

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080320AR\
 Data File : FD034320.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2020 21:51
 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 04 03:08:49 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...	7.700	2625578	22.458 ug/ml
Spiked Amount 50.000		Recovery =	44.92%
6) S 2-Fluorobiphenyl (SURR)	8.565	1859828	22.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.87%
11) S ortho-Terphenyl (SURR)	11.607	3019422	22.219 ug/ml
Spiked Amount 50.000		Recovery =	44.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2848096	22.345 ug/ml
2) T Naphthalene (C11.7)	6.037	2998445	22.412 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	3029640	22.445 ug/ml
5) T Acenaphthylene (C15.06)	8.368	2939019	22.207 ug/ml
7) T Acenaphthene (C15.5)	8.664	3008717	22.372 ug/ml
8) T Fluorene (C16.55)	9.445	2966264	22.317 ug/ml
9) T Phenanthrene (C19.36)	10.842	2981184	22.241 ug/ml
10) T Anthracene (C19.43)	10.917	2925559	22.043 ug/ml
12) T Fluoranthene (C21.85)	12.655	3013572	22.172 ug/ml
13) T Pyrene (C20.8)	12.952	2934856	22.040 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2856003	21.760 ug/ml
15) T Chrysene (C27.41)	14.865	2851893	21.752 ug/ml
16) T benzo[b]fluoranthene ...	16.370	2755606	21.539 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2668604	21.546 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.748	2680098	21.406 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.112	2512129	20.878 ug/ml
20) T Dibenz[a,h]anthracene...	18.151	2560315	21.688 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	2494548	21.053 ug/ml

(f)=RT Delta > 1/2 Window

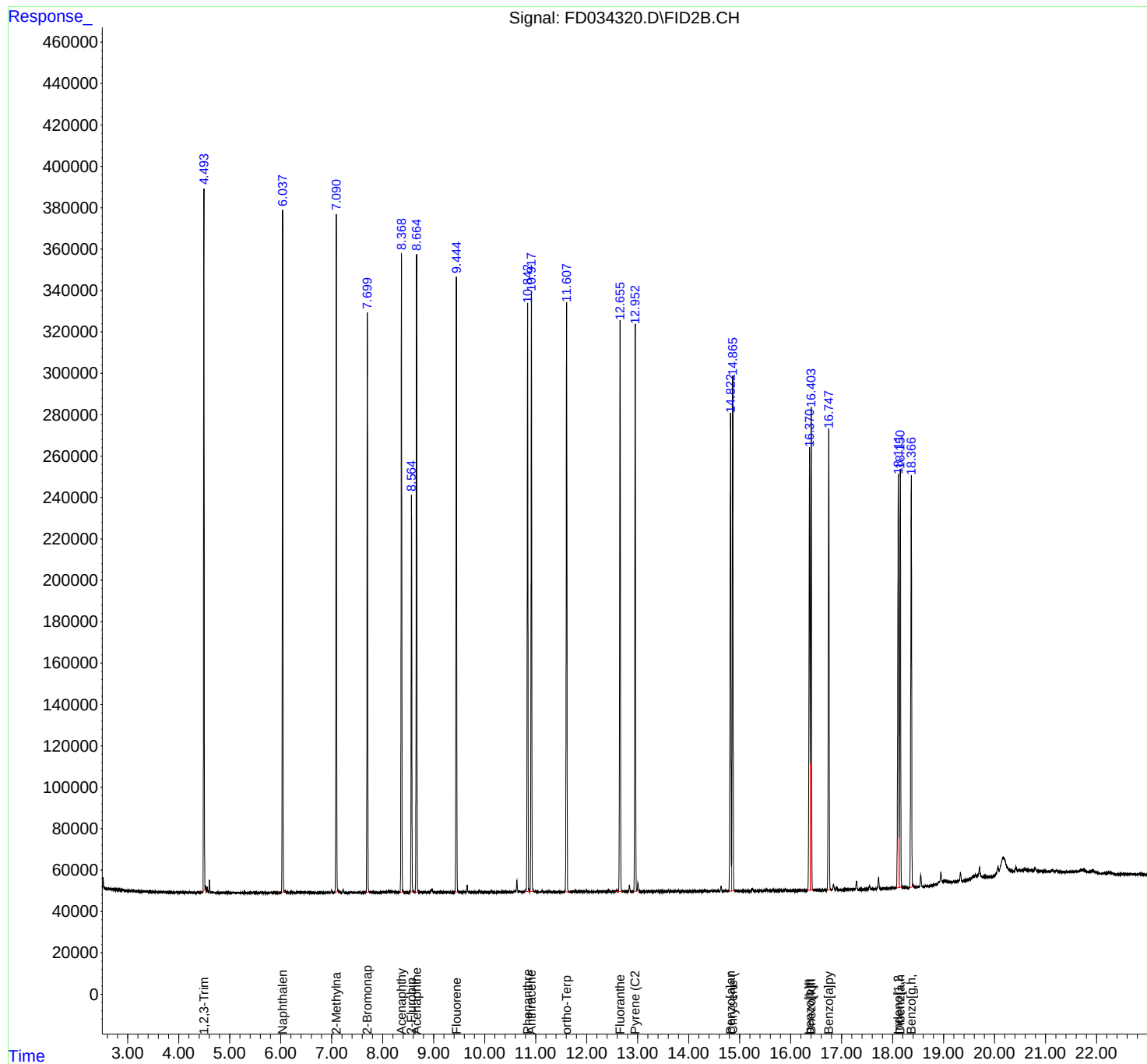
(m)=manual int.

