

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092619AR\
 Data File : FD030812.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 11:45
 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 03:18:44 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...	7.574	3328960	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
6) S 2-Fluorobiphenyl (SURR)	8.435	2265784	19.646 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.29%
11) S ortho-Terphenyl (SURR)	11.467	3634685	19.464 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	3572998	19.401 ug/ml
2) T Naphthalene (C11.7)	5.916	3758891	19.548 ug/ml
3) T 2-Methylnaphthalene (...)	6.965	3725835	19.560 ug/ml
5) T Acenaphthylene (C15.06)	8.238	3592733	19.506 ug/ml
7) T Acenaphthene (C15.5)	8.533	3771995	19.542 ug/ml
8) T Flouorene (C16.55)	9.312	3693392	19.540 ug/ml
9) T Phenanthrene (C19.36)	10.705	3692975	19.639 ug/ml
10) T Anthracene (C19.43)	10.780	3562763	19.494 ug/ml
12) T Fluoranthene (C21.85)	12.512	3669321	19.625 ug/ml
13) T Pyrene (C20.8)	12.808	3578277	19.458 ug/ml
14) T Benzo[a]anthracene (C...	14.675	3415153	19.739 ug/ml
15) T Chrysene (C27.41)	14.718	3475091	19.580 ug/ml
16) T benzo[b]fluoranthene ...	16.222	3331050	19.777 ug/ml
17) T Bnezo[k]fluoranthene ...	16.255	3366210	19.754 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.600	3245439	19.770 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	3074901	19.627 ug/ml
20) T Dibenz[a,h]anthracene...	18.000	3153994	20.157 ug/ml
21) T Benzo[g,h,i]perylene ...	18.216	3057794	19.856 ug/ml

(f)=RT Delta > 1/2 Window

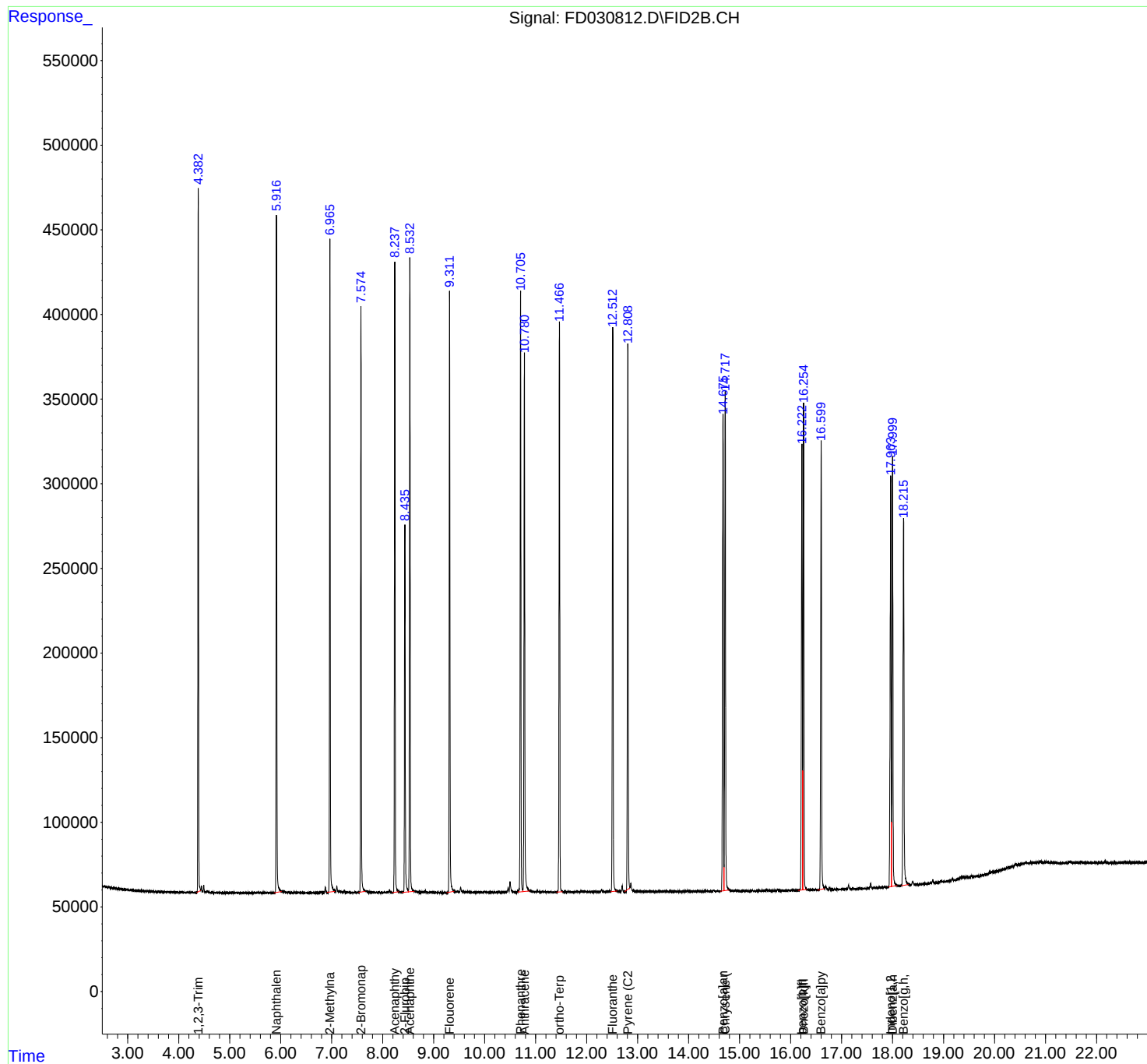
(m)=manual int.

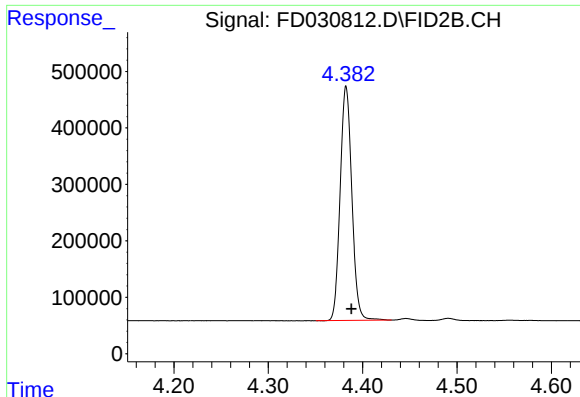
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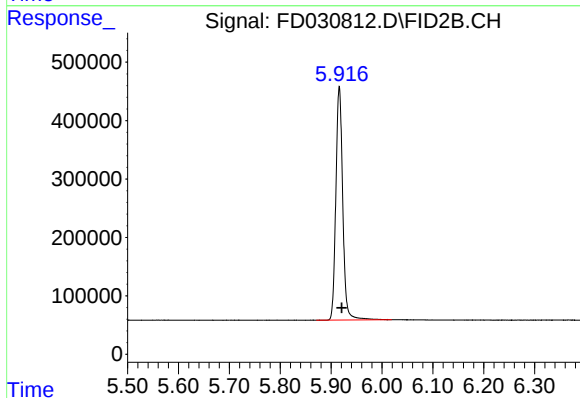




#1 1,2,3-Trimethylbenzene (C10.1)

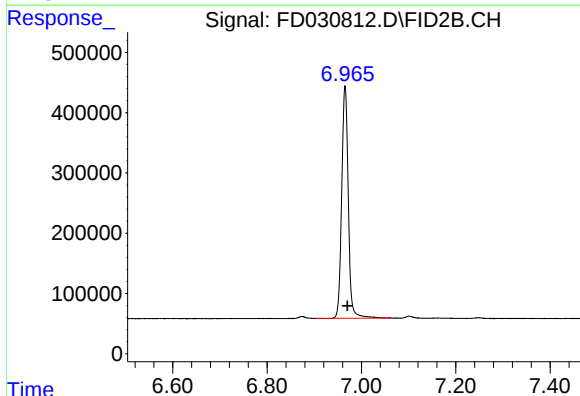
R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 3572998
Conc: 19.40 ug/ml

