

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046052.D
 Signal(s) : FID2B.ch
 Acq On : 04 Jul 2023 00:25
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Jul 05 01:30:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.516	4293407	19.923 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
6) S 2-Fluorobiphenyl (SURR)	8.372	2735562	19.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.53%
11) S ortho-Terphenyl (SURR)	11.410	4999027	19.718 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	5139188	20.630 ug/ml
2) T Naphthalene (C11.7)	5.856	5148218	20.180 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	5038855	19.988 ug/ml
5) T Acenaphthylene (C15.06)	8.176	4333476	19.952 ug/ml
7) T Acenaphthene (C15.5)	8.472	4674302	19.830 ug/ml
8) T Fluorene (C16.55)	9.250	4448956	19.663 ug/ml
9) T Phenanthrene (C19.36)	10.640	4164827	19.519 ug/ml
10) T Anthracene (C19.43)	10.714	3282180	20.656 ug/ml
12) T Fluoranthene (C21.85)	12.445	3964170	19.370 ug/ml
13) T Pyrene (C20.8)	12.739	3883463	19.973 ug/ml
14) T Benzo[a]anthracene (C...	14.604	3621436	20.136 ug/ml
15) T Chrysene (C27.41)	14.646	3853183	19.632 ug/ml
16) T benzo[b]fluoranthene ...	16.147	3903987	20.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.180	3845515	19.441 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	3754484	21.549 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	3782856	20.326 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	3856359	20.975 ug/ml
21) T Benzo[g,h,i]perylene ...	18.135	3857617	20.645 ug/ml

(f)=RT Delta > 1/2 Window

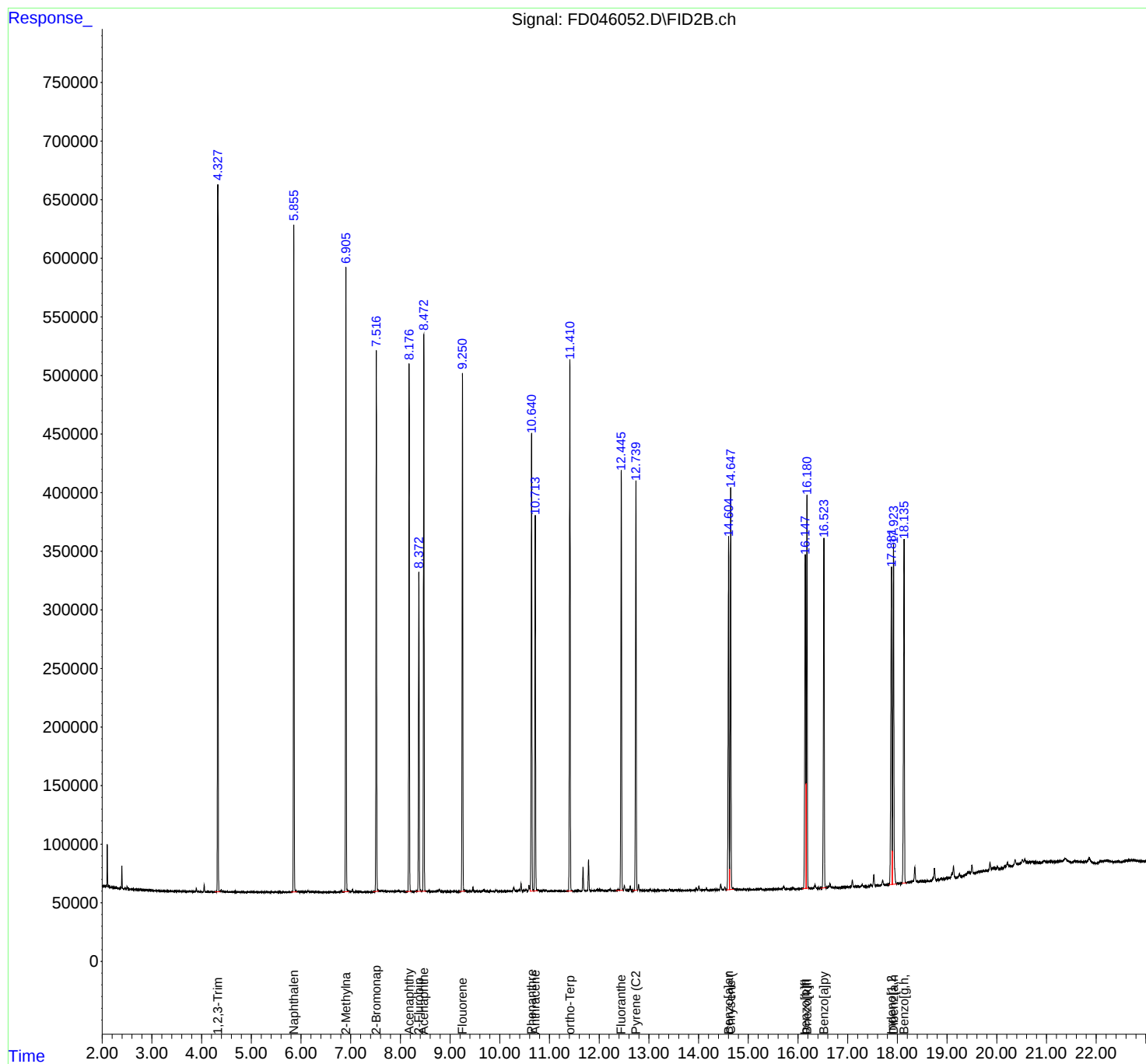
(m)=manual int.

