

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030828.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2019 1:11
 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: Sep 27 03:22:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.576	3452986	20.279 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
6) S 2-Fluorobiphenyl (SURR)	8.437	2319274	20.109 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.22%
11) S ortho-Terphenyl (SURR)	11.466	3656800	19.583 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.384	3767961	20.460 ug/ml
2) T Naphthalene (C11.7)	5.918	3935343	20.466 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	3878545	20.362 ug/ml
5) T Acenaphthylene (C15.06)	8.239	3665276	19.900 ug/ml
7) T Acenaphthene (C15.5)	8.535	3850288	19.948 ug/ml
8) T Fluorene (C16.55)	9.313	3761601	19.901 ug/ml
9) T Phenanthrene (C19.36)	10.705	3698725	19.670 ug/ml
10) T Anthracene (C19.43)	10.780	3540724	19.374 ug/ml
12) T Fluoranthene (C21.85)	12.511	3606428	19.289 ug/ml
13) T Pyrene (C20.8)	12.808	3510310	19.089 ug/ml
14) T Benzo[a]anthracene (C...	14.674	3282401	18.971 ug/ml
15) T Chrysene (C27.41)	14.716	3347083	18.858 ug/ml
16) T benzo[b]fluoranthene ...	16.220	3120259	18.525 ug/ml
17) T Bnezo[k]fluoranthene ...	16.252	3133543	18.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.597	3017907	18.384 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.959	2849690	18.189 ug/ml
20) T Dibenz[a,h]anthracene...	17.997	2919080	18.655 ug/ml
21) T Benzo[g,h,i]perylene ...	18.214	2867370	18.620 ug/ml

(f)=RT Delta > 1/2 Window

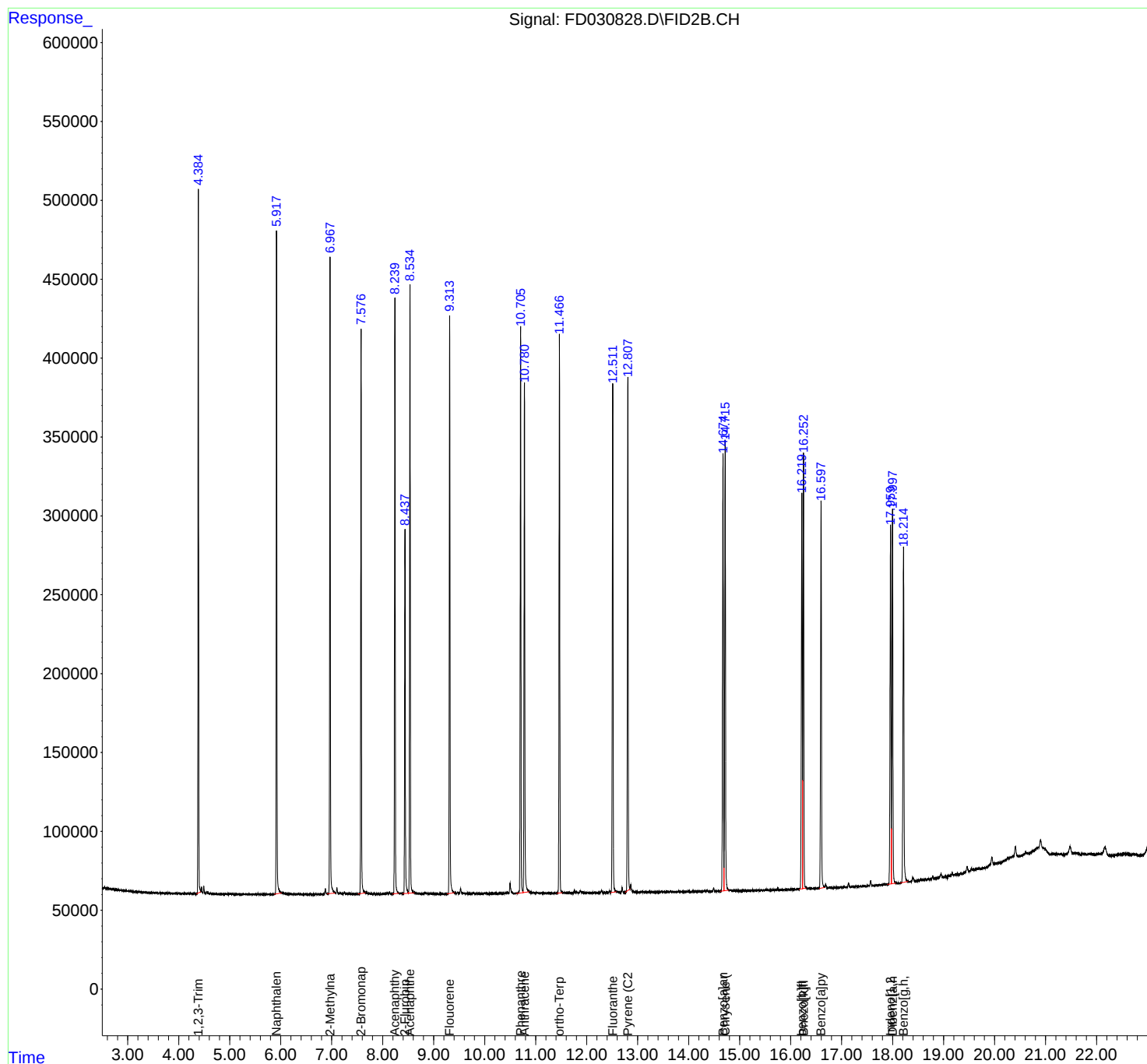
(m)=manual int.

