

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041223AR\
 Data File : FD045470.D
 Signal(s) : FID2B.ch
 Acq On : 12 Apr 2023 11:51
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 13 02:58:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.545	2678331	19.549 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
6) S 2-Fluorobiphenyl (SURR)	8.400	1741089	19.422 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.84%
11) S ortho-Terphenyl (SURR)	11.440	3303017	18.985 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3108624	19.955 ug/ml
2) T Naphthalene (C11.7)	5.885	3175855	19.762 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3140255	19.617 ug/ml
5) T Acenaphthylene (C15.06)	8.204	2835721	19.368 ug/ml
7) T Acenaphthene (C15.5)	8.500	3009871	19.405 ug/ml
8) T Fluorene (C16.55)	9.278	2850580	19.223 ug/ml
9) T Phenanthrene (C19.36)	10.669	2744796	18.948 ug/ml
10) T Anthracene (C19.43)	10.743	2612032	18.897 ug/ml
12) T Fluoranthene (C21.85)	12.473	2702809	18.786 ug/ml
13) T Pyrene (C20.8)	12.768	2638879	18.769 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2425551	18.914 ug/ml
15) T Chrysene (C27.41)	14.676	2534523	19.114 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2466430	18.987 ug/ml
17) T Bnezo[k]fluoranthene ...	16.208	2439164	19.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2353318	18.717 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	2071914	17.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.950	2102136	17.645 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	2283367	18.280 ug/ml

(f)=RT Delta > 1/2 Window

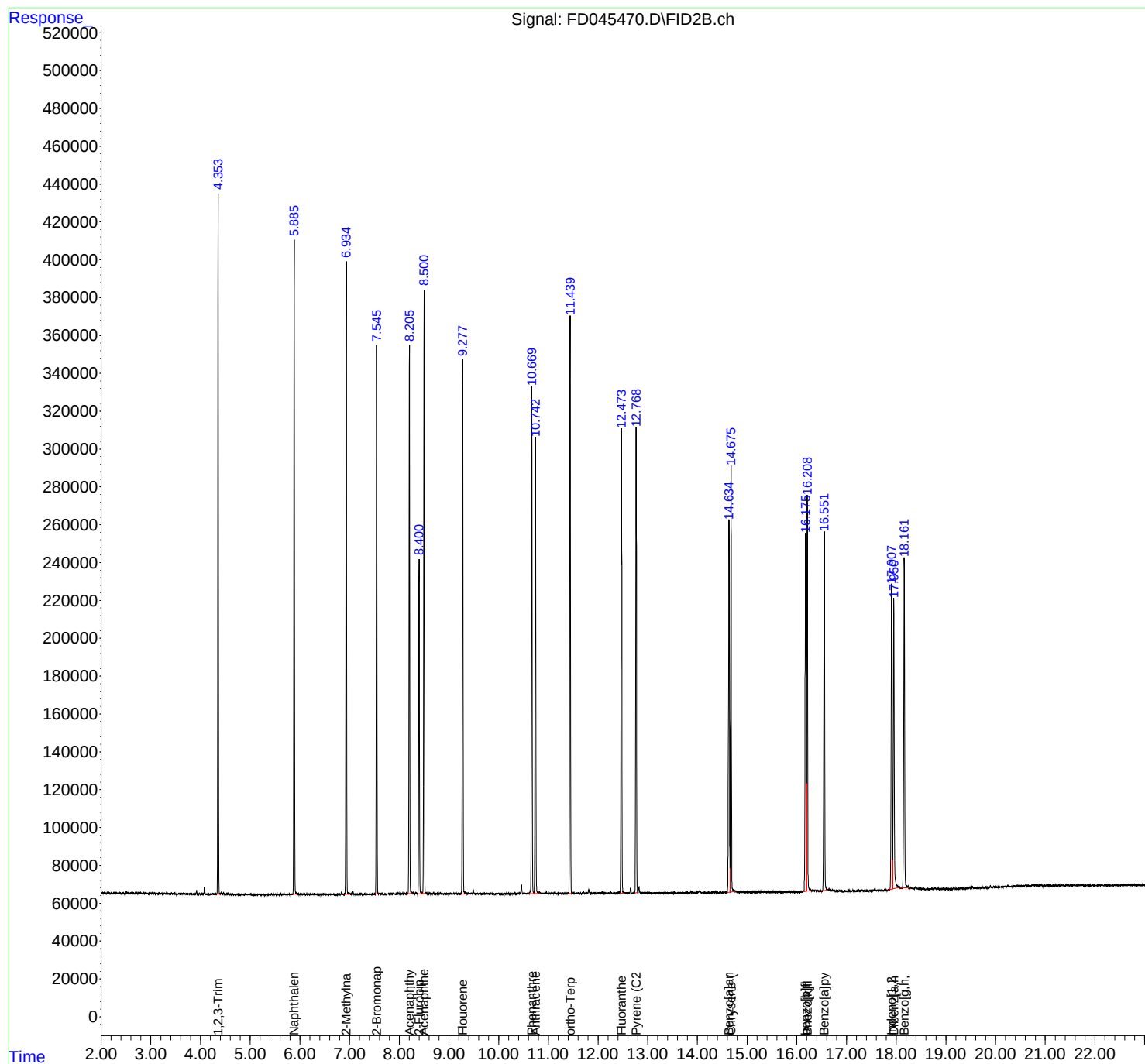
(m)=manual int.

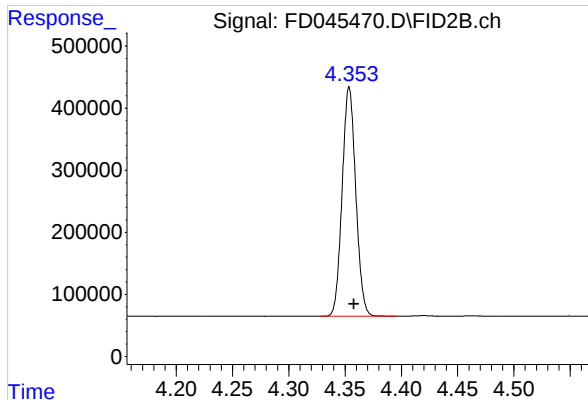
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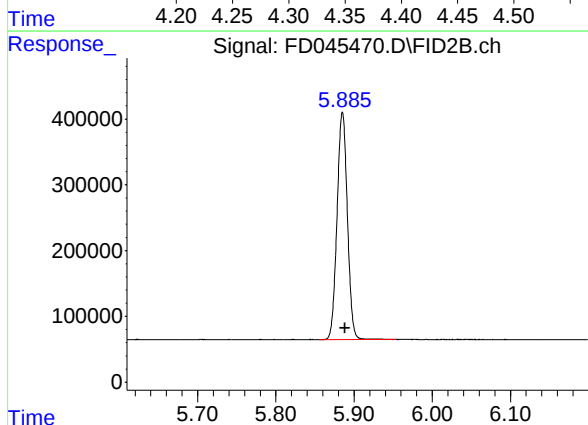




#1 1,2,3-Trimethylbenzene (C10.1)

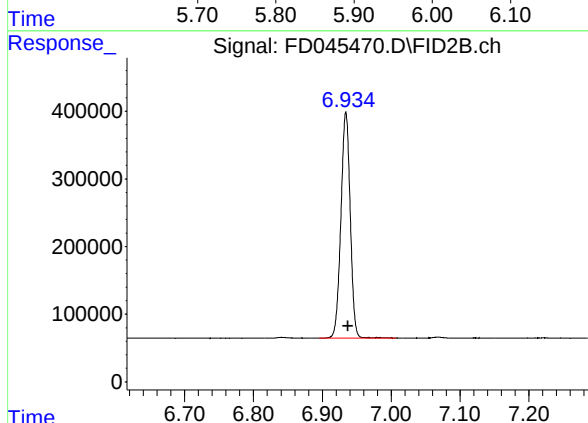
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 3108624
Conc: 19.95 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



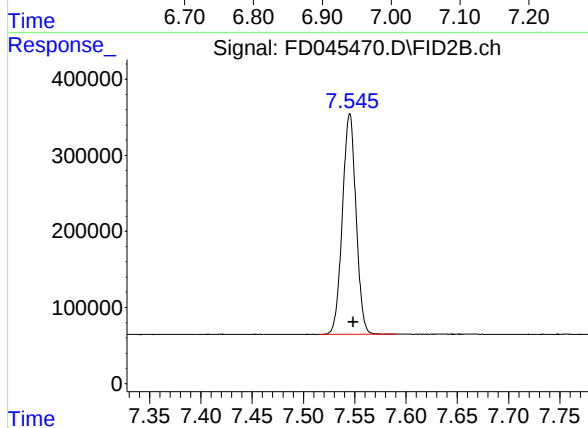
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 3175855
Conc: 19.76 ug/ml



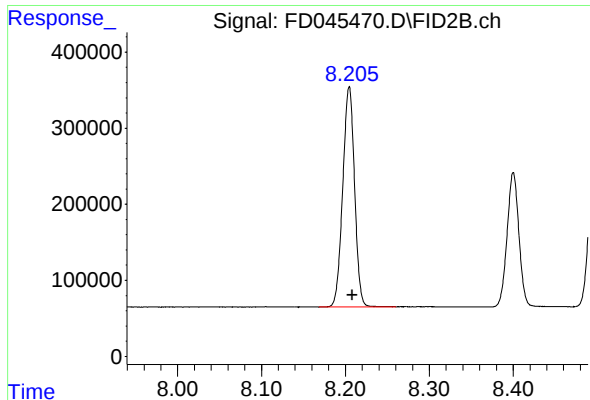
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 3140255
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

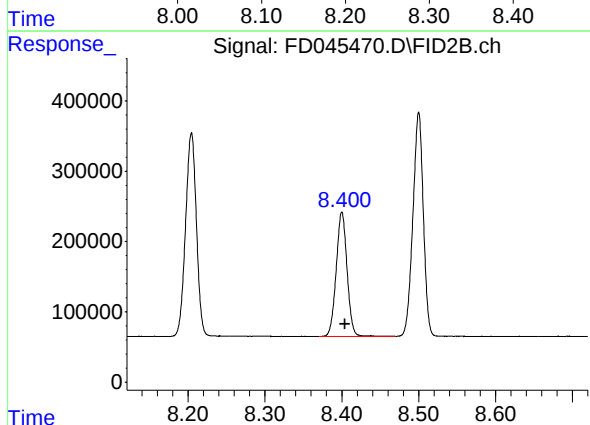
R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 2678331
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

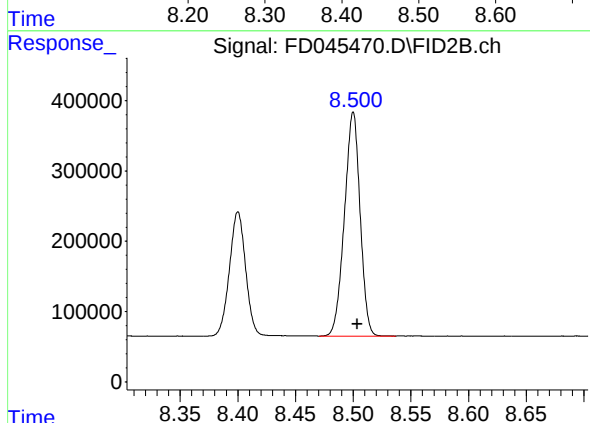
R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 2835721
Conc: 19.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



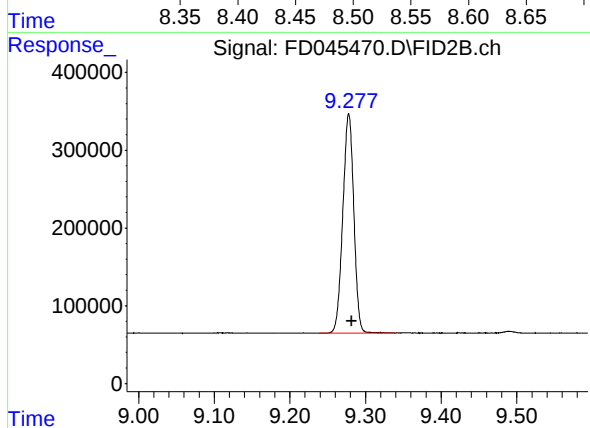
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.004 min
Response: 1741089
Conc: 19.42 ug/ml



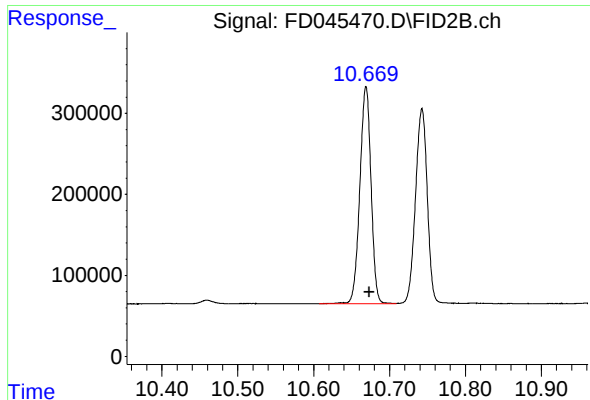
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 3009871
Conc: 19.41 ug/ml



#8 Flouorene (C16.55)

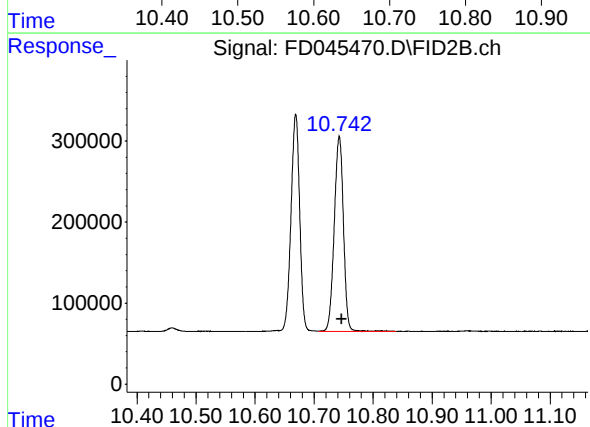
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 2850580
Conc: 19.22 ug/ml



#9 Phenanthrene (C19.36)

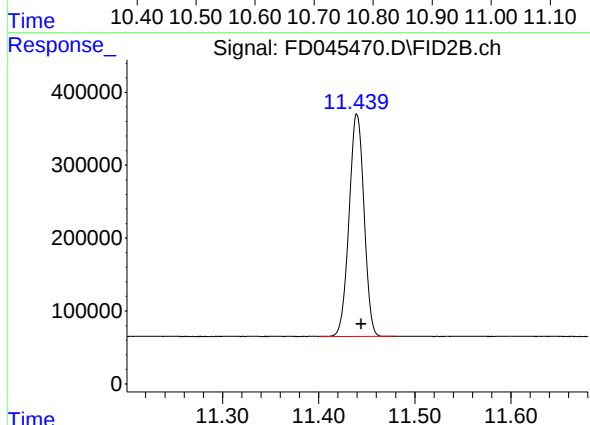
R.T.: 10.669 min
Delta R.T.: -0.005 min
Response: 2744796
Conc: 18.95 ug/ml

Instrument :
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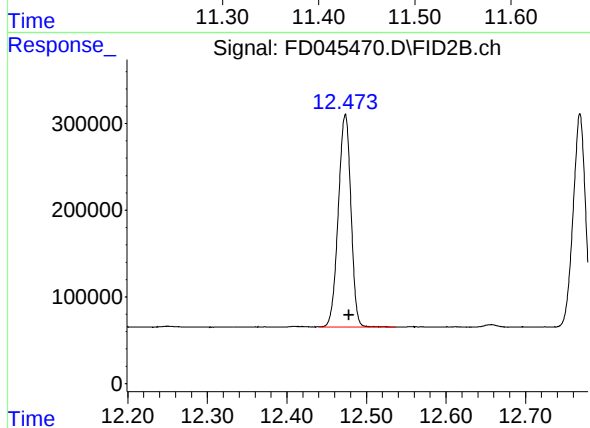
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.004 min
Response: 2612032
Conc: 18.90 ug/ml



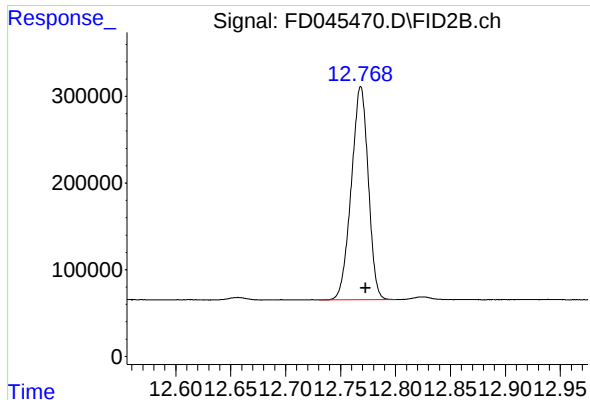
#11 ortho-Terphenyl (SURRE)

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 3303017
Conc: 18.98 ug/ml



#12 Fluoranthene (C21.85)

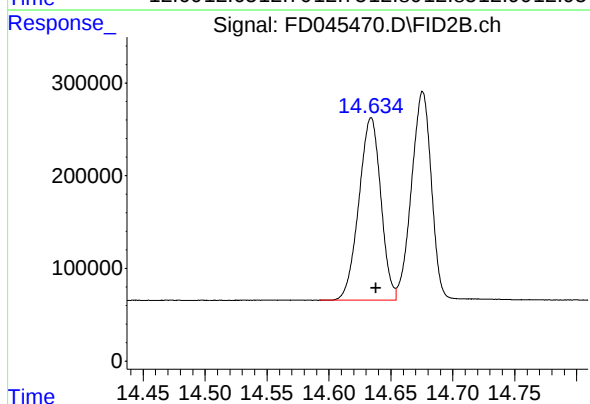
R.T.: 12.473 min
Delta R.T.: -0.005 min
Response: 2702809
Conc: 18.79 ug/ml



#13 Pyrene (C20.8)

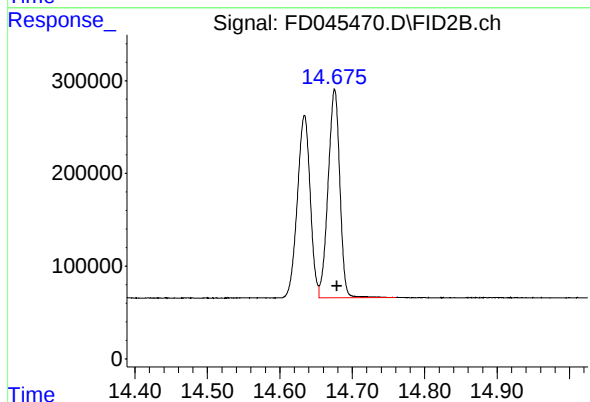
R.T.: 12.768 min
Delta R.T.: -0.005 min
Response: 2638879
Conc: 18.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



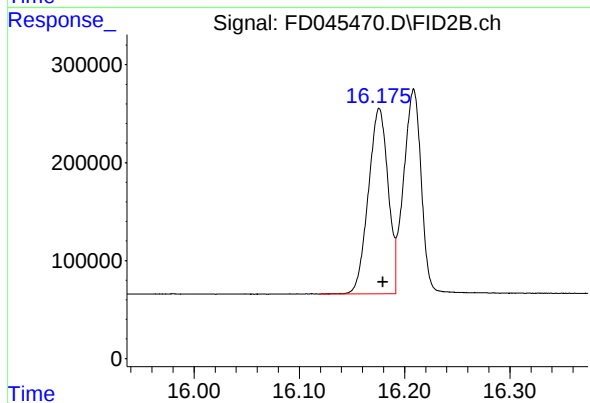
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 2425551
Conc: 18.91 ug/ml



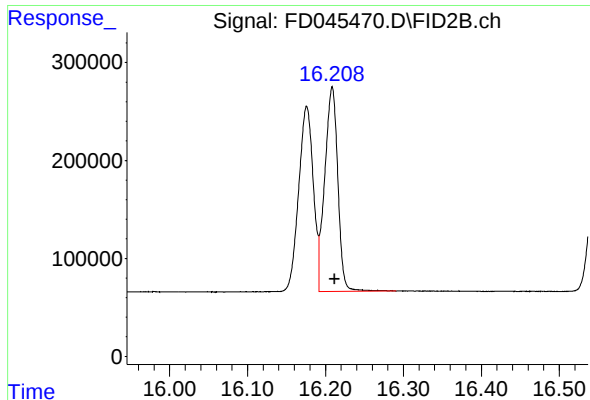
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: -0.004 min
Response: 2534523
Conc: 19.11 ug/ml



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

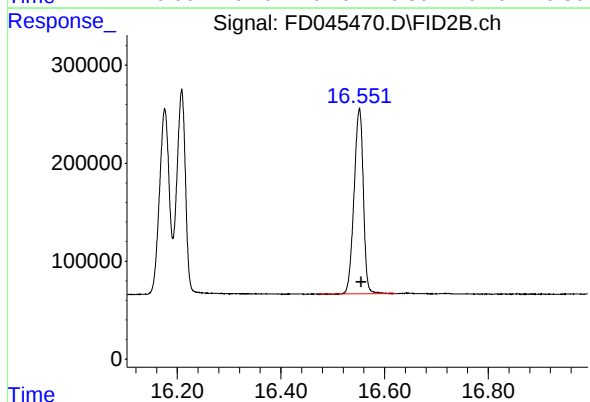
R.T.: 16.176 min
Delta R.T.: -0.004 min
Response: 2466430
Conc: 18.99 ug/ml



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

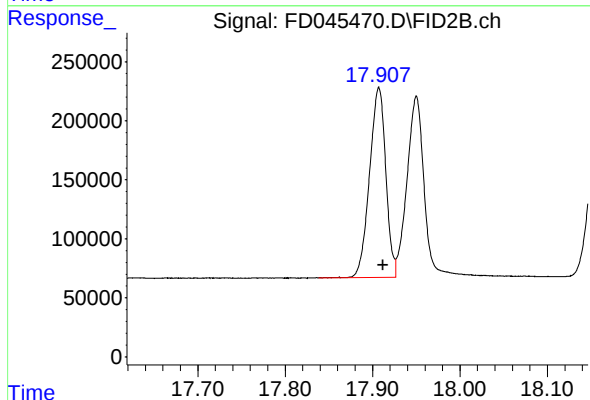
R.T.: 16.208 min
Delta R.T.: -0.003 min
Response: 2439164
Conc: 19.26 ug/ml

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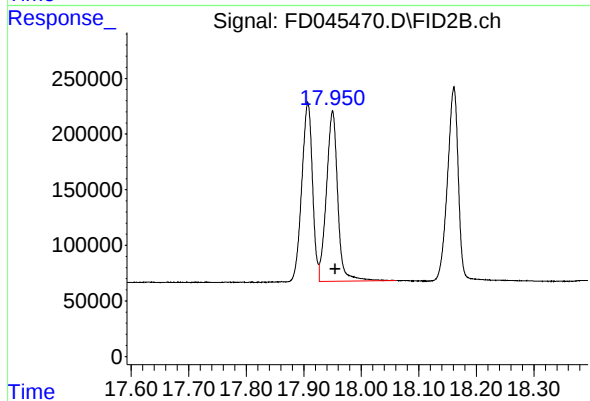
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: -0.004 min
Response: 2353318
Conc: 18.72 ug/ml



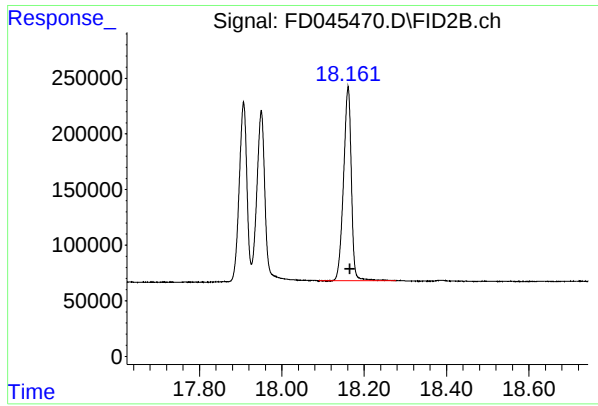
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: -0.005 min
Response: 2071914
Conc: 17.51 ug/ml



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

R.T.: 17.950 min
Delta R.T.: -0.005 min
Response: 2102136
Conc: 17.64 ug/ml



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

R.T.: 18.161 min

Delta R.T.: -0.005 min

Response: 2283367

Conc: 18.28 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD