

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016522.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 19:29
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 03 04:17:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:15:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

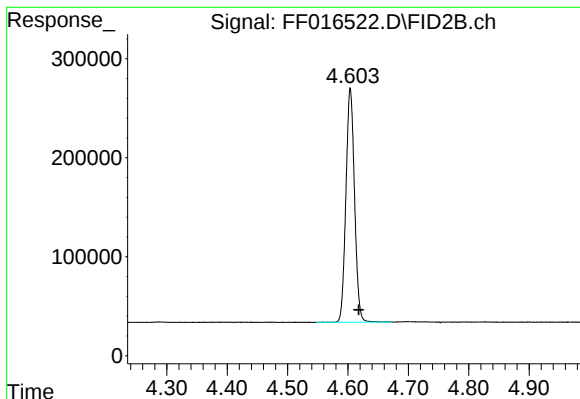
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.014	2098939	18.579 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
6) S 2-Fluorobiphenyl (SURR)	8.890	1432863	19.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.24%
11) S ortho-Terphenyl (SURR)	11.961	2621948	18.423 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2334721	18.440 ug/ml
2) T Naphthalene (C11.7)	6.283	2431294	18.720 ug/ml
3) T 2-Methylnaphthalene (...)	7.384	2464855	18.669 ug/ml
5) T Acenaphthylene (C15.06)	8.690	2427060	18.201 ug/ml
7) T Acenaphthene (C15.5)	8.990	2488619	18.810 ug/ml
8) T Flouorene (C16.55)	9.781	2478580	19.105 ug/ml
9) T Phenanthrene (C19.36)	11.189	2566487	19.170 ug/ml
10) T Anthracene (C19.43)	11.264	2547204	19.174 ug/ml
12) T Fluoranthene (C21.85)	13.014	2641168	19.146 ug/ml
13) T Pyrene (C20.8)	13.314	2488409	18.453 ug/ml
14) T Benzo[a]anthracene (C...	15.199	2378177	18.843 ug/ml
15) T Chrysene (C27.41)	15.241	2581044	18.616 ug/ml
16) T benzo[b]fluoranthene ...	16.762	2304362	18.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	2246691	18.015 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	2304553	18.962 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	1953221	18.611 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2420974	18.403 ug/ml
21) T Benzo[g,h,i]perylene ...	18.773	2154485	18.792 ug/ml

(f)=RT Delta > 1/2 Window

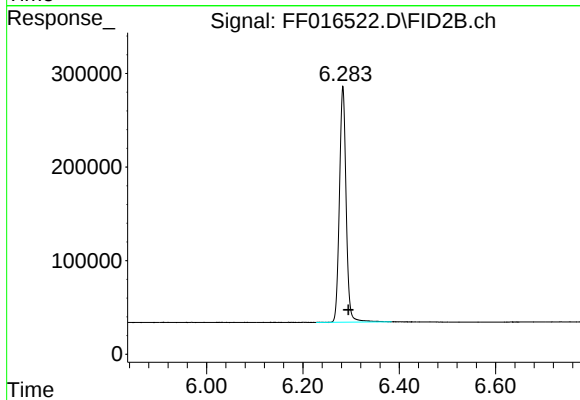
(m)=manual int.



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

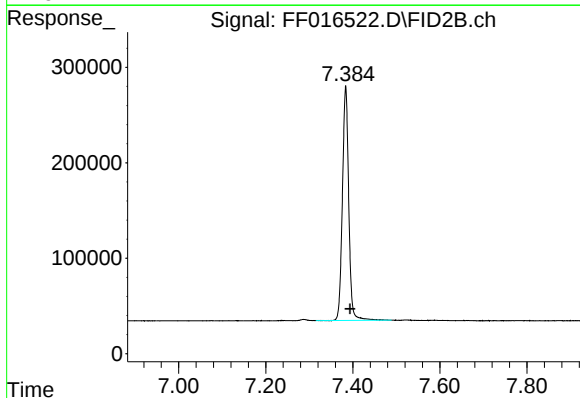
R.T.: 4.604 min
Delta R.T.: -0.014 min
Response: 2334721
Conc: 18.44 ug/ml

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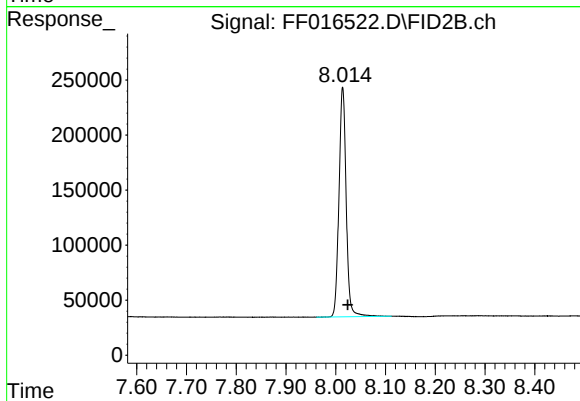
#2 Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.012 min
Response: 2431294
Conc: 18.72 ug/ml



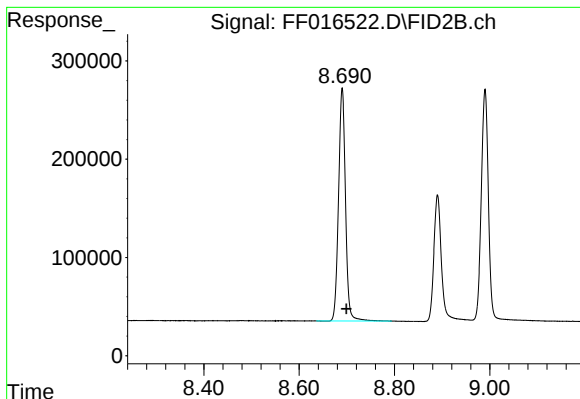
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.010 min
Response: 2464855
Conc: 18.67 ug/ml



#4 2-Bromonaphthalene (SURR)

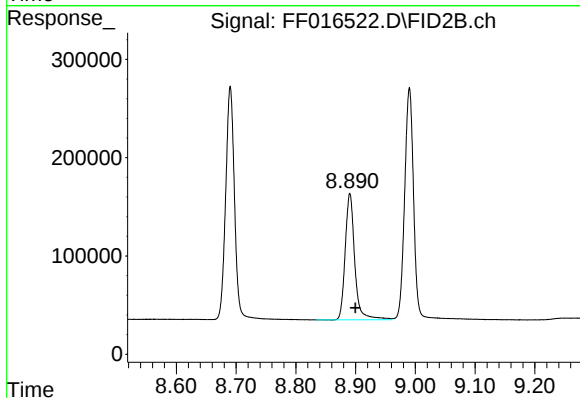
R.T.: 8.014 min
Delta R.T.: -0.010 min
Response: 2098939
Conc: 18.58 ug/ml



#5 Acenaphthylene (C15.06)

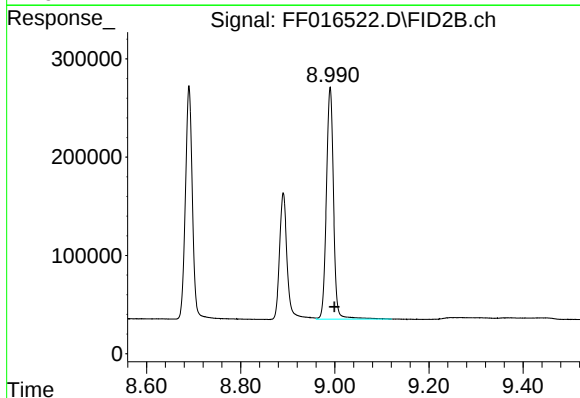
R.T.: 8.690 min
Delta R.T.: -0.009 min
Response: 2427060
Conc: 18.20 ug/ml

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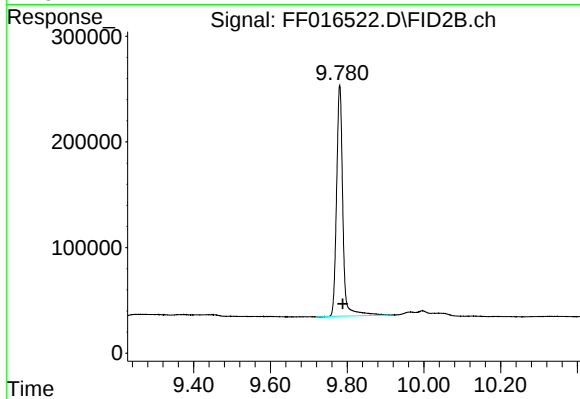
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.890 min
Delta R.T.: -0.009 min
Response: 1432863
Conc: 19.12 ug/ml



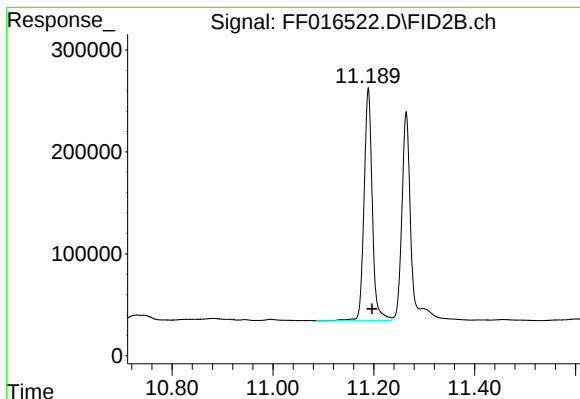
#7 Acenaphthene (C15.5)

R.T.: 8.990 min
Delta R.T.: -0.009 min
Response: 2488619
Conc: 18.81 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.781 min
Delta R.T.: -0.008 min
Response: 2478580
Conc: 19.10 ug/ml



#9 Phenanthrene (C19.36)

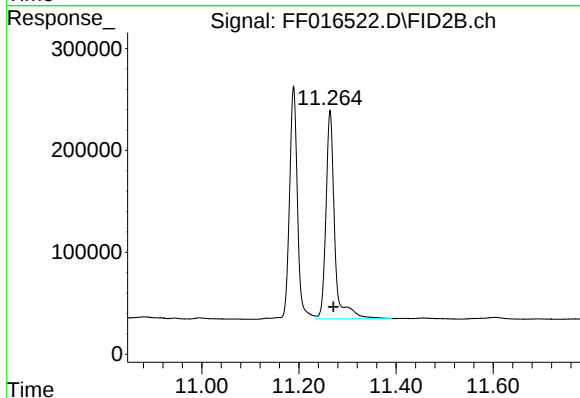
R.T.: 11.189 min
Delta R.T.: -0.007 min
Response: 2566487
Conc: 19.17 ug/ml

Instrument :

FID_F

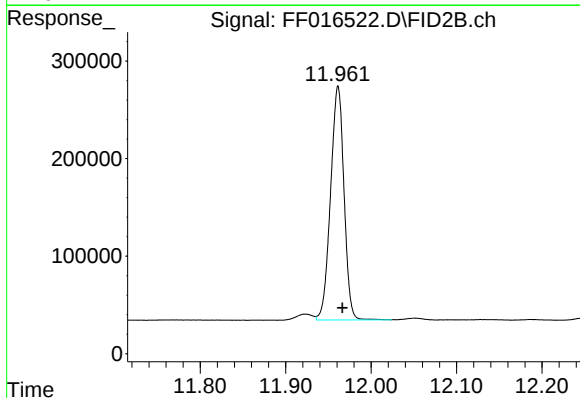
ClientSampleId :

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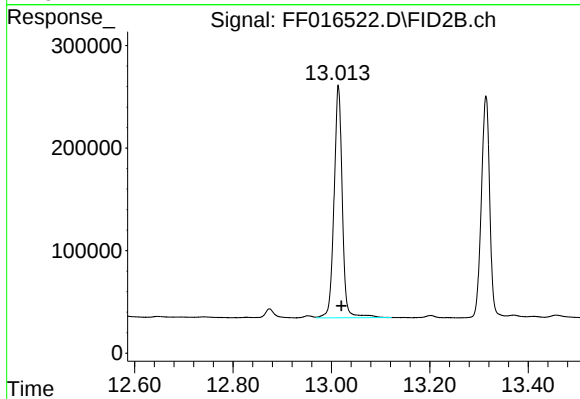
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: -0.007 min
Response: 2547204
Conc: 19.17 ug/ml



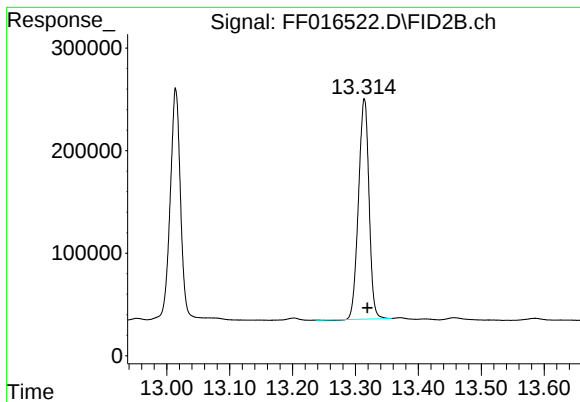
#11 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.005 min
Response: 2621948
Conc: 18.42 ug/ml



#12 Fluoranthene (C21.85)

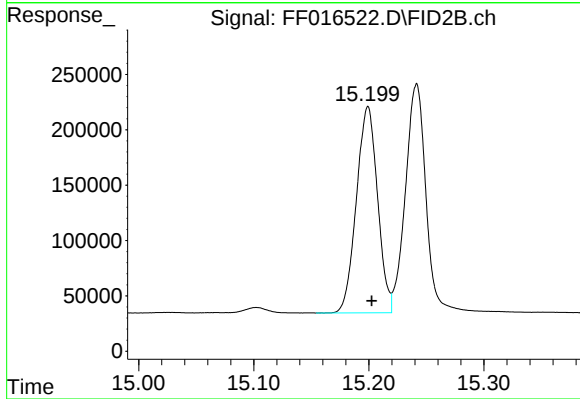
R.T.: 13.014 min
Delta R.T.: -0.006 min
Response: 2641168
Conc: 19.15 ug/ml



#13 Pyrene (C20.8)

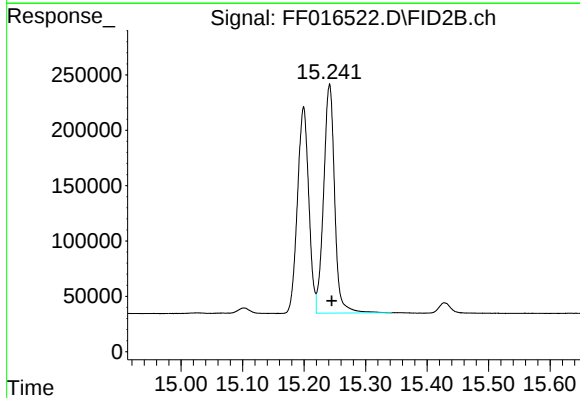
R.T.: 13.314 min
Delta R.T.: -0.005 min
Response: 2488409
Conc: 18.45 ug/ml

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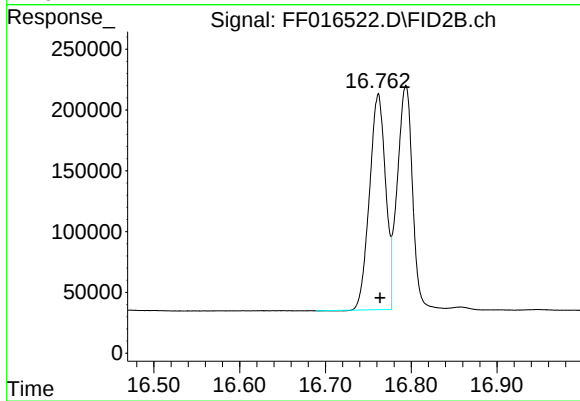
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 2378177
Conc: 18.84 ug/ml



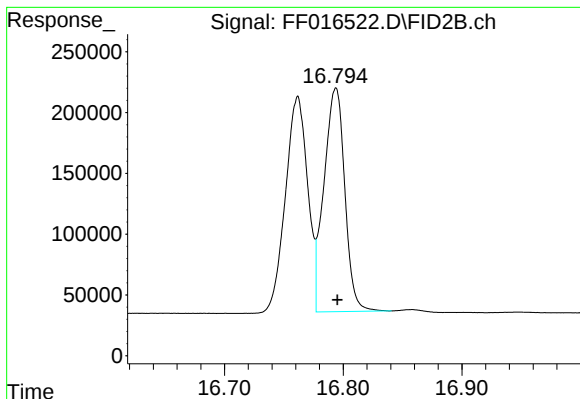
#15 Chrysene (C27.41)

R.T.: 15.241 min
Delta R.T.: -0.004 min
Response: 2581044
Conc: 18.62 ug/ml



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

R.T.: 16.762 min
Delta R.T.: -0.002 min
Response: 2304362
Conc: 18.53 ug/ml



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

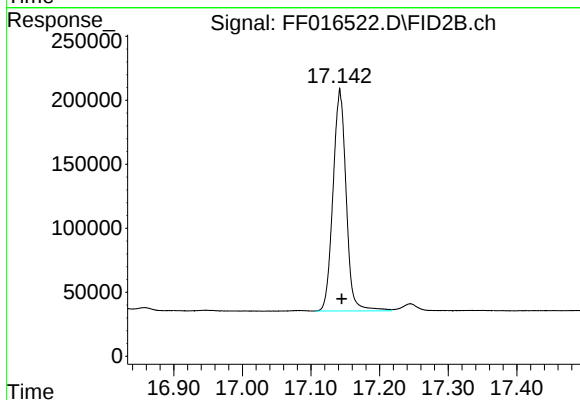
R.T.: 16.794 min
Delta R.T.: -0.001 min
Response: 2246691
Conc: 18.01 ug/ml

Instrument :

FID_F

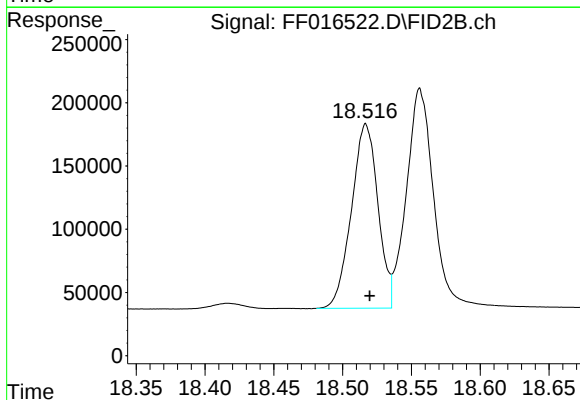
ClientSampleId :

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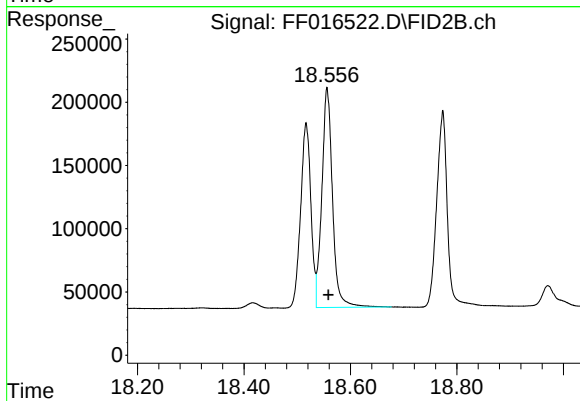
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 2304553
Conc: 18.96 ug/ml



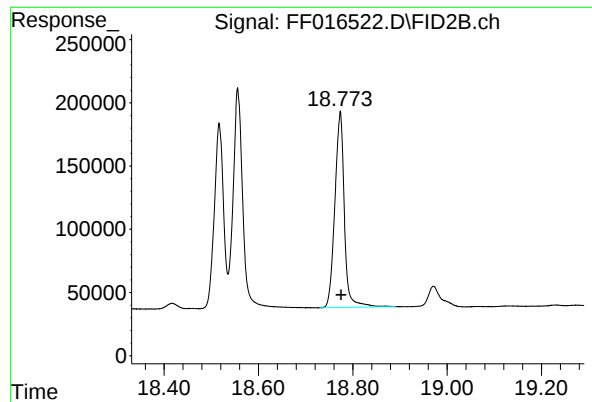
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.517 min
Delta R.T.: -0.003 min
Response: 1953221
Conc: 18.61 ug/ml



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

R.T.: 18.556 min
Delta R.T.: -0.002 min
Response: 2420974
Conc: 18.40 ug/ml



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

R.T.: 18.773 min
Delta R.T.: -0.002 min
Response: 2154485
Conc: 18.79 ug/ml

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