

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AR\
 Data File : FF016822.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2025 22:41
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 01 08:12:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:08:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

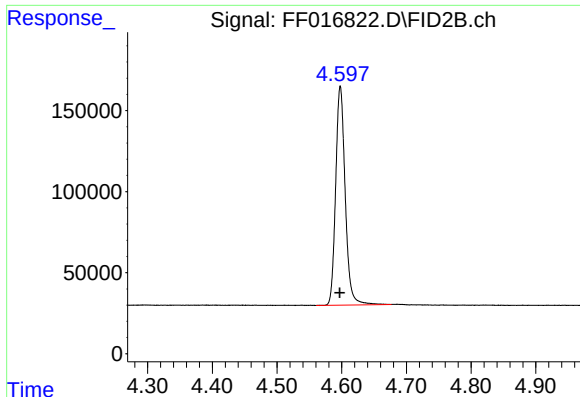
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.005	1119860	9.422 ug/ml
Spiked Amount 50.000		Recovery =	18.84%
6) S 2-Fluorobiphenyl (SURR)	8.882	652623	8.741 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.48%
11) S ortho-Terphenyl (SURR)	11.944	1469043	9.876 ug/ml
Spiked Amount 50.000		Recovery =	19.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.598	1384027	10.004 ug/ml
2) T Naphthalene (C11.7)	6.275	1334377	9.543 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	1314198	9.235 ug/ml
5) T Acenaphthylene (C15.06)	8.678	1337110	9.570 ug/ml
7) T Acenaphthene (C15.5)	8.976	1428970	9.799 ug/ml
8) T Flouorene (C16.55)	9.768	1277173	9.400 ug/ml
9) T Phenanthrene (C19.36)	11.175	1254636	9.384 ug/ml
10) T Anthracene (C19.43)	11.252	1271504	9.868 ug/ml
12) T Fluoranthene (C21.85)	12.998	1284734	9.592 ug/ml
13) T Pyrene (C20.8)	13.296	1306034	9.700 ug/ml
14) T Benzo[a]anthracene (C...	15.182	1002625	8.892 ug/ml
15) T Chrysene (C27.41)	15.224	1430438	10.372 ug/ml
16) T benzo[b]fluoranthene ...	16.743	1138579	9.340 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	1345455	10.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.128	1188852	9.626 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	902145	8.686 ug/ml
20) T Dibenz[a,h]anthracene...	18.542	1699458	10.695 ug/ml
21) T Benzo[g,h,i]perylene ...	18.756	1277517	9.799 ug/ml

(f)=RT Delta > 1/2 Window

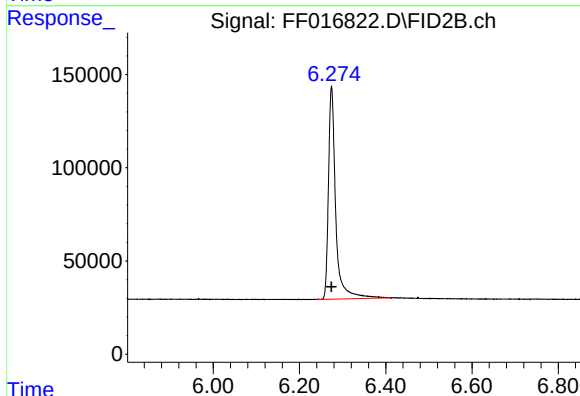
(m)=manual int.



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

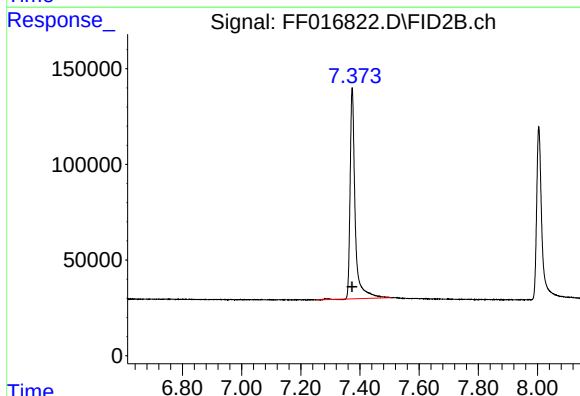
R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 1384027
Conc: 10.00 ug/ml

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10 PPM AROMATIC HC STD4



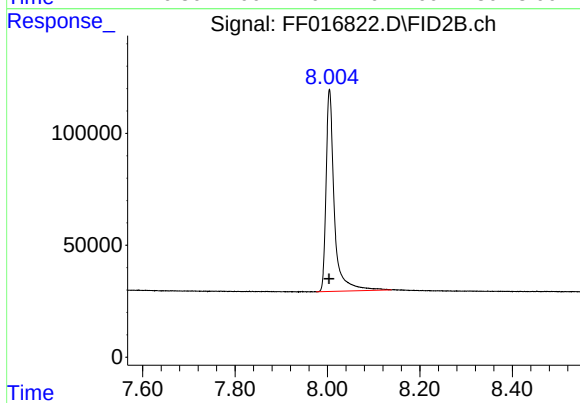
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 1334377
Conc: 9.54 ug/ml



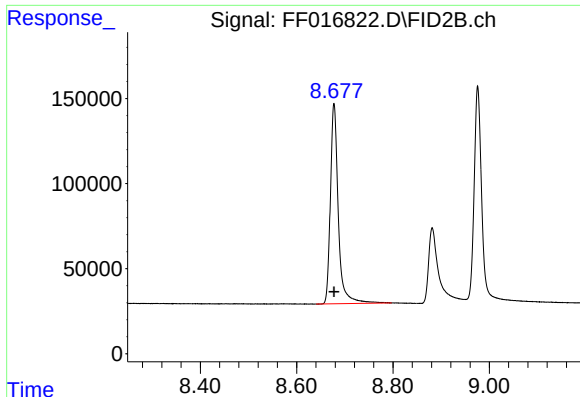
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 1314198
Conc: 9.23 ug/ml



#4 2-Bromonaphthalene (SURR)

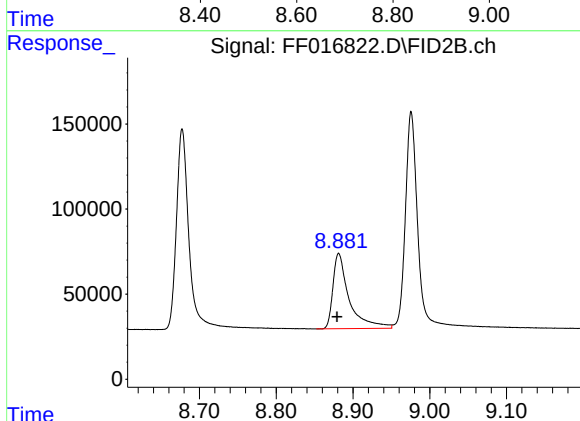
R.T.: 8.005 min
Delta R.T.: 0.001 min
Response: 1119860
Conc: 9.42 ug/ml



#5 Acenaphthylene (C15.06)

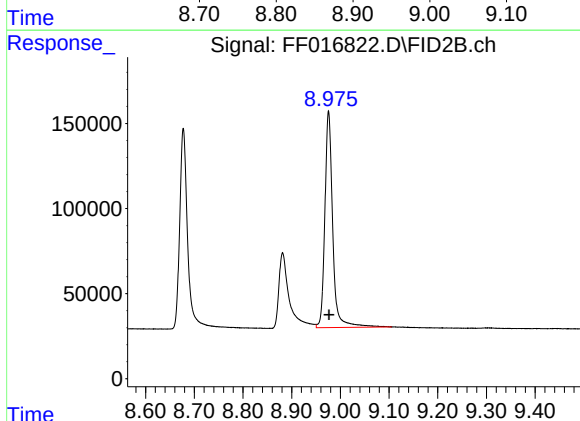
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 1337110
Conc: 9.57 ug/ml

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10 PPM AROMATIC HC STD4



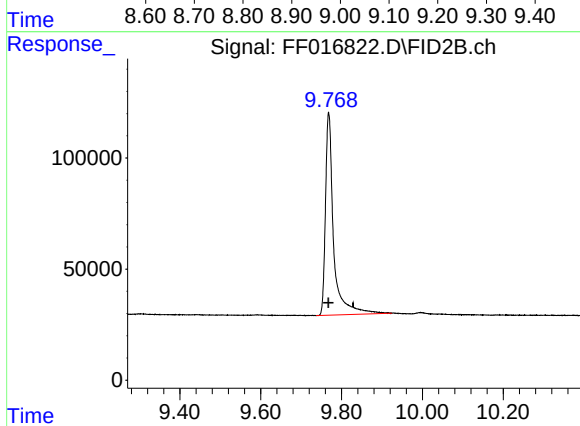
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.882 min
Delta R.T.: 0.002 min
Response: 652623
Conc: 8.74 ug/ml



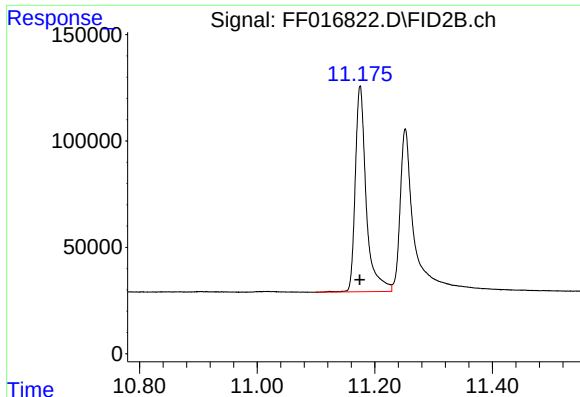
#7 Acenaphthene (C15.5)

R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 1428970
Conc: 9.80 ug/ml



#8 Fluorene (C16.55)

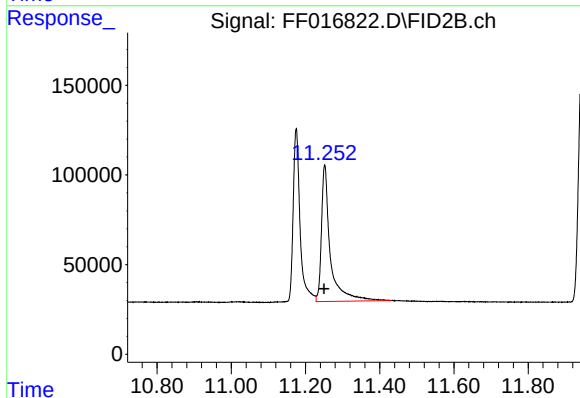
R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 1277173
Conc: 9.40 ug/ml



#9 Phenanthrene (C19.36)

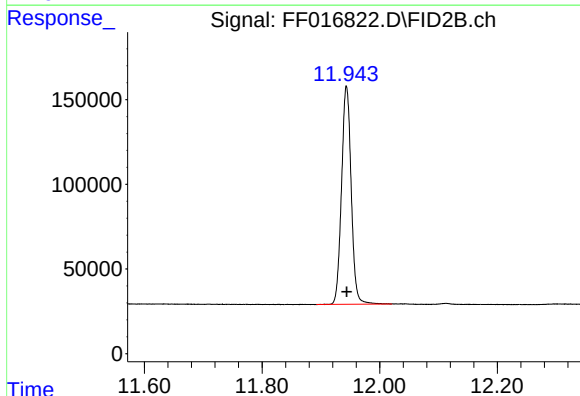
R.T.: 11.175 min
Delta R.T.: 0.000 min
Response: 1254636
Conc: 9.38 ug/ml

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10 PPM AROMATIC HC STD4



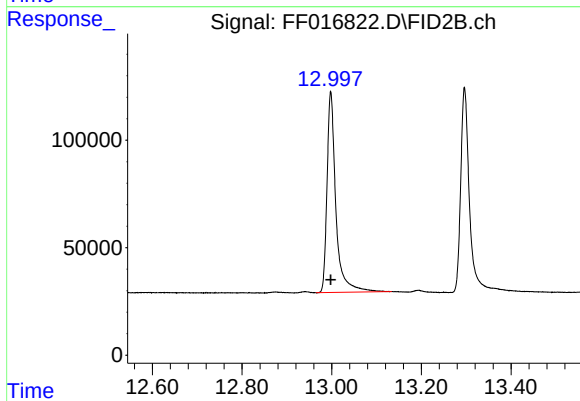
#10 Anthracene (C19.43)

R.T.: 11.252 min
Delta R.T.: 0.002 min
Response: 1271504
Conc: 9.87 ug/ml



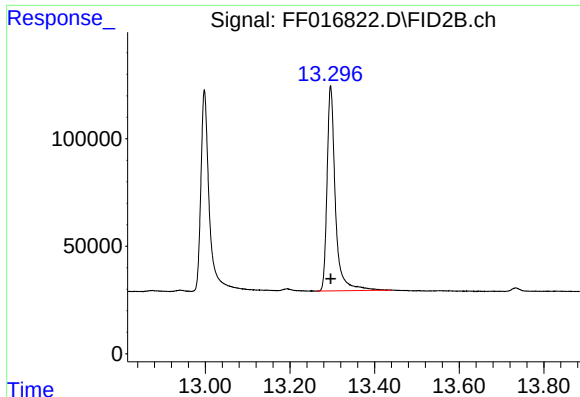
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 1469043
Conc: 9.88 ug/ml



#12 Fluoranthene (C21.85)

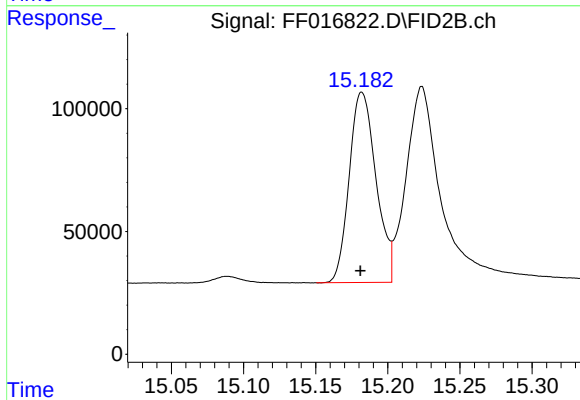
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 1284734
Conc: 9.59 ug/ml



#13 Pyrene (C20.8)

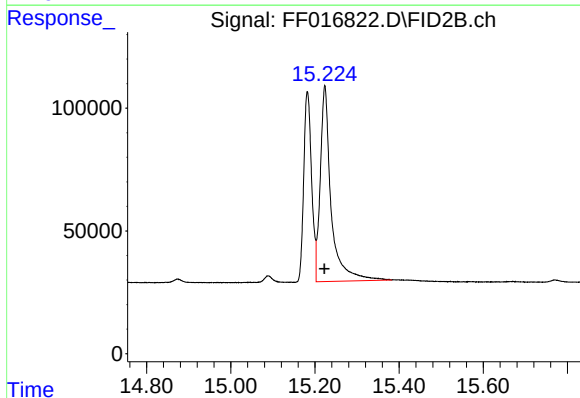
R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 1306034
Conc: 9.70 ug/ml

Instrument :
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ClientSampleId :
10 PPM AROMATIC HC STD4



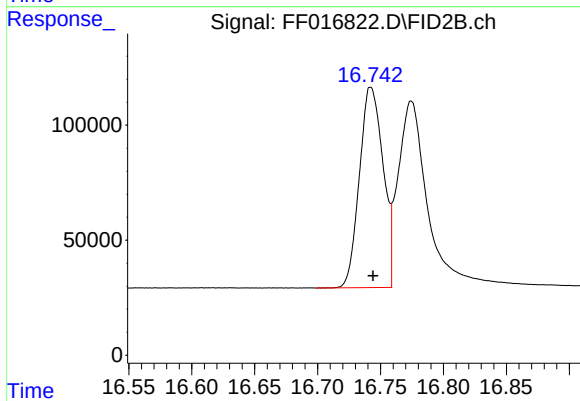
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.182 min
Delta R.T.: 0.001 min
Response: 1002625
Conc: 8.89 ug/ml



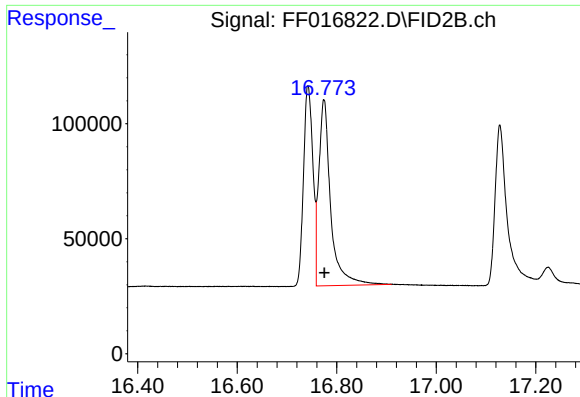
#15 Chrysene (C27.41)

R.T.: 15.224 min
Delta R.T.: 0.001 min
Response: 1430438
Conc: 10.37 ug/ml



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

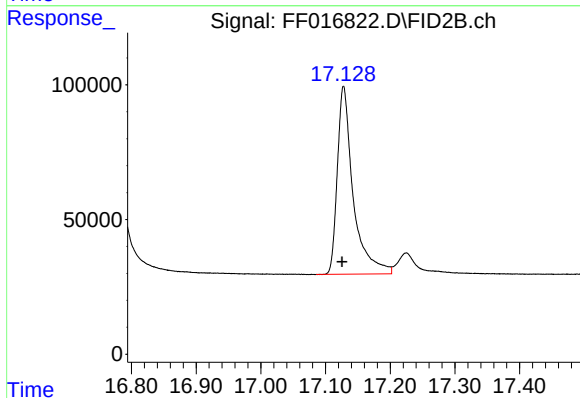
R.T.: 16.743 min
Delta R.T.: -0.002 min
Response: 1138579
Conc: 9.34 ug/ml



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

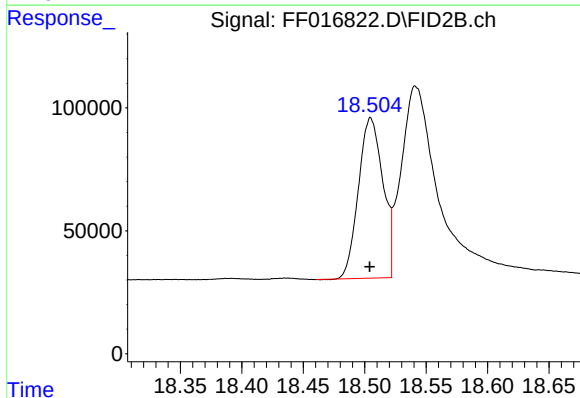
R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 1345455
Conc: 10.40 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



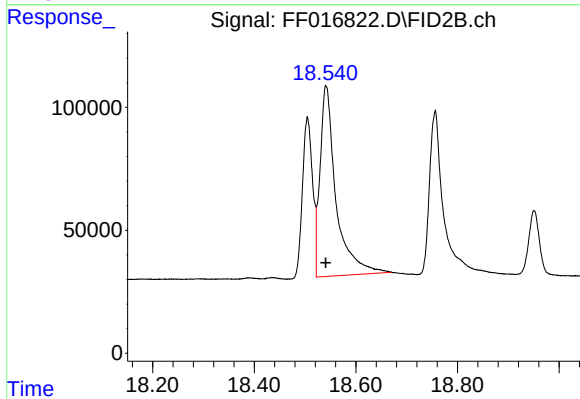
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.128 min
Delta R.T.: 0.002 min
Response: 1188852
Conc: 9.63 ug/ml



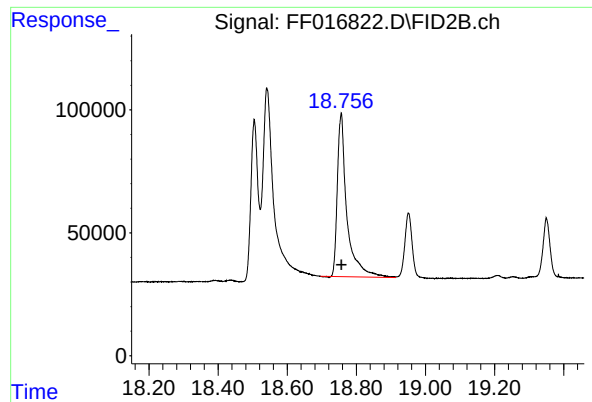
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 902145
Conc: 8.69 ug/ml



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

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 1699458
Conc: 10.70 ug/ml



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

R.T.: 18.756 min
Delta R.T.: -0.001 min
Response: 1277517
Conc: 9.80 ug/ml

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