

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080320AR\
 Data File : FD034300.D
 Signal(s) : FID2B.CH
 Acq On : 03 Aug 2020 9:07
 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 03:05:24 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...	7.701	2675149	22.882 ug/ml
Spiked Amount 50.000		Recovery =	45.76%
6) S 2-Fluorobiphenyl (SURR)	8.567	1888125	22.775 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.55%
11) S ortho-Terphenyl (SURR)	11.607	3048210	22.431 ug/ml
Spiked Amount 50.000		Recovery =	44.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	2911729	22.844 ug/ml
2) T Naphthalene (C11.7)	6.039	3061327	22.882 ug/ml
3) T 2-Methylnaphthalene (...)	7.092	3086013	22.862 ug/ml
5) T Acenaphthylene (C15.06)	8.370	2990632	22.597 ug/ml
7) T Acenaphthene (C15.5)	8.666	3052366	22.696 ug/ml
8) T Fluorene (C16.55)	9.446	3004374	22.603 ug/ml
9) T Phenanthrene (C19.36)	10.844	3012148	22.472 ug/ml
10) T Anthracene (C19.43)	10.919	2978108	22.439 ug/ml
12) T Fluoranthene (C21.85)	12.656	3029928	22.293 ug/ml
13) T Pyrene (C20.8)	12.953	2956938	22.206 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2881425	21.954 ug/ml
15) T Chrysene (C27.41)	14.865	2875730	21.934 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2778563	21.719 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2707248	21.858 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2717599	21.705 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2558424	21.262 ug/ml
20) T Dibenz[a,h]anthracene...	18.152	2565319	21.730 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	2537596	21.416 ug/ml

(f)=RT Delta > 1/2 Window

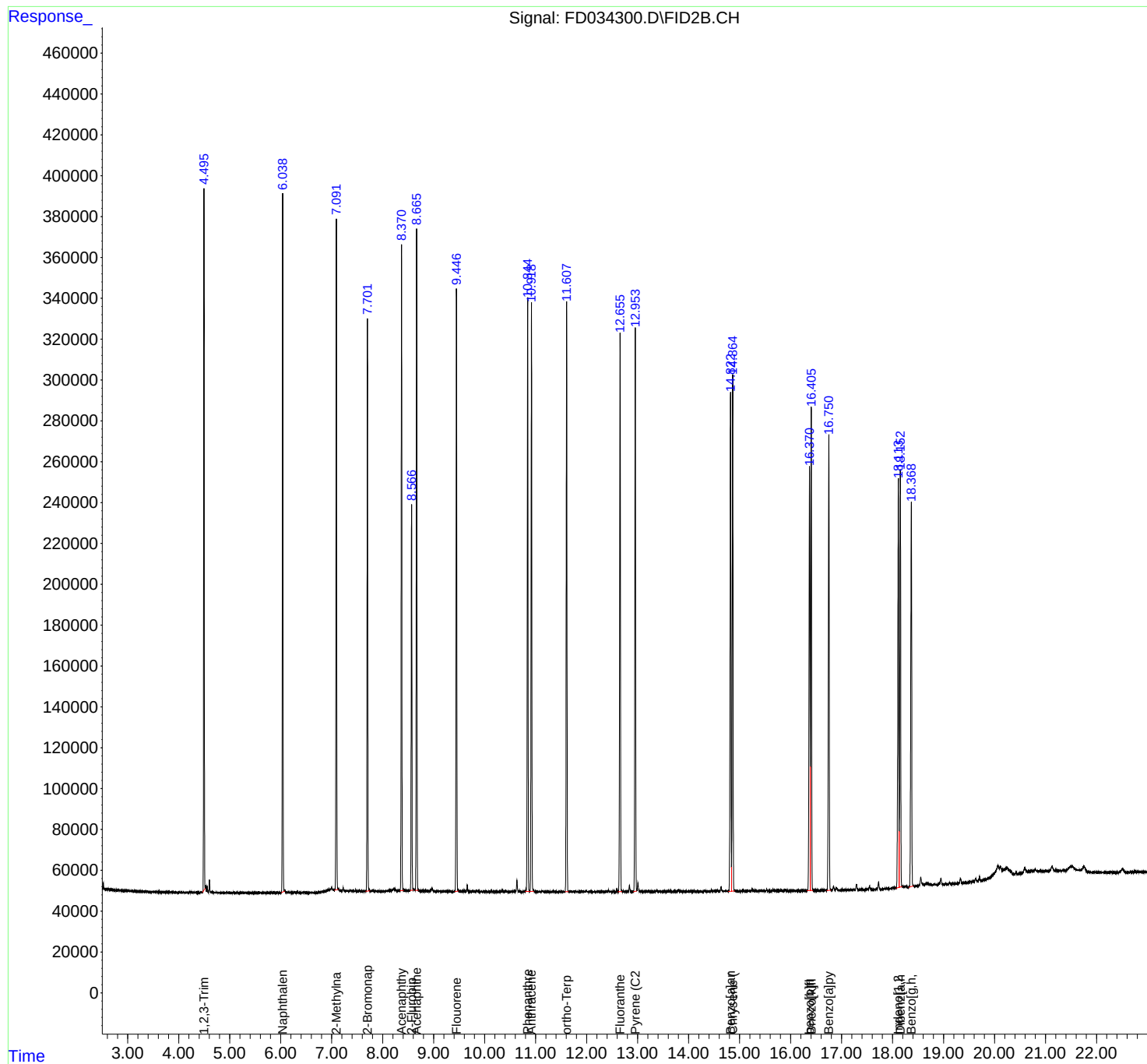
(m)=manual int.