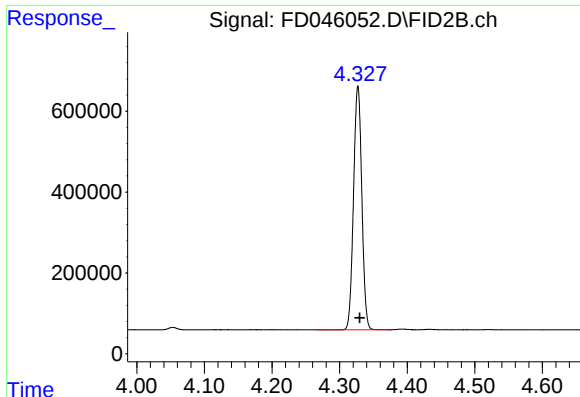
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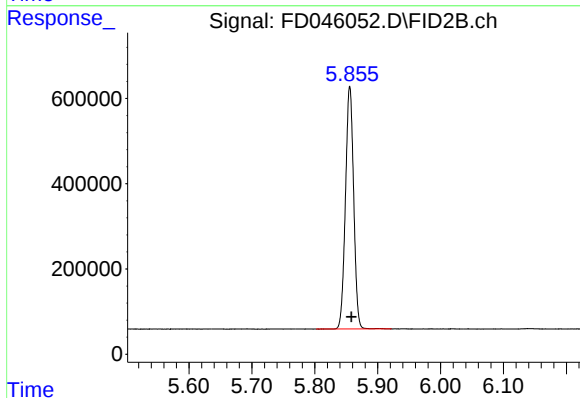




#1 1,2,3-Trimethylbenzene (C10.1)

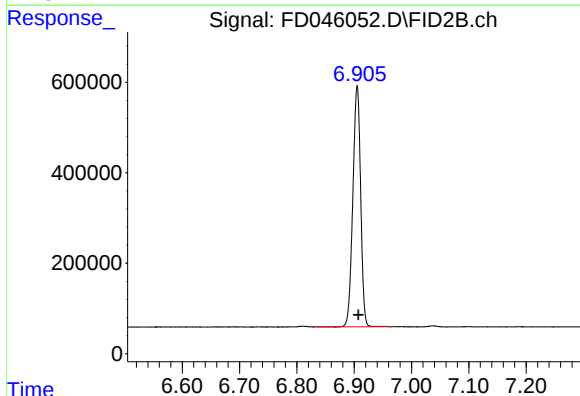
R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 5139188
Conc: 20.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



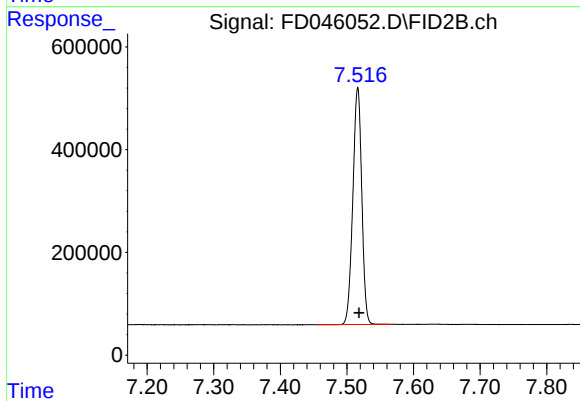
#2 Naphthalene (C11.7)

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 5148218
Conc: 20.18 ug/ml



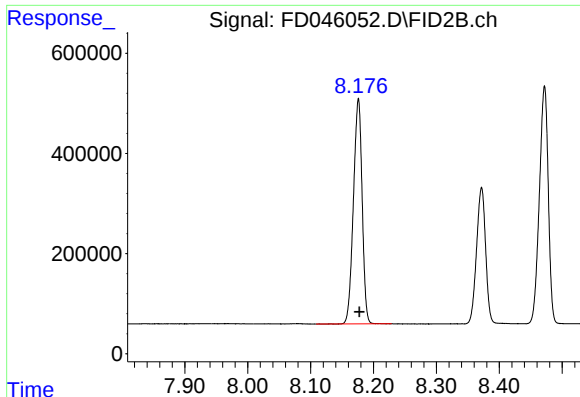
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 5038855
Conc: 19.99 ug/ml



#4 2-Bromonaphthalene (SURR)

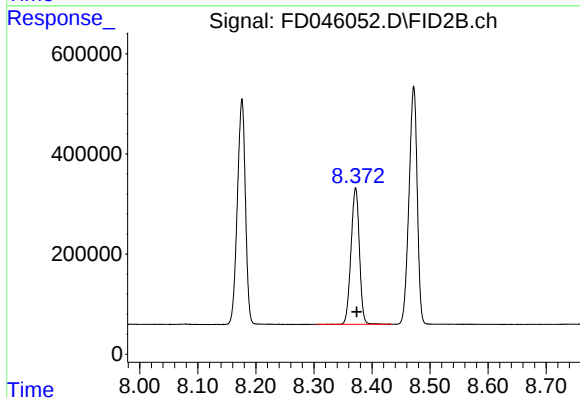
R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 4293407
Conc: 19.92 ug/ml



#5 Acenaphthylene (C15.06)

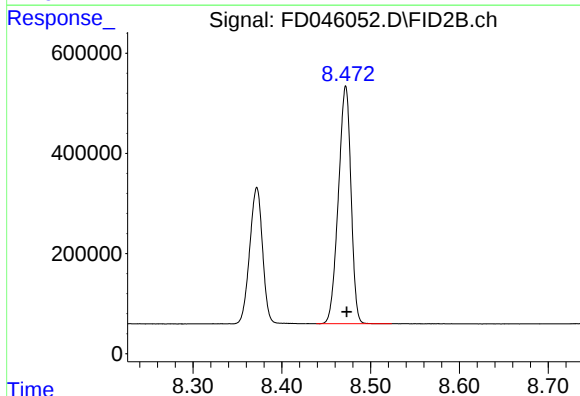
R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 4333476
Conc: 19.95 ug/ml

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20 PPM AROMATIC HC STD



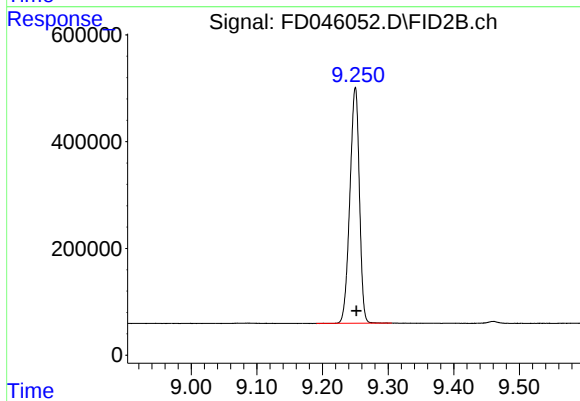
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 2735562
Conc: 19.77 ug/ml



