

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044583.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 20:06
 Operator : YP/AJ
 Sample : N5807-07
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:46:12 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...	7.680	5984273	46.111 ug/ml
Spiked Amount 50.000		Recovery =	92.22%
6) S 2-Fluorobiphenyl (SURR)	8.538	3899152	44.150 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.30%
11) S ortho-Terphenyl (SURR)	11.567	5057025	31.073 ug/ml
Spiked Amount 50.000		Recovery =	62.15%
Target Compounds			
2) T Naphthalene (C11.7)	6.026	35007	0.233 ug/ml
9) T Phenanthrene (C19.36)	10.798	210689	1.477 ug/ml
10) T Anthracene (C19.43)	10.872	64036	0.461 ug/ml
12) T Fluoranthene (C21.85)	12.600	461884	3.240 ug/ml
13) T Pyrene (C20.8)	12.895	369039	2.652 ug/ml
14) T Benzo[a]anthracene (C...	14.754	217845	1.684 ug/ml
15) T Chrysene (C27.41)	14.794	228271	1.693 ug/ml
16) T benzo[b]fluoranthene ...	16.294	309768	2.354 ug/ml
17) T Bnezo[k]fluoranthene ...	16.322	103691	0.796 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	185302	1.434 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.021	139672	1.096 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	181841	1.445 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	144280	1.122 ug/ml

(f)=RT Delta > 1/2 Window

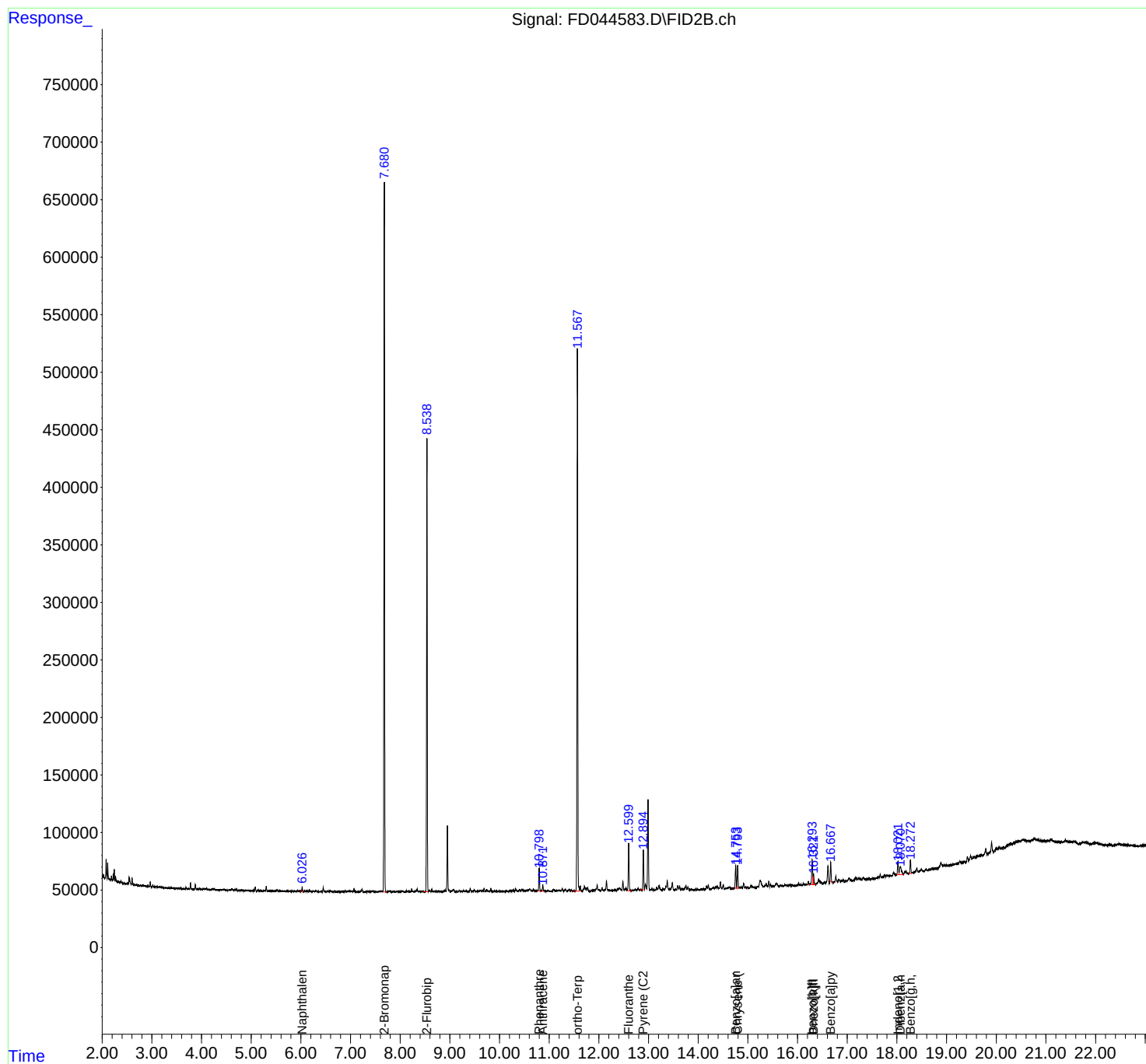
(m)=manual int.

