

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050324AR\
 Data File : FD047634.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2024 07:12
 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: sample.E
 Quant Time: May 03 13:30:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.460	3302129	21.056 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
6) S 2-Fluorobiphenyl (SURR)	8.314	2226263	21.283 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.57%
11) S ortho-Terphenyl (SURR)	11.352	3915808	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	3404477	21.057 ug/ml
2) T Naphthalene (C11.7)	5.799	3580555	21.161 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3640583	21.372 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3344389	20.507 ug/ml
7) T Acenaphthene (C15.5)	8.412	3587080	21.339 ug/ml
8) T Flouorene (C16.55)	9.191	3509535	21.098 ug/ml
9) T Phenanthrene (C19.36)	10.580	3466412	21.173 ug/ml
10) T Anthracene (C19.43)	10.654	2833172	18.915 ug/ml
12) T Fluoranthene (C21.85)	12.385	3503552	21.114 ug/ml
13) T Pyrene (C20.8)	12.680	3373709	20.734 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2990468	20.486 ug/ml
15) T Chrysene (C27.41)	14.590	3184073	20.205 ug/ml
16) T benzo[b]fluoranthene ...	16.094	3073275	20.577 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	3159877	20.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2913367	20.191 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	2774550	20.443 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	3125269	21.828 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	2913413	21.220 ug/ml

(f)=RT Delta > 1/2 Window

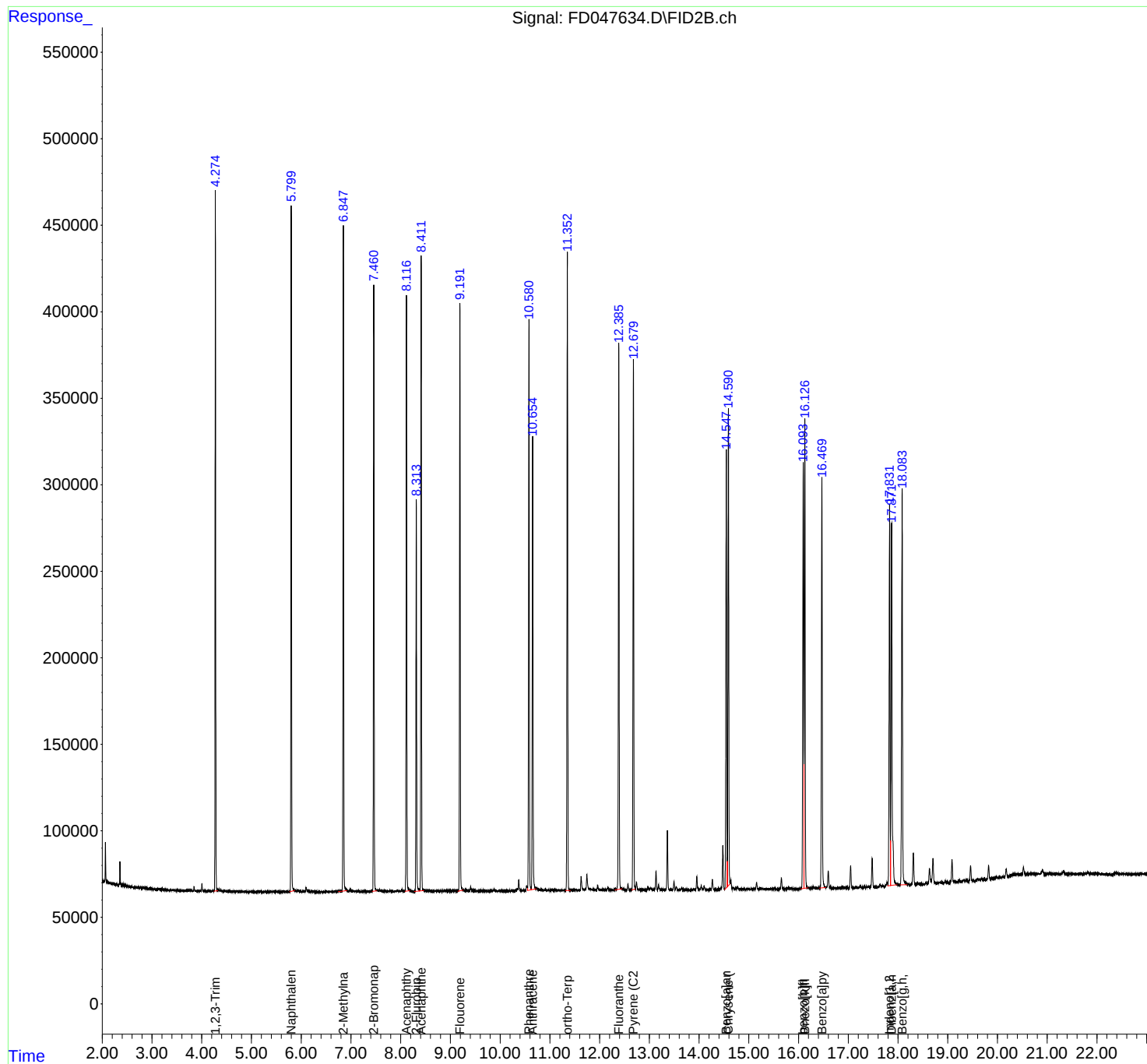
(m)=manual int.

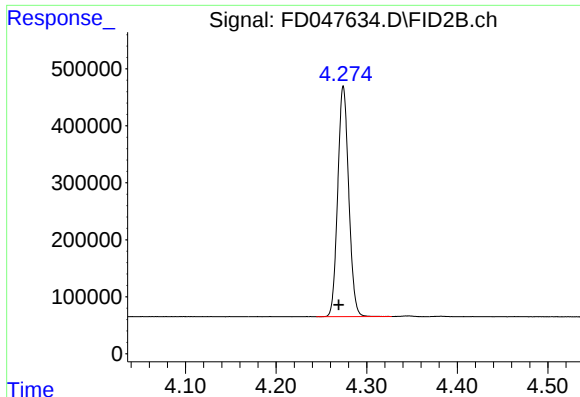
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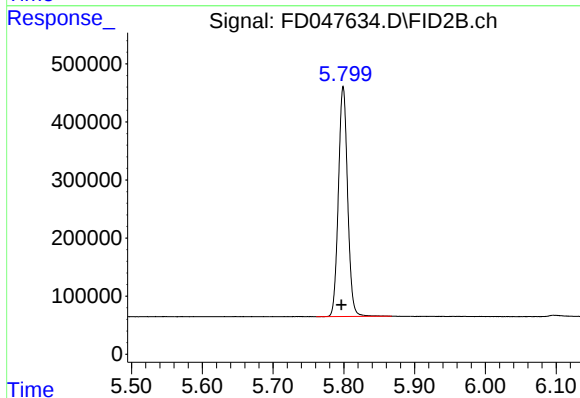




#1 1,2,3-Trimethylbenzene (C10.1)

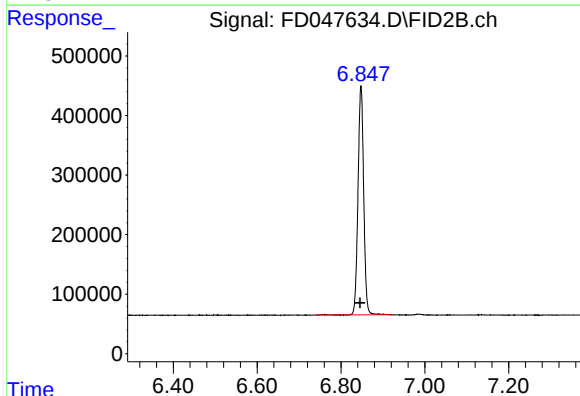
R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 3404477
Conc: 21.06 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



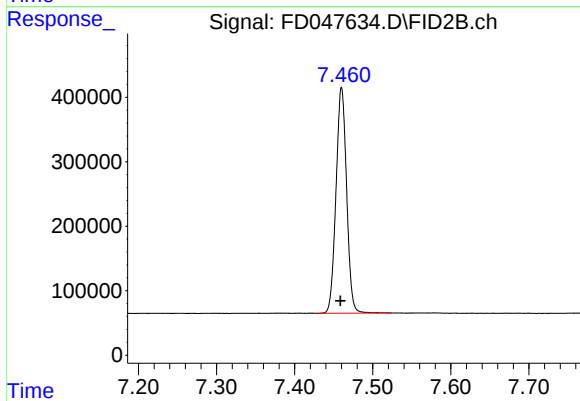
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3580555
Conc: 21.16 ug/ml



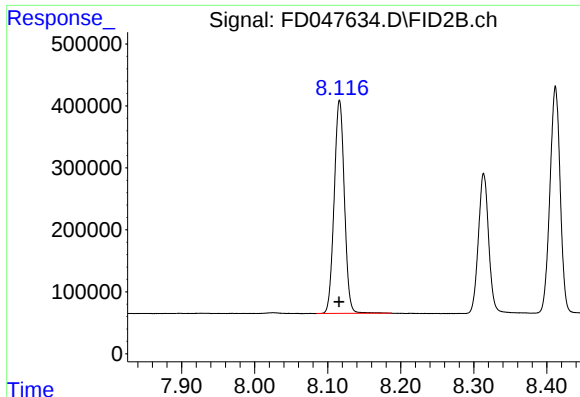
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 3640583
Conc: 21.37 ug/ml



#4 2-Bromonaphthalene (SURR)

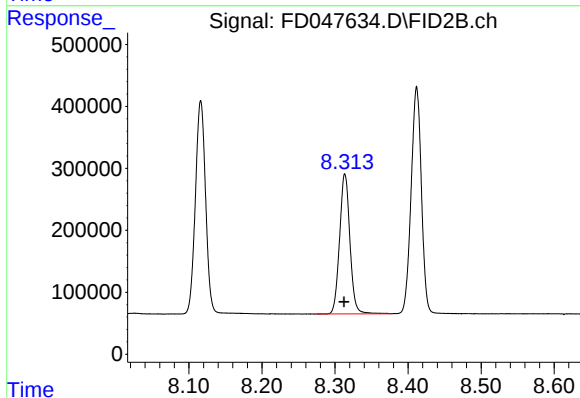
R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 3302129
Conc: 21.06 ug/ml



#5 Acenaphthylene (C15.06)

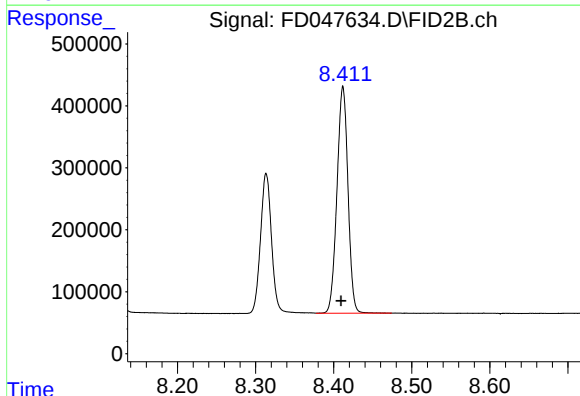
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3344389
Conc: 20.51 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



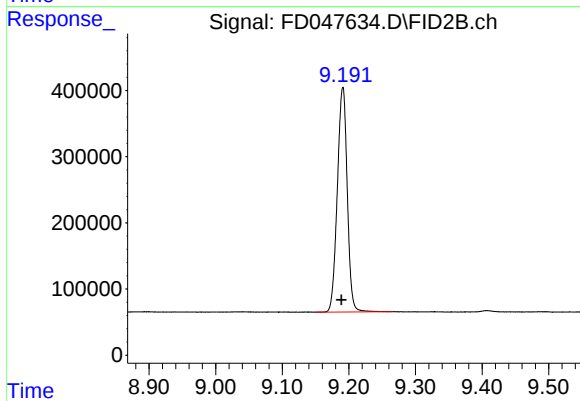
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.001 min
Response: 2226263
Conc: 21.28 ug/ml



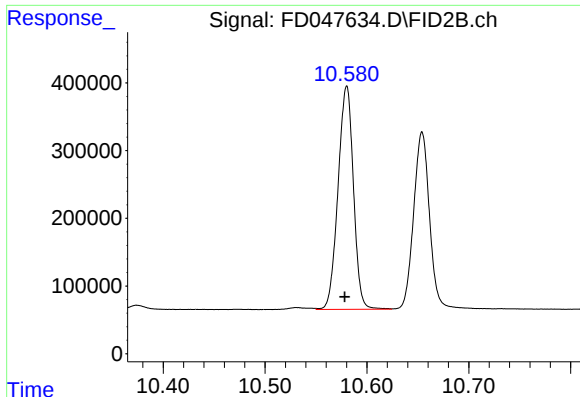
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.002 min
Response: 3587080
Conc: 21.34 ug/ml



#8 Flouorene (C16.55)

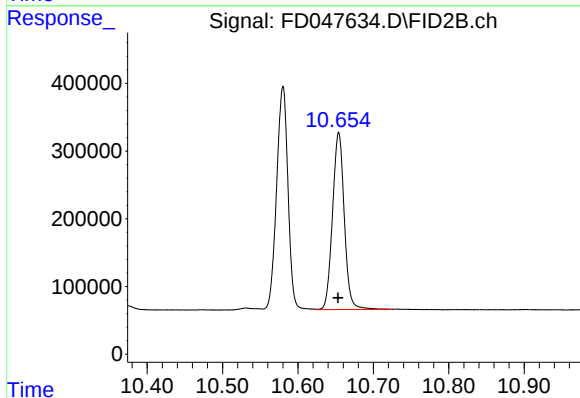
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3509535
Conc: 21.10 ug/ml



#9 Phenanthrene (C19.36)

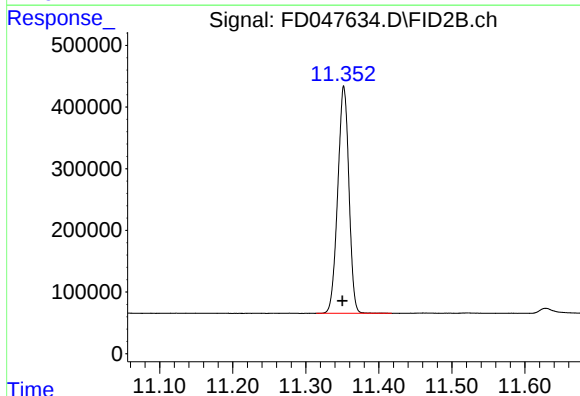
R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 3466412
Conc: 21.17 ug/ml

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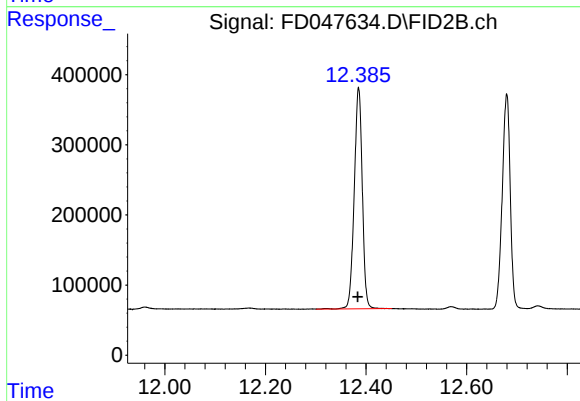
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 2833172
Conc: 18.91 ug/ml



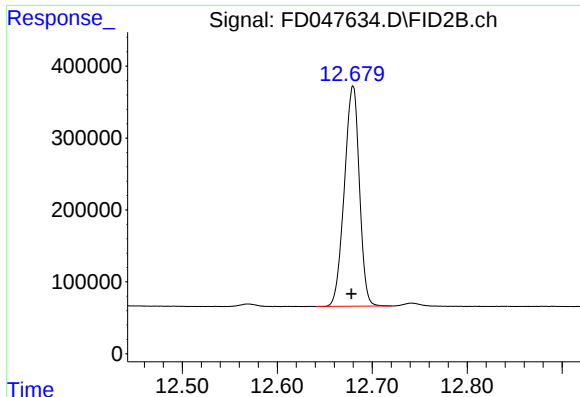
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 3915808
Conc: 20.88 ug/ml



