

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049621.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 15:46
 Operator : YP/AJ
 Sample : Q2743-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC1MS

Integration File: autoint1.e
 Quant Time: Aug 13 00:30:19 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

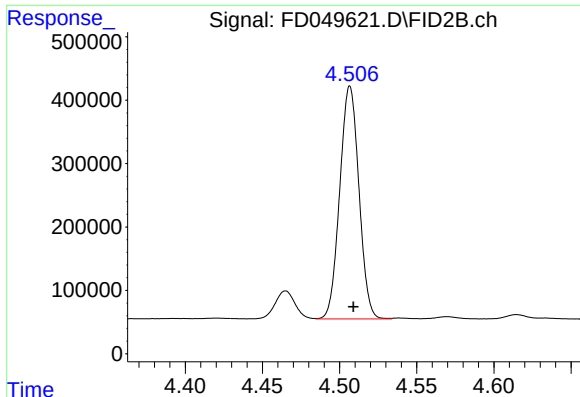
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.716	5128962	50.045 ug/ml
Spiked Amount 50.000		Recovery =	100.09%
6) S 2-Fluorobiphenyl (SURR)	8.581	3671237	50.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.52%
11) S ortho-Terphenyl (SURR)	11.627	4343758	33.466 ug/ml
Spiked Amount 50.000		Recovery =	66.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3178584	31.403 ug/ml
2) T Naphthalene (C11.7)	6.050	3870728	33.758 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	3842556	32.211 ug/ml
5) T Acenaphthylene (C15.06)	8.384	4562735	36.295 ug/ml
7) T Acenaphthene (C15.5)	8.681	4587927	36.489 ug/ml
8) T Flouorene (C16.55)	9.463	4888454	38.611 ug/ml
9) T Phenanthrene (C19.36)	10.862	5388822	41.716 ug/ml
10) T Anthracene (C19.43)	10.937	5124029	41.593 ug/ml
12) T Fluoranthene (C21.85)	12.678	5802918	45.329 ug/ml
13) T Pyrene (C20.8)	12.976	5749252	45.282 ug/ml
14) T Benzo[a]anthracene (C...	14.847	5217788	45.217 ug/ml
15) T Chrysene (C27.41)	14.892	5789473	49.448 ug/ml
16) T benzo[b]fluoranthene ...	16.399	5064596	44.530 ug/ml
17) T Bnezo[k]fluoranthene ...	16.433	4705746	43.959 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.779	4774415	43.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.145	4783636	46.408 ug/ml
20) T Dibenz[a,h]anthracene...	18.183	4281018	39.276 ug/ml
21) T Benzo[g,h,i]perylene ...	18.401	4184521	38.293 ug/ml

(f)=RT Delta > 1/2 Window

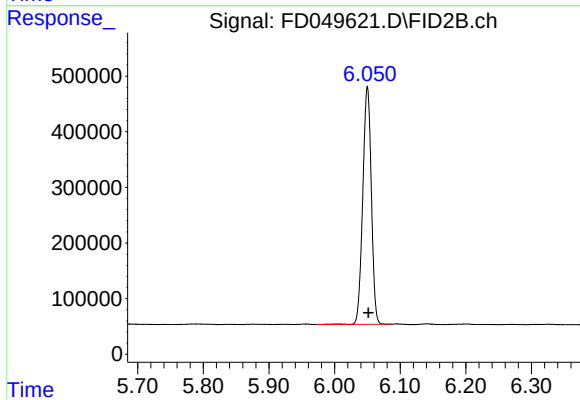
(m)=manual int.



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

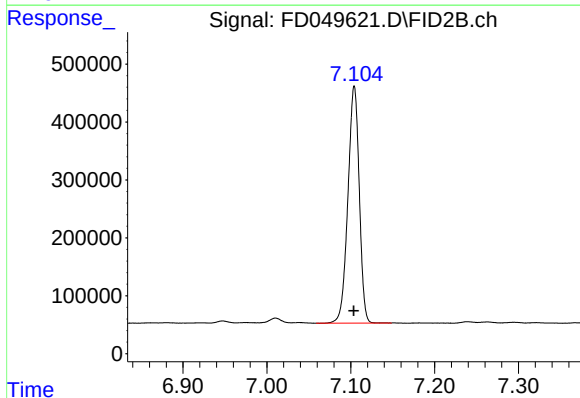
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 3178584
Conc: 31.40 ug/ml

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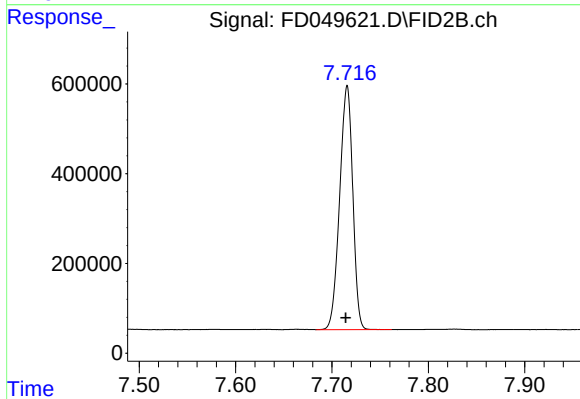
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 3870728
Conc: 33.76 ug/ml



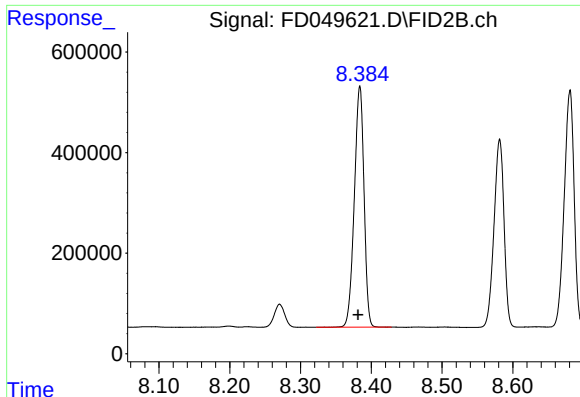
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 3842556
Conc: 32.21 ug/ml



#4 2-Bromonaphthalene (SURR)

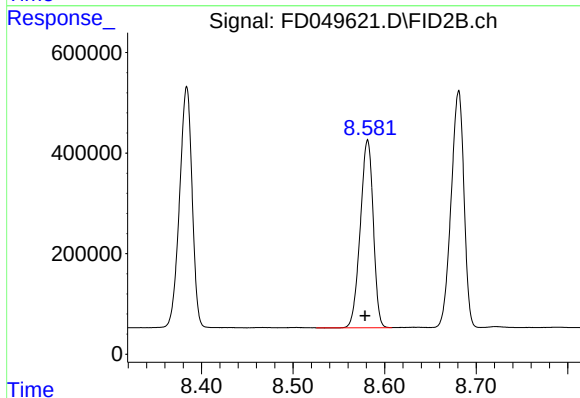
R.T.: 7.716 min
Delta R.T.: 0.001 min
Response: 5128962
Conc: 50.05 ug/ml



#5 Acenaphthylene (C15.06)

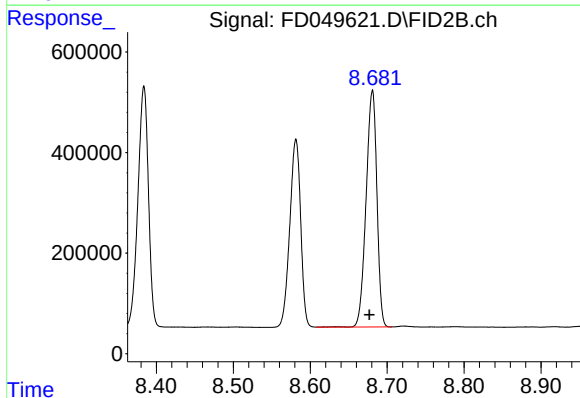
R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 4562735
Conc: 36.30 ug/ml

Instrument :
FID_D
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WC1MS



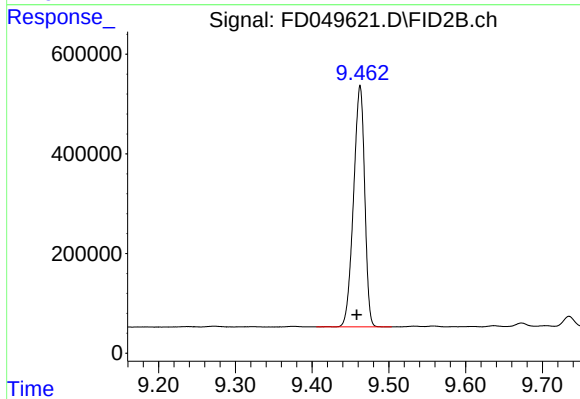
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.581 min
Delta R.T.: 0.003 min
Response: 3671237
Conc: 50.26 ug/ml



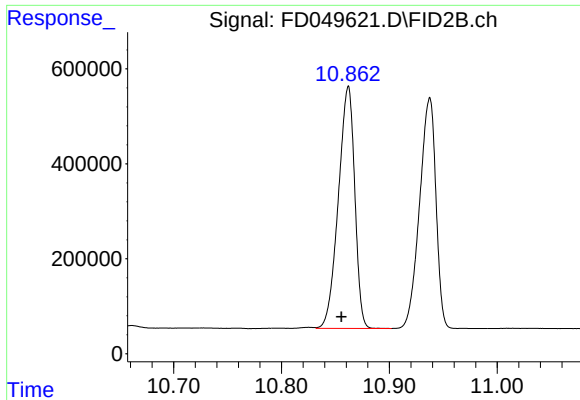
#7 Acenaphthene (C15.5)

R.T.: 8.681 min
Delta R.T.: 0.004 min
Response: 4587927
Conc: 36.49 ug/ml



#8 Fluorene (C16.55)

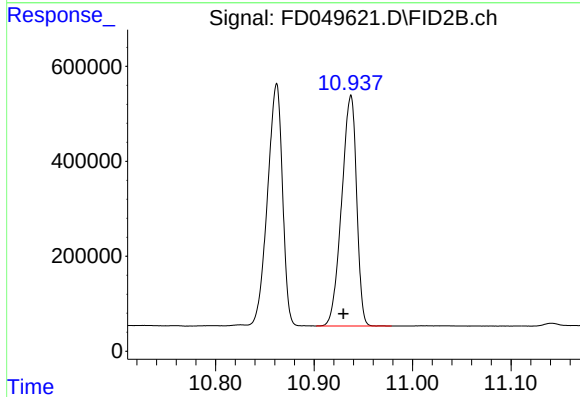
R.T.: 9.463 min
Delta R.T.: 0.005 min
Response: 4888454
Conc: 38.61 ug/ml



#9 Phenanthrene (C19.36)

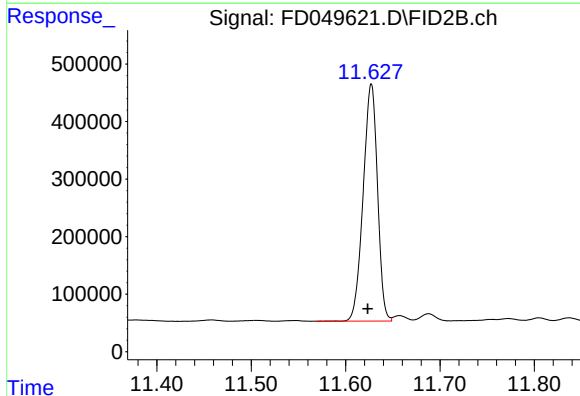
R.T.: 10.862 min
Delta R.T.: 0.006 min
Response: 5388822
Conc: 41.72 ug/ml

Instrument :
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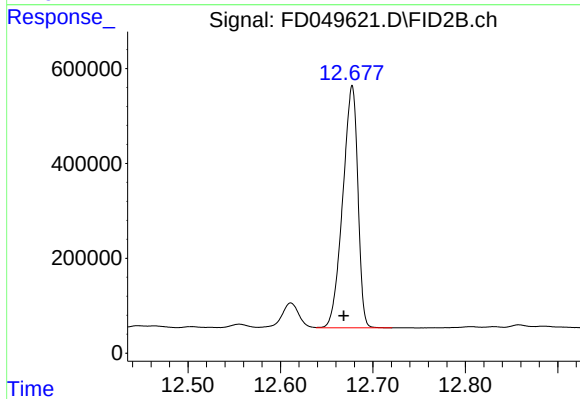
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.007 min
Response: 5124029
Conc: 41.59 ug/ml



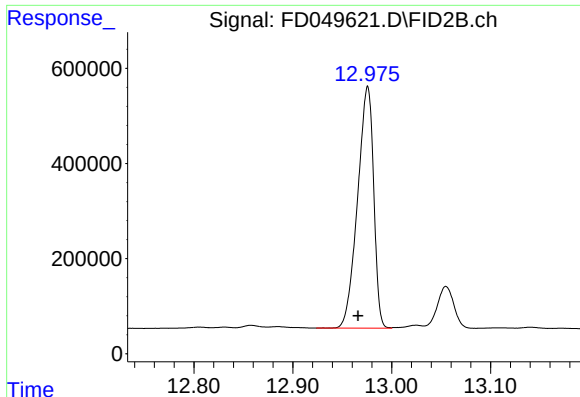
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.004 min
Response: 4343758
Conc: 33.47 ug/ml



#12 Fluoranthene (C21.85)

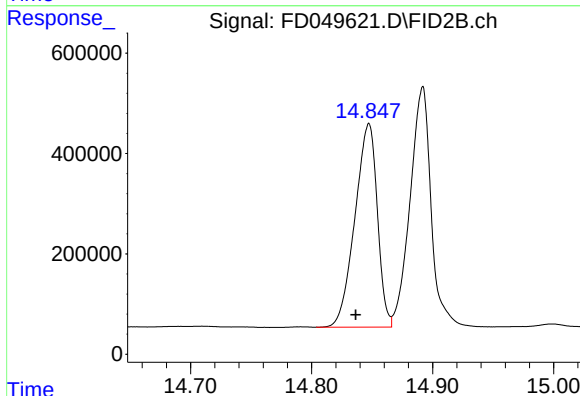
R.T.: 12.678 min
Delta R.T.: 0.009 min
Response: 5802918
Conc: 45.33 ug/ml



#13 Pyrene (C20.8)

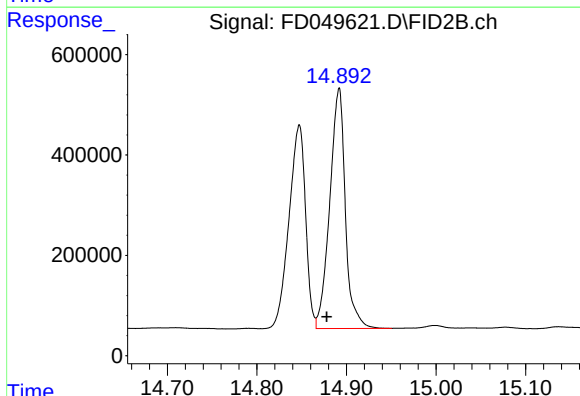
R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 5749252
Conc: 45.28 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1MS



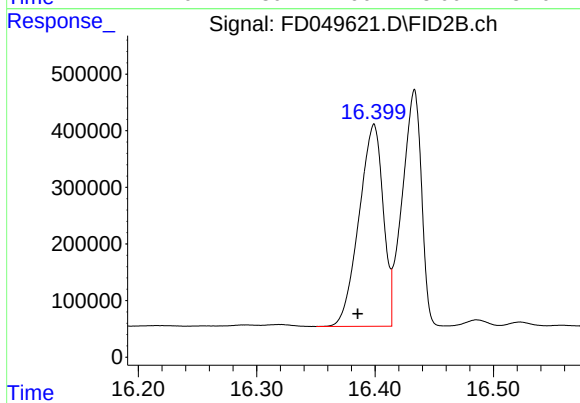
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.847 min
Delta R.T.: 0.011 min
Response: 5217788
Conc: 45.22 ug/ml



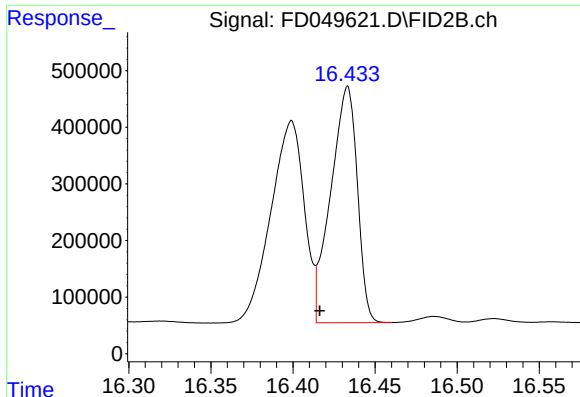
#15 Chrysene (C27.41)

R.T.: 14.892 min
Delta R.T.: 0.014 min
Response: 5789473
Conc: 49.45 ug/ml



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

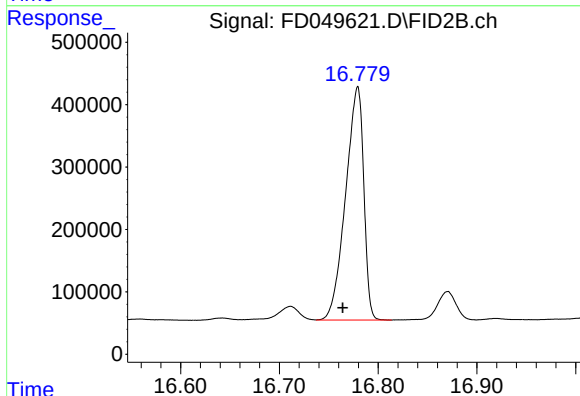
R.T.: 16.399 min
Delta R.T.: 0.014 min
Response: 5064596
Conc: 44.53 ug/ml



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

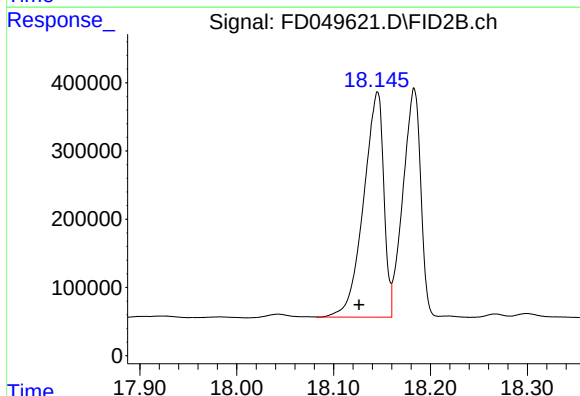
R.T.: 16.433 min
Delta R.T.: 0.017 min
Response: 4705746
Conc: 43.96 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1MS



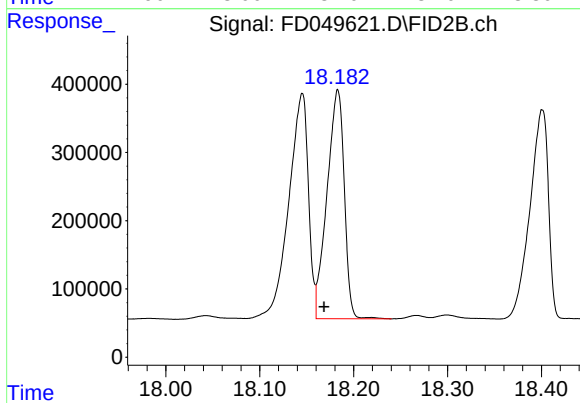
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.779 min
Delta R.T.: 0.015 min
Response: 4774415
Conc: 43.04 ug/ml



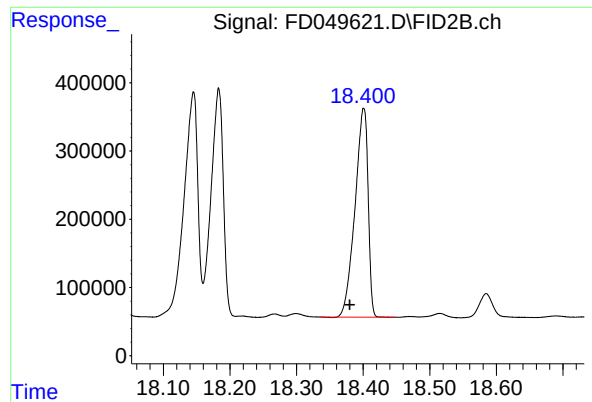
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.145 min
Delta R.T.: 0.019 min
Response: 4783636
Conc: 46.41 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.015 min
Response: 4281018
Conc: 39.28 ug/ml



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

R.T.: 18.401 min
Delta R.T.: 0.021 min
Response: 4184521
Conc: 38.29 ug/ml

Instrument :

FID_D

ClientSampleId :

WC1MS