

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036850.D
 Signal(s) : FID2B.CH
 Acq On : 10 Apr 2021 12:34
 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: Apr 12 01:12:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.588	2579670	18.342 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
6) S 2-Fluorobiphenyl (SURR)	8.449	1668292	17.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.55%
11) S ortho-Terphenyl (SURR)	11.490	2654882	17.383 ug/ml
Spiked Amount 50.000		Recovery =	34.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2831592	19.317 ug/ml
2) T Naphthalene (C11.7)	5.926	2936662	18.686 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	2887616	18.373 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2690587	17.956 ug/ml
7) T Acenaphthene (C15.5)	8.549	2786850	17.952 ug/ml
8) T Flouorene (C16.55)	9.329	2650295	17.603 ug/ml
9) T Phenanthrene (C19.36)	10.723	2507286	17.106 ug/ml
10) T Anthracene (C19.43)	10.797	2286198	15.792 ug/ml
12) T Fluoranthene (C21.85)	12.532	2348801	16.730 ug/ml
13) T Pyrene (C20.8)	12.829	2298158	16.750 ug/ml
14) T Benzo[a]anthracene (C...	14.698	2141821	18.035 ug/ml
15) T Chrysene (C27.41)	14.740	2231674	18.454 ug/ml
16) T benzo[b]fluoranthene ...	16.247	2235492	20.372 ug/ml
17) T Bnezo[k]fluoranthene ...	16.278	2172501	20.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	2082924	20.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.986	2200288	21.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.026	2253362	22.347 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	2238240	22.090 ug/ml

(f)=RT Delta > 1/2 Window

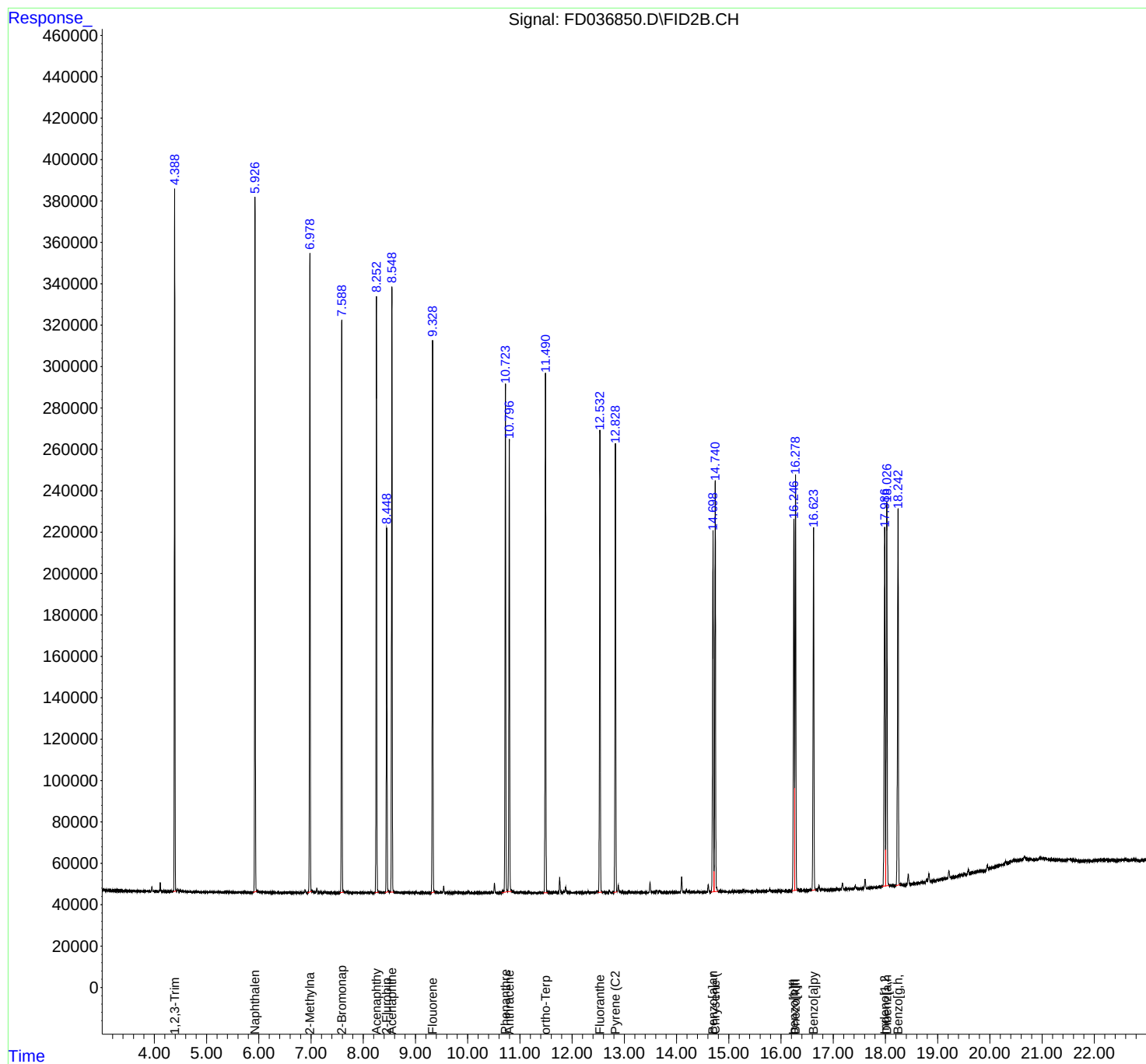
(m)=manual int.

