

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047484.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 08:54
 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: Apr 09 01:40:58 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...	7.457	2997304	20.049 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
6) S 2-Fluorobiphenyl (SURR)	8.310	1958113	20.041 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.08%
11) S ortho-Terphenyl (SURR)	11.345	3459678	20.182 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	3260100	20.632 ug/ml
2) T Naphthalene (C11.7)	5.798	3322816	20.306 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	3298084	20.051 ug/ml
5) T Acenaphthylene (C15.06)	8.113	2990800	19.814 ug/ml
7) T Acenaphthene (C15.5)	8.408	3211724	20.053 ug/ml
8) T Flouorene (C16.55)	9.186	3049006	19.709 ug/ml
9) T Phenanthrene (C19.36)	10.574	2965914	19.935 ug/ml
10) T Anthracene (C19.43)	10.648	2390946	17.580 ug/ml
12) T Fluoranthene (C21.85)	12.377	2981355	20.167 ug/ml
13) T Pyrene (C20.8)	12.670	2909794	20.162 ug/ml
14) T Benzo[a]anthracene (C...	14.535	2583508	19.645 ug/ml
15) T Chrysene (C27.41)	14.577	2816762	19.976 ug/ml
16) T benzo[b]fluoranthene ...	16.079	2842315	20.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	2832138	20.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	2752448	20.047 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.813	2681287	19.878 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	2672528	19.885 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	2830655	20.395 ug/ml

(f)=RT Delta > 1/2 Window

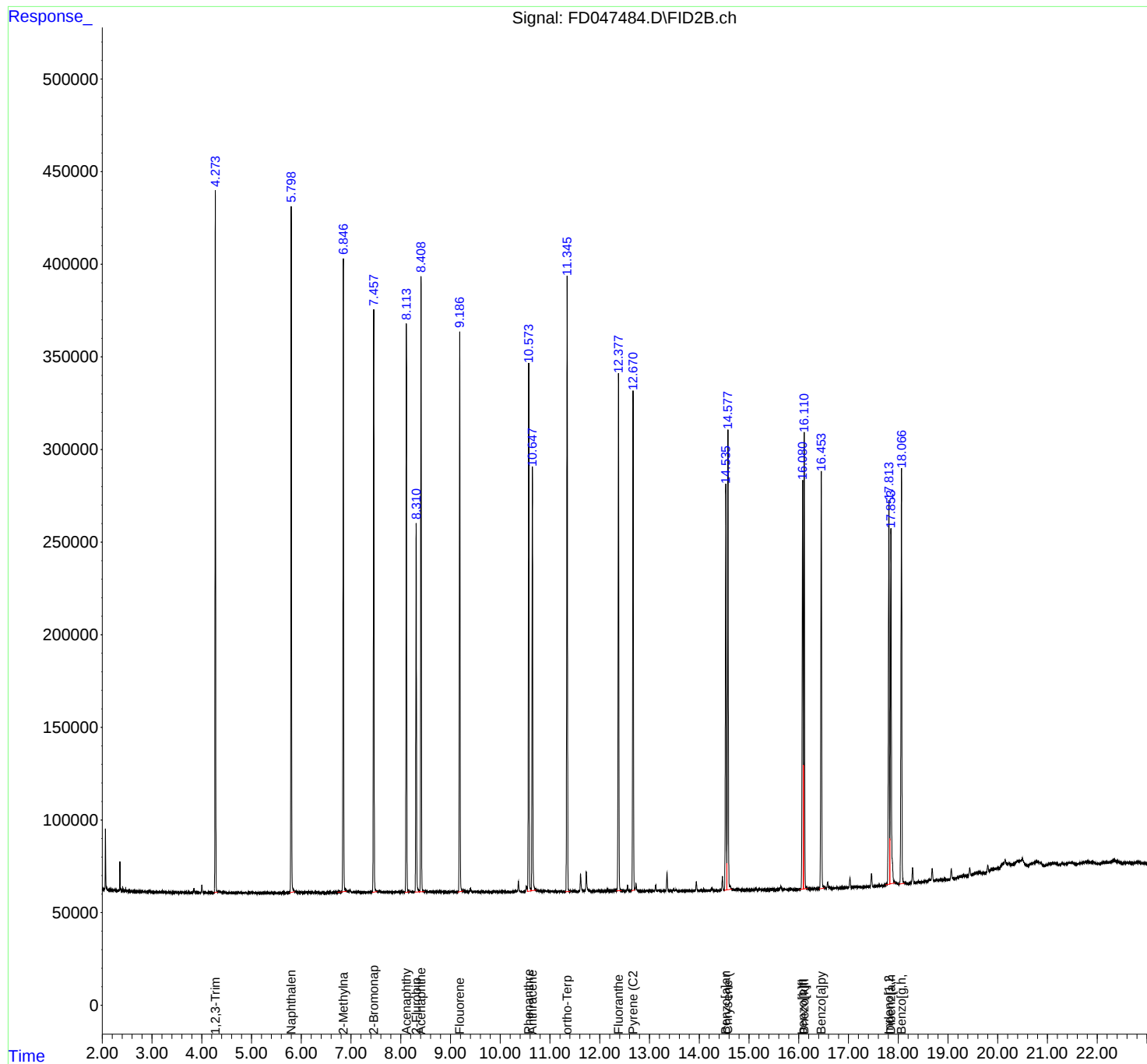
(m)=manual int.

