

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080719AR\
 Data File : FD029955.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2019 9:07
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 15:04:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.672	3168853	20.025 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
6) S 2-Fluorobiphenyl (SURR)	8.535	2086727	19.426 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.85%
11) S ortho-Terphenyl (SURR)	11.570	3182500	18.752 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.473	3563182	21.075 ug/mlm
2) T Naphthalene (C11.7)	6.013	3662008	20.462 ug/ml
3) T 2-Methylnaphthalene (...)	7.064	3555004	20.151 ug/ml
5) T Acenaphthylene (C15.06)	8.339	3297319	19.477 ug/ml
7) T Acenaphthene (C15.5)	8.635	3446993	19.562 ug/ml
8) T Flouorene (C16.55)	9.413	3343682	19.136 ug/ml
9) T Phenanthrene (C19.36)	10.807	3181066	18.344 ug/ml
10) T Anthracene (C19.43)	10.882	3076801	18.197 ug/ml
12) T Fluoranthene (C21.85)	12.616	2978132	17.391 ug/ml
13) T Pyrene (C20.8)	12.913	2922218	17.178 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2699690	17.318 ug/ml
15) T Chrysene (C27.41)	14.821	2699690	17.321 ug/ml
16) T benzo[b]fluoranthene ...	16.358	2661209	18.224 ug/ml
17) T Bnezo[k]fluoranthene ...	16.358	2661209	18.401 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.702	2663392	18.993 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.102	2669047	20.950 ug/ml
20) T Dibenz[a,h]anthracene...	18.102	2669047	21.342 ug/ml
21) T Benzo[g,h,i]perylene ...	18.319	2679227	21.478 ug/ml