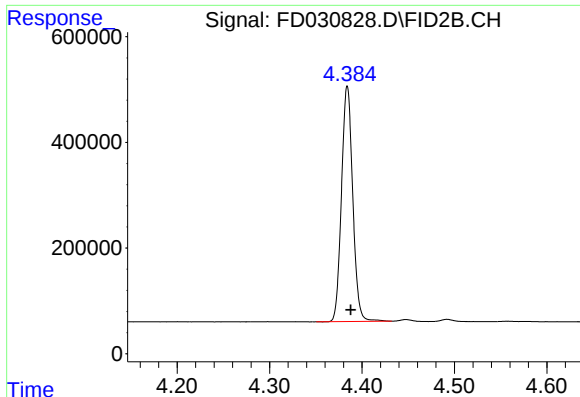
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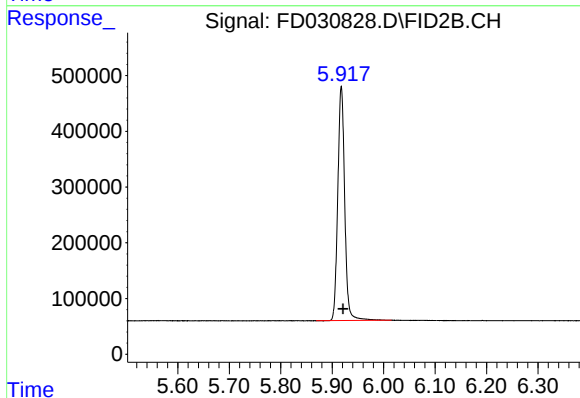




#1 1,2,3-Trimethylbenzene (C10.1)

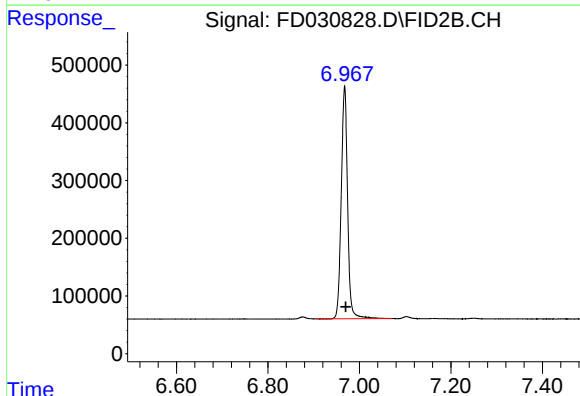
R.T.: 4.384 min
Delta R.T.: -0.004 min
Response: 3767961
Conc: 20.46 ug/ml

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20 PPM AROMATIC HC STD



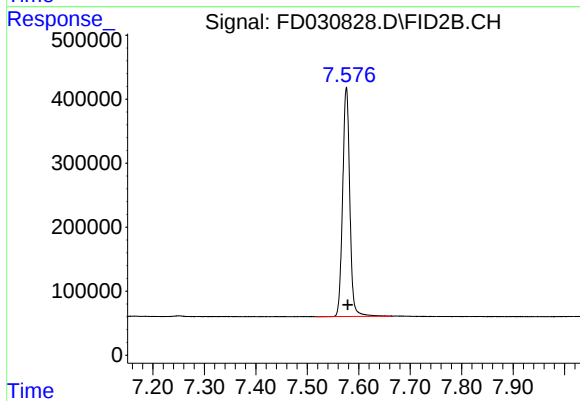
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 3935343
Conc: 20.47 ug/ml



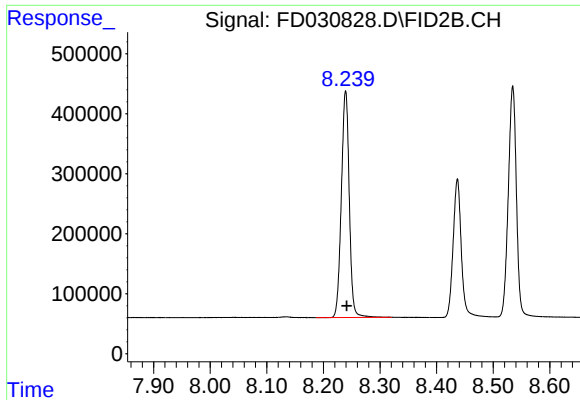
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 3878545
Conc: 20.36 ug/ml



#4 2-Bromonaphthalene (SURR)

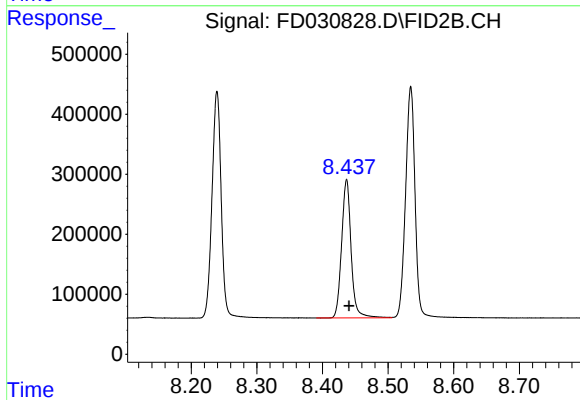
R.T.: 7.576 min
Delta R.T.: -0.003 min
Response: 3452986
Conc: 20.28 ug/ml



#5 Acenaphthylene (C15.06)

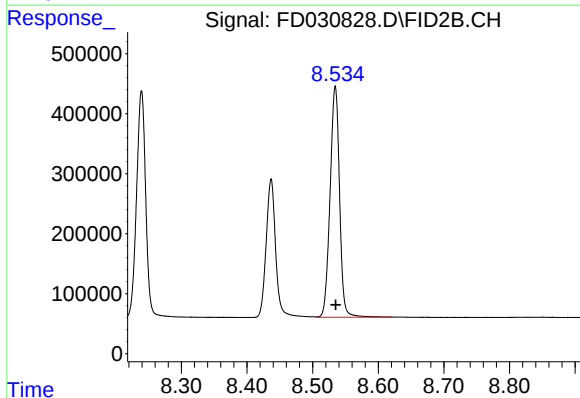
R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 3665276
Conc: 19.90 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



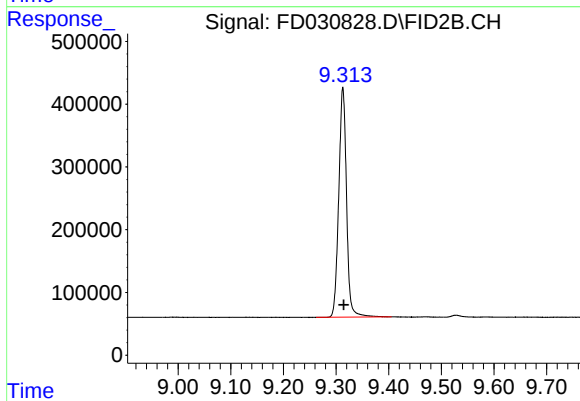
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.437 min
Delta R.T.: -0.004 min
Response: 2319274
Conc: 20.11 ug/ml



