

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082725AR\
 Data File : FD049687.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 10:56
 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: Aug 28 01:50:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

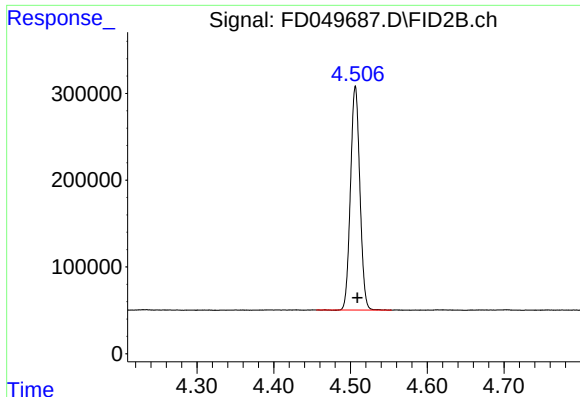
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.713	2278727	22.234 ug/ml
Spiked Amount 50.000		Recovery =	44.47%
6) S 2-Fluorobiphenyl (SURR)	8.578	1637474	22.417 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.83%
11) S ortho-Terphenyl (SURR)	11.624	2882767	22.210 ug/ml
Spiked Amount 50.000		Recovery =	44.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2189029	21.626 ug/ml
2) T Naphthalene (C11.7)	6.049	2534850	22.108 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2660042	22.298 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2749964	21.875 ug/ml
7) T Acenaphthene (C15.5)	8.678	2792678	22.211 ug/ml
8) T Flouorene (C16.55)	9.459	2822437	22.293 ug/ml
9) T Phenanthrene (C19.36)	10.857	2844846	22.023 ug/ml
10) T Anthracene (C19.43)	10.931	2302036	18.686 ug/ml
12) T Fluoranthene (C21.85)	12.672	2786641	21.768 ug/ml
13) T Pyrene (C20.8)	12.969	2736847	21.556 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2396558	20.768 ug/ml
15) T Chrysene (C27.41)	14.883	2502395	21.373 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2415716	21.240 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2259187	21.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2243830	20.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2155181	20.908 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2616769	24.007 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2308817	21.128 ug/ml

(f)=RT Delta > 1/2 Window

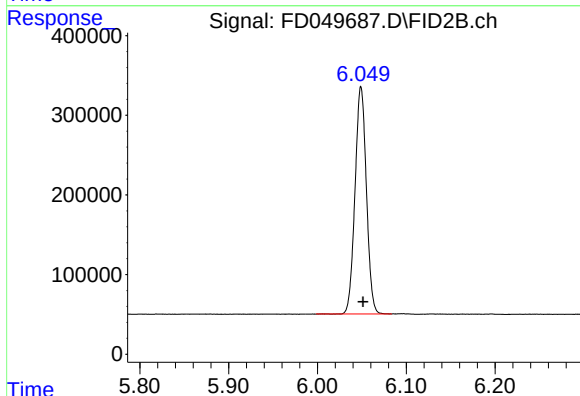
(m)=manual int.



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

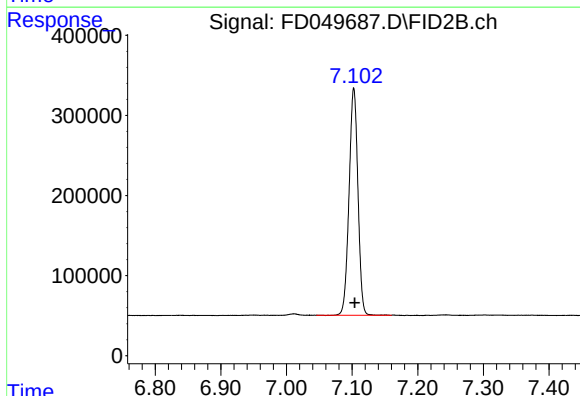
R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 2189029
Conc: 21.63 ug/ml

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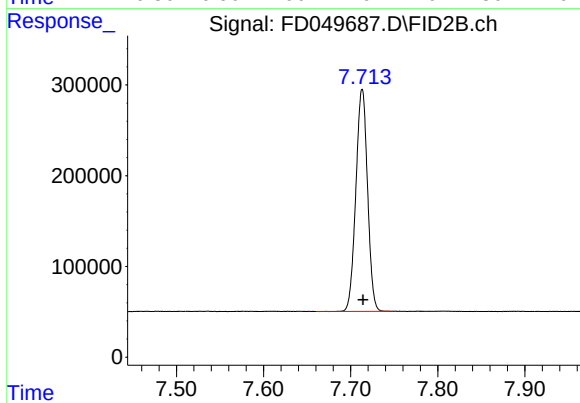
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 2534850
Conc: 22.11 ug/ml



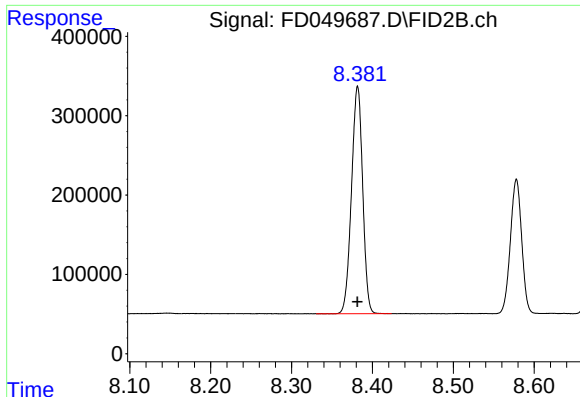
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 2660042
Conc: 22.30 ug/ml



#4 2-Bromonaphthalene (SURR)

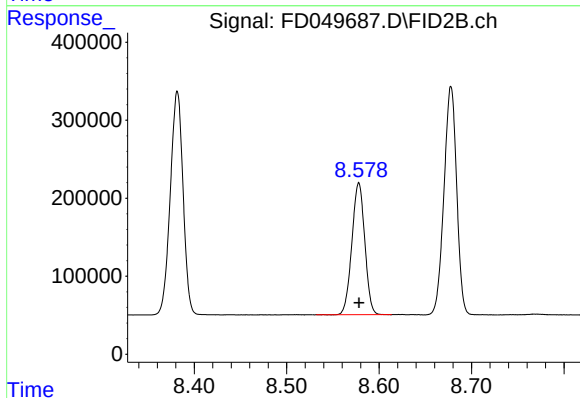
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 2278727
Conc: 22.23 ug/ml



#5 Acenaphthylene (C15.06)

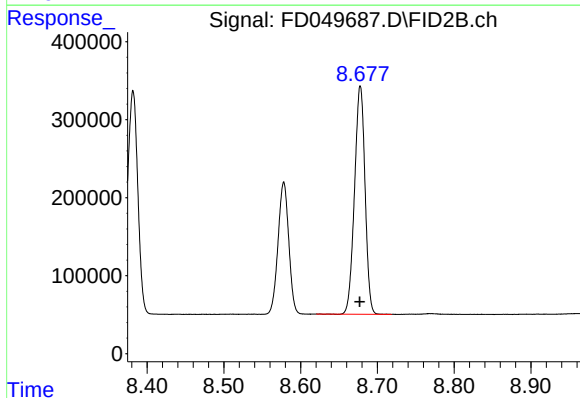
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2749964
Conc: 21.88 ug/ml

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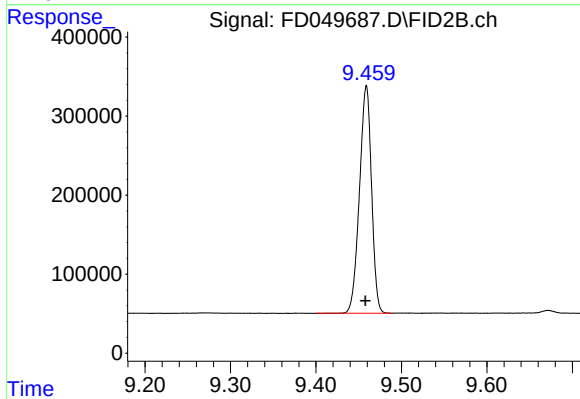
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1637474
Conc: 22.42 ug/ml



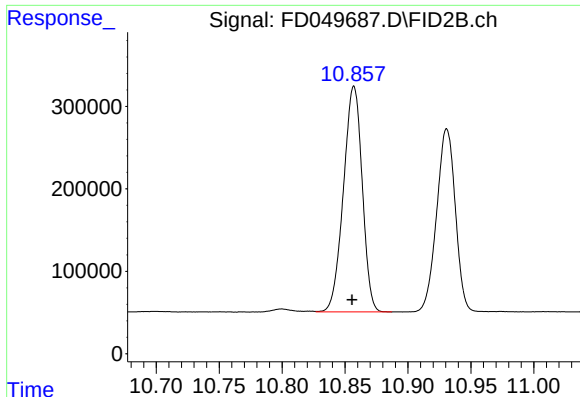
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2792678
Conc: 22.21 ug/ml



#8 Fluorene (C16.55)

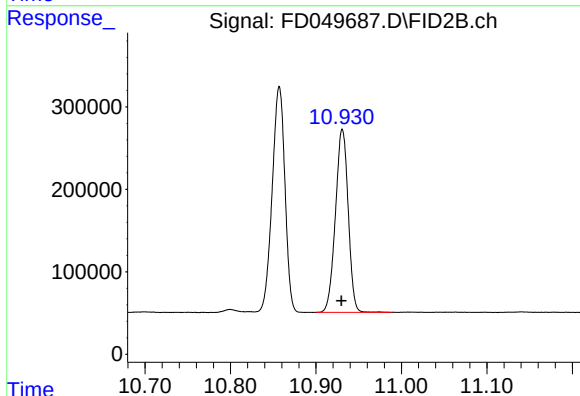
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 2822437
Conc: 22.29 ug/ml



#9 Phenanthrene (C19.36)

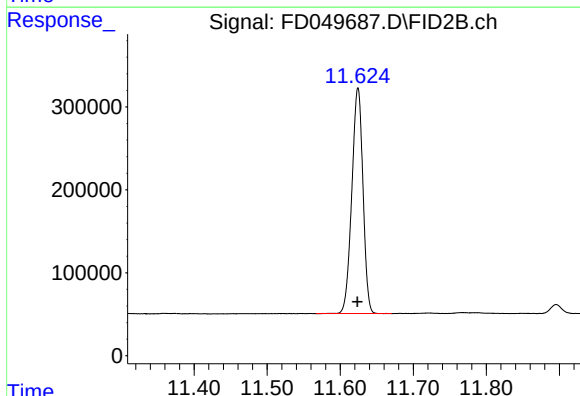
R.T.: 10.857 min
Delta R.T.: 0.002 min
Response: 2844846
Conc: 22.02 ug/ml

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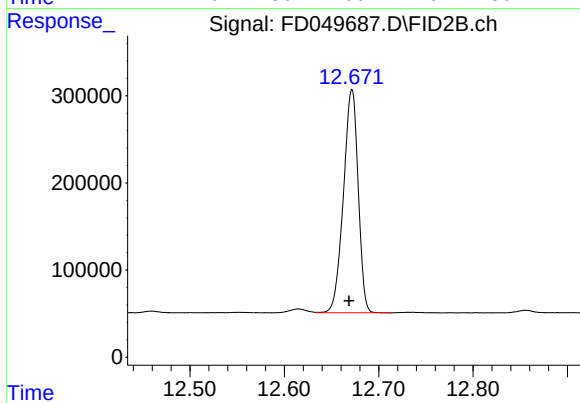
#10 Anthracene (C19.43)

R.T.: 10.931 min
Delta R.T.: 0.001 min
Response: 2302036
Conc: 18.69 ug/ml



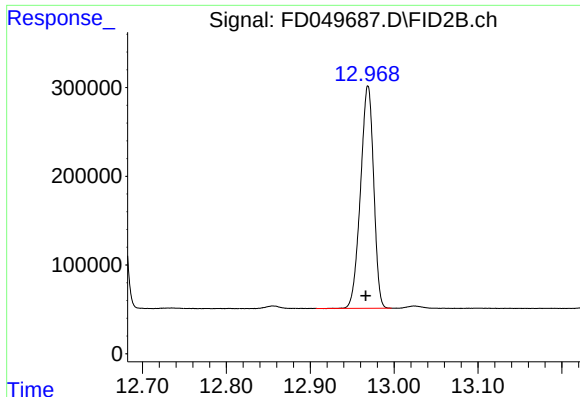
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2882767
Conc: 22.21 ug/ml



#12 Fluoranthene (C21.85)

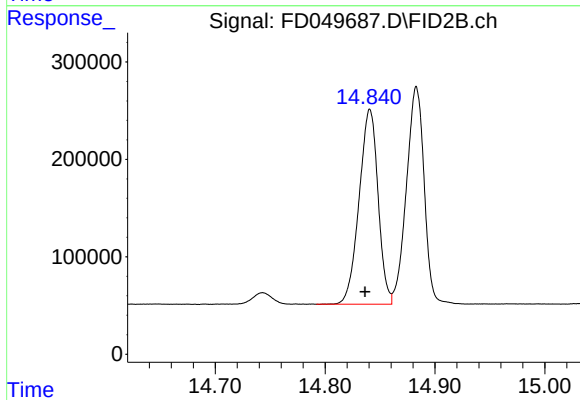
R.T.: 12.672 min
Delta R.T.: 0.003 min
Response: 2786641
Conc: 21.77 ug/ml



#13 Pyrene (C20.8)

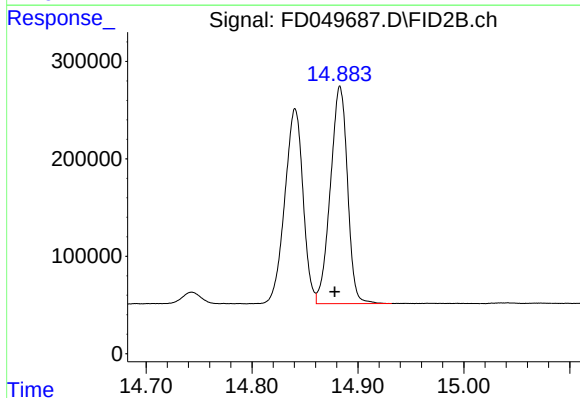
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2736847
Conc: 21.56 ug/ml

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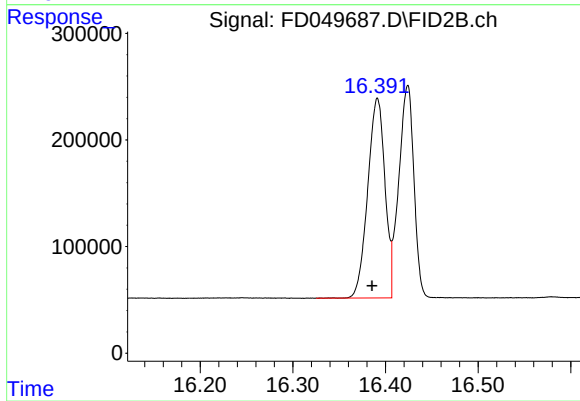
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.004 min
Response: 2396558
Conc: 20.77 ug/ml



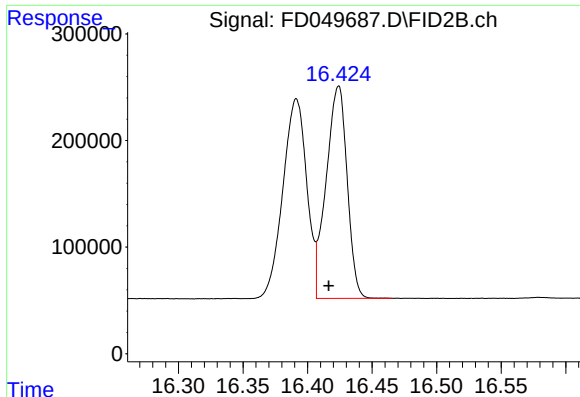
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2502395
Conc: 21.37 ug/ml



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

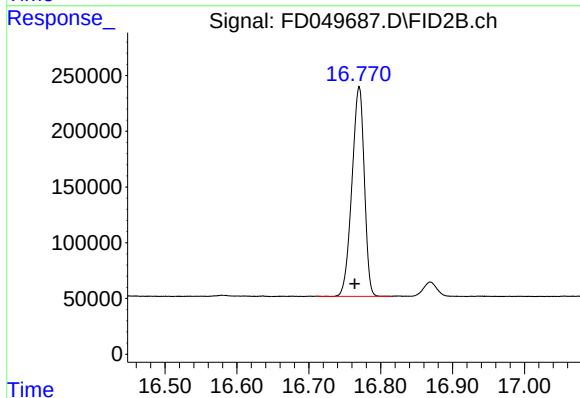
R.T.: 16.391 min
Delta R.T.: 0.006 min
Response: 2415716
Conc: 21.24 ug/ml



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

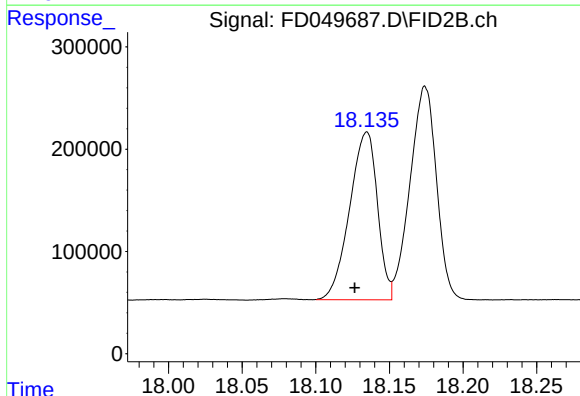
R.T.: 16.424 min
Delta R.T.: 0.008 min
Response: 2259187
Conc: 21.10 ug/ml

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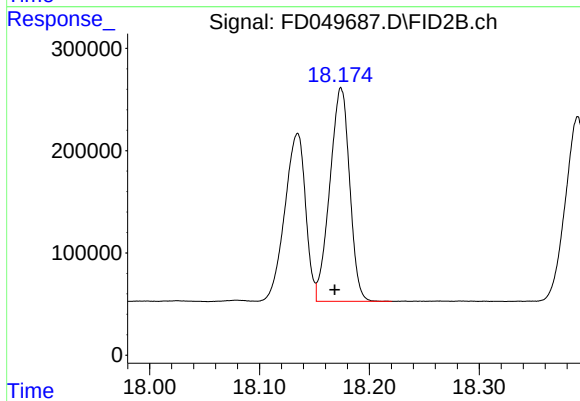
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.006 min
Response: 2243830
Conc: 20.23 ug/ml



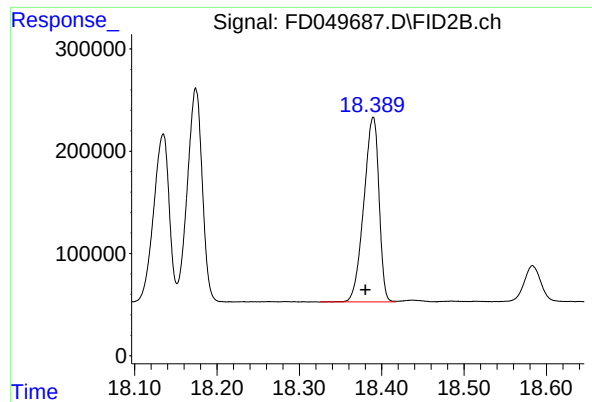
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.135 min
Delta R.T.: 0.008 min
Response: 2155181
Conc: 20.91 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.006 min
Response: 2616769
Conc: 24.01 ug/ml



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

R.T.: 18.390 min
Delta R.T.: 0.010 min
Response: 2308817
Conc: 21.13 ug/ml

Instrument :

FID_D

ClientSampleId :

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