

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101121AR\
 Data File : FD039074.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2021 18:09
 Operator : AJ\MA
 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: Oct 12 02:54:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 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...	7.763	2439552	18.691 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
6) S 2-Fluorobiphenyl (SURR)	8.633	1625411	18.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.52%
11) S ortho-Terphenyl (SURR)	11.676	2454953	17.867 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	2720888	19.441 ug/ml
2) T Naphthalene (C11.7)	6.099	2795361	18.945 ug/ml
3) T 2-Methylnaphthalene (...)	7.154	2786286	18.702 ug/ml
5) T Acenaphthylene (C15.06)	8.435	2504435	18.277 ug/ml
7) T Acenaphthene (C15.5)	8.731	2651469	18.375 ug/ml
8) T Fluorene (C16.55)	9.514	2579953	18.172 ug/ml
9) T Phenanthrene (C19.36)	10.915	2450402	17.666 ug/ml
10) T Anthracene (C19.43)	10.989	2306095	16.867 ug/ml
12) T Fluoranthene (C21.85)	12.731	2355808	17.135 ug/ml
13) T Pyrene (C20.8)	13.030	2275623	16.980 ug/ml
14) T Benzo[a]anthracene (C...	14.901	2097521	17.243 ug/ml
15) T Chrysene (C27.41)	14.944	2198475	17.302 ug/ml
16) T benzo[b]fluoranthene ...	16.454	2182219	18.438 ug/ml
17) T Bnezo[k]fluoranthene ...	16.486	2188389	18.606 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.832	2172812	18.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.198	2195632	20.183 ug/ml
20) T Dibenz[a,h]anthracene...	18.237	2181832	20.531 ug/ml
21) T Benzo[g,h,i]perylene ...	18.455	2215864	20.464 ug/ml

(f)=RT Delta > 1/2 Window

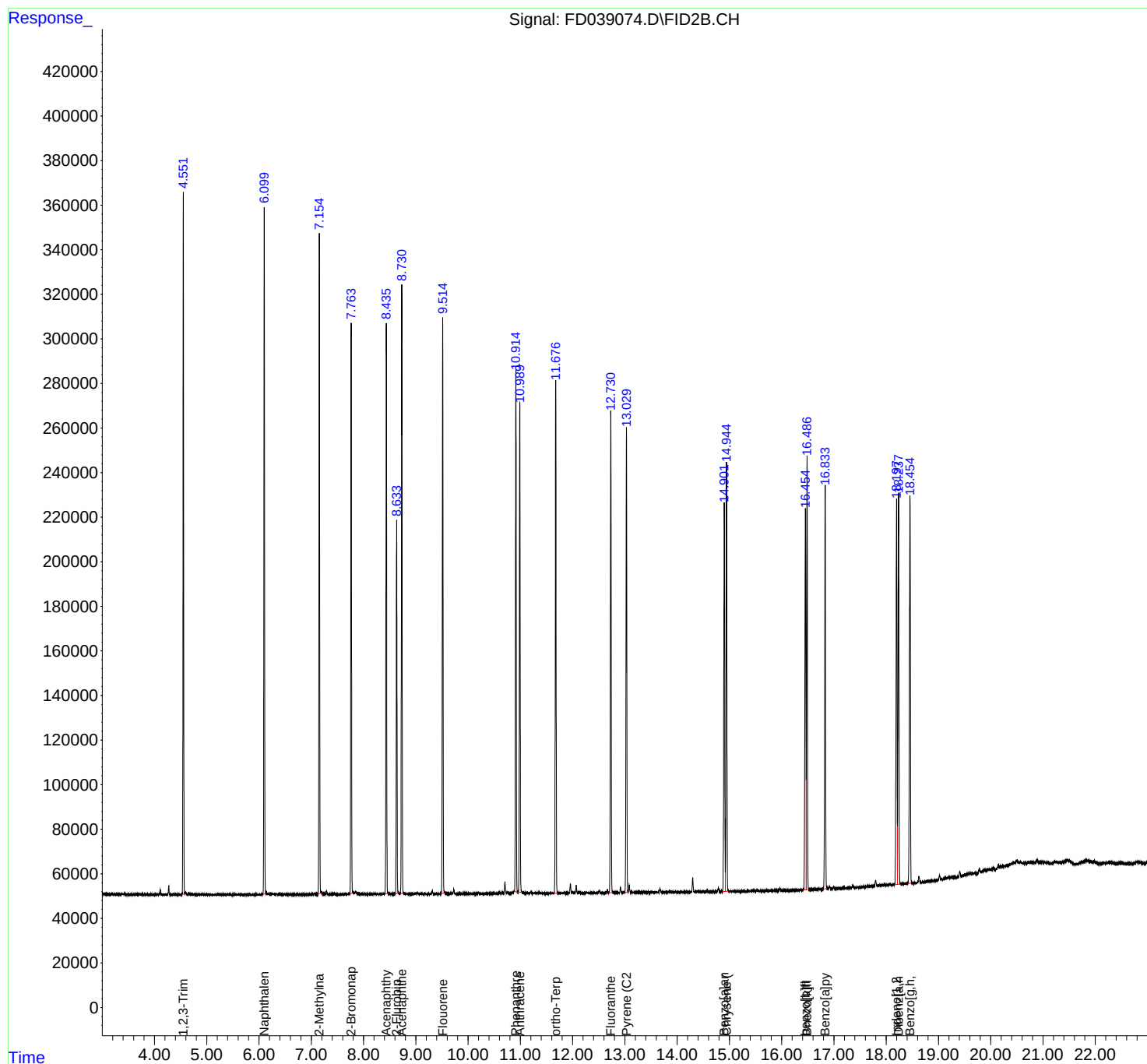
(m)=manual int.

