

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049063.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 18:33
 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 08 00:01:04 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	2974243	20.898 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
6) S 2-Fluorobiphenyl (SURR)	8.202	1923668	22.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.22%
11) S ortho-Terphenyl (SURR)	11.235	3361802	20.442 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3336666	21.646 ug/ml
2) T Naphthalene (C11.7)	5.693	3369577	21.556 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3286804	21.187 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3389364	20.725 ug/ml
7) T Acenaphthene (C15.5)	8.297	3382749	20.140 ug/ml
8) T Fluorene (C16.55)	9.076	3322976	21.242 ug/ml
9) T Phenanthrene (C19.36)	10.463	3190494	20.949 ug/ml
10) T Anthracene (C19.43)	10.539	3168081	20.798 ug/ml
12) T Fluoranthene (C21.85)	12.267	3284396	20.880 ug/ml
13) T Pyrene (C20.8)	12.560	3222448	20.456 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2995460	23.278 ug/ml
15) T Chrysene (C27.41)	14.471	3320443	19.636 ug/ml
16) T benzo[b]fluoranthene ...	15.978	3066373	22.443 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	3248053	20.055 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2938625	21.114 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	2408562	23.094 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	3353379	23.490 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	3039370	21.308 ug/ml

(f)=RT Delta > 1/2 Window

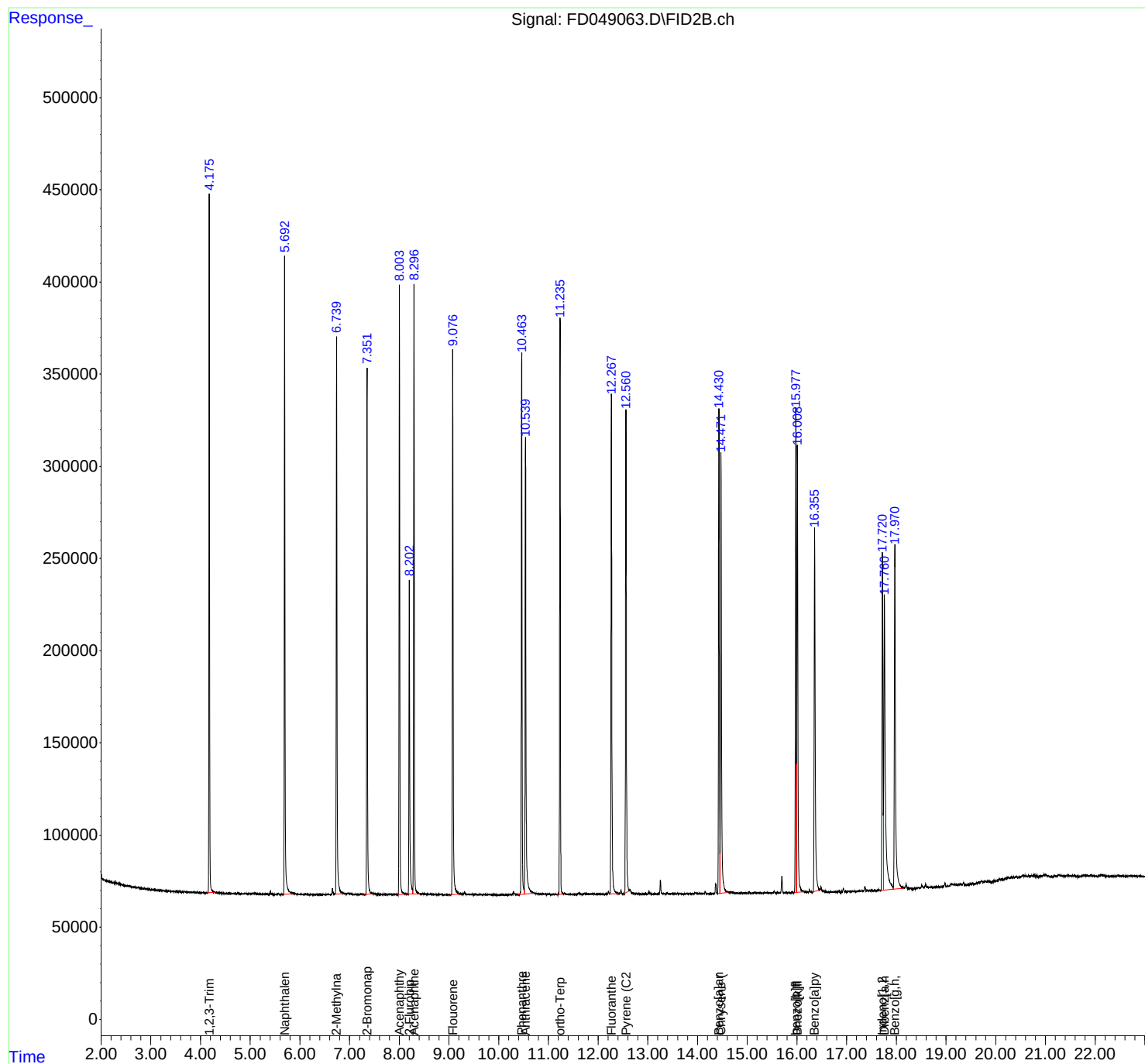
(m)=manual int.

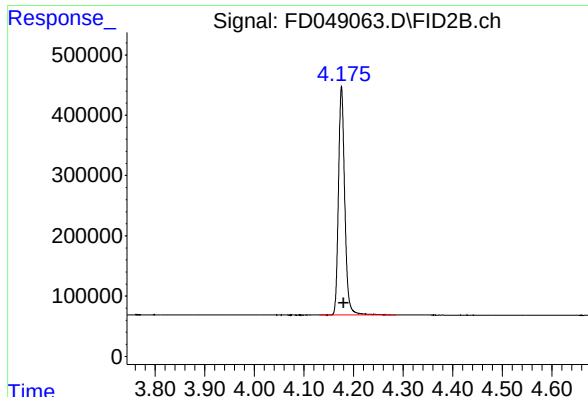
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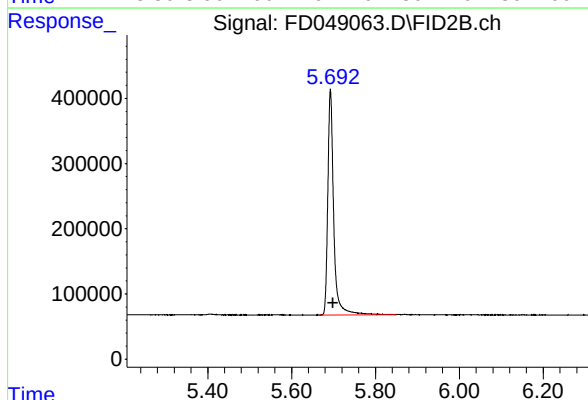




#1 1,2,3-Trimethylbenzene (C10.1)

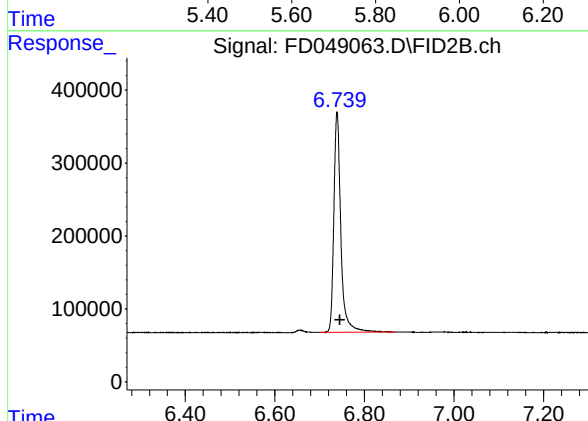
R.T.: 4.176 min
Delta R.T.: -0.004 min
Response: 3336666
Conc: 21.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



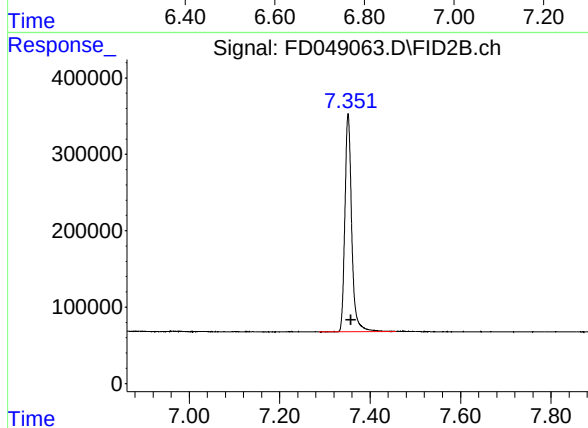
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.006 min
Response: 3369577
Conc: 21.56 ug/ml



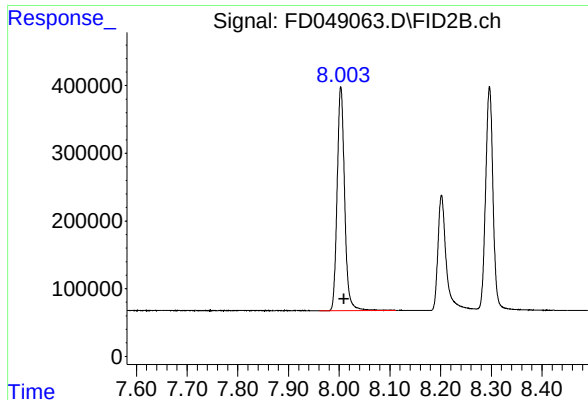
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.006 min
Response: 3286804
Conc: 21.19 ug/ml



#4 2-Bromonaphthalene (SURR)

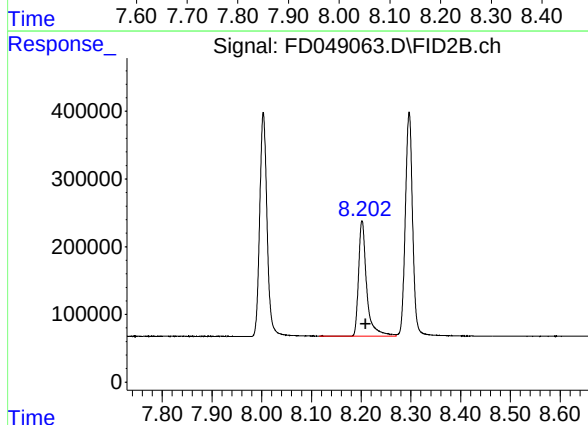
R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 2974243
Conc: 20.90 ug/ml



#5 Acenaphthylene (C15.06)

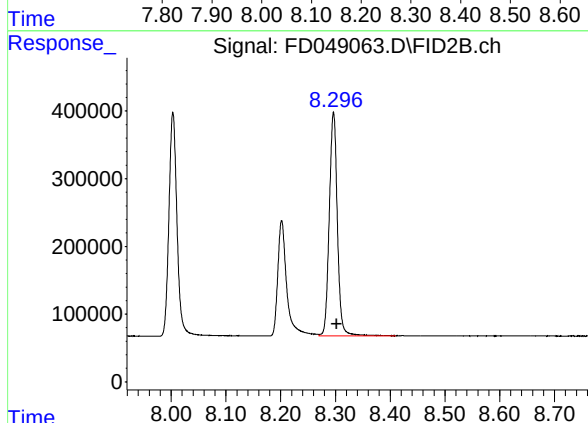
R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 3389364
Conc: 20.72 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



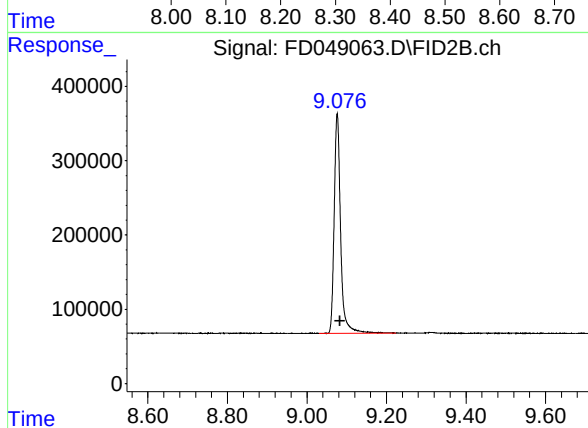
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 1923668
Conc: 22.61 ug/ml



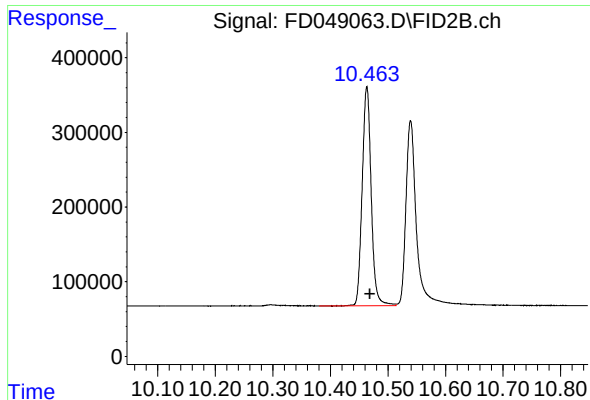
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.006 min
Response: 3382749
Conc: 20.14 ug/ml



#8 Fluorene (C16.55)

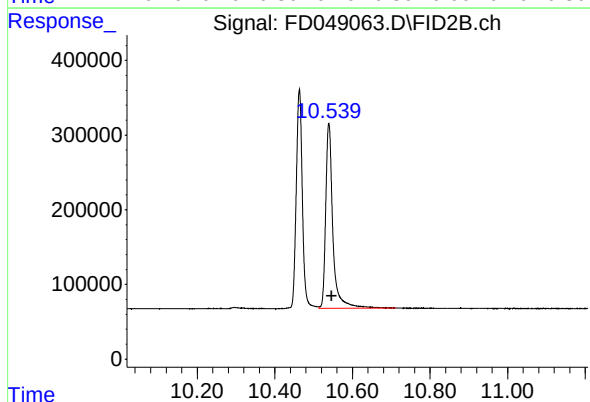
R.T.: 9.076 min
Delta R.T.: -0.006 min
Response: 3322976
Conc: 21.24 ug/ml



#9 Phenanthrene (C19.36)

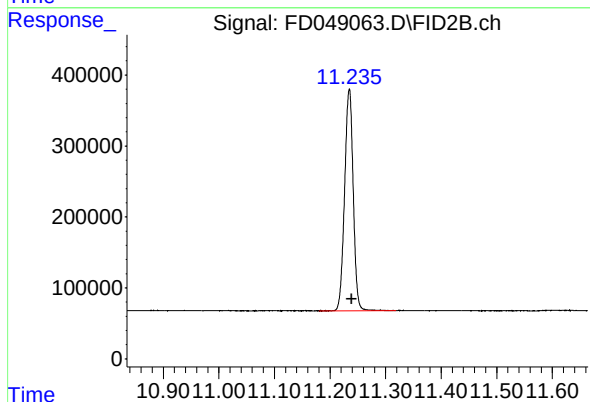
R.T.: 10.463 min
Delta R.T.: -0.005 min
Response: 3190494
Conc: 20.95 ug/ml

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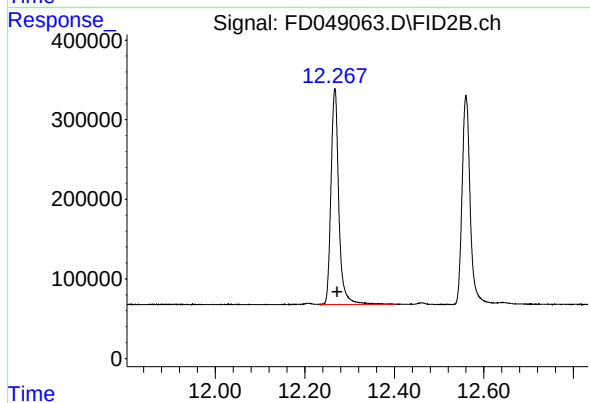
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: -0.007 min
Response: 3168081
Conc: 20.80 ug/ml



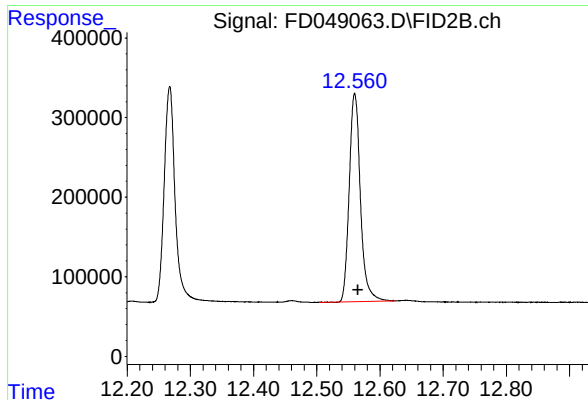
#11 ortho-Terphenyl (SURRE)

R.T.: 11.235 min
Delta R.T.: -0.004 min
Response: 3361802
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

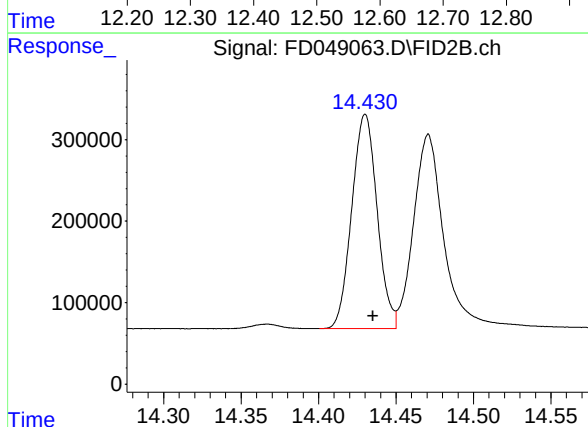
R.T.: 12.267 min
Delta R.T.: -0.006 min
Response: 3284396
Conc: 20.88 ug/ml



#13 Pyrene (C20.8)

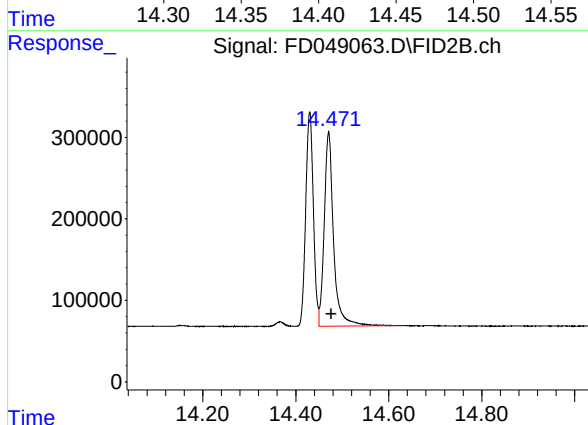
R.T.: 12.560 min
Delta R.T.: -0.005 min
Response: 3222448
Conc: 20.46 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



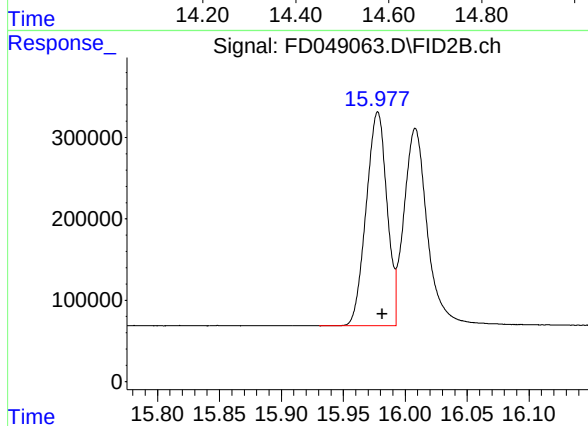
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: -0.005 min
Response: 2995460
Conc: 23.28 ug/ml



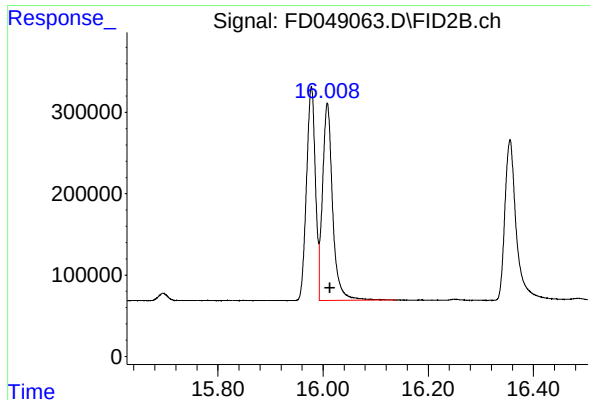
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: -0.006 min
Response: 3320443
Conc: 19.64 ug/ml



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

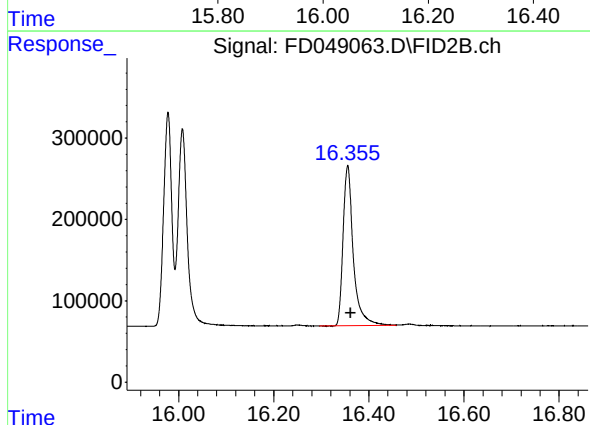
R.T.: 15.978 min
Delta R.T.: -0.004 min
Response: 3066373
Conc: 22.44 ug/ml



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

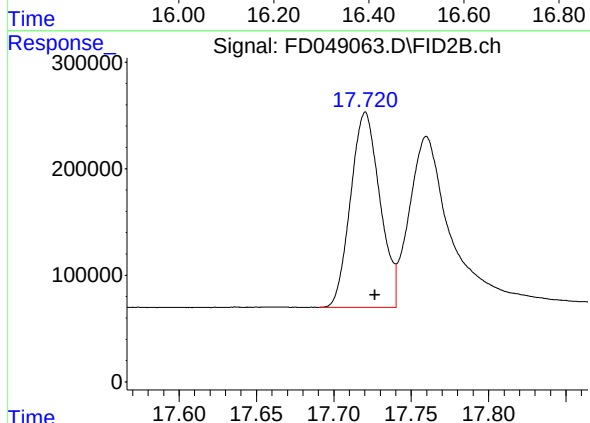
R.T.: 16.008 min
Delta R.T.: -0.005 min
Response: 3248053
Conc: 20.06 ug/ml

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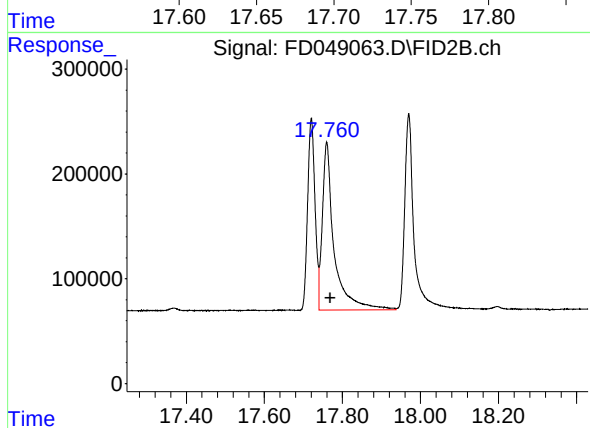
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: -0.006 min
Response: 2938625
Conc: 21.11 ug/ml



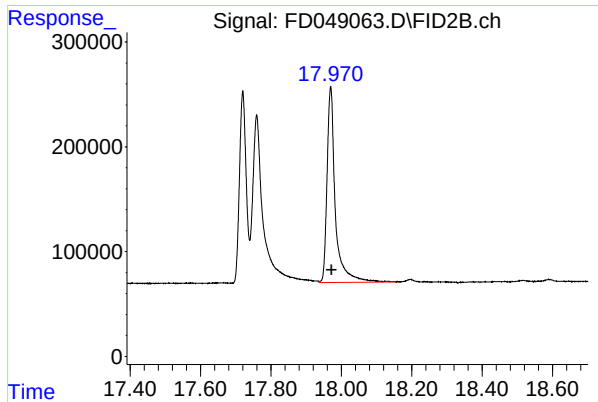
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: -0.006 min
Response: 2408562
Conc: 23.09 ug/ml



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

R.T.: 17.760 min
Delta R.T.: -0.009 min
Response: 3353379
Conc: 23.49 ug/ml



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

R.T.: 17.970 min
Delta R.T.: -0.002 min
Response: 3039370
Conc: 21.31 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD