

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044582.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 19:24
 Operator : YP/AJ
 Sample : N5807-06
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:46:00 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...	7.678	6138396	47.298 ug/ml
Spiked Amount 50.000		Recovery =	94.60%
6) S 2-Fluorobiphenyl (SURR)	8.536	4063871	46.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.03%
11) S ortho-Terphenyl (SURR)	11.566	5256490	32.299 ug/ml
Spiked Amount 50.000		Recovery =	64.60%
Target Compounds			
9) T Phenanthrene (C19.36)	10.797	209402	1.468 ug/ml
10) T Anthracene (C19.43)	10.870	62775	0.452 ug/ml
12) T Fluoranthene (C21.85)	12.598	418646	2.937 ug/ml
13) T Pyrene (C20.8)	12.894	349435	2.511 ug/ml
14) T Benzo[a]anthracene (C...	14.753	202998	1.569 ug/ml
15) T Chrysene (C27.41)	14.793	213763	1.586 ug/ml
16) T benzo[b]fluoranthene ...	16.294	390967	2.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294	390967	3.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	172200	1.332 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	119140	0.935 ug/ml
20) T Dibenz[a,h]anthracene...	18.069	198886	1.581 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	122895	0.955 ug/ml

(f)=RT Delta > 1/2 Window

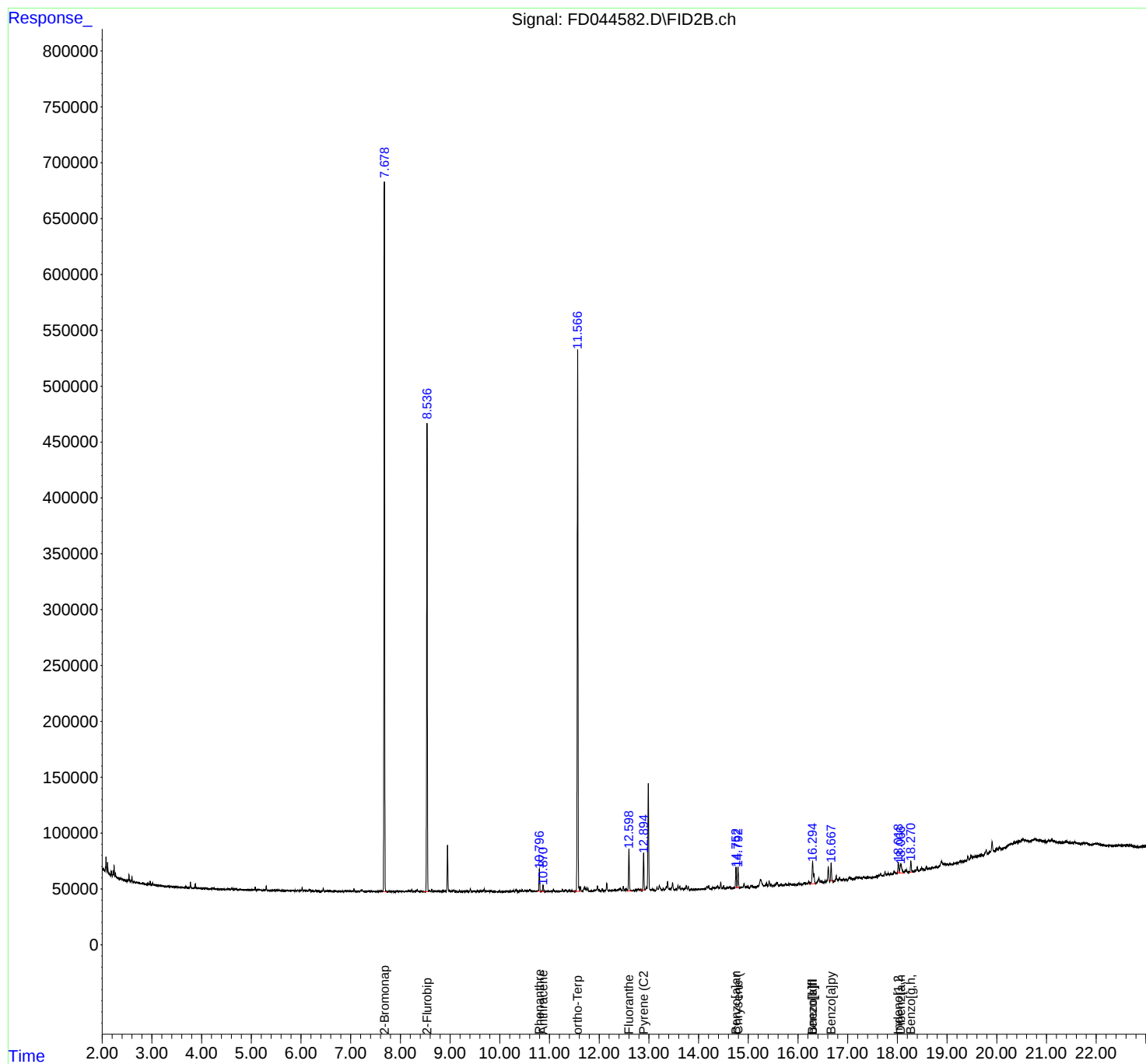
(m)=manual int.

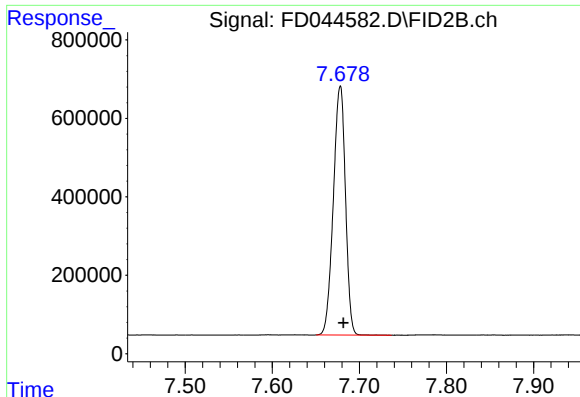
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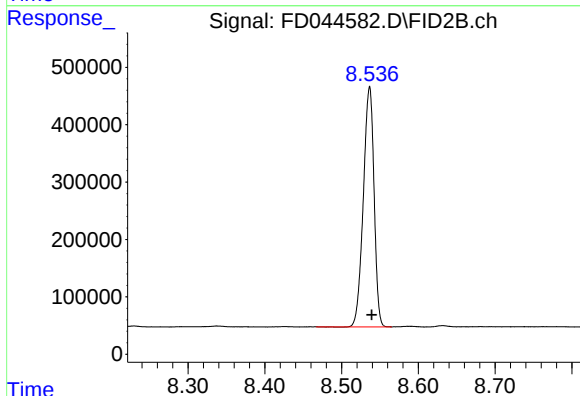




#4 2-Bromonaphthalene (SURRE)

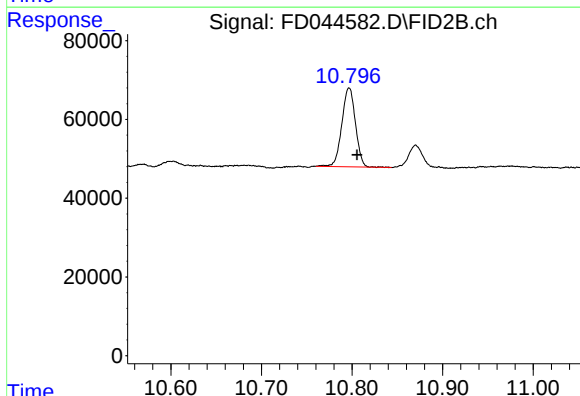
R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 6138396
Conc: 47.30 ug/ml

Instrument :
FID_D
ClientSampleId :



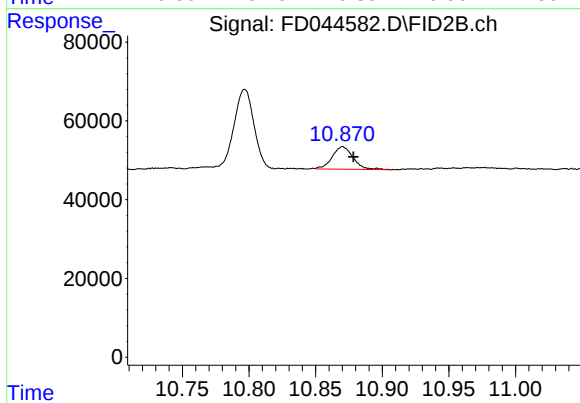
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 4063871
Conc: 46.01 ug/ml



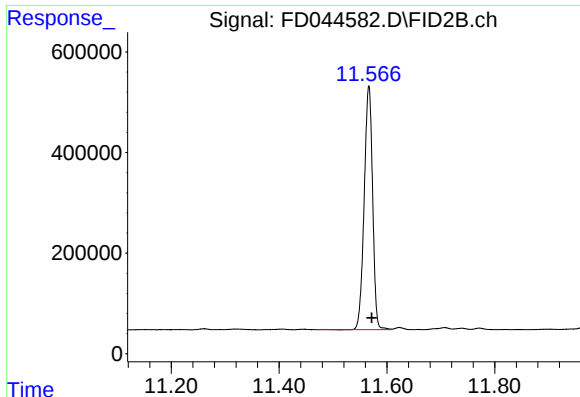
#9 Phenanthrene (C19.36)

R.T.: 10.797 min
Delta R.T.: -0.009 min
Response: 209402
Conc: 1.47 ug/ml



#10 Anthracene (C19.43)

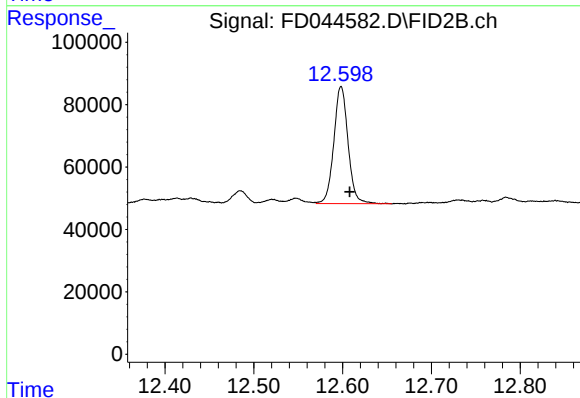
R.T.: 10.870 min
Delta R.T.: -0.008 min
Response: 62775
Conc: 0.45 ug/ml



#11 ortho-Terphenyl (SURR)

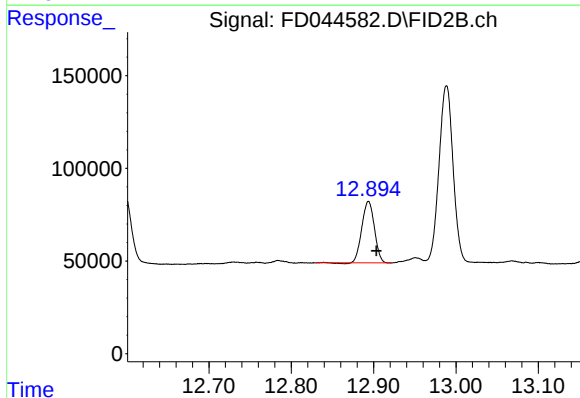
R.T.: 11.566 min
Delta R.T.: -0.005 min
Response: 5256490
Conc: 32.30 ug/ml

Instrument :
FID_D
ClientSampleId :



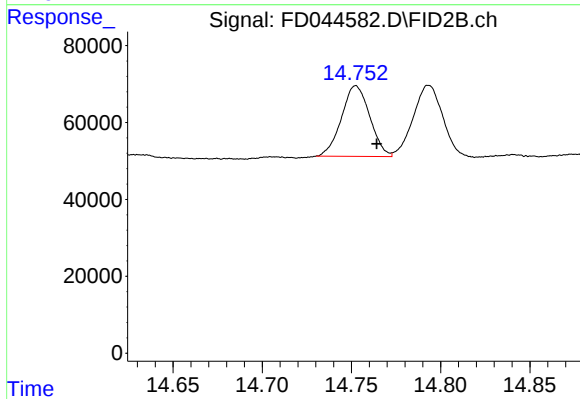
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: -0.010 min
Response: 418646
Conc: 2.94 ug/ml



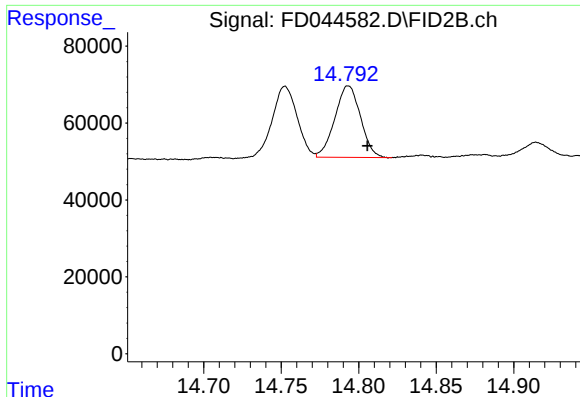
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.010 min
Response: 349435
Conc: 2.51 ug/ml



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

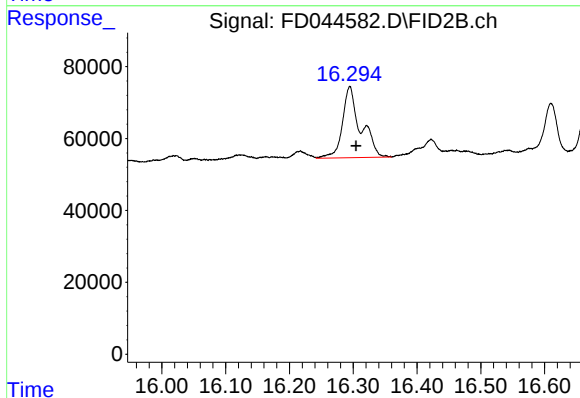
R.T.: 14.753 min
Delta R.T.: -0.012 min
Response: 202998
Conc: 1.57 ug/ml



#15 Chrysene (C27.41)

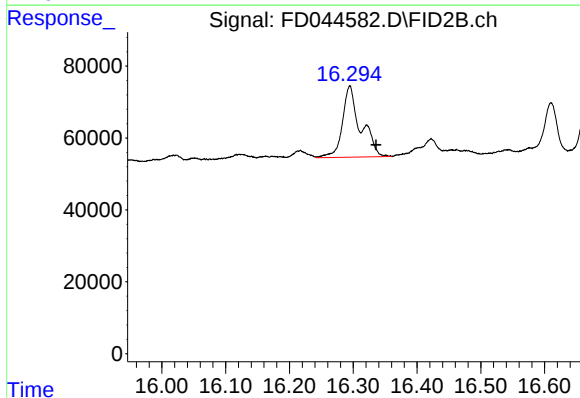
R.T.: 14.793 min
Delta R.T.: -0.012 min
Response: 213763
Conc: 1.59 ug/ml

Instrument :
FID_D
ClientSampleId :



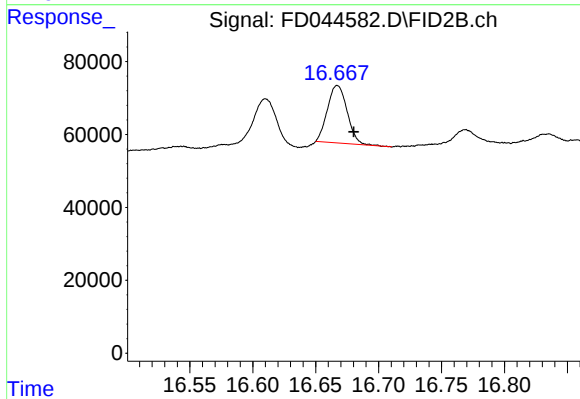
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: -0.010 min
Response: 390967
Conc: 2.97 ug/ml



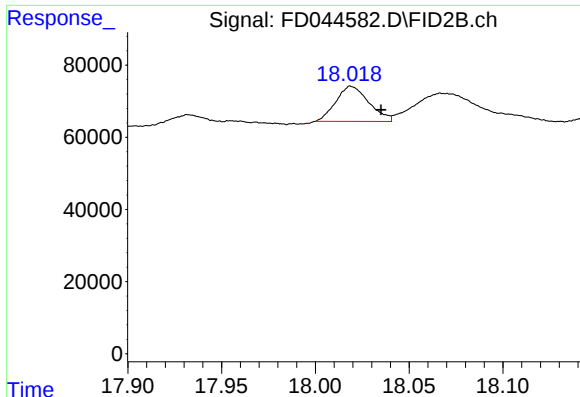
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.294 min
Delta R.T.: -0.041 min
Response: 390967
Conc: 3.00 ug/ml



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

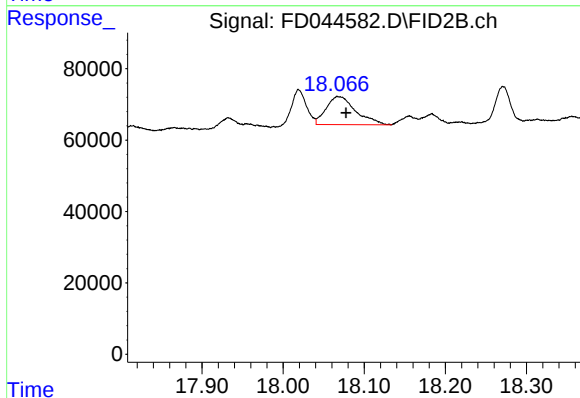
R.T.: 16.667 min
Delta R.T.: -0.013 min
Response: 172200
Conc: 1.33 ug/ml



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

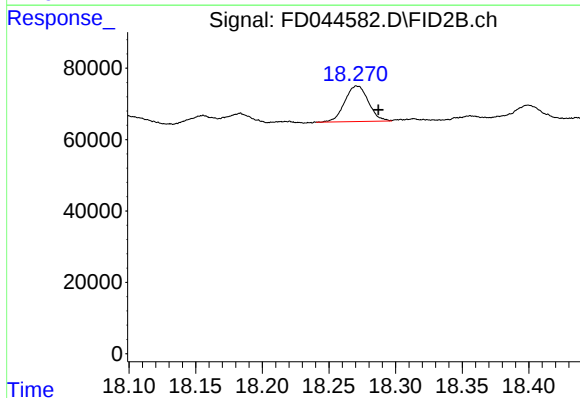
R.T.: 18.019 min
Delta R.T.: -0.016 min
Response: 119140
Conc: 0.93 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.069 min
Delta R.T.: -0.009 min
Response: 198886
Conc: 1.58 ug/ml



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

R.T.: 18.271 min
Delta R.T.: -0.016 min
Response: 122895
Conc: 0.96 ug/ml