

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037067.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 6:25
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 22 07:06:16 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...	7.575	2236252	18.913 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
6) S 2-Fluorobiphenyl (SURR)	8.435	1474026	19.103 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.21%
11) S ortho-Terphenyl (SURR)	11.476	2342195	18.963 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	2491549	18.737 ug/ml
2) T Naphthalene (C11.7)	5.912	2589221	18.835 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	2531706	18.879 ug/ml
5) T Acenaphthylene (C15.06)	8.238	2390630	19.112 ug/ml
7) T Acenaphthene (C15.5)	8.534	2449079	18.952 ug/ml
8) T Fluorene (C16.55)	9.314	2335481	19.067 ug/ml
9) T Phenanthrene (C19.36)	10.708	2264330	19.209 ug/ml
10) T Anthracene (C19.43)	10.782	2208148	19.170 ug/ml
12) T Fluoranthene (C21.85)	12.517	2236459	19.176 ug/ml
13) T Pyrene (C20.8)	12.814	2206840	19.169 ug/ml
14) T Benzo[a]anthracene (C...	14.683	2126052	19.317 ug/ml
15) T Chrysene (C27.41)	14.726	2177728	19.237 ug/ml
16) T benzo[b]fluoranthene ...	16.232	2136099	19.044 ug/ml
17) T Bnezo[k]fluoranthene ...	16.263	2083936	19.348 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	1985071	19.180 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	1992002	18.726 ug/ml
20) T Dibenz[a,h]anthracene...	18.012	1972665	18.880 ug/ml
21) T Benzo[g,h,i]perylene ...	18.226	2036388	19.065 ug/ml

(f)=RT Delta > 1/2 Window

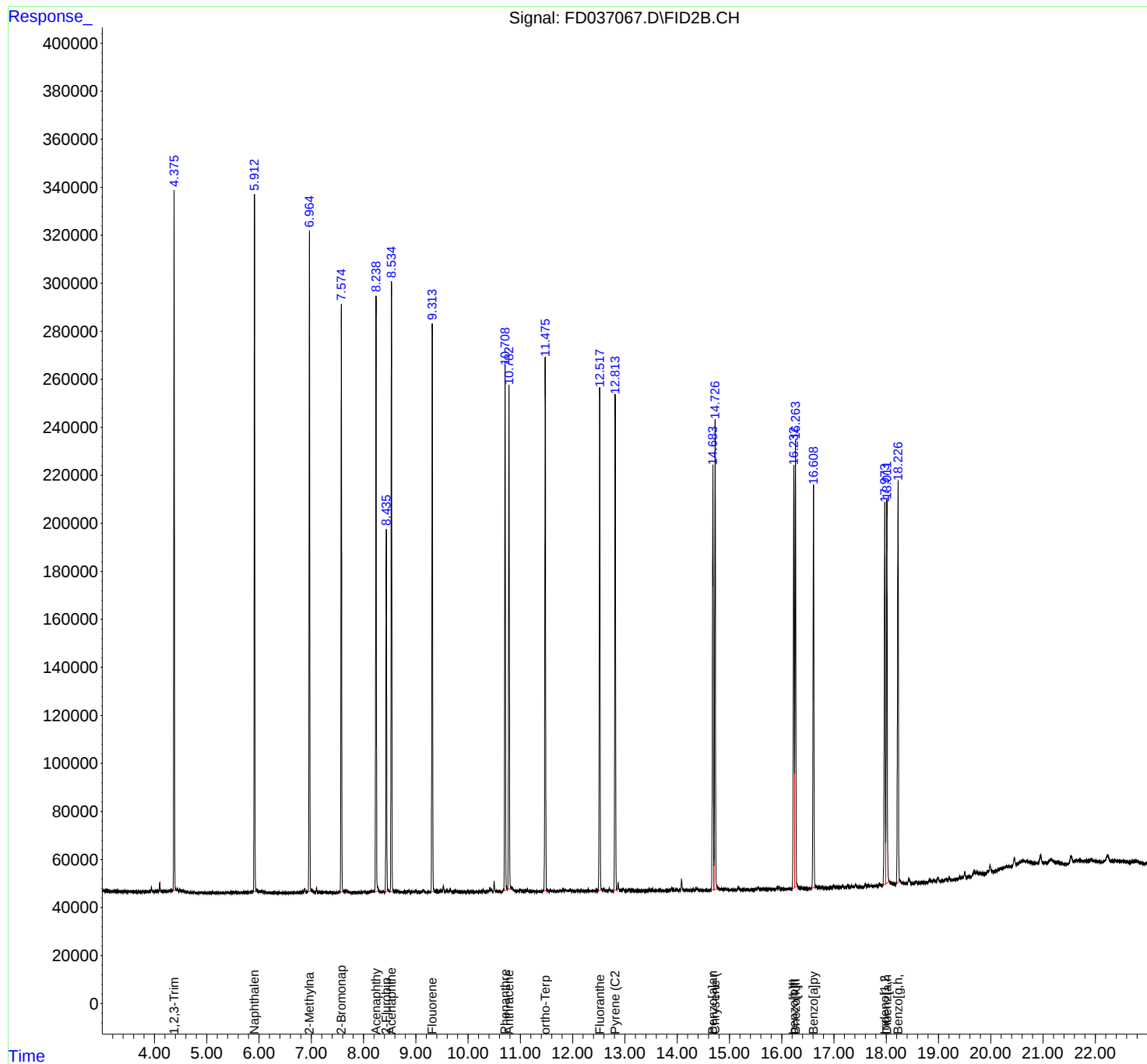
(m)=manual int.

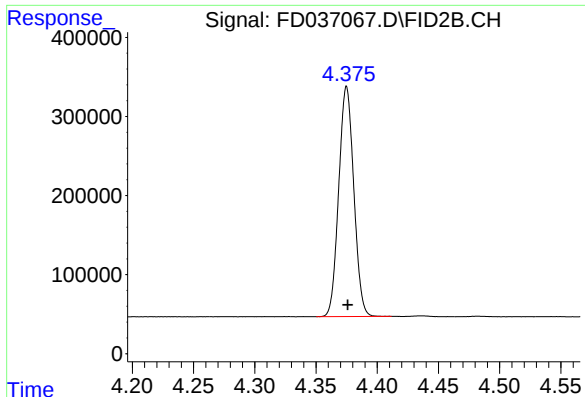
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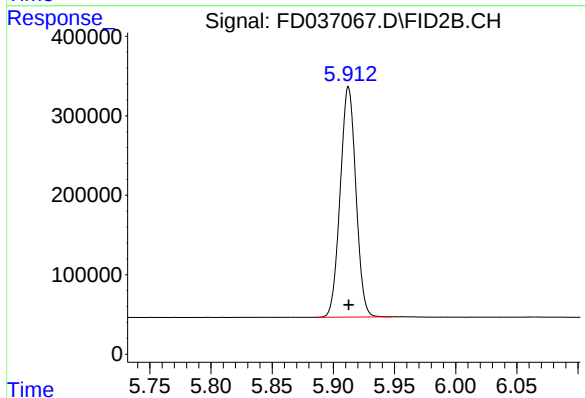




#1 1,2,3-Trimethylbenzene (C10.1)

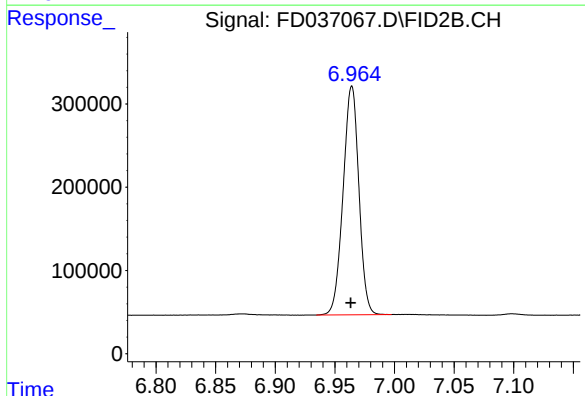
R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 2491549
Conc: 18.74 ug/ml

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20 PPM AROMATIC HC STD



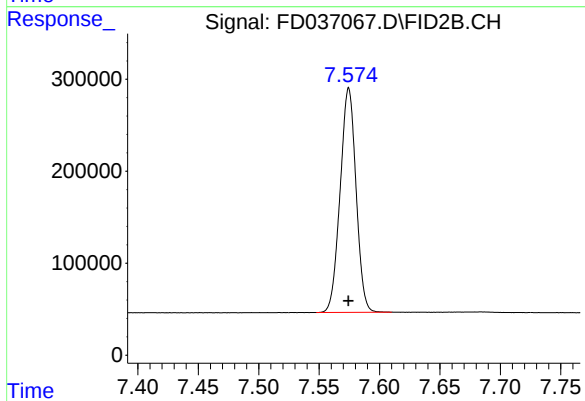
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 2589221
Conc: 18.84 ug/ml



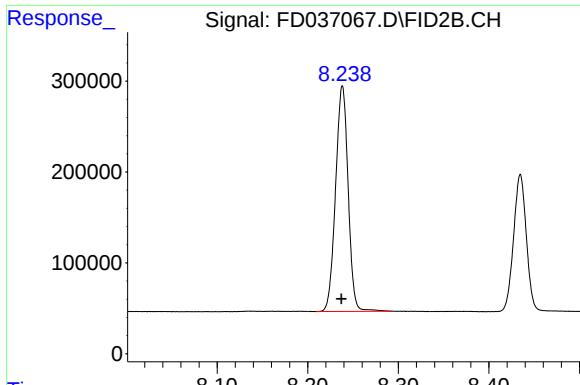
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 2531706
Conc: 18.88 ug/ml



#4 2-Bromonaphthalene (SURR)

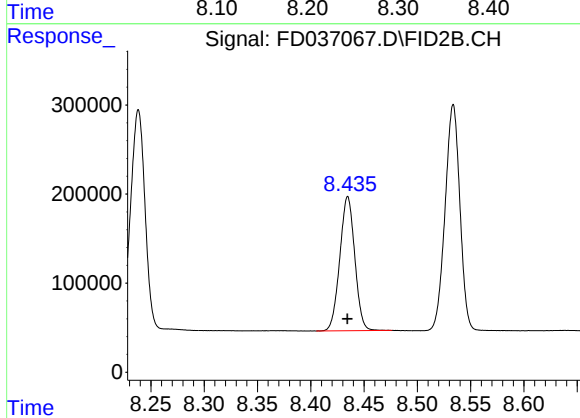
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 2236252
Conc: 18.91 ug/ml



#5 Acenaphthylene (C15.06)

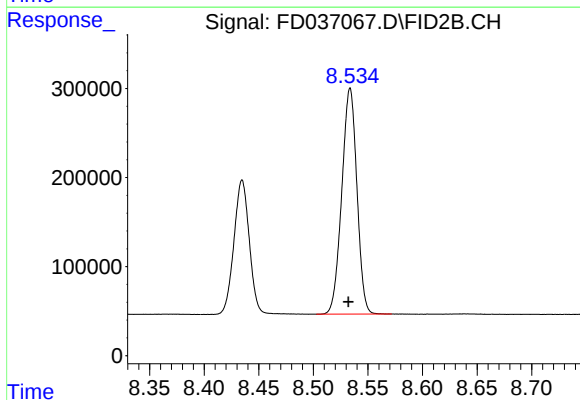
R.T.: 8.238 min
Delta R.T.: 0.001 min
Response: 2390630
Conc: 19.11 ug/ml

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20 PPM AROMATIC HC STD



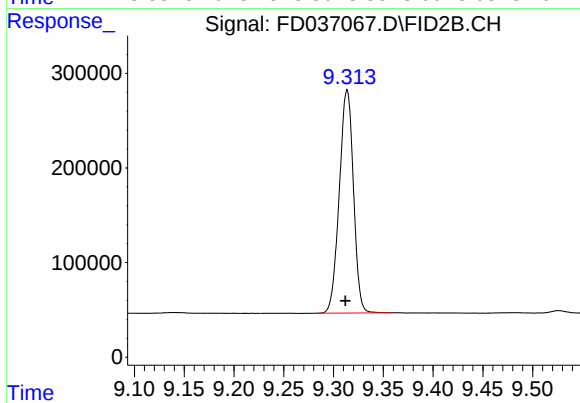
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.435 min
Delta R.T.: 0.000 min
Response: 1474026
Conc: 19.10 ug/ml