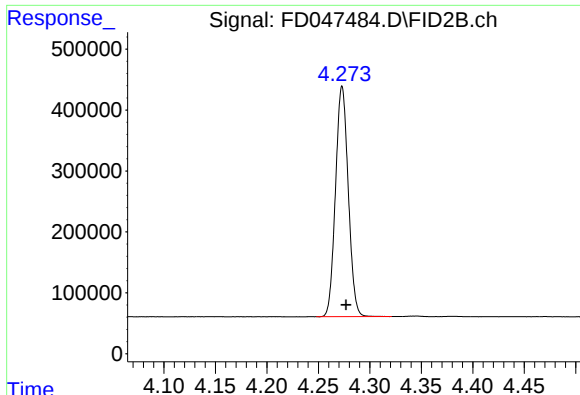
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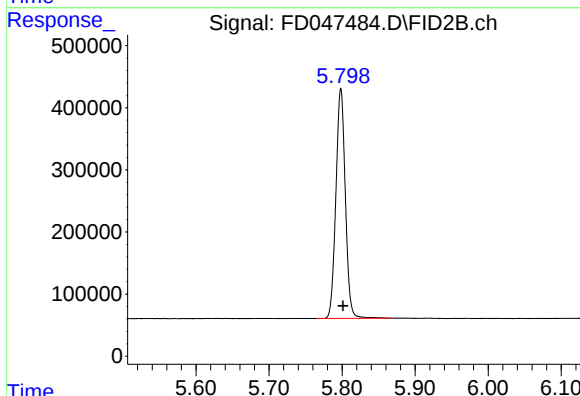




#1 1,2,3-Trimethylbenzene (C10.1)

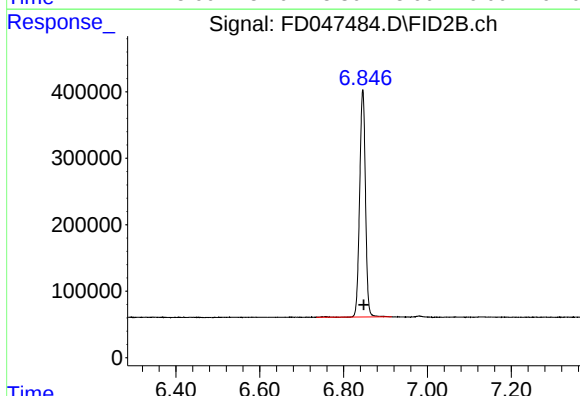
R.T.: 4.273 min
Delta R.T.: -0.004 min
Response: 3260100
Conc: 20.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



