

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040924AR\
 Data File : FD047506.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2024 08:14
 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: Apr 09 12:59:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.456	3138370	20.992 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
6) S 2-Fluorobiphenyl (SURR)	8.308	2078273	21.270 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.54%
11) S ortho-Terphenyl (SURR)	11.344	3624759	21.145 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3283573	20.780 ug/ml
2) T Naphthalene (C11.7)	5.797	3430186	20.962 ug/ml
3) T 2-Methylnaphthalene (...)	6.844	3448578	20.966 ug/ml
5) T Acenaphthylene (C15.06)	8.112	3133186	20.758 ug/ml
7) T Acenaphthene (C15.5)	8.407	3363783	21.002 ug/ml
8) T Flouorene (C16.55)	9.184	3254667	21.038 ug/ml
9) T Phenanthrene (C19.36)	10.572	3164098	21.267 ug/ml
10) T Anthracene (C19.43)	10.647	2567079	18.875 ug/ml
12) T Fluoranthene (C21.85)	12.376	3151036	21.315 ug/ml
13) T Pyrene (C20.8)	12.669	3063845	21.229 ug/ml
14) T Benzo[a]anthracene (C...	14.534	2794770	21.251 ug/ml
15) T Chrysene (C27.41)	14.575	3028597	21.478 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2969565	21.285 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	2986280	21.470 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	2885837	21.018 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	2827649	20.963 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	3004263	22.353 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	2913010	20.989 ug/ml

(f)=RT Delta > 1/2 Window

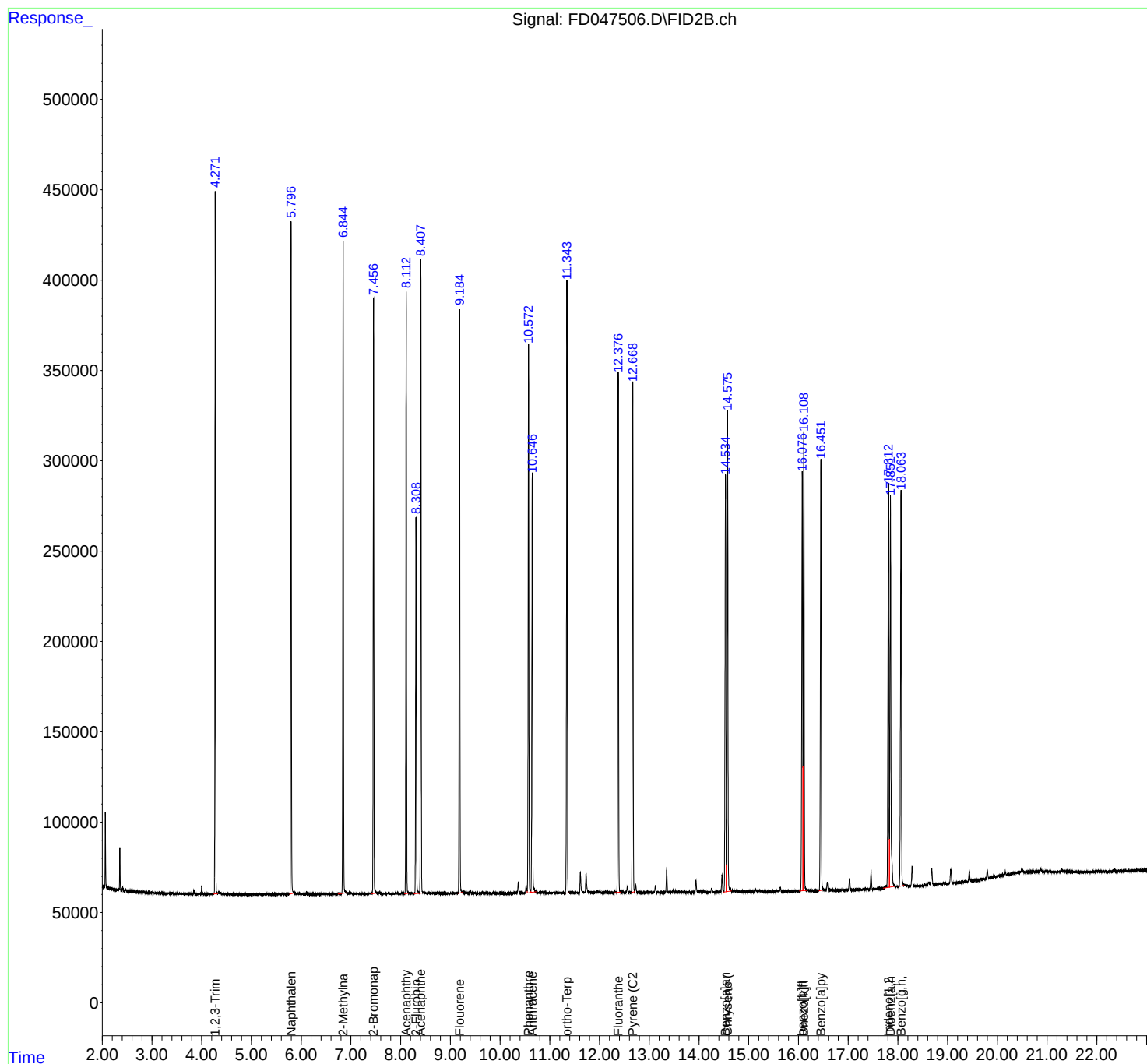
(m)=manual int.