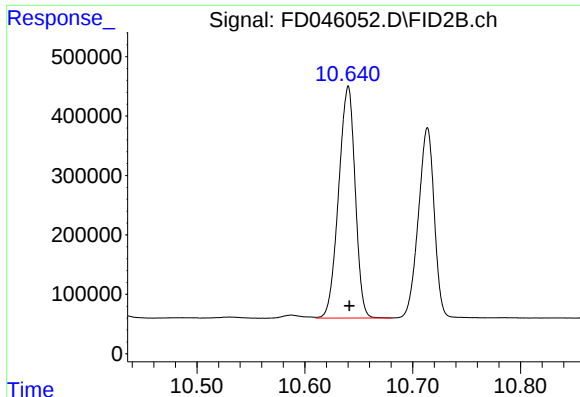
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.001 min
Response: 4674302
Conc: 19.83 ug/ml



#8 Fluorene (C16.55)

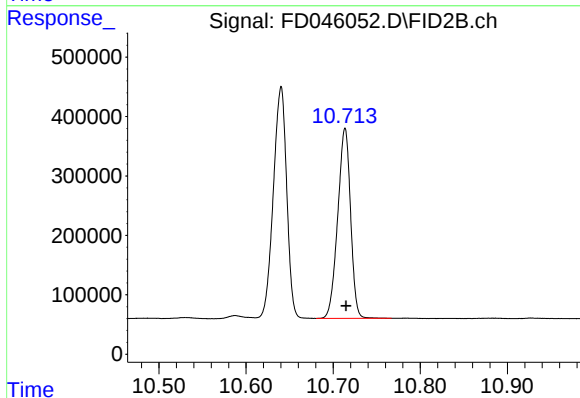
R.T.: 9.250 min
Delta R.T.: -0.002 min
Response: 4448956
Conc: 19.66 ug/ml



#9 Phenanthrene (C19.36)

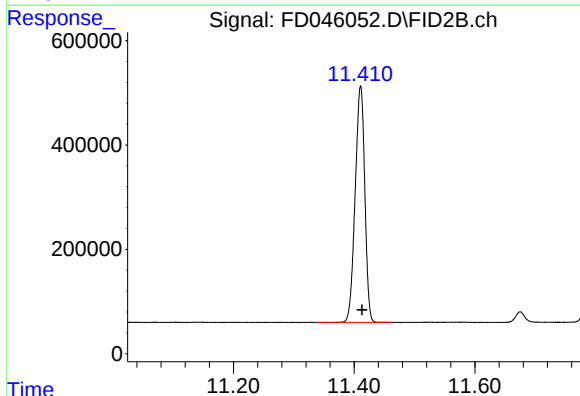
R.T.: 10.640 min
Delta R.T.: -0.002 min
Response: 4164827
Conc: 19.52 ug/ml

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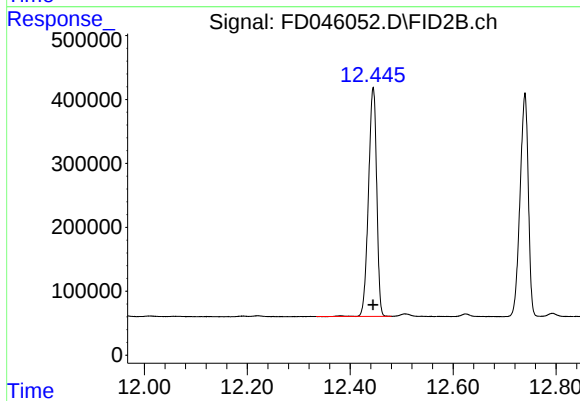
#10 Anthracene (C19.43)