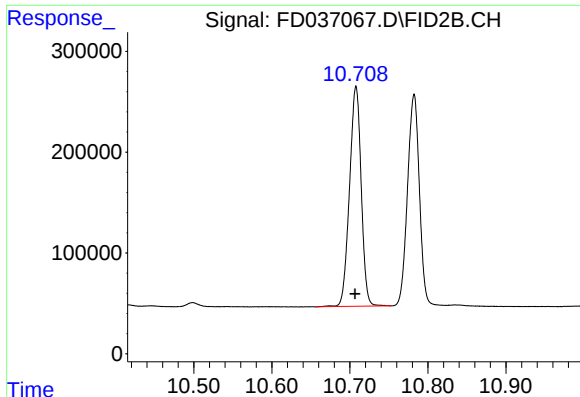
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: 0.002 min
Response: 2449079
Conc: 18.95 ug/ml



#8 Fluorene (C16.55)

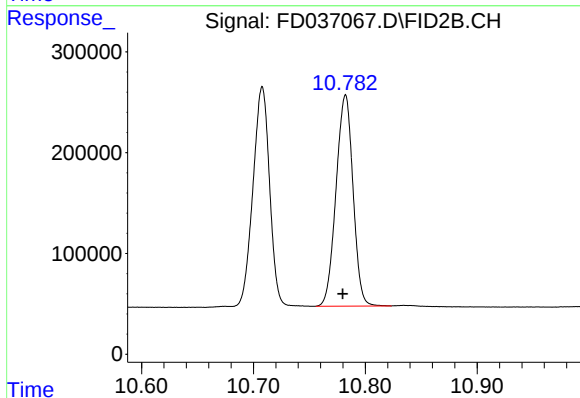
R.T.: 9.314 min
Delta R.T.: 0.002 min
Response: 2335481
Conc: 19.07 ug/ml



#9 Phenanthrene (C19.36)

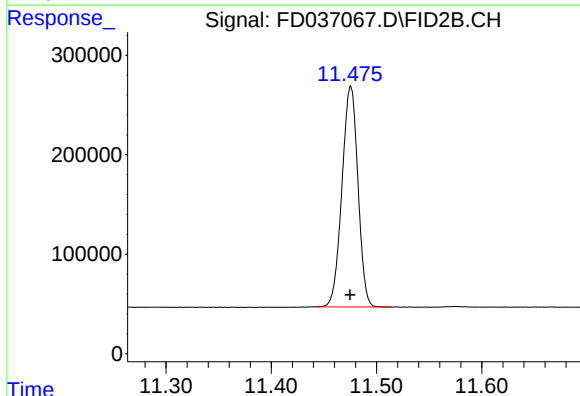
R.T.: 10.708 min
Delta R.T.: 0.001 min
Response: 2264330
Conc: 19.21 ug/ml

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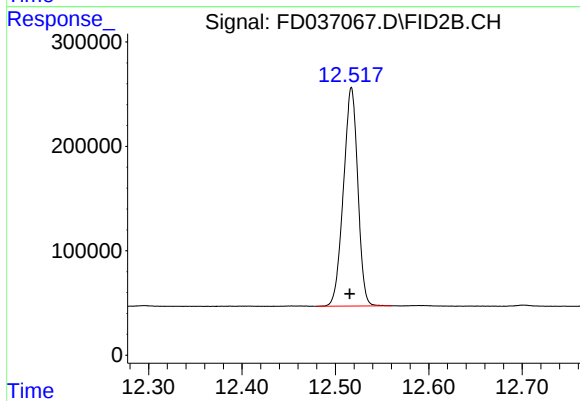
#10 Anthracene (C19.43)

