

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049280.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 21:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 01:06:20 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

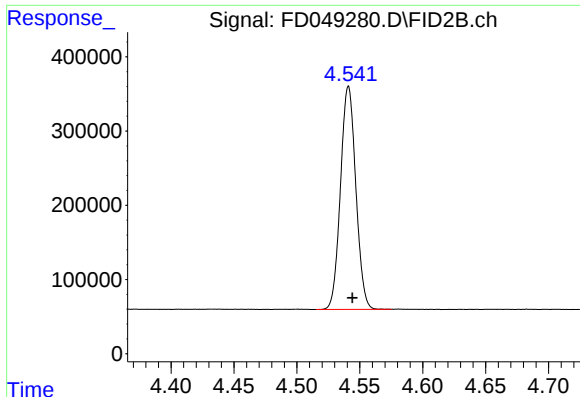
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.747	2481508	16.752 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
6) S 2-Fluorobiphenyl (SURR)	8.613	1747464	17.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.26%
11) S ortho-Terphenyl (SURR)	11.654	2947296	16.729 ug/ml
Spiked Amount 50.000		Recovery =	33.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	2550951	17.023 ug/ml
2) T Naphthalene (C11.7)	6.085	2724531	16.640 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	2728423	16.868 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2908316	16.465 ug/ml
7) T Acenaphthene (C15.5)	8.712	2858196	16.590 ug/ml
8) T Flouorene (C16.55)	9.492	2940163	16.861 ug/ml
9) T Phenanthrene (C19.36)	10.890	2978354	17.355 ug/ml
10) T Anthracene (C19.43)	10.964	2563229	16.316 ug/ml
12) T Fluoranthene (C21.85)	12.702	2975132	17.601 ug/ml
13) T Pyrene (C20.8)	13.000	2964389	17.675 ug/ml
14) T Benzo[a]anthracene (C...	14.869	2629309	18.291 ug/ml
15) T Chrysene (C27.41)	14.912	2654193	18.394 ug/ml
16) T benzo[b]fluoranthene ...	16.419	2552320	18.346 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	2508304	18.340 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	2369094	18.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	2273445	18.442 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2548203	20.152 ug/ml
21) T Benzo[g,h,i]perylene ...	18.418	2420748	18.543 ug/ml

(f)=RT Delta > 1/2 Window

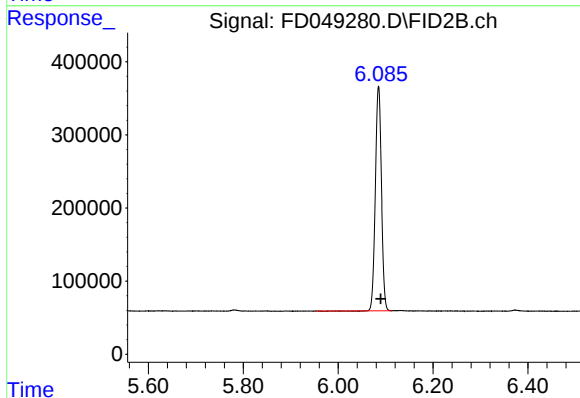
(m)=manual int.



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

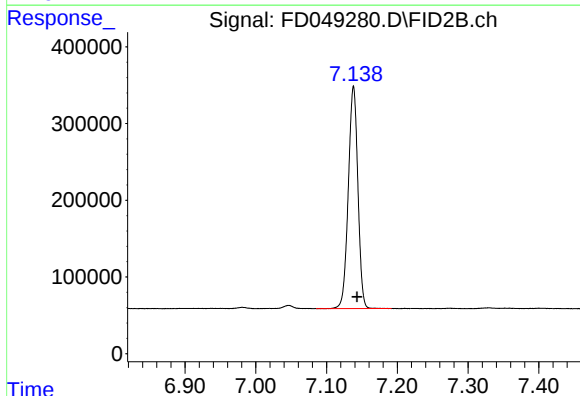
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 2550951
Conc: 17.02 ug/ml

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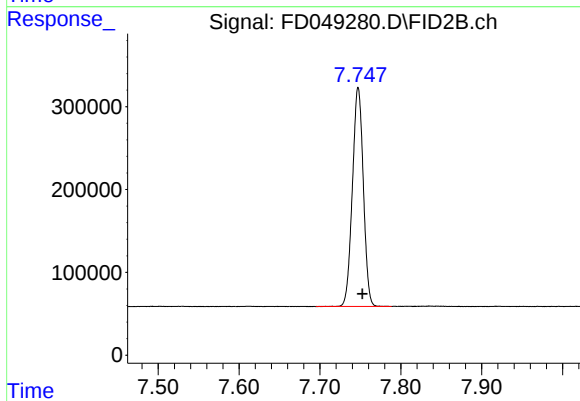
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 2724531
Conc: 16.64 ug/ml



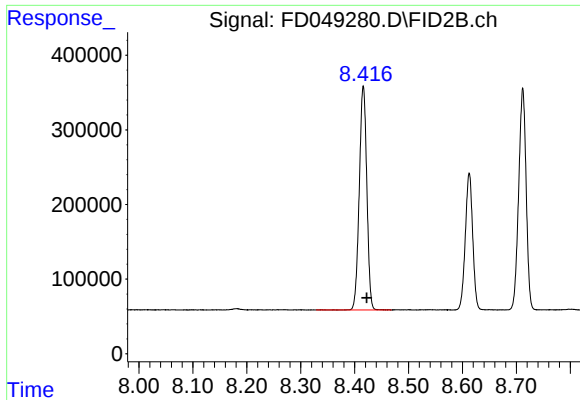
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 2728423
Conc: 16.87 ug/ml



#4 2-Bromonaphthalene (SURR)

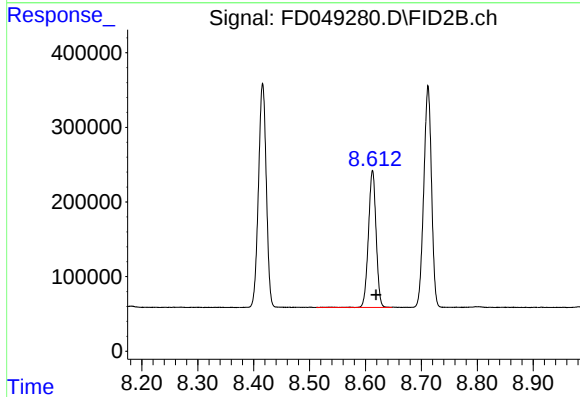
R.T.: 7.747 min
Delta R.T.: -0.005 min
Response: 2481508
Conc: 16.75 ug/ml



#5 Acenaphthylene (C15.06)

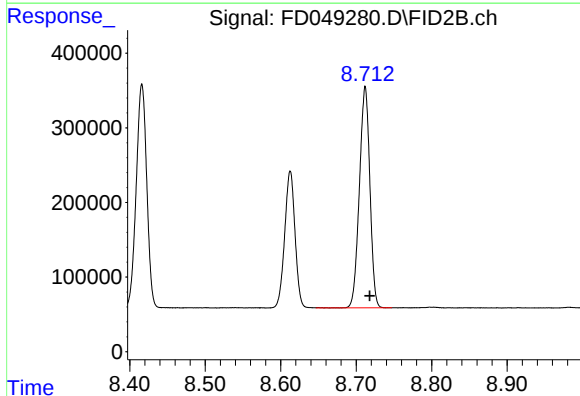
R.T.: 8.416 min
Delta R.T.: -0.007 min
Response: 2908316
Conc: 16.46 ug/ml

Instrument :
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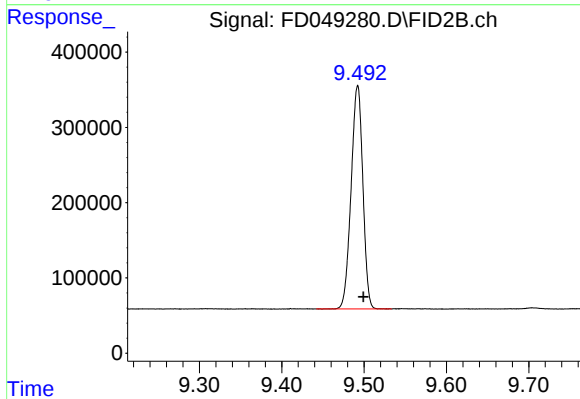
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.613 min
Delta R.T.: -0.006 min
Response: 1747464
Conc: 17.13 ug/ml



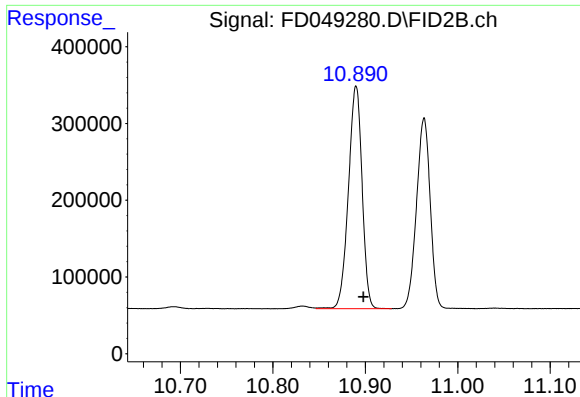
#7 Acenaphthene (C15.5)

R.T.: 8.712 min
Delta R.T.: -0.006 min
Response: 2858196
Conc: 16.59 ug/ml



#8 Fluorene (C16.55)

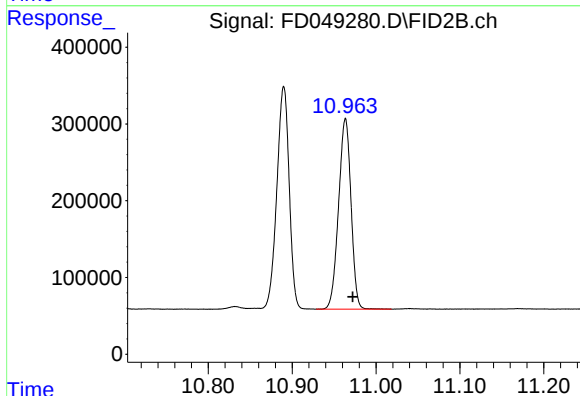
R.T.: 9.492 min
Delta R.T.: -0.007 min
Response: 2940163
Conc: 16.86 ug/ml



#9 Phenanthrene (C19.36)

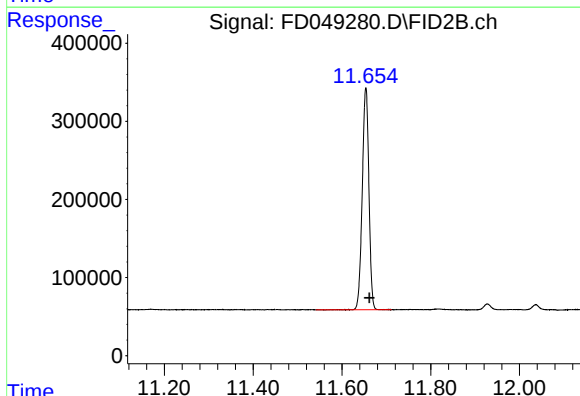
R.T.: 10.890 min
Delta R.T.: -0.008 min
Response: 2978354
Conc: 17.36 ug/ml

Instrument :
FID_D
ClientSampleId :



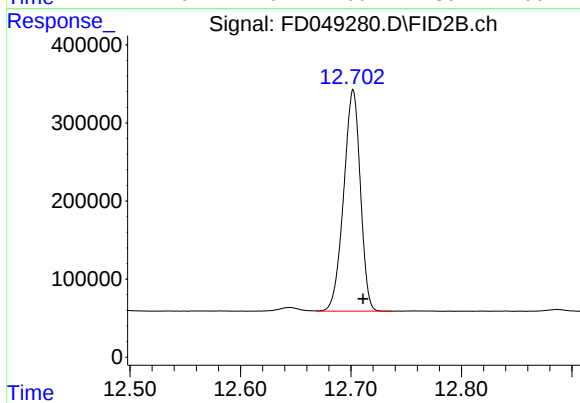
#10 Anthracene (C19.43)

R.T.: 10.964 min
Delta R.T.: -0.008 min
Response: 2563229
Conc: 16.32 ug/ml



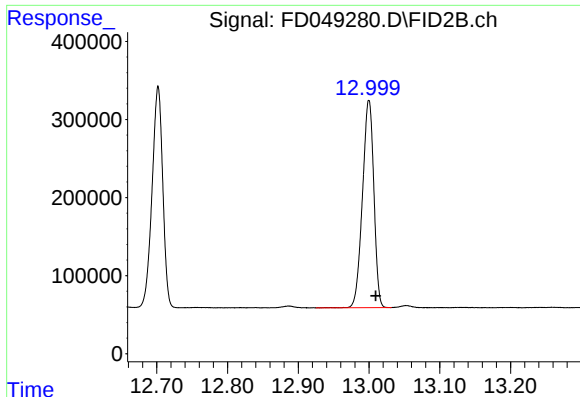
#11 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.008 min
Response: 2947296
Conc: 16.73 ug/ml



#12 Fluoranthene (C21.85)

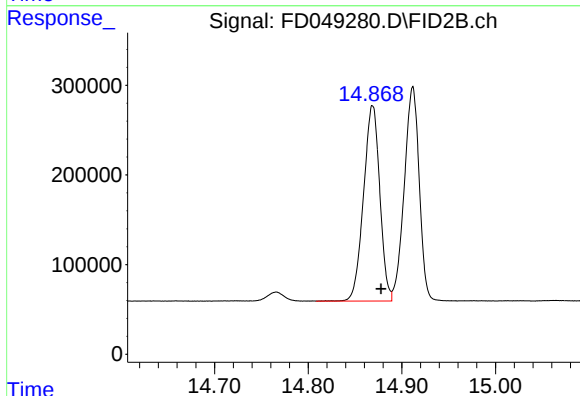
R.T.: 12.702 min
Delta R.T.: -0.009 min
Response: 2975132
Conc: 17.60 ug/ml



#13 Pyrene (C20.8)

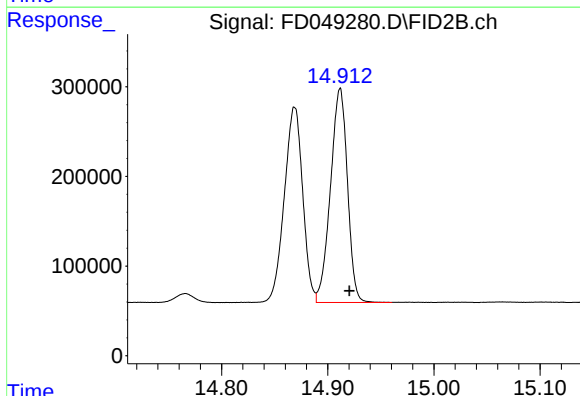
R.T.: 13.000 min
Delta R.T.: -0.009 min
Response: 2964389
Conc: 17.67 ug/ml

Instrument :
FID_D
ClientSampleId :



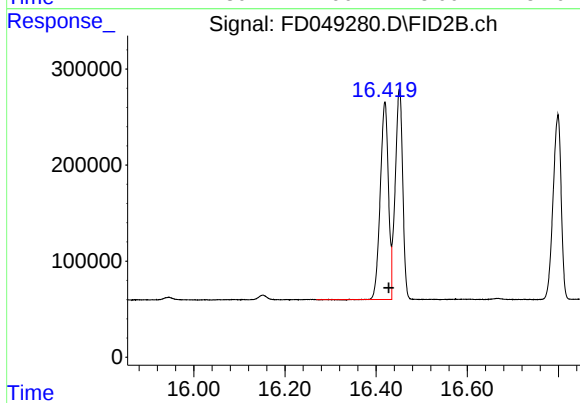
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.869 min
Delta R.T.: -0.009 min
Response: 2629309
Conc: 18.29 ug/ml



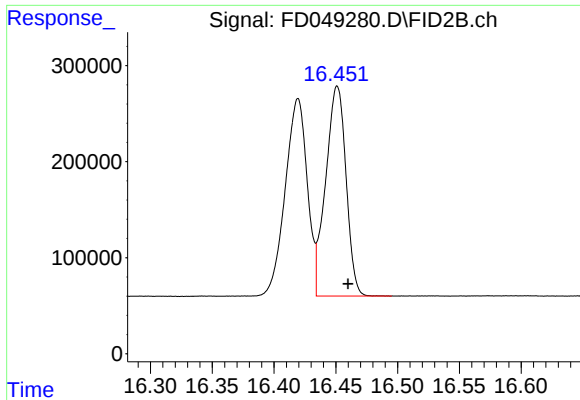
#15 Chrysene (C27.41)

R.T.: 14.912 min
Delta R.T.: -0.009 min
Response: 2654193
Conc: 18.39 ug/ml



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

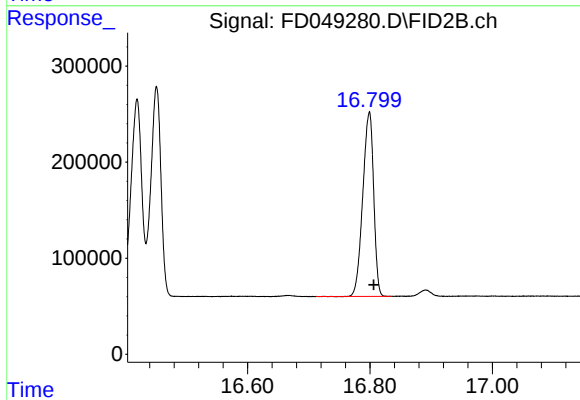
R.T.: 16.419 min
Delta R.T.: -0.008 min
Response: 2552320
Conc: 18.35 ug/ml



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

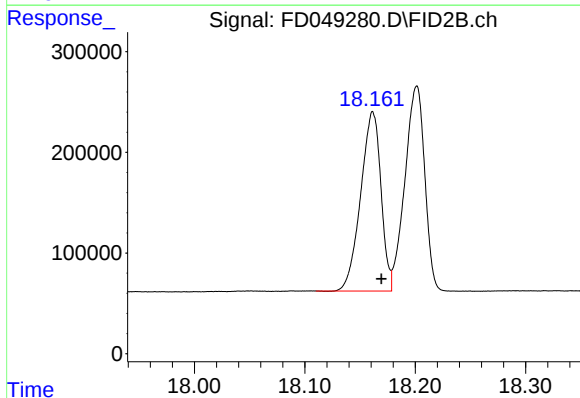
R.T.: 16.451 min
Delta R.T.: -0.009 min
Response: 2508304
Conc: 18.34 ug/ml

Instrument :
FID_D
ClientSampleId :



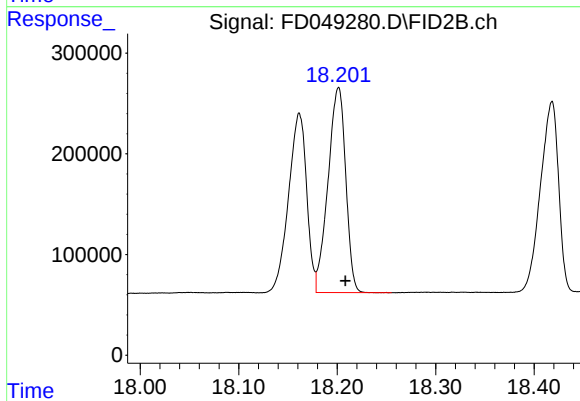
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: -0.007 min
Response: 2369094
Conc: 18.22 ug/ml



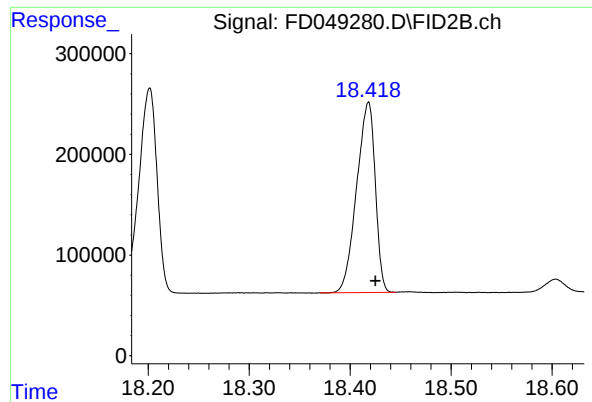
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.162 min
Delta R.T.: -0.008 min
Response: 2273445
Conc: 18.44 ug/ml



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

R.T.: 18.201 min
Delta R.T.: -0.007 min
Response: 2548203
Conc: 20.15 ug/ml



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

R.T.: 18.418 min
Delta R.T.: -0.007 min
Response: 2420748
Conc: 18.54 ug/ml

Instrument :

FID_D

ClientSampleId :