

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021025AR\
 Data File : FD049069.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 11:32
 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: Feb 11 02:04:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.352	3058215	21.488 ug/ml
Spiked Amount 50.000		Recovery =	42.98%
6) S 2-Fluorobiphenyl (SURR)	8.201	1964402	23.087 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.17%
11) S ortho-Terphenyl (SURR)	11.234	3454119	21.004 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3397447	22.040 ug/ml
2) T Naphthalene (C11.7)	5.692	3456420	22.112 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3343479	21.553 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3451965	21.107 ug/ml
7) T Acenaphthene (C15.5)	8.296	3448990	20.534 ug/ml
8) T Fluorene (C16.55)	9.076	3394416	21.699 ug/ml
9) T Phenanthrene (C19.36)	10.462	3272008	21.484 ug/ml
10) T Anthracene (C19.43)	10.538	3221200	21.147 ug/ml
12) T Fluoranthene (C21.85)	12.265	3359789	21.360 ug/ml
13) T Pyrene (C20.8)	12.559	3272379	20.772 ug/ml
14) T Benzo[a]anthracene (C...	14.428	3007575	23.372 ug/ml
15) T Chrysene (C27.41)	14.469	3258275	19.269 ug/ml
16) T benzo[b]fluoranthene ...	16.101	3059689	22.394 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	3254948	20.098 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	2960273	21.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	2461021	23.598 ug/ml
20) T Dibenz[a,h]anthracene...	17.808	3473838	24.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	3067925	21.508 ug/ml

(f)=RT Delta > 1/2 Window

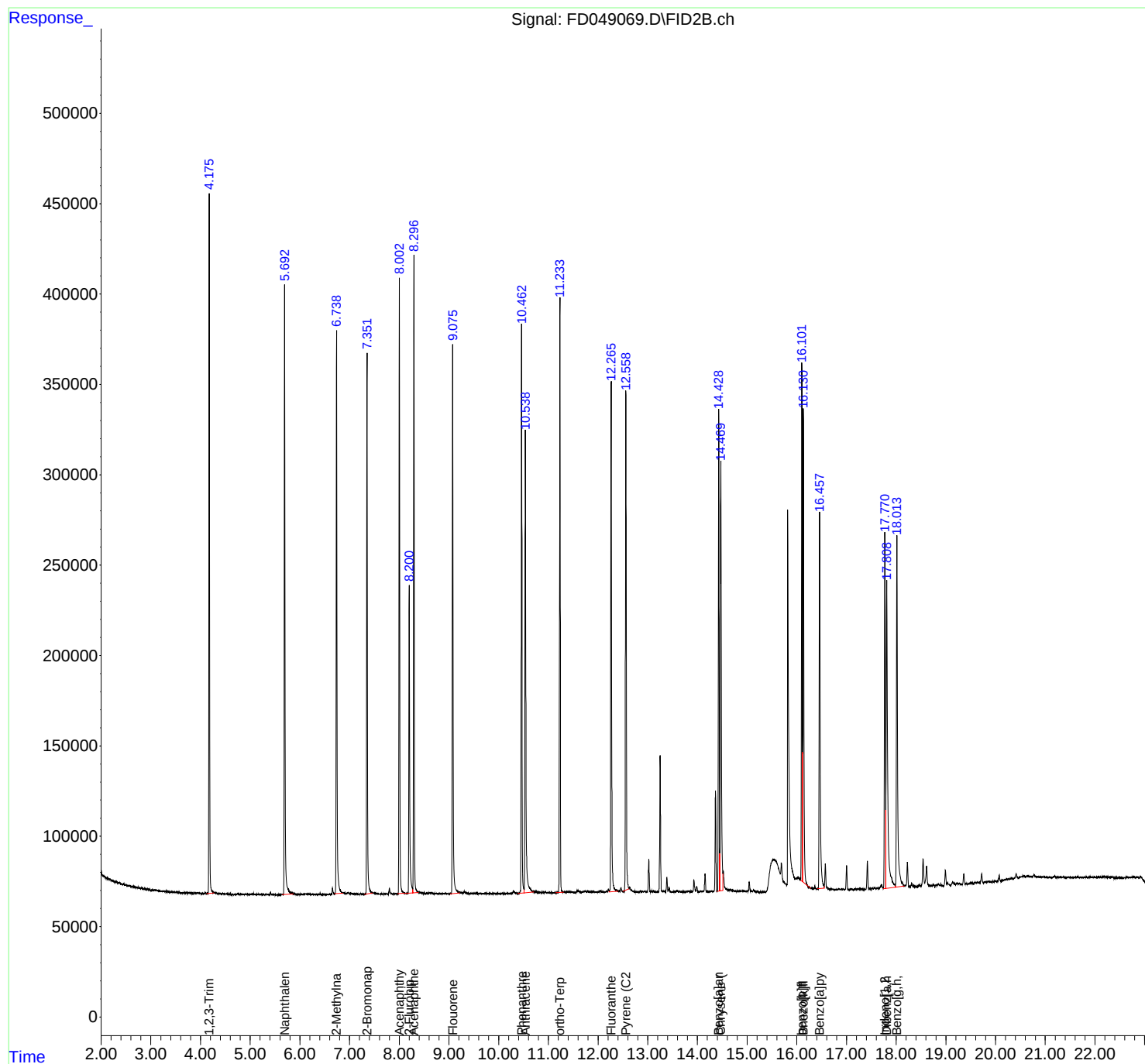
(m)=manual int.

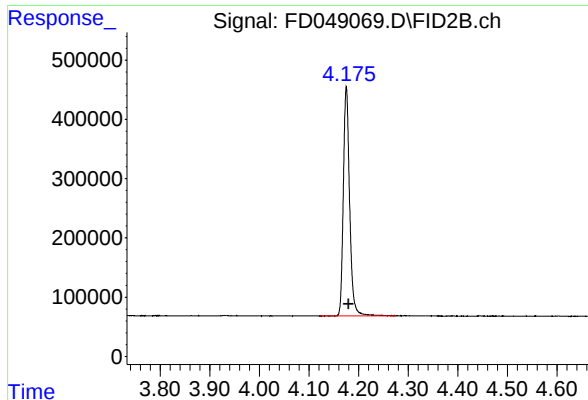
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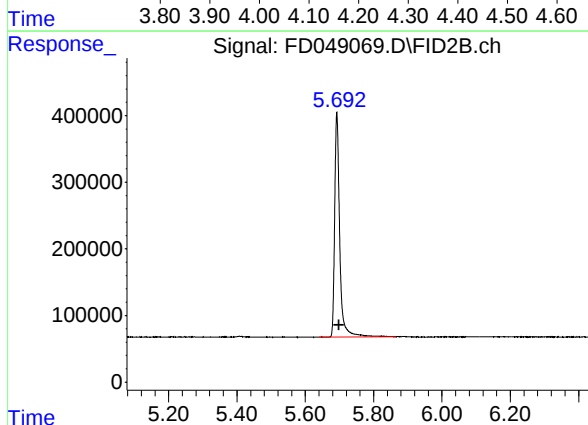




#1 1,2,3-Trimethylbenzene (C10.1)

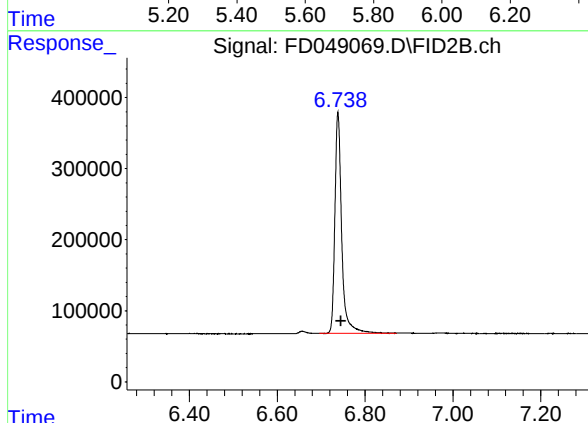
R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 3397447
Conc: 22.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



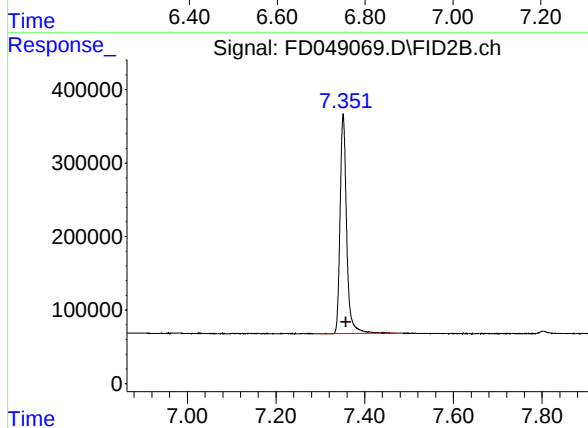
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.006 min
Response: 3456420
Conc: 22.11 ug/ml



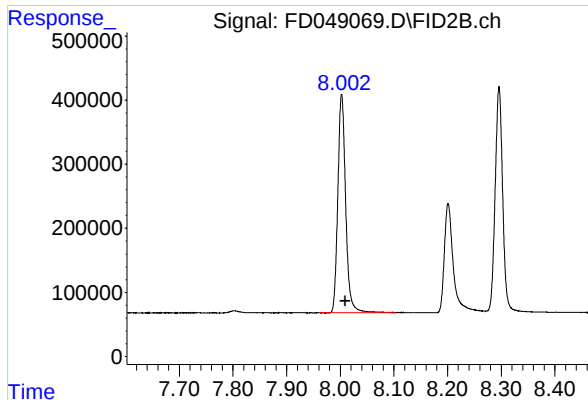
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.006 min
Response: 3343479
Conc: 21.55 ug/ml



#4 2-Bromonaphthalene (SURR)

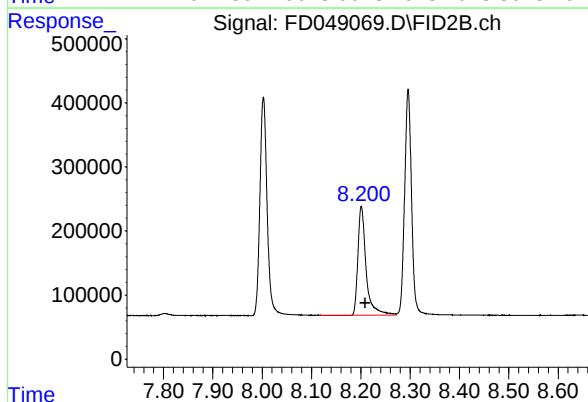
R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 3058215
Conc: 21.49 ug/ml



#5 Acenaphthylene (C15.06)

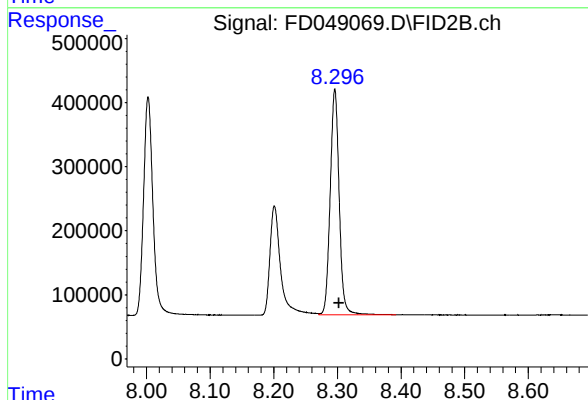
R.T.: 8.003 min
Delta R.T.: -0.007 min
Response: 3451965
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



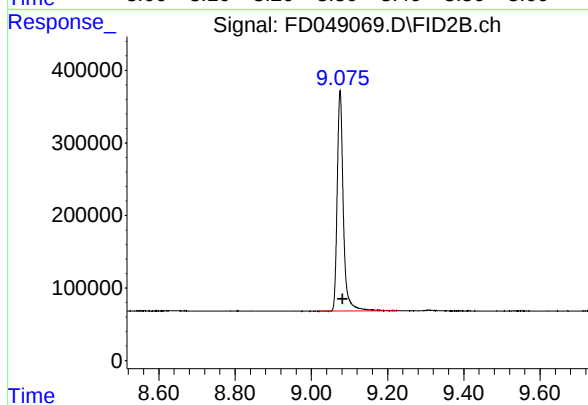
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 1964402
Conc: 23.09 ug/ml



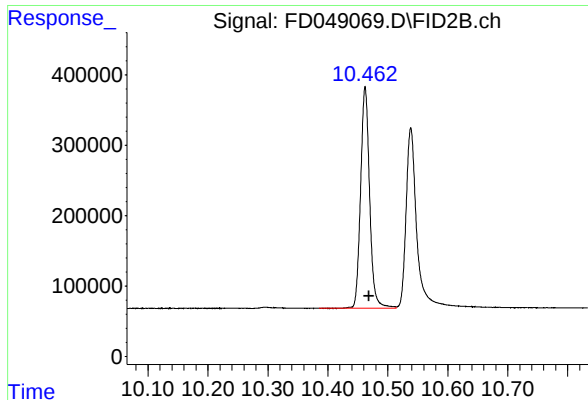
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.006 min
Response: 3448990
Conc: 20.53 ug/ml



#8 Fluorene (C16.55)

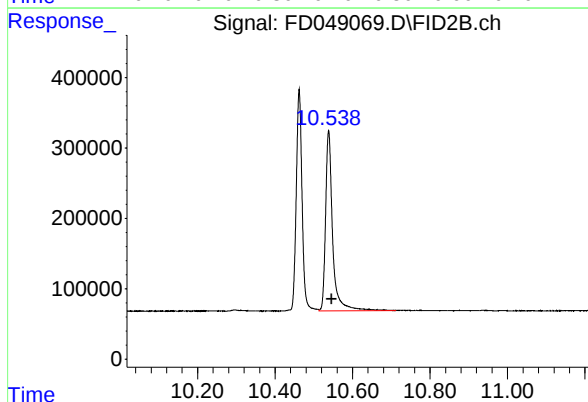
R.T.: 9.076 min
Delta R.T.: -0.007 min
Response: 3394416
Conc: 21.70 ug/ml



#9 Phenanthrene (C19.36)

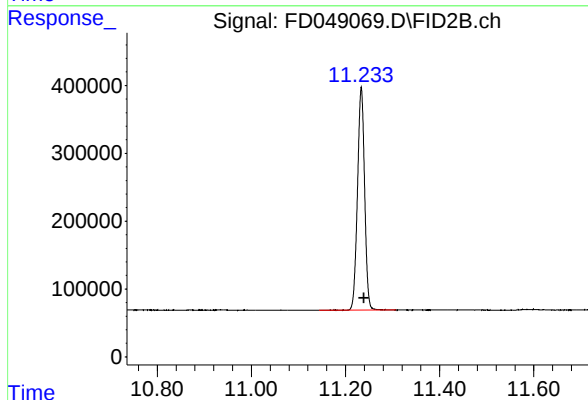
R.T.: 10.462 min
Delta R.T.: -0.006 min
Response: 3272008
Conc: 21.48 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



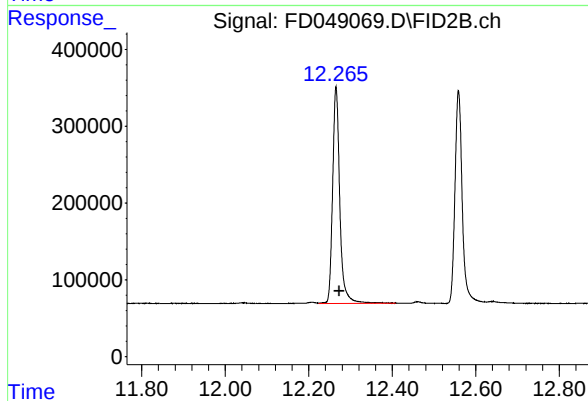
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.008 min
Response: 3221200
Conc: 21.15 ug/ml



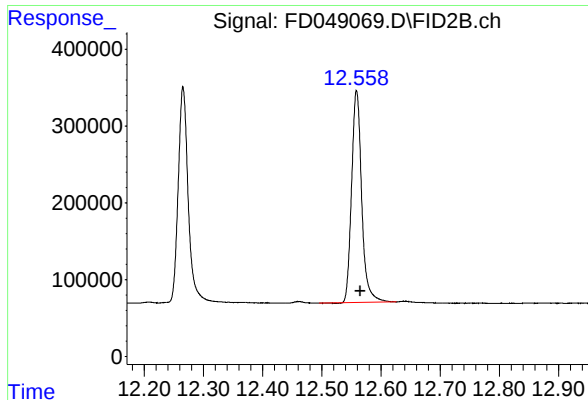
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.006 min
Response: 3454119
Conc: 21.00 ug/ml



#12 Fluoranthene (C21.85)

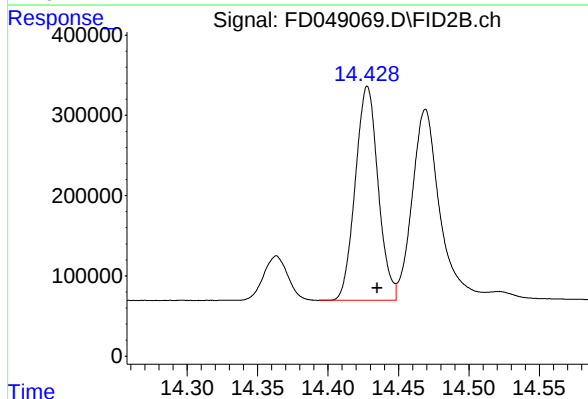
R.T.: 12.265 min
Delta R.T.: -0.008 min
Response: 3359789
Conc: 21.36 ug/ml



#13 Pyrene (C20.8)

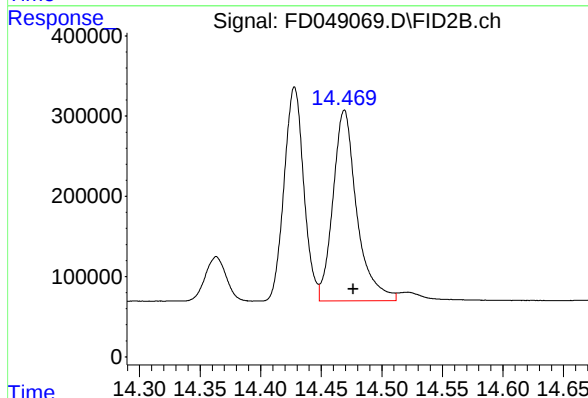
R.T.: 12.559 min
Delta R.T.: -0.007 min
Response: 3272379
Conc: 20.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



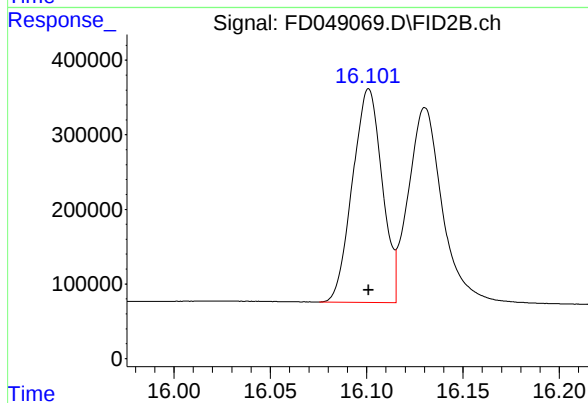
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.007 min
Response: 3007575
Conc: 23.37 ug/ml



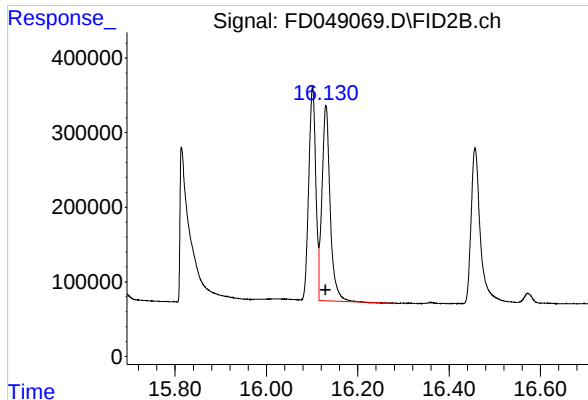
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.007 min
Response: 3258275
Conc: 19.27 ug/ml



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

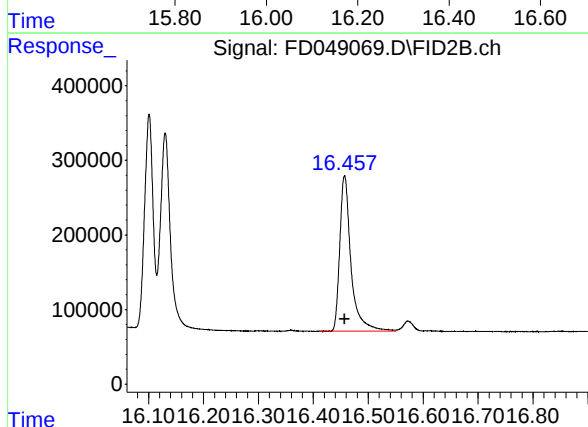
R.T.: 16.101 min
Delta R.T.: 0.000 min
Response: 3059689
Conc: 22.39 ug/ml



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

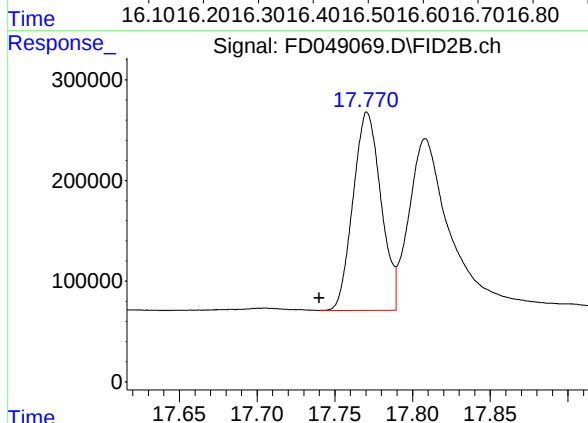
R.T.: 16.130 min
Delta R.T.: 0.000 min
Response: 3254948
Conc: 20.10 ug/ml

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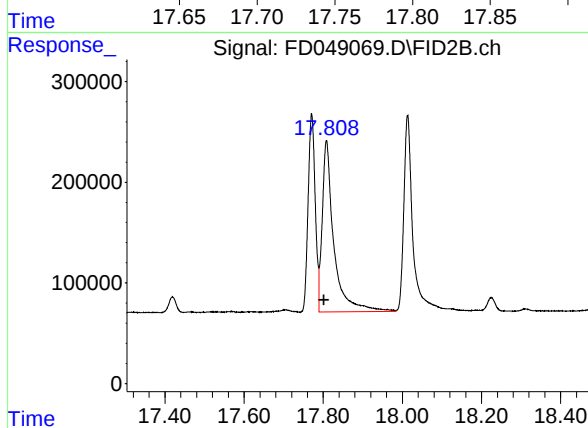
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: 0.000 min
Response: 2960273
Conc: 21.27 ug/ml



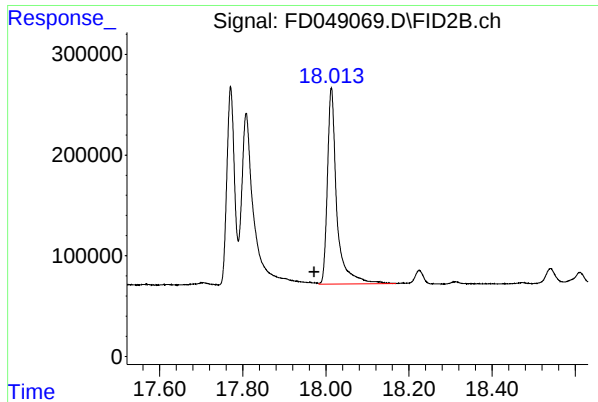
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: 0.031 min
Response: 2461021
Conc: 23.60 ug/ml



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

R.T.: 17.808 min
Delta R.T.: 0.006 min
Response: 3473838
Conc: 24.33 ug/ml



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

R.T.: 18.013 min
Delta R.T.: 0.041 min
Response: 3067925
Conc: 21.51 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD