

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037376.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 12:01
 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: May 07 05:38:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.568	2127461	17.993 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
6) S 2-Fluorobiphenyl (SURR)	8.430	1342472	17.398 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.80%
11) S ortho-Terphenyl (SURR)	11.470	2143728	17.356 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	2486474	18.699 ug/ml
2) T Naphthalene (C11.7)	5.905	2494693	18.148 ug/ml
3) T 2-Methylnaphthalene (...)	6.957	2403494	17.923 ug/ml
5) T Acenaphthylene (C15.06)	8.233	2193961	17.540 ug/ml
7) T Acenaphthene (C15.5)	8.528	2252868	17.434 ug/ml
8) T Flouorene (C16.55)	9.308	2117199	17.285 ug/ml
9) T Phenanthrene (C19.36)	10.704	2017935	17.119 ug/ml
10) T Anthracene (C19.43)	10.778	1754487	15.232 ug/ml
12) T Fluoranthene (C21.85)	12.515	2019210	17.313 ug/ml
13) T Pyrene (C20.8)	12.812	2023798	17.579 ug/ml
14) T Benzo[a]anthracene (C...	14.683	1936751	17.597 ug/ml
15) T Chrysene (C27.41)	14.725	2028461	17.919 ug/ml
16) T benzo[b]fluoranthene ...	16.234	2067932	18.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.265	1986657	18.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.611	1891272	18.273 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.976	1968242	18.503 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	1941865	18.585 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2013942	18.855 ug/ml

(f)=RT Delta > 1/2 Window

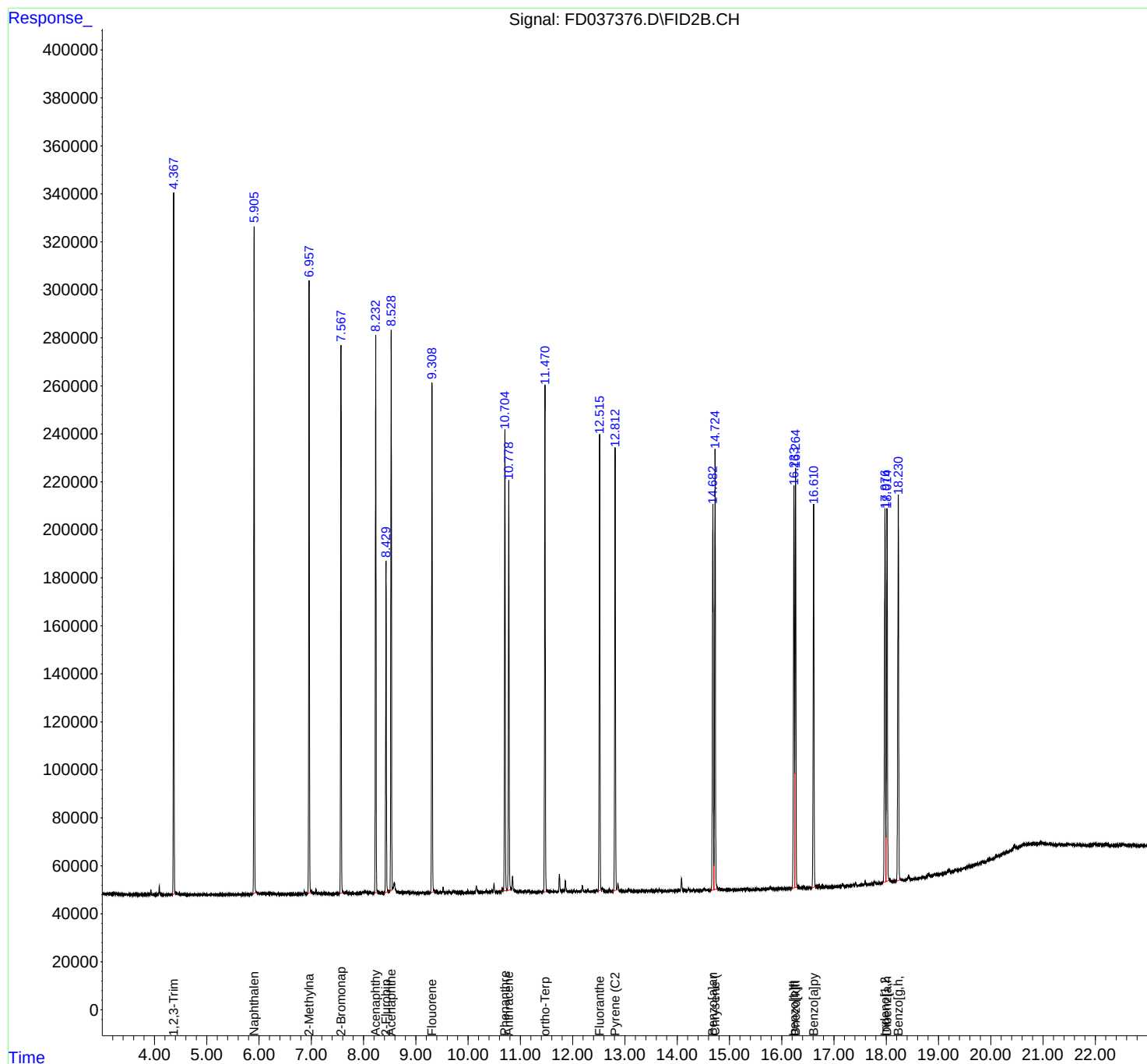
(m)=manual int.