R.T.: 10.714 min
Delta R.T.: -0.001 min
Response: 3282180
Conc: 20.66 ug/ml



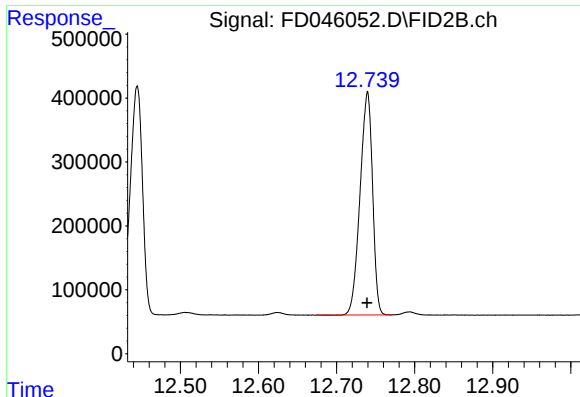
#11 ortho-Terphenyl (SURR)

R.T.: 11.410 min
Delta R.T.: -0.002 min
Response: 4999027
Conc: 19.72 ug/ml



#12 Fluoranthene (C21.85)

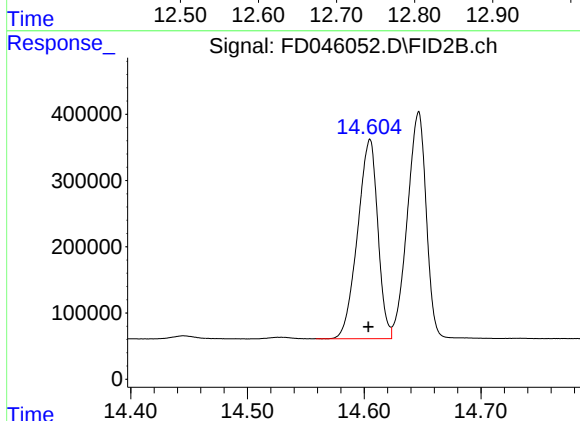
R.T.: 12.445 min
Delta R.T.: 0.000 min
Response: 3964170
Conc: 19.37 ug/ml



#13 Pyrene (C20.8)

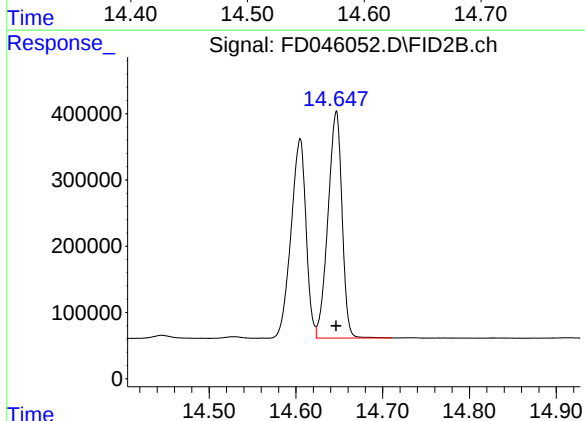
R.T.: 12.739 min
Delta R.T.: 0.000 min
Response: 3883463
Conc: 19.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



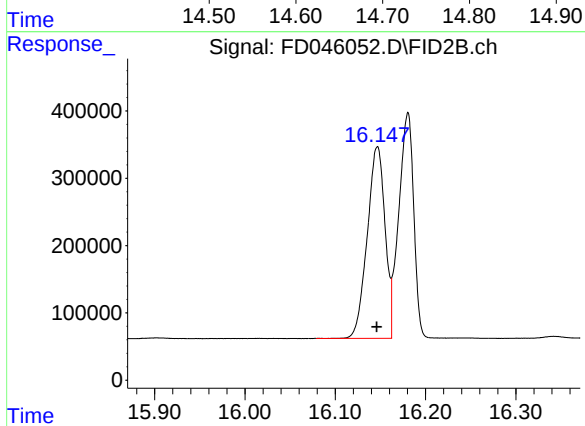
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.604 min
Delta R.T.: 0.001 min
Response: 3621436
Conc: 20.14 ug/ml



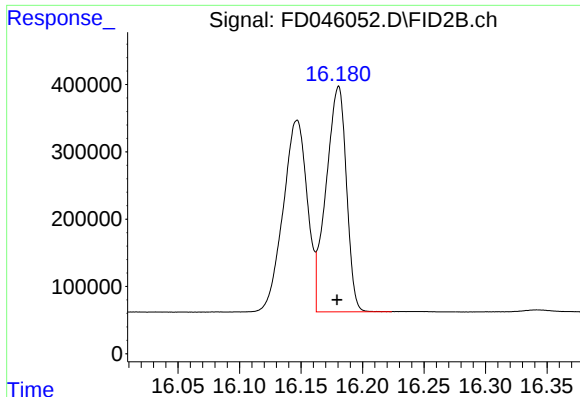
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 3853183
Conc: 19.63 ug/ml