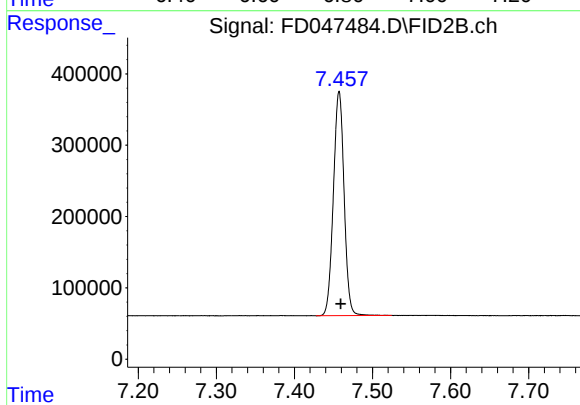
#2 Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 3322816
Conc: 20.31 ug/ml



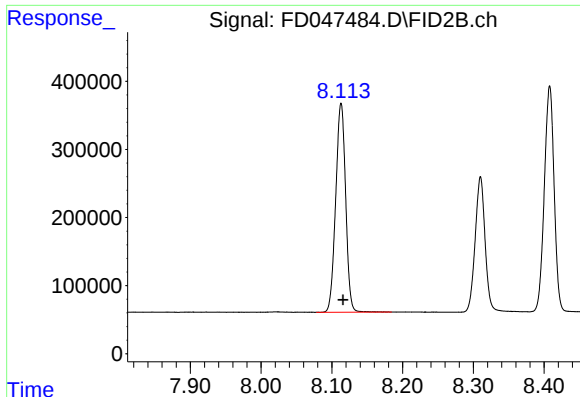
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 3298084
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

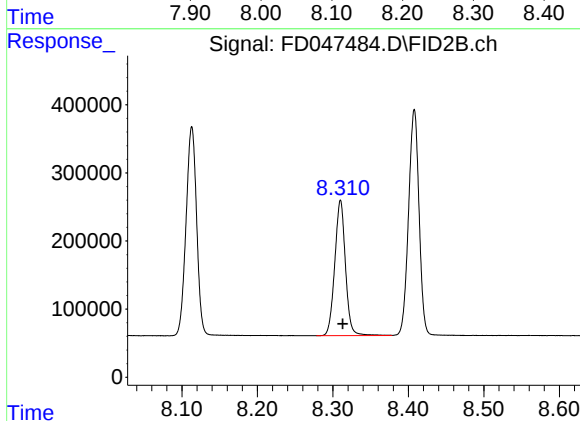
R.T.: 7.457 min
Delta R.T.: -0.002 min
Response: 2997304
Conc: 20.05 ug/ml



#5 Acenaphthylene (C15.06)

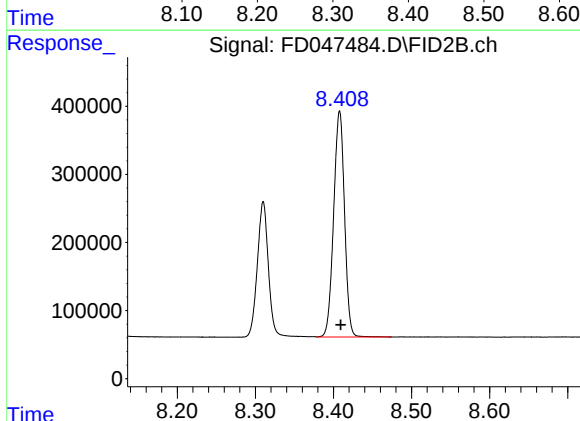
R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 2990800
Conc: 19.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



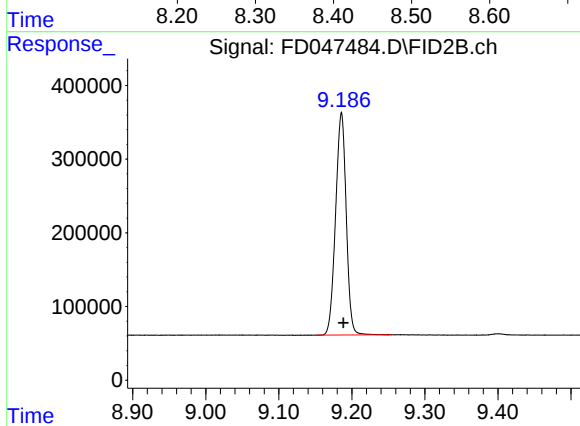
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 1958113
Conc: 20.04 ug/ml



