

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082420AR\
 Data File : FD034512.D
 Signal(s) : FID2B.CH
 Acq On : 25 Aug 2020 12:49
 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: Aug 25 13:44:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.695	2220472	18.993 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
6) S 2-Fluorobiphenyl (SURR)	8.561	1550492	18.702 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.40%
11) S ortho-Terphenyl (SURR)	11.602	2515579	18.511 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2470496	19.382 ug/ml
2) T Naphthalene (C11.7)	6.032	2552540	19.079 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2555699	18.934 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2464915	18.625 ug/ml
7) T Acenaphthene (C15.5)	8.659	2523111	18.761 ug/ml
8) T Fluorene (C16.55)	9.440	2457536	18.489 ug/ml
9) T Phenanthrene (C19.36)	10.839	2446322	18.251 ug/ml
10) T Anthracene (C19.43)	10.913	2058783	15.512 ug/ml
12) T Fluoranthene (C21.85)	12.653	2461271	18.109 ug/ml
13) T Pyrene (C20.8)	12.950	2397013	18.001 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2345426	17.870 ug/ml
15) T Chrysene (C27.41)	14.865	2393484	18.256 ug/ml
16) T benzo[b]fluoranthene ...	16.373	2392109	18.698 ug/ml
17) T Bnezo[k]fluoranthene ...	16.405	2341164	18.902 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.752	2360984	18.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.116	2340325	19.450 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	2349127	19.899 ug/ml
21) T Benzo[g,h,i]perylene ...	18.372	2352313	19.853 ug/ml

(f)=RT Delta > 1/2 Window

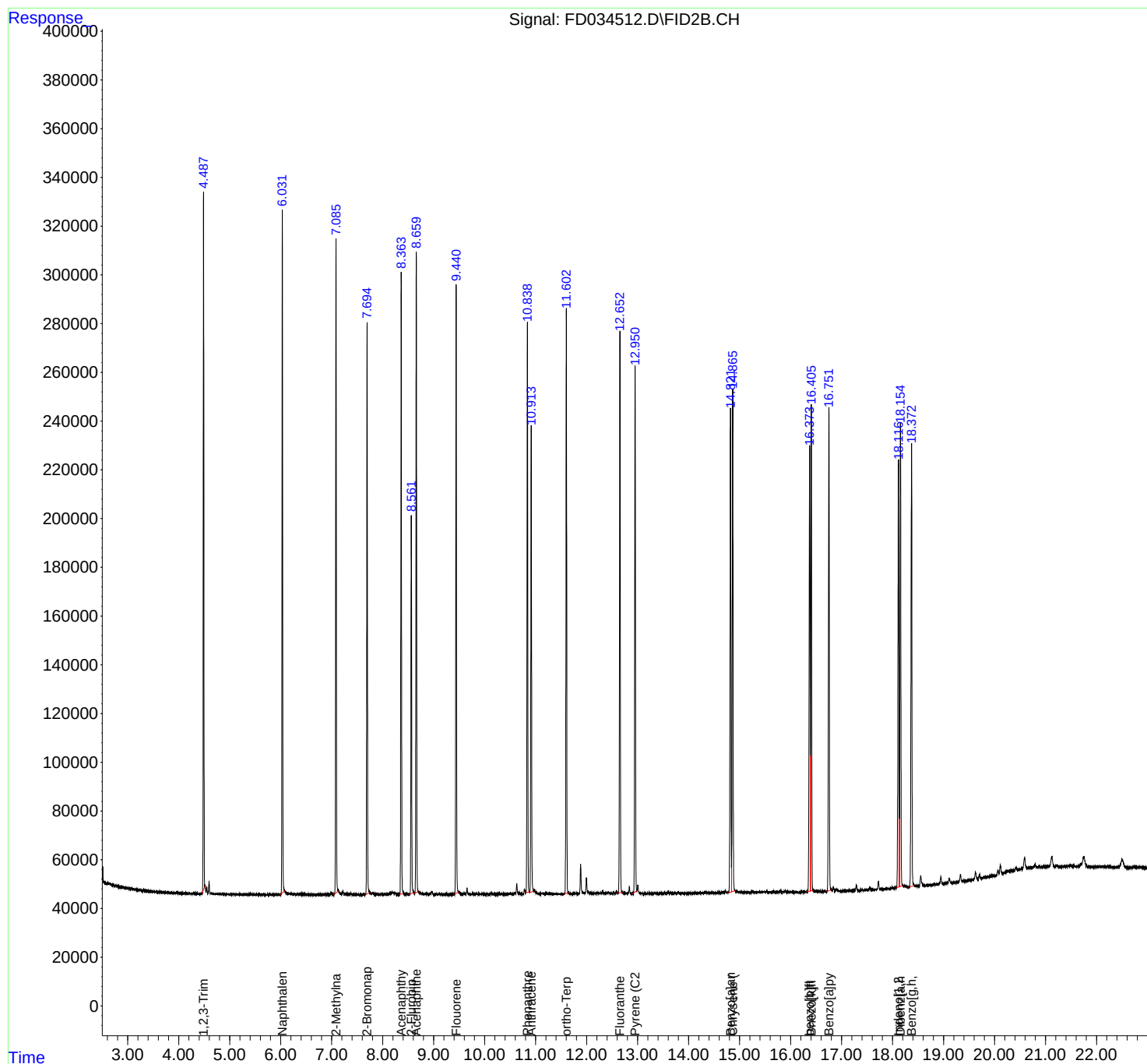
(m)=manual int.

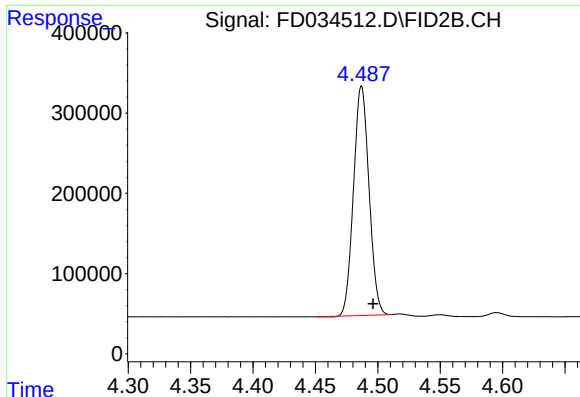
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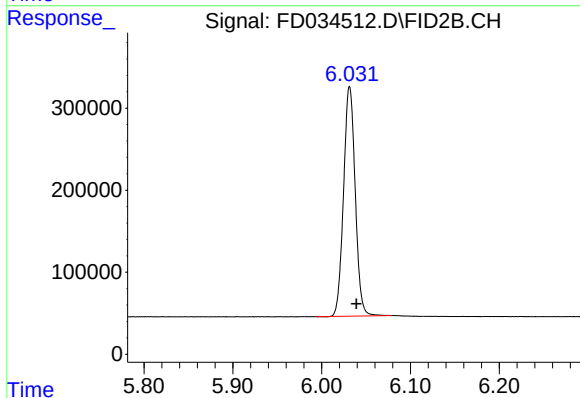




#1 1,2,3-Trimethylbenzene (C10.1)

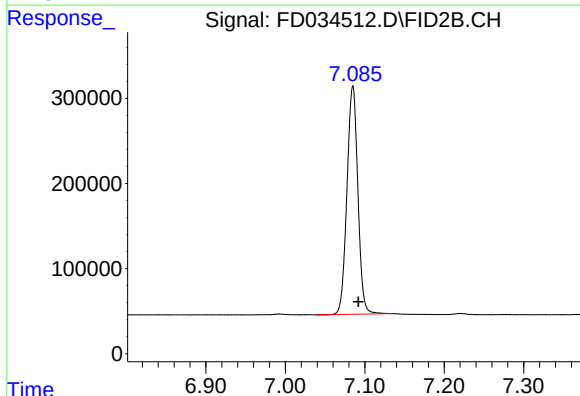
R.T.: 4.487 min
Delta R.T.: -0.009 min
Response: 2470496
Conc: 19.38 ug/ml

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20 PPM AROMATIC HC STD



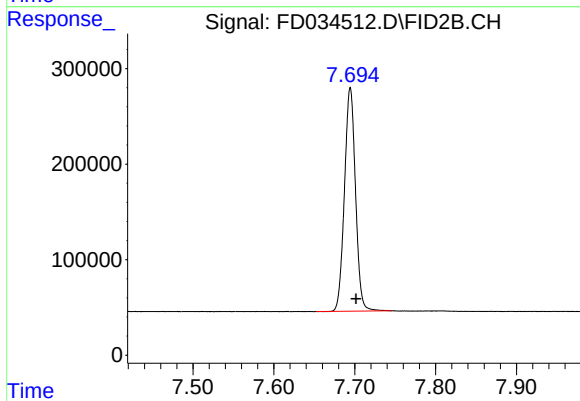
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.007 min
Response: 2552540
Conc: 19.08 ug/ml



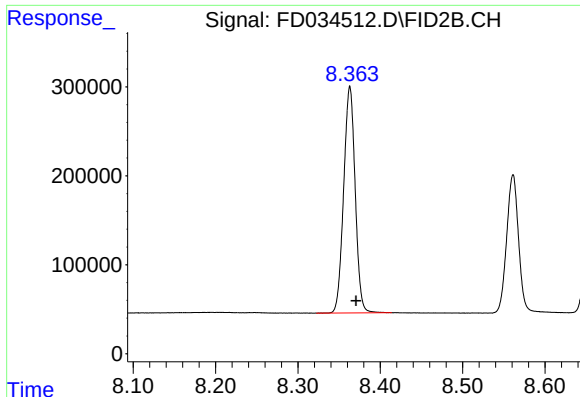
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.007 min
Response: 2555699
Conc: 18.93 ug/ml



#4 2-Bromonaphthalene (SURR)

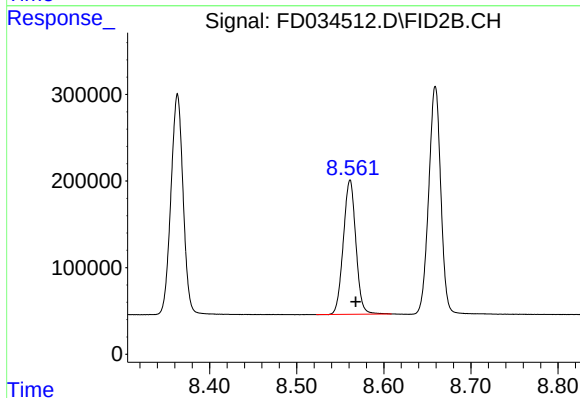
R.T.: 7.695 min
Delta R.T.: -0.007 min
Response: 2220472
Conc: 18.99 ug/ml



#5 Acenaphthylene (C15.06)

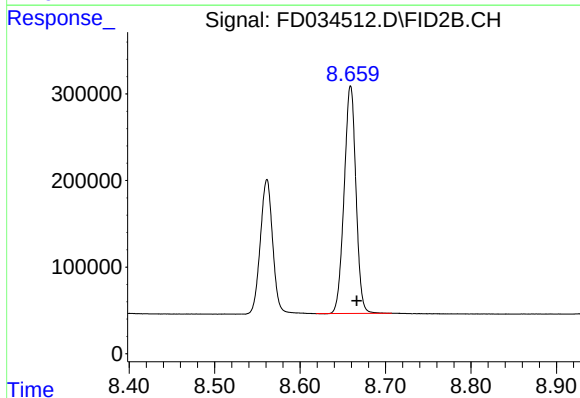
R.T.: 8.363 min
Delta R.T.: -0.008 min
Response: 2464915
Conc: 18.63 ug/ml

Instrument :
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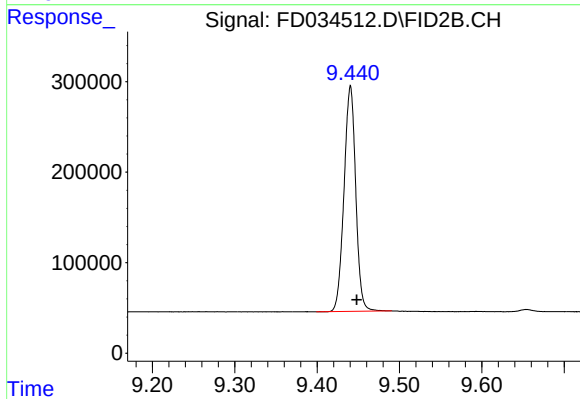
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.007 min
Response: 1550492
Conc: 18.70 ug/ml



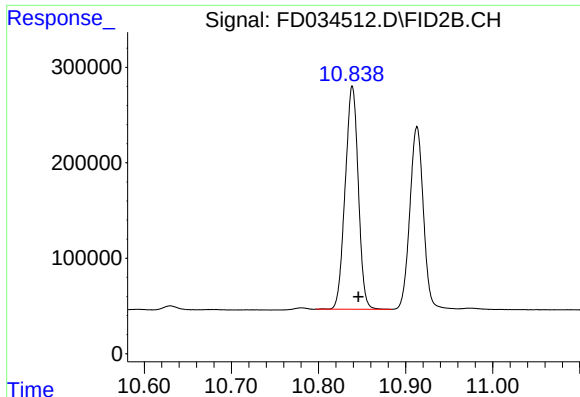
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 2523111
Conc: 18.76 ug/ml



#8 Flouorene (C16.55)

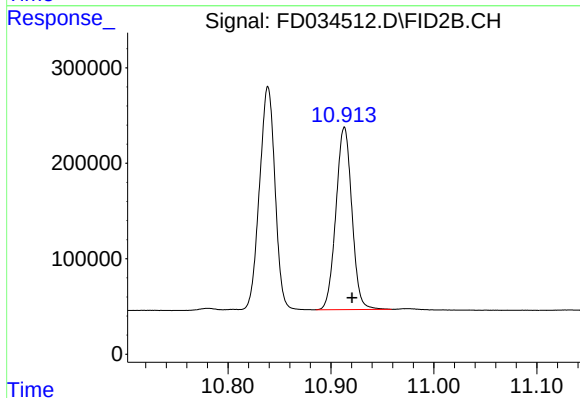
R.T.: 9.440 min
Delta R.T.: -0.008 min
Response: 2457536
Conc: 18.49 ug/ml



#9 Phenanthrene (C19.36)

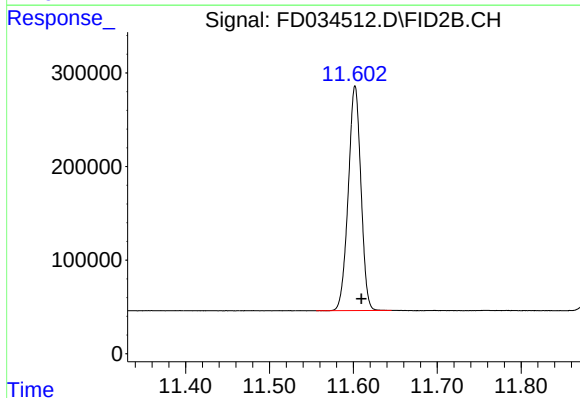
R.T.: 10.839 min
Delta R.T.: -0.007 min
Response: 2446322
Conc: 18.25 ug/ml

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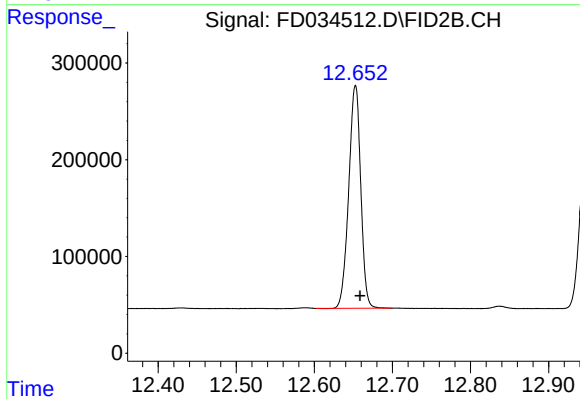
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.007 min
Response: 2058783
Conc: 15.51 ug/ml



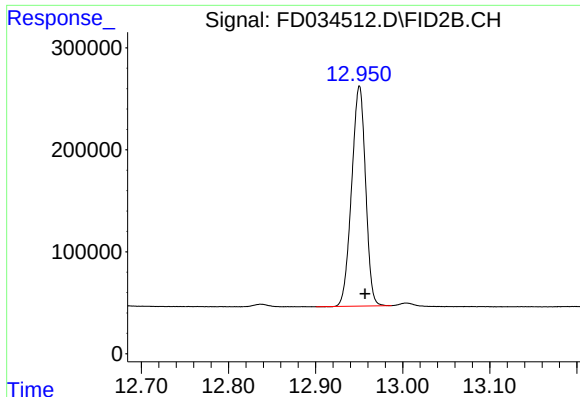
#11 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.008 min
Response: 2515579
Conc: 18.51 ug/ml



#12 Fluoranthene (C21.85)

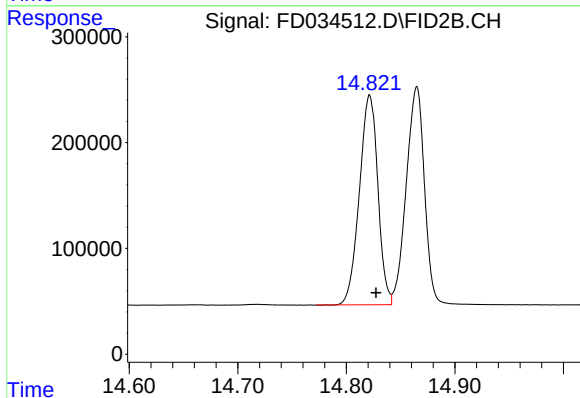
R.T.: 12.653 min
Delta R.T.: -0.006 min
Response: 2461271
Conc: 18.11 ug/ml



#13 Pyrene (C20.8)

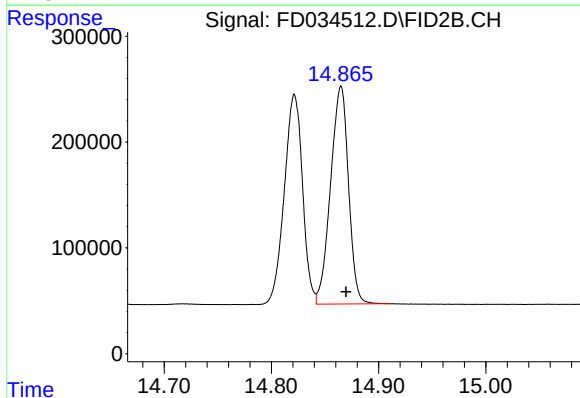
R.T.: 12.950 min
Delta R.T.: -0.006 min
Response: 2397013
Conc: 18.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



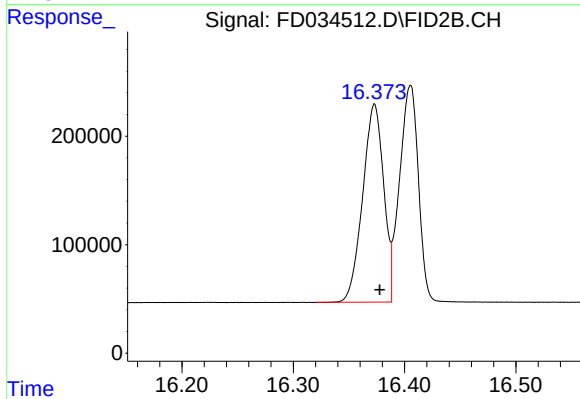
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.006 min
Response: 2345426
Conc: 17.87 ug/ml



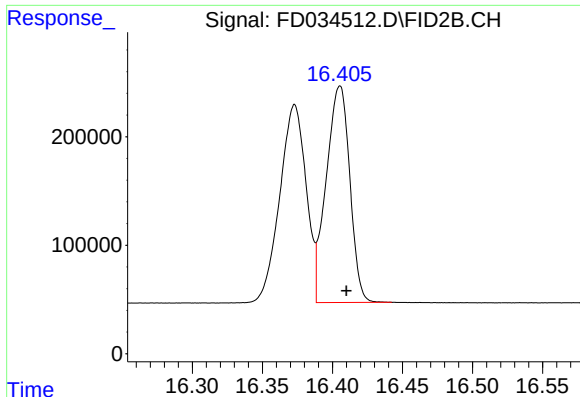
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.005 min
Response: 2393484
Conc: 18.26 ug/ml



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

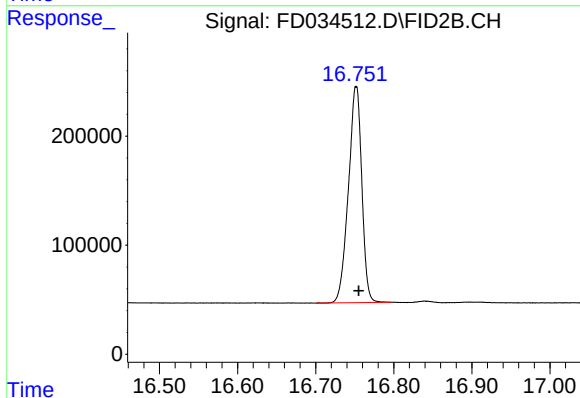
R.T.: 16.373 min
Delta R.T.: -0.005 min
Response: 2392109
Conc: 18.70 ug/ml



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

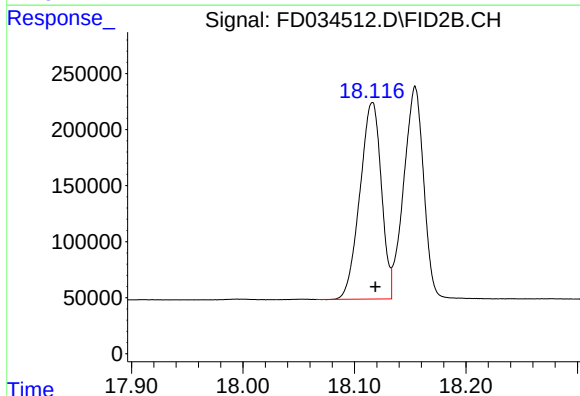
R.T.: 16.405 min
Delta R.T.: -0.005 min
Response: 2341164
Conc: 18.90 ug/ml

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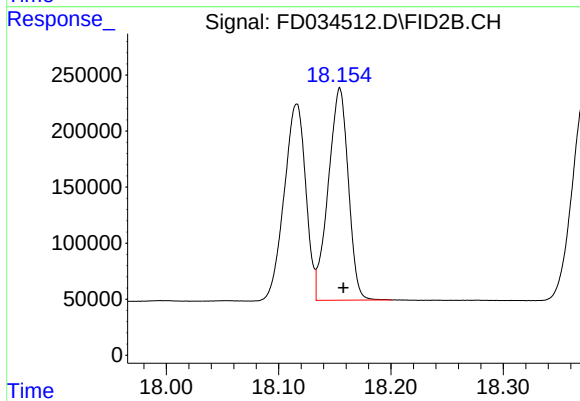
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.752 min
Delta R.T.: -0.003 min
Response: 2360984
Conc: 18.86 ug/ml



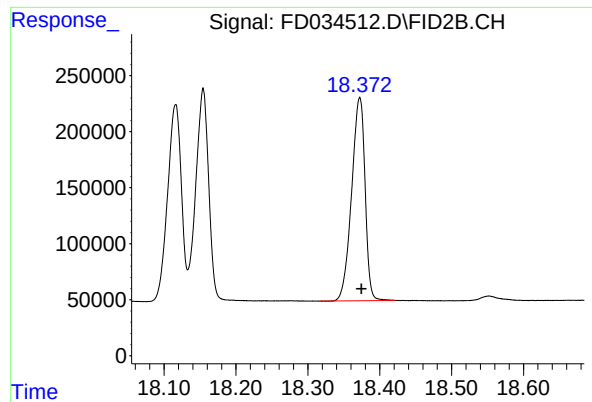
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.116 min
Delta R.T.: -0.003 min
Response: 2340325
Conc: 19.45 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.003 min
Response: 2349127
Conc: 19.90 ug/ml



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

R.T.: 18.372 min
Delta R.T.: -0.002 min
Response: 2352313
Conc: 19.85 ug/ml

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