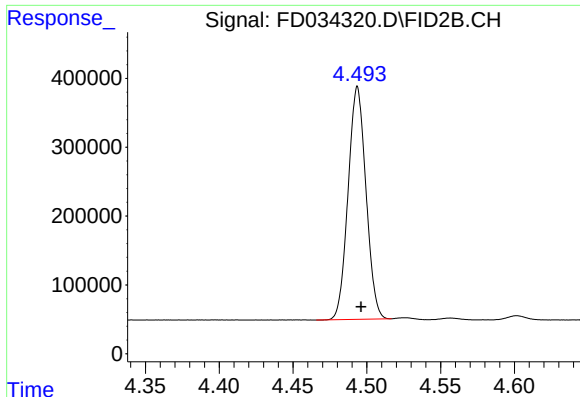
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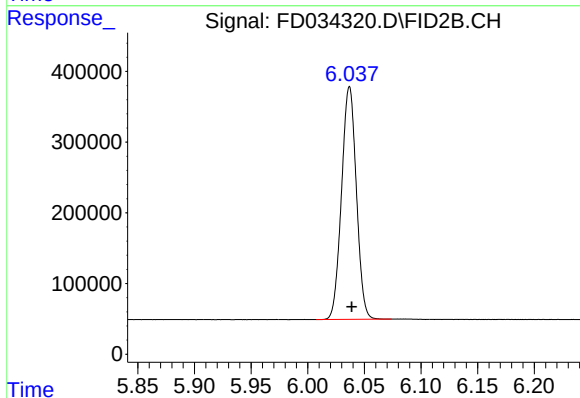




#1 1,2,3-Trimethylbenzene (C10.1)

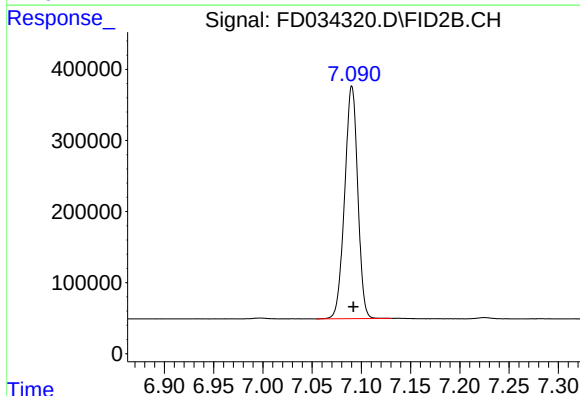
R.T.: 4.494 min
Delta R.T.: -0.002 min
Response: 2848096
Conc: 22.34 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



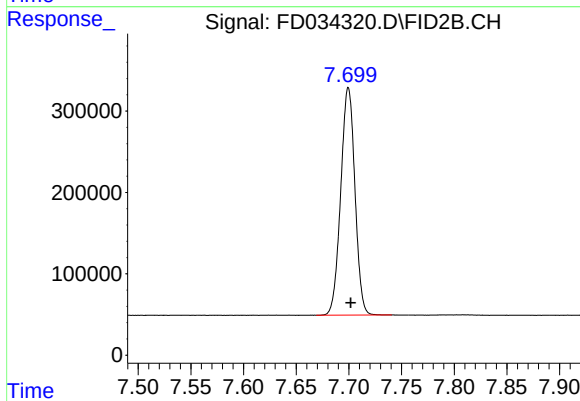
#2 Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 2998445
Conc: 22.41 ug/ml



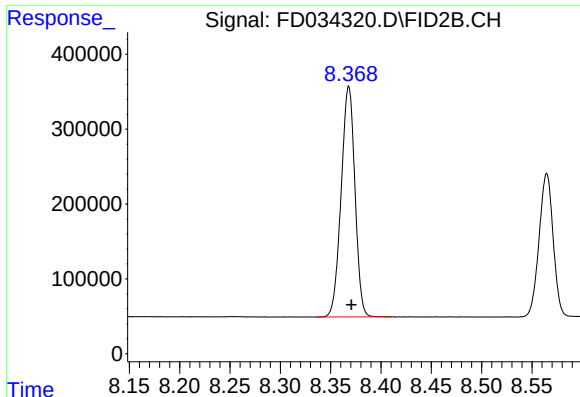
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.002 min
Response: 3029640
Conc: 22.44 ug/ml



#4 2-Bromonaphthalene (SURR)

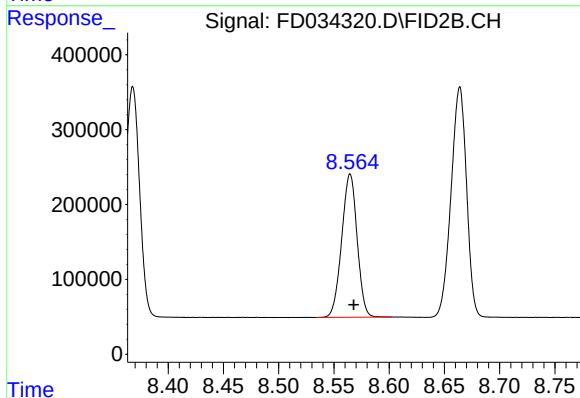
R.T.: 7.700 min
Delta R.T.: -0.002 min
Response: 2625578
Conc: 22.46 ug/ml



#5 Acenaphthylene (C15.06)

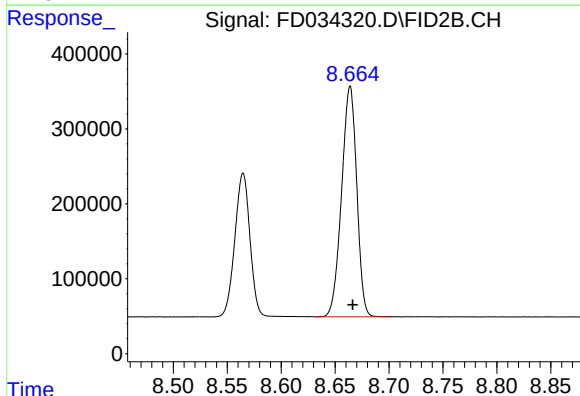
R.T.: 8.368 min
Delta R.T.: -0.003 min
Response: 2939019
Conc: 22.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



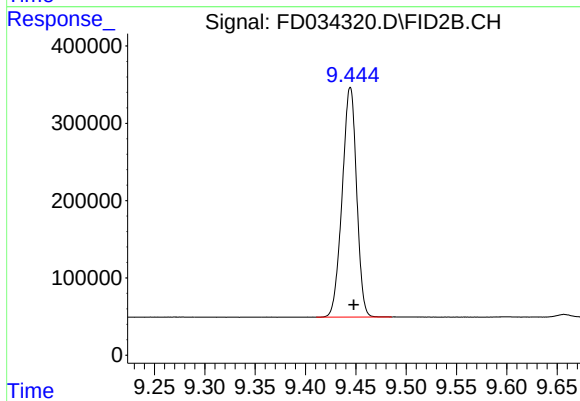
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 1859828
Conc: 22.43 ug/ml



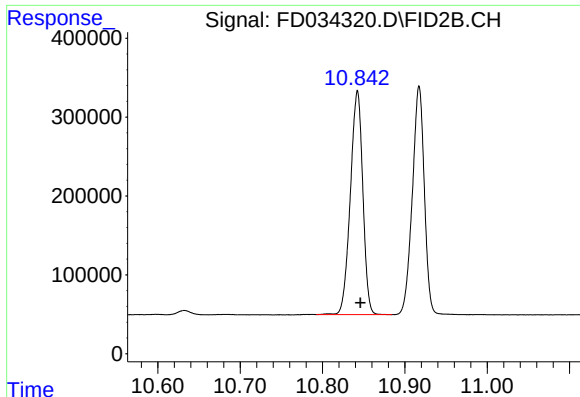
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: -0.002 min
Response: 3008717
Conc: 22.37 ug/ml



#8 Fluorene (C16.55)

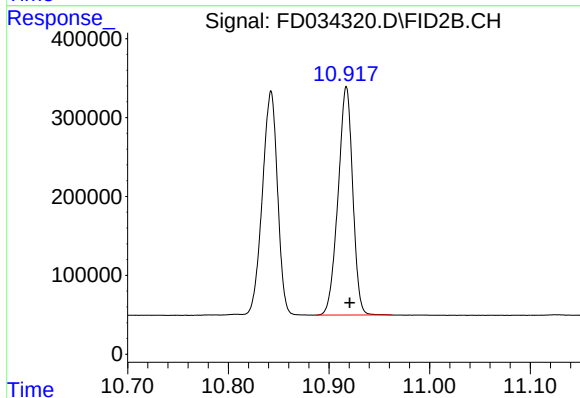
R.T.: 9.445 min
Delta R.T.: -0.004 min
Response: 2966264
Conc: 22.32 ug/ml



#9 Phenanthrene (C19.36)

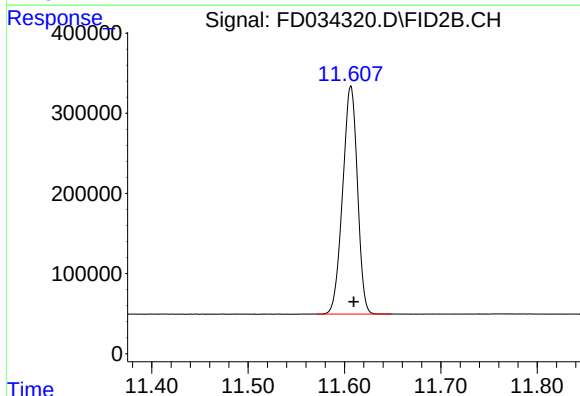
R.T.: 10.842 min
Delta R.T.: -0.004 min
Response: 2981184
Conc: 22.24 ug/ml

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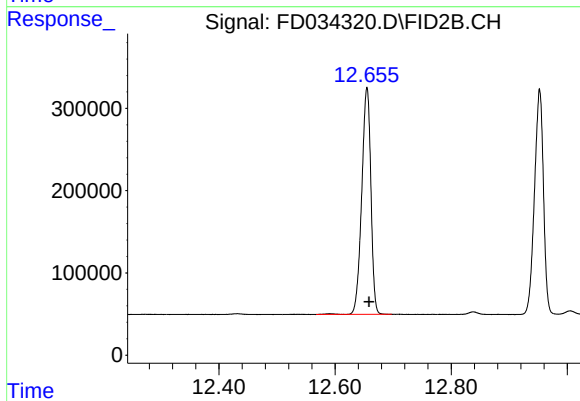
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: -0.003 min
Response: 2925559
Conc: 22.04 ug/ml



