

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047807.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 21:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 22 01:20:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.458	2876712	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	8.311	1913469	20.661 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.32%
11) S ortho-Terphenyl (SURR)	11.351	3259638	20.387 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3212589	20.341 ug/ml
2) T Naphthalene (C11.7)	5.795	3339033	20.456 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3364253	20.417 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3336347	20.413 ug/ml
7) T Acenaphthene (C15.5)	8.409	3337528	20.440 ug/ml
8) T Flouorene (C16.55)	9.188	3220234	20.470 ug/ml
9) T Phenanthrene (C19.36)	10.578	3170610	20.561 ug/ml
10) T Anthracene (C19.43)	10.653	3112692	20.705 ug/ml
12) T Fluoranthene (C21.85)	12.385	3112284	20.509 ug/ml
13) T Pyrene (C20.8)	12.680	3090477	20.500 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2832078	20.659 ug/ml
15) T Chrysene (C27.41)	14.591	2994967	20.330 ug/ml
16) T benzo[b]fluoranthene ...	16.097	2895975	20.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	2767618	20.323 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	2839727	20.516 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2326226	20.179 ug/ml
20) T Dibenz[a,h]anthracene...	17.875	2605452	19.539 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	2728705	20.518 ug/ml

(f)=RT Delta > 1/2 Window

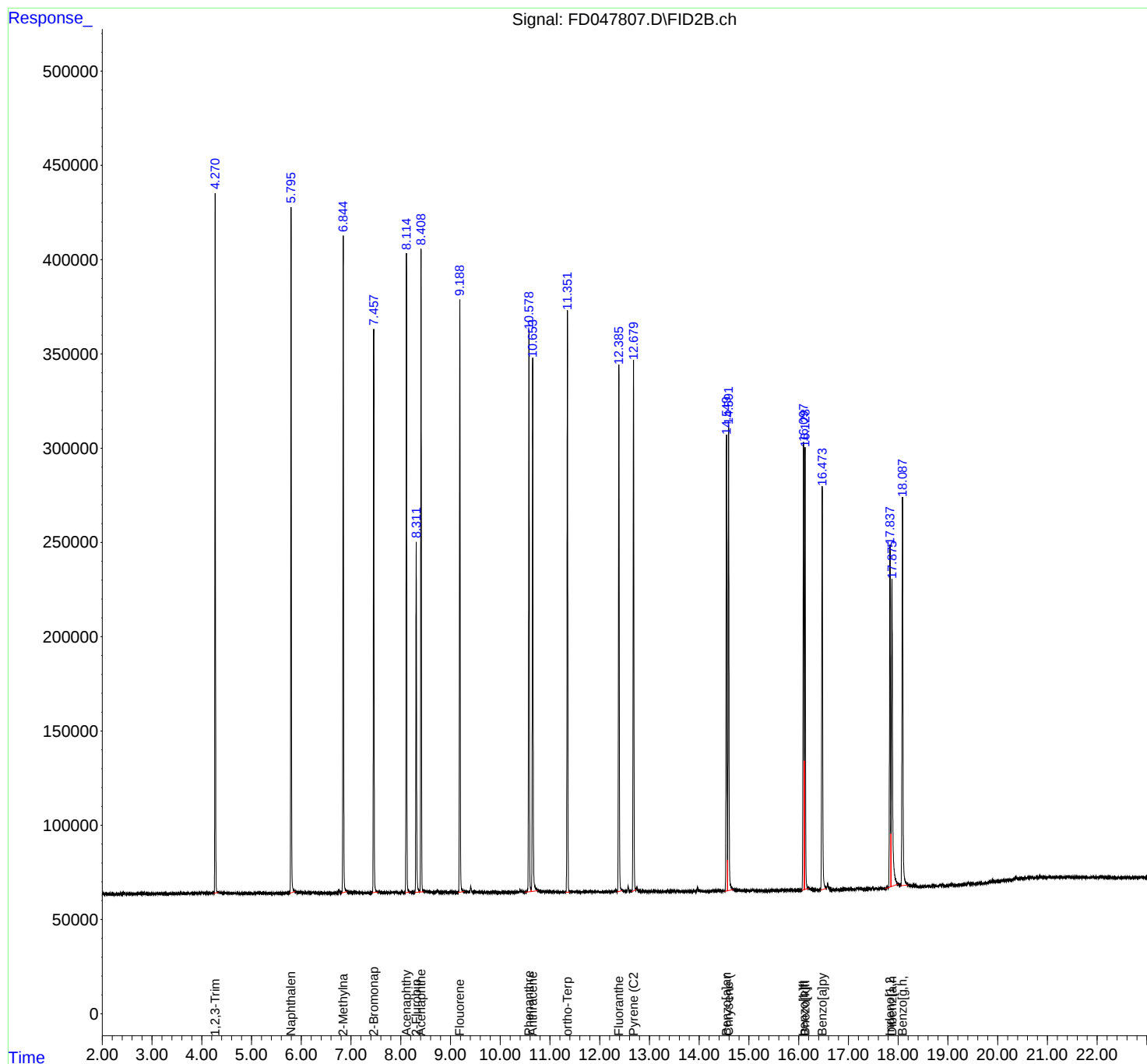
(m)=manual int.

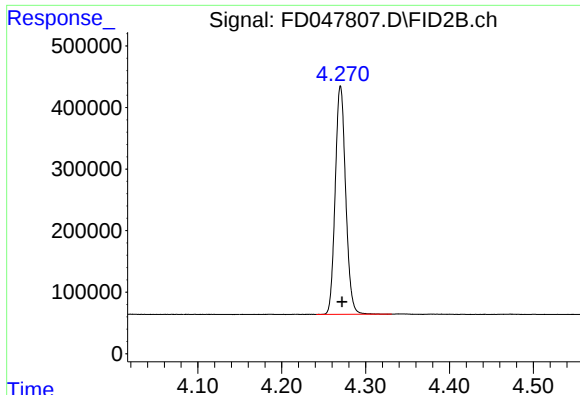
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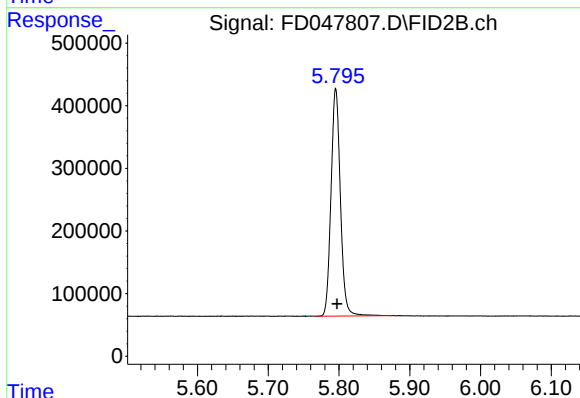




#1 1,2,3-Trimethylbenzene (C10.1)

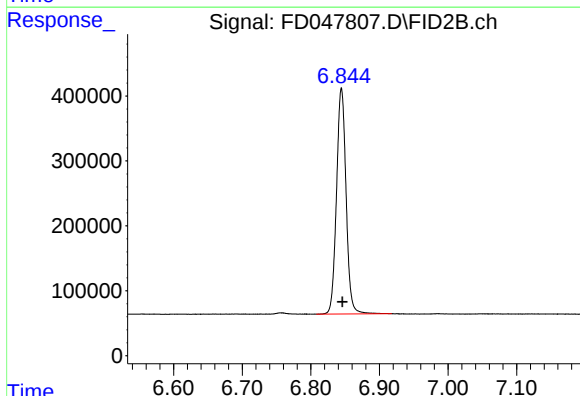
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 3212589
Conc: 20.34 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



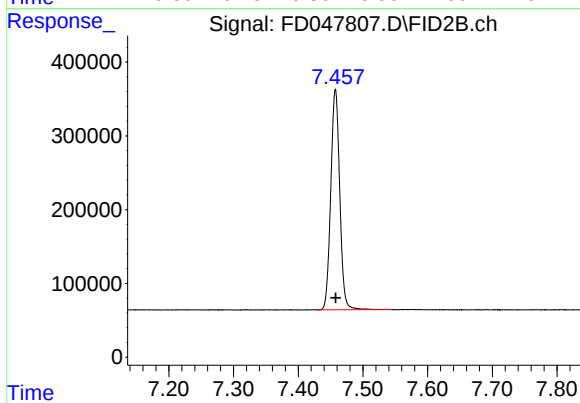
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3339033
Conc: 20.46 ug/ml



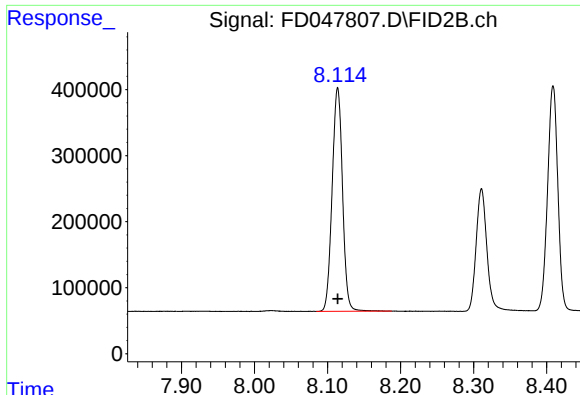
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 3364253
Conc: 20.42 ug/ml



#4 2-Bromonaphthalene (SURR)

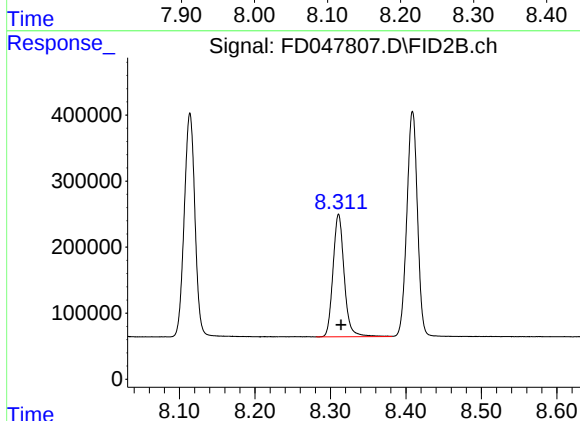
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 2876712
Conc: 20.49 ug/ml



#5 Acenaphthylene (C15.06)

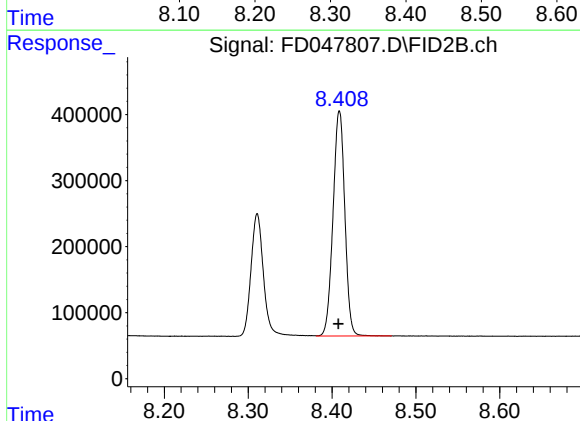
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 3336347
Conc: 20.41 ug/ml

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20 PPM AROMATIC HC STD



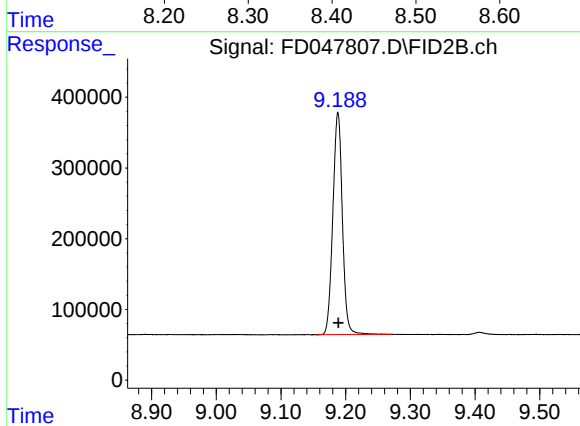
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 1913469
Conc: 20.66 ug/ml



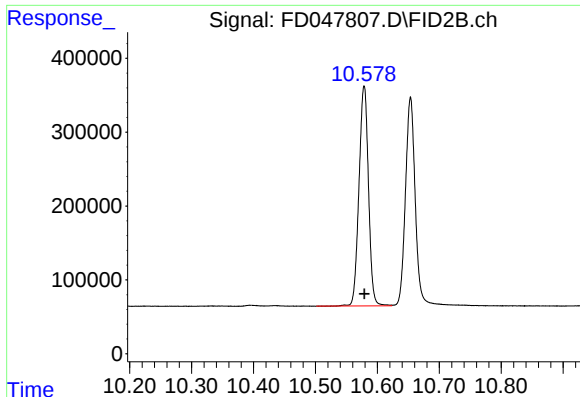
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.001 min
Response: 3337528
Conc: 20.44 ug/ml



#8 Fluorene (C16.55)

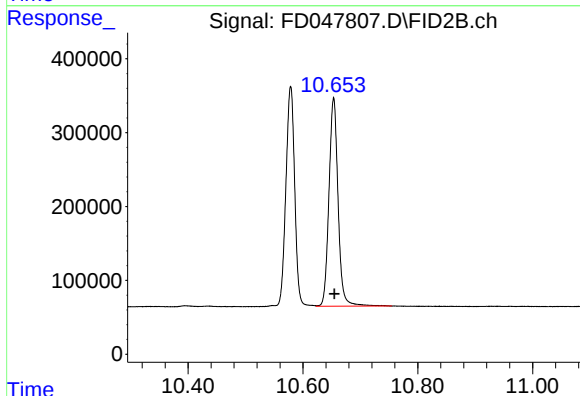
R.T.: 9.188 min
Delta R.T.: -0.001 min
Response: 3220234
Conc: 20.47 ug/ml



#9 Phenanthrene (C19.36)

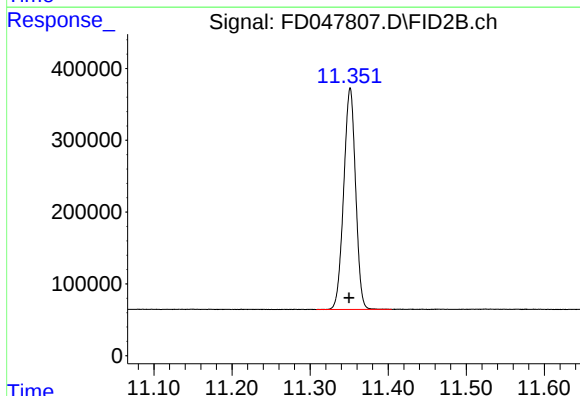
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 3170610
Conc: 20.56 ug/ml

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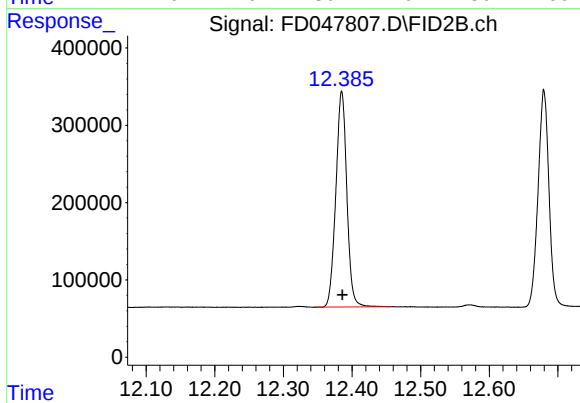
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: -0.001 min
Response: 3112692
Conc: 20.71 ug/ml



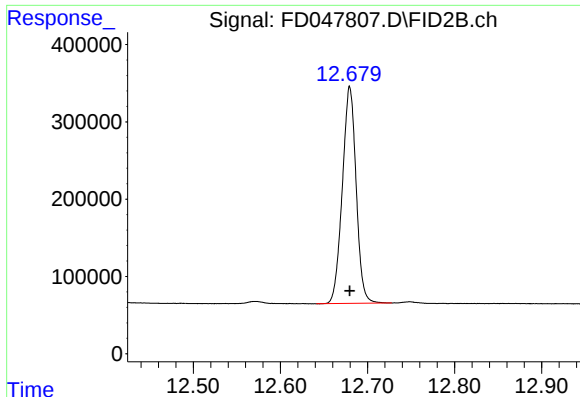
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.001 min
Response: 3259638
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

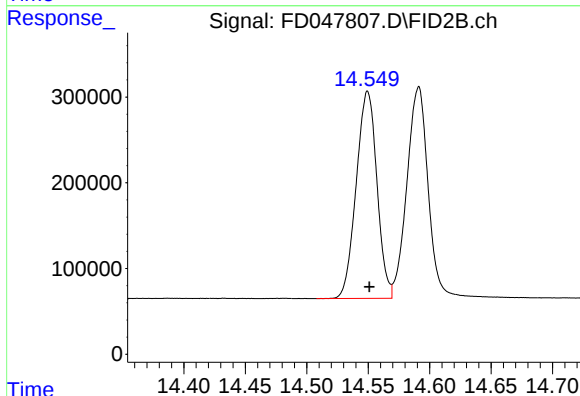
R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 3112284
Conc: 20.51 ug/ml



#13 Pyrene (C20.8)

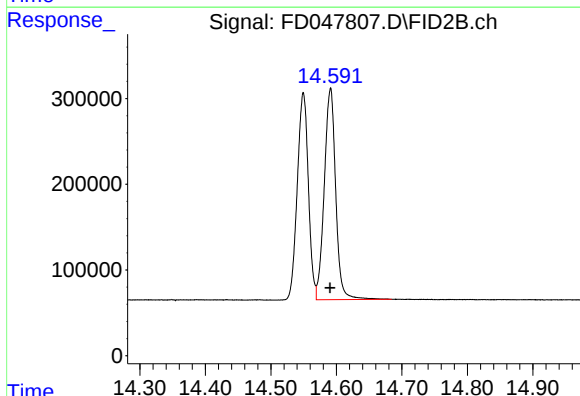
R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 3090477
Conc: 20.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



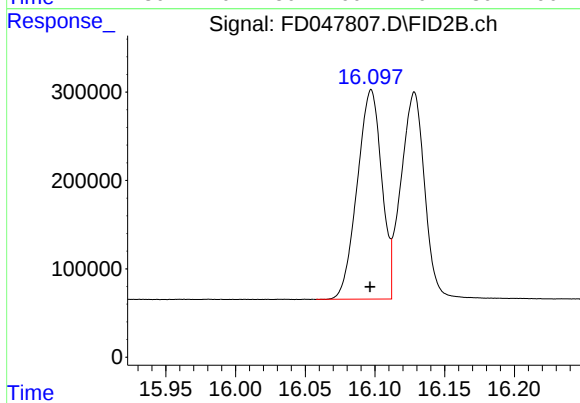
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: -0.001 min
Response: 2832078
Conc: 20.66 ug/ml



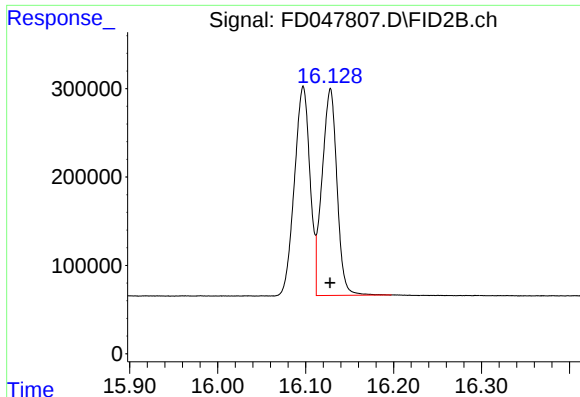
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.000 min
Response: 2994967
Conc: 20.33 ug/ml



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

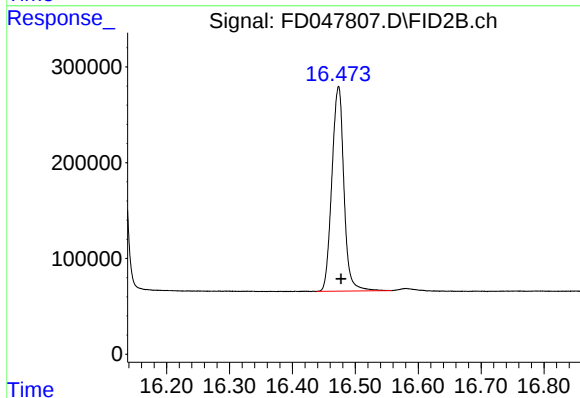
R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 2895975
Conc: 20.58 ug/ml



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

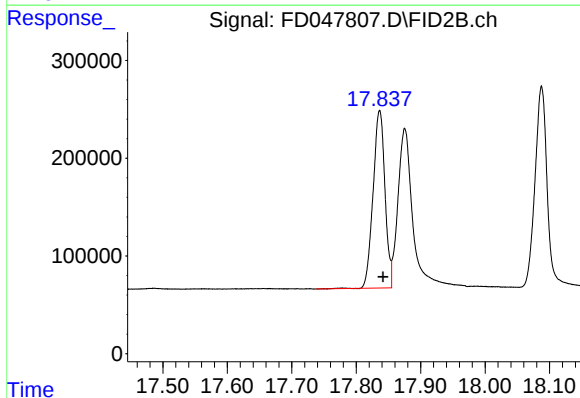
R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2767618
Conc: 20.32 ug/ml

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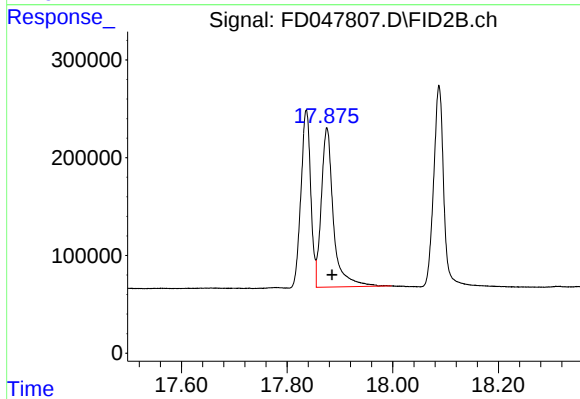
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: -0.004 min
Response: 2839727
Conc: 20.52 ug/ml



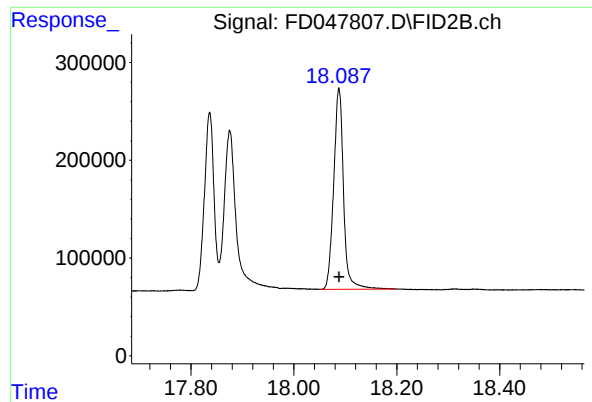
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: -0.005 min
Response: 2326226
Conc: 20.18 ug/ml



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

R.T.: 17.875 min
Delta R.T.: -0.009 min
Response: 2605452
Conc: 19.54 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 2728705
Conc: 20.52 ug/ml

Instrument :

FID_D

ClientSampleId :

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