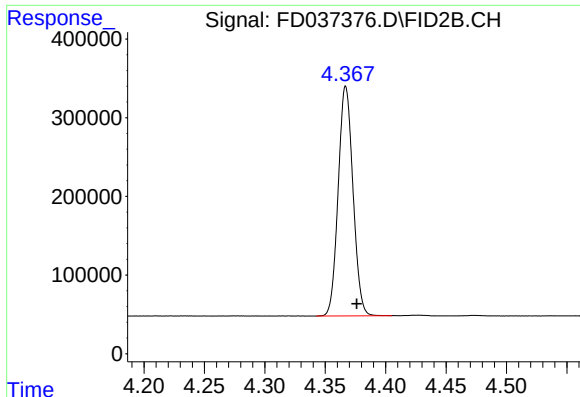
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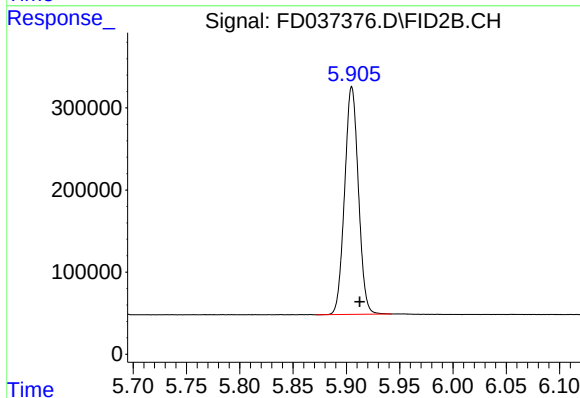




#1 1,2,3-Trimethylbenzene (C10.1)

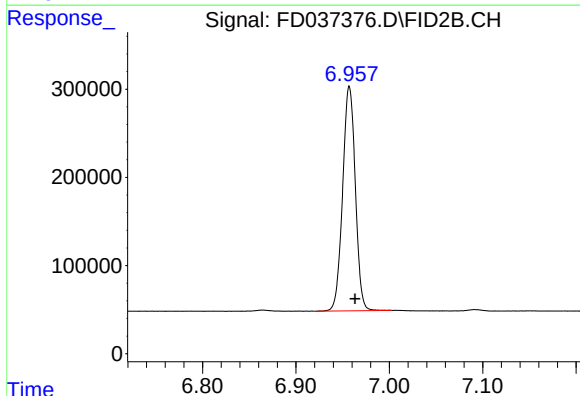
R.T.: 4.367 min
Delta R.T.: -0.009 min
Response: 2486474
Conc: 18.70 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



