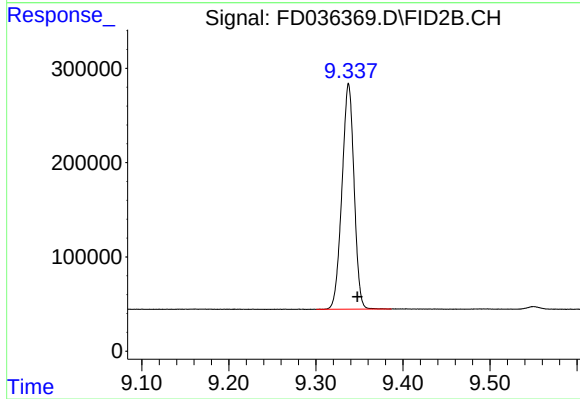
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min
Delta R.T.: -0.010 min
Response: 1415379
Conc: 17.01 ug/ml



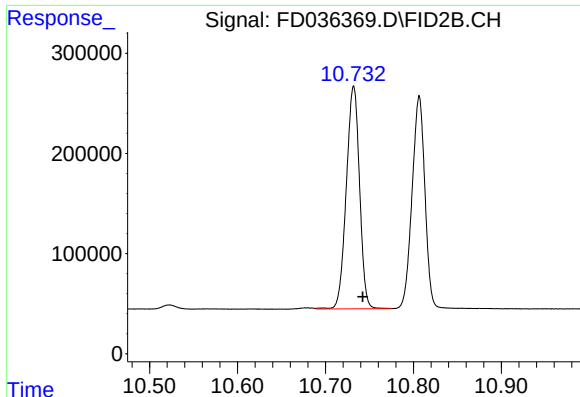
#7 Acenaphthene (C15.5)

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 2365200
Conc: 17.09 ug/ml



#8 Flouorene (C16.55)

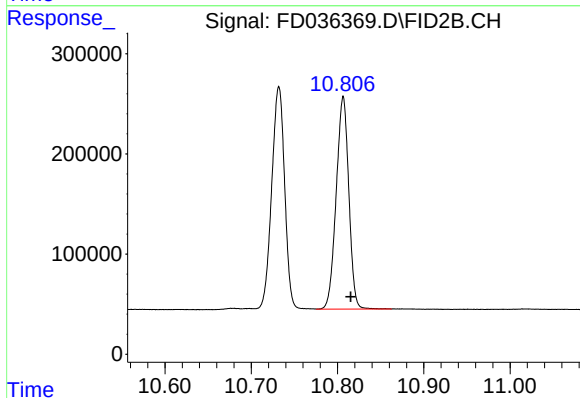
R.T.: 9.338 min
Delta R.T.: -0.010 min
Response: 2311670
Conc: 16.94 ug/ml



#9 Phenanthrene (C19.36)

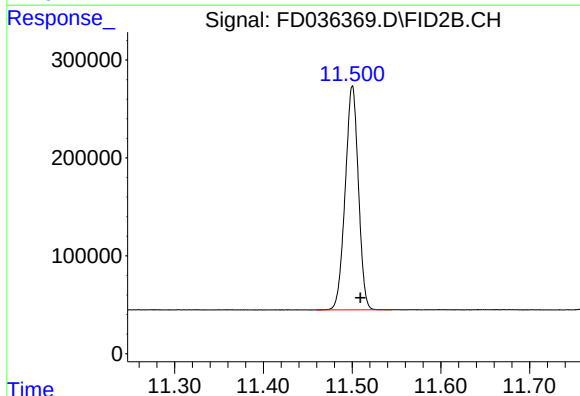
R.T.: 10.732 min
Delta R.T.: -0.010 min
Response: 2327617
Conc: 16.89 ug/ml

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20 PPM AROMATIC HC STD



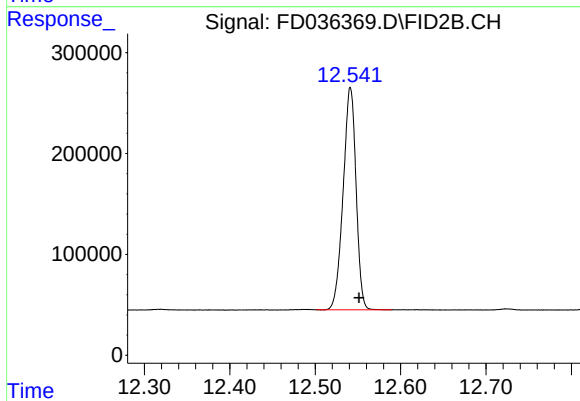
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 2152530
Conc: 16.03 ug/ml