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

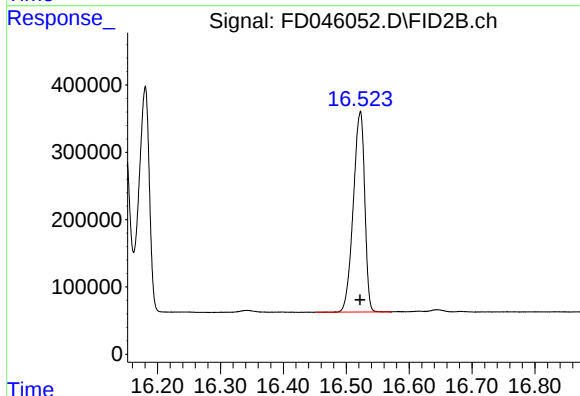
R.T.: 16.147 min
Delta R.T.: 0.000 min
Response: 3903987
Conc: 20.81 ug/ml



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

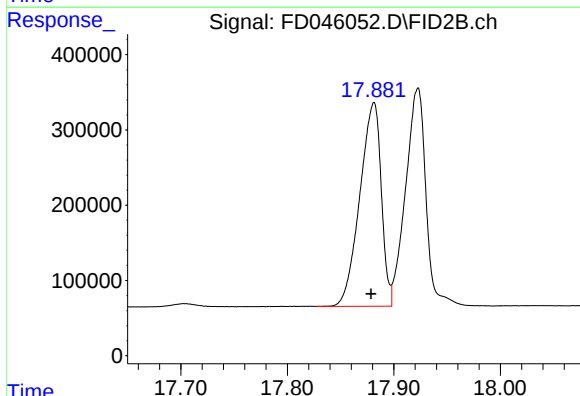
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 3845515
Conc: 19.44 ug/ml

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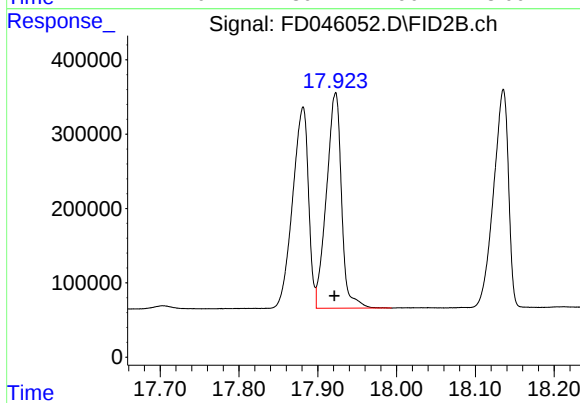
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: 0.000 min
Response: 3754484
Conc: 21.55 ug/ml



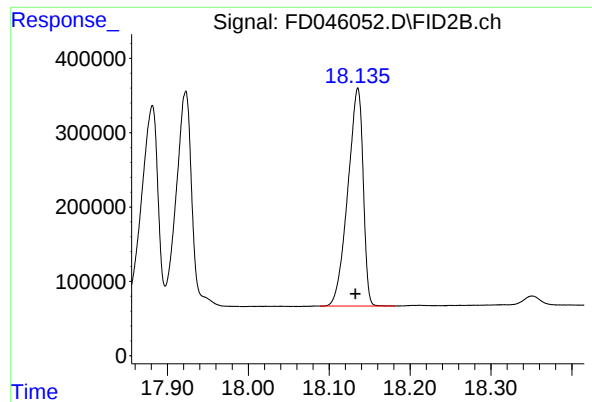
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.002 min
Response: 3782856
Conc: 20.33 ug/ml



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

R.T.: 17.922 min
Delta R.T.: 0.001 min
Response: 3856359
Conc: 20.98 ug/ml



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

R.T.: 18.135 min
Delta R.T.: 0.002 min
Response: 3857617
Conc: 20.65 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD