

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044686.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 11:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 25 14:15:28 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

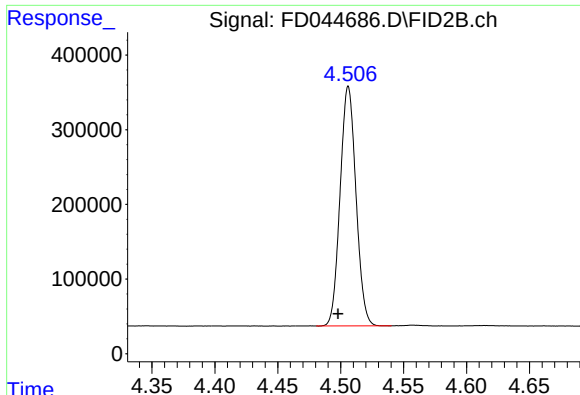
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.683	2513828	19.370 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
6) S 2-Fluorobiphenyl (SURR)	8.540	1683885	19.066 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.13%
11) S ortho-Terphenyl (SURR)	11.567	3146100	19.331 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2817361	19.743 ug/ml
2) T Naphthalene (C11.7)	6.033	2933447	19.510 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2936634	19.436 ug/ml
5) T Acenaphthylene (C15.06)	8.345	2678093	19.265 ug/ml
7) T Acenaphthene (C15.5)	8.639	2829501	19.280 ug/ml
8) T Flouorene (C16.55)	9.414	2762279	19.158 ug/ml
9) T Phenanthrene (C19.36)	10.802	2694140	18.893 ug/ml
10) T Anthracene (C19.43)	10.877	2607857	18.771 ug/ml
12) T Fluoranthene (C21.85)	12.604	2734064	19.179 ug/ml
13) T Pyrene (C20.8)	12.899	2670365	19.188 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2498780	19.312 ug/ml
15) T Chrysene (C27.41)	14.801	2593686	19.239 ug/ml
16) T benzo[b]fluoranthene ...	16.300	2572186	19.543 ug/ml
17) T Bnezo[k]fluoranthene ...	16.332	2549651	19.580 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2509722	19.420 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2242137	17.592 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	2240166	17.804 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2349848	18.270 ug/ml

(f)=RT Delta > 1/2 Window

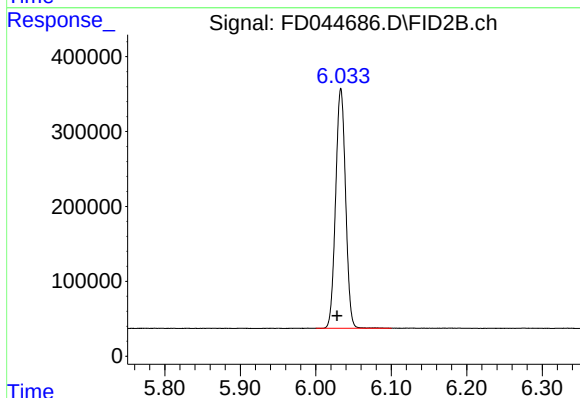
(m)=manual int.



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

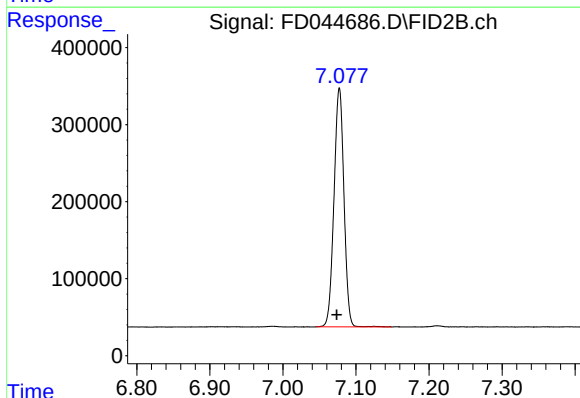
R.T.: 4.506 min
Delta R.T.: 0.008 min
Response: 2817361
Conc: 19.74 ug/ml