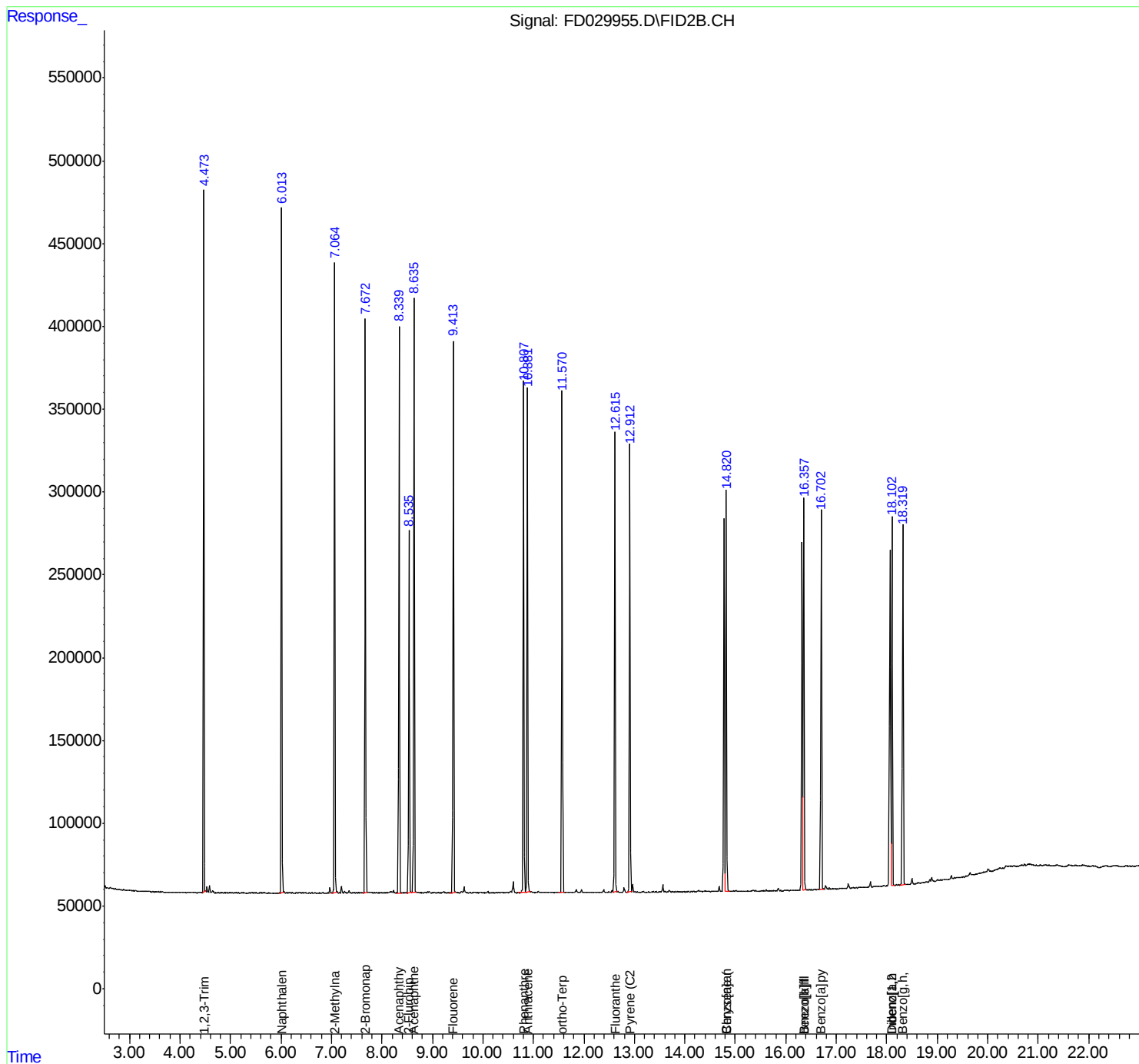
(f)=RT Delta > 1/2 Window

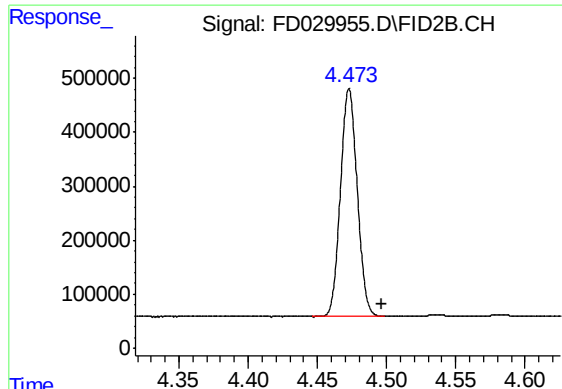
(m)=manual int.

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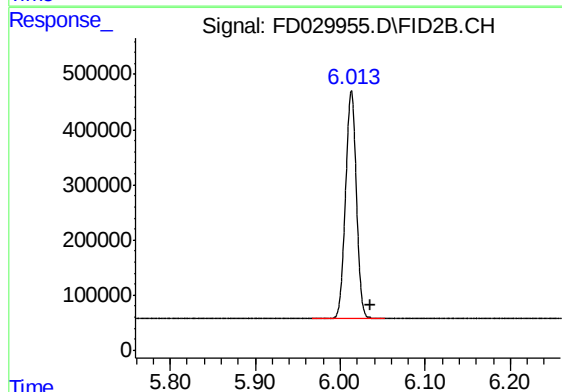
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





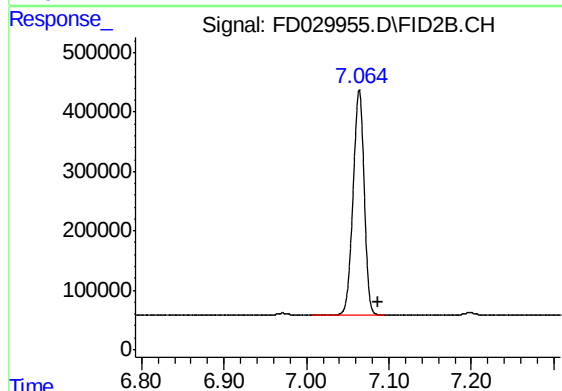
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 3563182
Conc: 21.07 ug/ml m