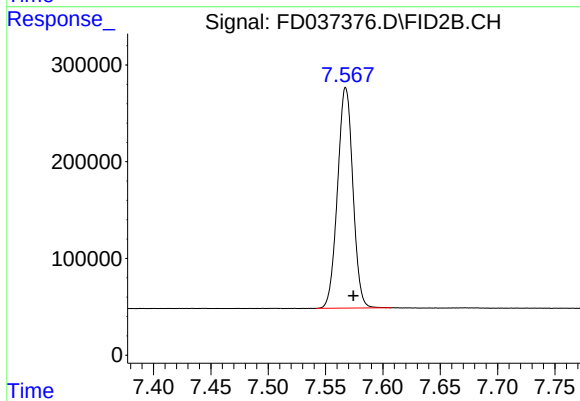
#2 Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.007 min
Response: 2494693
Conc: 18.15 ug/ml



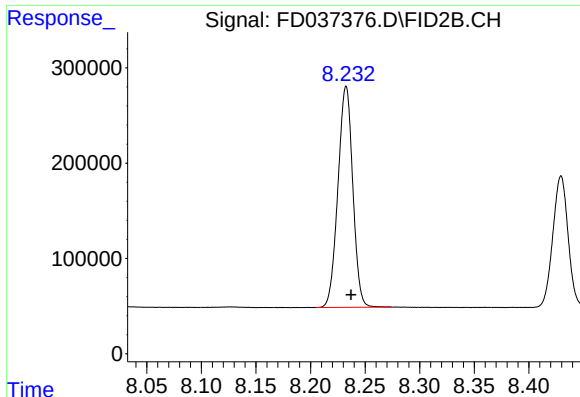
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: -0.006 min
Response: 2403494
Conc: 17.92 ug/ml



#4 2-Bromonaphthalene (SURR)

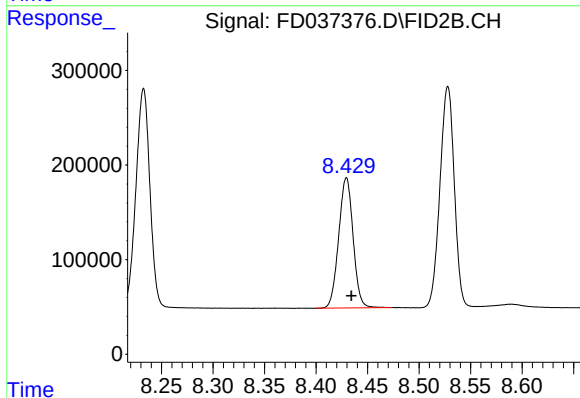
R.T.: 7.568 min
Delta R.T.: -0.007 min
Response: 2127461
Conc: 17.99 ug/ml



#5 Acenaphthylene (C15.06)

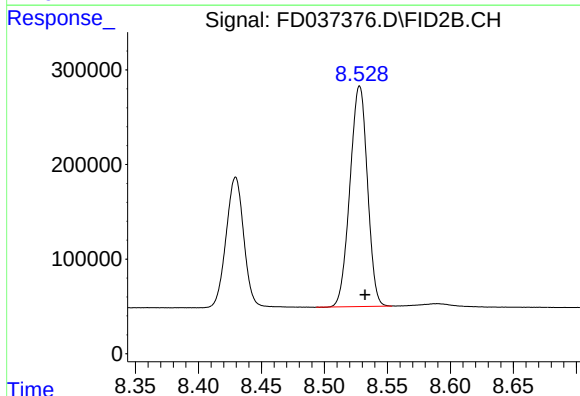
R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 2193961
Conc: 17.54 ug/ml

Instrument :
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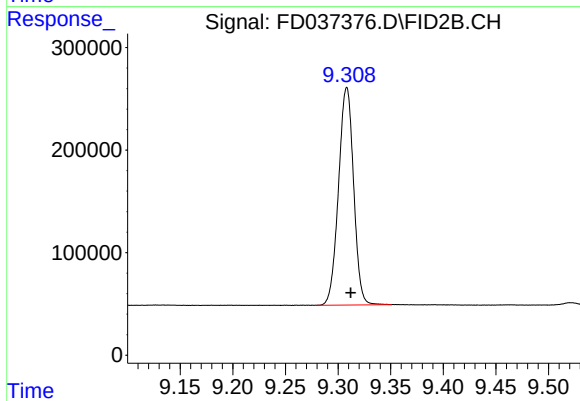
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: -0.005 min
Response: 1342472
Conc: 17.40 ug/ml



