

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040620AR\
 Data File : FD032851.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2020 1:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Sohil
 4/7/2020 1:36:27 PM

Integration File: autoint1.e
 Quant Time: Apr 07 02:18:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 2020
 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...	7.608	2780013	18.948 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
6) S 2-Fluorobiphenyl (SURR)	8.470	1840844	18.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.74%
11) S ortho-Terphenyl (SURR)	11.504	2921064	18.278 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.413	2978568	19.176 ug/ml
2) T Naphthalene (C11.7)	5.949	3113642	19.083 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	3071886	19.036 ug/ml
5) T Acenaphthylene (C15.06)	8.272	2918756	18.868 ug/ml
7) T Acenaphthene (C15.5)	8.567	3037741	18.878 ug/ml
8) T Flouorene (C16.55)	9.347	2925640	18.819 ug/ml
9) T Phenanthrene (C19.36)	10.742	2885550	18.421 ug/ml
10) T Anthracene (C19.43)	10.817	2814904	18.481 ug/ml
12) T Fluoranthene (C21.85)	12.552	2778574	17.631 ug/ml
13) T Pyrene (C20.8)	12.849	2727148	17.464 ug/ml
14) T Benzo[a]anthracene (C...	14.720	2427948	17.056 ug/ml
15) T Chrysene (C27.41)	14.762	2485924	16.848 ug/ml
16) T benzo[b]fluoranthene ...	16.271	2332784	17.092 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	2339363	16.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	2297796	17.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.017	2263850	18.755 ug/mlm
20) T Dibenz[a,h]anthracene...	18.054	2292514	18.300 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	2285712	18.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
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ALS Vial : 59 Sample Multiplier: 1

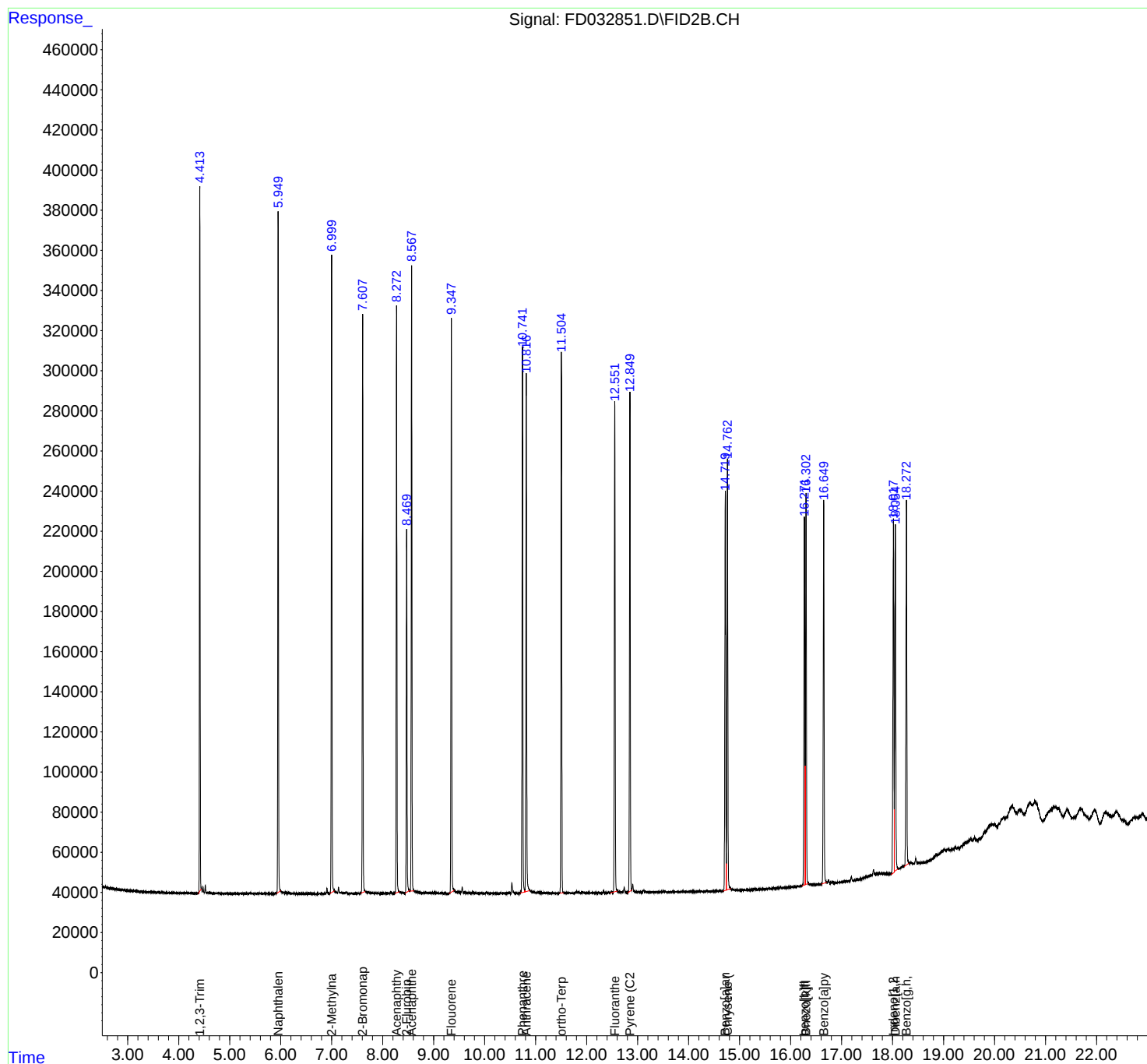
Instrument :
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20 PPM AROMATIC HC STD

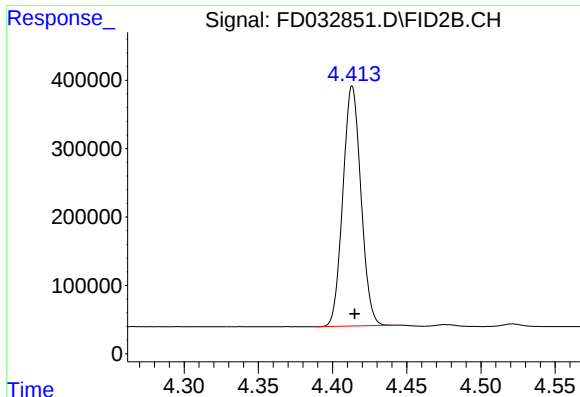
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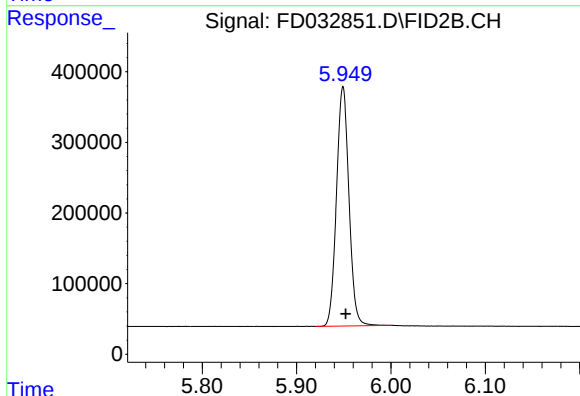
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.413 min
Delta R.T.: -0.002 min
Response: 2978568
Conc: 19.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

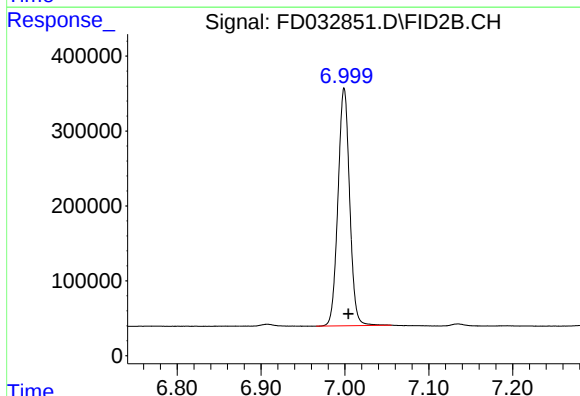
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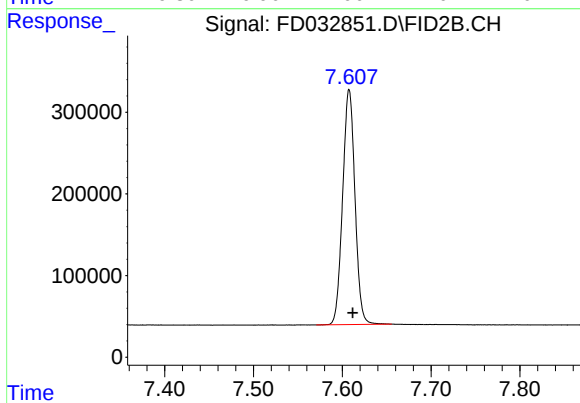
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 3113642
Conc: 19.08 ug/ml



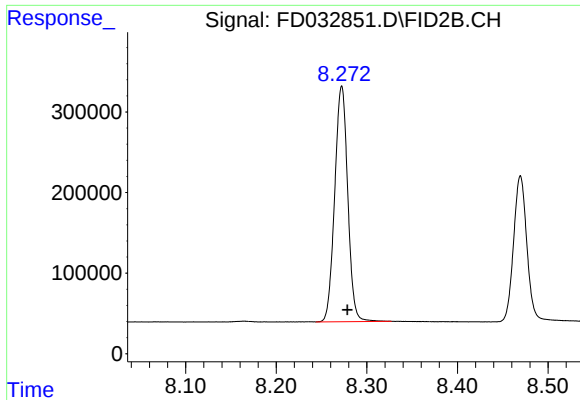
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.005 min
Response: 3071886
Conc: 19.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.608 min
Delta R.T.: -0.004 min
Response: 2780013
Conc: 18.95 ug/ml



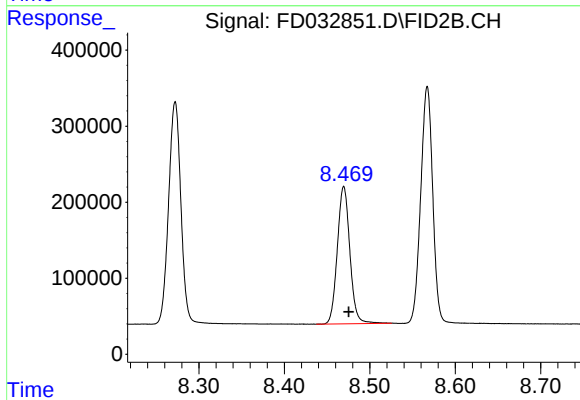
#5 Acenaphthylene (C15.06)

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 2918756
Conc: 18.87 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

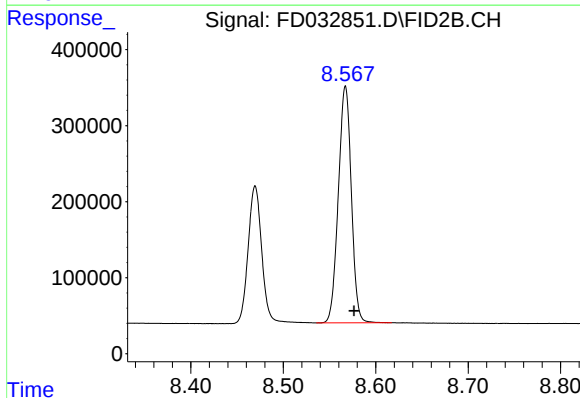
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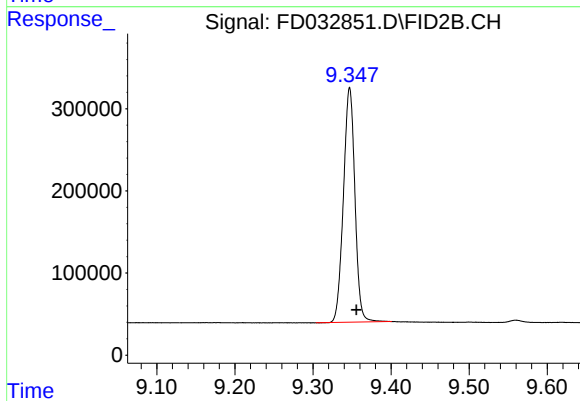
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.470 min
Delta R.T.: -0.006 min
Response: 1840844
Conc: 18.87 ug/ml



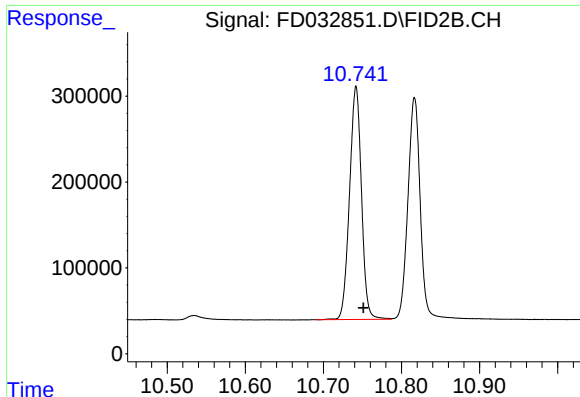
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: -0.009 min
Response: 3037741
Conc: 18.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.347 min
Delta R.T.: -0.009 min
Response: 2925640
Conc: 18.82 ug/ml



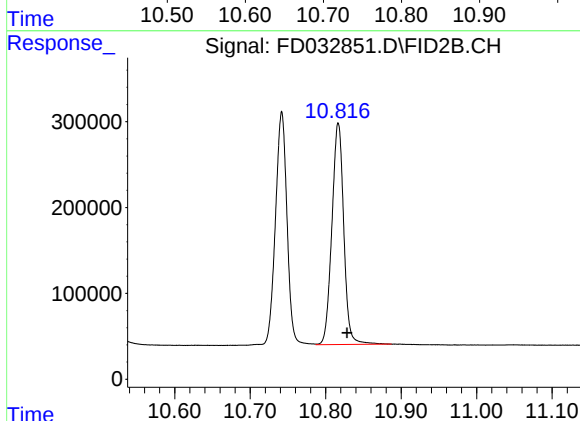
#9 Phenanthrene (C19.36)

R.T.: 10.742 min
Delta R.T.: -0.009 min
Response: 2885550
Conc: 18.42 ug/ml

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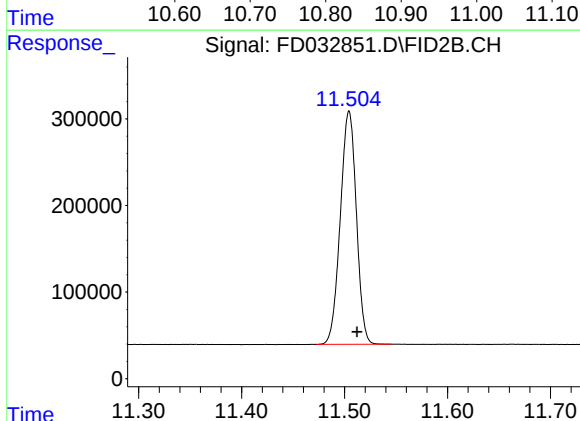
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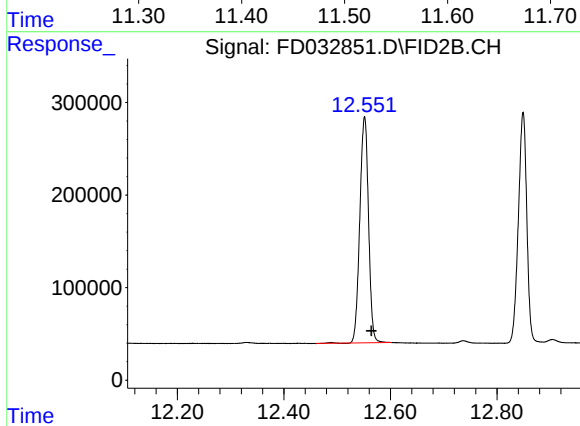
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: -0.012 min
Response: 2814904
Conc: 18.48 ug/ml



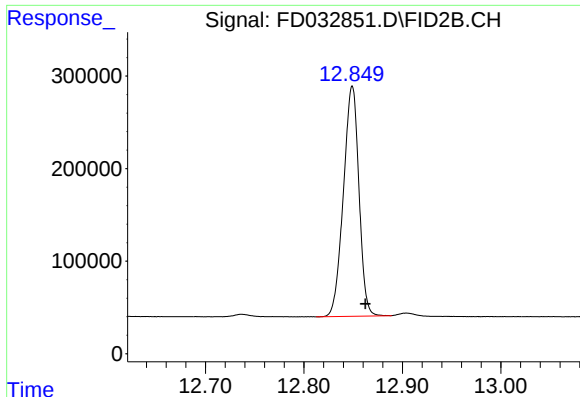
#11 ortho-Terphenyl (SURR)

R.T.: 11.504 min
Delta R.T.: -0.008 min
Response: 2921064
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.552 min
Delta R.T.: -0.013 min
Response: 2778574
Conc: 17.63 ug/ml



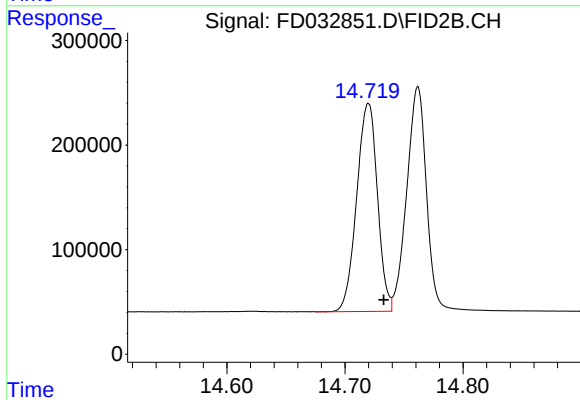
#13 Pyrene (C20.8)

R.T.: 12.849 min
Delta R.T.: -0.013 min
Response: 2727148
Conc: 17.46 ug/ml

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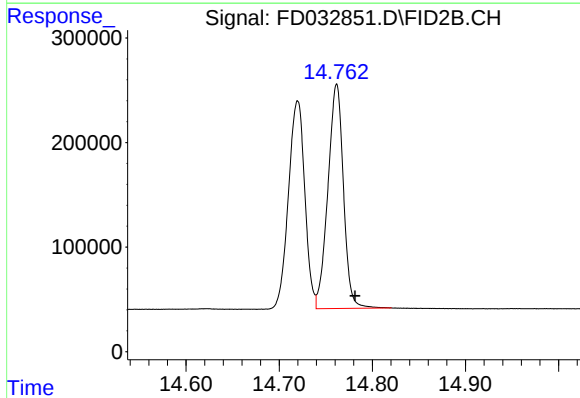
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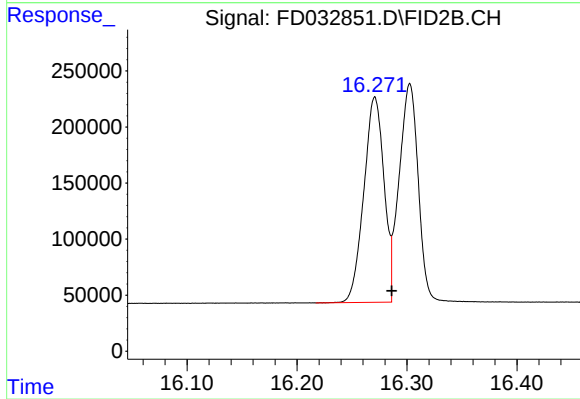
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.720 min
Delta R.T.: -0.013 min
Response: 2427948
Conc: 17.06 ug/ml



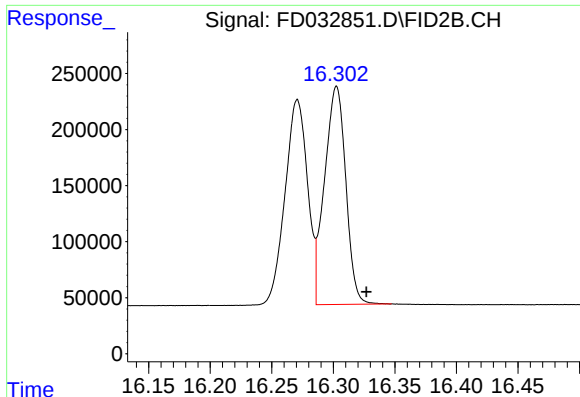
#15 Chrysene (C27.41)

R.T.: 14.762 min
Delta R.T.: -0.020 min
Response: 2485924
Conc: 16.85 ug/ml



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

R.T.: 16.271 min
Delta R.T.: -0.015 min
Response: 2332784
Conc: 17.09 ug/ml



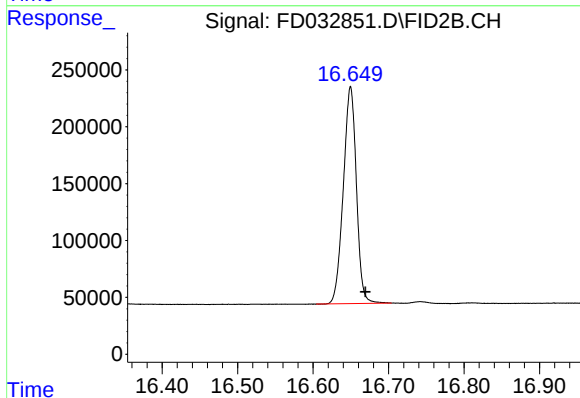
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.303 min
Delta R.T.: -0.024 min
Response: 2339363
Conc: 17.00 ug/ml

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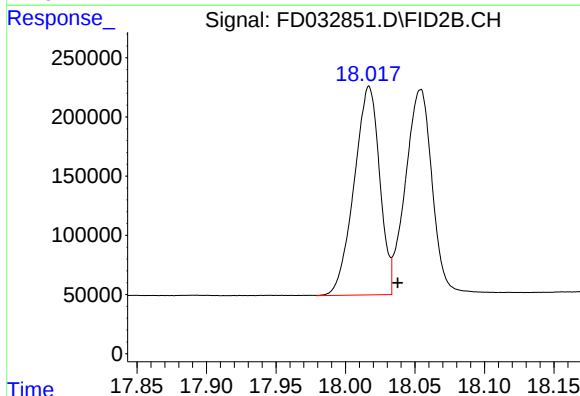
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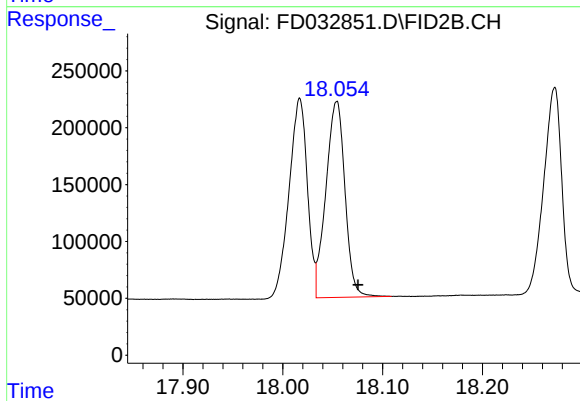
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.019 min
Response: 2297796
Conc: 17.35 ug/ml



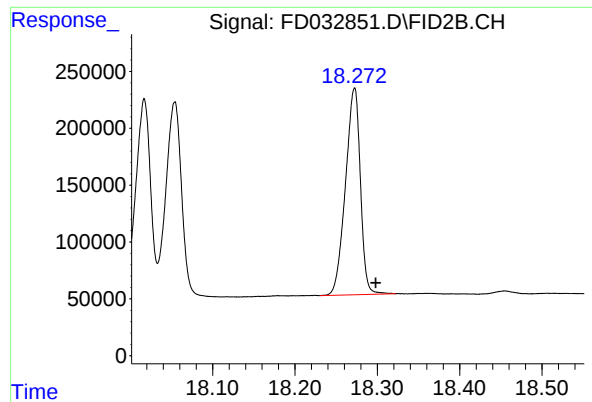
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min
Delta R.T.: -0.021 min
Response: 2263850
Conc: 18.76 ug/ml m



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

R.T.: 18.054 min
Delta R.T.: -0.022 min
Response: 2292514
Conc: 18.30 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.026 min
Response: 2285712
Conc: 18.89 ug/ml

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