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20 PPM AROMATIC HC STD



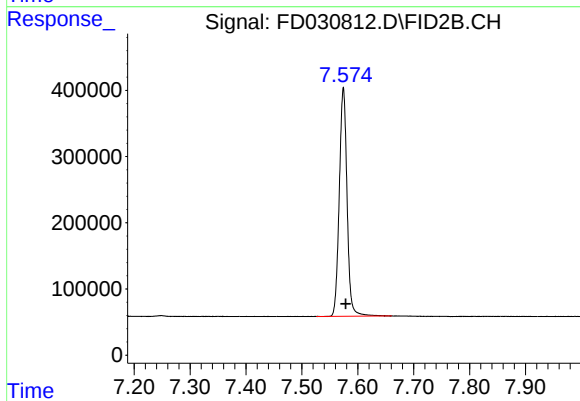
#2 Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: -0.005 min
Response: 3758891
Conc: 19.55 ug/ml



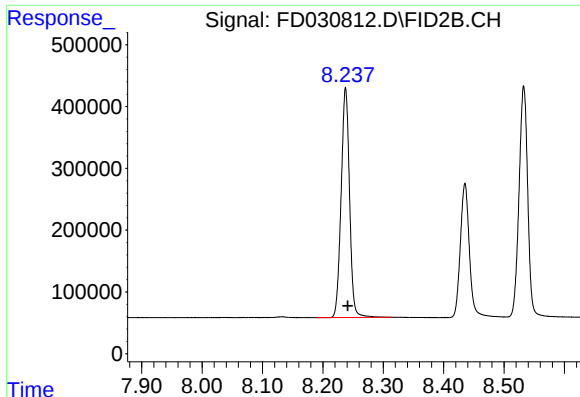
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: -0.005 min
Response: 3725835
Conc: 19.56 ug/ml



#4 2-Bromonaphthalene (SURR)

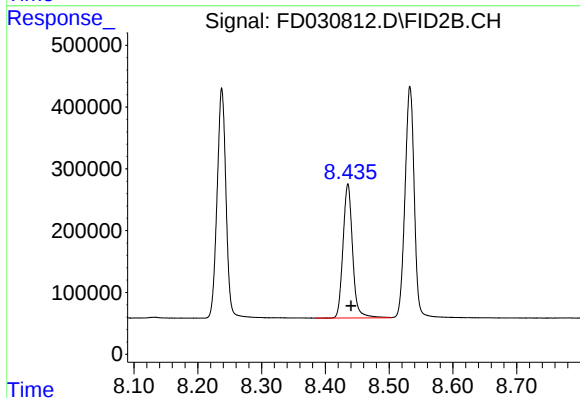
R.T.: 7.574 min
Delta R.T.: -0.004 min
Response: 3328960
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

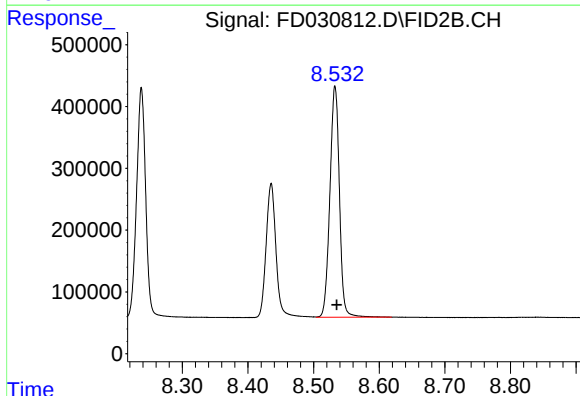
R.T.: 8.238 min
Delta R.T.: -0.003 min
Response: 3592733
Conc: 19.51 ug/ml

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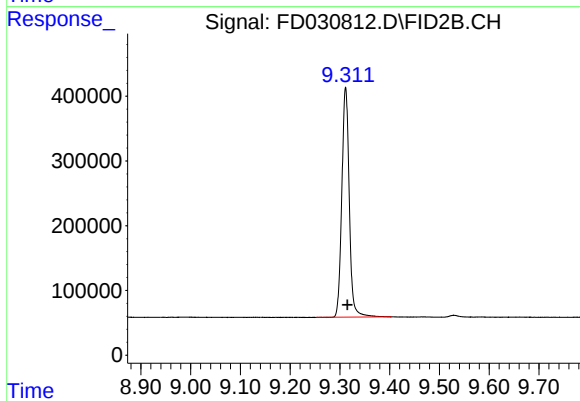
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.435 min
Delta R.T.: -0.005 min
Response: 2265784
Conc: 19.65 ug/ml



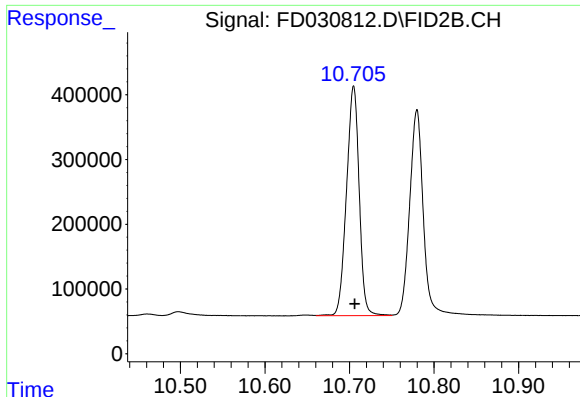
#7 Acenaphthene (C15.5)

R.T.: 8.533 min
Delta R.T.: -0.002 min
Response: 3771995
Conc: 19.54 ug/ml



#8 Fluorene (C16.55)

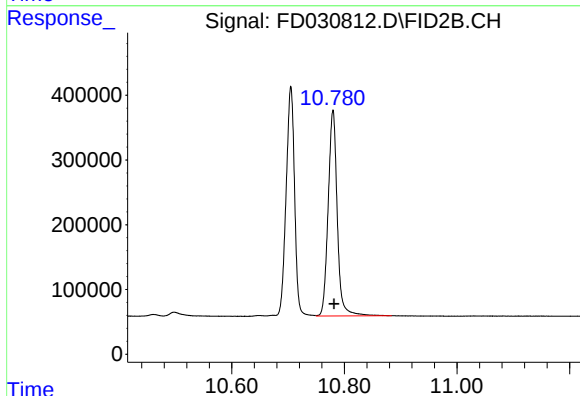
R.T.: 9.312 min
Delta R.T.: -0.003 min
Response: 3693392
Conc: 19.54 ug/ml



#9 Phenanthrene (C19.36)

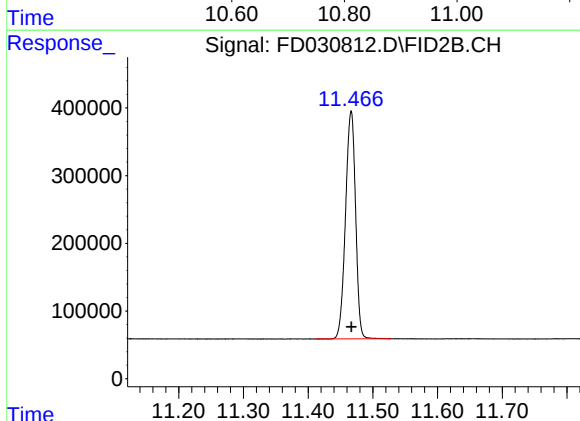
R.T.: 10.705 min
Delta R.T.: -0.001 min
Response: 3692975
Conc: 19.64 ug/ml

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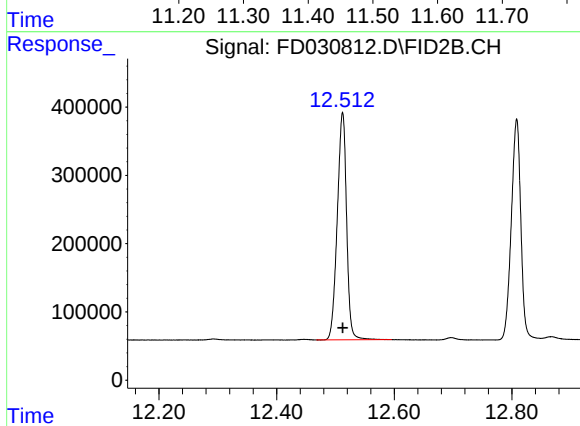
#10 Anthracene (C19.43)