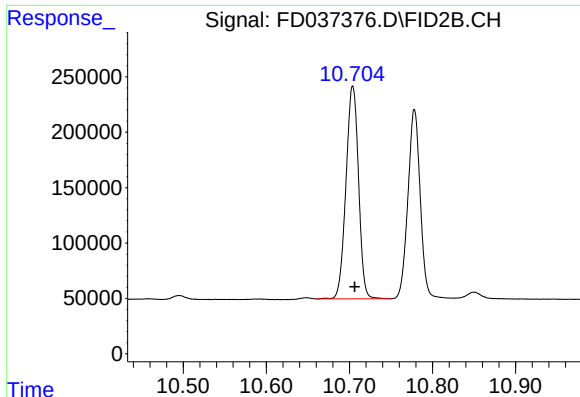
#7 Acenaphthene (C15.5)

R.T.: 8.528 min
Delta R.T.: -0.004 min
Response: 2252868
Conc: 17.43 ug/ml



#8 Flouorene (C16.55)

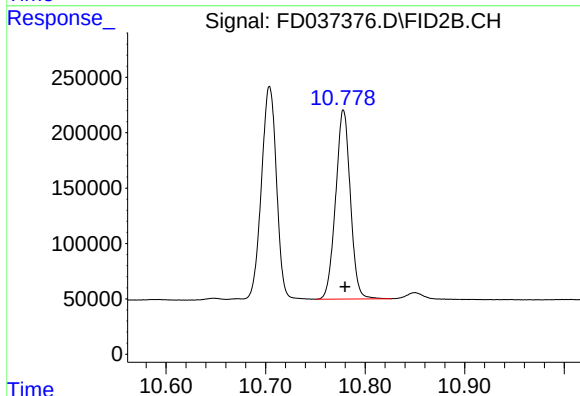
R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 2117199
Conc: 17.28 ug/ml



#9 Phenanthrene (C19.36)

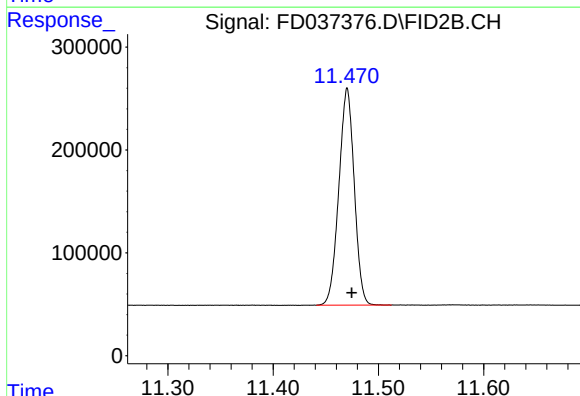
R.T.: 10.704 min
Delta R.T.: -0.003 min
Response: 2017935
Conc: 17.12 ug/ml

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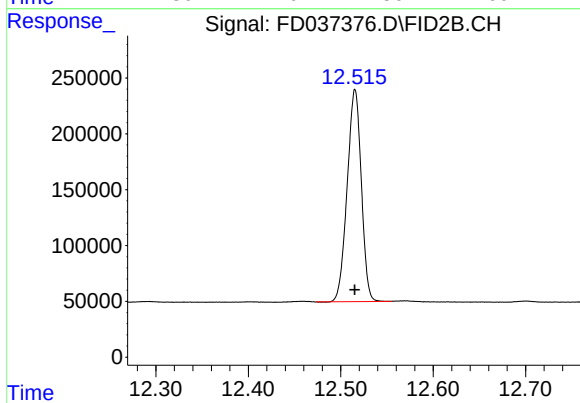
#10 Anthracene (C19.43)

R.T.: 10.778 min
Delta R.T.: -0.002 min
Response: 1754487
Conc: 15.23 ug/ml



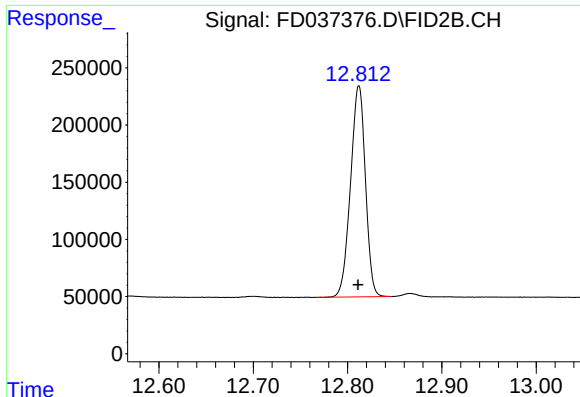
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.004 min
Response: 2143728
Conc: 17.36 ug/ml



#12 Fluoranthene (C21.85)

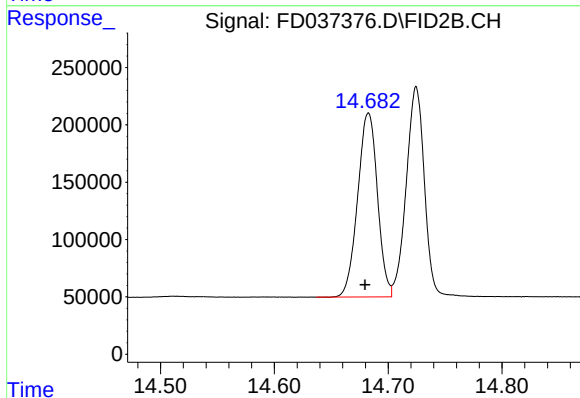
R.T.: 12.515 min
Delta R.T.: 0.000 min
Response: 2019210
Conc: 17.31 ug/ml



#13 Pyrene (C20.8)

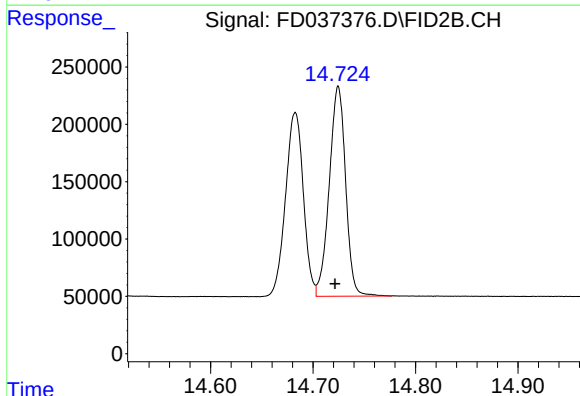
R.T.: 12.812 min
Delta R.T.: 0.000 min
Response: 2023798
Conc: 17.58 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



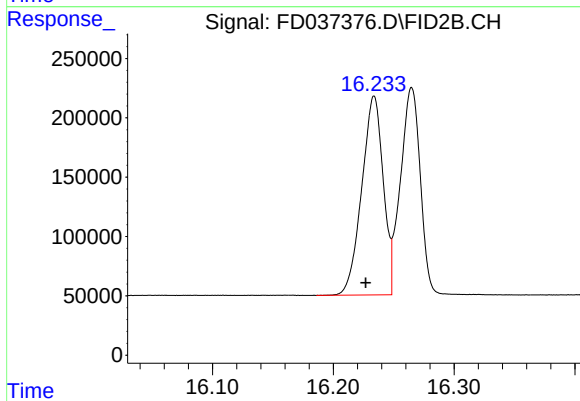
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.683 min
Delta R.T.: 0.003 min
Response: 1936751
Conc: 17.60 ug/ml



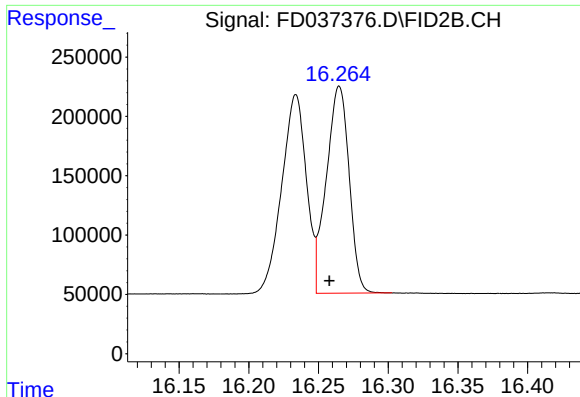
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: 0.003 min
Response: 2028461
Conc: 17.92 ug/ml



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

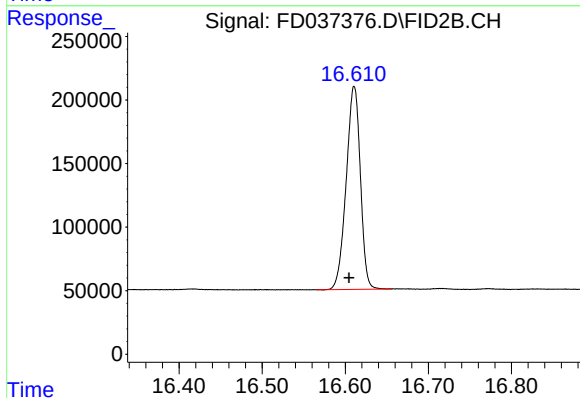
R.T.: 16.234 min
Delta R.T.: 0.007 min
Response: 2067932
Conc: 18.44 ug/ml



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

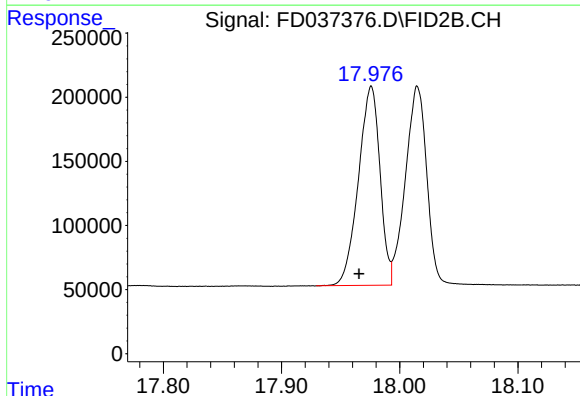
R.T.: 16.265 min
Delta R.T.: 0.007 min
Response: 1986657
Conc: 18.45 ug/ml

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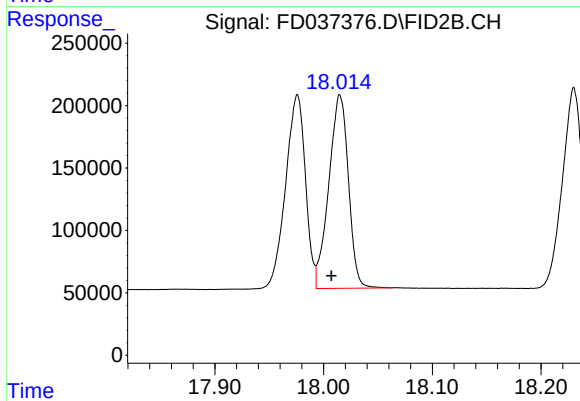
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.611 min
Delta R.T.: 0.006 min
Response: 1891272
Conc: 18.27 ug/ml



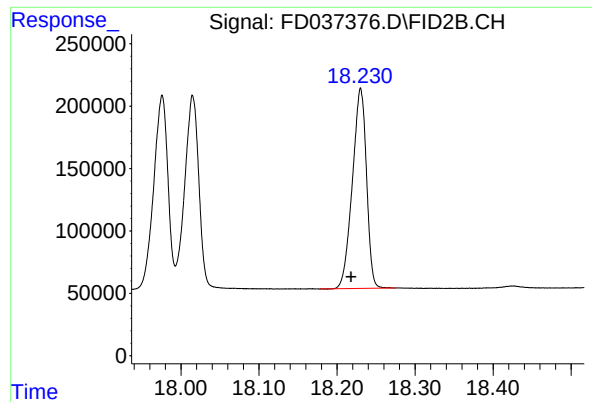
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.976 min
Delta R.T.: 0.010 min
Response: 1968242
Conc: 18.50 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.008 min
Response: 1941865
Conc: 18.59 ug/ml



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

R.T.: 18.230 min
Delta R.T.: 0.012 min
Response: 2013942
Conc: 18.85 ug/ml

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