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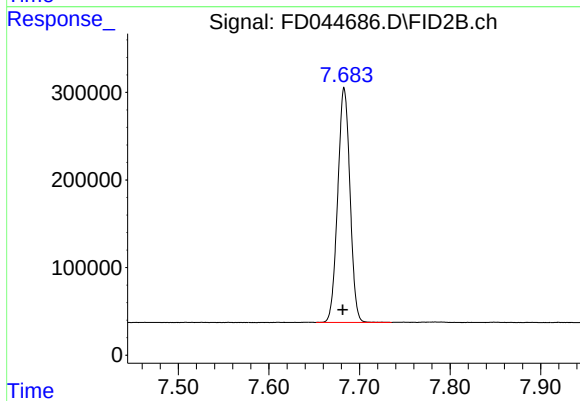
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: 0.005 min
Response: 2933447
Conc: 19.51 ug/ml



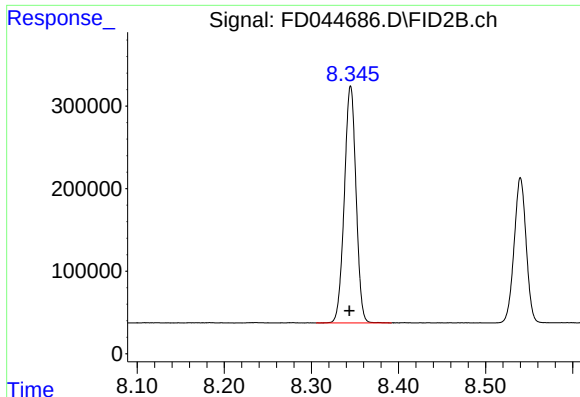
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: 0.004 min
Response: 2936634
Conc: 19.44 ug/ml



#4 2-Bromonaphthalene (SURR)

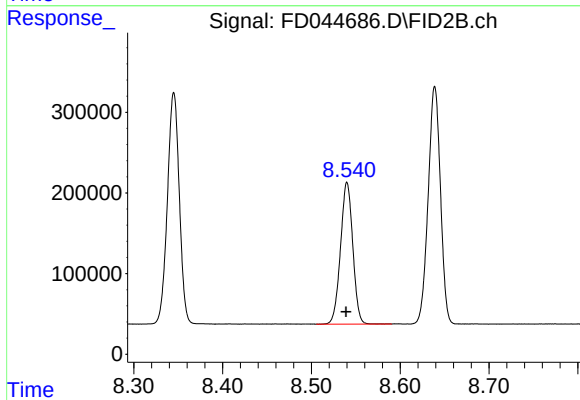
R.T.: 7.683 min
Delta R.T.: 0.002 min
Response: 2513828
Conc: 19.37 ug/ml



#5 Acenaphthylene (C15.06)

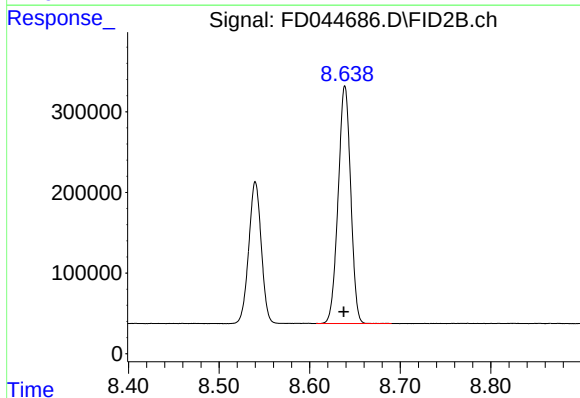
R.T.: 8.345 min
Delta R.T.: 0.001 min
Response: 2678093
Conc: 19.26 ug/ml

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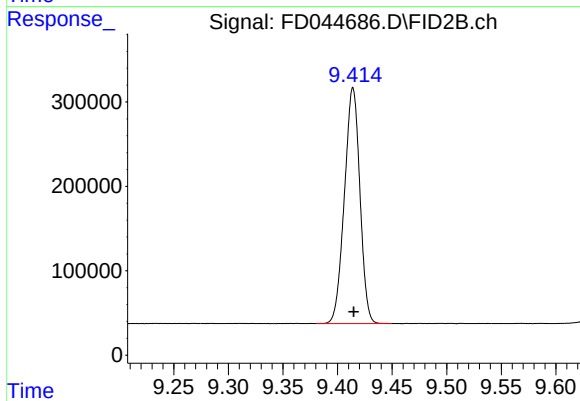
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.540 min
Delta R.T.: 0.000 min
Response: 1683885
Conc: 19.07 ug/ml



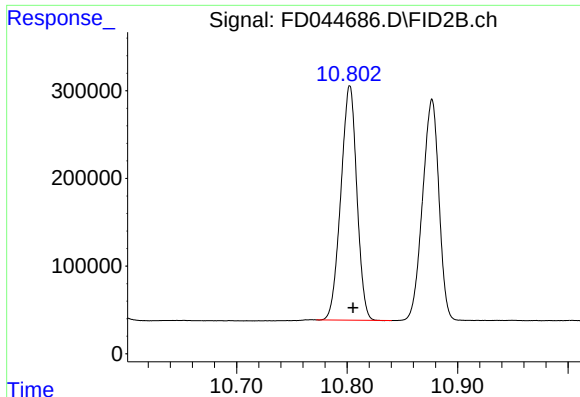
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.001 min
Response: 2829501
Conc: 19.28 ug/ml



#8 Flouorene (C16.55)

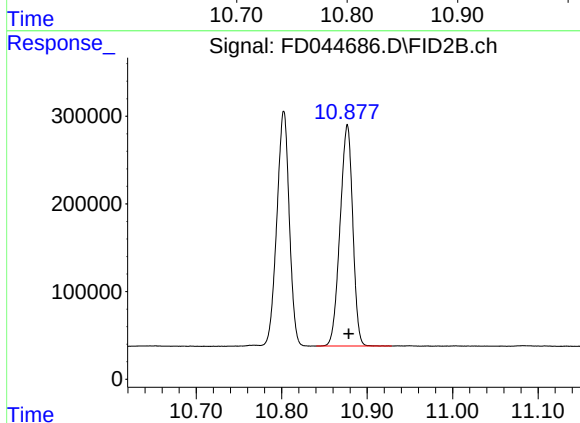
R.T.: 9.414 min
Delta R.T.: 0.000 min
Response: 2762279
Conc: 19.16 ug/ml



#9 Phenanthrene (C19.36)

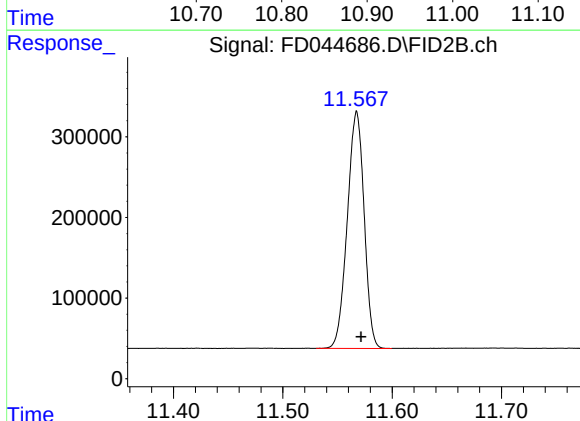
R.T.: 10.802 min
Delta R.T.: -0.003 min
Response: 2694140
Conc: 18.89 ug/ml

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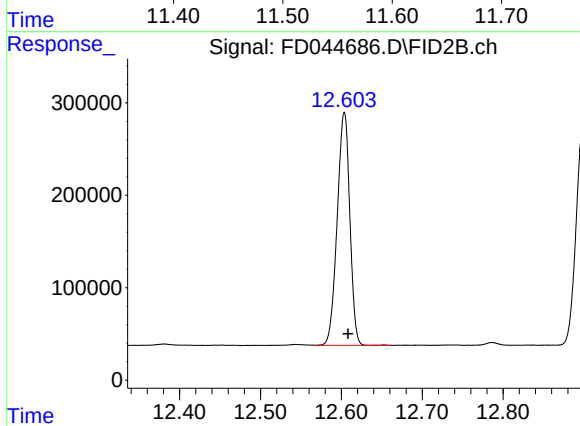
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: -0.002 min
Response: 2607857
Conc: 18.77 ug/ml



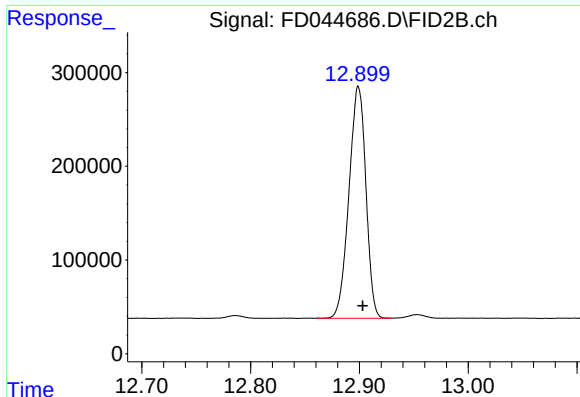
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 3146100
Conc: 19.33 ug/ml



#12 Fluoranthene (C21.85)

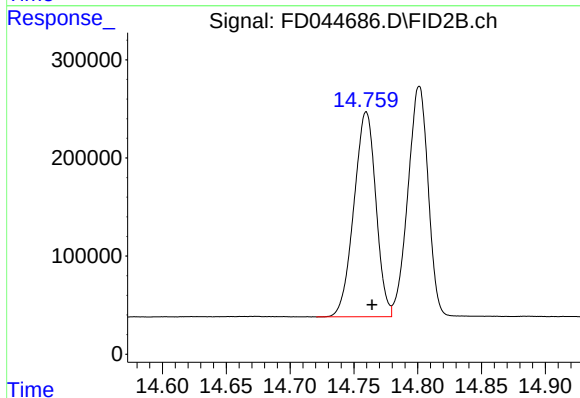
R.T.: 12.604 min
Delta R.T.: -0.005 min
Response: 2734064
Conc: 19.18 ug/ml



#13 Pyrene (C20.8)

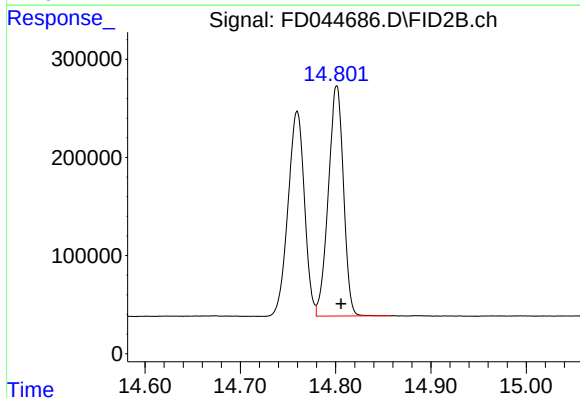
R.T.: 12.899 min
Delta R.T.: -0.004 min
Response: 2670365
Conc: 19.19 ug/ml

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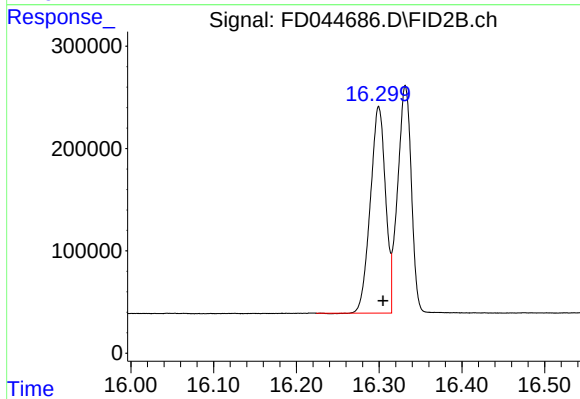
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.005 min
Response: 2498780
Conc: 19.31 ug/ml



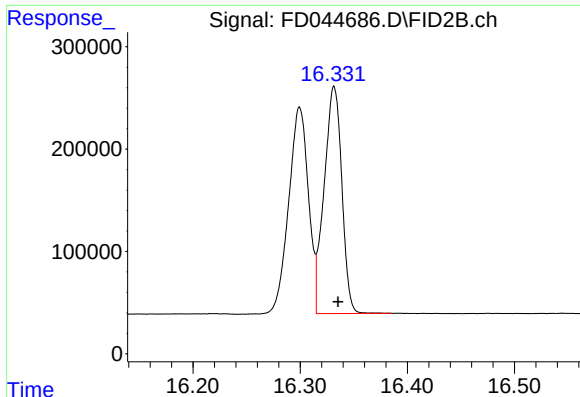
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.004 min
Response: 2593686
Conc: 19.24 ug/ml



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

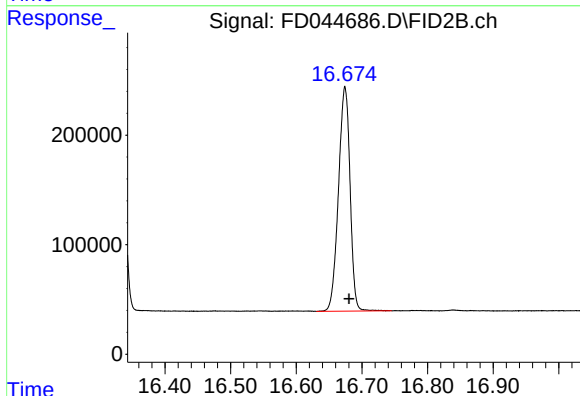
R.T.: 16.300 min
Delta R.T.: -0.005 min
Response: 2572186
Conc: 19.54 ug/ml



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

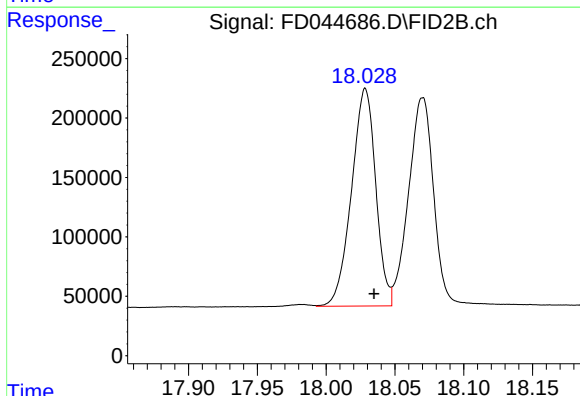
R.T.: 16.332 min
Delta R.T.: -0.004 min
Response: 2549651
Conc: 19.58 ug/ml

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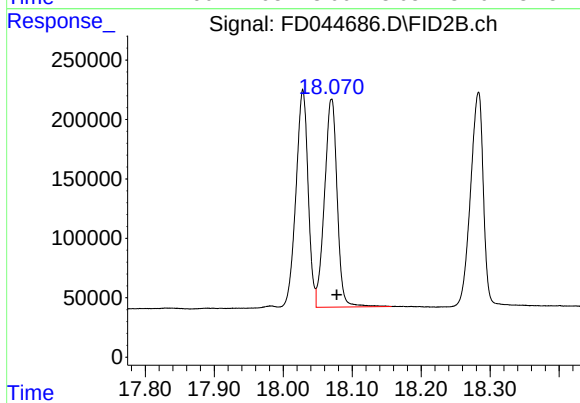
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.006 min
Response: 2509722
Conc: 19.42 ug/ml



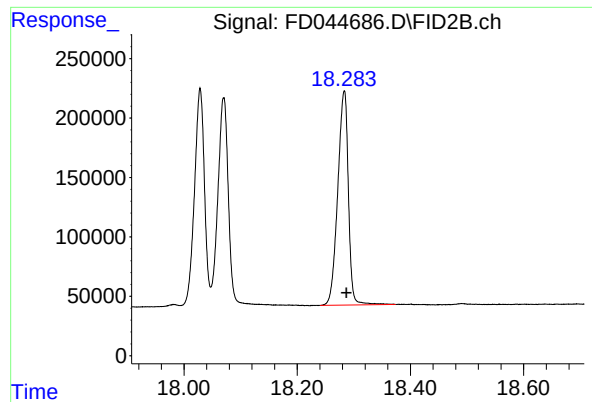
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: -0.007 min
Response: 2242137
Conc: 17.59 ug/ml



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

R.T.: 18.070 min
Delta R.T.: -0.008 min
Response: 2240166
Conc: 17.80 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.004 min
Response: 2349848
Conc: 18.27 ug/ml

Instrument :

FID_D

ClientSampleId :

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