

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120922AR\
 Data File : FD044618.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2022 11:15
 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: Dec 11 04:00:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

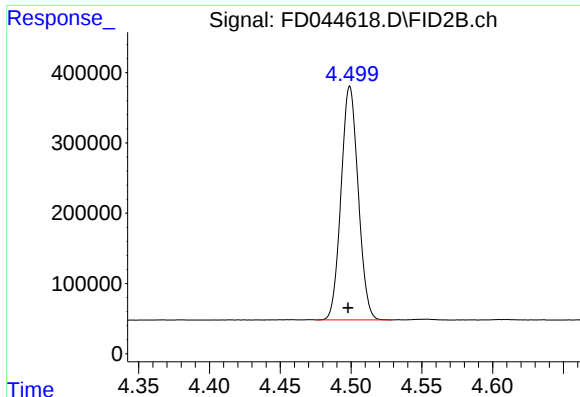
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.679	2542562	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
6) S 2-Fluorobiphenyl (SURR)	8.536	1723883	19.519 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.04%
11) S ortho-Terphenyl (SURR)	11.564	3246651	19.949 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2799921	19.620 ug/ml
2) T Naphthalene (C11.7)	6.028	2946757	19.599 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	2948504	19.515 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2677729	19.262 ug/ml
7) T Acenaphthene (C15.5)	8.635	2885409	19.661 ug/ml
8) T Flouorene (C16.55)	9.410	2839208	19.691 ug/ml
9) T Phenanthrene (C19.36)	10.799	2789374	19.561 ug/ml
10) T Anthracene (C19.43)	10.873	2381716	17.143 ug/ml
12) T Fluoranthene (C21.85)	12.600	2830717	19.857 ug/ml
13) T Pyrene (C20.8)	12.895	2746552	19.735 ug/ml
14) T Benzo[a]anthracene (C...	14.754	2546459	19.680 ug/ml
15) T Chrysene (C27.41)	14.796	2769946	20.546 ug/ml
16) T benzo[b]fluoranthene ...	16.293	2620788	19.912 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	2761873	21.209 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	2451335	18.968 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.022	2429467	19.062 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	2760886	21.943 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	2482277	19.300 ug/ml

(f)=RT Delta > 1/2 Window

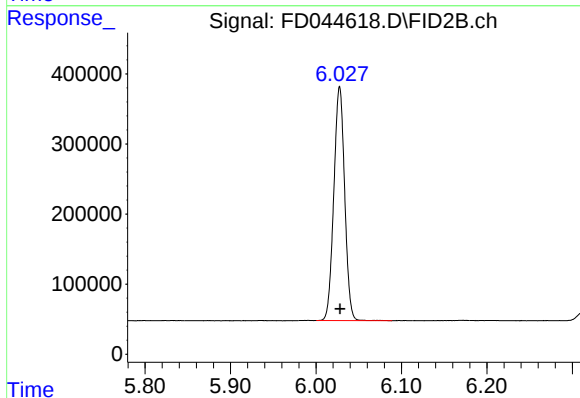
(m)=manual int.



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

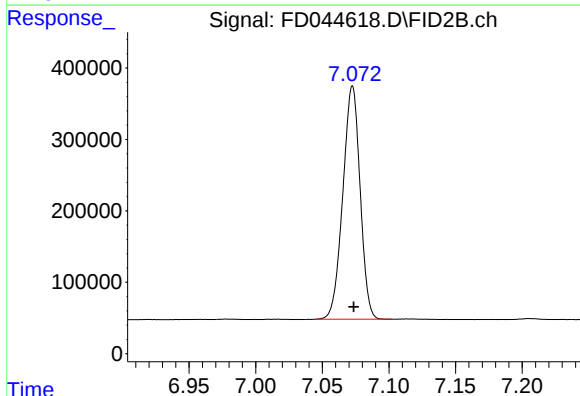
R.T.: 4.499 min
Delta R.T.: 0.001 min
Response: 2799921
Conc: 19.62 ug/ml

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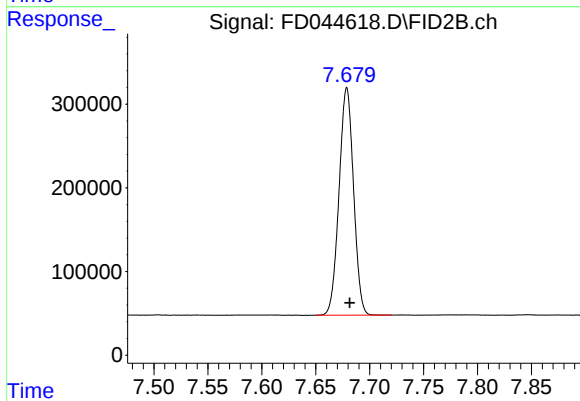
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 2946757
Conc: 19.60 ug/ml



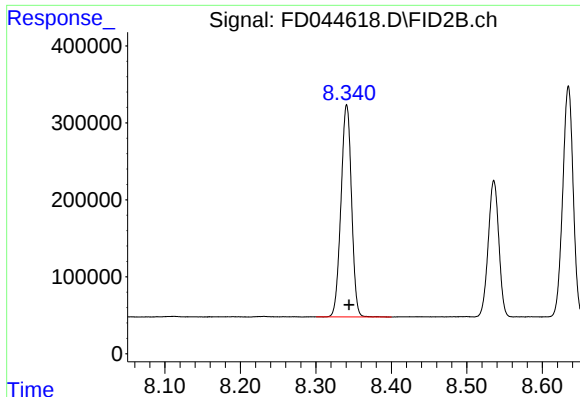
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 2948504
Conc: 19.51 ug/ml



#4 2-Bromonaphthalene (SURR)

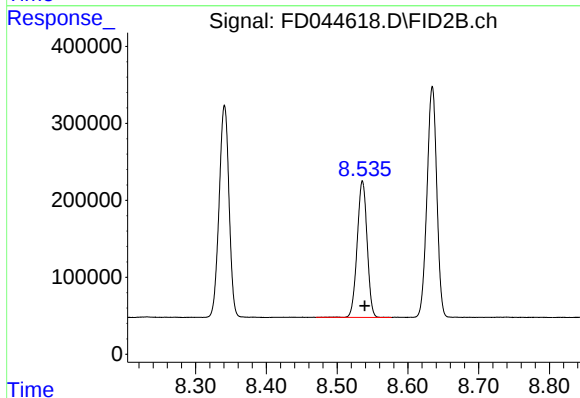
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 2542562
Conc: 19.59 ug/ml



#5 Acenaphthylene (C15.06)

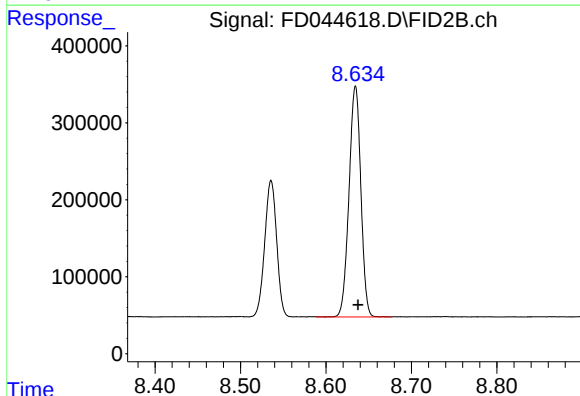
R.T.: 8.341 min
Delta R.T.: -0.003 min
Response: 2677729
Conc: 19.26 ug/ml

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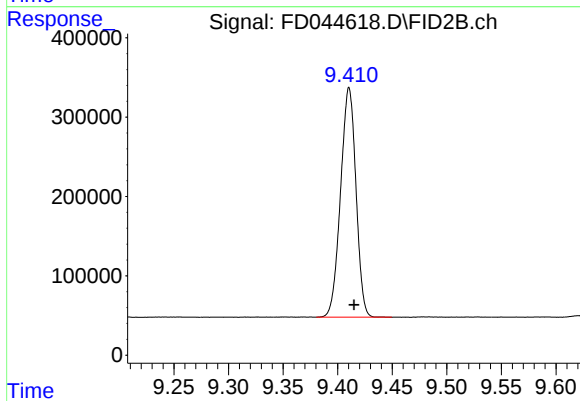
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 1723883
Conc: 19.52 ug/ml



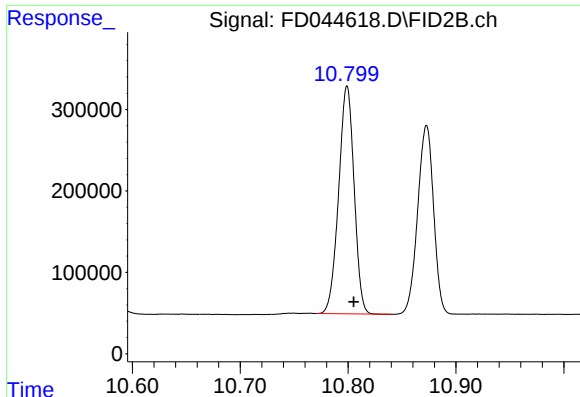
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.003 min
Response: 2885409
Conc: 19.66 ug/ml



#8 Fluorene (C16.55)

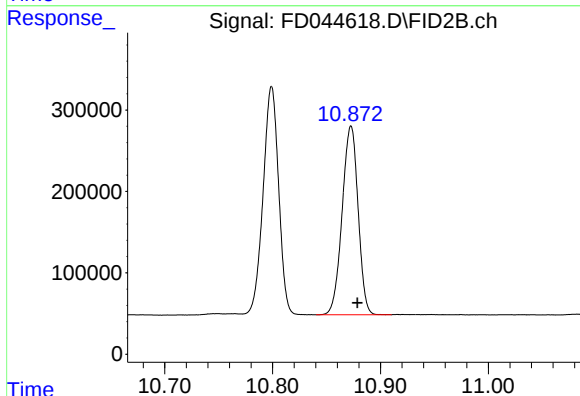
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 2839208
Conc: 19.69 ug/ml



#9 Phenanthrene (C19.36)

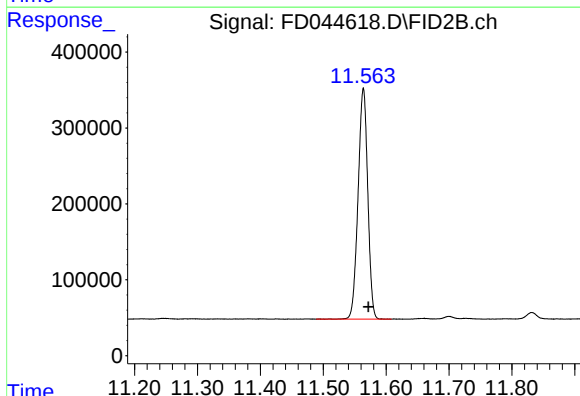
R.T.: 10.799 min
Delta R.T.: -0.006 min
Response: 2789374
Conc: 19.56 ug/ml

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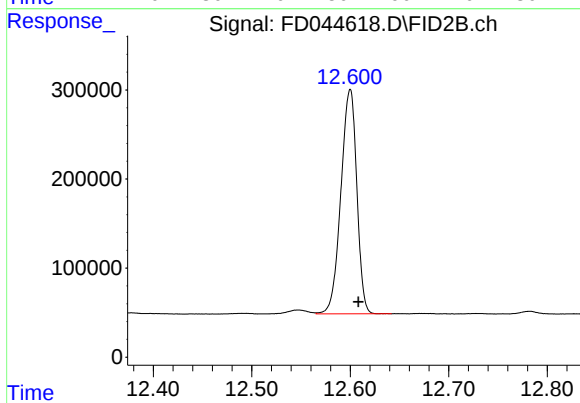
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.006 min
Response: 2381716
Conc: 17.14 ug/ml



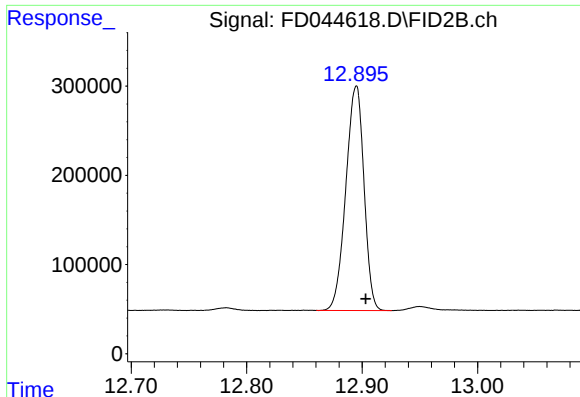
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 3246651
Conc: 19.95 ug/ml



#12 Fluoranthene (C21.85)

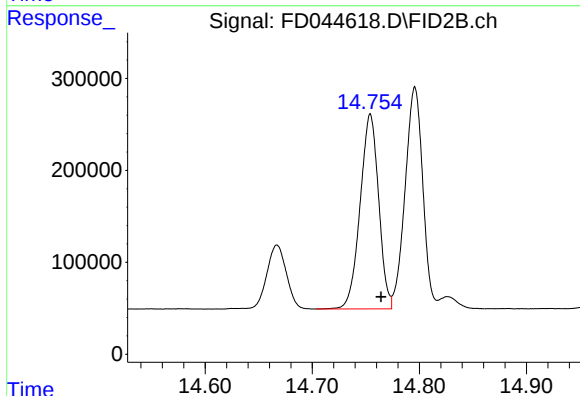
R.T.: 12.600 min
Delta R.T.: -0.009 min
Response: 2830717
Conc: 19.86 ug/ml



#13 Pyrene (C20.8)

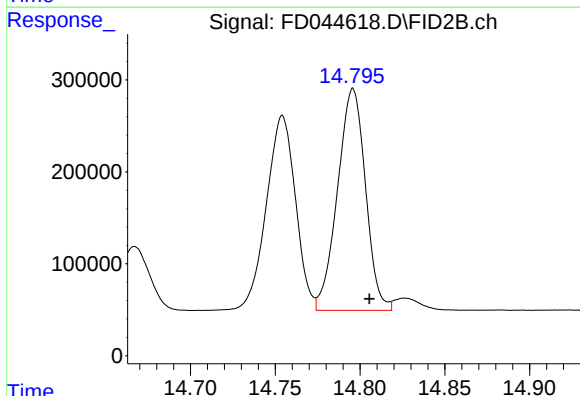
R.T.: 12.895 min
Delta R.T.: -0.009 min
Response: 2746552
Conc: 19.74 ug/ml

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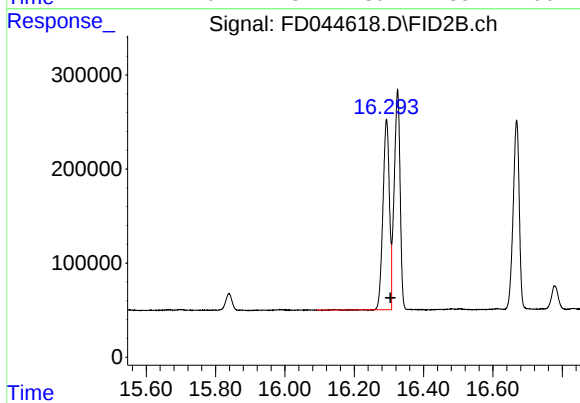
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.754 min
Delta R.T.: -0.010 min
Response: 2546459
Conc: 19.68 ug/ml



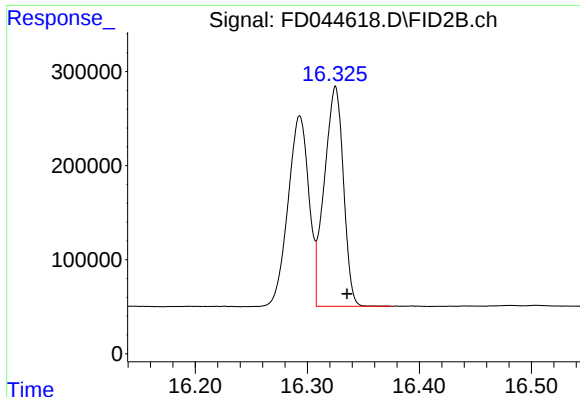
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: -0.010 min
Response: 2769946
Conc: 20.55 ug/ml



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

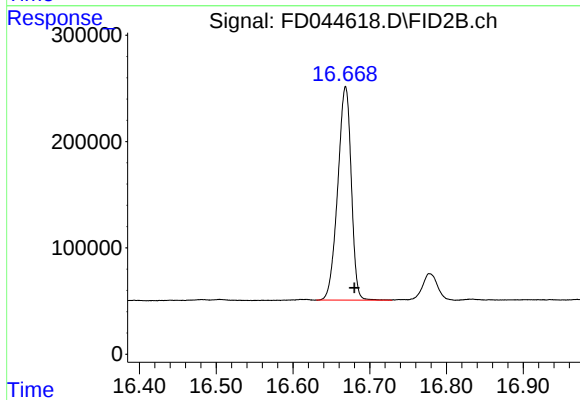
R.T.: 16.293 min
Delta R.T.: -0.011 min
Response: 2620788
Conc: 19.91 ug/ml



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

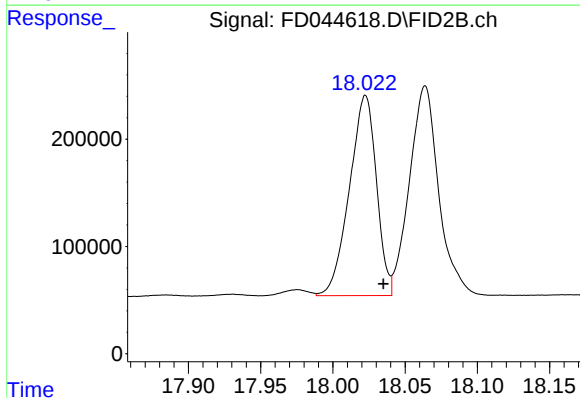
R.T.: 16.325 min
Delta R.T.: -0.011 min
Response: 2761873
Conc: 21.21 ug/ml

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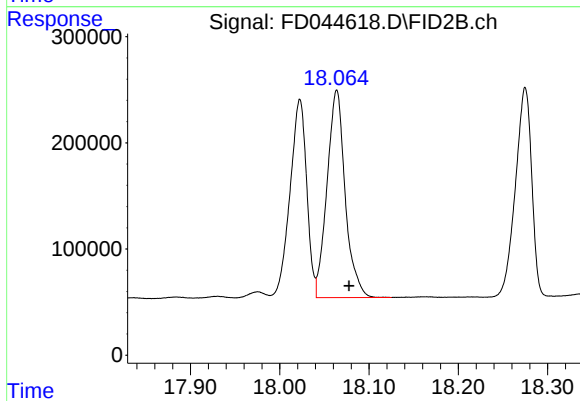
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.012 min
Response: 2451335
Conc: 18.97 ug/ml



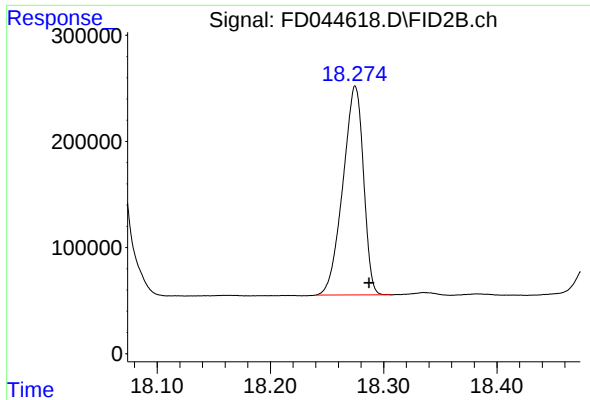
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.022 min
Delta R.T.: -0.013 min
Response: 2429467
Conc: 19.06 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.014 min
Response: 2760886
Conc: 21.94 ug/ml



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

R.T.: 18.275 min
Delta R.T.: -0.012 min
Response: 2482277
Conc: 19.30 ug/ml

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