

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041825AR\
 Data File : FD049283.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2025 09:39
 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 18 22:55:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

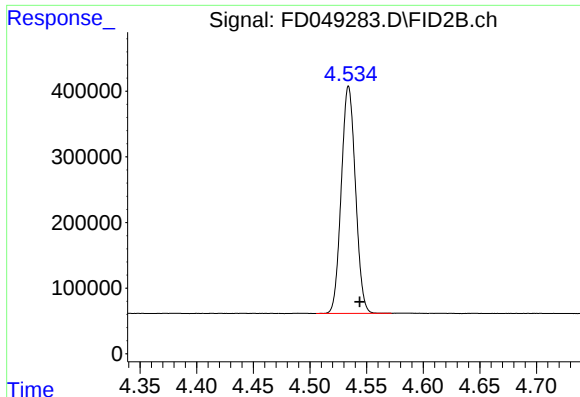
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.742	2985388	20.153 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
6) S 2-Fluorobiphenyl (SURR)	8.608	2029705	19.899 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.80%
11) S ortho-Terphenyl (SURR)	11.651	3698255	20.991 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	3015689	20.125 ug/ml
2) T Naphthalene (C11.7)	6.079	3190206	19.484 ug/ml
3) T 2-Methylnaphthalene (...)	7.132	3226327	19.946 ug/ml
5) T Acenaphthylene (C15.06)	8.411	3512132	19.883 ug/ml
7) T Acenaphthene (C15.5)	8.707	3456911	20.065 ug/ml
8) T Flouorene (C16.55)	9.488	3524352	20.211 ug/ml
9) T Phenanthrene (C19.36)	10.886	3567618	20.789 ug/ml
10) T Anthracene (C19.43)	10.960	2944681	18.744 ug/ml
12) T Fluoranthene (C21.85)	12.699	3660071	21.654 ug/ml
13) T Pyrene (C20.8)	12.997	3646623	21.743 ug/ml
14) T Benzo[a]anthracene (C...	14.867	3061186	21.296 ug/ml
15) T Chrysene (C27.41)	14.910	3145096	21.796 ug/ml
16) T benzo[b]fluoranthene ...	16.418	3037921	21.836 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	2930374	21.426 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	2694381	20.720 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2519185	20.435 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2687191	21.252 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2716596	20.809 ug/ml

(f)=RT Delta > 1/2 Window

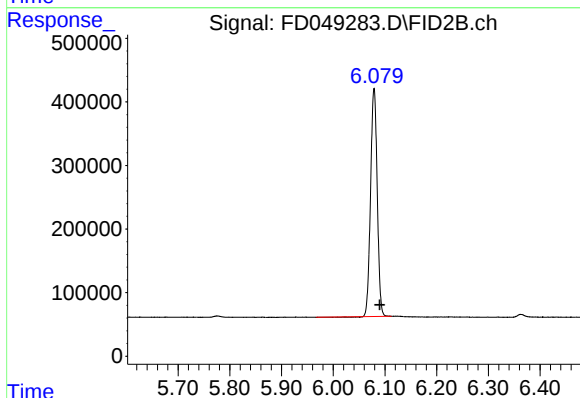
(m)=manual int.



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

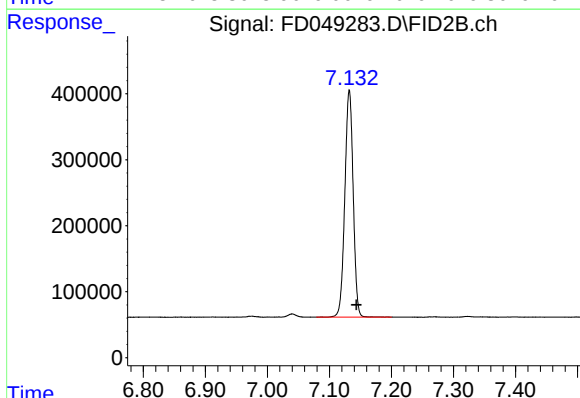
R.T.: 4.534 min
Delta R.T.: -0.010 min
Response: 3015689
Conc: 20.12 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



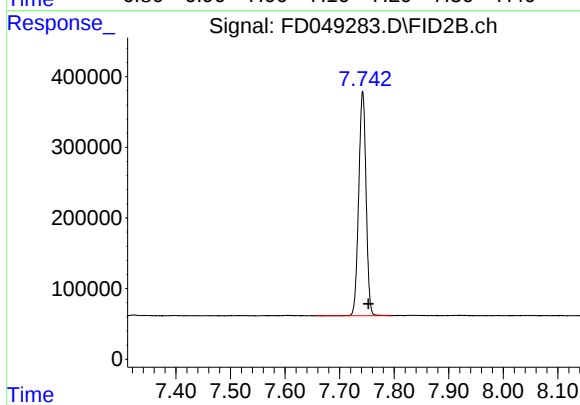
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.011 min
Response: 3190206
Conc: 19.48 ug/ml



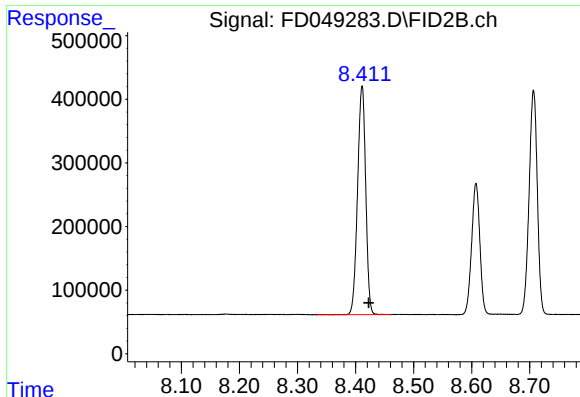
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.011 min
Response: 3226327
Conc: 19.95 ug/ml



#4 2-Bromonaphthalene (SURR)

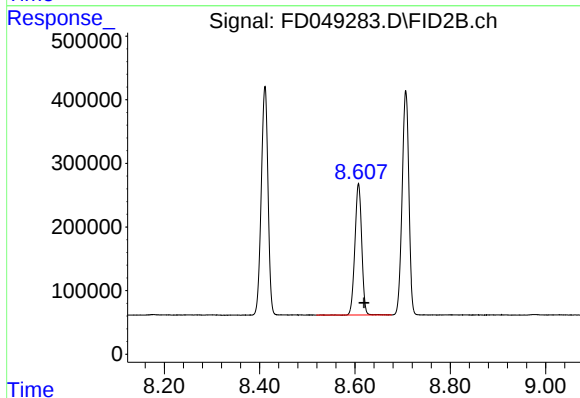
R.T.: 7.742 min
Delta R.T.: -0.010 min
Response: 2985388
Conc: 20.15 ug/ml



#5 Acenaphthylene (C15.06)

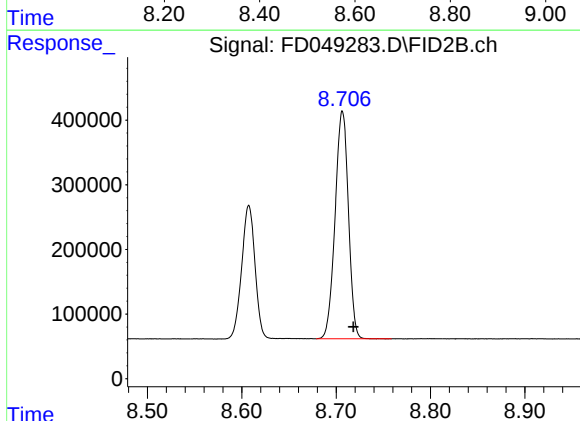
R.T.: 8.411 min
Delta R.T.: -0.011 min
Response: 3512132
Conc: 19.88 ug/ml

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20 PPM AROMATIC HC STD



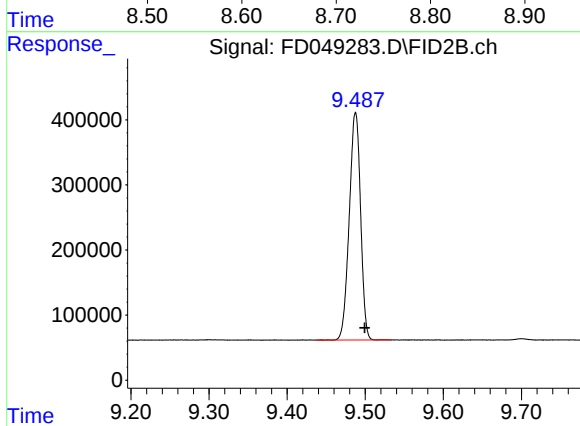
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: -0.012 min
Response: 2029705
Conc: 19.90 ug/ml



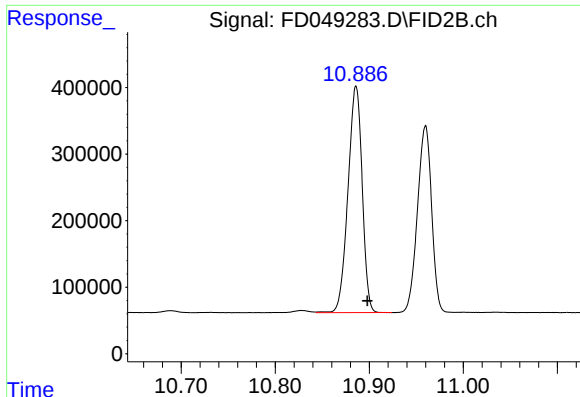
#7 Acenaphthene (C15.5)

R.T.: 8.707 min
Delta R.T.: -0.012 min
Response: 3456911
Conc: 20.06 ug/ml



#8 Fluorene (C16.55)

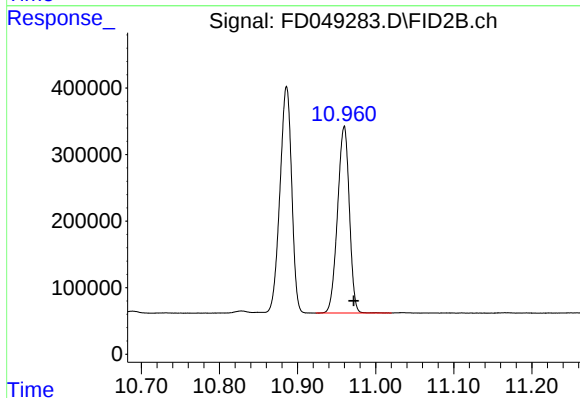
R.T.: 9.488 min
Delta R.T.: -0.011 min
Response: 3524352
Conc: 20.21 ug/ml



#9 Phenanthrene (C19.36)

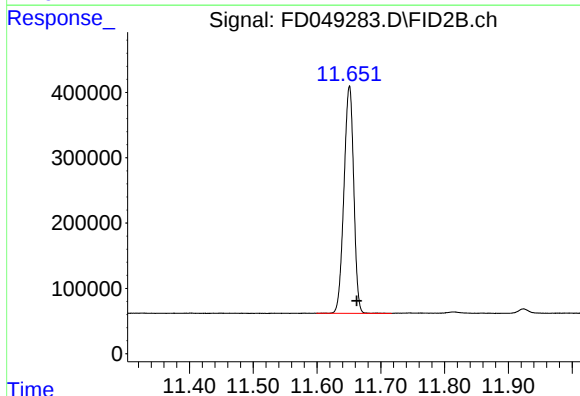
R.T.: 10.886 min
Delta R.T.: -0.012 min
Response: 3567618
Conc: 20.79 ug/ml

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20 PPM AROMATIC HC STD



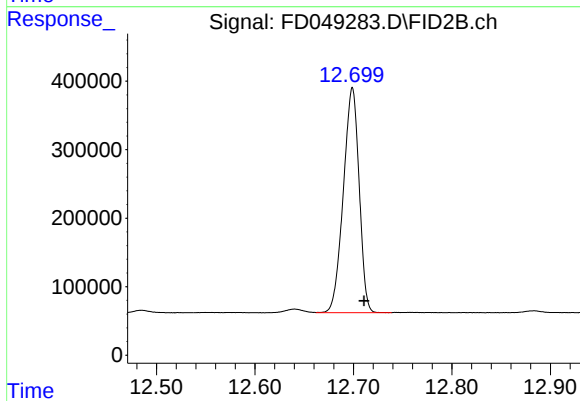
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: -0.012 min
Response: 2944681
Conc: 18.74 ug/ml



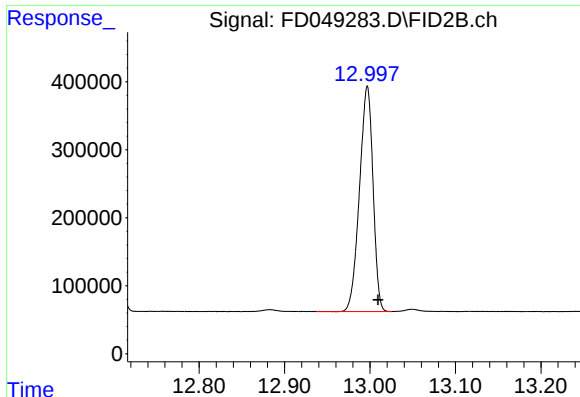
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.011 min
Response: 3698255
Conc: 20.99 ug/ml



#12 Fluoranthene (C21.85)

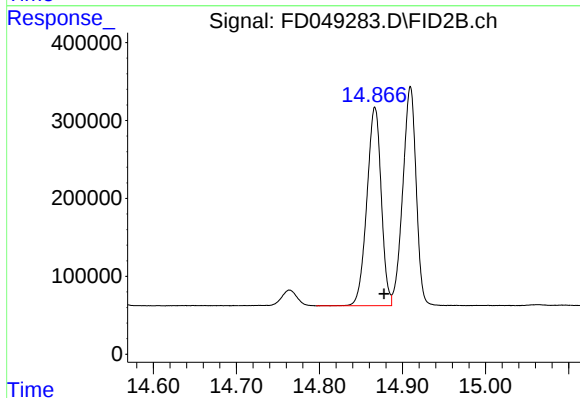
R.T.: 12.699 min
Delta R.T.: -0.012 min
Response: 3660071
Conc: 21.65 ug/ml



#13 Pyrene (C20.8)

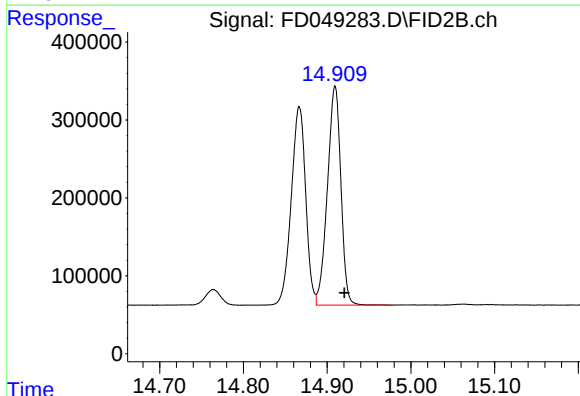
R.T.: 12.997 min
Delta R.T.: -0.012 min
Response: 3646623
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



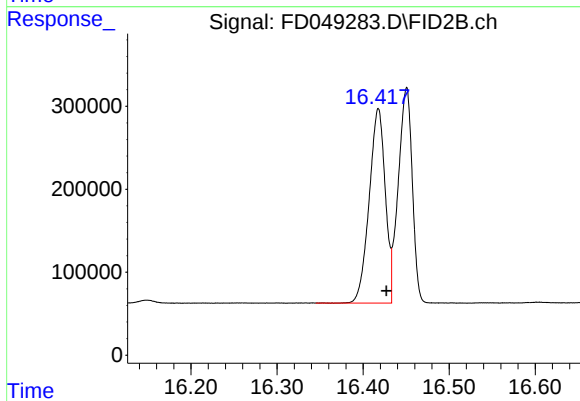
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.867 min
Delta R.T.: -0.011 min
Response: 3061186
Conc: 21.30 ug/ml



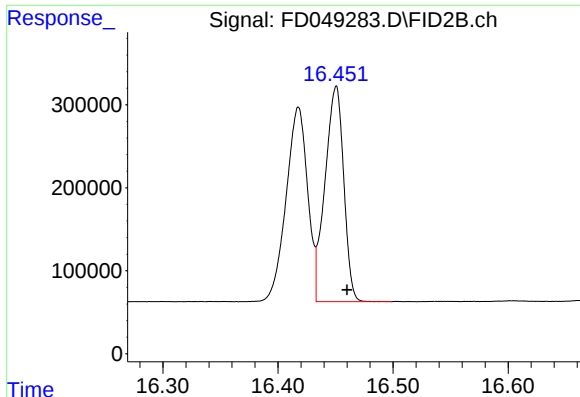
#15 Chrysene (C27.41)

R.T.: 14.910 min
Delta R.T.: -0.011 min
Response: 3145096
Conc: 21.80 ug/ml



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

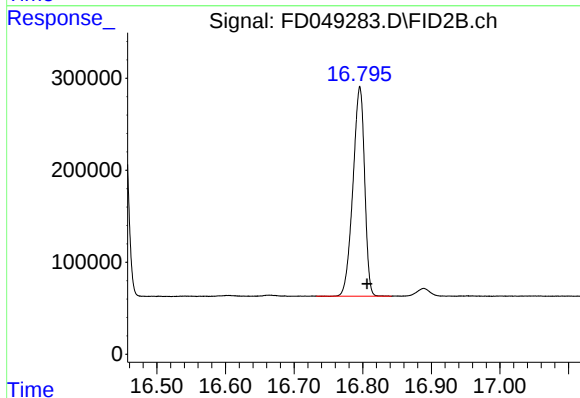
R.T.: 16.418 min
Delta R.T.: -0.010 min
Response: 3037921
Conc: 21.84 ug/ml



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

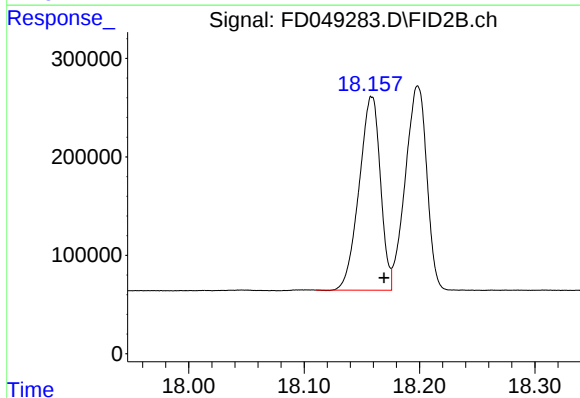
R.T.: 16.451 min
Delta R.T.: -0.009 min
Response: 2930374
Conc: 21.43 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



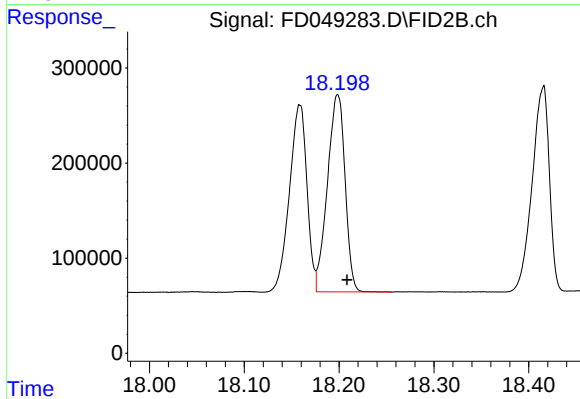
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: -0.010 min
Response: 2694381
Conc: 20.72 ug/ml



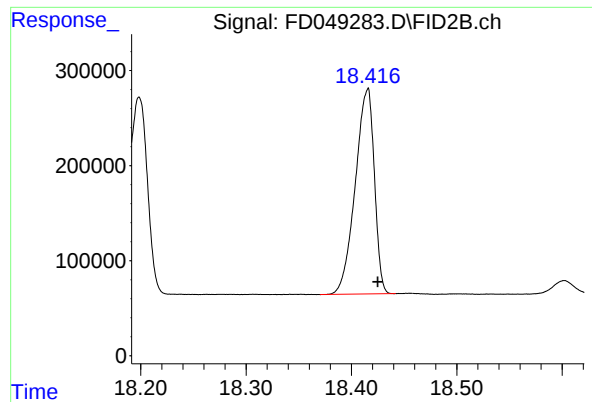
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: -0.011 min
Response: 2519185
Conc: 20.44 ug/ml



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

R.T.: 18.199 min
Delta R.T.: -0.010 min
Response: 2687191
Conc: 21.25 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.010 min
Response: 2716596
Conc: 20.81 ug/ml

Instrument :

FID_D

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20 PPM AROMATIC HC STD