

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011723AR\
 Data File : FD044826.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jan 2023 10:34
 Operator : YP/AJ
 Sample : 01144-01DL 10X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 18 00:01:56 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...	7.662	2884513	20.003 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
6) S 2-Fluorobiphenyl (SURR)	8.516	2880996	29.679 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.36%
11) S ortho-Terphenyl (SURR)	11.544	1403789	7.791 ug/ml
Spiked Amount 50.000		Recovery =	15.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.485	236022	1.467 ug/ml
2) T Naphthalene (C11.7)	6.010	693070	4.129 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	7818069	46.498 ug/ml
5) T Acenaphthylene (C15.06)	8.302	5107206	33.672 ug/ml
7) T Acenaphthene (C15.5)	8.609	1084442	6.690 ug/ml
8) T Flouorene (C16.55)	9.390	1607727	10.088 ug/ml
9) T Phenanthrene (C19.36)	10.779	2580521	16.443 ug/ml
10) T Anthracene (C19.43)	10.863	2354796	18.726 ug/ml
12) T Fluoranthene (C21.85)	12.580	2154880	13.722 ug/ml
13) T Pyrene (C20.8)	12.873	1235921	8.074 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	41492	0.293 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	101147	0.690 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	62731	0.442 ug/ml

(f)=RT Delta > 1/2 Window

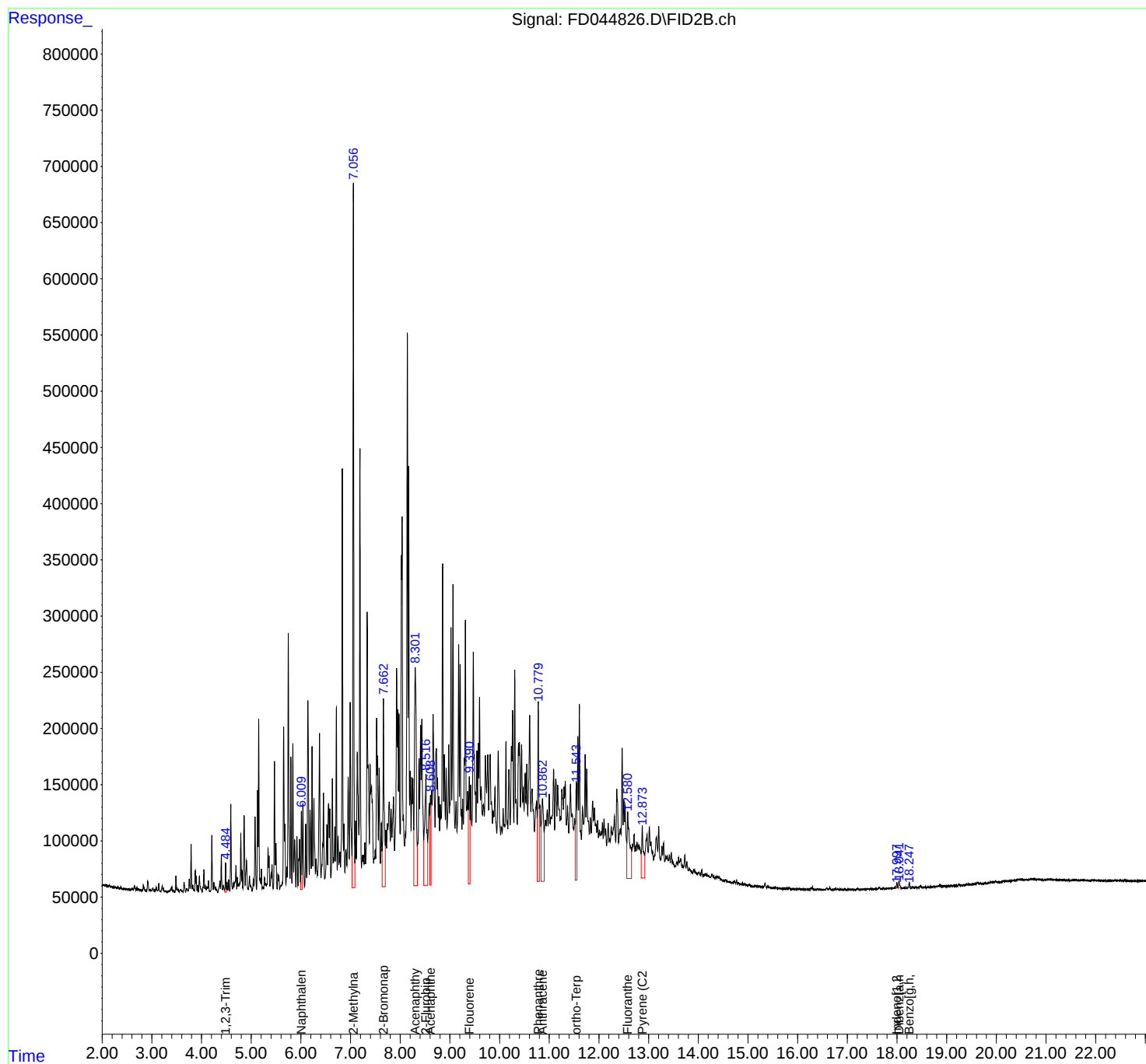
(m)=manual int.

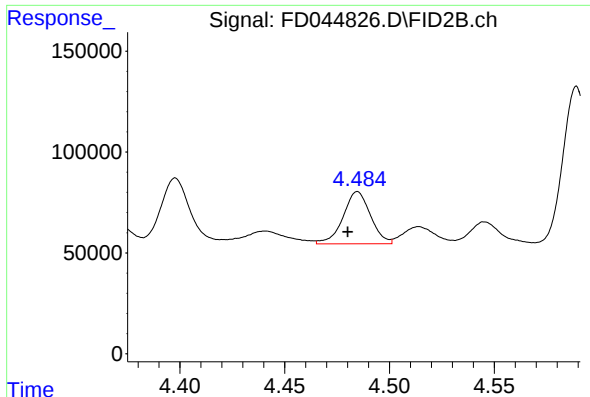
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

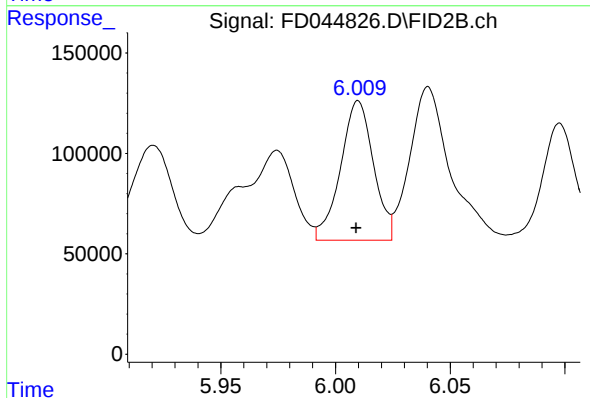




#1 1,2,3-Trimethylbenzene (C10.1)

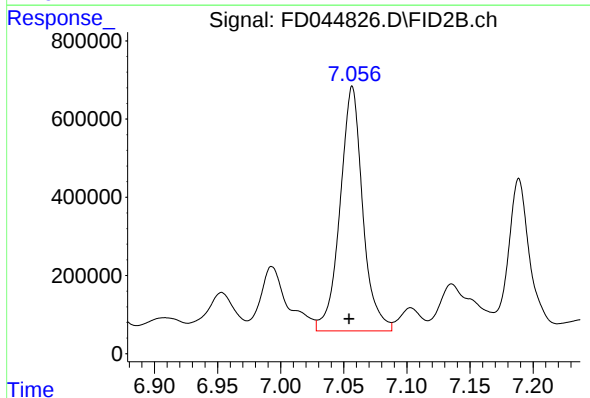
R.T.: 4.485 min
Delta R.T.: 0.005 min
Response: 236022
Conc: 1.47 ug/ml

Instrument :
FID_D
ClientSampleId :



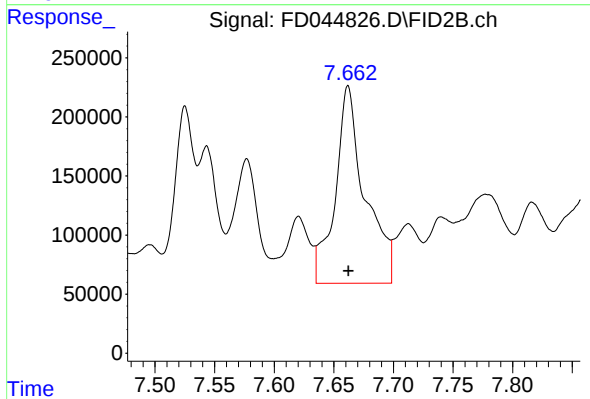
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 693070
Conc: 4.13 ug/ml



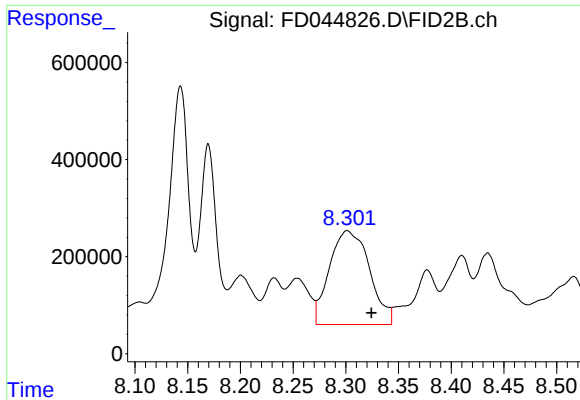
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 7818069
Conc: 46.50 ug/ml



#4 2-Bromonaphthalene (SURR)

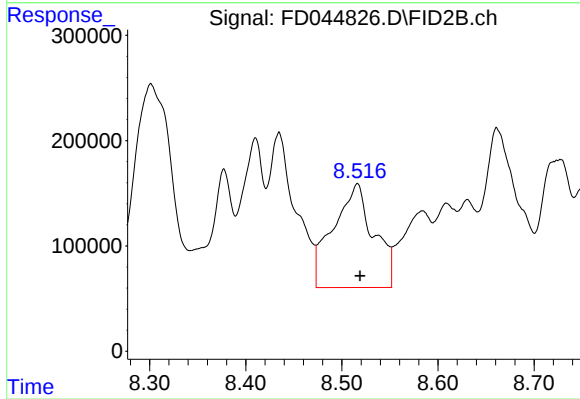
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 2884513
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

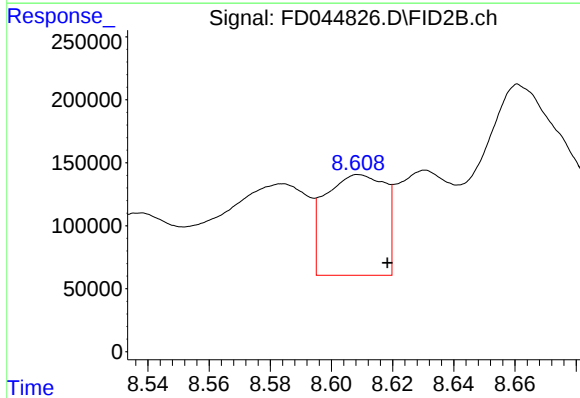
R.T.: 8.302 min
Delta R.T.: -0.023 min
Response: 5107206
Conc: 33.67 ug/ml

Instrument :
FID_D
ClientSampleId :



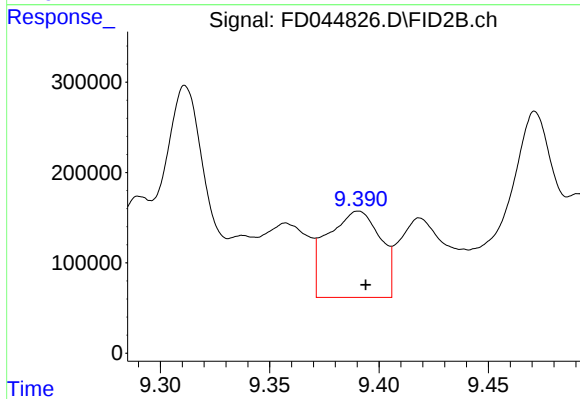
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 2880996
Conc: 29.68 ug/ml



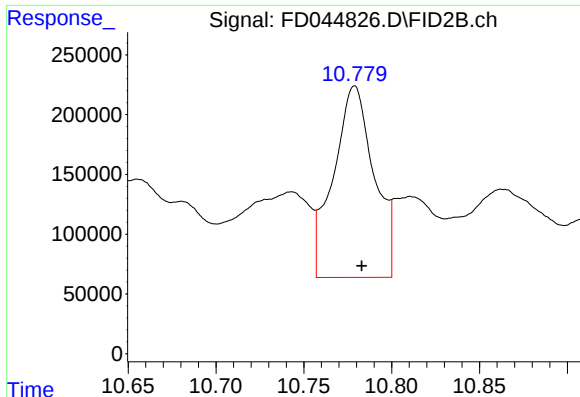
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: -0.009 min
Response: 1084442
Conc: 6.69 ug/ml



#8 Fluorene (C16.55)

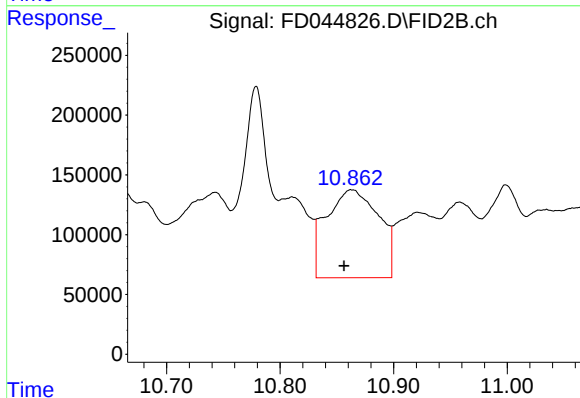
R.T.: 9.390 min
Delta R.T.: -0.004 min
Response: 1607727
Conc: 10.09 ug/ml



#9 Phenanthrene (C19.36)

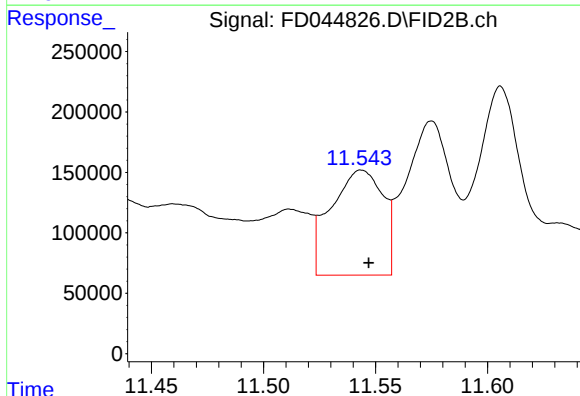
R.T.: 10.779 min
Delta R.T.: -0.004 min
Response: 2580521
Conc: 16.44 ug/ml

Instrument :
FID_D
ClientSampleId :



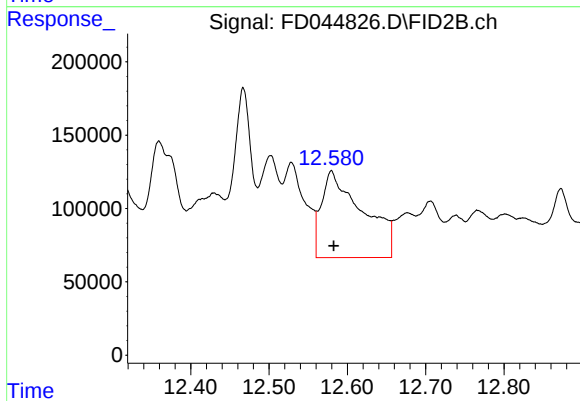
#10 Anthracene (C19.43)

R.T.: 10.863 min
Delta R.T.: 0.007 min
Response: 2354796
Conc: 18.73 ug/ml



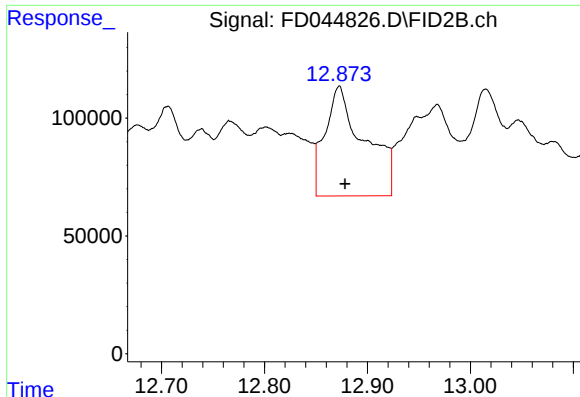
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.003 min
Response: 1403789
Conc: 7.79 ug/ml



#12 Fluoranthene (C21.85)

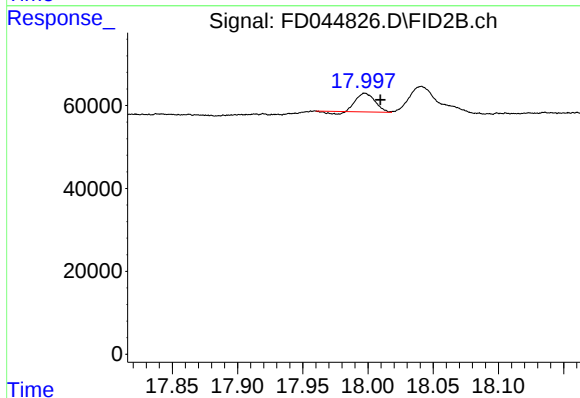
R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 2154880
Conc: 13.72 ug/ml



#13 Pyrene (C20.8)

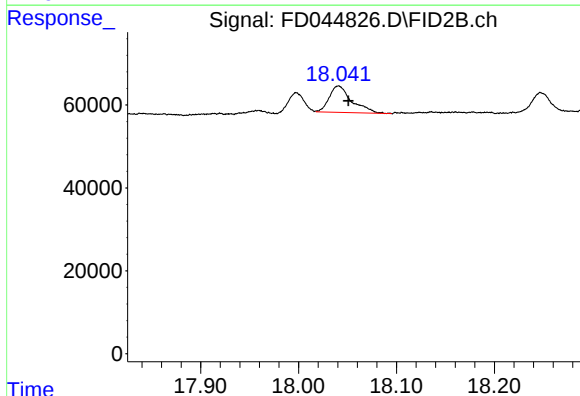
R.T.: 12.873 min
Delta R.T.: -0.006 min
Response: 1235921
Conc: 8.07 ug/ml

Instrument :
FID_D
ClientSampleId :



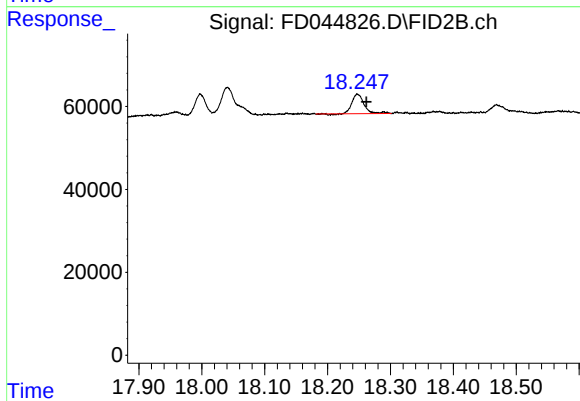
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.998 min
Delta R.T.: -0.012 min
Response: 41492
Conc: 0.29 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.010 min
Response: 101147
Conc: 0.69 ug/ml



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

R.T.: 18.248 min
Delta R.T.: -0.014 min
Response: 62731
Conc: 0.44 ug/ml