

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014230.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 15:35
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 14 15:50:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 15:49:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

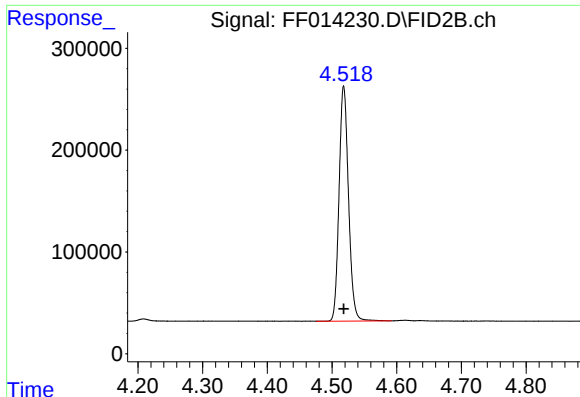
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.903	2068284	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.775	1199914	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.836	2722006	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.518	2342073	20.000 ug/ml
2) T Naphthalene (C11.7)	6.182	2308690	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	2199989	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.574	2189395	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.873	2455715	20.000 ug/ml
8) T Flouorene (C16.55)	9.661	2078702	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.064	2029635	20.000 ug/ml
10) T Anthracene (C19.43)	11.139	1817462	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.883	2222355	20.000 ug/ml
13) T Pyrene (C20.8)	13.181	2134599	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.061	1533973	20.000 ug/ml
15) T Chrysene (C27.41)	15.103	2142170	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.618	2021528	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.649	2243340	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.997	2060761	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.369	1742852	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.411	2165174	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.622	2431685	20.000 ug/ml

(f)=RT Delta > 1/2 Window

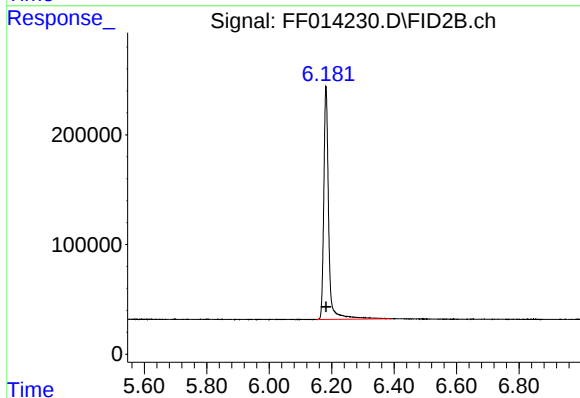
(m)=manual int.



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

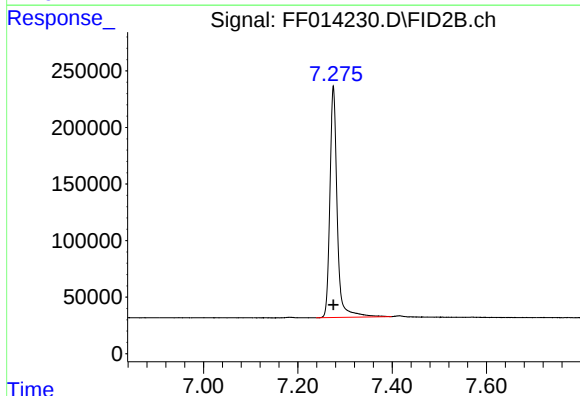
R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 2342073
Conc: 20.00 ug/ml

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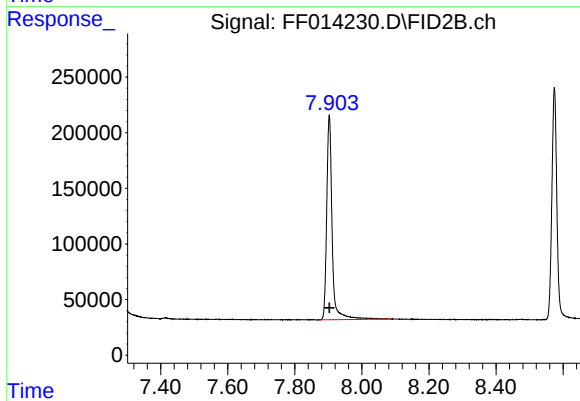
#2 Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 2308690
Conc: 20.00 ug/ml