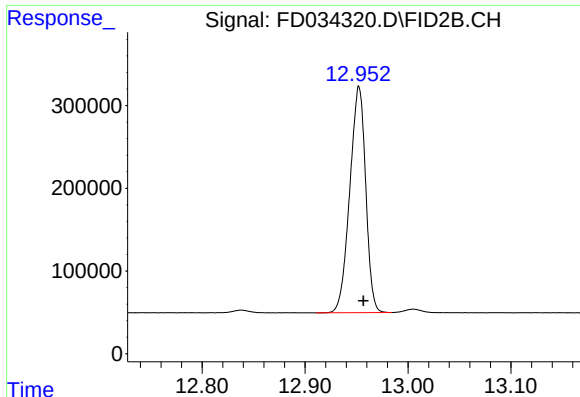
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.003 min
Response: 3019422
Conc: 22.22 ug/ml



#12 Fluoranthene (C21.85)

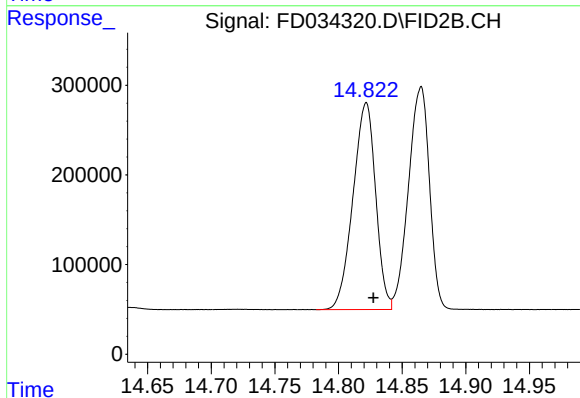
R.T.: 12.655 min
Delta R.T.: -0.004 min
Response: 3013572
Conc: 22.17 ug/ml



#13 Pyrene (C20.8)

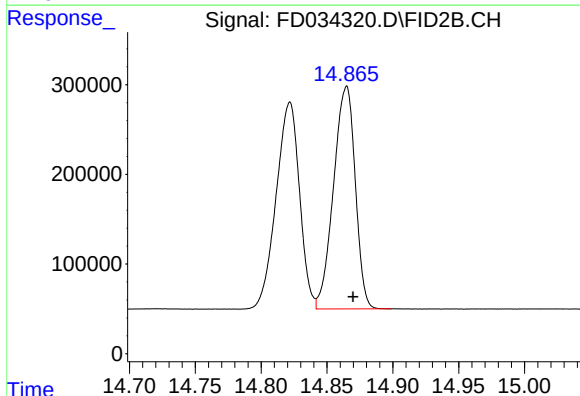
R.T.: 12.952 min
Delta R.T.: -0.004 min
Response: 2934856
Conc: 22.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



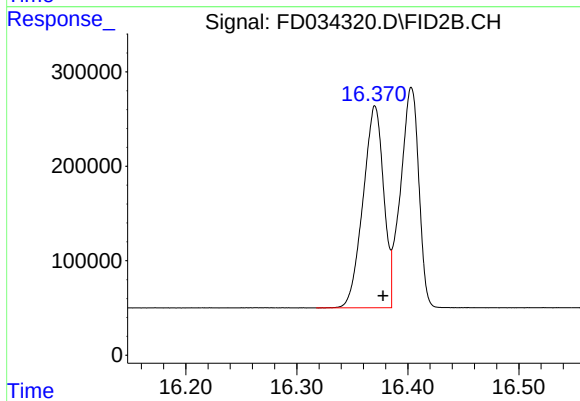
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.006 min
Response: 2856003
Conc: 21.76 ug/ml



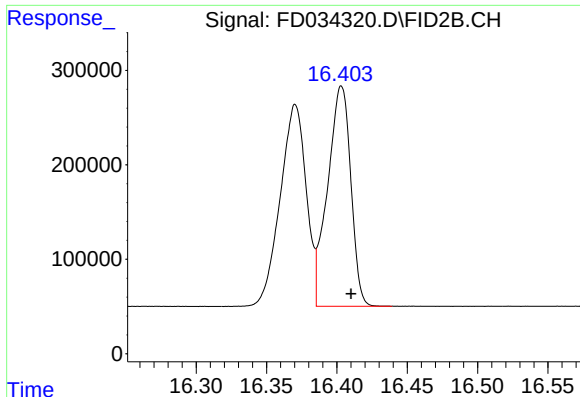
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.005 min
Response: 2851893
Conc: 21.75 ug/ml



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

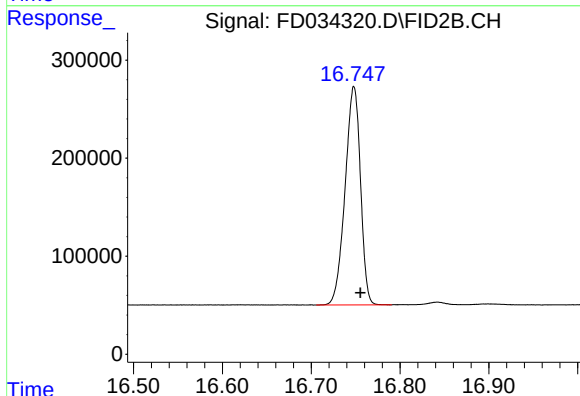
R.T.: 16.370 min
Delta R.T.: -0.007 min
Response: 2755606
Conc: 21.54 ug/ml



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

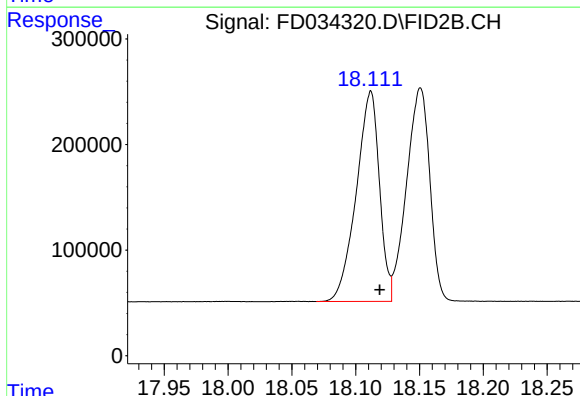
R.T.: 16.403 min
Delta R.T.: -0.007 min
Response: 2668604
Conc: 21.55 ug/ml

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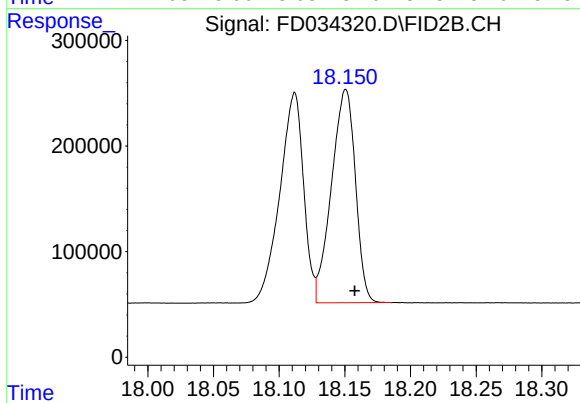
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.748 min
Delta R.T.: -0.007 min
Response: 2680098
Conc: 21.41 ug/ml



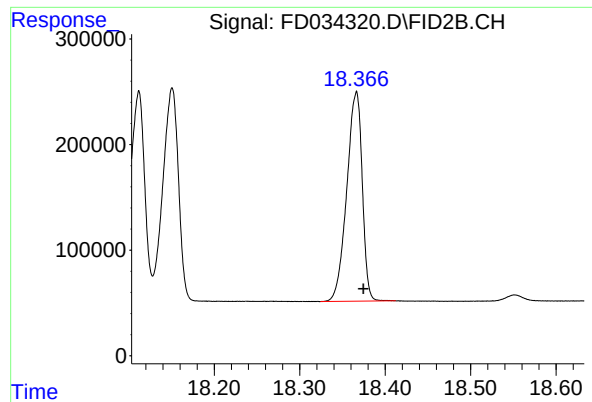
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.112 min
Delta R.T.: -0.007 min
Response: 2512129
Conc: 20.88 ug/ml



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

R.T.: 18.151 min
Delta R.T.: -0.007 min
Response: 2560315
Conc: 21.69 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.008 min
Response: 2494548
Conc: 21.05 ug/ml

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