

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044835.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 19:46
 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 18 00:03:30 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

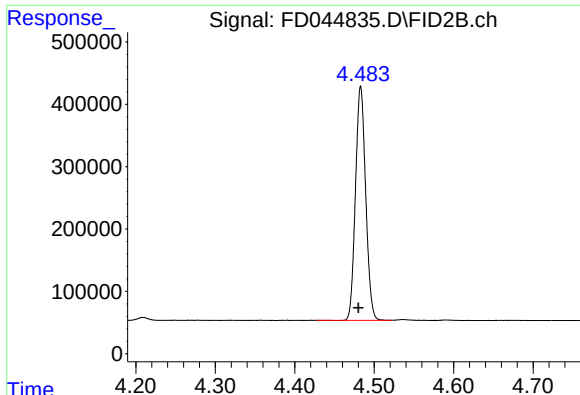
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.659	2949656	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
6) S 2-Fluorobiphenyl (SURR)	8.514	1969741	20.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.58%
11) S ortho-Terphenyl (SURR)	11.542	3712996	20.608 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3343515	20.781 ug/ml
2) T Naphthalene (C11.7)	6.009	3458367	20.605 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	3441546	20.468 ug/ml
5) T Acenaphthylene (C15.06)	8.319	3130321	20.639 ug/ml
7) T Acenaphthene (C15.5)	8.613	3309682	20.416 ug/ml
8) T Flouorene (C16.55)	9.389	3232559	20.282 ug/ml
9) T Phenanthrene (C19.36)	10.776	3201945	20.403 ug/ml
10) T Anthracene (C19.43)	10.850	3047114	24.232 ug/ml
12) T Fluoranthene (C21.85)	12.578	3221682	20.516 ug/ml
13) T Pyrene (C20.8)	12.873	3163837	20.667 ug/ml
14) T Benzo[a]anthracene (C...	14.734	2969258	20.883 ug/ml
15) T Chrysene (C27.41)	14.776	3112482	20.526 ug/ml
16) T benzo[b]fluoranthene ...	16.275	2933217	19.503 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	3000122	19.802 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	2813487	19.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	2358560	16.678 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	2574891	17.565 ug/ml
21) T Benzo[g,h,i]perylene ...	18.257	2520182	17.740 ug/ml

(f)=RT Delta > 1/2 Window

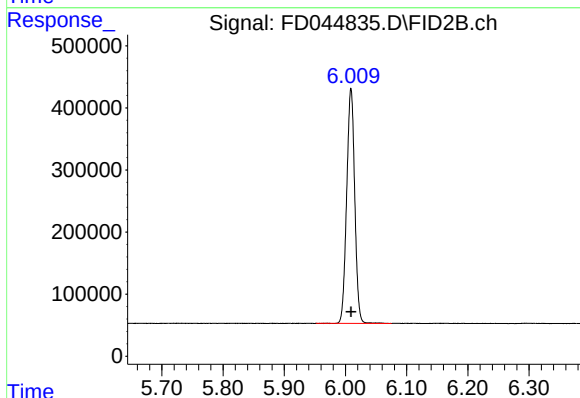
(m)=manual int.



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

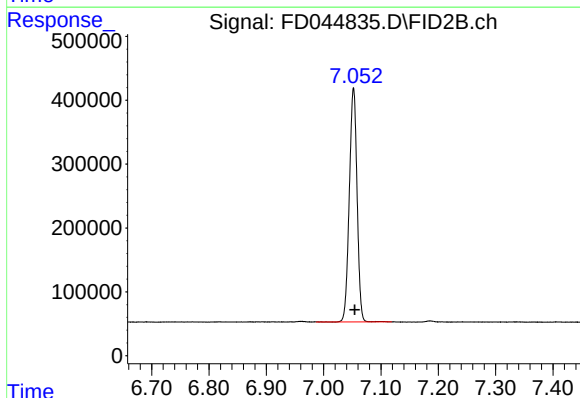
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3343515
Conc: 20.78 ug/ml

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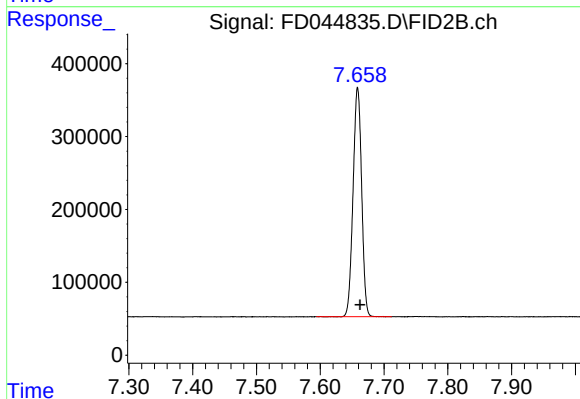
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3458367
Conc: 20.60 ug/ml



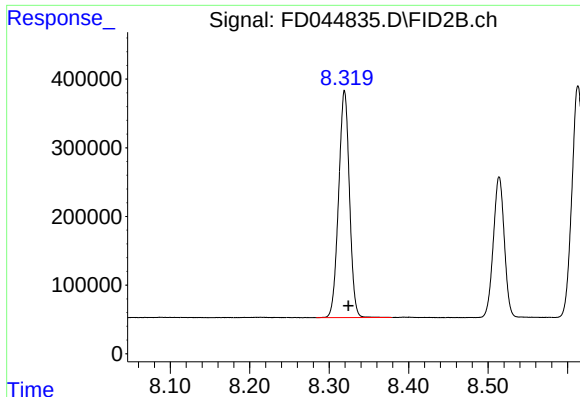
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 3441546
Conc: 20.47 ug/ml



#4 2-Bromonaphthalene (SURR)

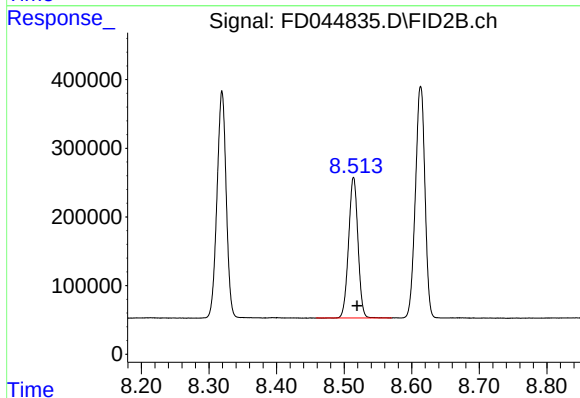
R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 2949656
Conc: 20.45 ug/ml



#5 Acenaphthylene (C15.06)

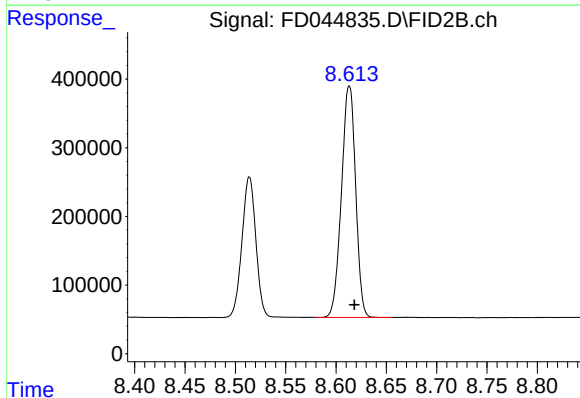
R.T.: 8.319 min
Delta R.T.: -0.005 min
Response: 3130321
Conc: 20.64 ug/ml

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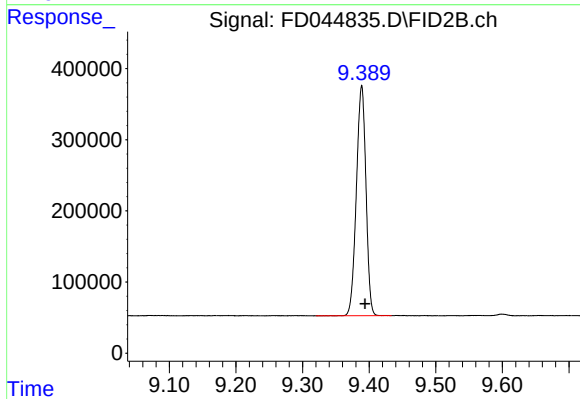
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: -0.005 min
Response: 1969741
Conc: 20.29 ug/ml



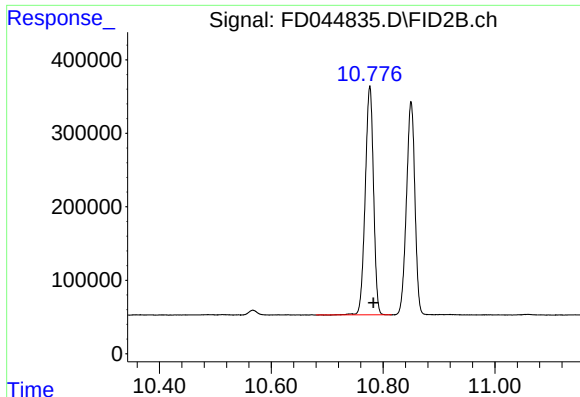
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: -0.005 min
Response: 3309682
Conc: 20.42 ug/ml



#8 Fluorene (C16.55)

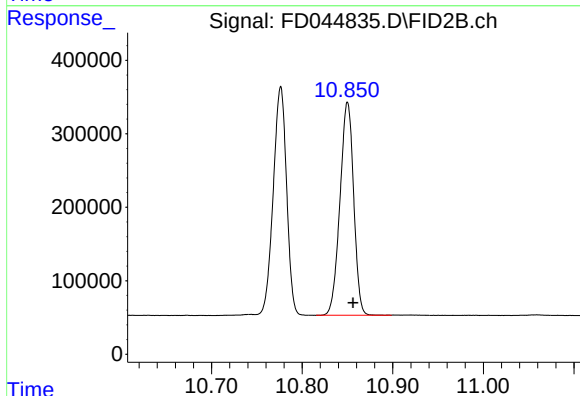
R.T.: 9.389 min
Delta R.T.: -0.005 min
Response: 3232559
Conc: 20.28 ug/ml



#9 Phenanthrene (C19.36)

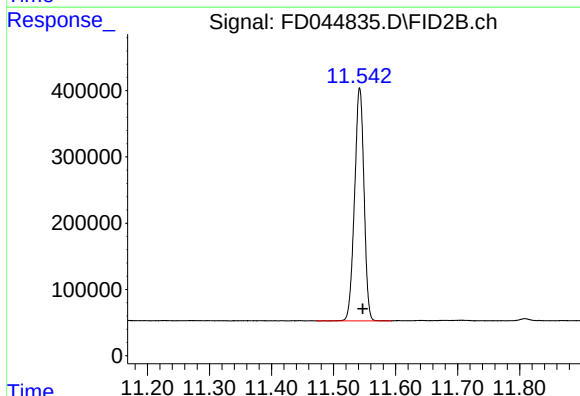
R.T.: 10.776 min
Delta R.T.: -0.007 min
Response: 3201945
Conc: 20.40 ug/ml

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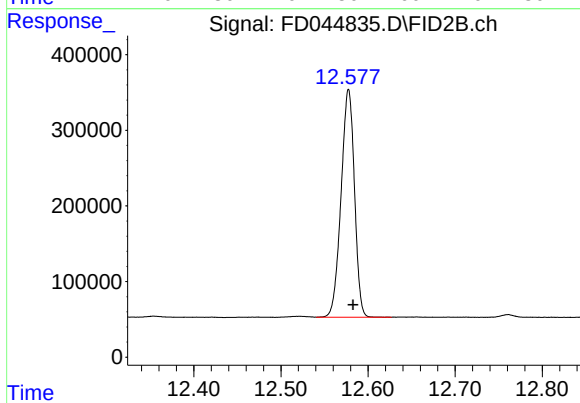
#10 Anthracene (C19.43)

R.T.: 10.850 min
Delta R.T.: -0.006 min
Response: 3047114
Conc: 24.23 ug/ml



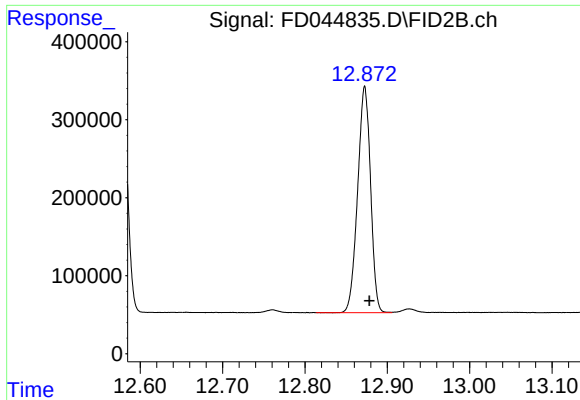
#11 ortho-Terphenyl (SURR)

R.T.: 11.542 min
Delta R.T.: -0.005 min
Response: 3712996
Conc: 20.61 ug/ml



#12 Fluoranthene (C21.85)

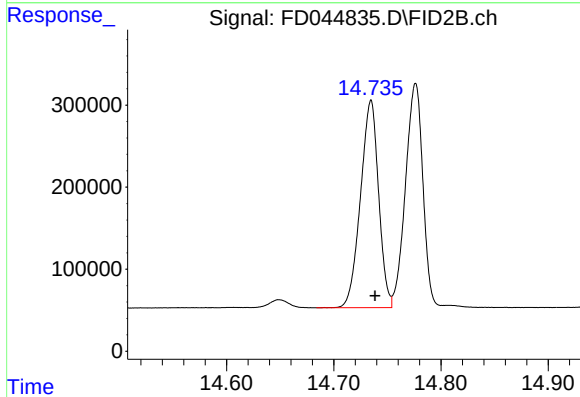
R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 3221682
Conc: 20.52 ug/ml



#13 Pyrene (C20.8)

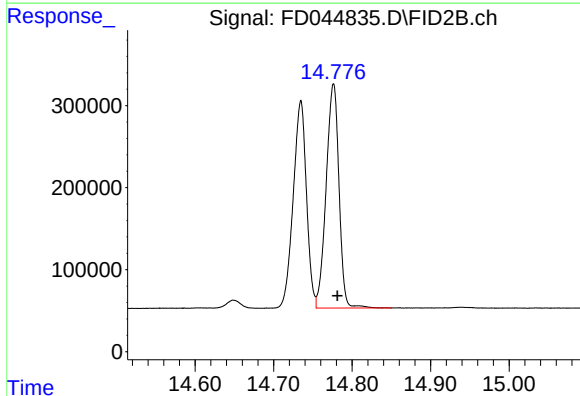
R.T.: 12.873 min
Delta R.T.: -0.006 min
Response: 3163837
Conc: 20.67 ug/ml

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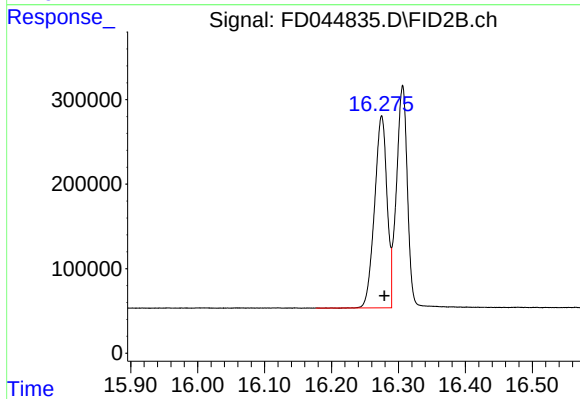
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.004 min
Response: 2969258
Conc: 20.88 ug/ml



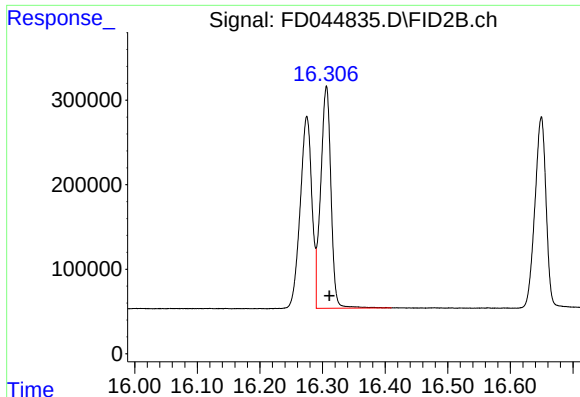
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.005 min
Response: 3112482
Conc: 20.53 ug/ml



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

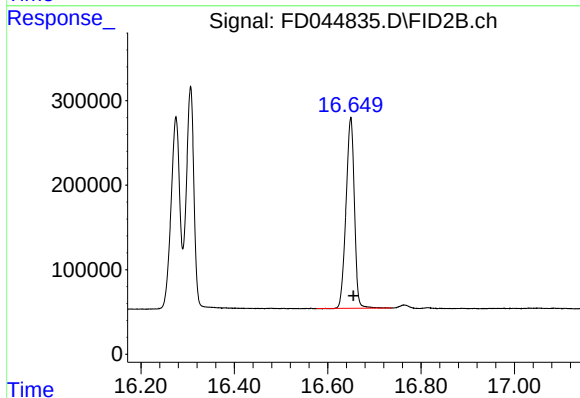
R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 2933217
Conc: 19.50 ug/ml



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

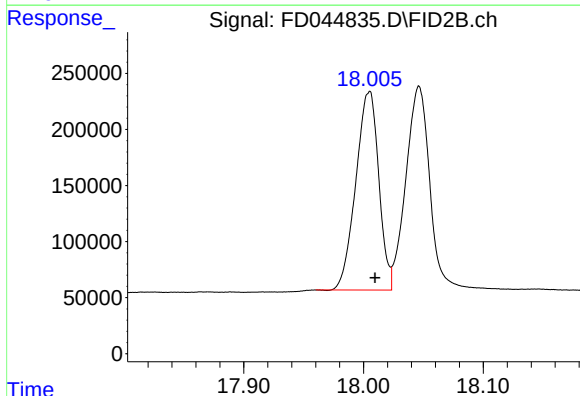
R.T.: 16.306 min
Delta R.T.: -0.005 min
Response: 3000122
Conc: 19.80 ug/ml

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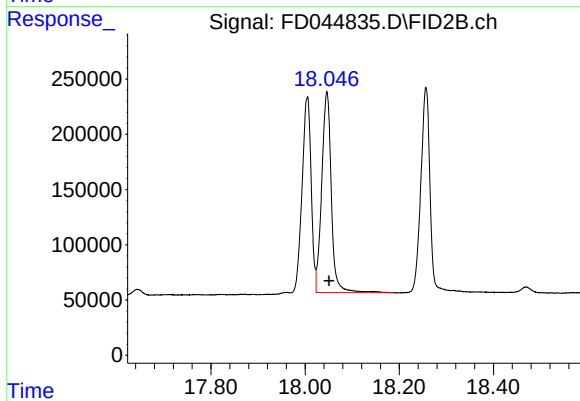
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: -0.006 min
Response: 2813487
Conc: 19.39 ug/ml



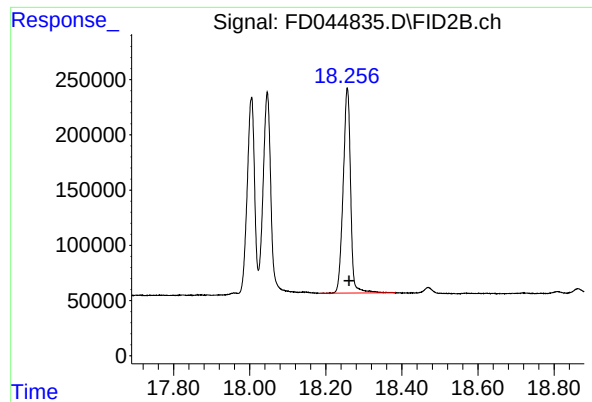
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.005 min
Response: 2358560
Conc: 16.68 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.005 min
Response: 2574891
Conc: 17.57 ug/ml



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

R.T.: 18.257 min
Delta R.T.: -0.005 min
Response: 2520182
Conc: 17.74 ug/ml

Instrument :

FID_D

ClientSampleId :

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