

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011623AR\
 Data File : FD044820.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 02:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 17 07:56:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

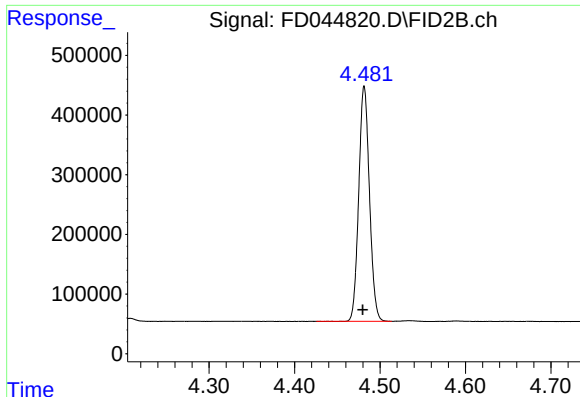
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.659	3044877	21.115 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
6) S 2-Fluorobiphenyl (SURR)	8.516	2021453	20.825 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.65%
11) S ortho-Terphenyl (SURR)	11.545	3819955	21.202 ug/ml
Spiked Amount 50.000		Recovery =	42.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	3429275	21.314 ug/ml
2) T Naphthalene (C11.7)	6.009	3558049	21.199 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3532275	21.008 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3211700	21.175 ug/ml
7) T Acenaphthene (C15.5)	8.615	3406390	21.013 ug/ml
8) T Fluorene (C16.55)	9.391	3330586	20.897 ug/ml
9) T Phenanthrene (C19.36)	10.779	3297044	21.009 ug/ml
10) T Anthracene (C19.43)	10.853	3141093	24.979 ug/ml
12) T Fluoranthene (C21.85)	12.580	3309927	21.078 ug/ml
13) T Pyrene (C20.8)	12.875	3259323	21.291 ug/ml
14) T Benzo[a]anthracene (C...	14.735	3047497	21.433 ug/ml
15) T Chrysene (C27.41)	14.777	3167911	20.891 ug/ml
16) T benzo[b]fluoranthene ...	16.275	3028839	20.139 ug/ml
17) T Bnezo[k]fluoranthene ...	16.307	3055390	20.167 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	2873600	19.806 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	2441511	17.265 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	2617663	17.857 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2582646	18.180 ug/ml

(f)=RT Delta > 1/2 Window

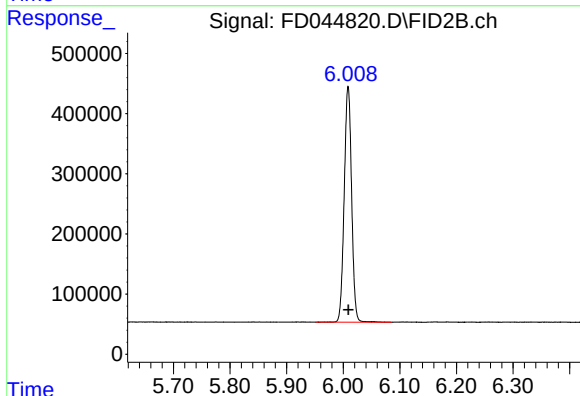
(m)=manual int.



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

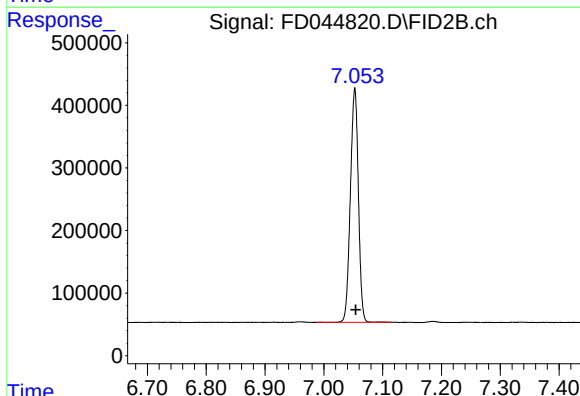
R.T.: 4.482 min
Delta R.T.: 0.002 min
Response: 3429275
Conc: 21.31 ug/ml

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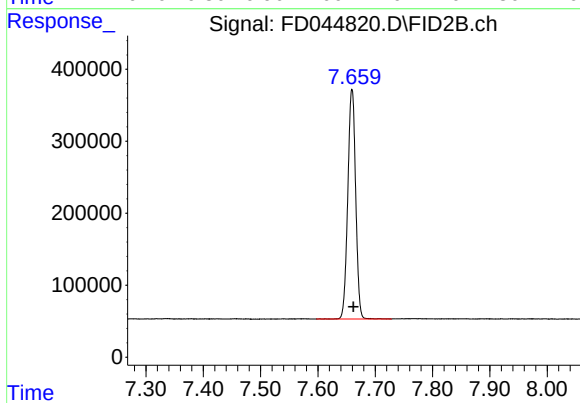
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3558049
Conc: 21.20 ug/ml



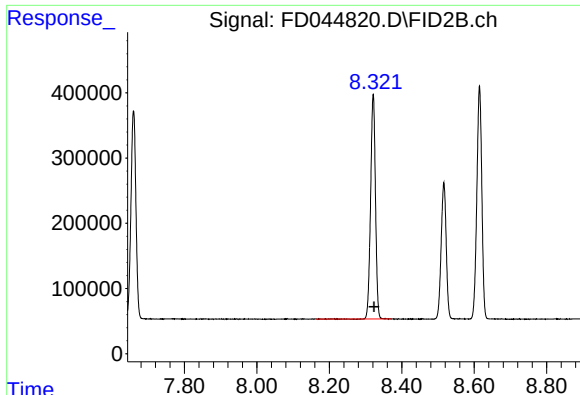
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.002 min
Response: 3532275
Conc: 21.01 ug/ml



#4 2-Bromonaphthalene (SURR)

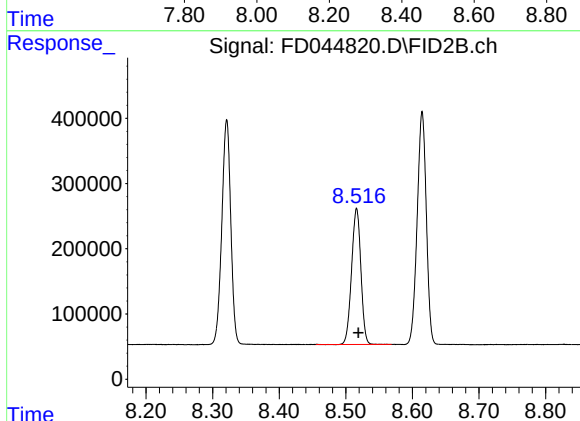
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 3044877
Conc: 21.12 ug/ml



#5 Acenaphthylene (C15.06)

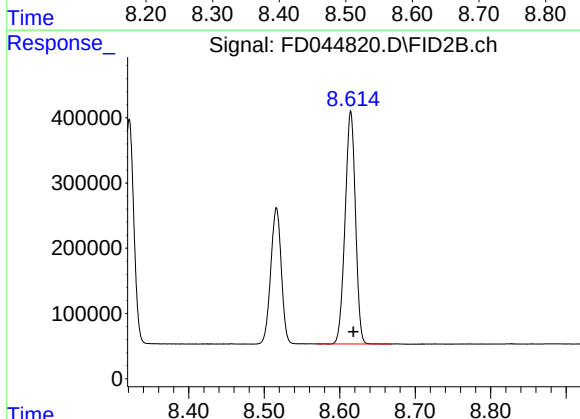
R.T.: 8.321 min
Delta R.T.: -0.003 min
Response: 3211700
Conc: 21.18 ug/ml

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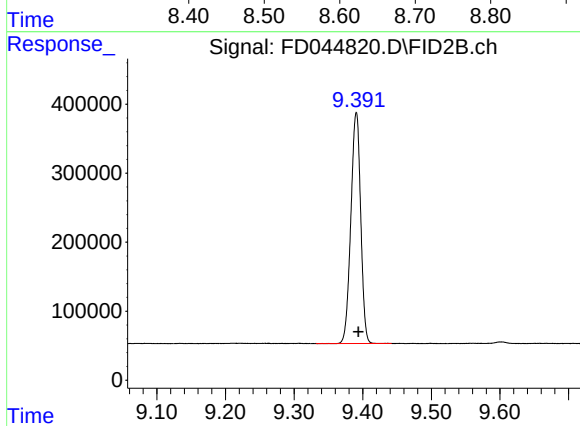
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 2021453
Conc: 20.82 ug/ml



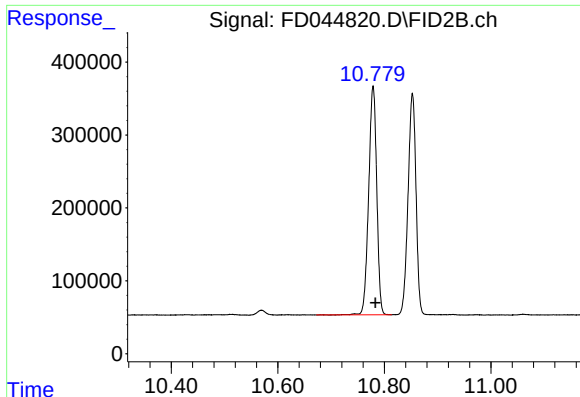
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3406390
Conc: 21.01 ug/ml



#8 Fluorene (C16.55)

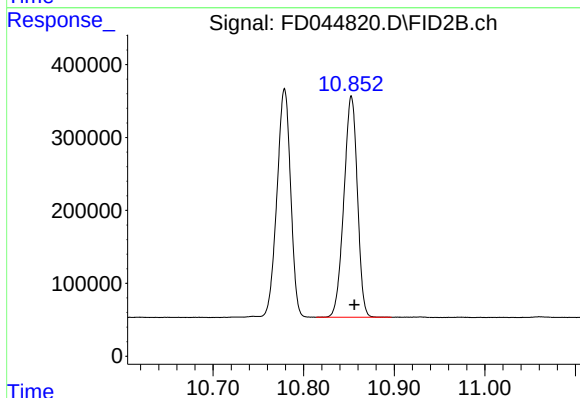
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 3330586
Conc: 20.90 ug/ml



#9 Phenanthrene (C19.36)

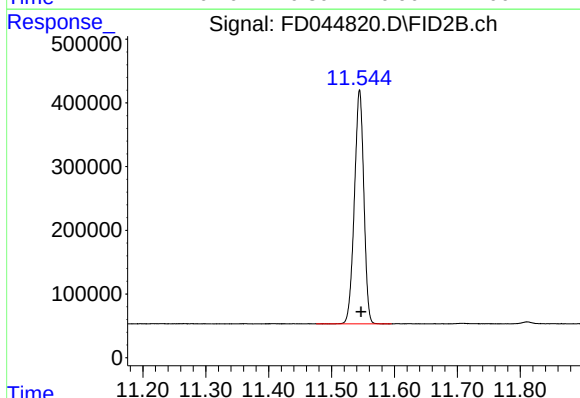
R.T.: 10.779 min
Delta R.T.: -0.004 min
Response: 3297044
Conc: 21.01 ug/ml

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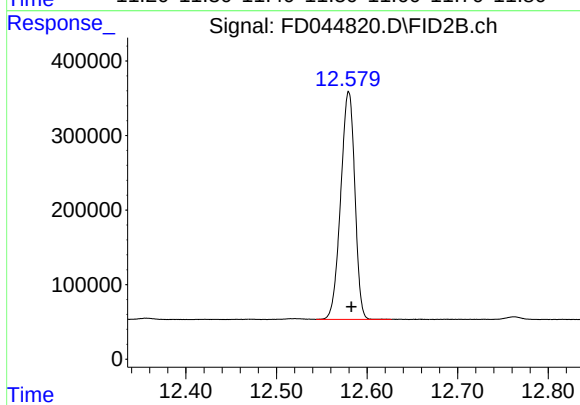
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.004 min
Response: 3141093
Conc: 24.98 ug/ml



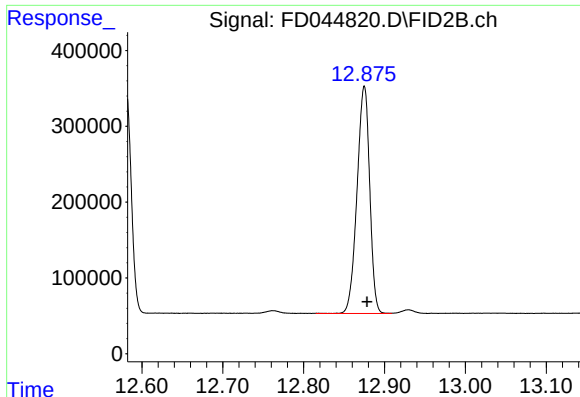
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 3819955
Conc: 21.20 ug/ml



#12 Fluoranthene (C21.85)

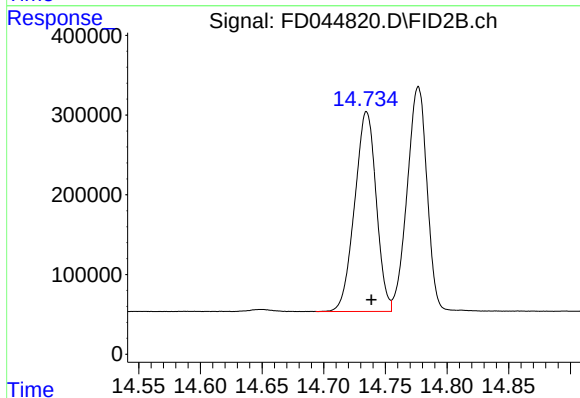
R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 3309927
Conc: 21.08 ug/ml



#13 Pyrene (C20.8)

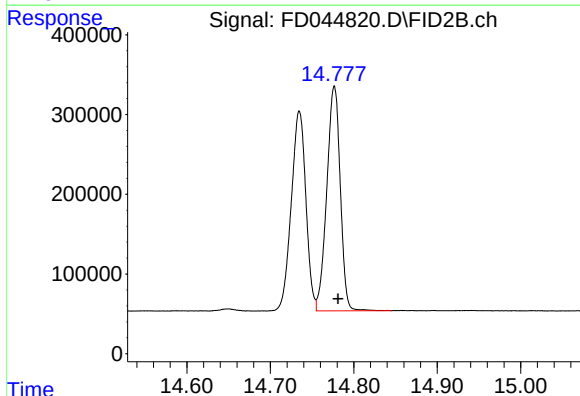
R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 3259323
Conc: 21.29 ug/ml

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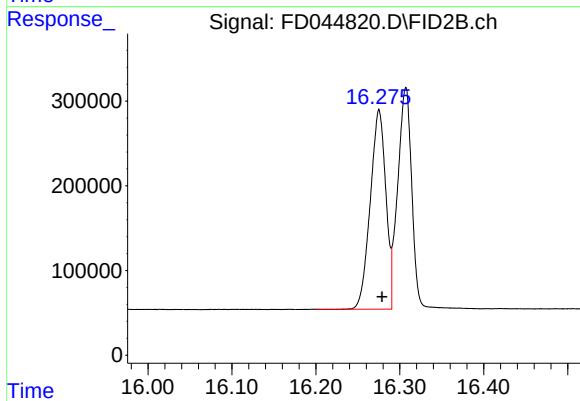
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.004 min
Response: 3047497
Conc: 21.43 ug/ml



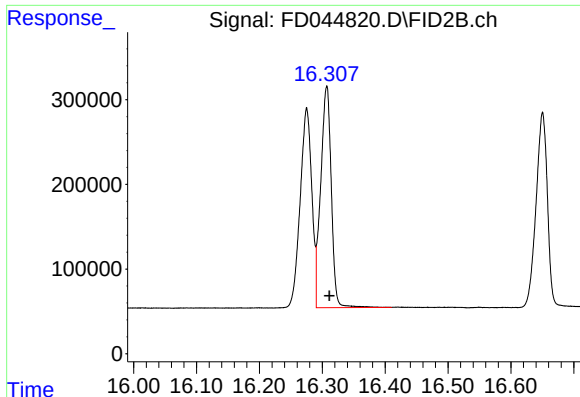
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.005 min
Response: 3167911
Conc: 20.89 ug/ml



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

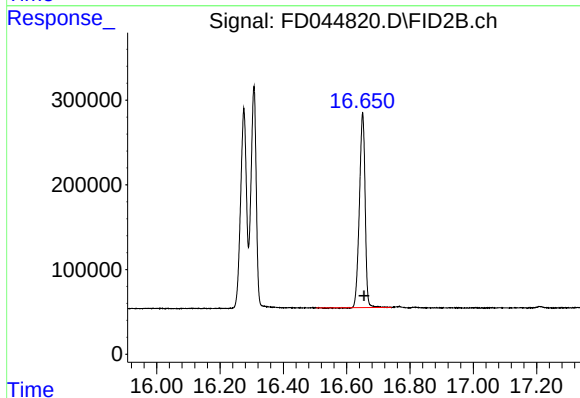
R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 3028839
Conc: 20.14 ug/ml



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

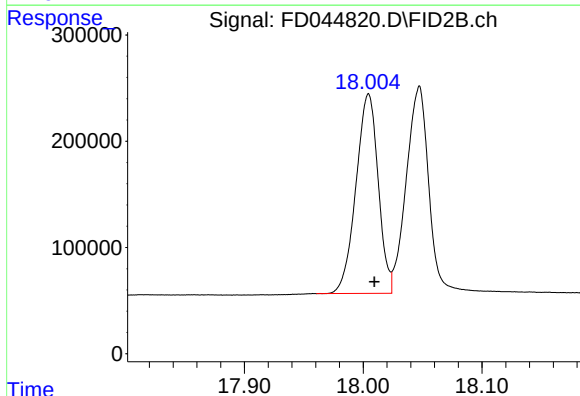
R.T.: 16.307 min
Delta R.T.: -0.004 min
Response: 3055390
Conc: 20.17 ug/ml

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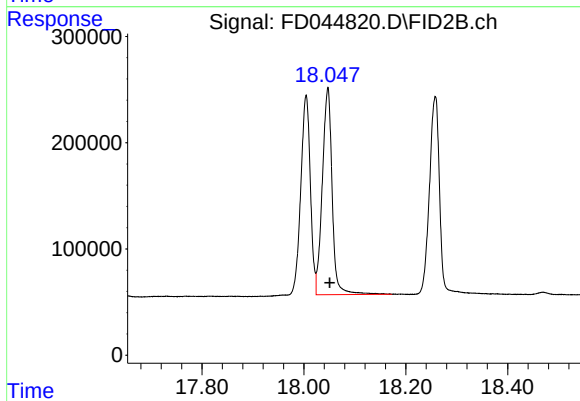
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 2873600
Conc: 19.81 ug/ml



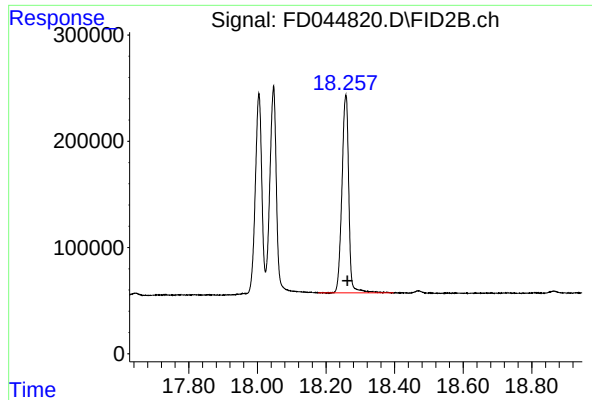
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.005 min
Response: 2441511
Conc: 17.26 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.004 min
Response: 2617663
Conc: 17.86 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2582646
Conc: 18.18 ug/ml

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