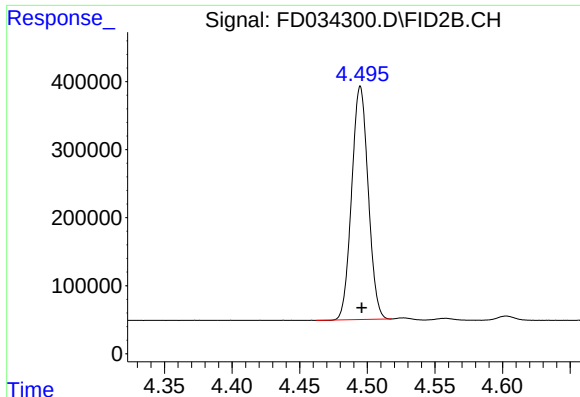
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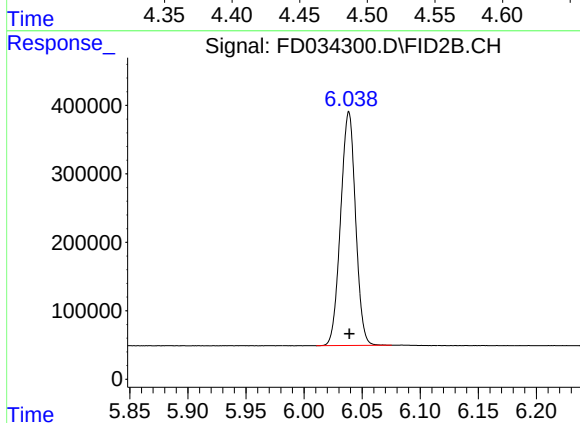




#1 1,2,3-Trimethylbenzene (C10.1)

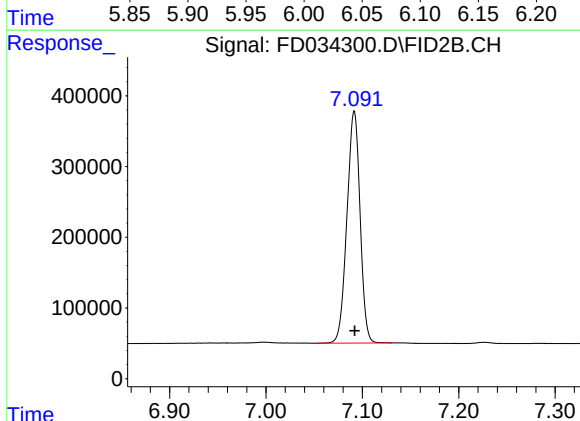
R.T.: 4.495 min
Delta R.T.: -0.001 min
Response: 2911729
Conc: 22.84 ug/ml