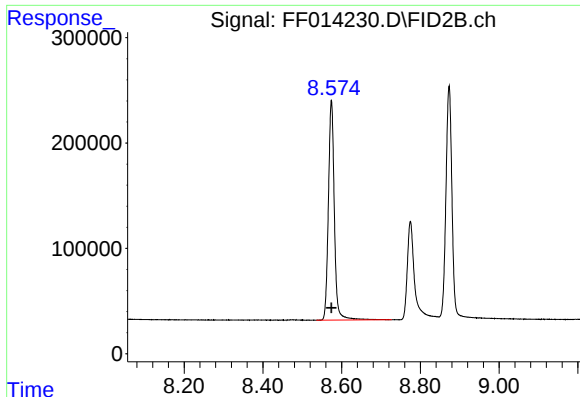
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 2199989
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

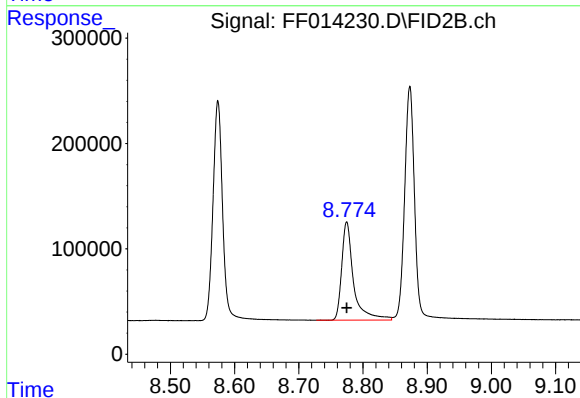
R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 2068284
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

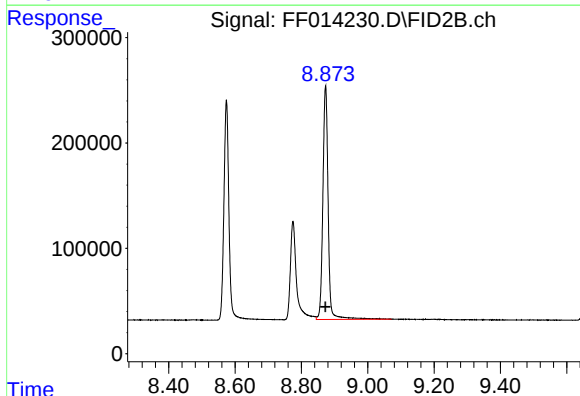
R.T.: 8.574 min
Delta R.T.: 0.000 min
Response: 2189395
Conc: 20.00 ug/ml

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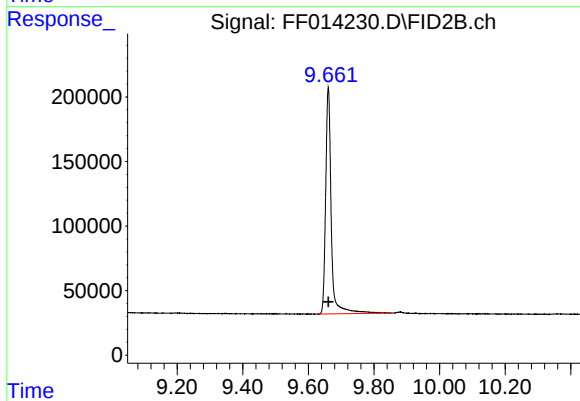
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 1199914
Conc: 20.00 ug/ml



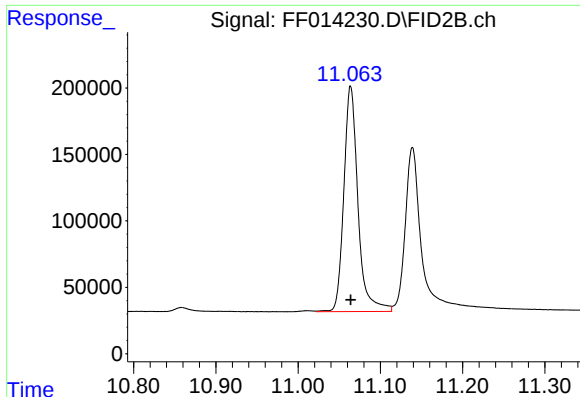
#7 Acenaphthene (C15.5)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 2455715
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

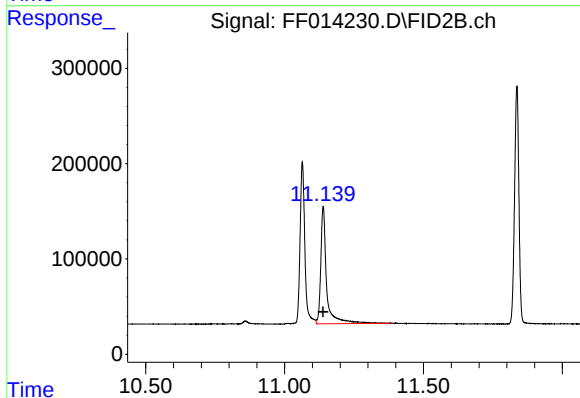
R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 2078702
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

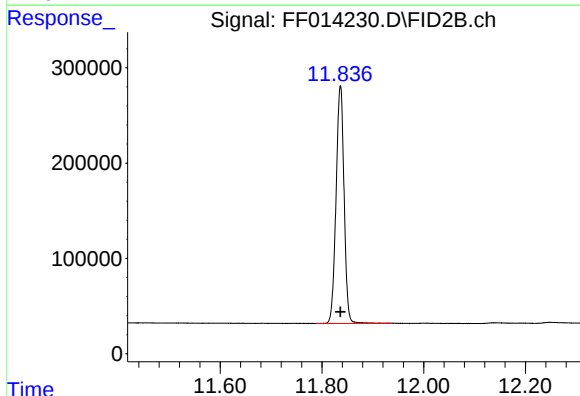
R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 2029635
Conc: 20.00 ug/ml

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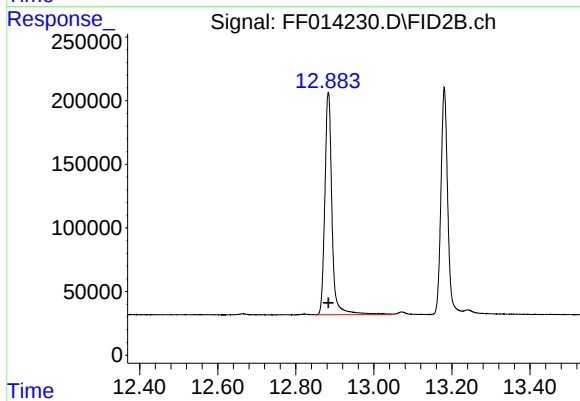
#10 Anthracene (C19.43)

R.T.: 11.139 min
Delta R.T.: 0.000 min
Response: 1817462
Conc: 20.00 ug/ml



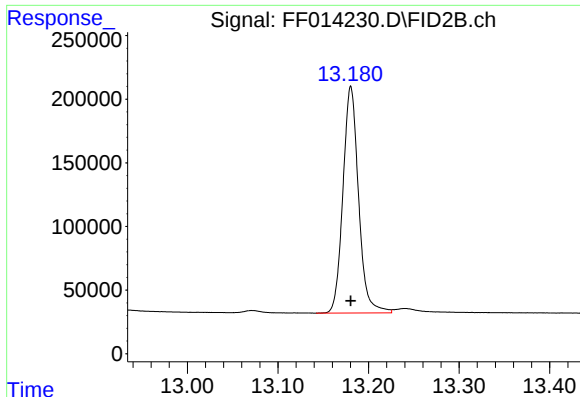
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.000 min
Response: 2722006
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

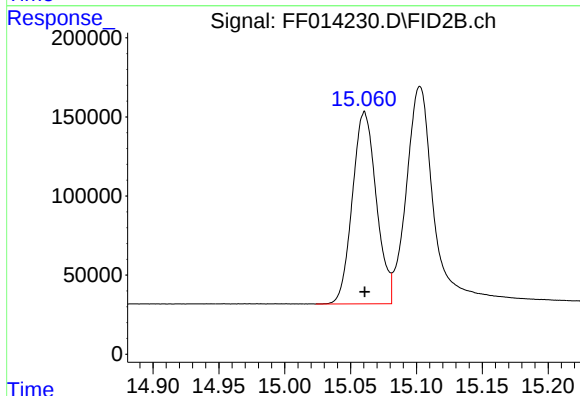
R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 2222355
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

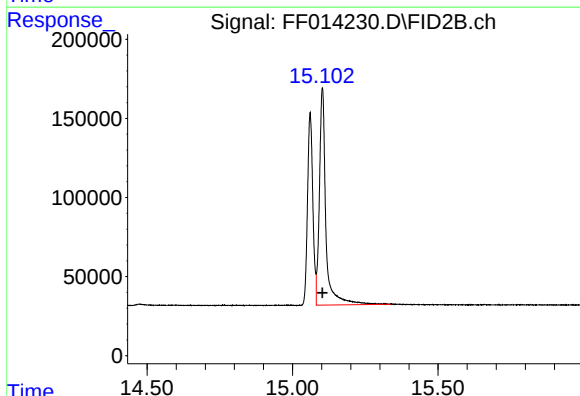
R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 2134599
Conc: 20.00 ug/ml

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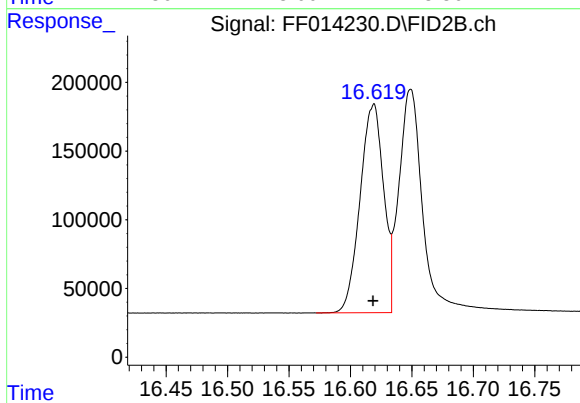
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.061 min
Delta R.T.: 0.000 min
Response: 1533973
Conc: 20.00 ug/ml



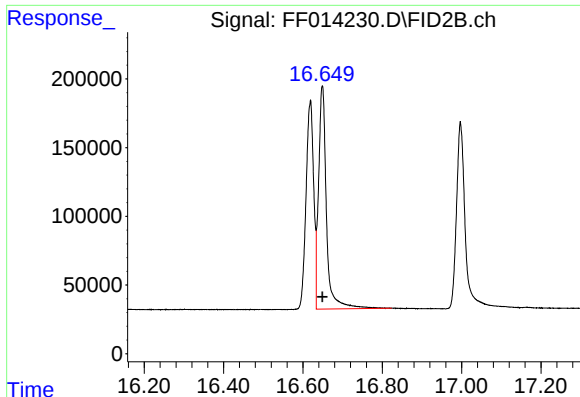
#15 Chrysene (C27.41)

R.T.: 15.103 min
Delta R.T.: 0.000 min
Response: 2142170
Conc: 20.00 ug/ml



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

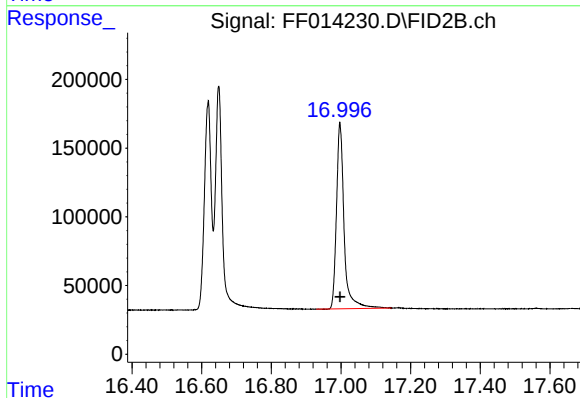
R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 2021528
Conc: 20.00 ug/ml



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

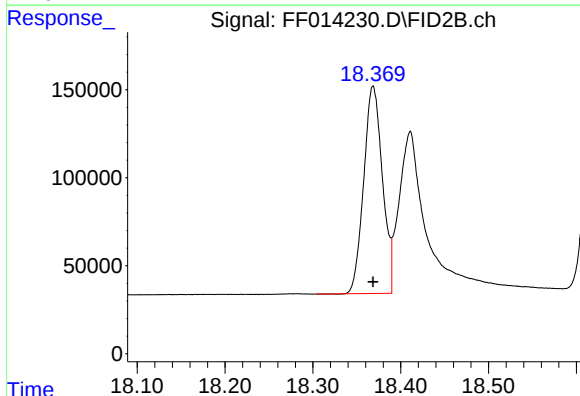
R.T.: 16.649 min
Delta R.T.: 0.000 min
Response: 2243340
Conc: 20.00 ug/ml

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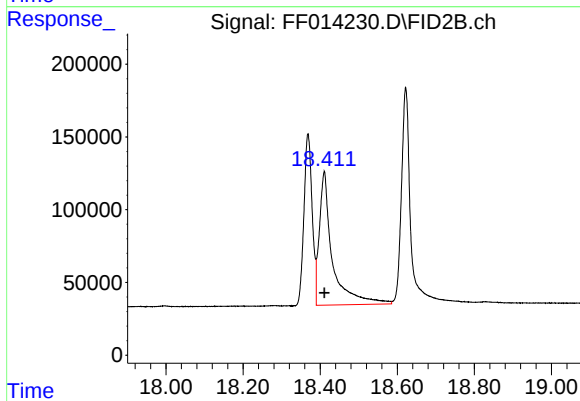
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.997 min
Delta R.T.: 0.000 min
Response: 2060761
Conc: 20.00 ug/ml



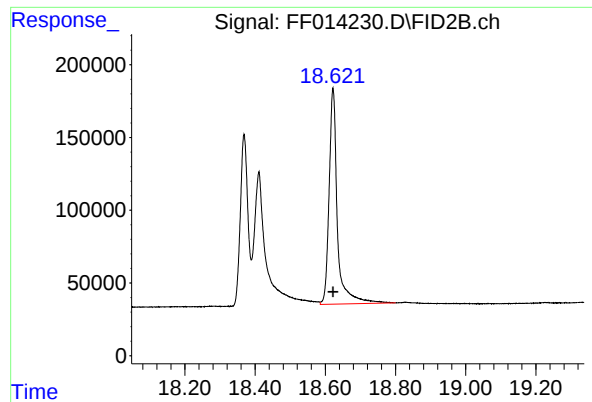
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.369 min
Delta R.T.: 0.000 min
Response: 1742852
Conc: 20.00 ug/ml



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

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 2165174
Conc: 20.00 ug/ml



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

R.T.: 18.622 min
Delta R.T.: 0.000 min
Response: 2431685
Conc: 20.00 ug/ml

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