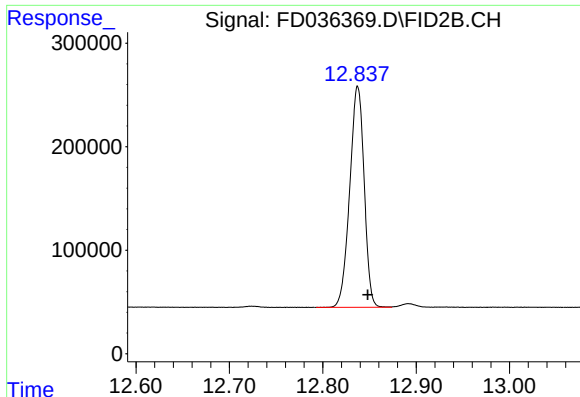
#11 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.009 min
Response: 2366036
Conc: 16.79 ug/ml



#12 Fluoranthene (C21.85)

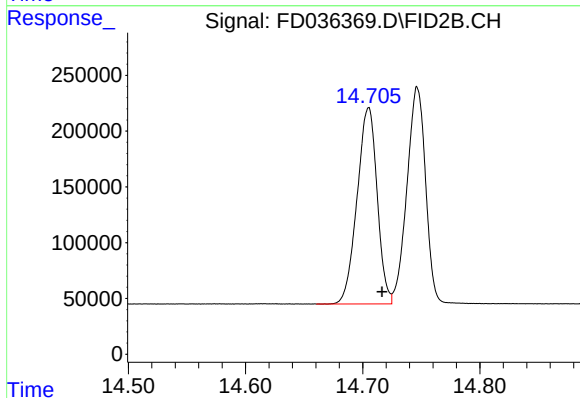
R.T.: 12.541 min
Delta R.T.: -0.010 min
Response: 2316263
Conc: 16.68 ug/ml



#13 Pyrene (C20.8)

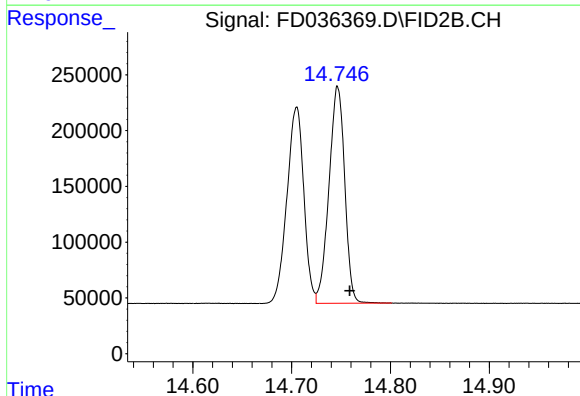
R.T.: 12.837 min
Delta R.T.: -0.011 min
Response: 2293548
Conc: 16.73 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



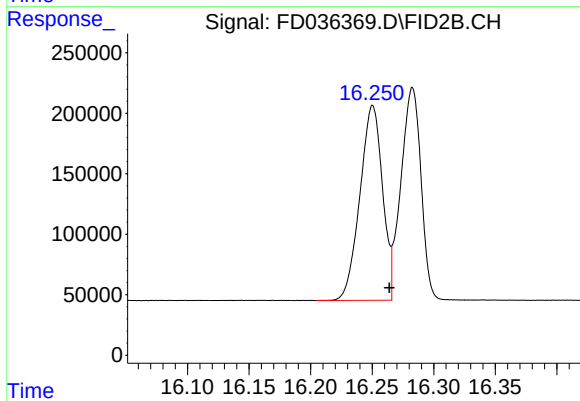
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.705 min
Delta R.T.: -0.012 min
Response: 2092294
Conc: 16.54 ug/ml



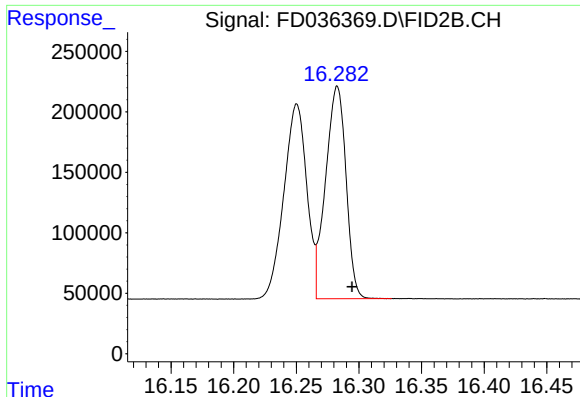
#15 Chrysene (C27.41)

R.T.: 14.747 min
Delta R.T.: -0.012 min
Response: 2152751
Conc: 16.62 ug/ml



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

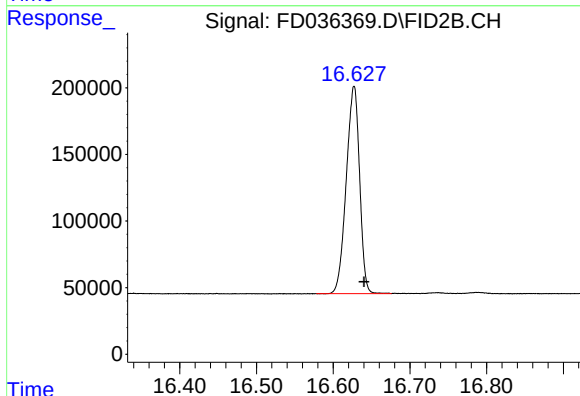
R.T.: 16.250 min
Delta R.T.: -0.014 min
Response: 2055877
Conc: 16.89 ug/ml



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

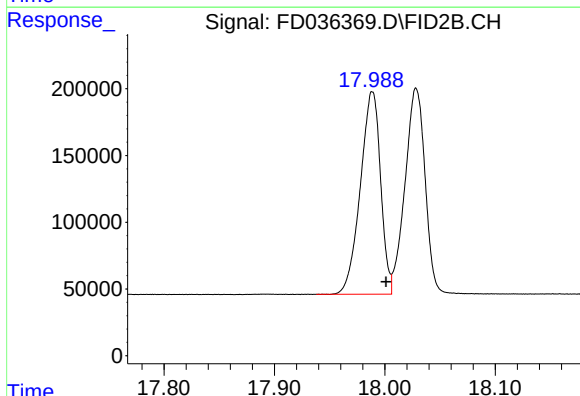
R.T.: 16.283 min
Delta R.T.: -0.012 min
Response: 1997926
Conc: 16.97 ug/ml

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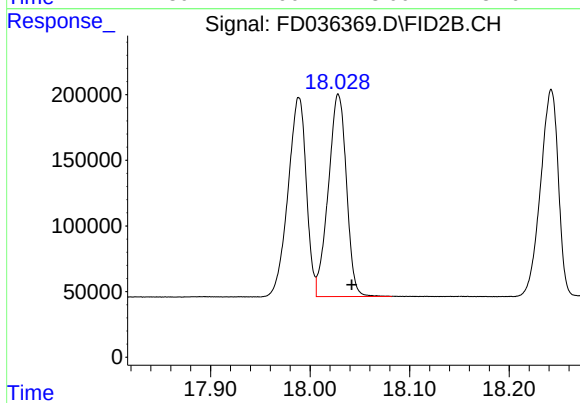
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.627 min
Delta R.T.: -0.013 min
Response: 1883659
Conc: 17.08 ug/ml



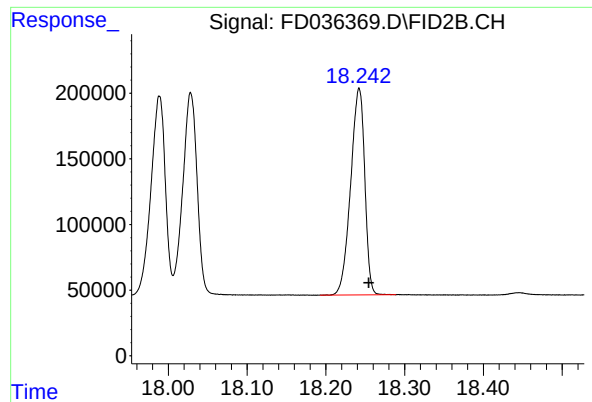
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.989 min
Delta R.T.: -0.012 min
Response: 1932183
Conc: 17.46 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.014 min
Response: 1950704
Conc: 17.63 ug/ml



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

R.T.: 18.242 min
Delta R.T.: -0.012 min
Response: 1959112
Conc: 17.72 ug/ml

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