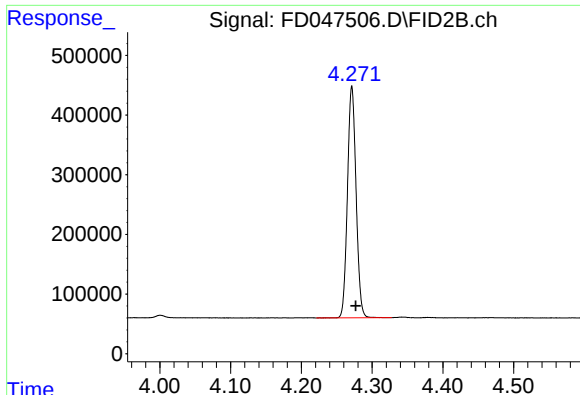
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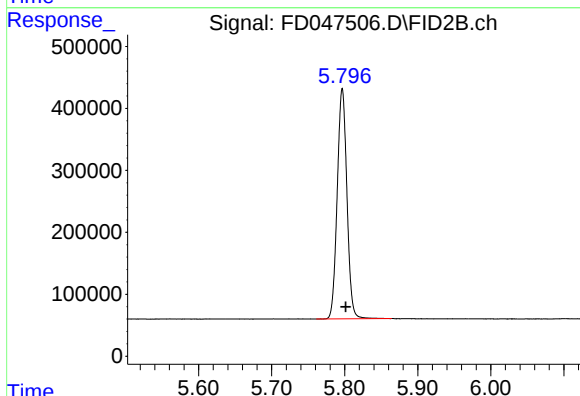




#1 1,2,3-Trimethylbenzene (C10.1)

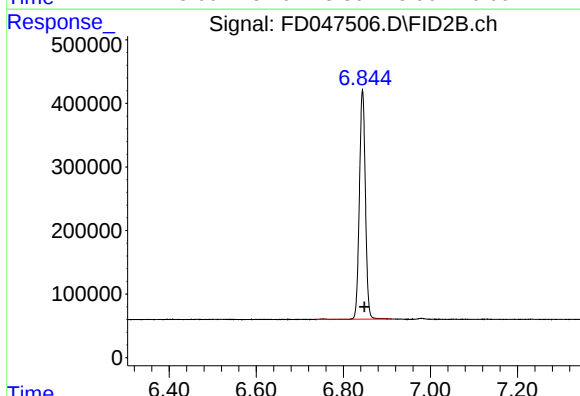
R.T.: 4.271 min
Delta R.T.: -0.006 min
Response: 3283573
Conc: 20.78 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