#12 Fluoranthene (C21.85)

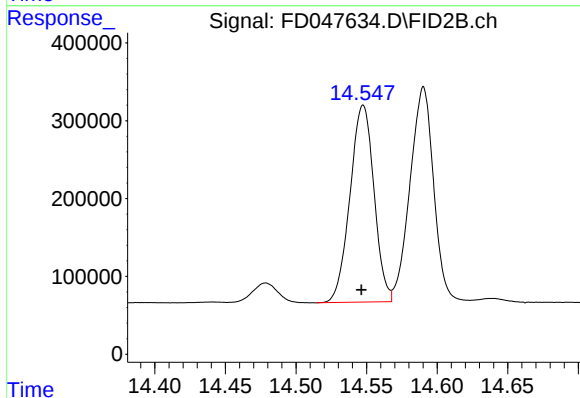
R.T.: 12.385 min
Delta R.T.: 0.002 min
Response: 3503552
Conc: 21.11 ug/ml



#13 Pyrene (C20.8)

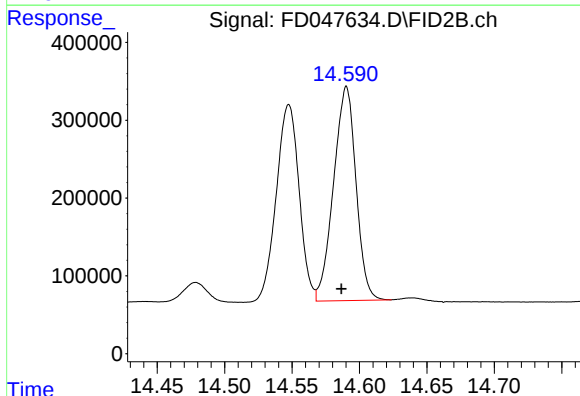
R.T.: 12.680 min
Delta R.T.: 0.001 min
Response: 3373709
Conc: 20.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



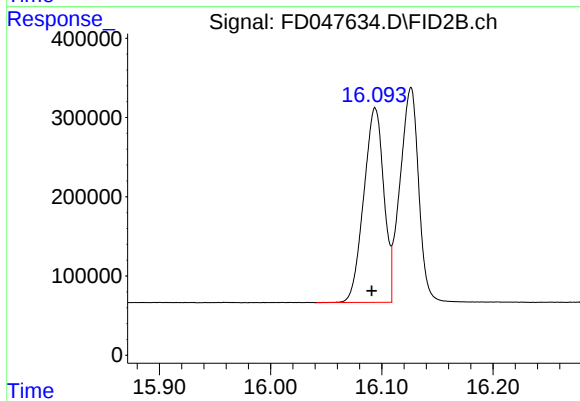
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.001 min
Response: 2990468
Conc: 20.49 ug/ml



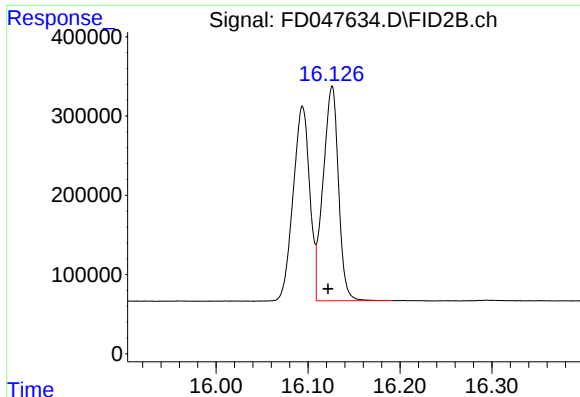
#15 Chrysene (C27.41)

R.T.: 14.590 min
Delta R.T.: 0.003 min
Response: 3184073
Conc: 20.21 ug/ml



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

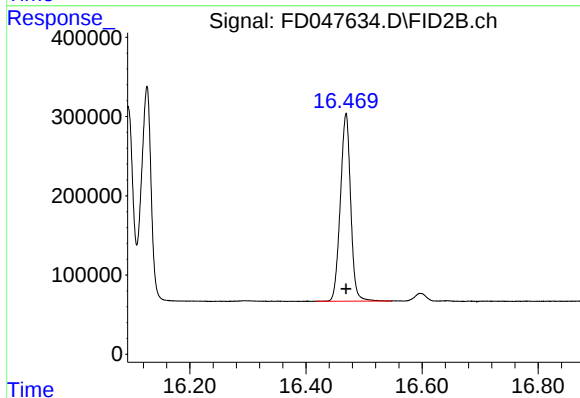
R.T.: 16.094 min
Delta R.T.: 0.003 min
Response: 3073275
Conc: 20.58 ug/ml



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

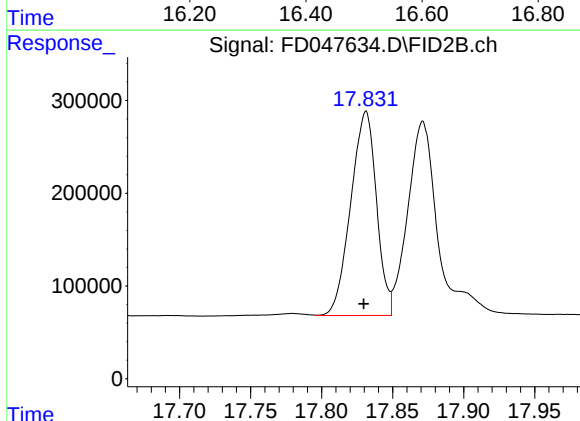
R.T.: 16.126 min
Delta R.T.: 0.004 min
Response: 3159877
Conc: 20.99 ug/ml

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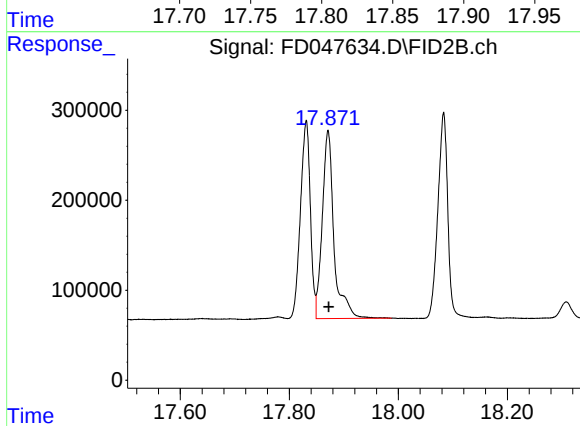
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2913367
Conc: 20.19 ug/ml



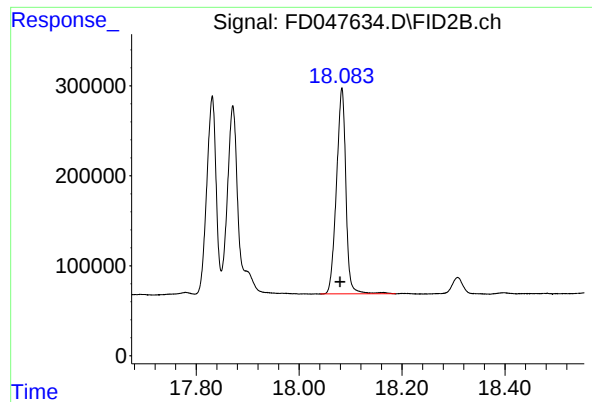
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.001 min
Response: 2774550
Conc: 20.44 ug/ml



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

R.T.: 17.871 min
Delta R.T.: -0.001 min
Response: 3125269
Conc: 21.83 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.003 min
Response: 2913413
Conc: 21.22 ug/ml

Instrument :

FID_D

ClientSampleId :

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