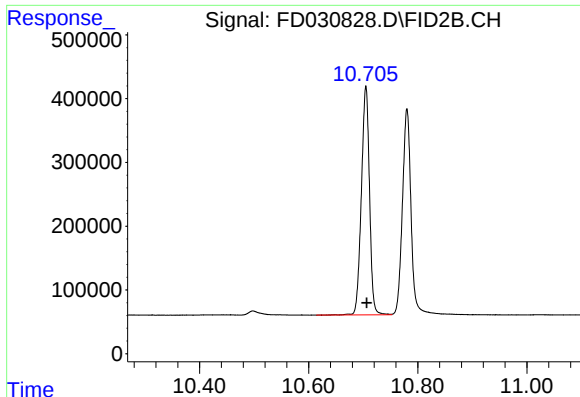
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 3850288
Conc: 19.95 ug/ml



#8 Flouorene (C16.55)

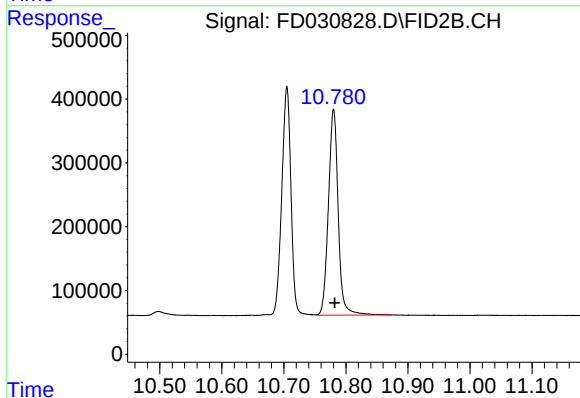
R.T.: 9.313 min
Delta R.T.: -0.002 min
Response: 3761601
Conc: 19.90 ug/ml



#9 Phenanthrene (C19.36)

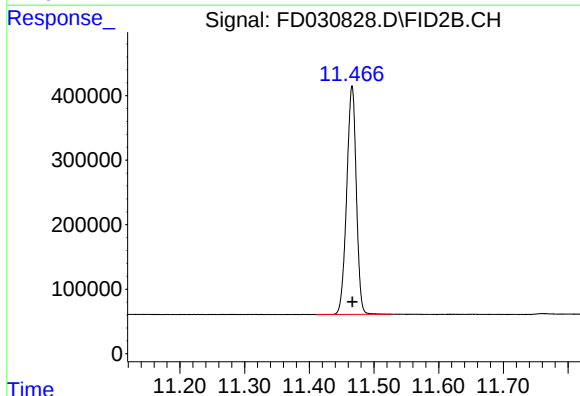
R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 3698725
Conc: 19.67 ug/ml

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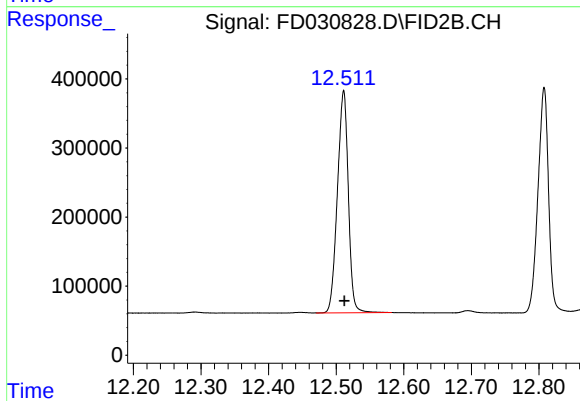
#10 Anthracene (C19.43)