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20 PPM AROMATIC HC STD



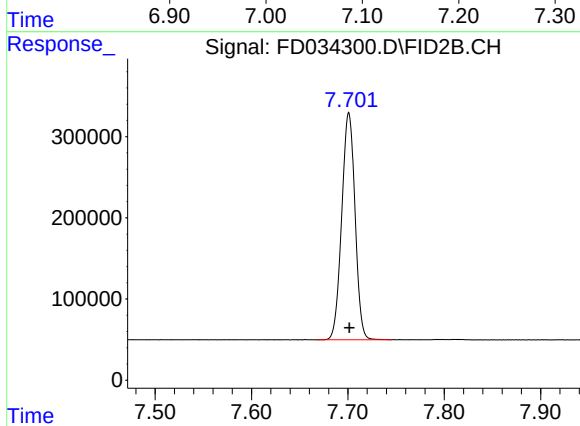
#2 Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 3061327
Conc: 22.88 ug/ml



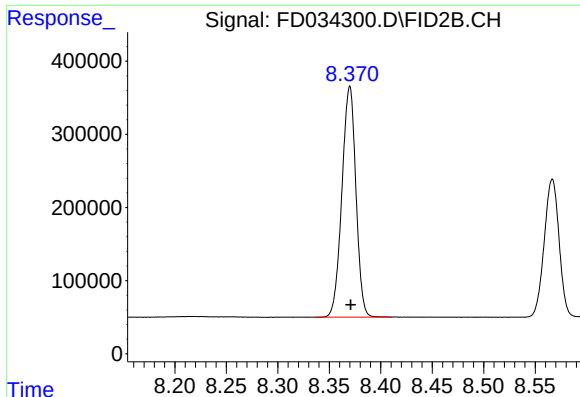
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 3086013
Conc: 22.86 ug/ml



#4 2-Bromonaphthalene (SURR)

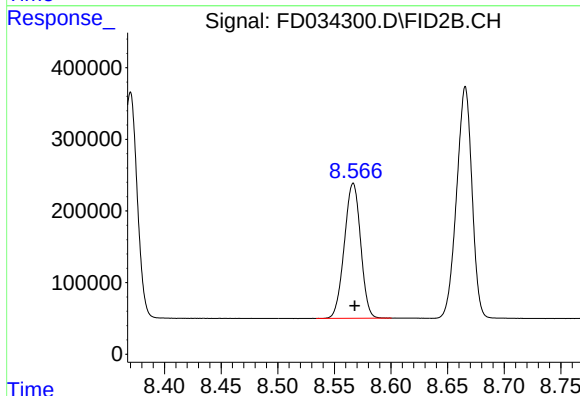
R.T.: 7.701 min
Delta R.T.: 0.000 min
Response: 2675149
Conc: 22.88 ug/ml



#5 Acenaphthylene (C15.06)

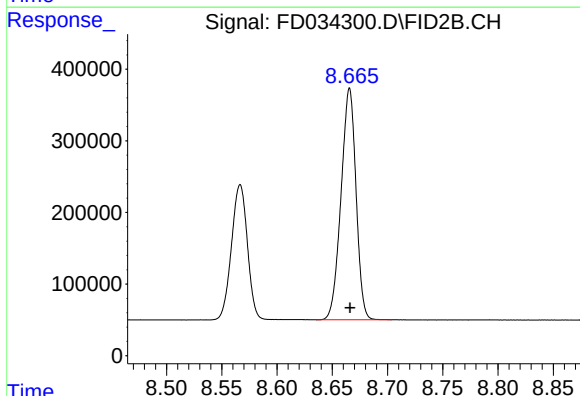
R.T.: 8.370 min
Delta R.T.: 0.000 min
Response: 2990632
Conc: 22.60 ug/ml

Instrument :
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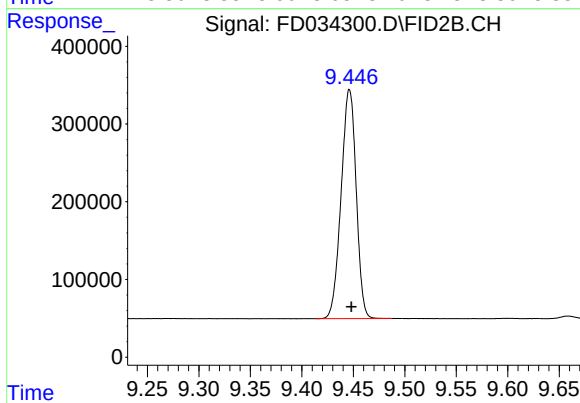
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min
Delta R.T.: -0.001 min
Response: 1888125
Conc: 22.77 ug/ml



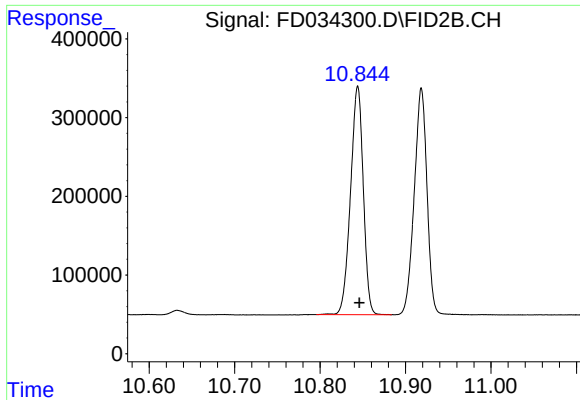
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 3052366
Conc: 22.70 ug/ml



#8 Fluorene (C16.55)

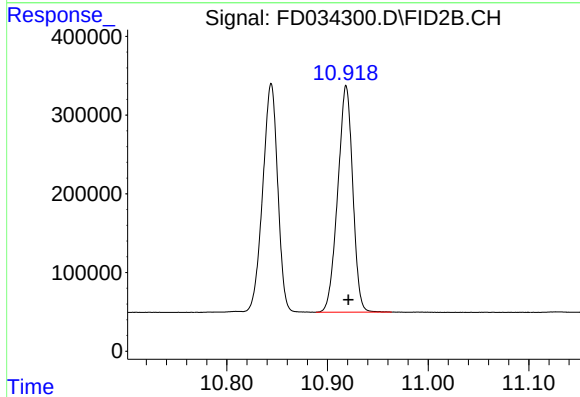
R.T.: 9.446 min
Delta R.T.: -0.002 min
Response: 3004374
Conc: 22.60 ug/ml



#9 Phenanthrene (C19.36)

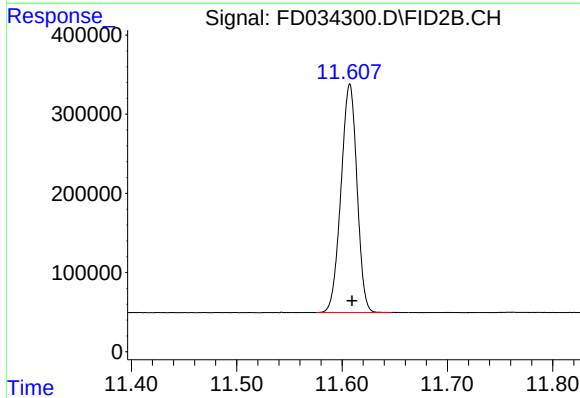
R.T.: 10.844 min
Delta R.T.: -0.002 min
Response: 3012148
Conc: 22.47 ug/ml

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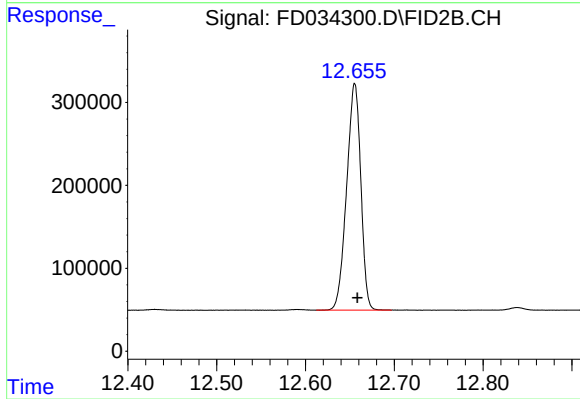
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: -0.002 min
Response: 2978108
Conc: 22.44 ug/ml



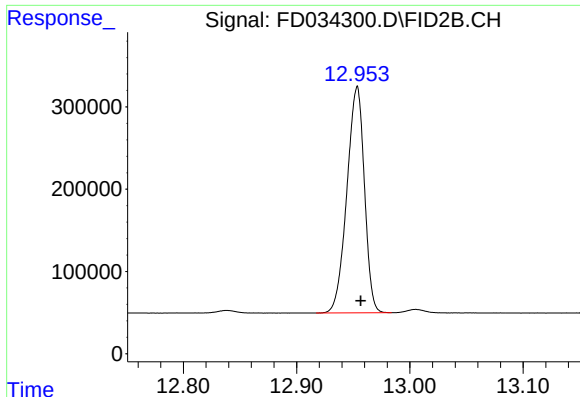
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.002 min
Response: 3048210
Conc: 22.43 ug/ml



#12 Fluoranthene (C21.85)

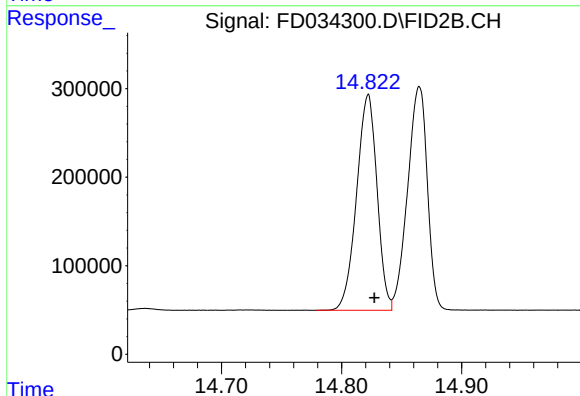
R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 3029928
Conc: 22.29 ug/ml



#13 Pyrene (C20.8)

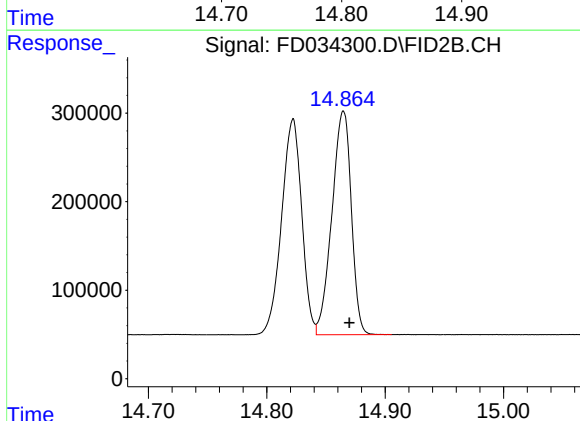
R.T.: 12.953 min
Delta R.T.: -0.003 min
Response: 2956938
Conc: 22.21 ug/ml

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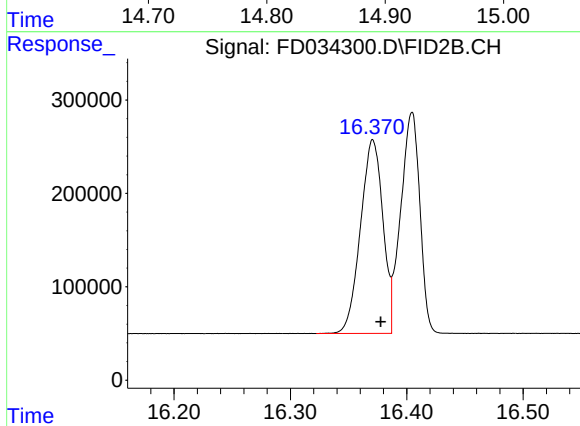
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.005 min
Response: 2881425
Conc: 21.95 ug/ml



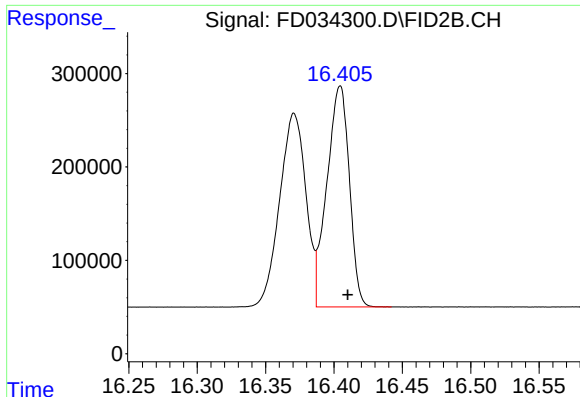
#15 Chrysene (C27.41)

R.T.: 14.865 min
Delta R.T.: -0.005 min
Response: 2875730
Conc: 21.93 ug/ml



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

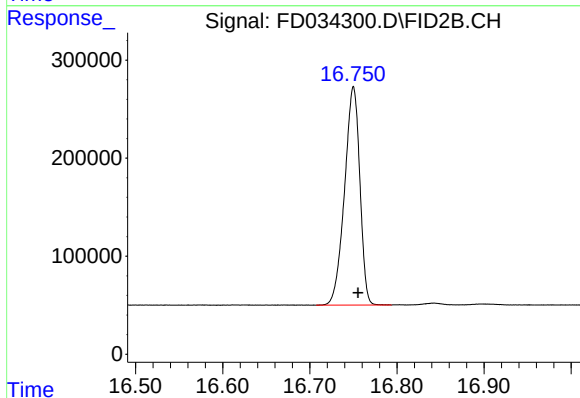
R.T.: 16.371 min
Delta R.T.: -0.007 min
Response: 2778563
Conc: 21.72 ug/ml



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

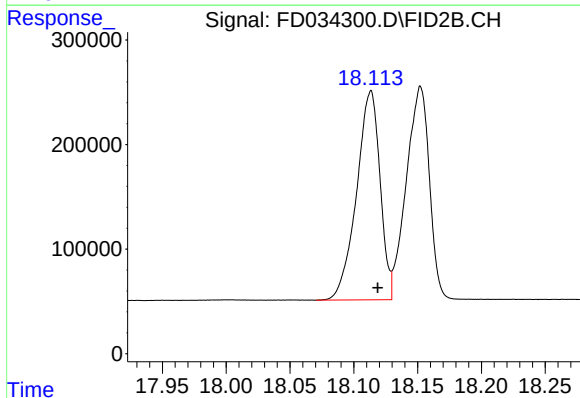
R.T.: 16.404 min
Delta R.T.: -0.006 min
Response: 2707248
Conc: 21.86 ug/ml

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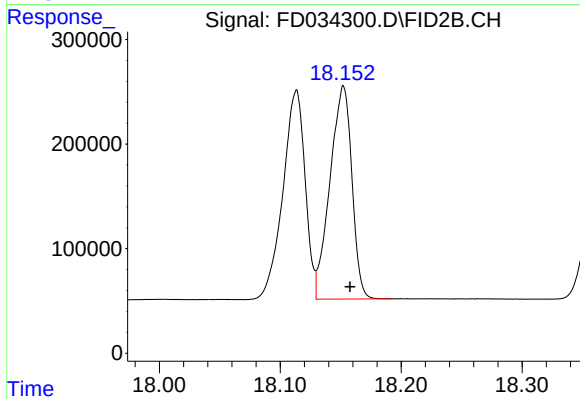
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.005 min
Response: 2717599
Conc: 21.71 ug/ml



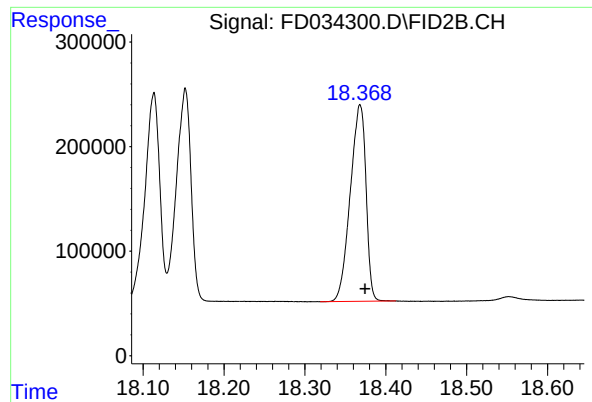
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.005 min
Response: 2558424
Conc: 21.26 ug/ml



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

R.T.: 18.152 min
Delta R.T.: -0.005 min
Response: 2565319
Conc: 21.73 ug/ml



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

R.T.: 18.368 min
Delta R.T.: -0.006 min
Response: 2537596
Conc: 21.42 ug/ml

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