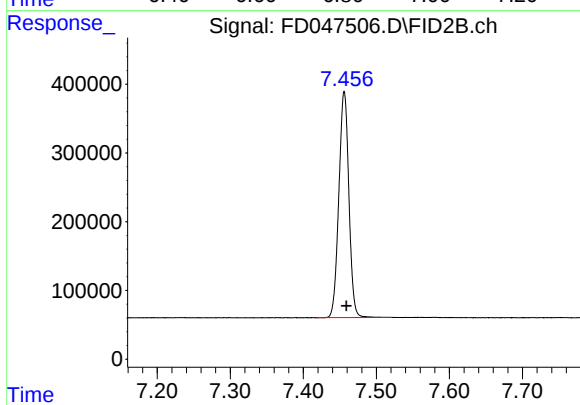
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 3430186
Conc: 20.96 ug/ml



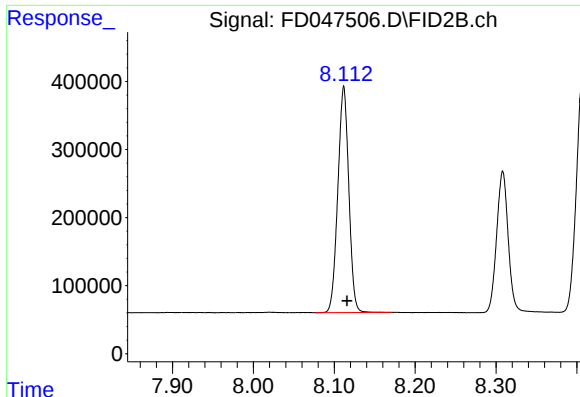
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: -0.004 min
Response: 3448578
Conc: 20.97 ug/ml



#4 2-Bromonaphthalene (SURR)

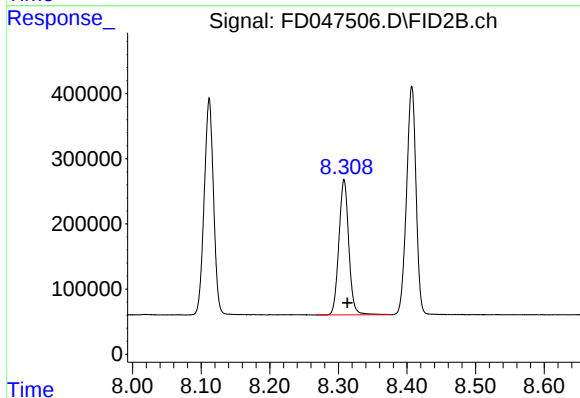
R.T.: 7.456 min
Delta R.T.: -0.003 min
Response: 3138370
Conc: 20.99 ug/ml



#5 Acenaphthylene (C15.06)

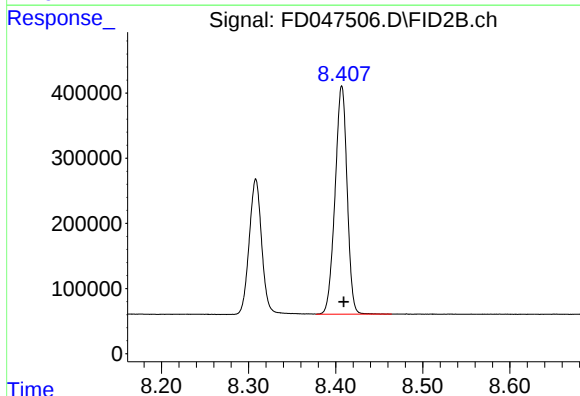
R.T.: 8.112 min
Delta R.T.: -0.004 min
Response: 3133186
Conc: 20.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



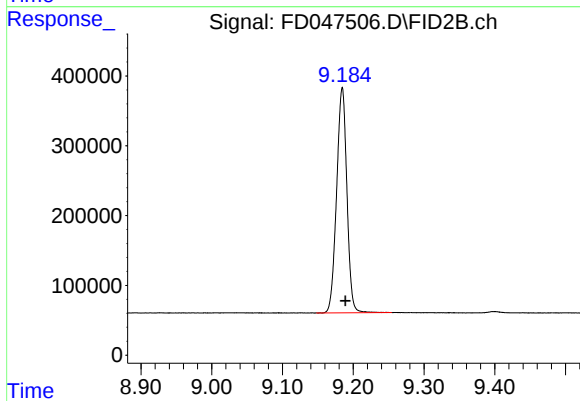
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 2078273
Conc: 21.27 ug/ml



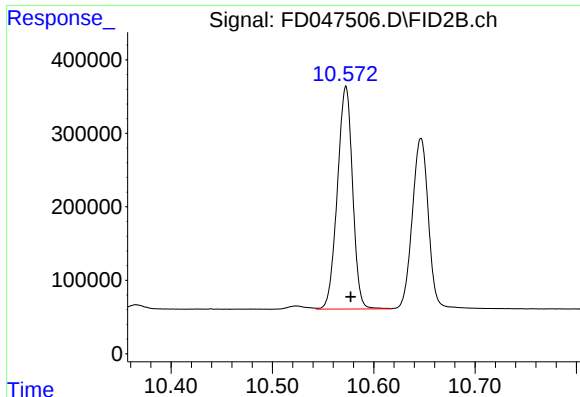
#7 Acenaphthene (C15.5)

R.T.: 8.407 min
Delta R.T.: -0.002 min
Response: 3363783
Conc: 21.00 ug/ml



#8 Fluorene (C16.55)

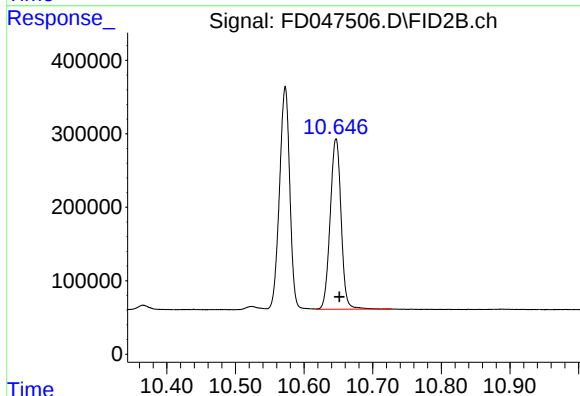
R.T.: 9.184 min
Delta R.T.: -0.004 min
Response: 3254667
Conc: 21.04 ug/ml



#9 Phenanthrene (C19.36)

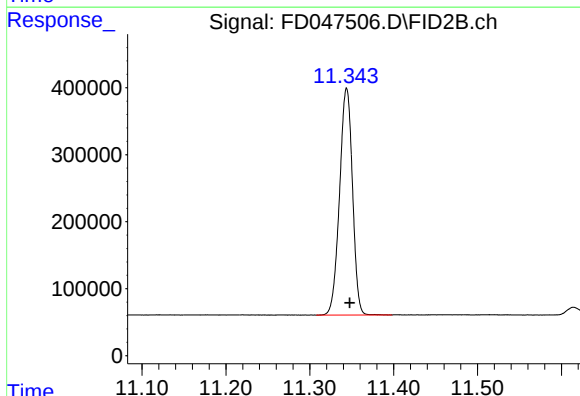
R.T.: 10.572 min
Delta R.T.: -0.005 min
Response: 3164098
Conc: 21.27 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



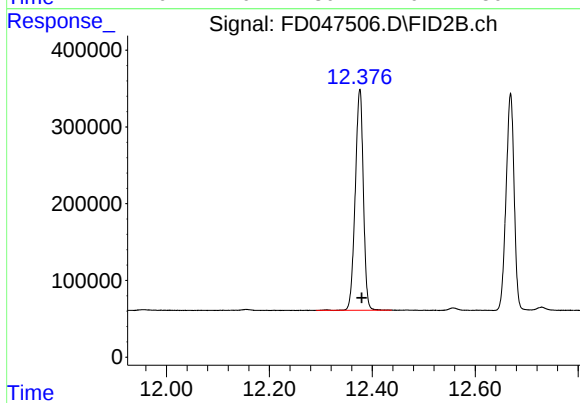
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.005 min
Response: 2567079
Conc: 18.87 ug/ml



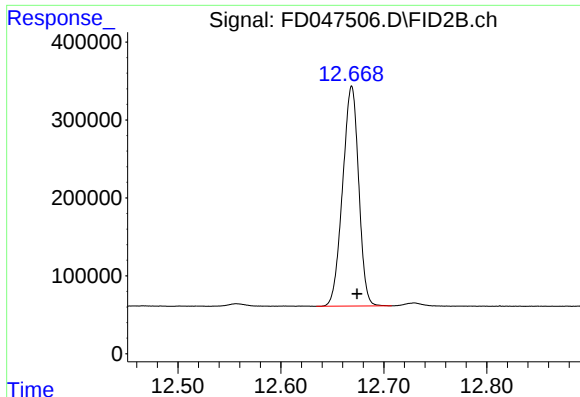
#11 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.004 min
Response: 3624759
Conc: 21.14 ug/ml



#12 Fluoranthene (C21.85)

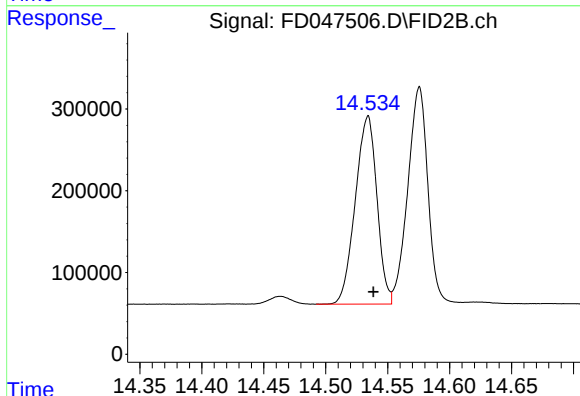
R.T.: 12.376 min
Delta R.T.: -0.004 min
Response: 3151036
Conc: 21.32 ug/ml



#13 Pyrene (C20.8)

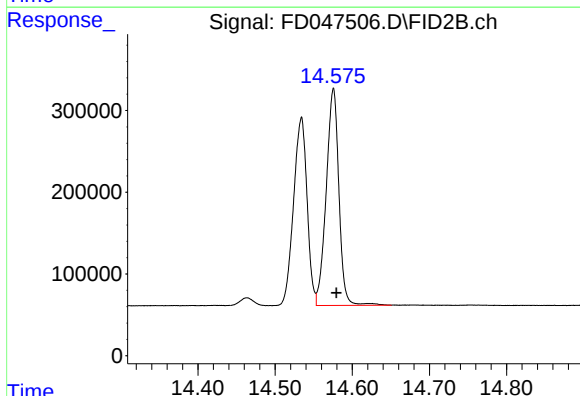
R.T.: 12.669 min
Delta R.T.: -0.005 min
Response: 3063845
Conc: 21.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



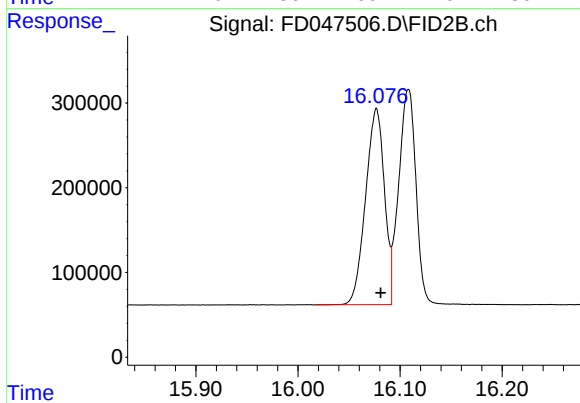
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.005 min
Response: 2794770
Conc: 21.25 ug/ml



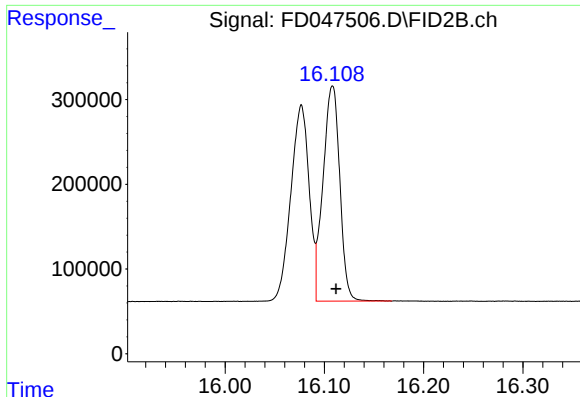
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.004 min
Response: 3028597
Conc: 21.48 ug/ml



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

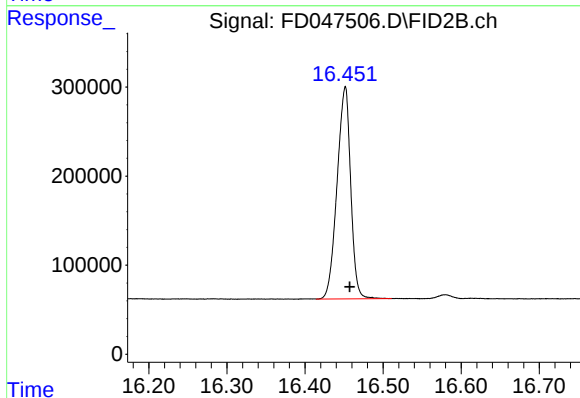
R.T.: 16.077 min
Delta R.T.: -0.004 min
Response: 2969565
Conc: 21.29 ug/ml



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

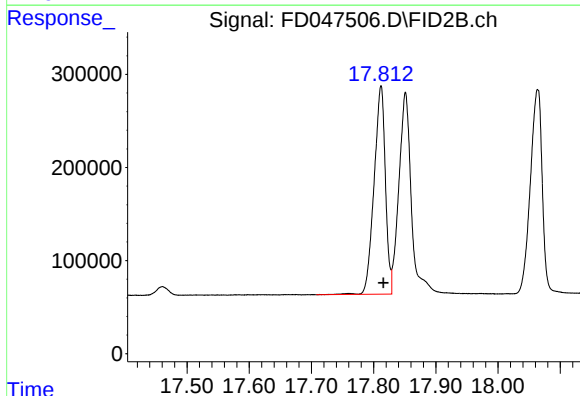
R.T.: 16.108 min
Delta R.T.: -0.004 min
Response: 2986280
Conc: 21.47 ug/ml

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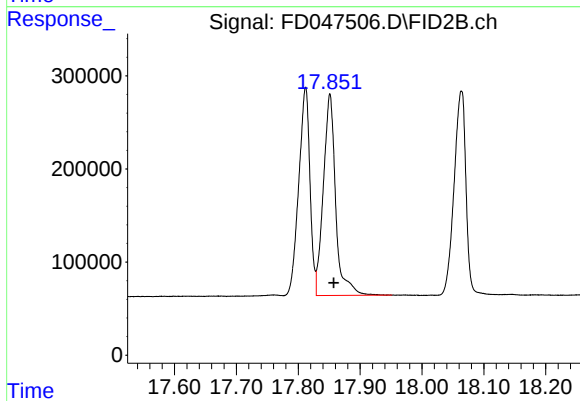
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: -0.007 min
Response: 2885837
Conc: 21.02 ug/ml



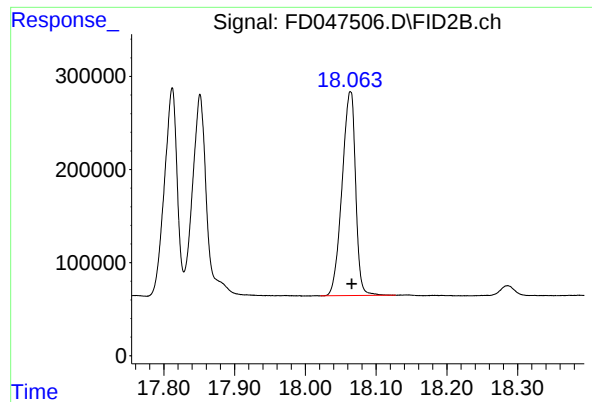
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: -0.004 min
Response: 2827649
Conc: 20.96 ug/ml



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

R.T.: 17.851 min
Delta R.T.: -0.006 min
Response: 3004263
Conc: 22.35 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.002 min
Response: 2913010
Conc: 20.99 ug/ml

Instrument :

FID_D

ClientSampleId :

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