

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042660.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 22:36
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: May 28 06:37:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 19:32:22 2022
 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...	7.669	3166234	20.720 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
6) S 2-Fluorobiphenyl (SURR)	8.532	2141056	20.818 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.64%
11) S ortho-Terphenyl (SURR)	11.580	3685521	20.761 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.463	3446667	20.586 ug/ml
2) T Naphthalene (C11.7)	6.005	3585146	20.736 ug/ml
3) T 2-Methylnaphthalene (...)	7.058	3301958	20.706 ug/ml
5) T Acenaphthylene (C15.06)	8.336	3570039	20.663 ug/ml
7) T Acenaphthene (C15.5)	8.632	3560806	20.694 ug/ml
8) T Flouorene (C16.55)	9.413	3504463	20.874 ug/ml
9) T Phenanthrene (C19.36)	10.811	3454231	21.006 ug/ml
10) T Anthracene (C19.43)	10.886	3217208	21.049 ug/ml
12) T Fluoranthene (C21.85)	12.624	3329827	21.136 ug/ml
13) T Pyrene (C20.8)	12.922	3295804	21.169 ug/ml
14) T Benzo[a]anthracene (C...	14.793	2898739	21.741 ug/ml
15) T Chrysene (C27.41)	14.835	2868431	21.711 ug/ml
16) T benzo[b]fluoranthene ...	16.343	2850609	21.398 ug/ml
17) T Bnezo[k]fluoranthene ...	16.376	2663107	21.501 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.720	2631195	21.259 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.083	2303735	20.668 ug/ml
20) T Dibenz[a,h]anthracene...	18.125	2375126	21.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.340	2456966	20.672 ug/ml

(f)=RT Delta > 1/2 Window

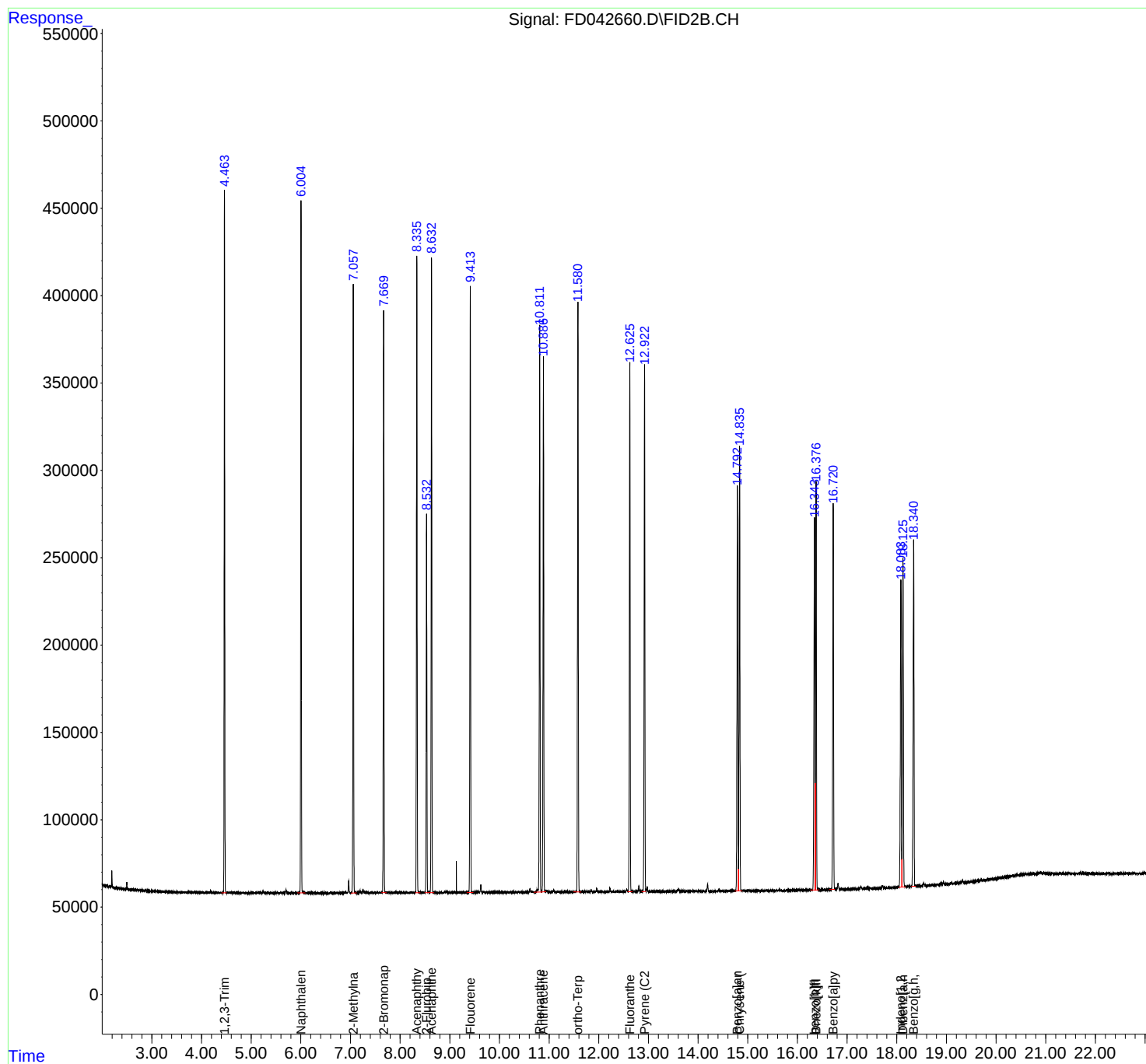
(m)=manual int.

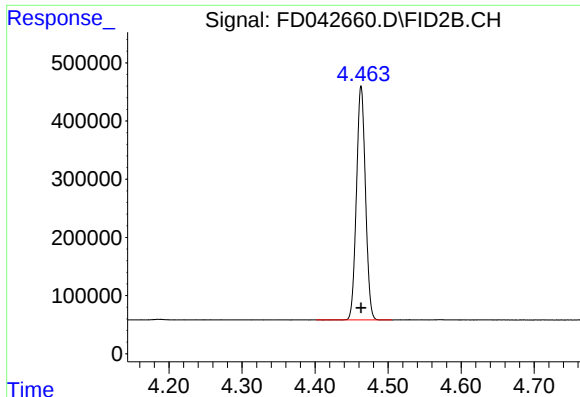
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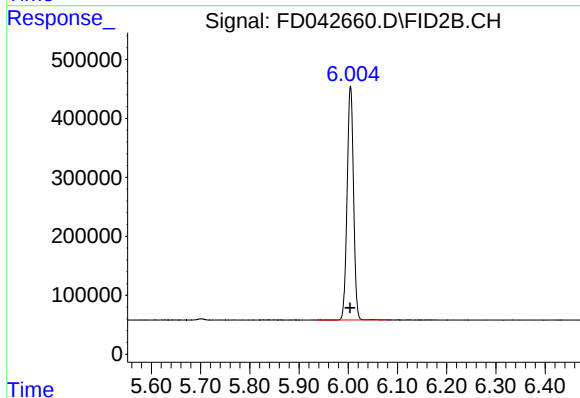




#1 1,2,3-Trimethylbenzene (C10.1)

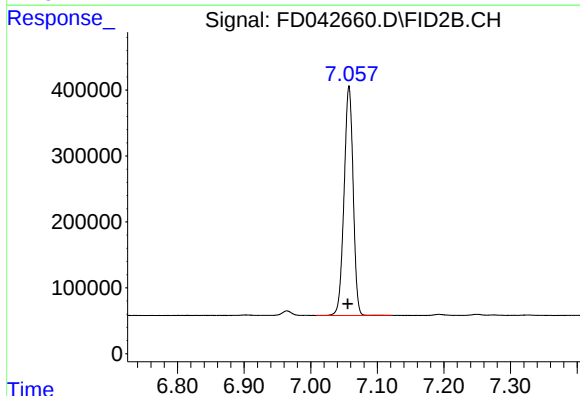
R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 3446667
Conc: 20.59 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



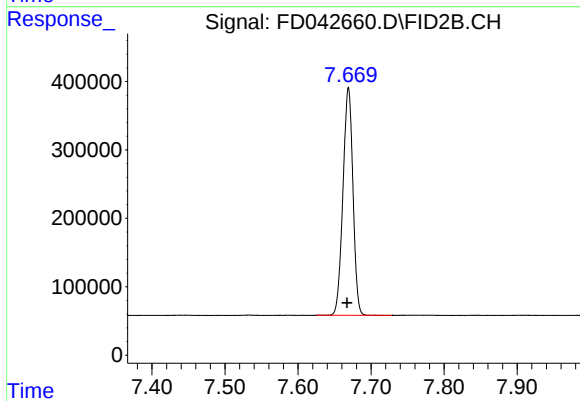
#2 Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.000 min
Response: 3585146
Conc: 20.74 ug/ml



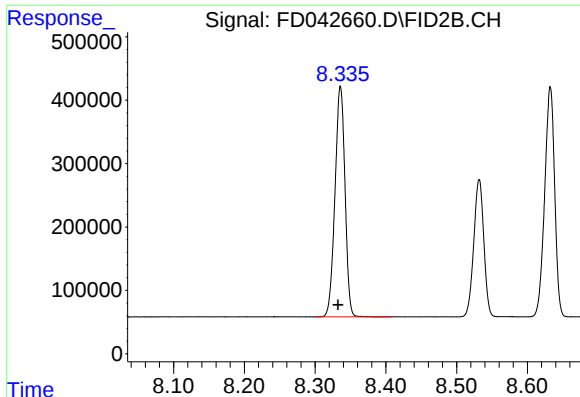
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 3301958
Conc: 20.71 ug/ml



#4 2-Bromonaphthalene (SURR)

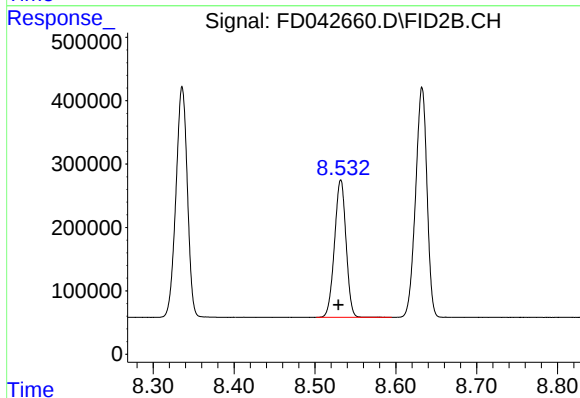
R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 3166234
Conc: 20.72 ug/ml



#5 Acenaphthylene (C15.06)

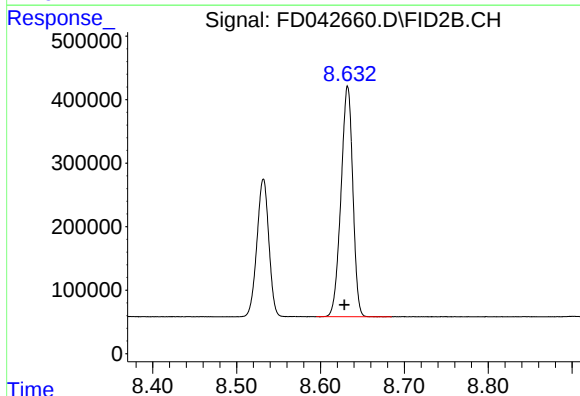
R.T.: 8.336 min
Delta R.T.: 0.003 min
Response: 3570039
Conc: 20.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



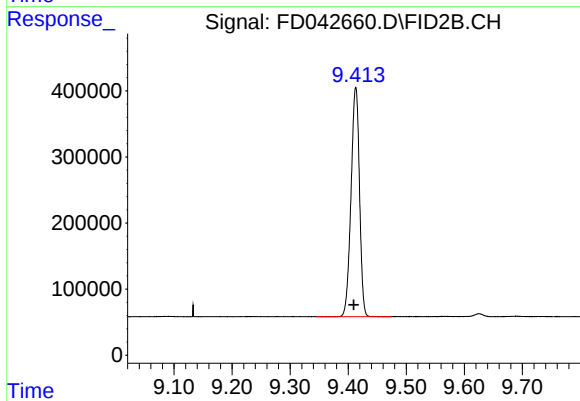
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.532 min
Delta R.T.: 0.003 min
Response: 2141056
Conc: 20.82 ug/ml



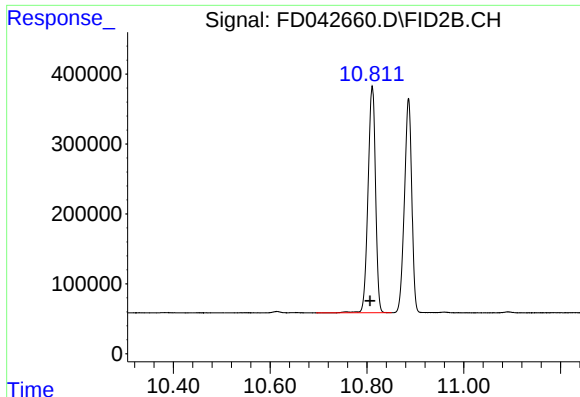
#7 Acenaphthene (C15.5)

R.T.: 8.632 min
Delta R.T.: 0.004 min
Response: 3560806
Conc: 20.69 ug/ml



#8 Flouorene (C16.55)

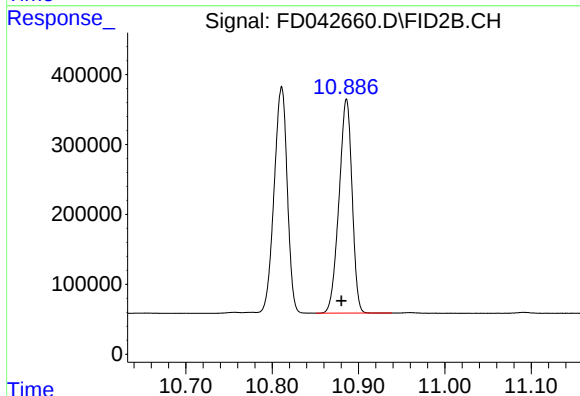
R.T.: 9.413 min
Delta R.T.: 0.003 min
Response: 3504463
Conc: 20.87 ug/ml



#9 Phenanthrene (C19.36)

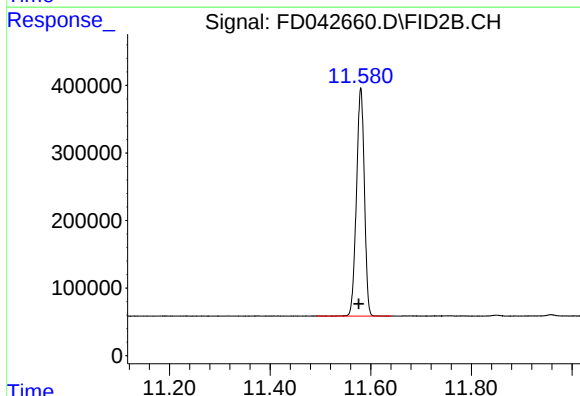
R.T.: 10.811 min
Delta R.T.: 0.004 min
Response: 3454231
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



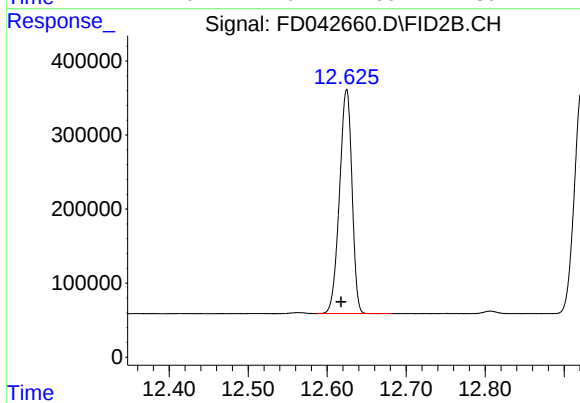
#10 Anthracene (C19.43)

R.T.: 10.886 min
Delta R.T.: 0.005 min
Response: 3217208
Conc: 21.05 ug/ml



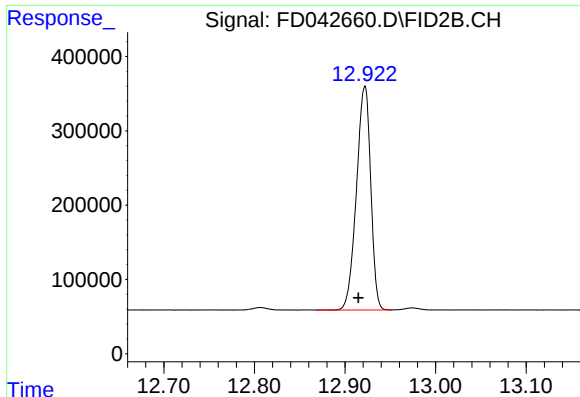
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.004 min
Response: 3685521
Conc: 20.76 ug/ml



#12 Fluoranthene (C21.85)

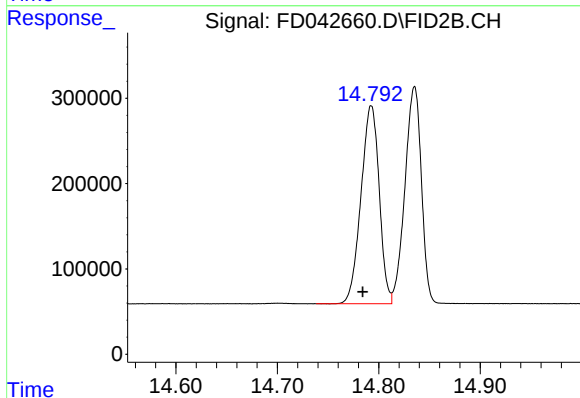
R.T.: 12.624 min
Delta R.T.: 0.007 min
Response: 3329827
Conc: 21.14 ug/ml



#13 Pyrene (C20.8)

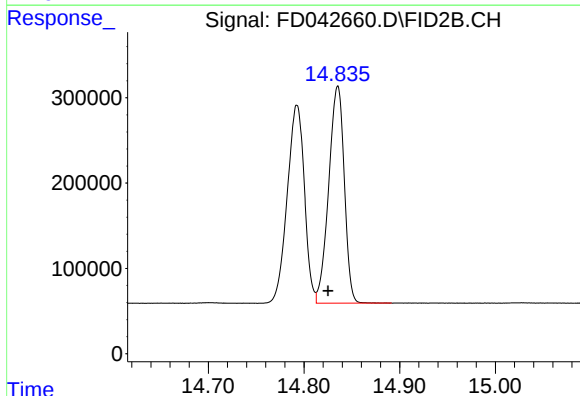
R.T.: 12.922 min
Delta R.T.: 0.007 min
Response: 3295804
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



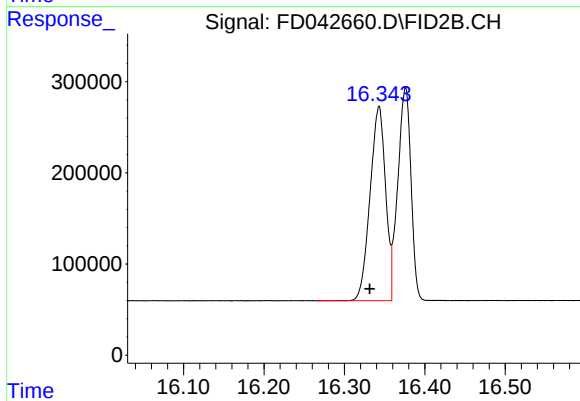
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.793 min
Delta R.T.: 0.008 min
Response: 2898739
Conc: 21.74 ug/ml



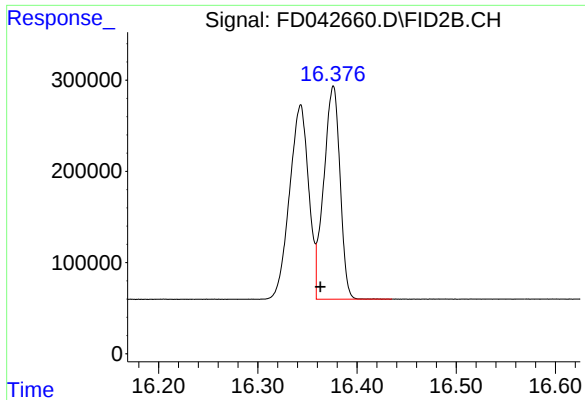
#15 Chrysene (C27.41)

R.T.: 14.835 min
Delta R.T.: 0.010 min
Response: 2868431
Conc: 21.71 ug/ml



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

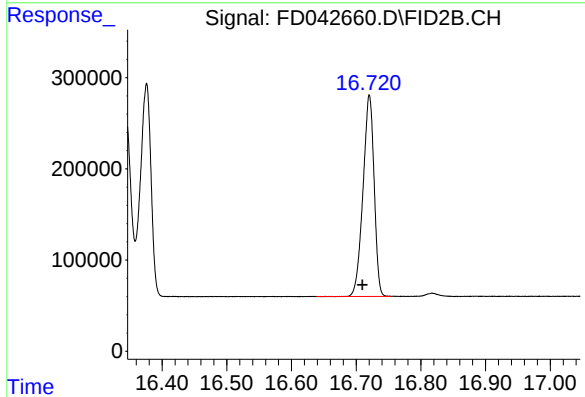
R.T.: 16.343 min
Delta R.T.: 0.011 min
Response: 2850609
Conc: 21.40 ug/ml



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

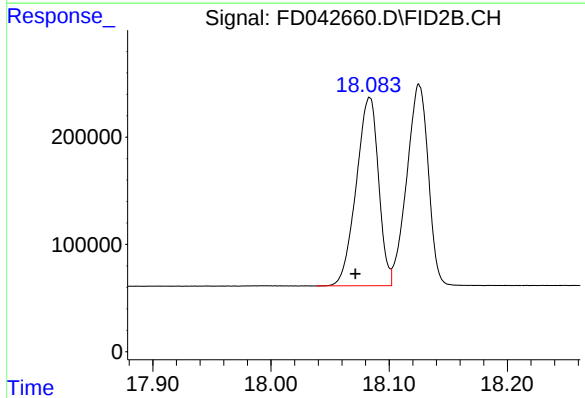
R.T.: 16.376 min
Delta R.T.: 0.012 min
Response: 2663107
Conc: 21.50 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



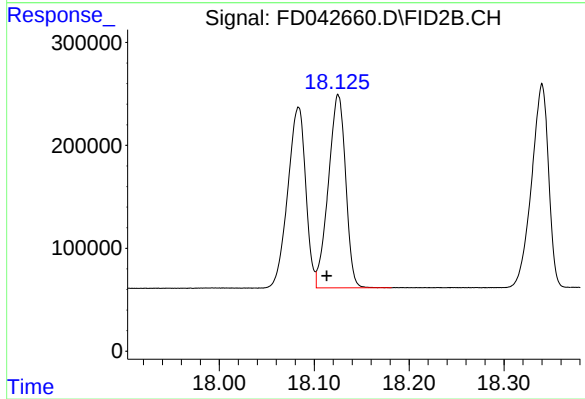
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min
Delta R.T.: 0.011 min
Response: 2631195
Conc: 21.26 ug/ml



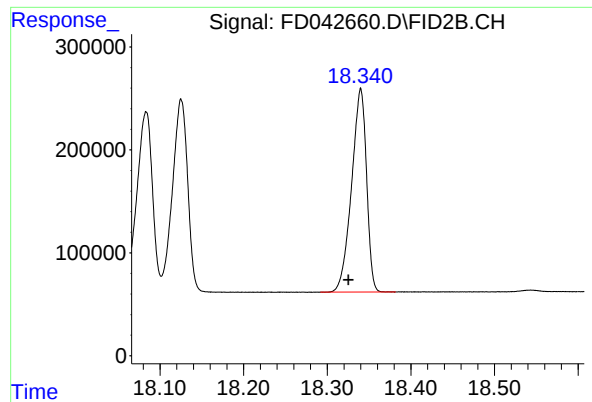
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.083 min
Delta R.T.: 0.012 min
Response: 2303735
Conc: 20.67 ug/ml



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

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 2375126
Conc: 21.35 ug/ml



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

R.T.: 18.340 min
Delta R.T.: 0.015 min
Response: 2456966
Conc: 20.67 ug/ml

Instrument :

FID_D

ClientSampleId :

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