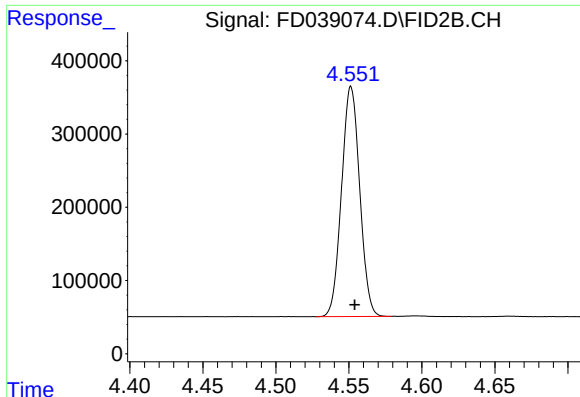
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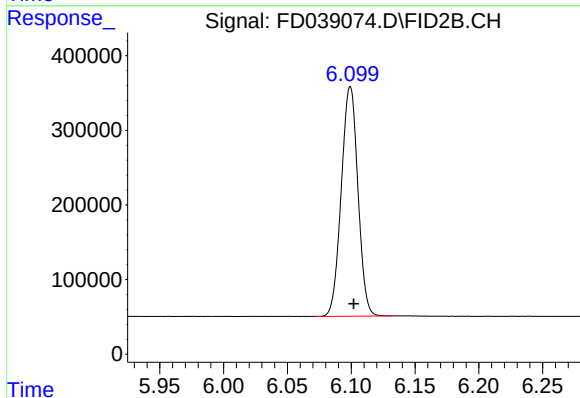




#1 1,2,3-Trimethylbenzene (C10.1)

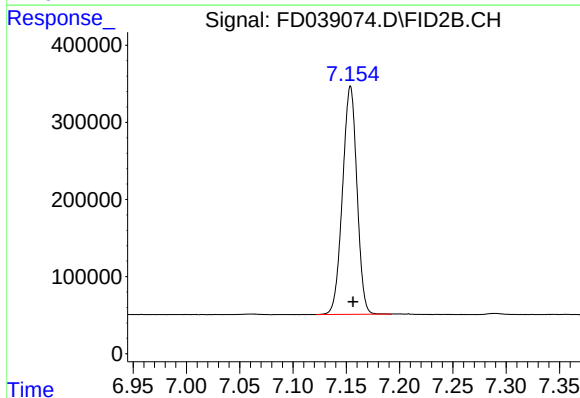
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 2720888
Conc: 19.44 ug/ml

