

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048228.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 18:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 13 01:26:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.397	2898924	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
6) S 2-Fluorobiphenyl (SURR)	8.248	1898105	19.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.66%
11) S ortho-Terphenyl (SURR)	11.284	3277712	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.217	3330025	19.536 ug/ml
2) T Naphthalene (C11.7)	5.737	3421009	19.633 ug/ml
3) T 2-Methylnaphthalene (...)	6.783	3412823	19.625 ug/ml
5) T Acenaphthylene (C15.06)	8.050	3349819	19.455 ug/ml
7) T Acenaphthene (C15.5)	8.345	3388411	19.569 ug/ml
8) T Fluorene (C16.55)	9.123	3239324	19.643 ug/ml
9) T Phenanthrene (C19.36)	10.511	3125520	19.529 ug/ml
10) T Anthracene (C19.43)	10.586	3027410	19.300 ug/ml
12) T Fluoranthene (C21.85)	12.315	3098797	19.463 ug/ml
13) T Pyrene (C20.8)	12.608	3080281	19.627 ug/ml
14) T Benzo[a]anthracene (C...	14.477	2770737	19.670 ug/ml
15) T Chrysene (C27.41)	14.518	3057480	19.181 ug/ml
16) T benzo[b]fluoranthene ...	16.023	2910573	19.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.055	2868021	19.333 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.399	2883966	19.583 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	2363784	19.338 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	2948118	19.299 ug/ml
21) T Benzo[g,h,i]perylene ...	18.011	2906684	19.248 ug/ml

(f)=RT Delta > 1/2 Window

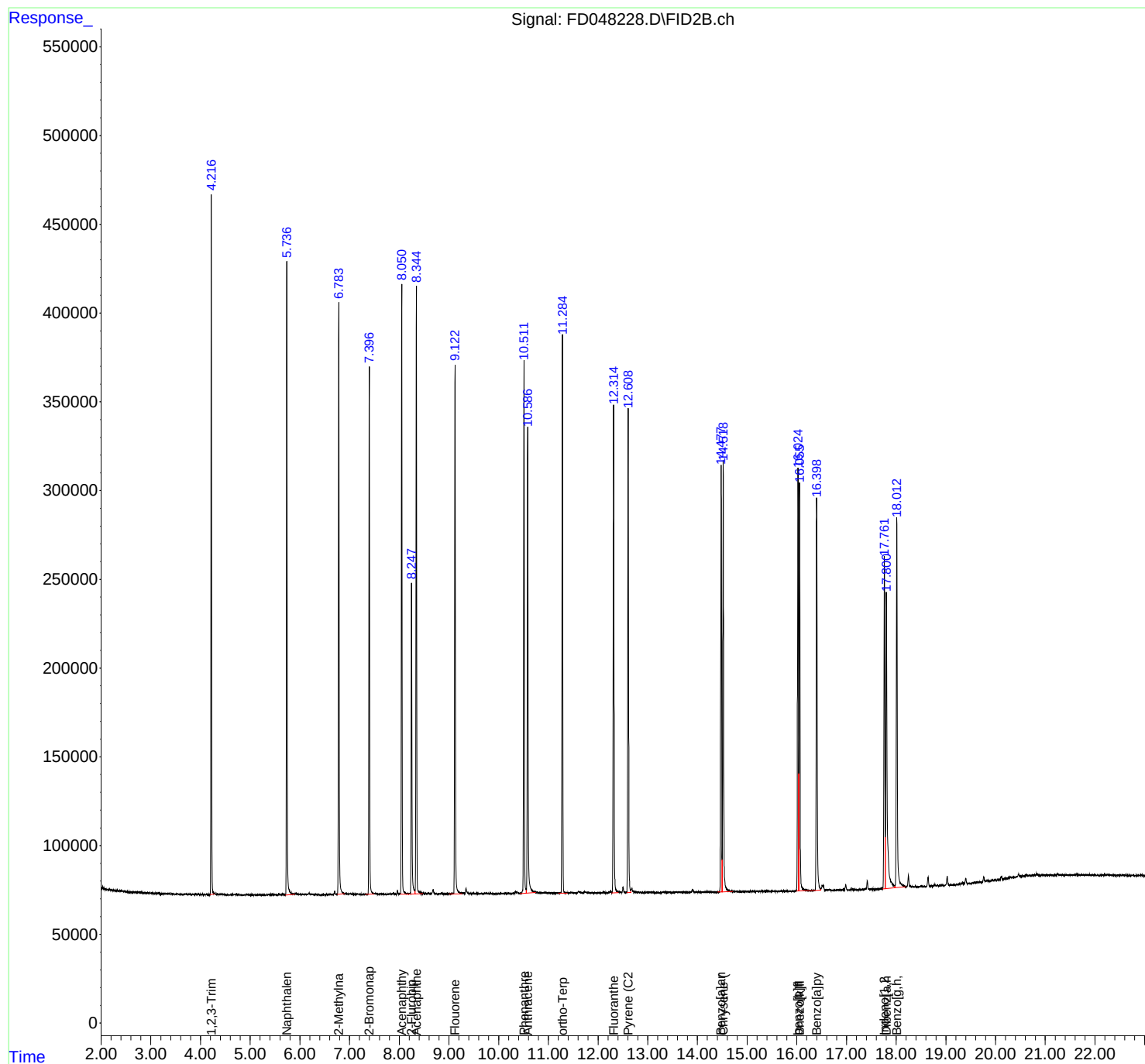
(m)=manual int.

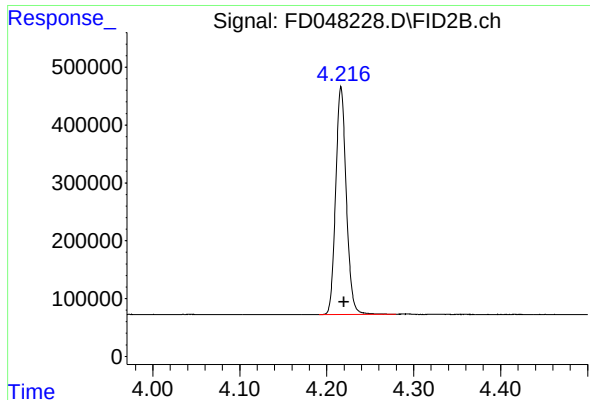
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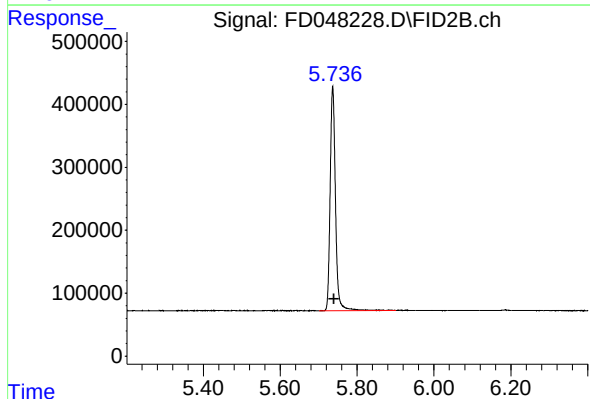




#1 1,2,3-Trimethylbenzene (C10.1)

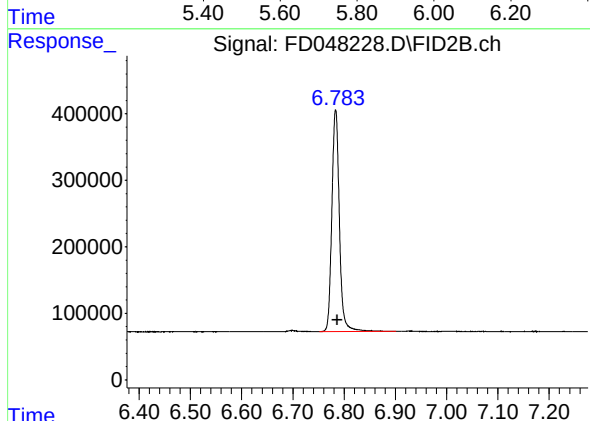
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 3330025
Conc: 19.54 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



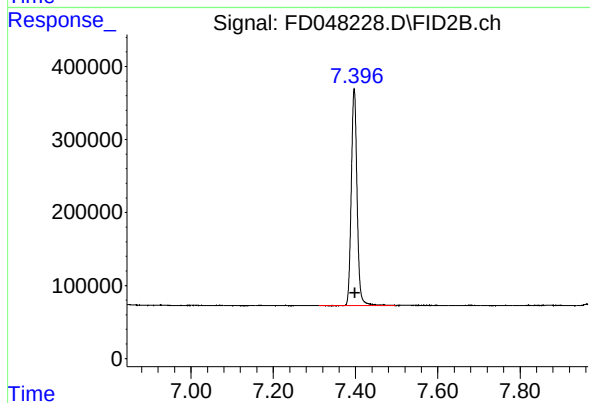
#2 Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: -0.003 min
Response: 3421009
Conc: 19.63 ug/ml



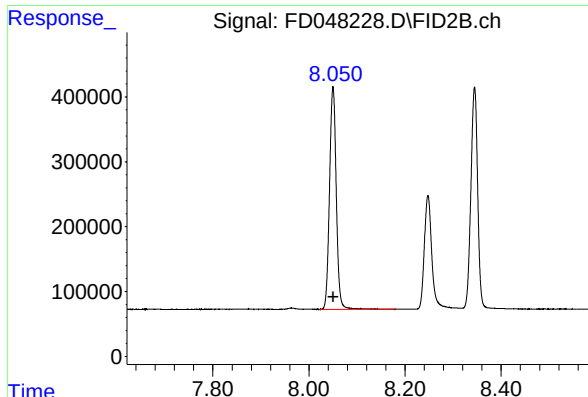
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 3412823
Conc: 19.62 ug/ml



#4 2-Bromonaphthalene (SURR)

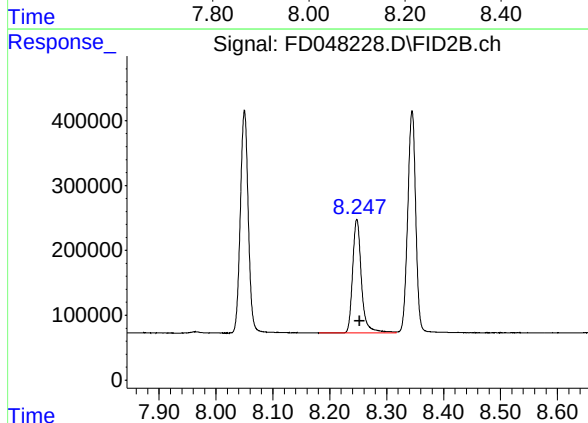
R.T.: 7.397 min
Delta R.T.: -0.002 min
Response: 2898924
Conc: 19.42 ug/ml



#5 Acenaphthylene (C15.06)

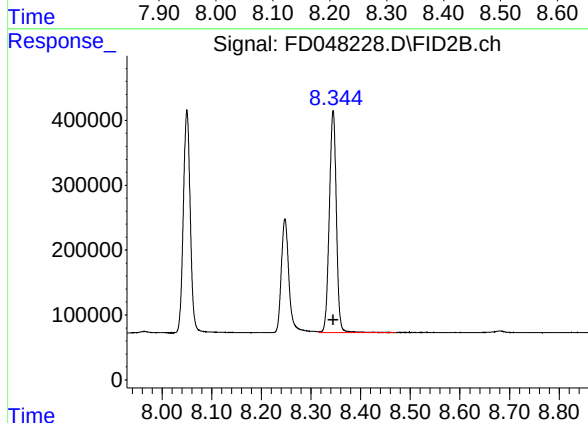
R.T.: 8.050 min
Delta R.T.: -0.001 min
Response: 3349819
Conc: 19.46 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



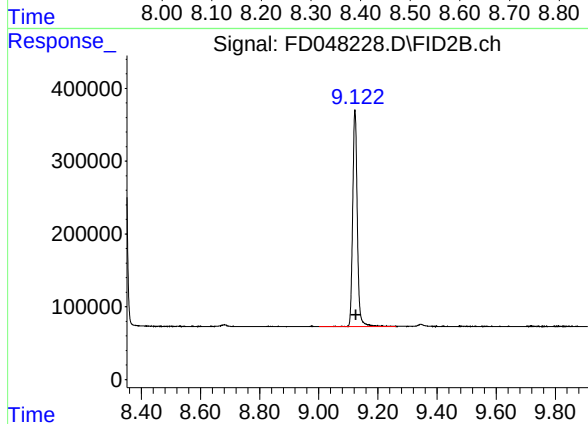
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.248 min
Delta R.T.: -0.005 min
Response: 1898105
Conc: 19.83 ug/ml



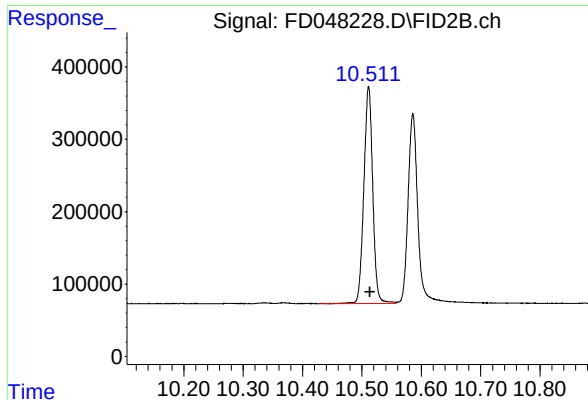
#7 Acenaphthene (C15.5)

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 3388411
Conc: 19.57 ug/ml



#8 Flouorene (C16.55)

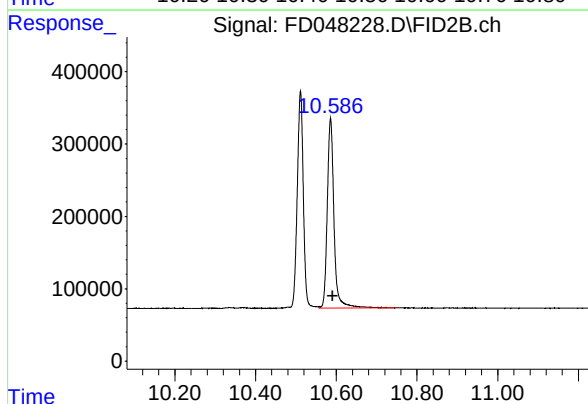
R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 3239324
Conc: 19.64 ug/ml



#9 Phenanthrene (C19.36)

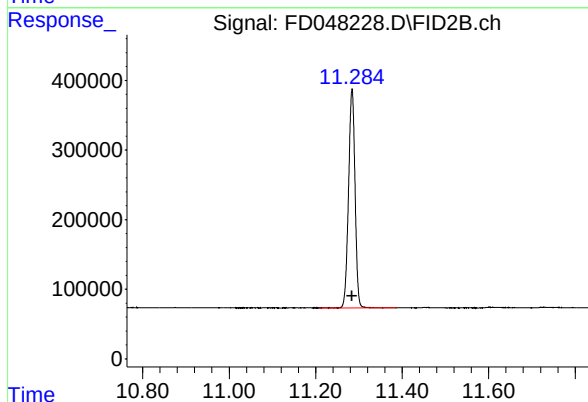
R.T.: 10.511 min
Delta R.T.: -0.003 min
Response: 3125520
Conc: 19.53 ug/ml

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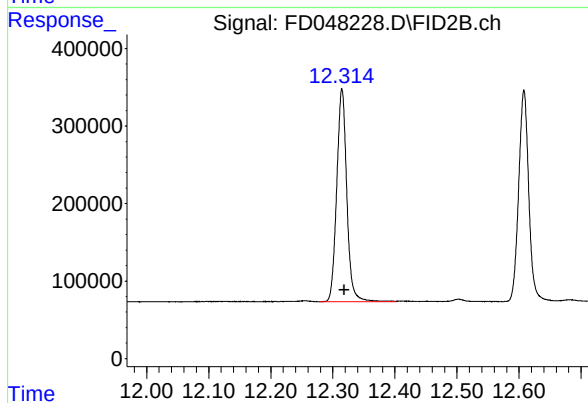
#10 Anthracene (C19.43)

R.T.: 10.586 min
Delta R.T.: -0.005 min
Response: 3027410
Conc: 19.30 ug/ml



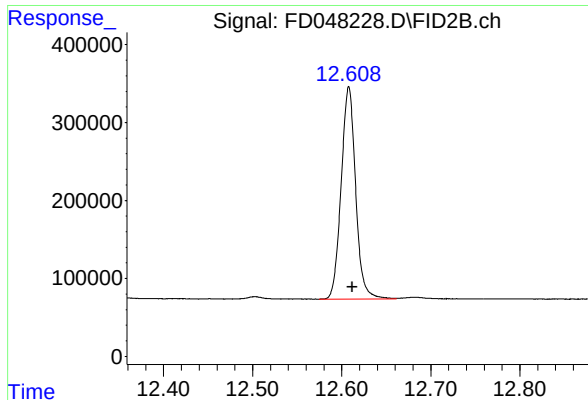
#11 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 3277712
Conc: 19.46 ug/ml



#12 Fluoranthene (C21.85)

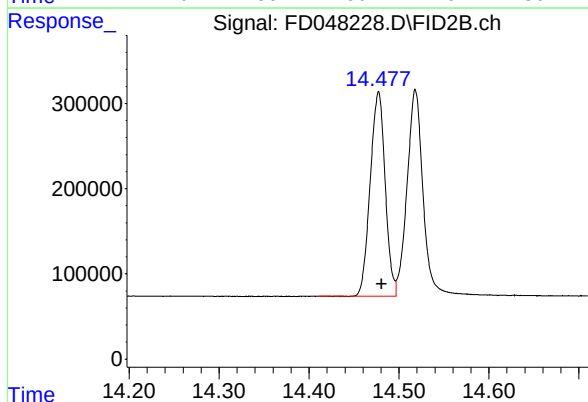
R.T.: 12.315 min
Delta R.T.: -0.004 min
Response: 3098797
Conc: 19.46 ug/ml



#13 Pyrene (C20.8)

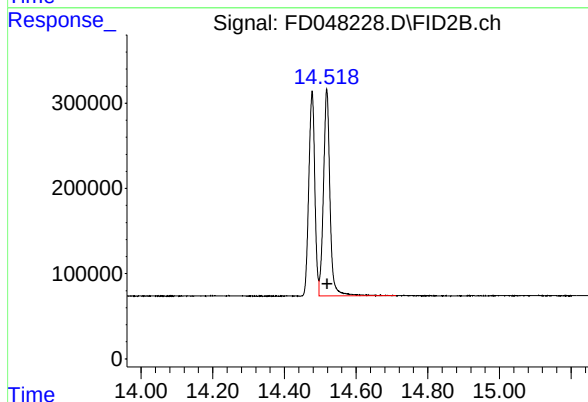
R.T.: 12.608 min
Delta R.T.: -0.004 min
Response: 3080281
Conc: 19.63 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



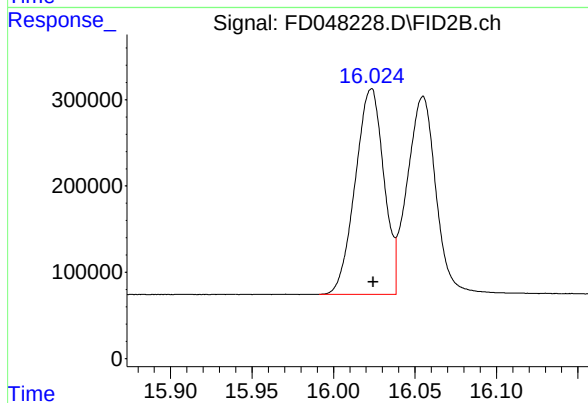
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: -0.004 min
Response: 2770737
Conc: 19.67 ug/ml



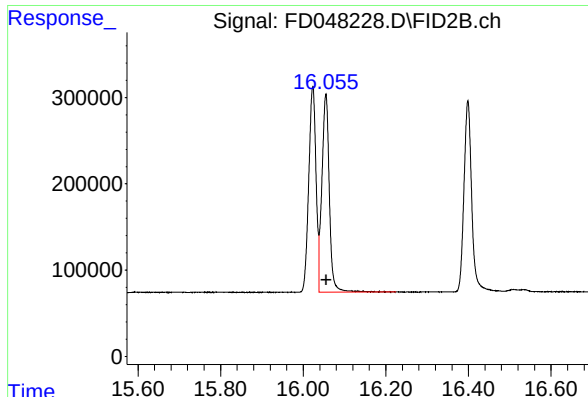
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: -0.002 min
Response: 3057480
Conc: 19.18 ug/ml



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

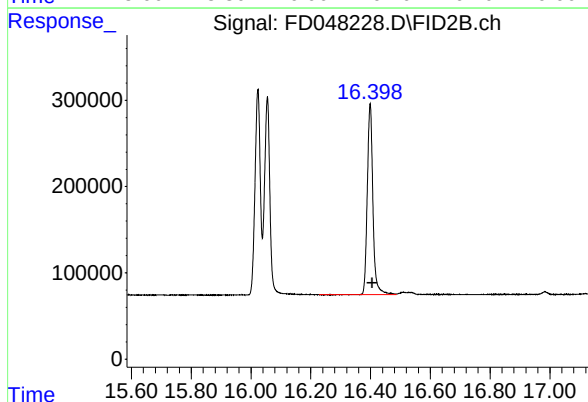
R.T.: 16.023 min
Delta R.T.: -0.001 min
Response: 2910573
Conc: 19.60 ug/ml



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

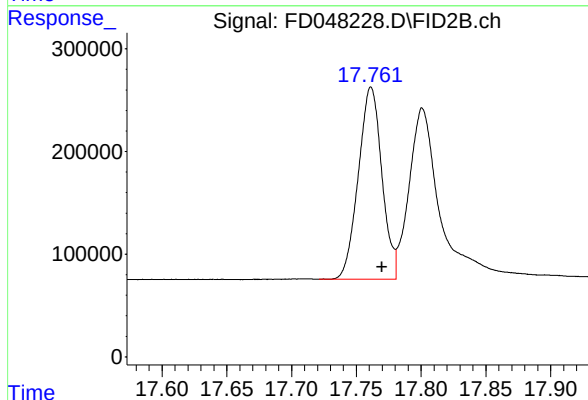
R.T.: 16.055 min
Delta R.T.: -0.001 min
Response: 2868021
Conc: 19.33 ug/ml

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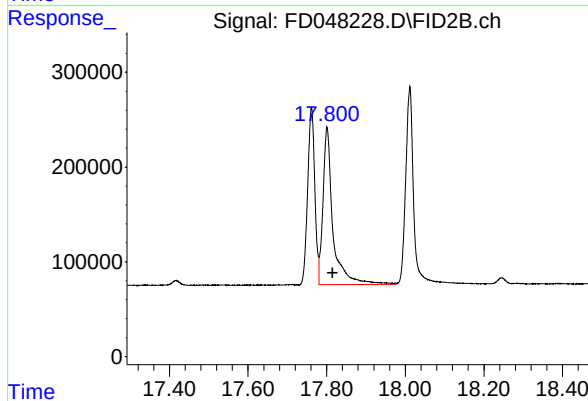
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.399 min
Delta R.T.: -0.008 min
Response: 2883966
Conc: 19.58 ug/ml



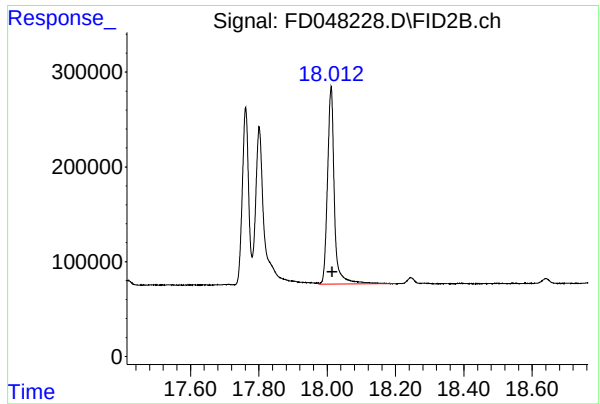
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: -0.009 min
Response: 2363784
Conc: 19.34 ug/ml



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

R.T.: 17.801 min
Delta R.T.: -0.014 min
Response: 2948118
Conc: 19.30 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.004 min
Response: 2906684
Conc: 19.25 ug/ml

Instrument :

FID_D

ClientSampleId :

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