

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046748.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2023 21:42
 Operator : YP/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: Oct 14 03:02:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.487	3938107	21.214 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
6) S 2-Fluorobiphenyl (SURR)	8.340	2587328	21.354 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.71%
11) S ortho-Terphenyl (SURR)	11.378	4659390	21.536 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	4091968	21.073 ug/ml
2) T Naphthalene (C11.7)	5.827	4306745	21.288 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	4356562	21.328 ug/ml
5) T Acenaphthylene (C15.06)	8.144	3958532	21.445 ug/ml
7) T Acenaphthene (C15.5)	8.440	4242043	21.339 ug/ml
8) T Flouorene (C16.55)	9.218	4097514	21.526 ug/ml
9) T Phenanthrene (C19.36)	10.607	3978746	21.586 ug/ml
10) T Anthracene (C19.43)	10.680	2799988	21.417 ug/ml
12) T Fluoranthene (C21.85)	12.410	3985301	21.874 ug/ml
13) T Pyrene (C20.8)	12.704	3801666	21.679 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3160268	21.580 ug/ml
15) T Chrysene (C27.41)	14.609	3496455	21.732 ug/ml
16) T benzo[b]fluoranthene ...	16.109	3216104	21.523 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	3212250	21.353 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	3045182	21.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2833466	20.900 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	2962157	20.964 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2961790	21.055 ug/ml

(f)=RT Delta > 1/2 Window

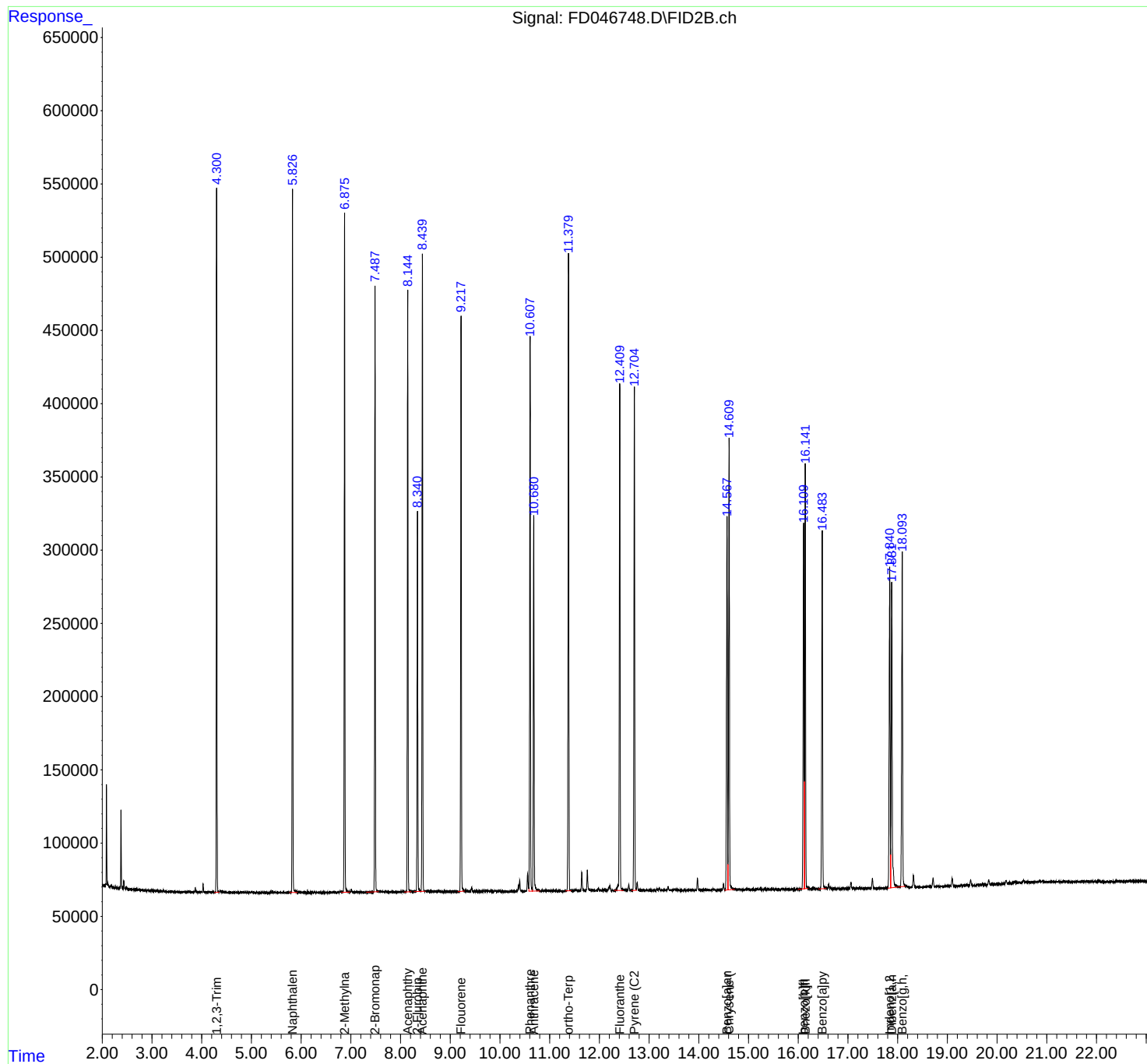
(m)=manual int.

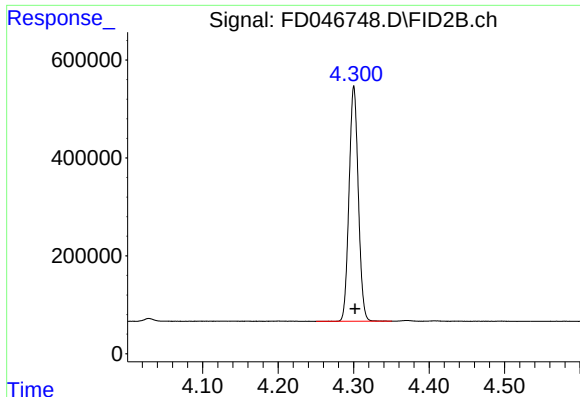
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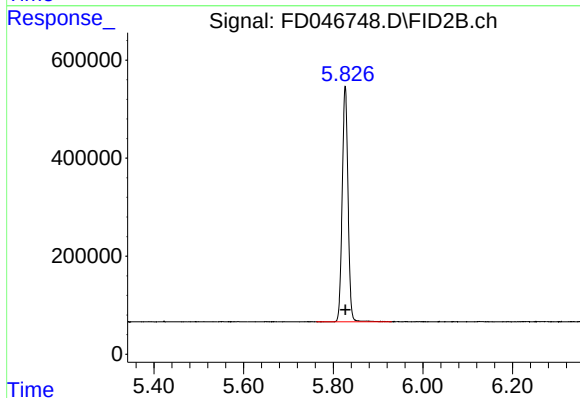




#1 1,2,3-Trimethylbenzene (C10.1)

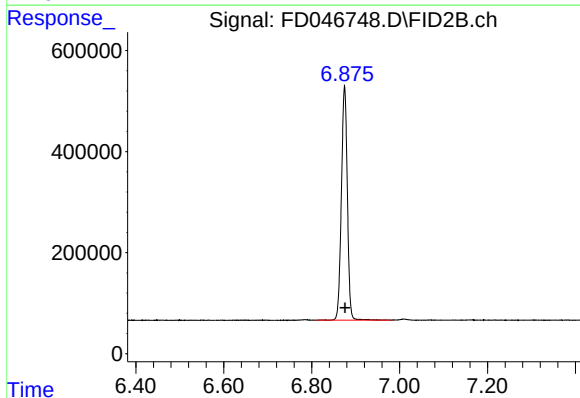
R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 4091968
Conc: 21.07 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



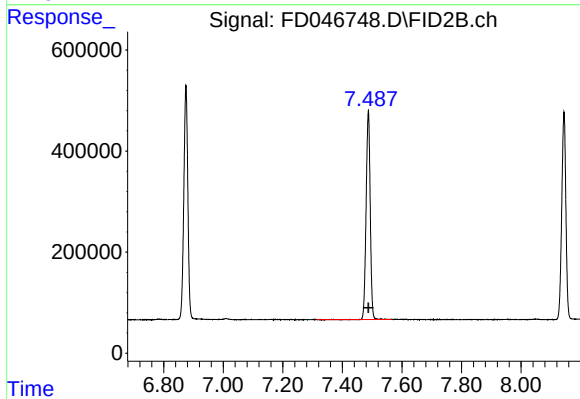
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 4306745
Conc: 21.29 ug/ml



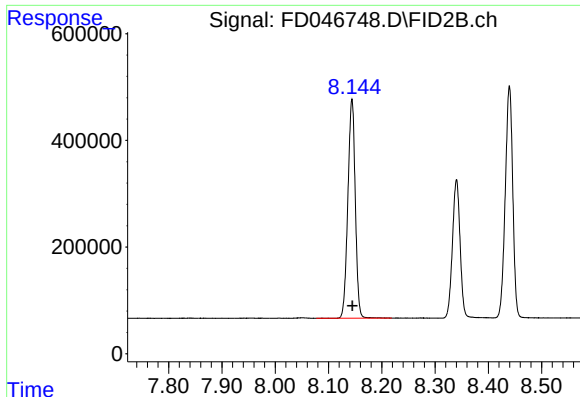
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4356562
Conc: 21.33 ug/ml



#4 2-Bromonaphthalene (SURR)

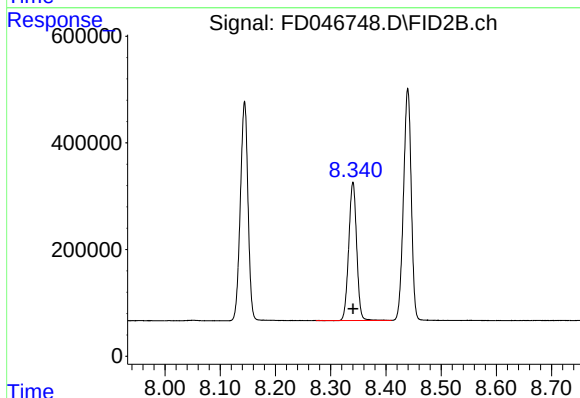
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 3938107
Conc: 21.21 ug/ml



#5 Acenaphthylene (C15.06)

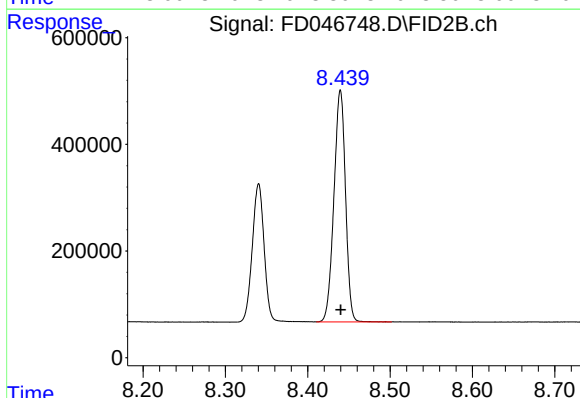
R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 3958532
Conc: 21.44 ug/ml

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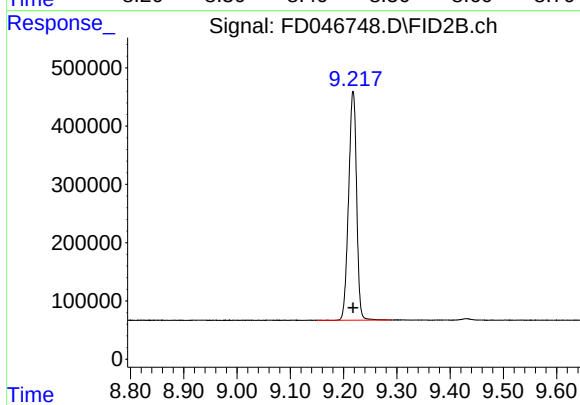
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 2587328
Conc: 21.35 ug/ml



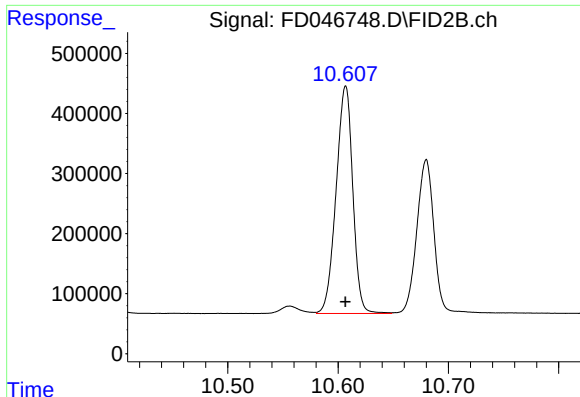
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 4242043
Conc: 21.34 ug/ml



#8 Fluorene (C16.55)

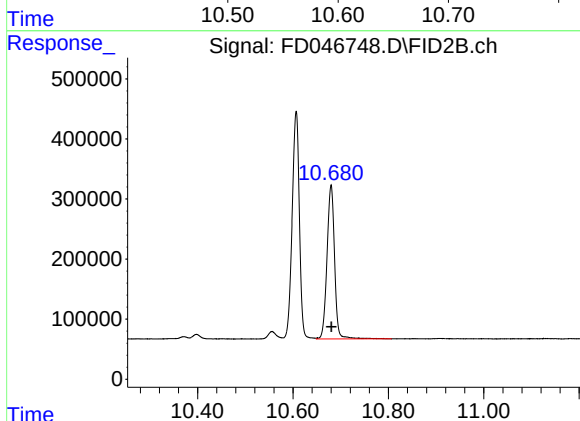
R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 4097514
Conc: 21.53 ug/ml



#9 Phenanthrene (C19.36)

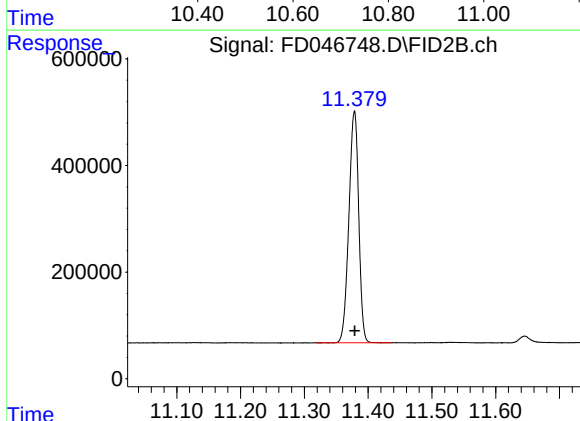
R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 3978746
Conc: 21.59 ug/ml

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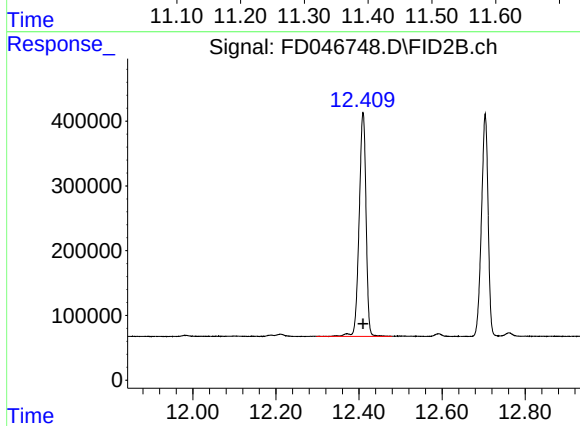
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 2799988
Conc: 21.42 ug/ml



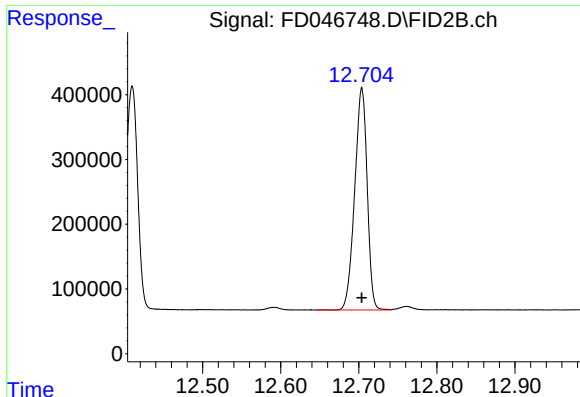
#11 ortho-Terphenyl (SURRE)

R.T.: 11.378 min
Delta R.T.: 0.000 min
Response: 4659390
Conc: 21.54 ug/ml



#12 Fluoranthene (C21.85)

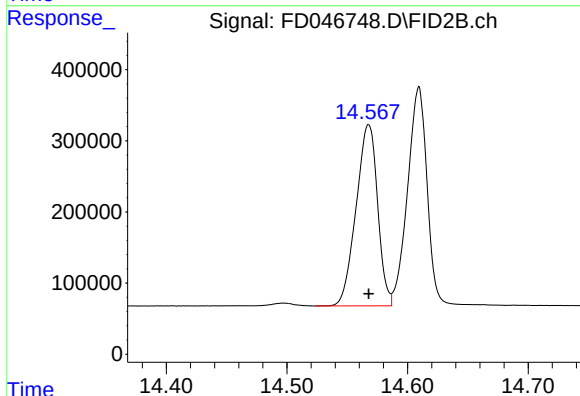
R.T.: 12.410 min
Delta R.T.: 0.000 min
Response: 3985301
Conc: 21.87 ug/ml



#13 Pyrene (C20.8)

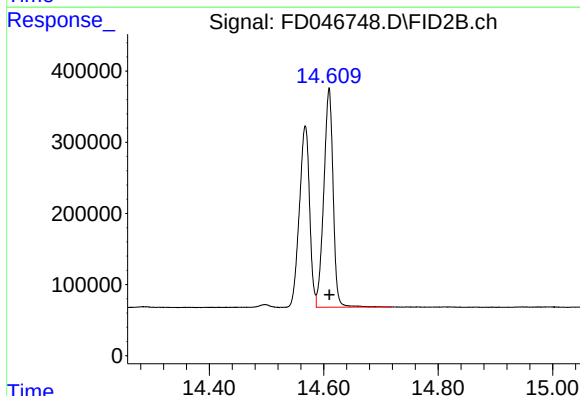
R.T.: 12.704 min
Delta R.T.: 0.000 min
Response: 3801666
Conc: 21.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



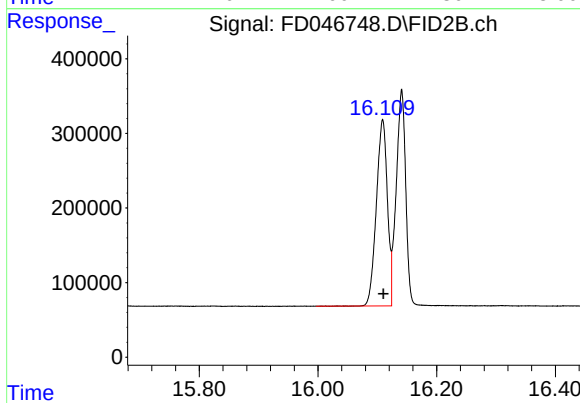
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.000 min
Response: 3160268
Conc: 21.58 ug/ml



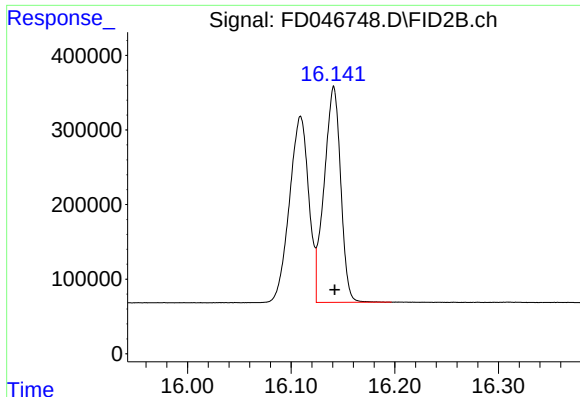
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 3496455
Conc: 21.73 ug/ml



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

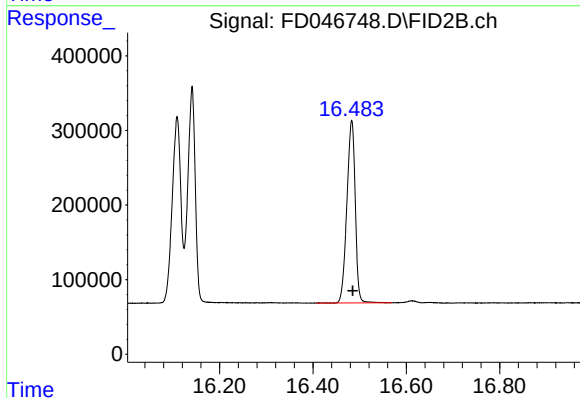
R.T.: 16.109 min
Delta R.T.: -0.001 min
Response: 3216104
Conc: 21.52 ug/ml



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

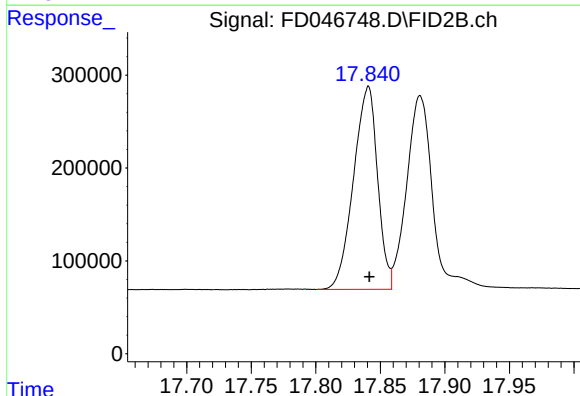
R.T.: 16.141 min
Delta R.T.: -0.001 min
Response: 3212250
Conc: 21.35 ug/ml

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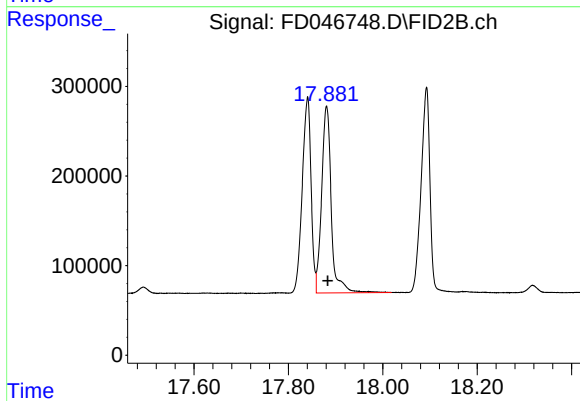
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.002 min
Response: 3045182
Conc: 21.53 ug/ml



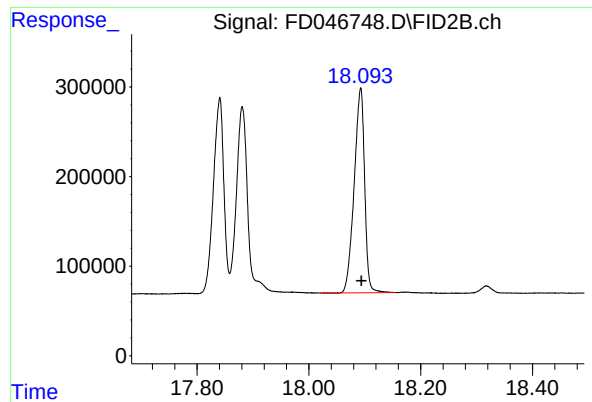
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.001 min
Response: 2833466
Conc: 20.90 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.003 min
Response: 2962157
Conc: 20.96 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.002 min
Response: 2961790
Conc: 21.05 ug/ml

Instrument :

FID_D

ClientSampleId :

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