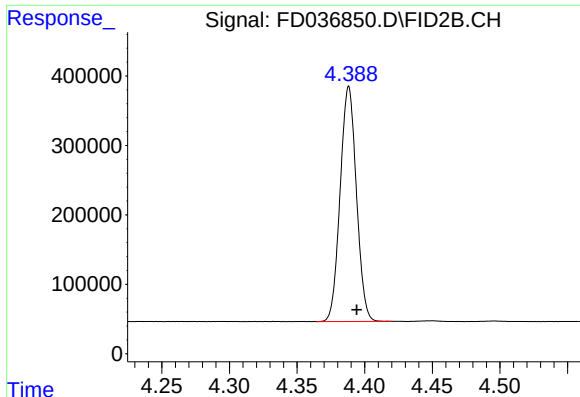
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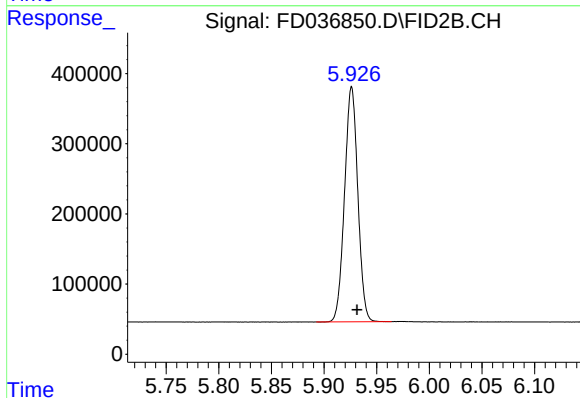




#1 1,2,3-Trimethylbenzene (C10.1)

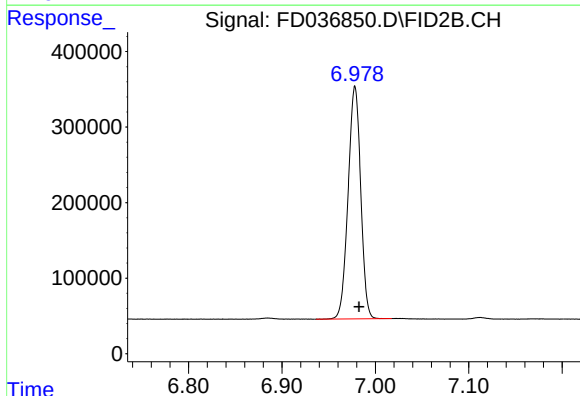
R.T.: 4.388 min
Delta R.T.: -0.006 min
Response: 2831592
Conc: 19.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



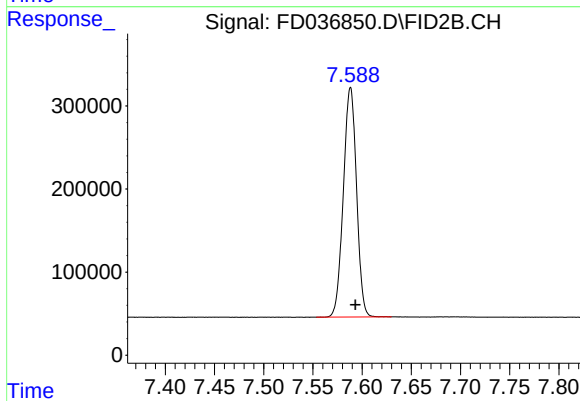
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 2936662
Conc: 18.69 ug/ml



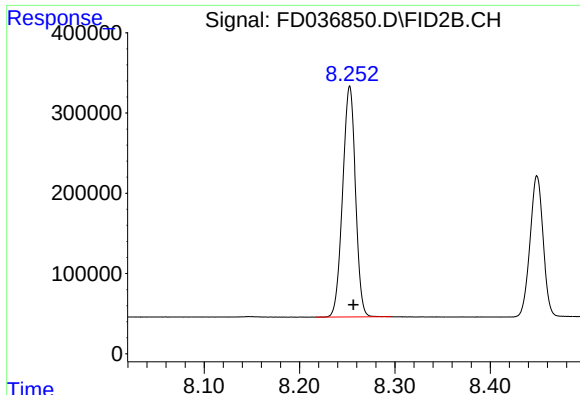
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 2887616
Conc: 18.37 ug/ml



#4 2-Bromonaphthalene (SURR)

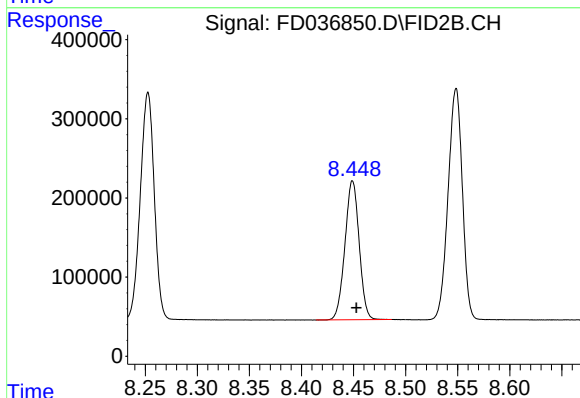
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 2579670
Conc: 18.34 ug/ml



#5 Acenaphthylene (C15.06)

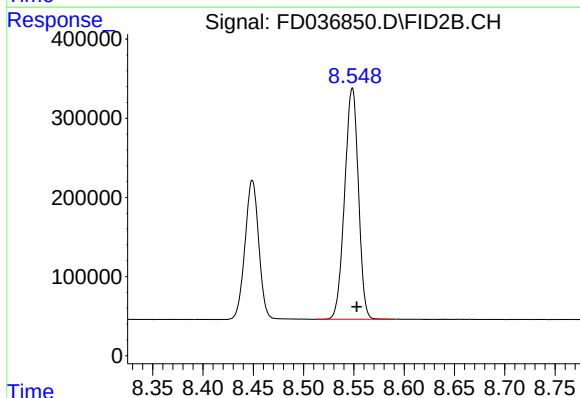
R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 2690587
Conc: 17.96 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



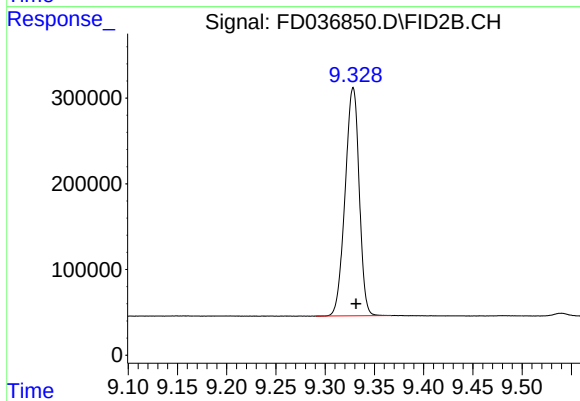
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 1668292
Conc: 17.77 ug/ml



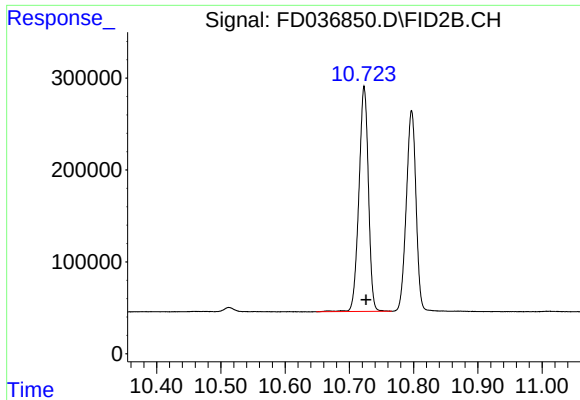
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 2786850
Conc: 17.95 ug/ml



#8 Fluorene (C16.55)

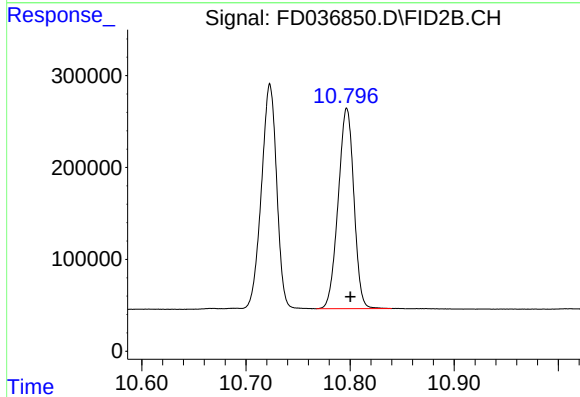
R.T.: 9.329 min
Delta R.T.: -0.003 min
Response: 2650295
Conc: 17.60 ug/ml



#9 Phenanthrene (C19.36)

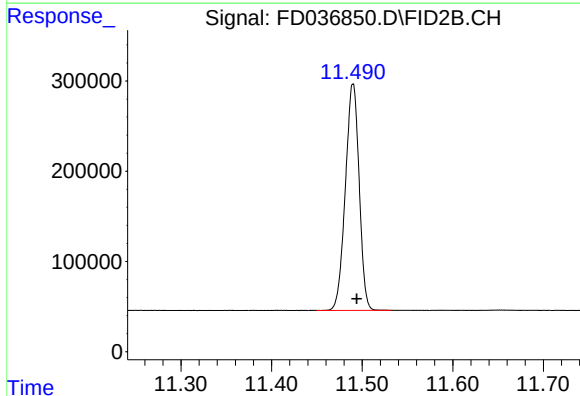
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 2507286
Conc: 17.11 ug/ml

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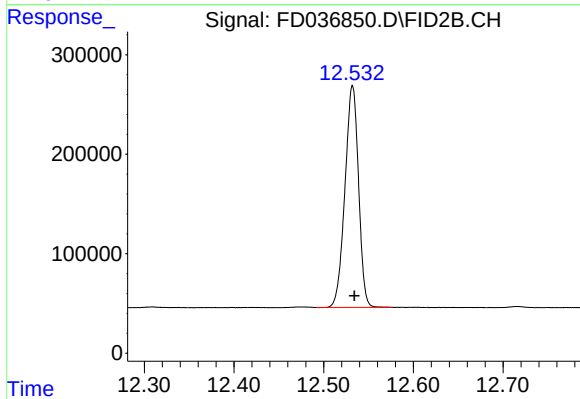
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.003 min
Response: 2286198
Conc: 15.79 ug/ml



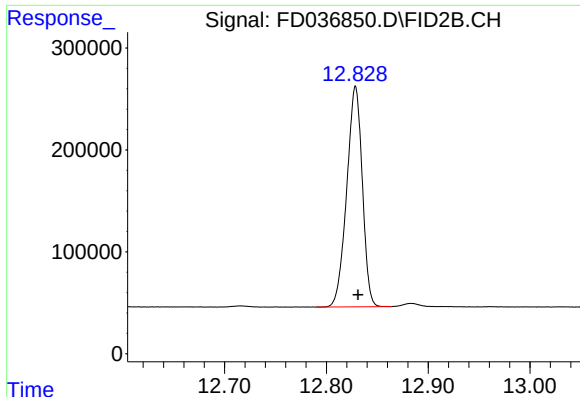
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 2654882
Conc: 17.38 ug/ml



#12 Fluoranthene (C21.85)

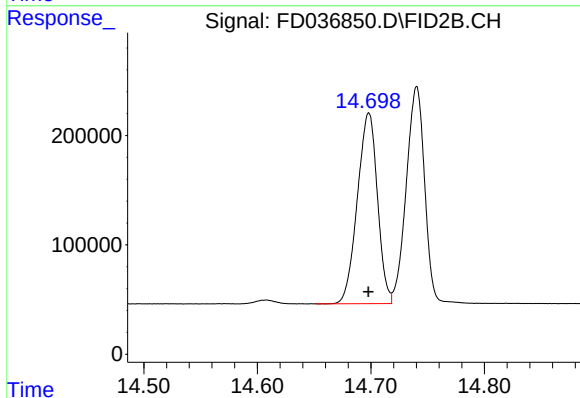
R.T.: 12.532 min
Delta R.T.: -0.002 min
Response: 2348801
Conc: 16.73 ug/ml



#13 Pyrene (C20.8)

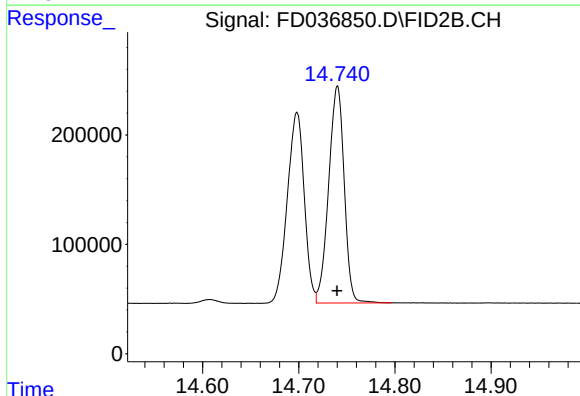
R.T.: 12.829 min
Delta R.T.: -0.002 min
Response: 2298158
Conc: 16.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



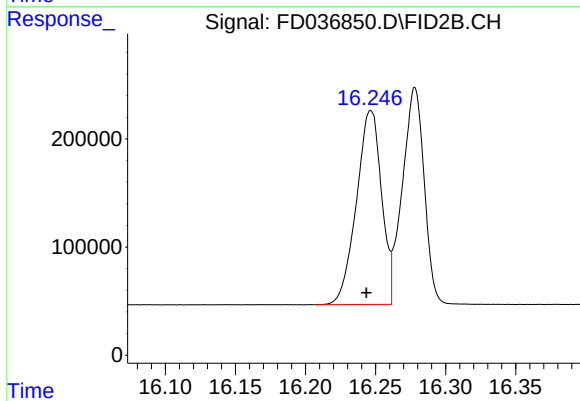
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.698 min
Delta R.T.: 0.000 min
Response: 2141821
Conc: 18.04 ug/ml



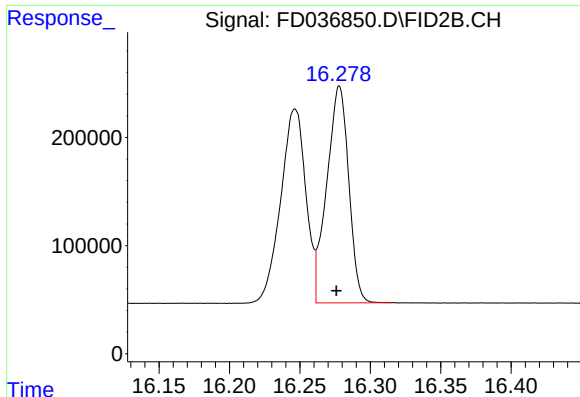
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 2231674
Conc: 18.45 ug/ml



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

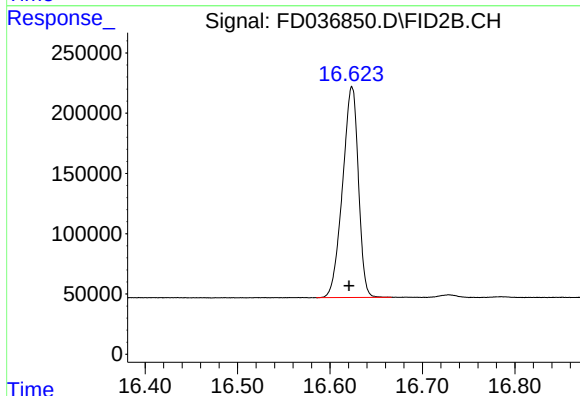
R.T.: 16.247 min
Delta R.T.: 0.003 min
Response: 2235492
Conc: 20.37 ug/ml



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

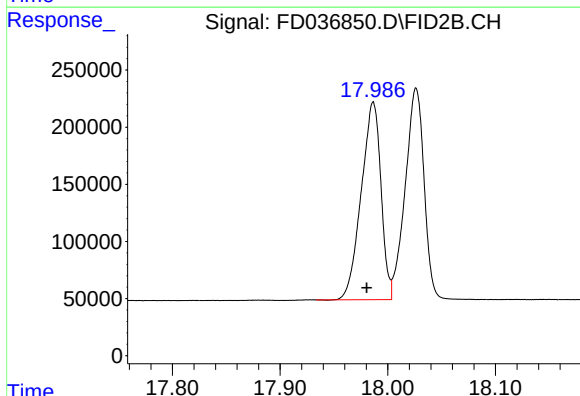
R.T.: 16.278 min
Delta R.T.: 0.002 min
Response: 2172501
Conc: 20.44 ug/ml

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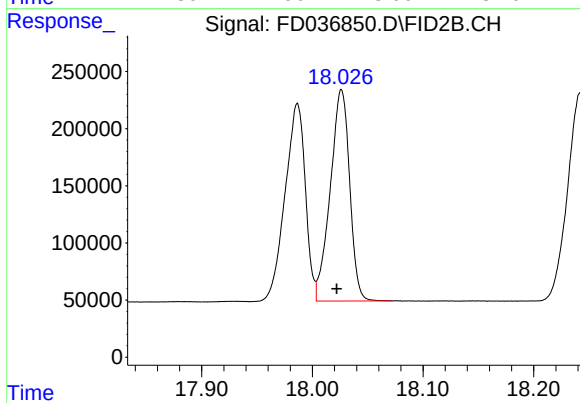
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: 0.003 min
Response: 2082924
Conc: 20.90 ug/ml



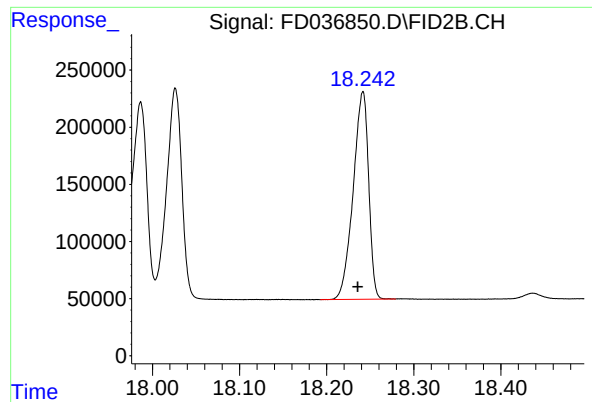
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.986 min
Delta R.T.: 0.006 min
Response: 2200288
Conc: 21.89 ug/ml



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

R.T.: 18.026 min
Delta R.T.: 0.004 min
Response: 2253362
Conc: 22.35 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.006 min
Response: 2238240
Conc: 22.09 ug/ml

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