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20 PPM AROMATIC HC STD



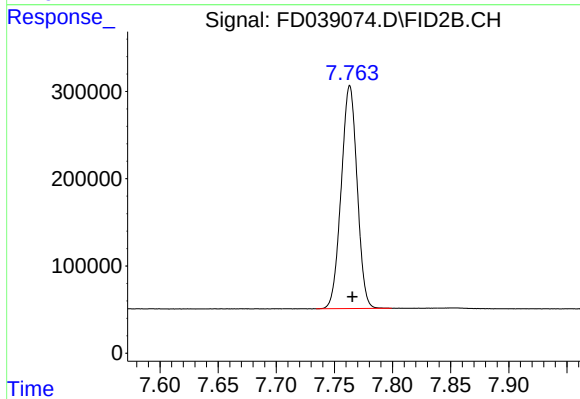
#2 Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 2795361
Conc: 18.94 ug/ml



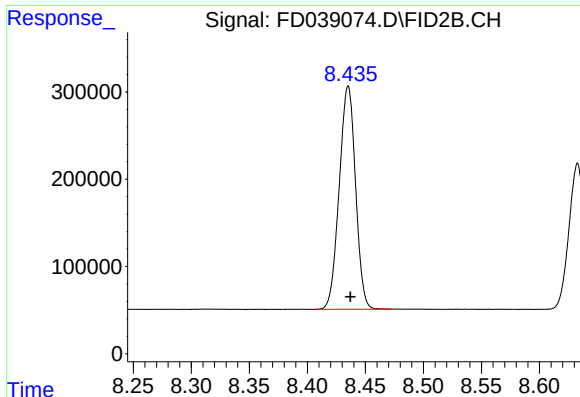
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 2786286
Conc: 18.70 ug/ml



#4 2-Bromonaphthalene (SURR)

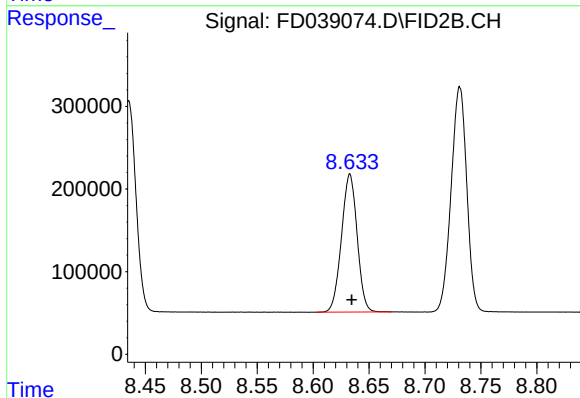
R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 2439552
Conc: 18.69 ug/ml



#5 Acenaphthylene (C15.06)

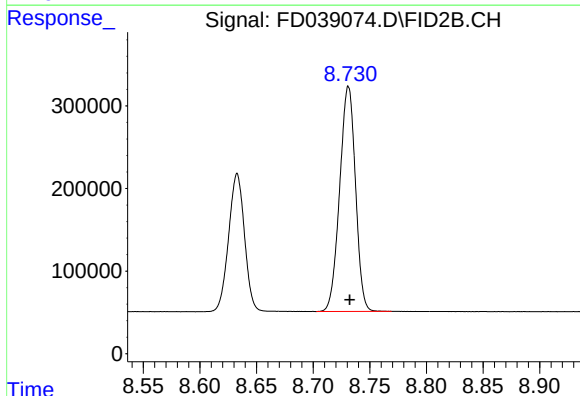
R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 2504435
Conc: 18.28 ug/ml

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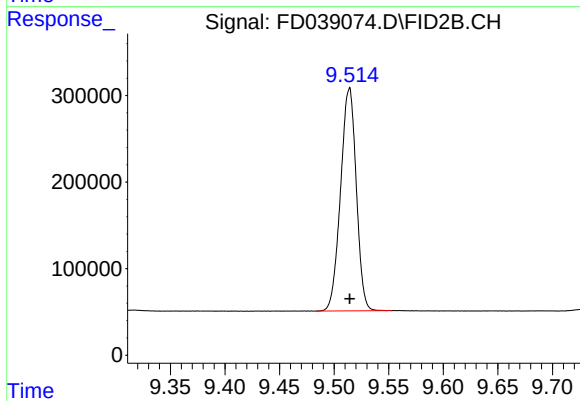
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: -0.002 min
Response: 1625411
Conc: 18.26 ug/ml



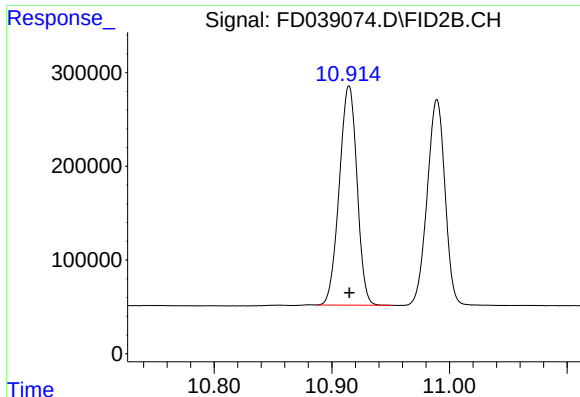
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: -0.001 min
Response: 2651469
Conc: 18.38 ug/ml



#8 Flouorene (C16.55)

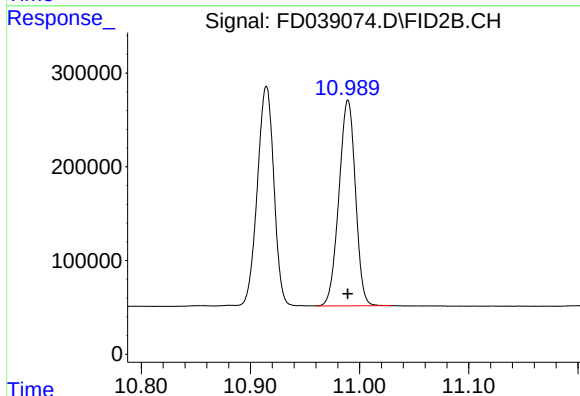
R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 2579953
Conc: 18.17 ug/ml



#9 Phenanthrene (C19.36)

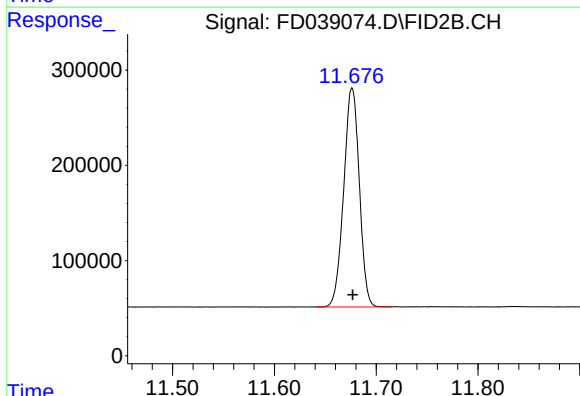
R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 2450402
Conc: 17.67 ug/ml

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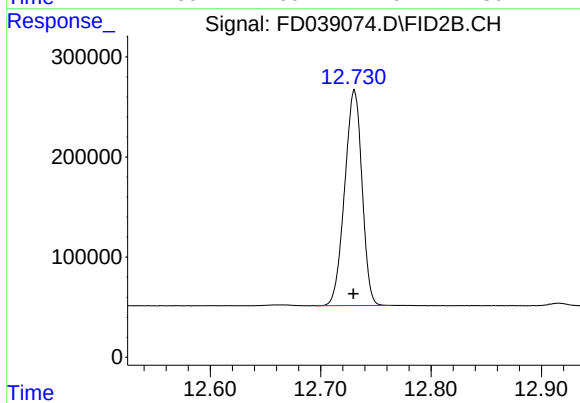
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.000 min
Response: 2306095
Conc: 16.87 ug/ml