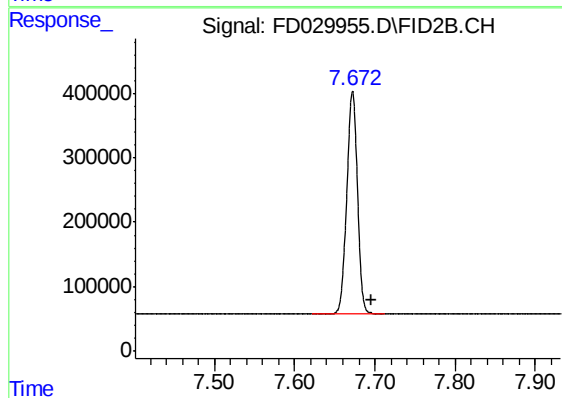
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.023 min
Response: 3662008
Conc: 20.46 ug/ml



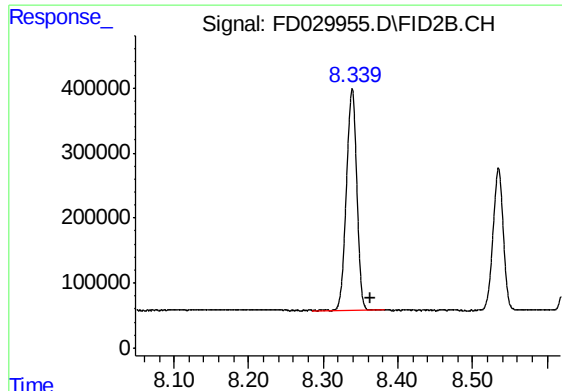
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.023 min
Response: 3555004
Conc: 20.15 ug/ml



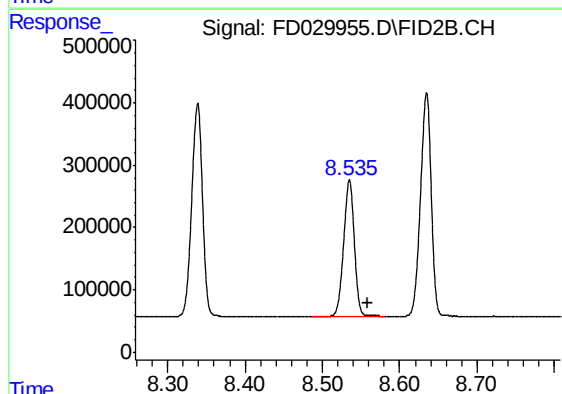
#4 2-Bromonaphthalene (SURR)

R.T.: 7.672 min
Delta R.T.: -0.023 min
Response: 3168853
Conc: 20.03 ug/ml



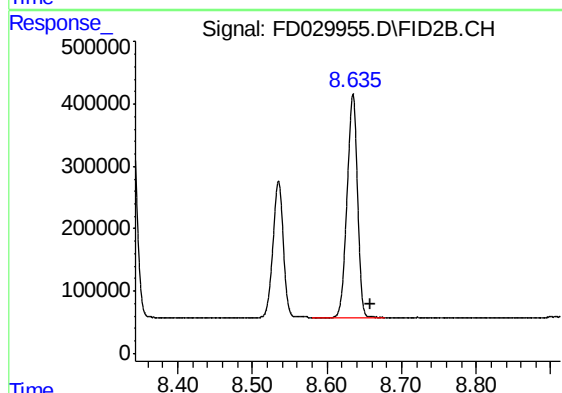
#5 Acenaphthylene (C15.06)

R.T.: 8.339 min
Delta R.T.: -0.024 min
Response: 3297319
Conc: 19.48 ug/ml



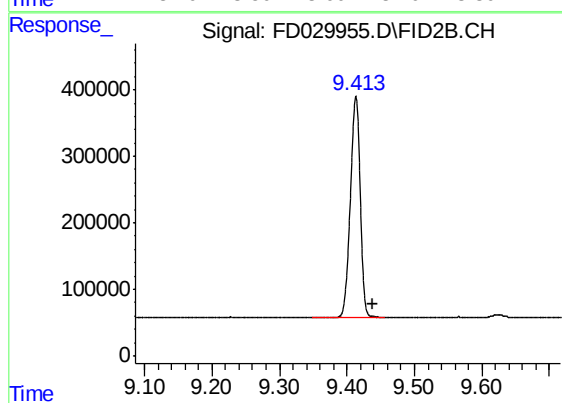
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.535 min
Delta R.T.: -0.023 min
Response: 2086727
Conc: 19.43 ug/ml



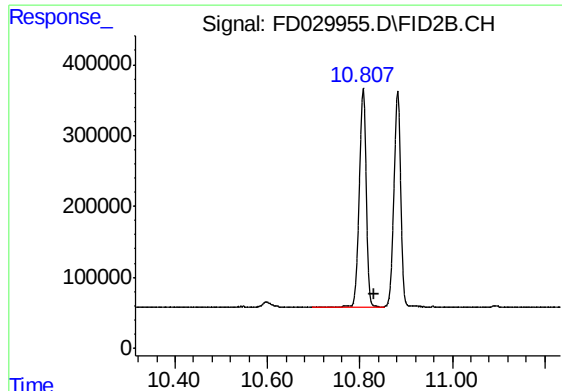
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.023 min
Response: 3446993
Conc: 19.56 ug/ml



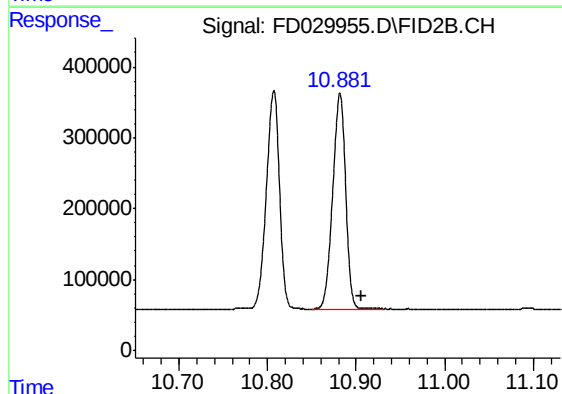
#8 Fluorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.024 min
Response: 3343682
Conc: 19.14 ug/ml



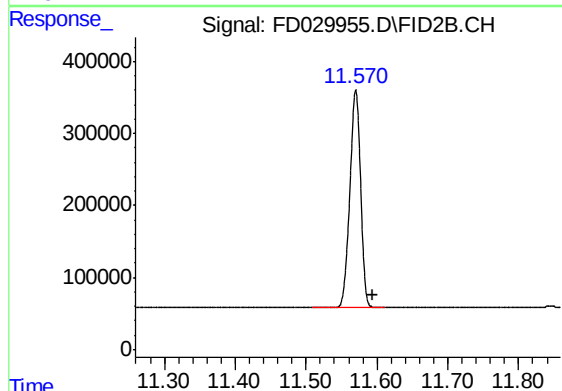
#9 Phenanthrene (C19.36)

R.T.: 10.807 min
Delta R.T.: -0.025 min
Response: 3181066
Conc: 18.34 ug/ml



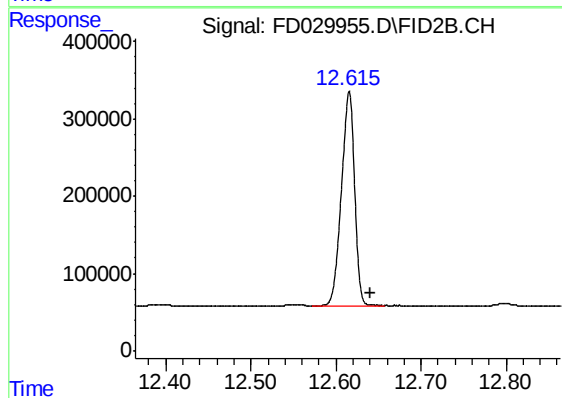
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: -0.025 min
Response: 3076801
Conc: 18.20 ug/ml



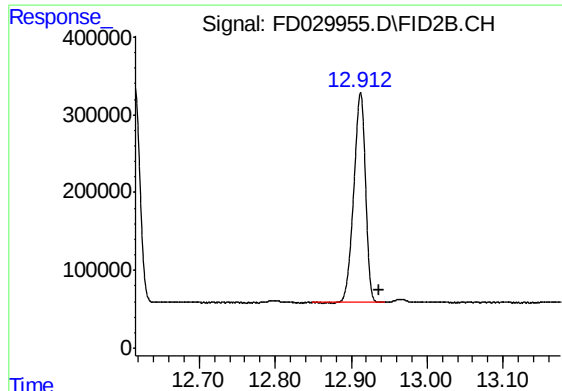
#11 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: -0.025 min
Response: 3182500
Conc: 18.75 ug/ml



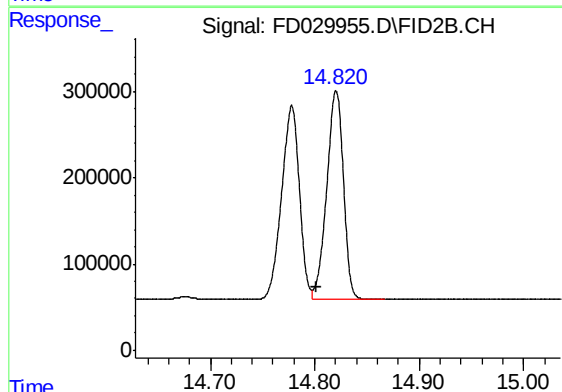
#12 Fluoranthene (C21.85)

R.T.: 12.616 min
Delta R.T.: -0.025 min
Response: 2978132
Conc: 17.39 ug/ml



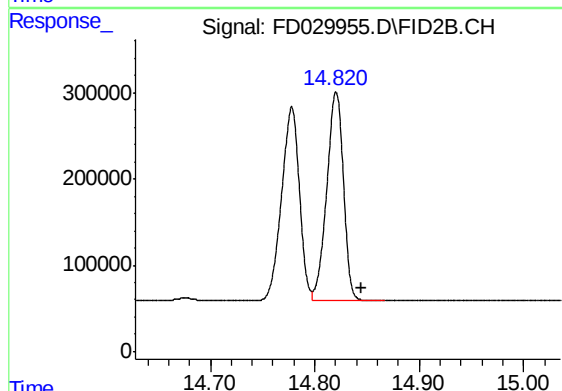
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: -0.025 min
Response: 2922218
Conc: 17.18 ug/ml



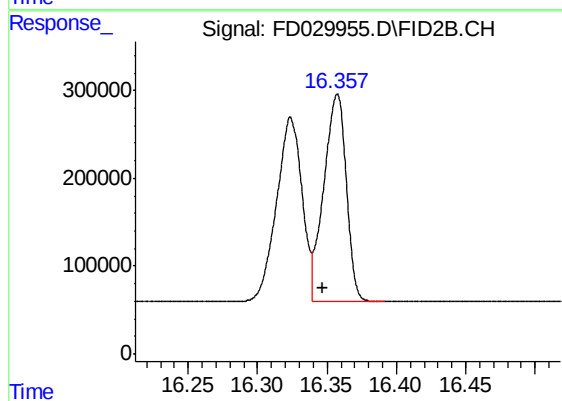
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: 0.019 min
Response: 2699690
Conc: 17.32 ug/ml



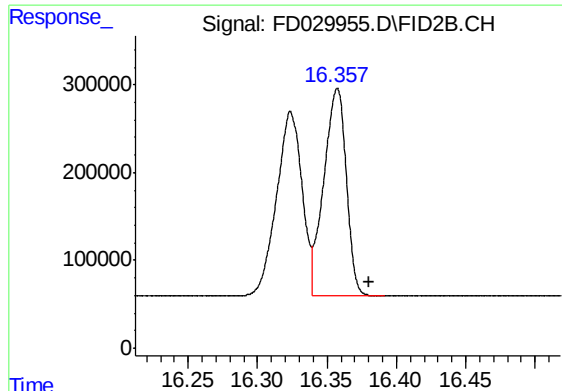
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: -0.024 min
Response: 2699690
Conc: 17.32 ug/ml



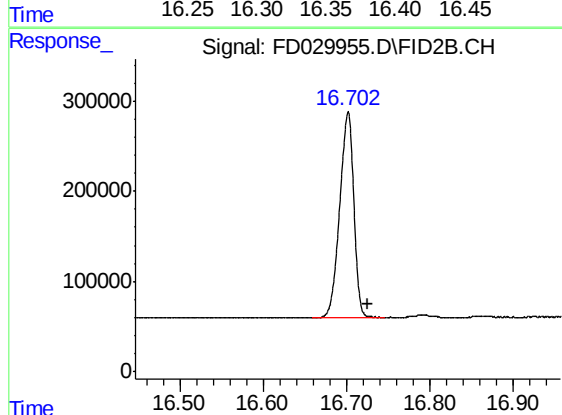
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.358 min
Delta R.T.: 0.011 min
Response: 2661209
Conc: 18.22 ug/ml



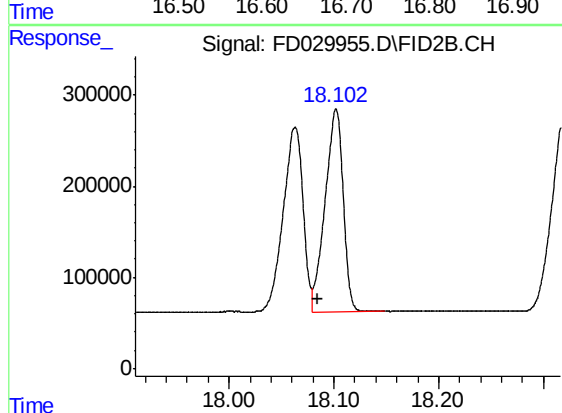
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.358 min
Delta R.T.: -0.023 min
Response: 2661209
Conc: 18.40 ug/ml



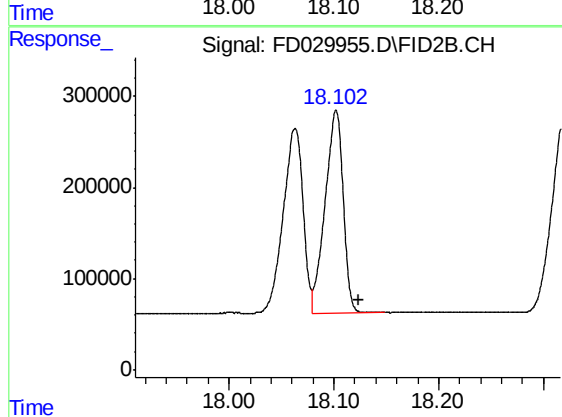
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: -0.023 min
Response: 2663392
Conc: 18.99 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.018 min
Response: 2669047
Conc: 20.95 ug/ml



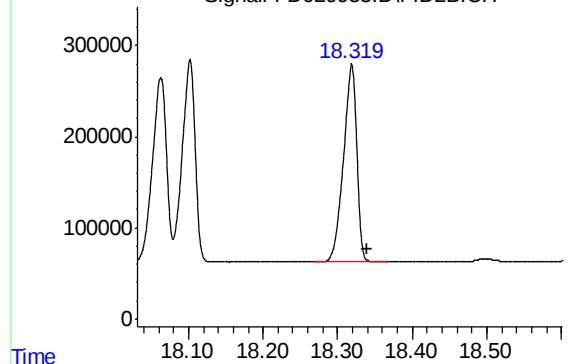
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.102 min
Delta R.T.: -0.021 min
Response: 2669047
Conc: 21.34 ug/ml

Response_

Signal: FD029955.D\FID2B.CH

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



R.T.: 18.319 min
Delta R.T.: -0.020 min
Response: 2679227
Conc: 21.48 ug/ml