R.T.: 10.782 min
Delta R.T.: 0.003 min
Response: 2208148
Conc: 19.17 ug/ml



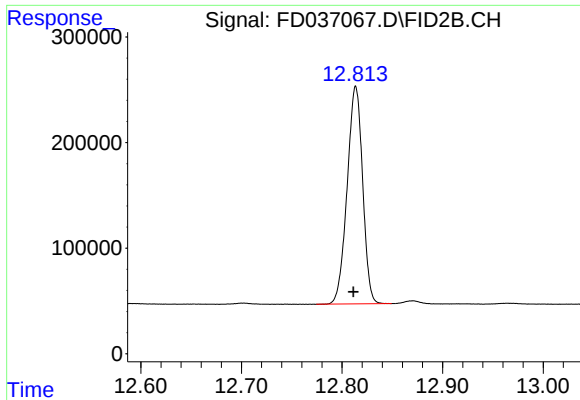
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: 0.000 min
Response: 2342195
Conc: 18.96 ug/ml



#12 Fluoranthene (C21.85)

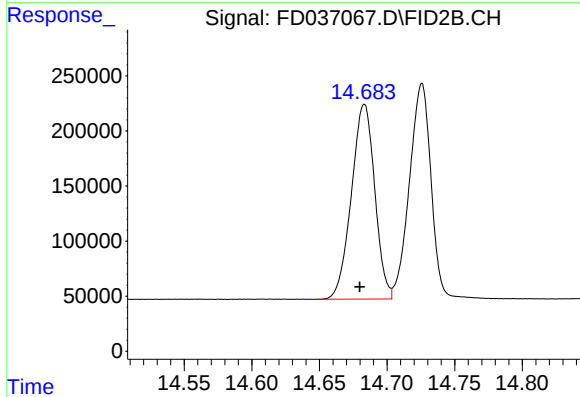
R.T.: 12.517 min
Delta R.T.: 0.002 min
Response: 2236459
Conc: 19.18 ug/ml



#13 Pyrene (C20.8)

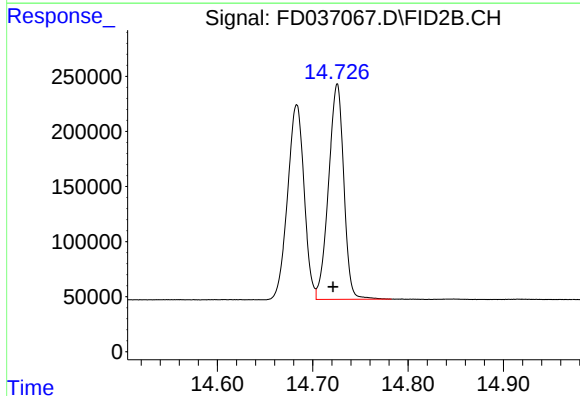
R.T.: 12.814 min
Delta R.T.: 0.003 min
Response: 2206840
Conc: 19.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



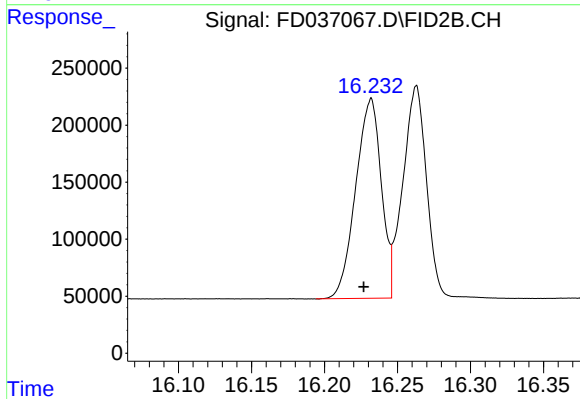
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.683 min
Delta R.T.: 0.003 min
Response: 2126052
Conc: 19.32 ug/ml



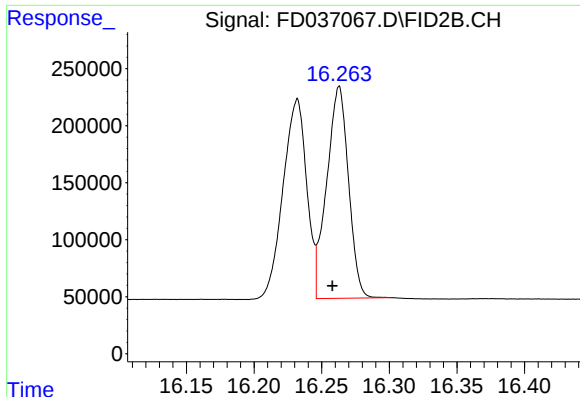
#15 Chrysene (C27.41)

R.T.: 14.726 min
Delta R.T.: 0.004 min
Response: 2177728
Conc: 19.24 ug/ml



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

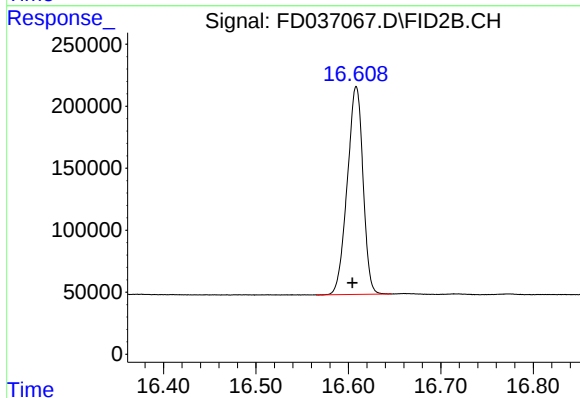
R.T.: 16.232 min
Delta R.T.: 0.005 min
Response: 2136099
Conc: 19.04 ug/ml



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

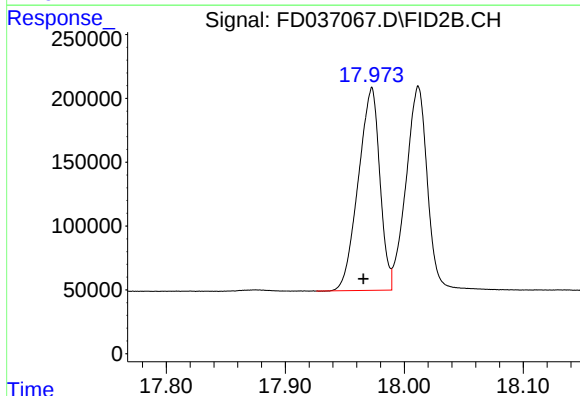
R.T.: 16.263 min
Delta R.T.: 0.005 min
Response: 2083936
Conc: 19.35 ug/ml

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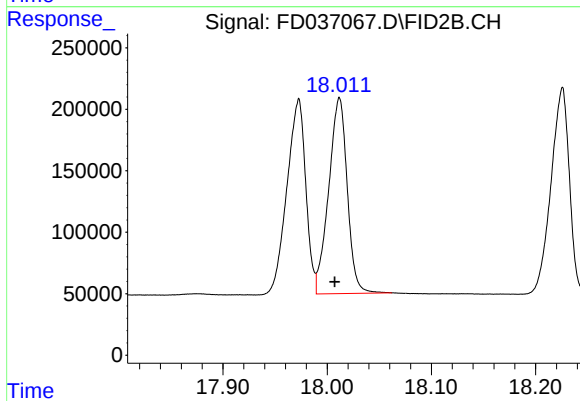
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: 0.004 min
Response: 1985071
Conc: 19.18 ug/ml



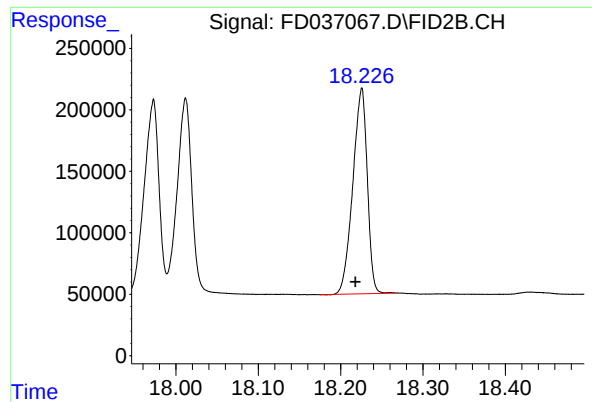
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 1992002
Conc: 18.73 ug/ml



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

R.T.: 18.012 min
Delta R.T.: 0.004 min
Response: 1972665
Conc: 18.88 ug/ml



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

R.T.: 18.226 min
Delta R.T.: 0.008 min
Response: 2036388
Conc: 19.07 ug/ml

Instrument :
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