R.T.: 10.780 min
Delta R.T.: -0.002 min
Response: 3540724
Conc: 19.37 ug/ml



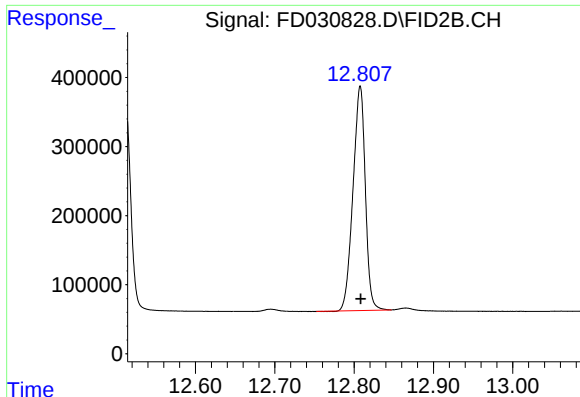
#11 ortho-Terphenyl (SURR)

R.T.: 11.466 min
Delta R.T.: 0.000 min
Response: 3656800
Conc: 19.58 ug/ml



#12 Fluoranthene (C21.85)

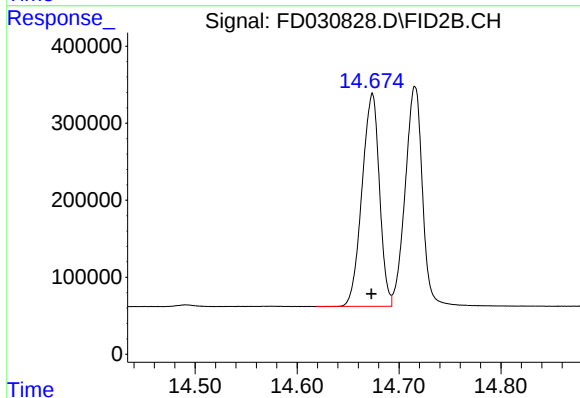
R.T.: 12.511 min
Delta R.T.: -0.001 min
Response: 3606428
Conc: 19.29 ug/ml



#13 Pyrene (C20.8)

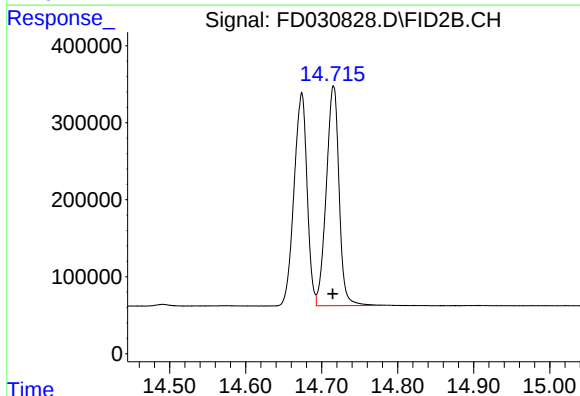
R.T.: 12.808 min
Delta R.T.: 0.000 min
Response: 3510310
Conc: 19.09 ug/ml

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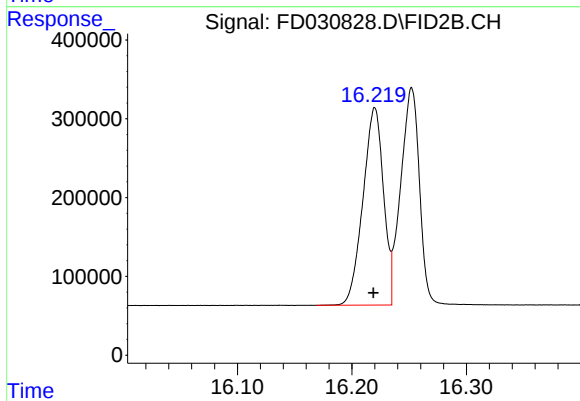
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 3282401
Conc: 18.97 ug/ml



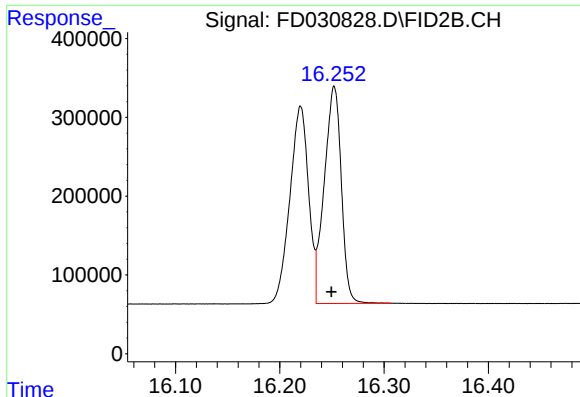
#15 Chrysene (C27.41)

R.T.: 14.716 min
Delta R.T.: 0.001 min
Response: 3347083
Conc: 18.86 ug/ml



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

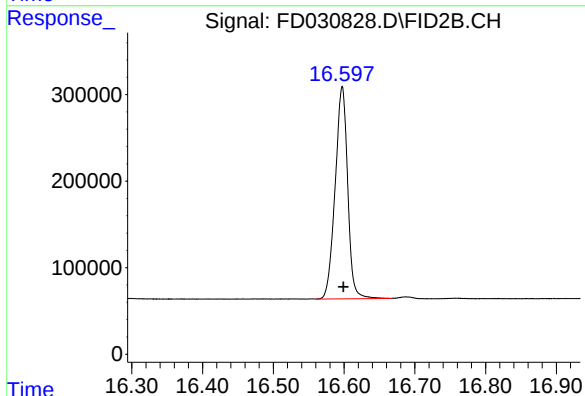
R.T.: 16.220 min
Delta R.T.: 0.001 min
Response: 3120259
Conc: 18.53 ug/ml



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

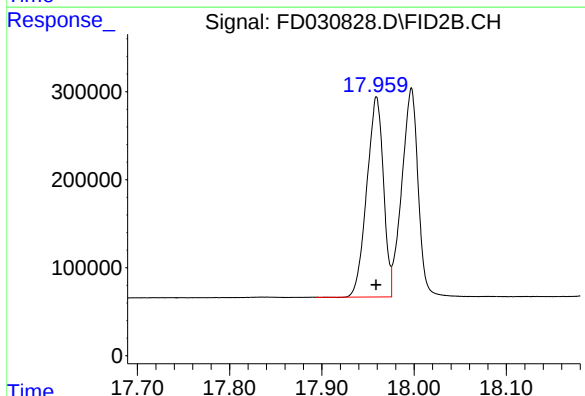
R.T.: 16.252 min
Delta R.T.: 0.003 min
Response: 3133543
Conc: 18.39 ug/ml

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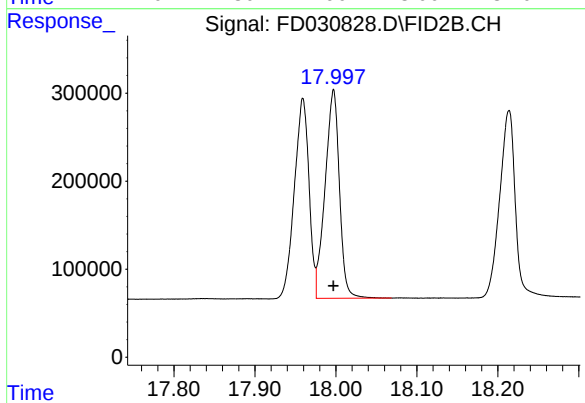
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.597 min
Delta R.T.: -0.002 min
Response: 3017907
Conc: 18.38 ug/ml



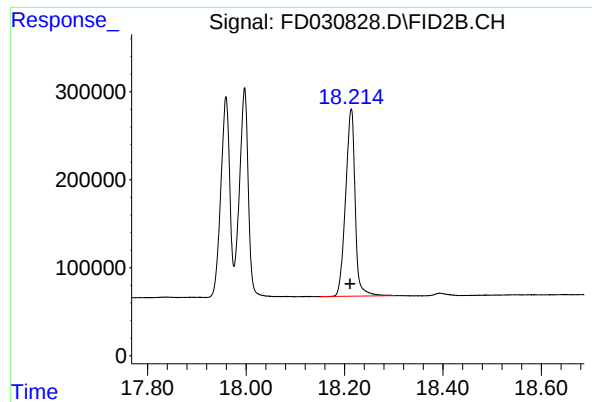
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.959 min
Delta R.T.: 0.000 min
Response: 2849690
Conc: 18.19 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.000 min
Response: 2919080
Conc: 18.66 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.002 min
Response: 2867370
Conc: 18.62 ug/ml

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