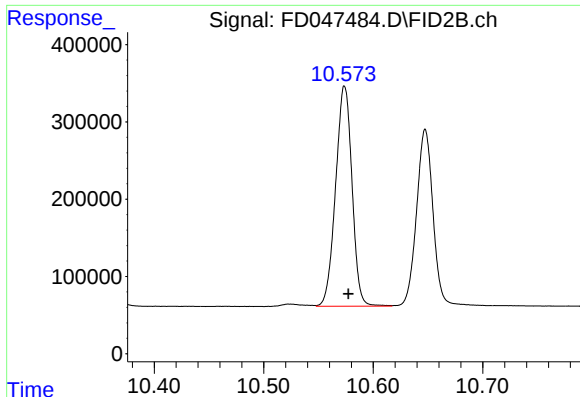
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 3211724
Conc: 20.05 ug/ml



#8 Flouorene (C16.55)

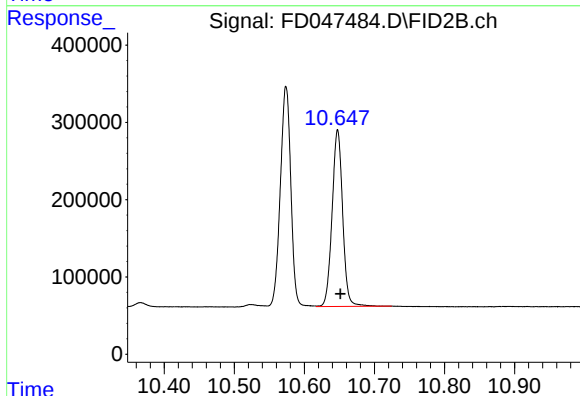
R.T.: 9.186 min
Delta R.T.: -0.003 min
Response: 3049006
Conc: 19.71 ug/ml



#9 Phenanthrene (C19.36)

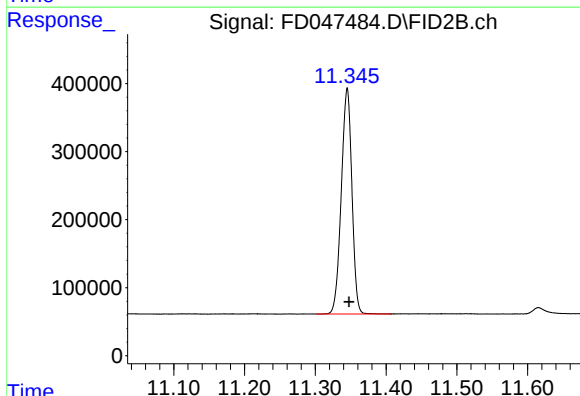
R.T.: 10.574 min
Delta R.T.: -0.003 min
Response: 2965914
Conc: 19.93 ug/ml

Instrument :
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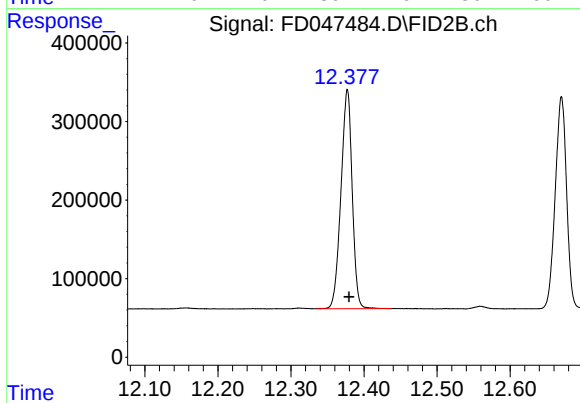
#10 Anthracene (C19.43)

R.T.: 10.648 min
Delta R.T.: -0.004 min
Response: 2390946
Conc: 17.58 ug/ml



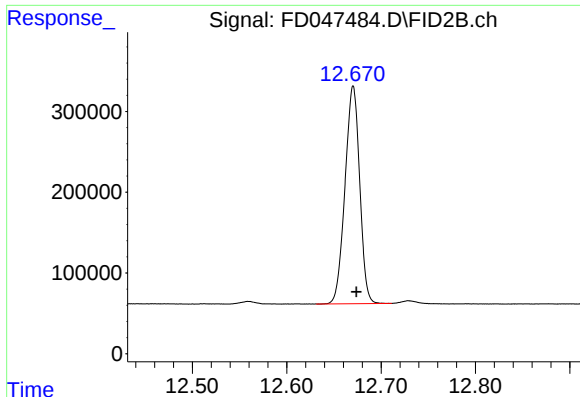
#11 ortho-Terphenyl (SURR)

R.T.: 11.345 min
Delta R.T.: -0.003 min
Response: 3459678
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

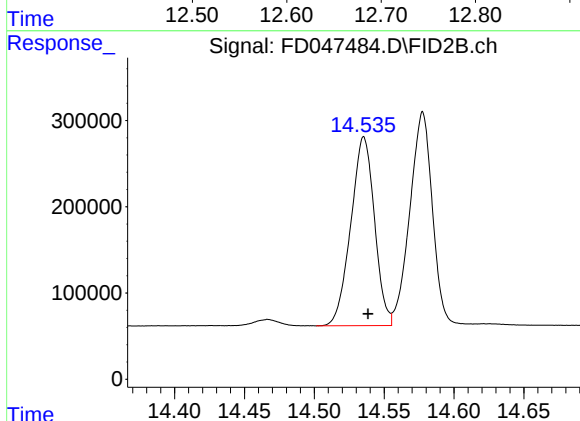
R.T.: 12.377 min
Delta R.T.: -0.003 min
Response: 2981355
Conc: 20.17 ug/ml



#13 Pyrene (C20.8)

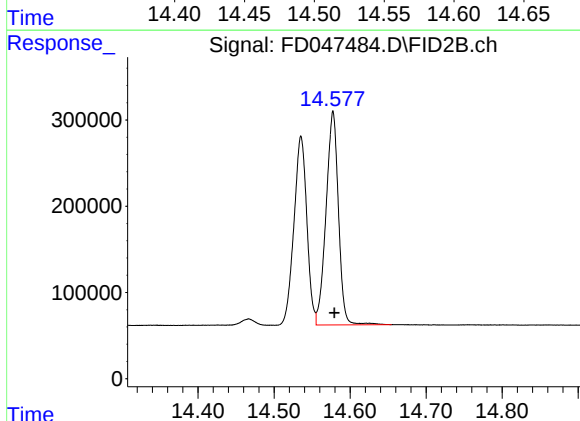
R.T.: 12.670 min
Delta R.T.: -0.003 min
Response: 2909794
Conc: 20.16 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



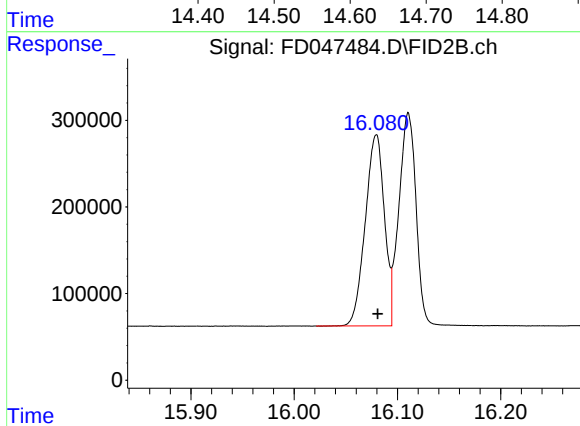
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.003 min
Response: 2583508
Conc: 19.64 ug/ml



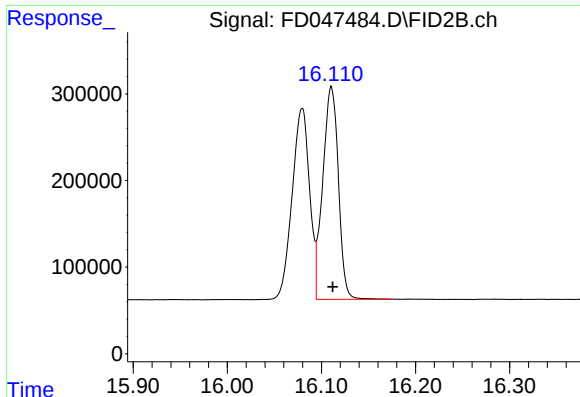
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.002 min
Response: 2816762
Conc: 19.98 ug/ml



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

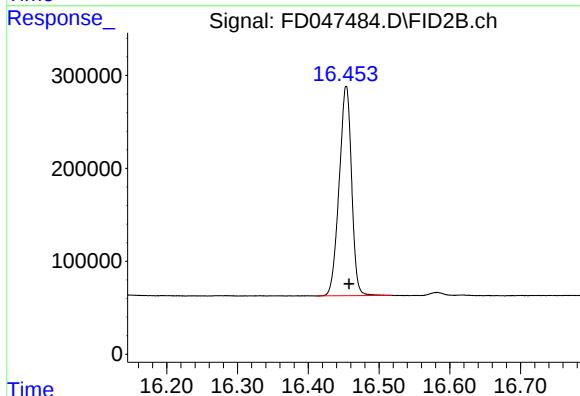
R.T.: 16.079 min
Delta R.T.: -0.002 min
Response: 2842315
Conc: 20.37 ug/ml



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

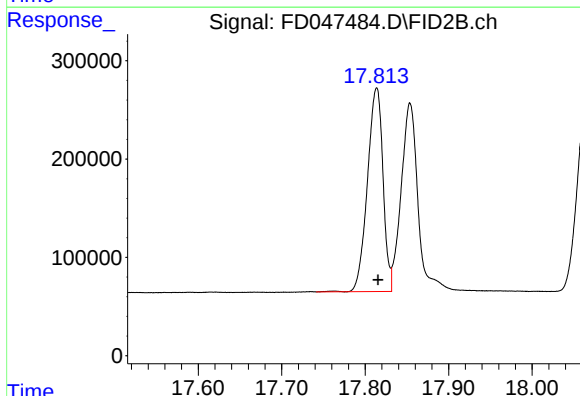
R.T.: 16.111 min
Delta R.T.: -0.001 min
Response: 2832138
Conc: 20.36 ug/ml

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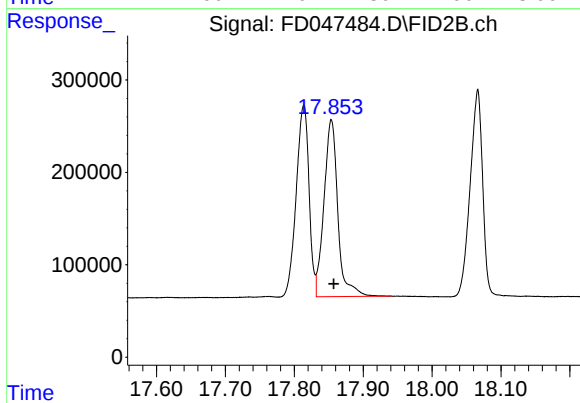
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.004 min
Response: 2752448
Conc: 20.05 ug/ml



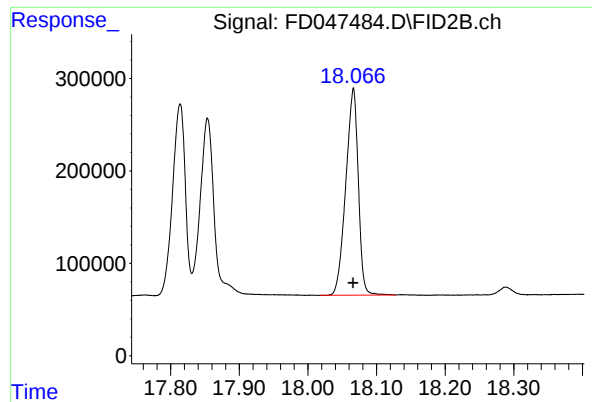
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min
Delta R.T.: -0.002 min
Response: 2681287
Conc: 19.88 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.004 min
Response: 2672528
Conc: 19.89 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 2830655
Conc: 20.40 ug/ml

Instrument :

FID_D

ClientSampleId :

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