

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091823AR\
 Data File : FD046531.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2023 23:50
 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: Sep 19 00:36:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.491	3878244	22.007 ug/ml
Spiked Amount 50.000		Recovery =	44.01%
6) S 2-Fluorobiphenyl (SURR)	8.345	2548873	22.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.00%
11) S ortho-Terphenyl (SURR)	11.382	4490658	22.042 ug/ml
Spiked Amount 50.000		Recovery =	44.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	4051862	21.938 ug/ml
2) T Naphthalene (C11.7)	5.832	4247366	21.980 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	4290230	22.139 ug/ml
5) T Acenaphthylene (C15.06)	8.149	3890991	22.067 ug/ml
7) T Acenaphthene (C15.5)	8.444	4140563	22.037 ug/ml
8) T Fluorene (C16.55)	9.222	4002174	22.186 ug/ml
9) T Phenanthrene (C19.36)	10.611	3887110	22.108 ug/ml
10) T Anthracene (C19.43)	10.685	3701404	24.098 ug/ml
12) T Fluoranthene (C21.85)	12.413	3792375	22.251 ug/ml
13) T Pyrene (C20.8)	12.708	3674403	22.398 ug/ml
14) T Benzo[a]anthracene (C...	14.570	3114312	22.303 ug/ml
15) T Chrysene (C27.41)	14.613	3350270	22.070 ug/ml
16) T benzo[b]fluoranthene ...	16.113	3070490	22.385 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	3068509	22.151 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.488	2962620	22.146 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	2757353	21.997 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	2876617	21.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	2871316	21.773 ug/ml

(f)=RT Delta > 1/2 Window

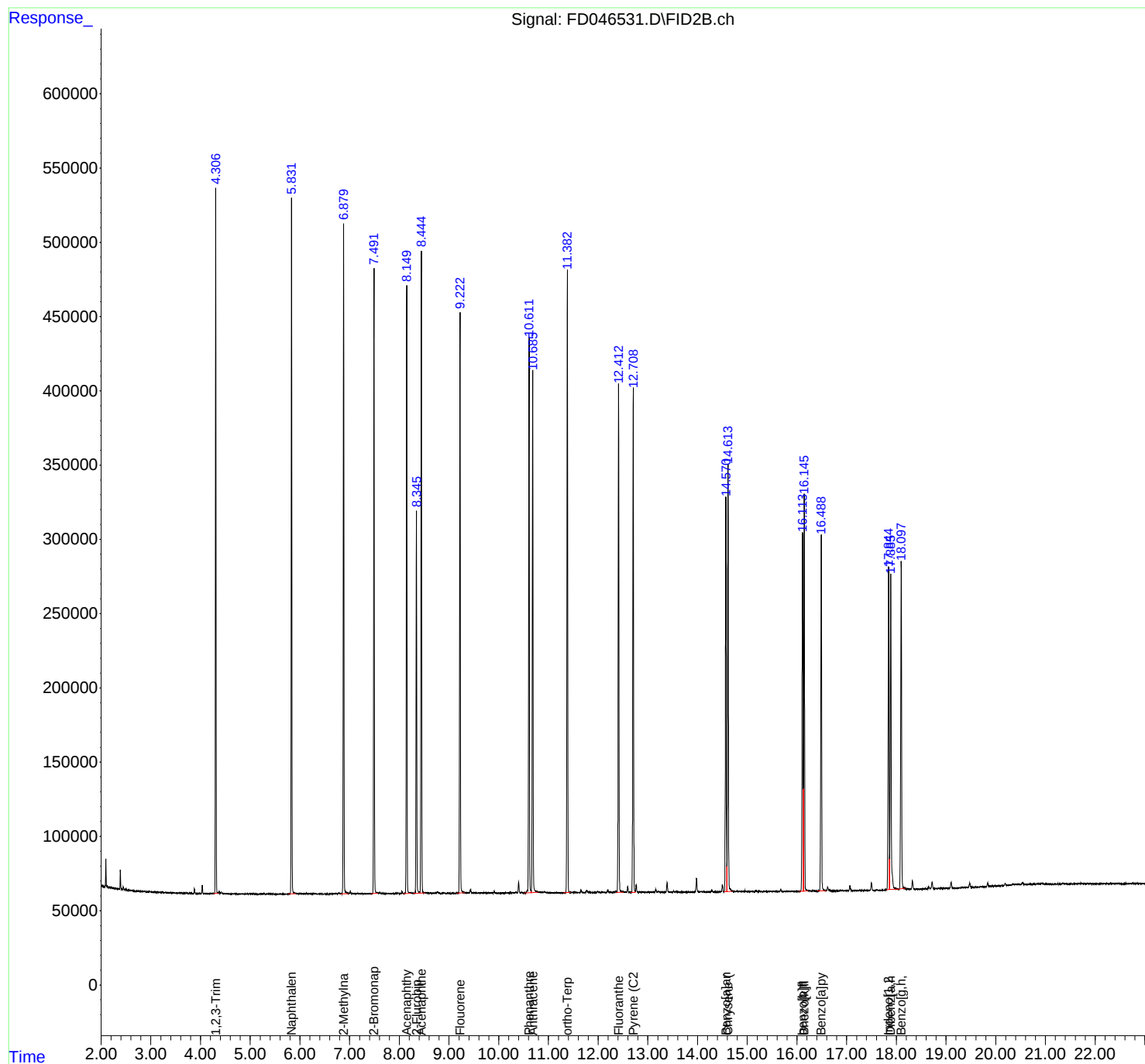
(m)=manual int.

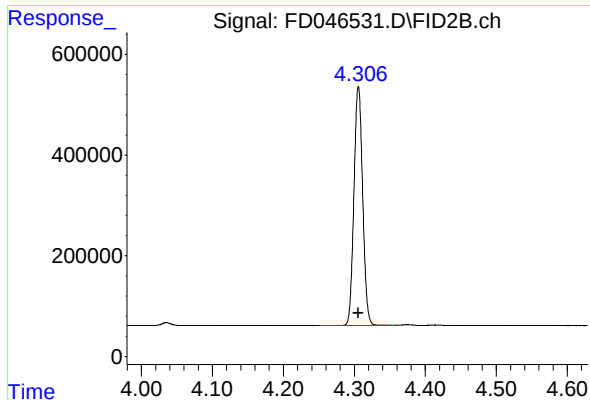
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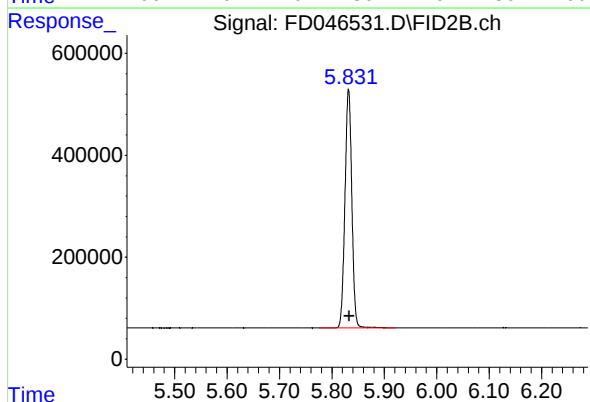




#1 1,2,3-Trimethylbenzene (C10.1)

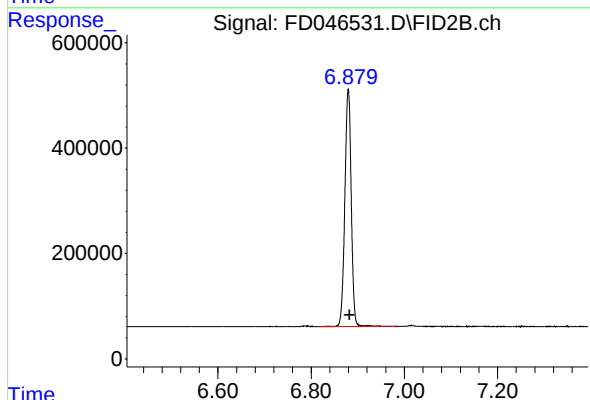
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 4051862
Conc: 21.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



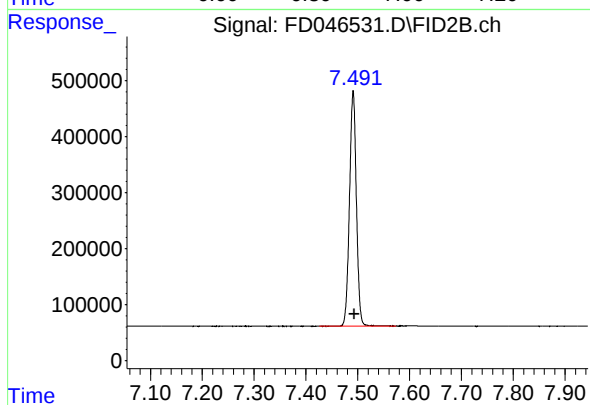
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 4247366
Conc: 21.98 ug/ml



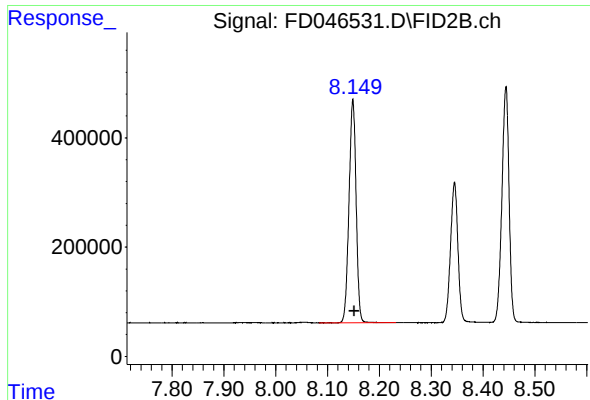
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 4290230
Conc: 22.14 ug/ml



#4 2-Bromonaphthalene (SURR)

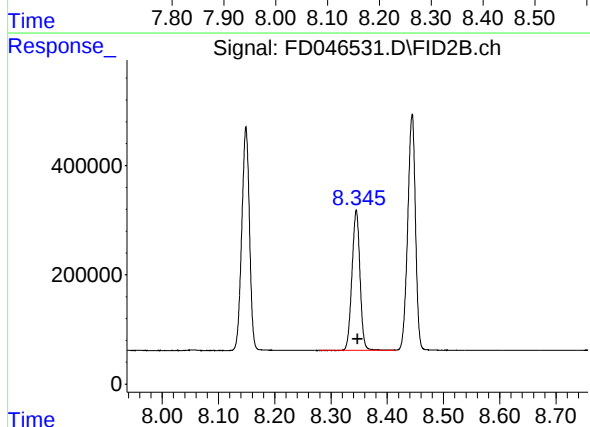
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 3878244
Conc: 22.01 ug/ml



#5 Acenaphthylene (C15.06)

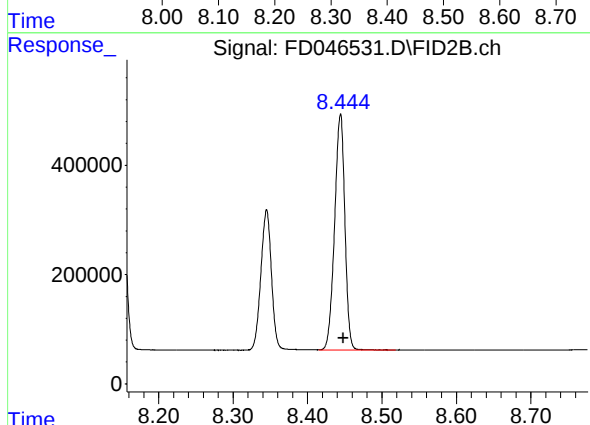
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 3890991
Conc: 22.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



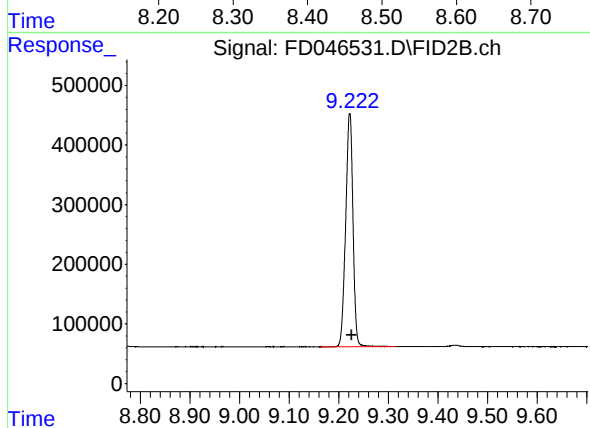
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 2548873
Conc: 22.00 ug/ml



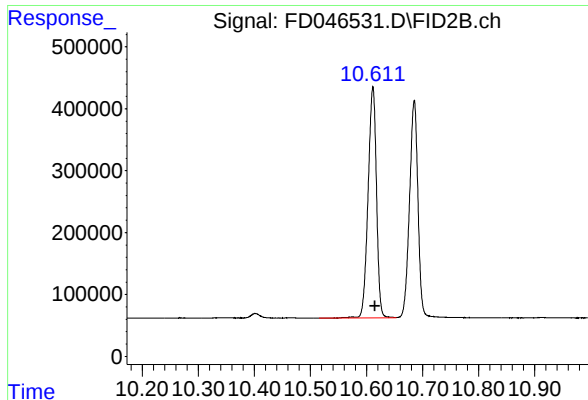
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 4140563
Conc: 22.04 ug/ml



#8 Fluorene (C16.55)

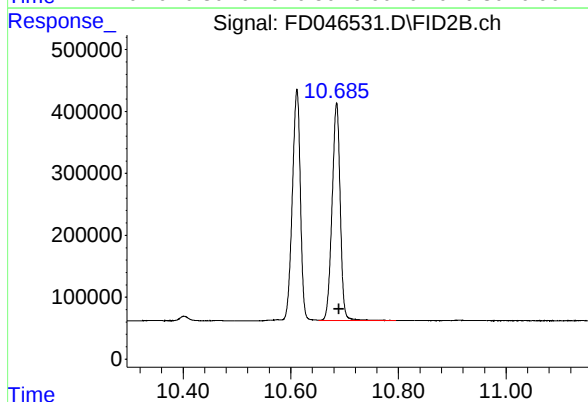
R.T.: 9.222 min
Delta R.T.: -0.004 min
Response: 4002174
Conc: 22.19 ug/ml



#9 Phenanthrene (C19.36)

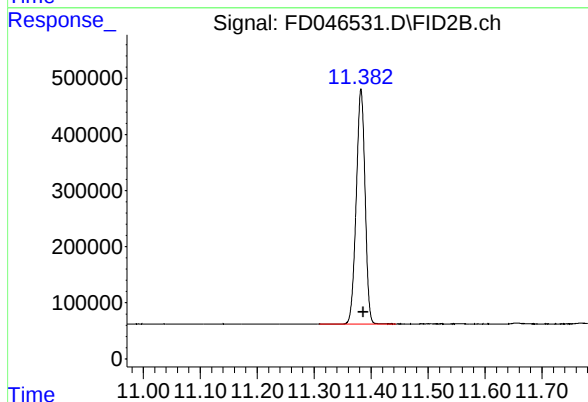
R.T.: 10.611 min
Delta R.T.: -0.004 min
Response: 3887110
Conc: 22.11 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



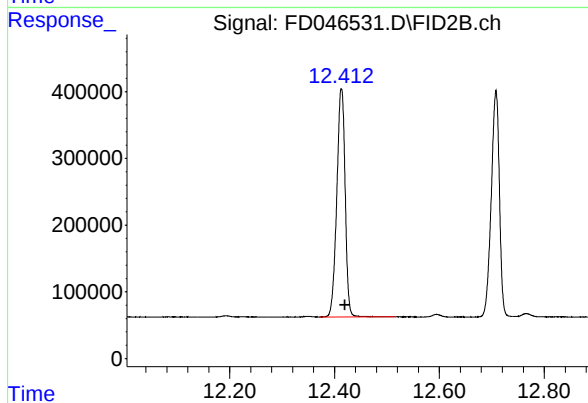
#10 Anthracene (C19.43)

R.T.: 10.685 min
Delta R.T.: -0.005 min
Response: 3701404
Conc: 24.10 ug/ml



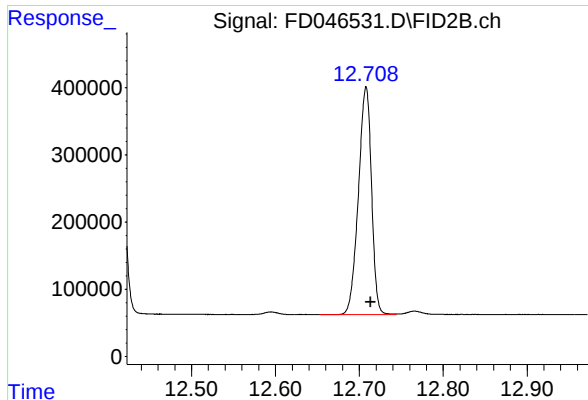
#11 ortho-Terphenyl (SURRE)

R.T.: 11.382 min
Delta R.T.: -0.004 min
Response: 4490658
Conc: 22.04 ug/ml



#12 Fluoranthene (C21.85)

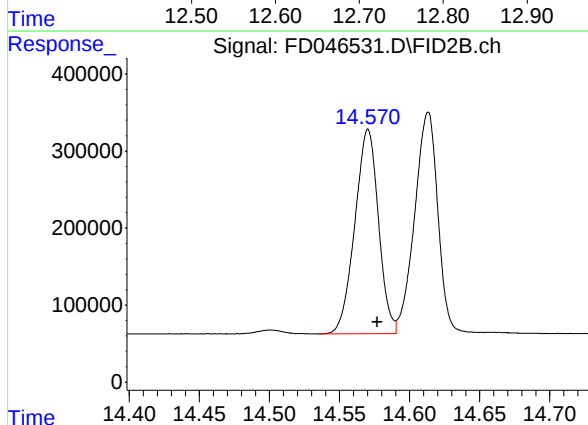
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3792375
Conc: 22.25 ug/ml



#13 Pyrene (C20.8)

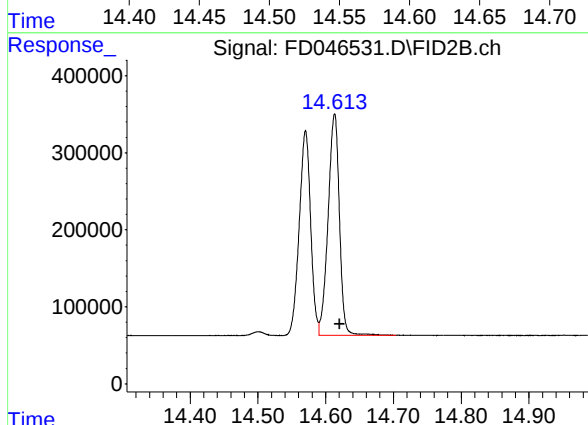
R.T.: 12.708 min
Delta R.T.: -0.006 min
Response: 3674403
Conc: 22.40 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



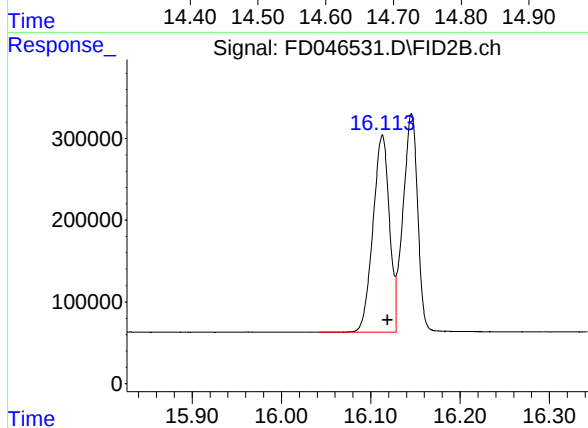
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 3114312
Conc: 22.30 ug/ml



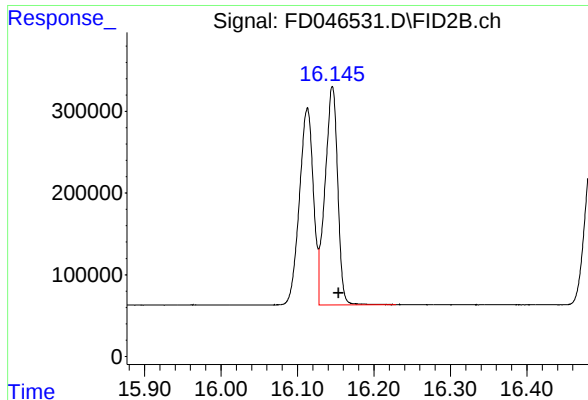
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: -0.008 min
Response: 3350270
Conc: 22.07 ug/ml



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

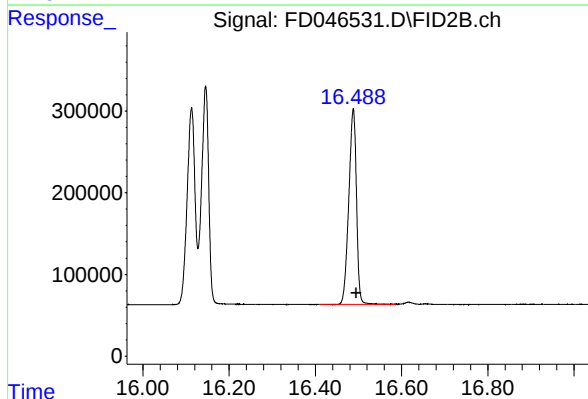
R.T.: 16.113 min
Delta R.T.: -0.006 min
Response: 3070490
Conc: 22.39 ug/ml



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

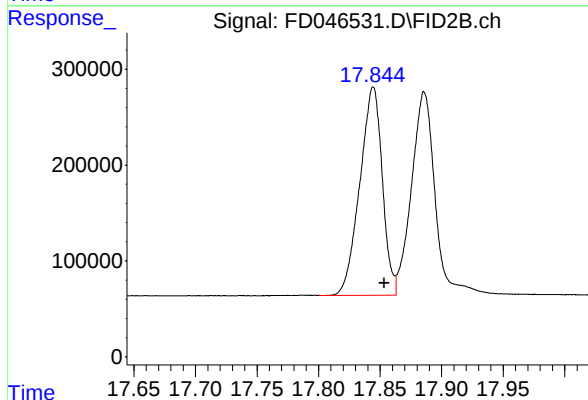
R.T.: 16.146 min
Delta R.T.: -0.008 min
Response: 3068509
Conc: 22.15 ug/ml

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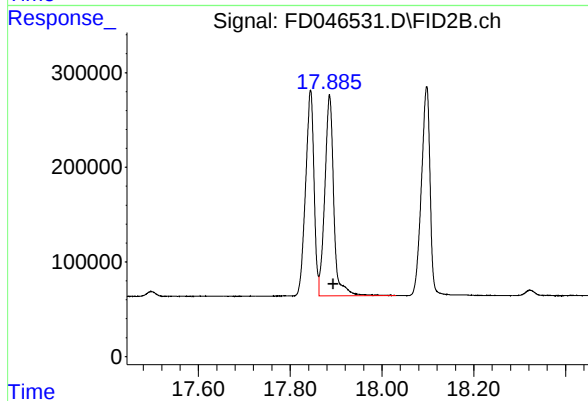
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.488 min
Delta R.T.: -0.007 min
Response: 2962620
Conc: 22.15 ug/ml



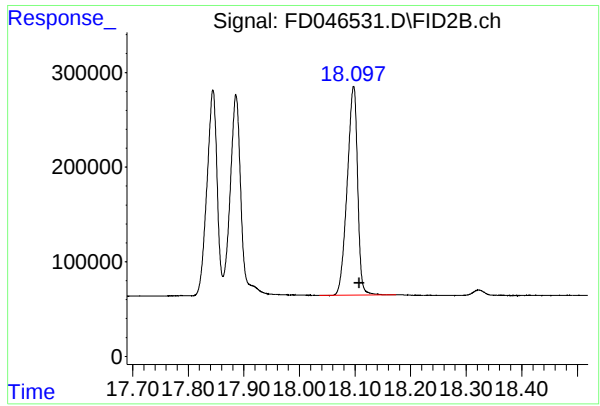
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: -0.009 min
Response: 2757353
Conc: 22.00 ug/ml



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

R.T.: 17.886 min
Delta R.T.: -0.008 min
Response: 2876617
Conc: 21.62 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.011 min
Response: 2871316
Conc: 21.77 ug/ml

Instrument :

FID_D

ClientSampleId :

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