

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101623AR\
 Data File : FD046765.D
 Signal(s) : FID2B.ch
 Acq On : 16 Oct 2023 09:36
 Operator : YP/AJ
 Sample : 04816-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 17 01:08:12 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	9098772	49.015 ug/ml
Spiked Amount 50.000		Recovery =	98.03%
6) S 2-Fluorobiphenyl (SURR)	8.343	5812193	47.970 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.94%
11) S ortho-Terphenyl (SURR)	11.380	6041442	27.924 ug/ml
Spiked Amount 50.000		Recovery =	55.85%
Target Compounds			
12) T Fluoranthene (C21.85)	12.410	72847	0.400 ug/ml
13) T Pyrene (C20.8)	12.703	68651	0.391 ug/ml
14) T Benzo[a]anthracene (C...	14.571	23658	0.162 ug/ml
15) T Chrysene (C27.41)	14.613	68452	0.425 ug/ml
16) T benzo[b]fluoranthene ...	16.110	52979	0.355 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	41200	0.274 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	55192	0.390 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	34404	0.254 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	69972	0.495 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	57938	0.412 ug/ml

(f)=RT Delta > 1/2 Window

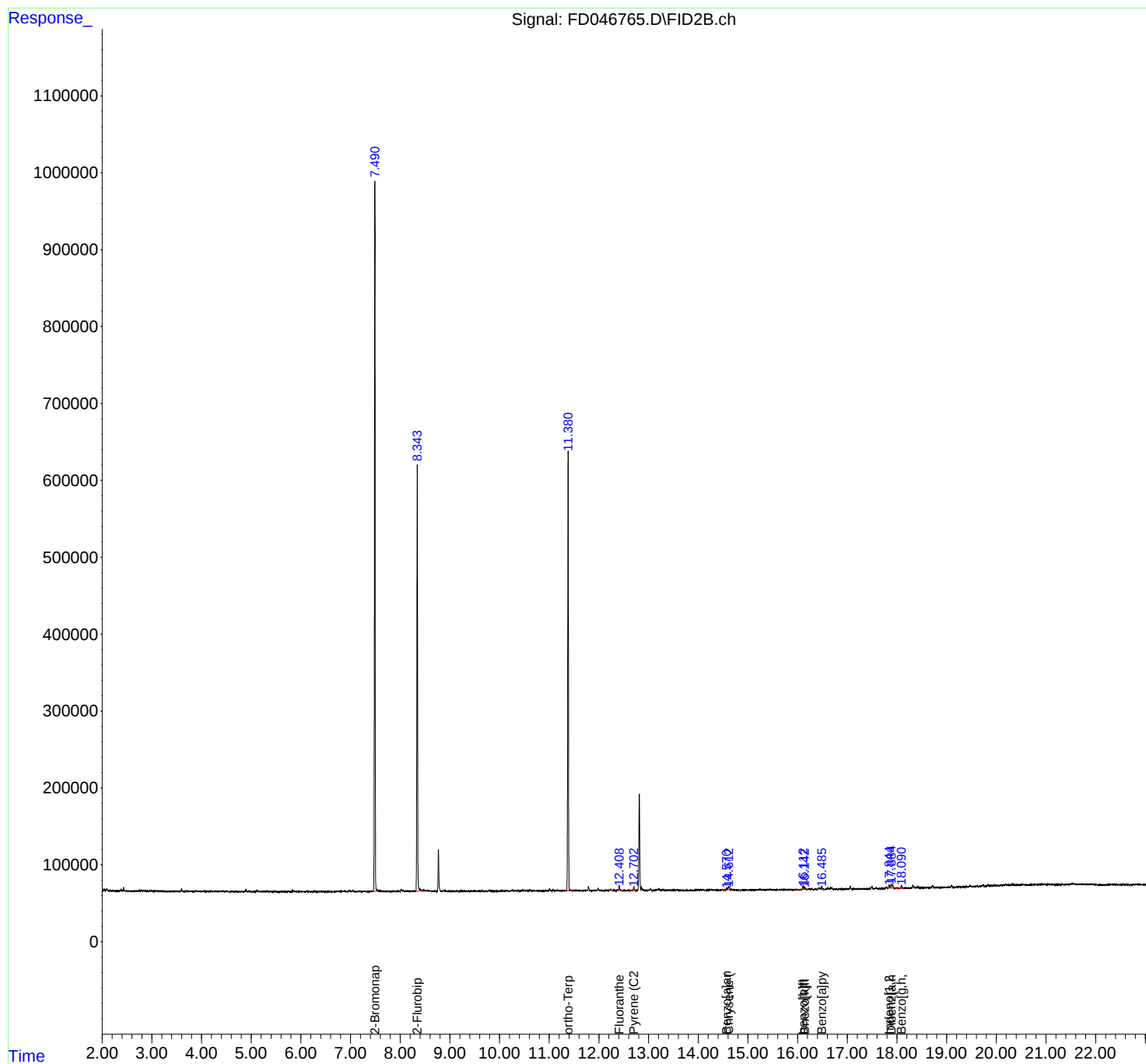
(m)=manual int.

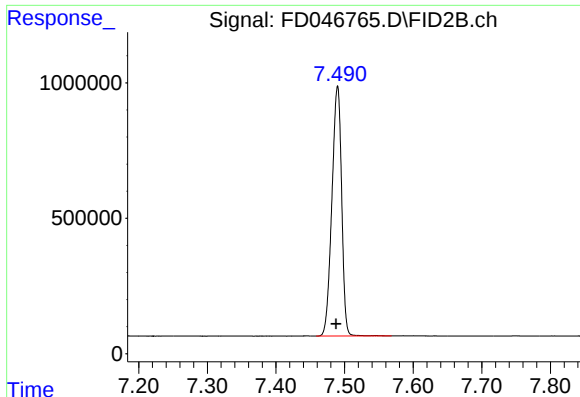
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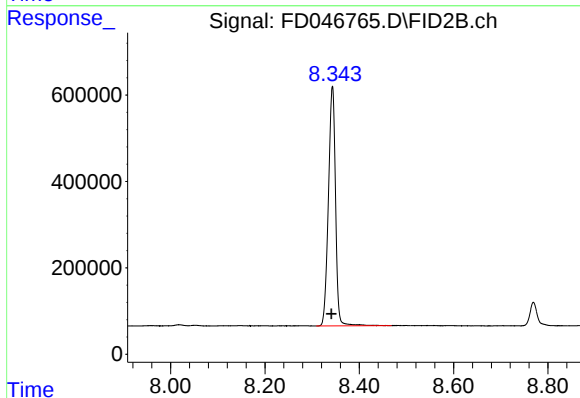




#4 2-Bromonaphthalene (SURR)

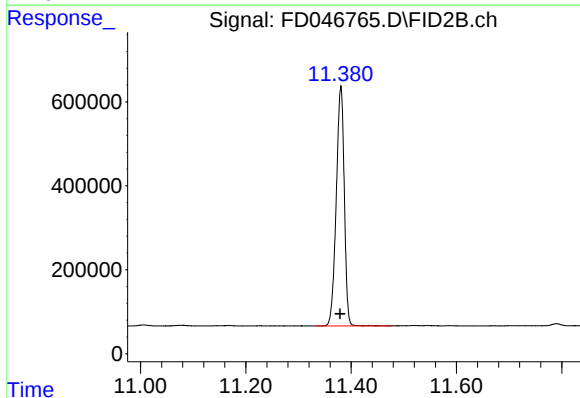
R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 9098772
Conc: 49.01 ug/ml

Instrument :
FID_D
ClientSampleId :



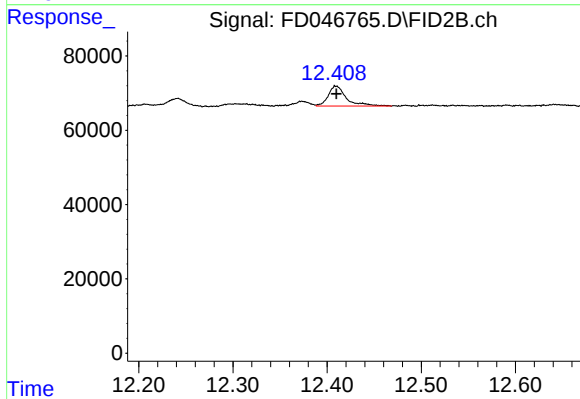
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: 0.002 min
Response: 5812193
Conc: 47.97 ug/ml



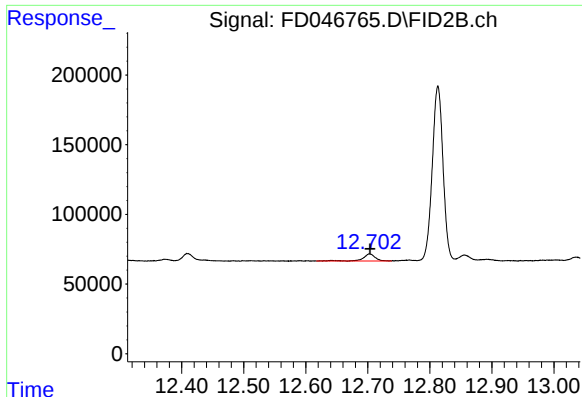
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min
Delta R.T.: 0.001 min
Response: 6041442
Conc: 27.92 ug/ml



#12 Fluoranthene (C21.85)

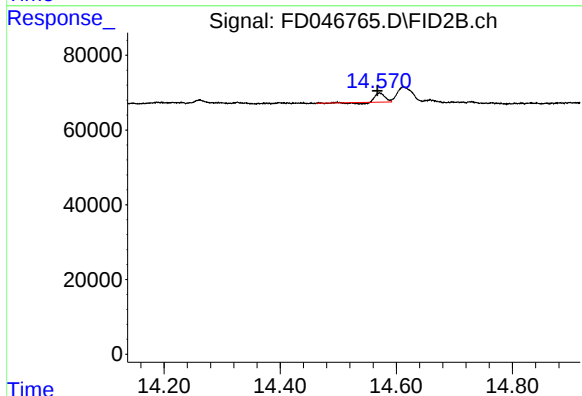
R.T.: 12.410 min
Delta R.T.: 0.000 min
Response: 72847
Conc: 0.40 ug/ml



#13 Pyrene (C20.8)

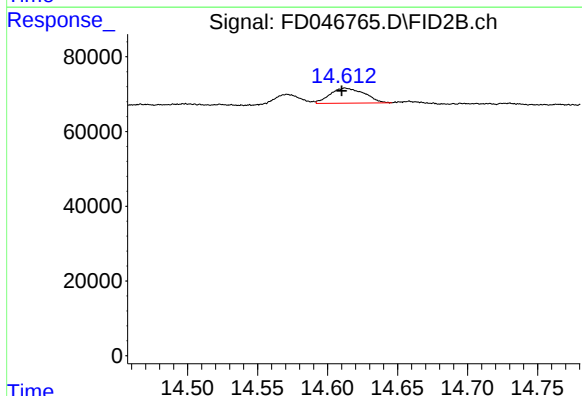
R.T.: 12.703 min
Delta R.T.: 0.000 min
Response: 68651
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



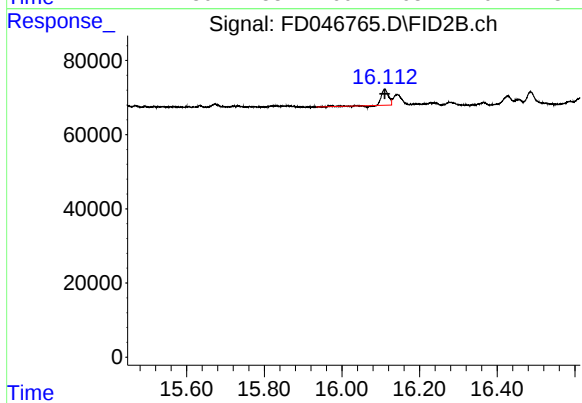
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.571 min
Delta R.T.: 0.004 min
Response: 23658
Conc: 0.16 ug/ml



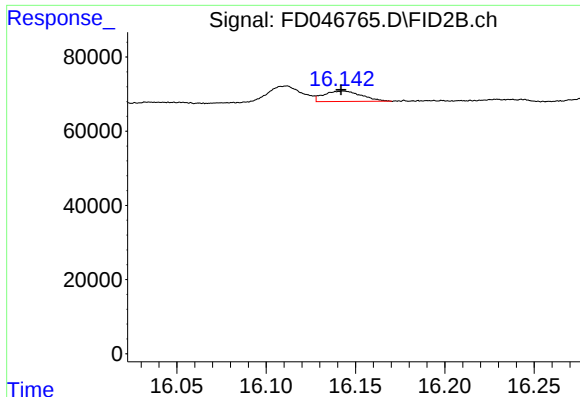
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: 0.003 min
Response: 68452
Conc: 0.43 ug/ml



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

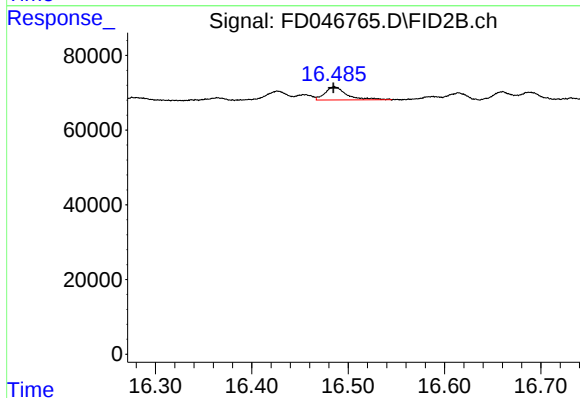
R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 52979
Conc: 0.35 ug/ml



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

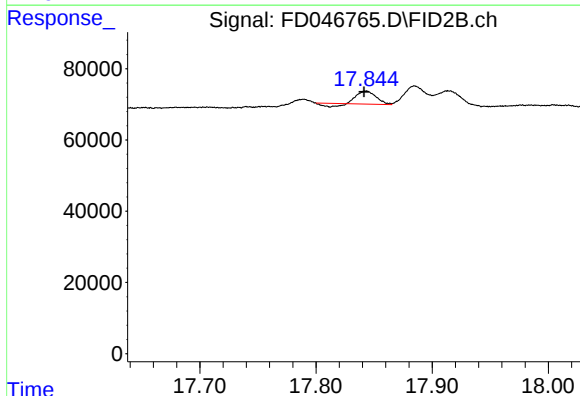
R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 41200
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



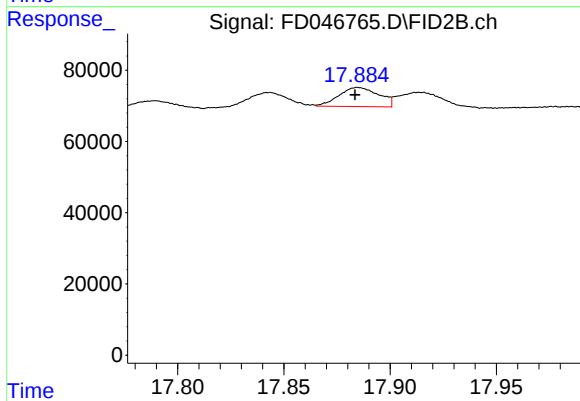
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: 0.000 min
Response: 55192
Conc: 0.39 ug/ml



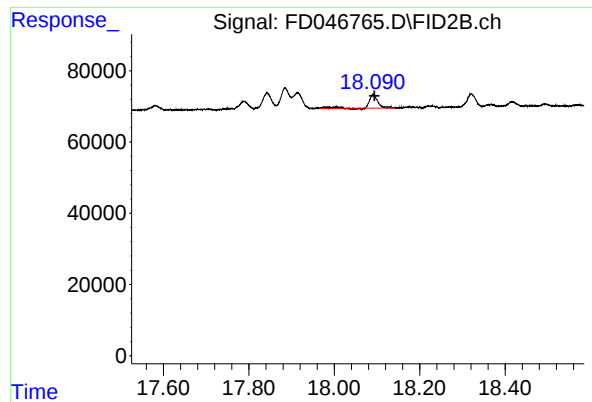
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.002 min
Response: 34404
Conc: 0.25 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.002 min
Response: 69972
Conc: 0.50 ug/ml



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

R.T.: 18.091 min
Delta R.T.: -0.003 min
Response: 57938
Conc: 0.41 ug/ml

Instrument :

FID_D

ClientSampleId :