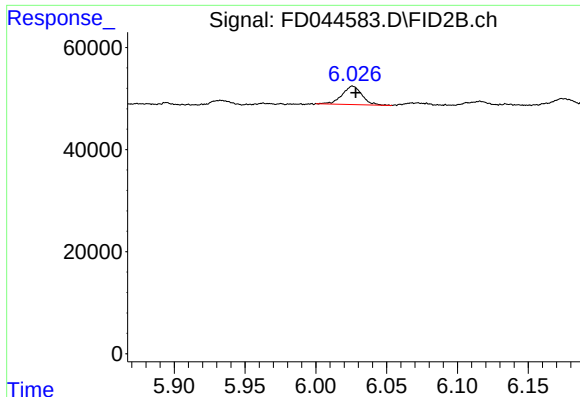
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Signal Info : 20M x 0.18mm x 0.18µm

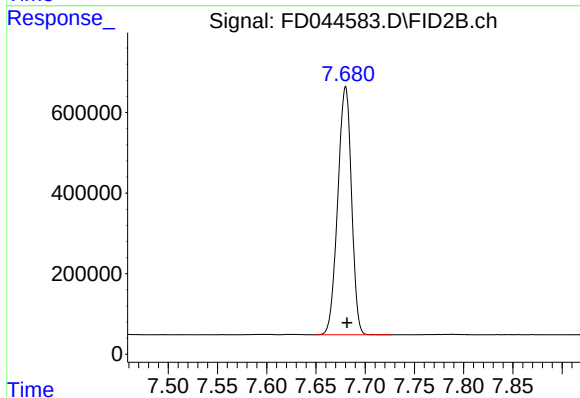




#2 Naphthalene (C11.7)

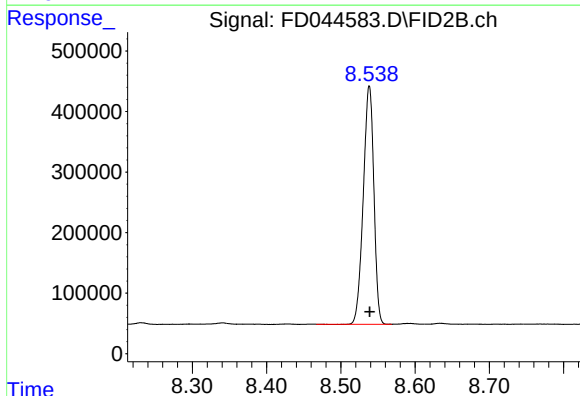
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 35007
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



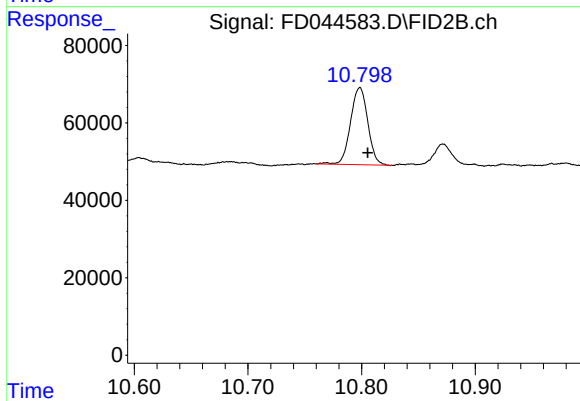
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 5984273
Conc: 46.11 ug/ml



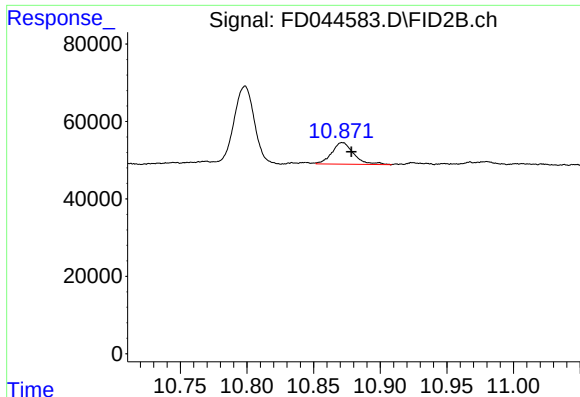
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 3899152
Conc: 44.15 ug/ml



#9 Phenanthrene (C19.36)

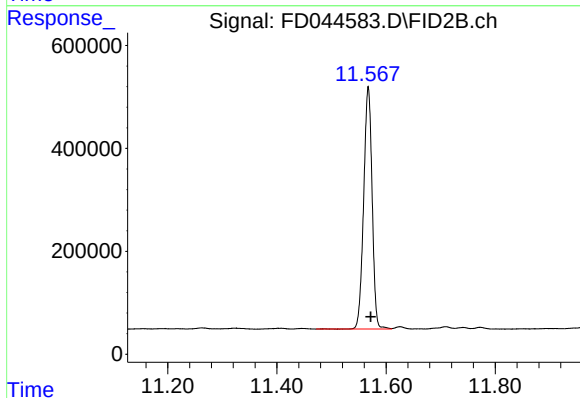
R.T.: 10.798 min
Delta R.T.: -0.007 min
Response: 210689
Conc: 1.48 ug/ml



#10 Anthracene (C19.43)

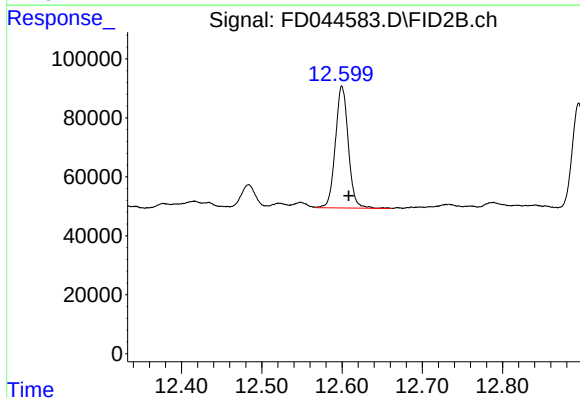
R.T.: 10.872 min
Delta R.T.: -0.007 min
Response: 64036
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



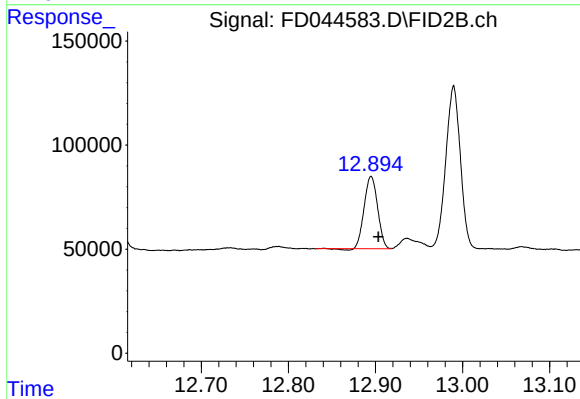
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 5057025
Conc: 31.07 ug/ml



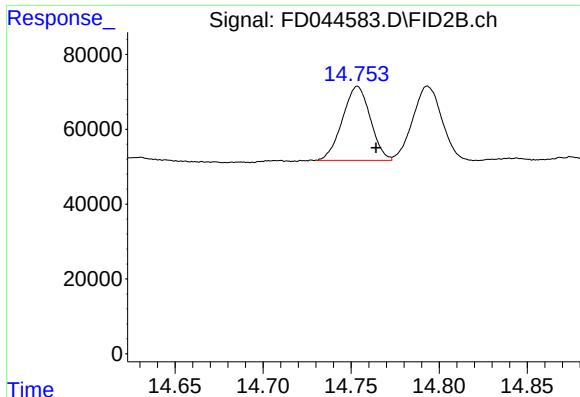
#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: -0.008 min
Response: 461884
Conc: 3.24 ug/ml



#13 Pyrene (C20.8)

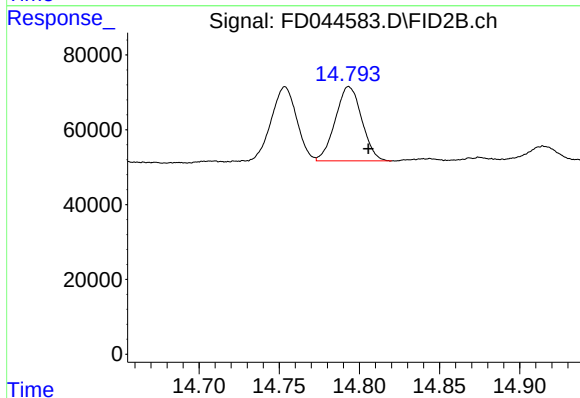
R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 369039
Conc: 2.65 ug/ml



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

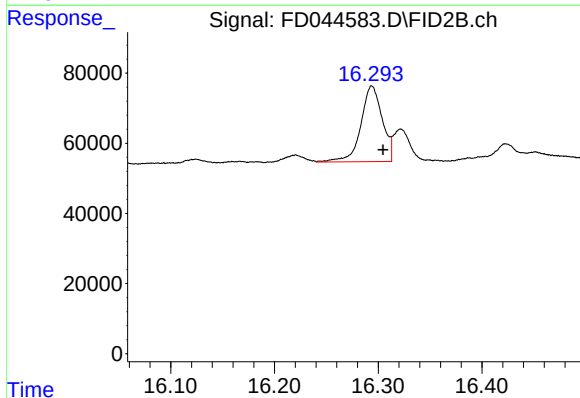
R.T.: 14.754 min
Delta R.T.: -0.011 min
Response: 217845
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :



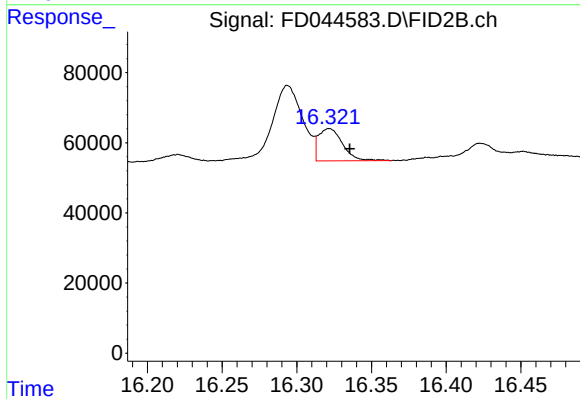
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.012 min
Response: 228271
Conc: 1.69 ug/ml



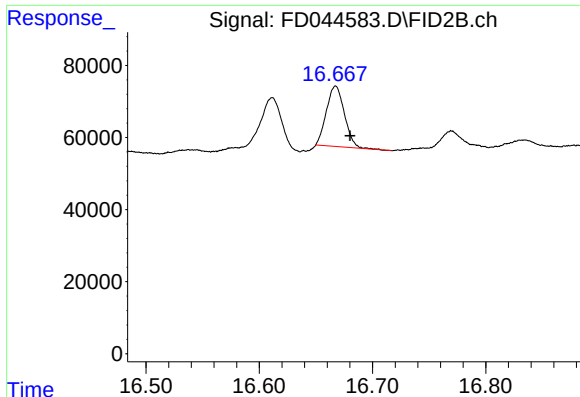
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: -0.011 min
Response: 309768
Conc: 2.35 ug/ml



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

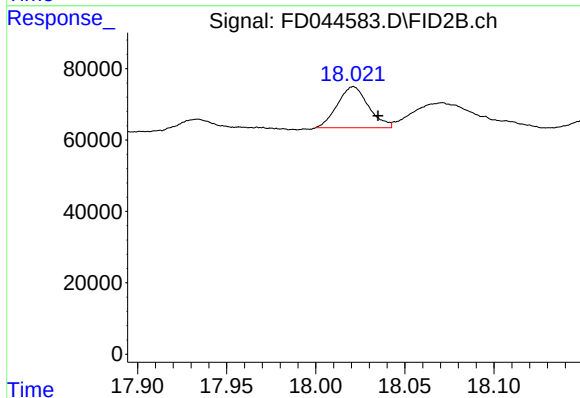
R.T.: 16.322 min
Delta R.T.: -0.014 min
Response: 103691
Conc: 0.80 ug/ml



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

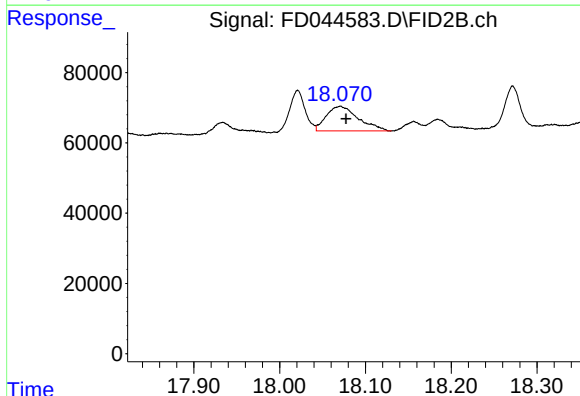
R.T.: 16.667 min
Delta R.T.: -0.013 min
Response: 185302
Conc: 1.43 ug/ml

Instrument :
FID_D
ClientSampleId :



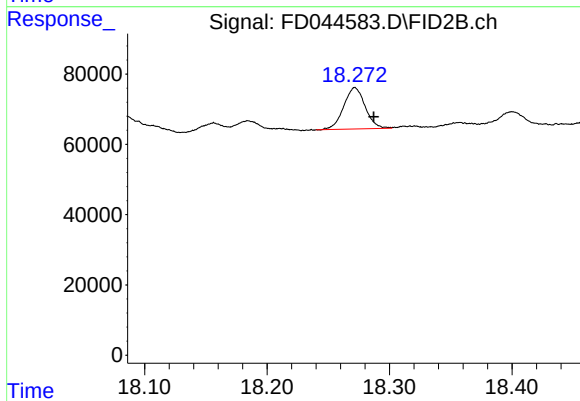
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.021 min
Delta R.T.: -0.014 min
Response: 139672
Conc: 1.10 ug/ml



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

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 181841
Conc: 1.45 ug/ml



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

R.T.: 18.272 min
Delta R.T.: -0.015 min
Response: 144280
Conc: 1.12 ug/ml