R.T.: 10.780 min
Delta R.T.: -0.002 min
Response: 3562763
Conc: 19.49 ug/ml



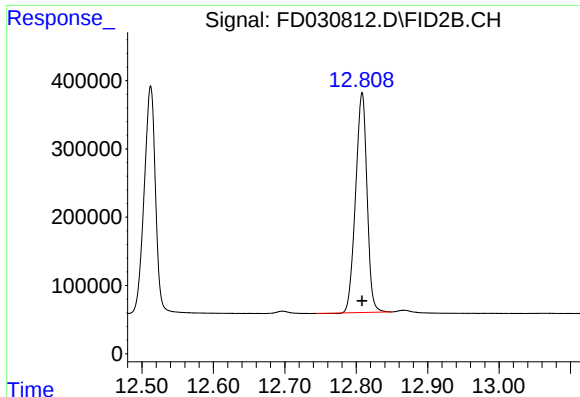
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.000 min
Response: 3634685
Conc: 19.46 ug/ml



#12 Fluoranthene (C21.85)

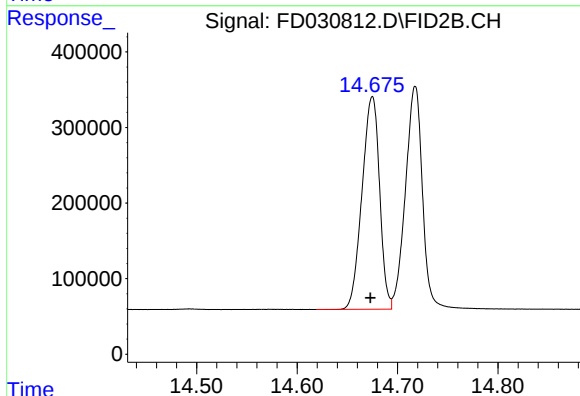
R.T.: 12.512 min
Delta R.T.: 0.000 min
Response: 3669321
Conc: 19.62 ug/ml



#13 Pyrene (C20.8)

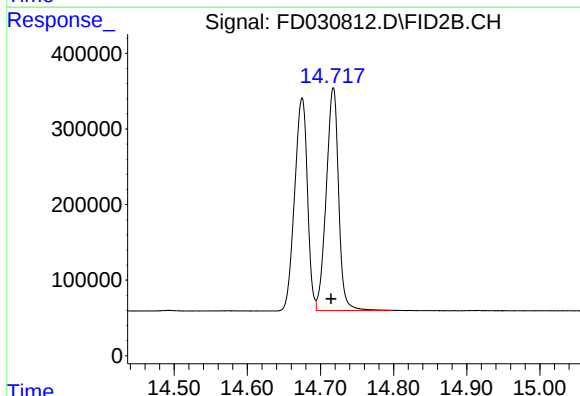
R.T.: 12.808 min
Delta R.T.: 0.000 min
Response: 3578277
Conc: 19.46 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



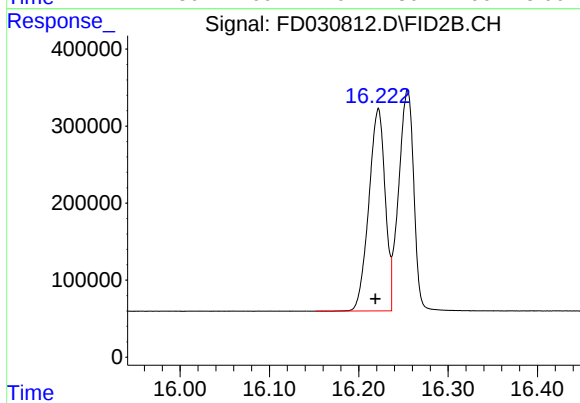
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: 0.002 min
Response: 3415153
Conc: 19.74 ug/ml



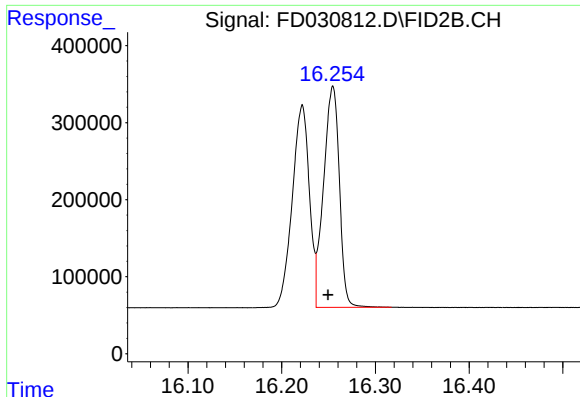
#15 Chrysene (C27.41)

R.T.: 14.718 min
Delta R.T.: 0.003 min
Response: 3475091
Conc: 19.58 ug/ml



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

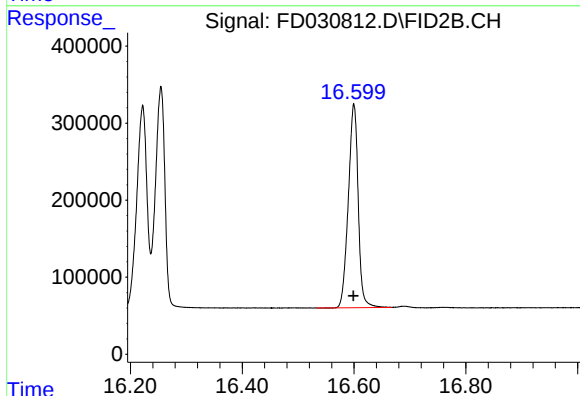
R.T.: 16.222 min
Delta R.T.: 0.003 min
Response: 3331050
Conc: 19.78 ug/ml



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

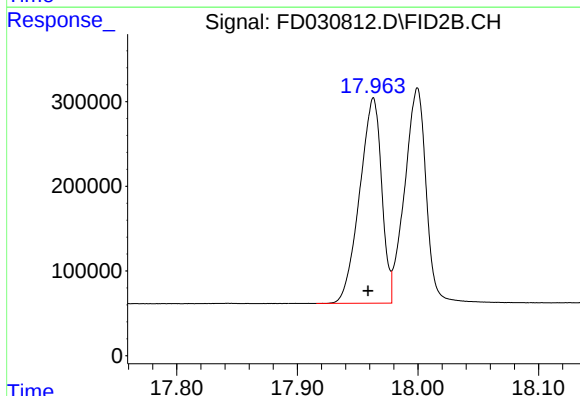
R.T.: 16.255 min
Delta R.T.: 0.005 min
Response: 3366210
Conc: 19.75 ug/ml

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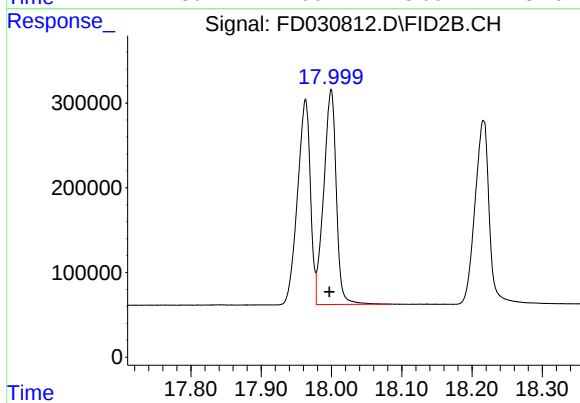
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.600 min
Delta R.T.: 0.000 min
Response: 3245439
Conc: 19.77 ug/ml



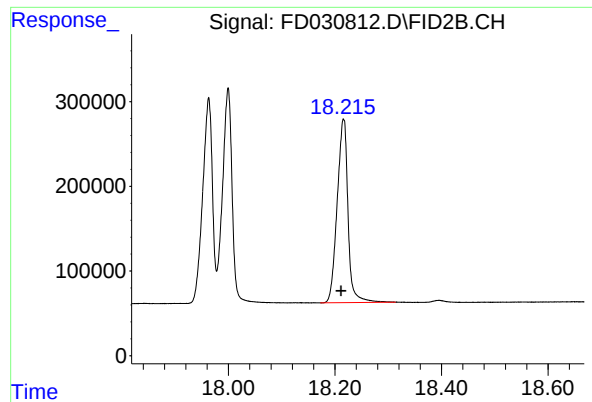
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.963 min
Delta R.T.: 0.004 min
Response: 3074901
Conc: 19.63 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.003 min
Response: 3153994
Conc: 20.16 ug/ml



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

R.T.: 18.216 min
Delta R.T.: 0.005 min
Response: 3057794
Conc: 19.86 ug/ml

Instrument :
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