

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046751.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2023 00:54
 Operator : YP/AJ
 Sample : 04816-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 14 03:03:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 2023
 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...	7.490	10171053	54.791 ug/ml
Spiked Amount 50.000		Recovery =	109.58%
6) S 2-Fluorobiphenyl (SURR)	8.344	6829959	56.370 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.74%
11) S ortho-Terphenyl (SURR)	11.380	6180066	28.564 ug/ml
Spiked Amount 50.000		Recovery =	57.13%
Target Compounds			
2) T Naphthalene (C11.7)	5.831	30748	0.152 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	44819	0.219 ug/ml
9) T Phenanthrene (C19.36)	10.610	29008	0.157 ug/ml
12) T Fluoranthene (C21.85)	12.409	82009	0.450 ug/ml
13) T Pyrene (C20.8)	12.703	80303	0.458 ug/ml
14) T Benzo[a]anthracene (C...	14.572	31357	0.214 ug/ml
15) T Chrysene (C27.41)	14.622	165135	1.026 ug/ml
16) T benzo[b]fluoranthene ...	16.110	1774	0.012 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	1774	0.012 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	22746	0.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786f	35211	0.260 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	60534	0.428 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	38054	0.271 ug/ml

(f)=RT Delta > 1/2 Window

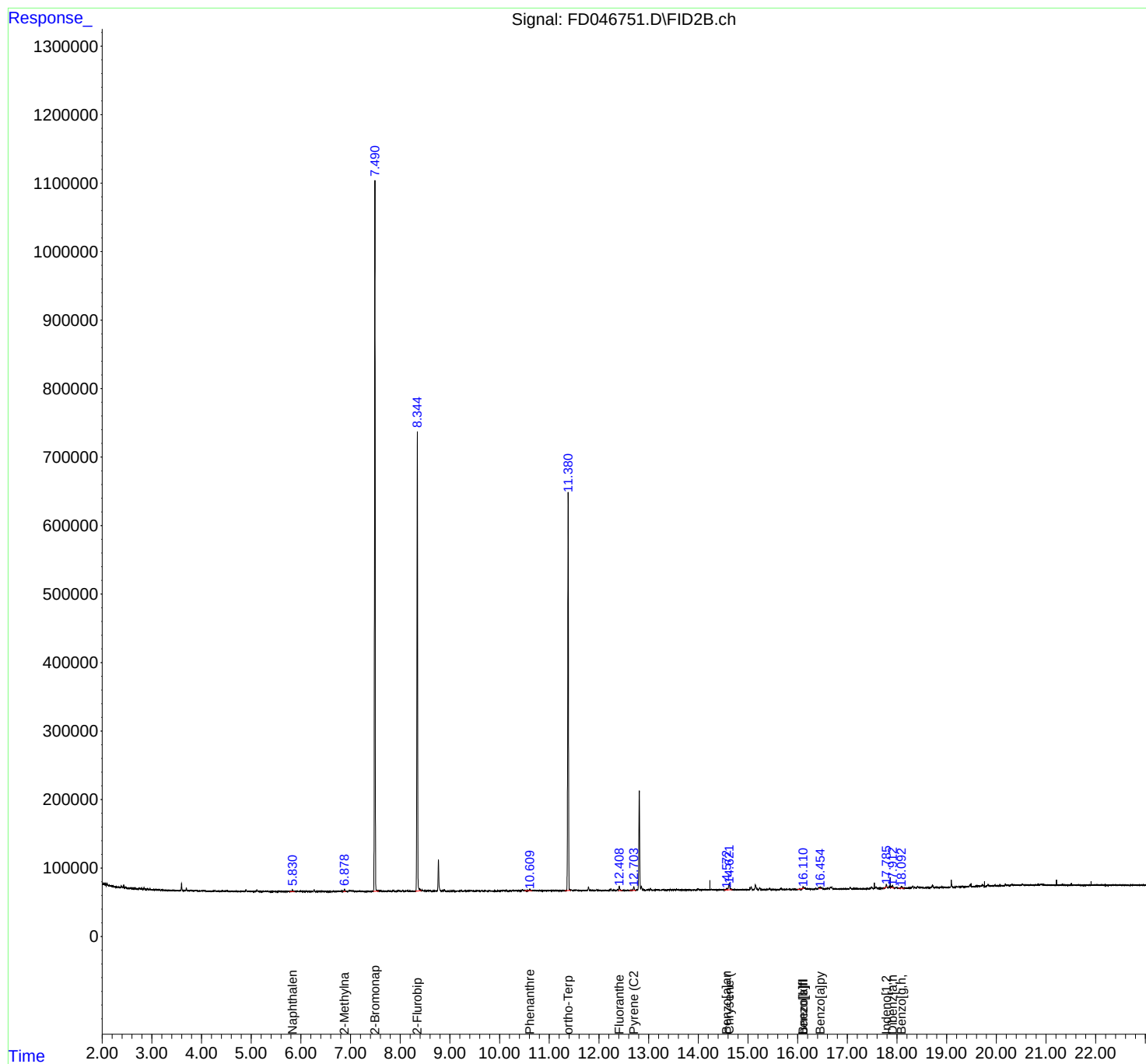
(m)=manual int.

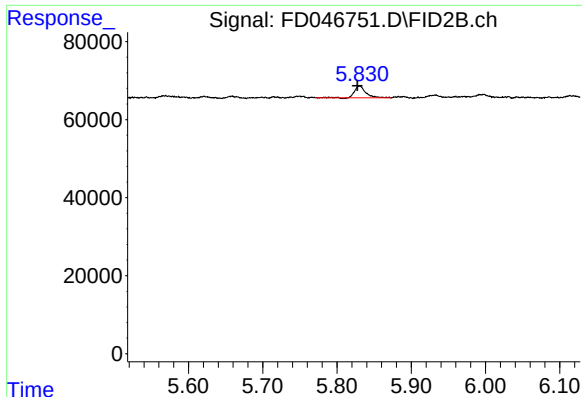
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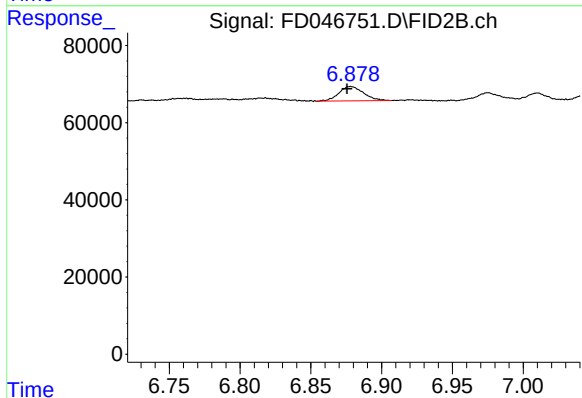




#2 Naphthalene (C11.7)

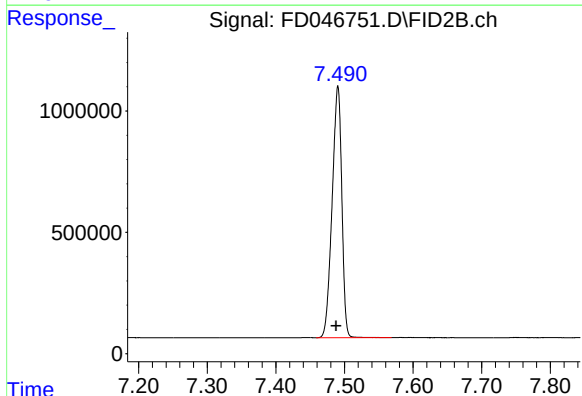
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 30748
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



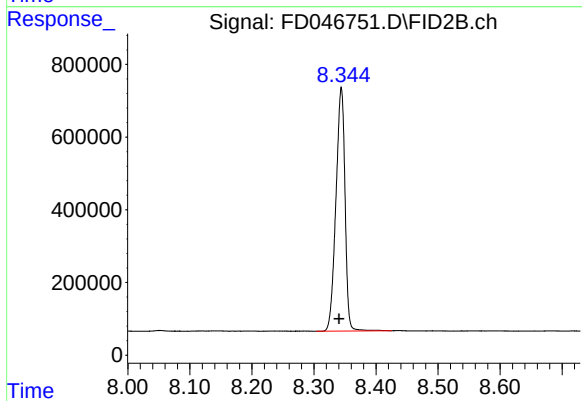
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 44819
Conc: 0.22 ug/ml



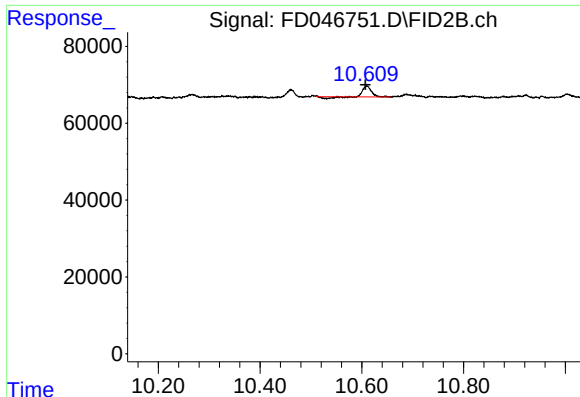
#4 2-Bromonaphthalene (SURR)

R.T.: 7.490 min
Delta R.T.: 0.003 min
Response: 10171053
Conc: 54.79 ug/ml



#6 2-Fluorobiphenyl (SURR)

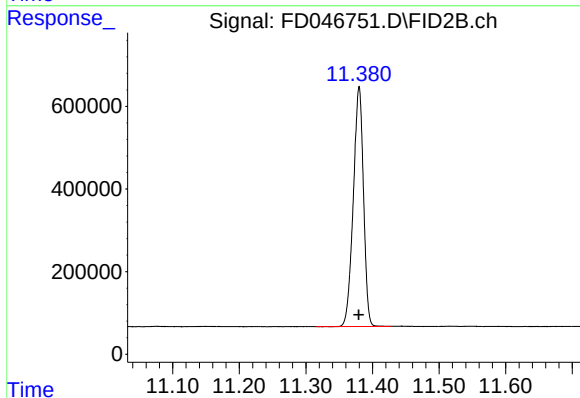
R.T.: 8.344 min
Delta R.T.: 0.003 min
Response: 6829959
Conc: 56.37 ug/ml



#9 Phenanthrene (C19.36)

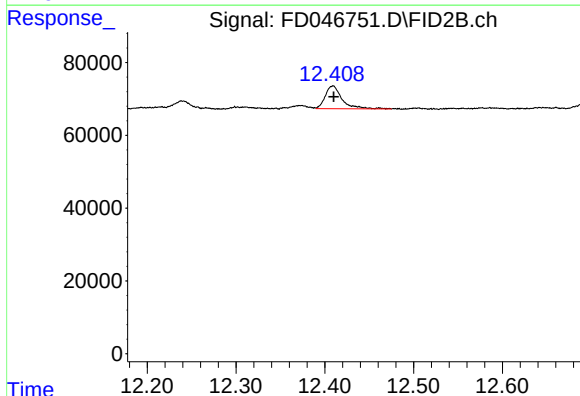
R.T.: 10.610 min
Delta R.T.: 0.003 min
Response: 29008
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



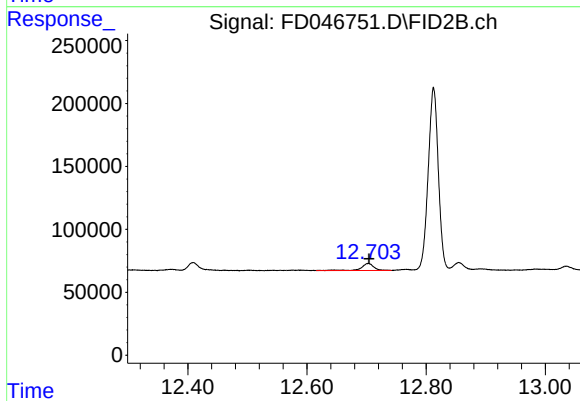
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: 0.000 min
Response: 6180066
Conc: 28.56 ug/ml



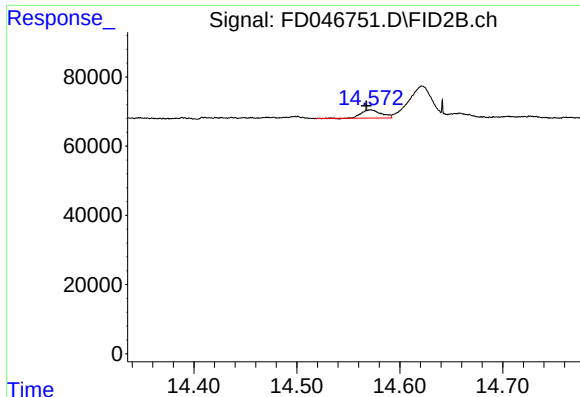
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: 0.000 min
Response: 82009
Conc: 0.45 ug/ml



#13 Pyrene (C20.8)

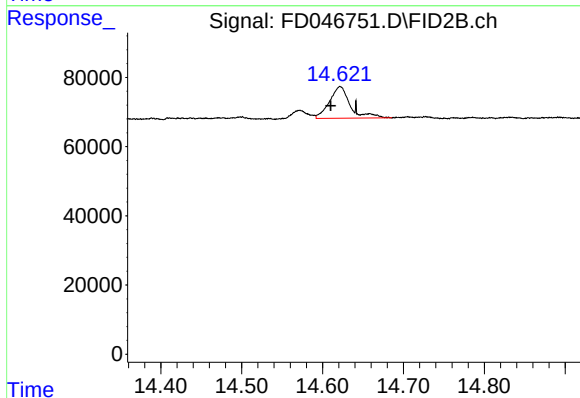
R.T.: 12.703 min
Delta R.T.: 0.000 min
Response: 80303
Conc: 0.46 ug/ml



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

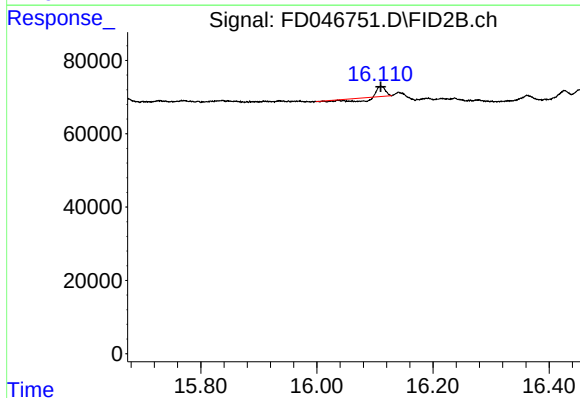
R.T.: 14.572 min
Delta R.T.: 0.004 min
Response: 31357
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



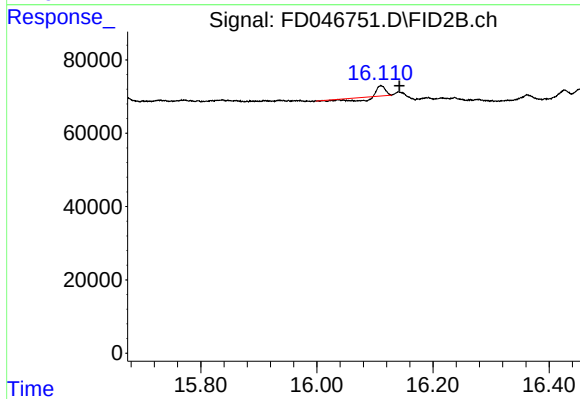
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.012 min
Response: 165135
Conc: 1.03 ug/ml



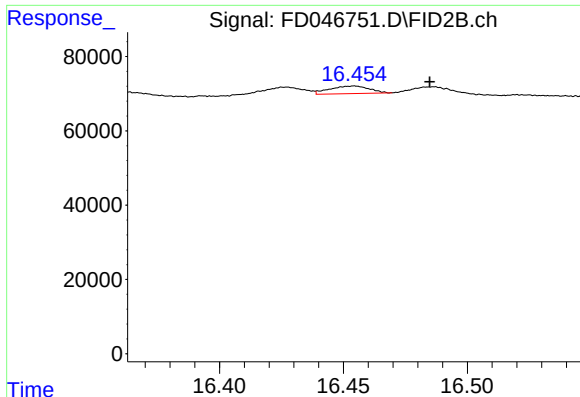
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 1774
Conc: 0.01 ug/ml



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

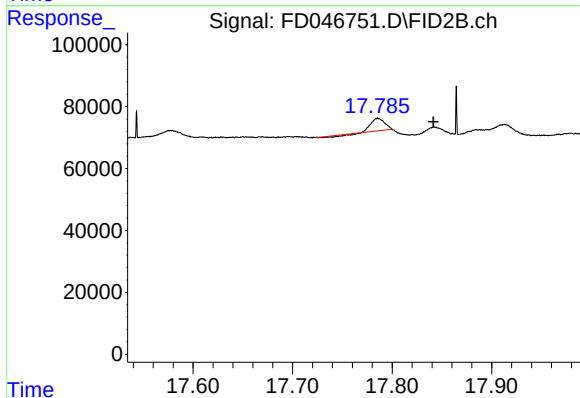
R.T.: 16.110 min
Delta R.T.: -0.031 min
Response: 1774
Conc: 0.01 ug/ml



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

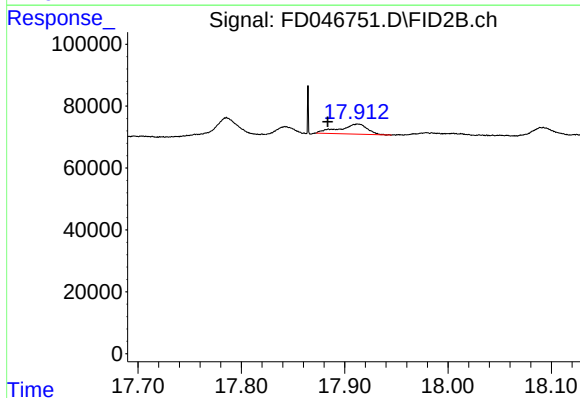
R.T.: 16.454 min
Delta R.T.: -0.031 min
Response: 22746
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



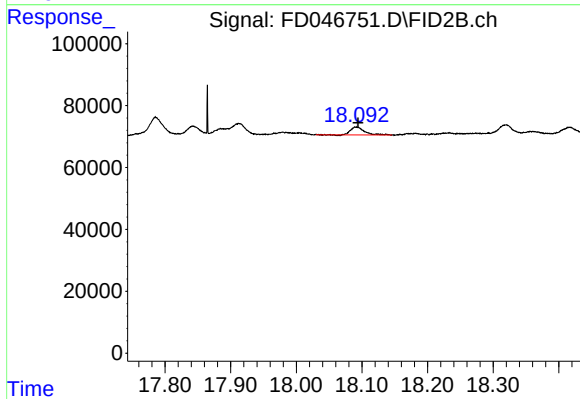
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.786 min
Delta R.T.: -0.055 min
Response: 35211
Conc: 0.26 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.029 min
Response: 60534
Conc: 0.43 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.002 min
Response: 38054
Conc: 0.27 ug/ml