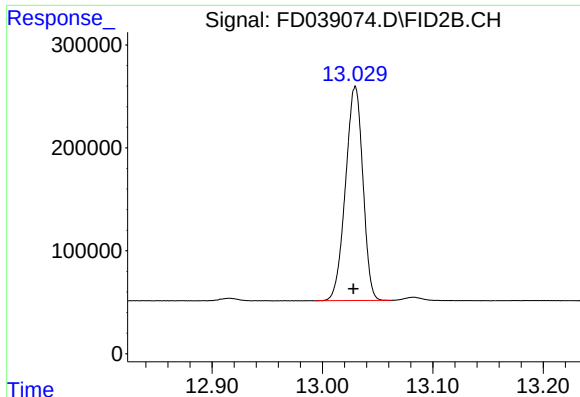
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.000 min
Response: 2454953
Conc: 17.87 ug/ml



#12 Fluoranthene (C21.85)

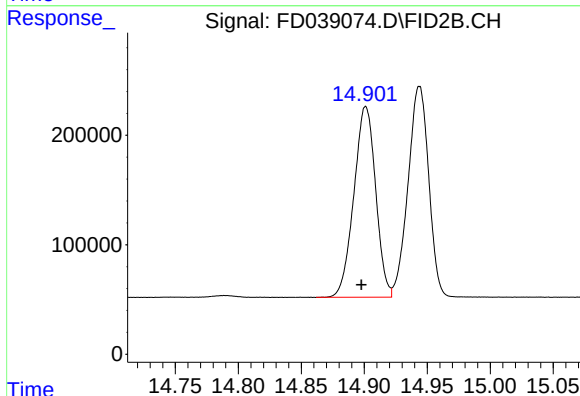
R.T.: 12.731 min
Delta R.T.: 0.000 min
Response: 2355808
Conc: 17.14 ug/ml



#13 Pyrene (C20.8)

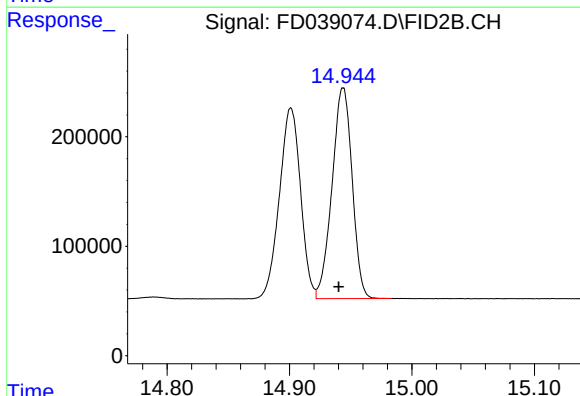
R.T.: 13.030 min
Delta R.T.: 0.002 min
Response: 2275623
Conc: 16.98 ug/ml

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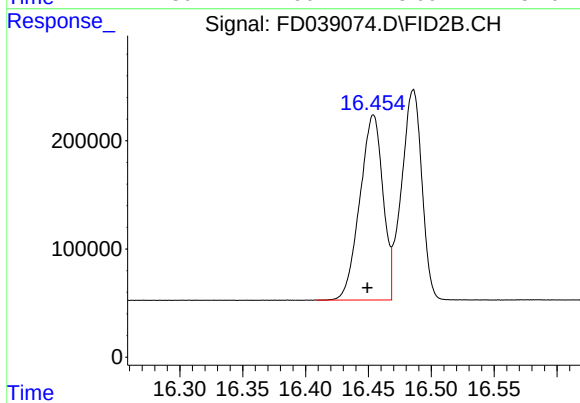
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.901 min
Delta R.T.: 0.003 min
Response: 2097521
Conc: 17.24 ug/ml



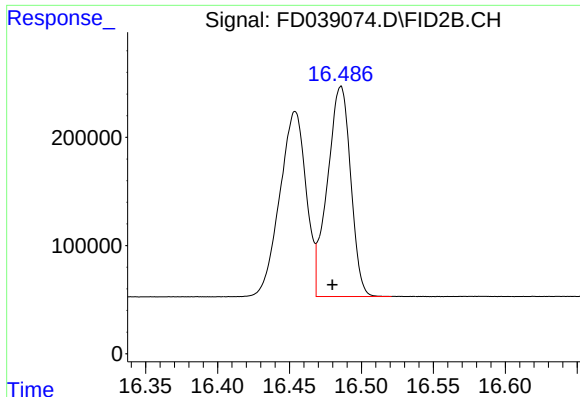
#15 Chrysene (C27.41)

R.T.: 14.944 min
Delta R.T.: 0.004 min
Response: 2198475
Conc: 17.30 ug/ml



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

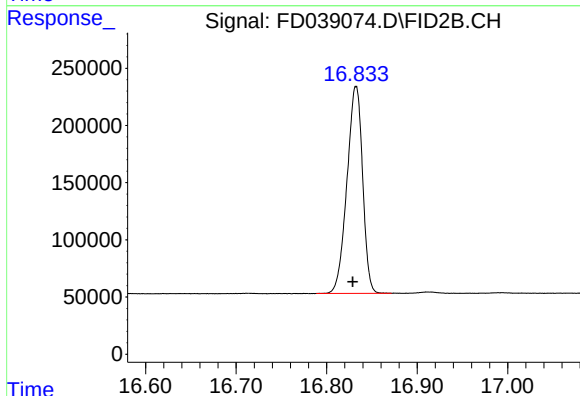
R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 2182219
Conc: 18.44 ug/ml



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

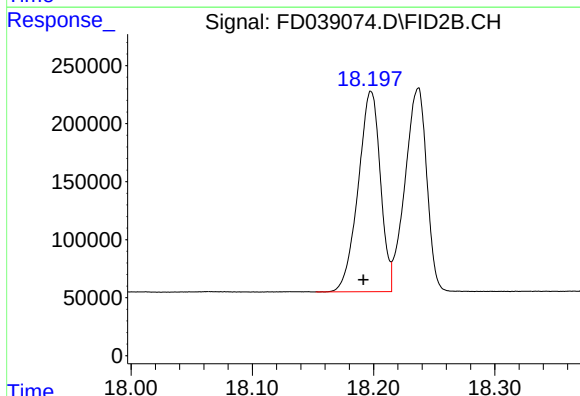
R.T.: 16.486 min
Delta R.T.: 0.006 min
Response: 2188389
Conc: 18.61 ug/ml

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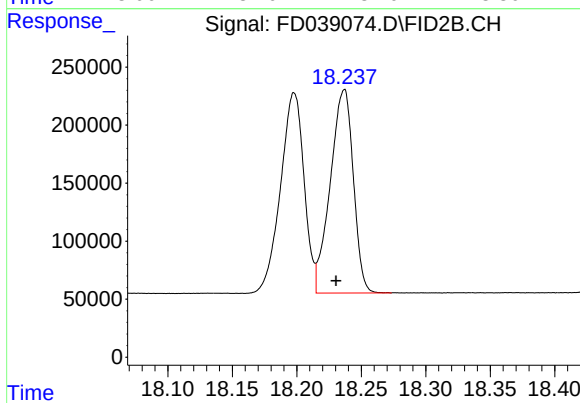
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.832 min
Delta R.T.: 0.004 min
Response: 2172812
Conc: 18.98 ug/ml



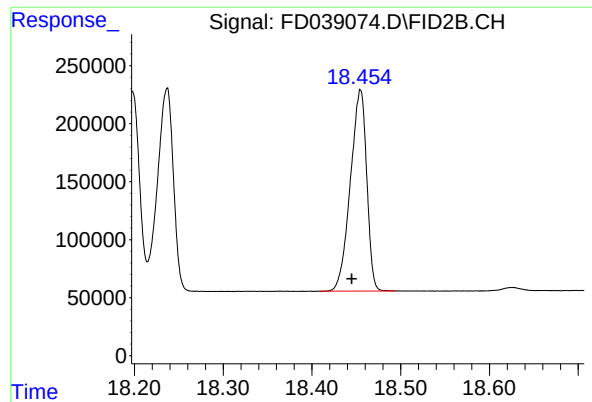
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.198 min
Delta R.T.: 0.006 min
Response: 2195632
Conc: 20.18 ug/ml



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

R.T.: 18.237 min
Delta R.T.: 0.006 min
Response: 2181832
Conc: 20.53 ug/ml



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

R.T.: 18.455 min
Delta R.T.: 0.010 min
Response: 2215864
Conc: 20.46 ug/ml

Instrument :
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