

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047458.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 20:43
 Operator : YP/AJ
 Sample : P1880-01D
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 04:26:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 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...	7.460	6264891	37.932 ug/ml
Spiked Amount 50.000		Recovery =	75.86%
6) S 2-Fluorobiphenyl (SURR)	8.312	3755480	35.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.59%
11) S ortho-Terphenyl (SURR)	11.349	5292834	28.361 ug/ml
Spiked Amount 50.000		Recovery =	56.72%
Target Compounds			
9) T Phenanthrene (C19.36)	10.575	423974	2.618 ug/ml
12) T Fluoranthene (C21.85)	12.377	727083	4.561 ug/ml
13) T Pyrene (C20.8)	12.671	576190	3.724 ug/ml
14) T Benzo[a]anthracene (C...	14.536	257642	1.901 ug/ml
15) T Chrysene (C27.41)	14.576	311211	2.096 ug/ml
16) T benzo[b]fluoranthene ...	16.081	673918	4.801 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	673918	4.759 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.456	264631	1.916 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	486490	3.892 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	466189	3.535 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	175903	1.309 ug/ml

(f)=RT Delta > 1/2 Window

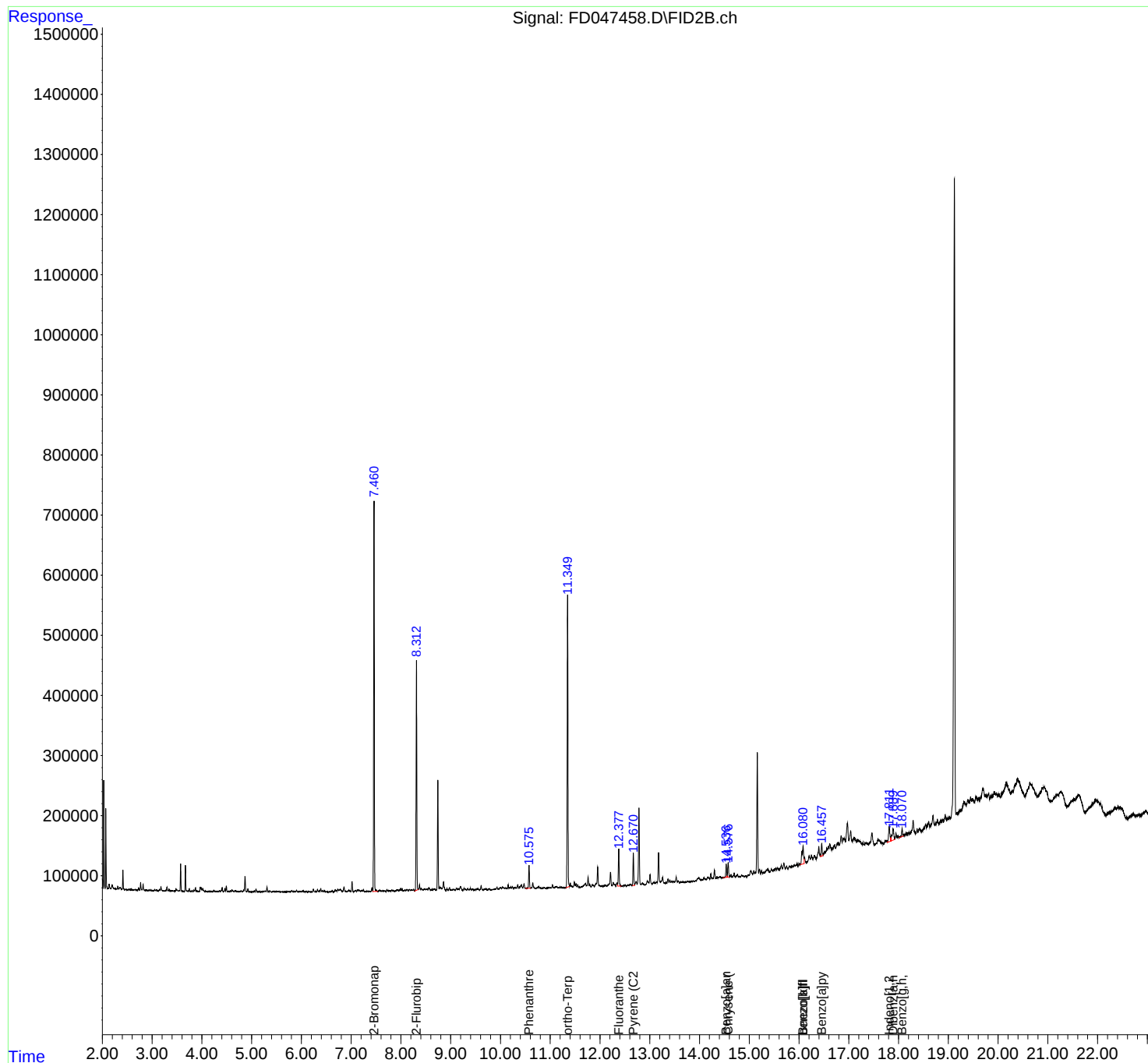
(m)=manual int.

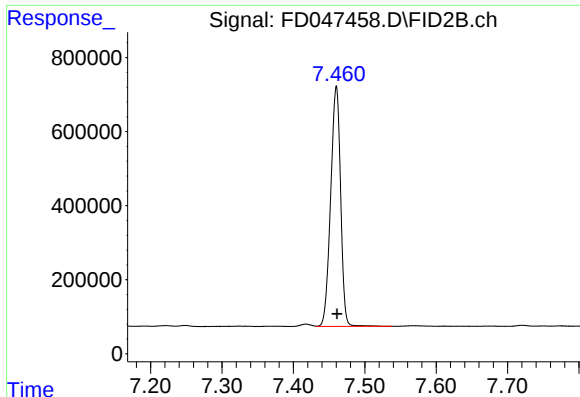
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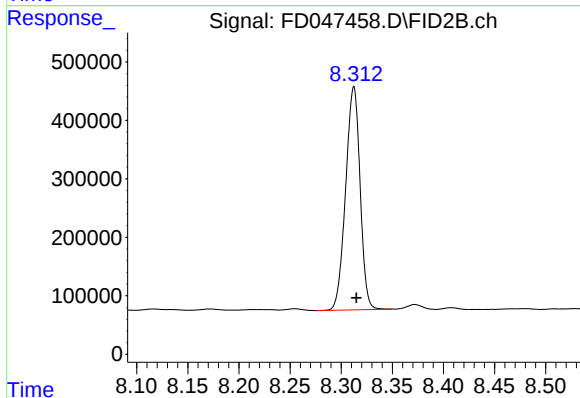




#4 2-Bromonaphthalene (SURR)

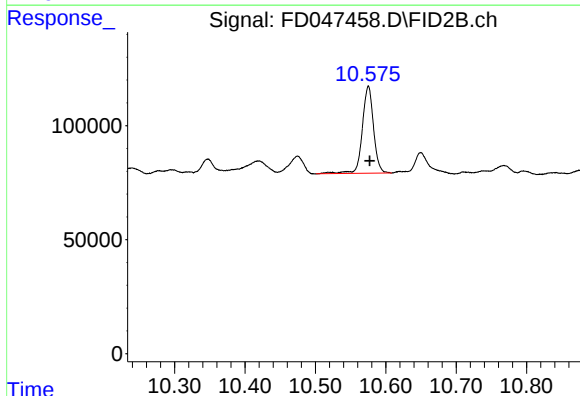
R.T.: 7.460 min
Delta R.T.: -0.001 min
Response: 6264891
Conc: 37.93 ug/ml

Instrument :
FID_D
ClientSampleId :



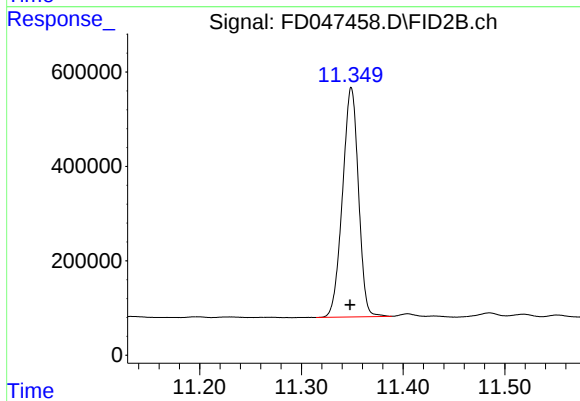
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 3755480
Conc: 35.29 ug/ml



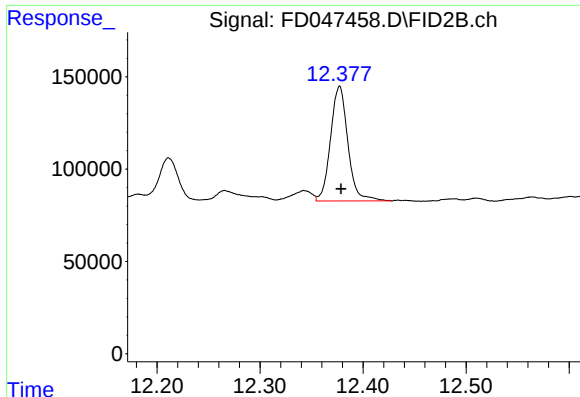
#9 Phenanthrene (C19.36)

R.T.: 10.575 min
Delta R.T.: -0.002 min
Response: 423974
Conc: 2.62 ug/ml



#11 ortho-Terphenyl (SURR)

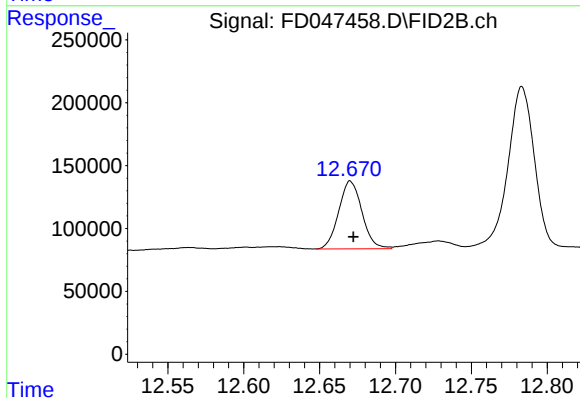
R.T.: 11.349 min
Delta R.T.: 0.001 min
Response: 5292834
Conc: 28.36 ug/ml



#12 Fluoranthene (C21.85)

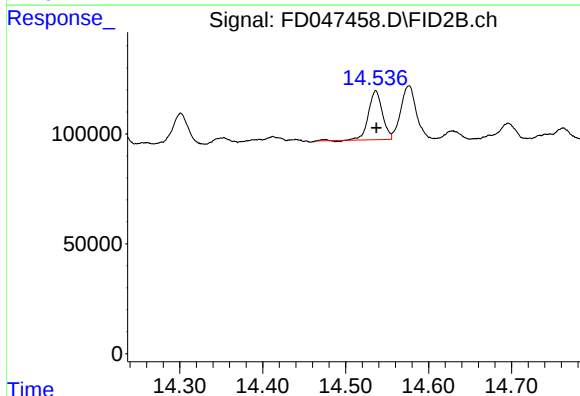
R.T.: 12.377 min
Delta R.T.: -0.002 min
Response: 727083
Conc: 4.56 ug/ml

Instrument :
FID_D
ClientSampleId :



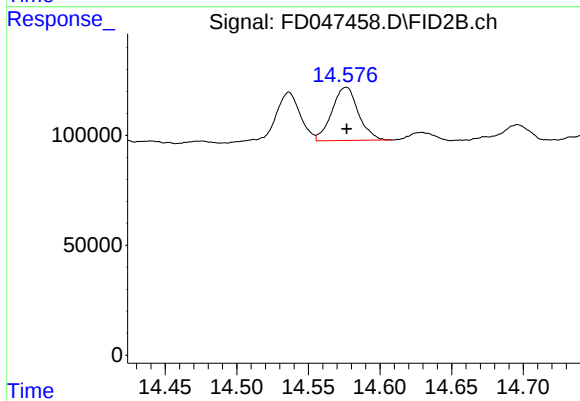
#13 Pyrene (C20.8)

R.T.: 12.671 min
Delta R.T.: -0.002 min
Response: 576190
Conc: 3.72 ug/ml



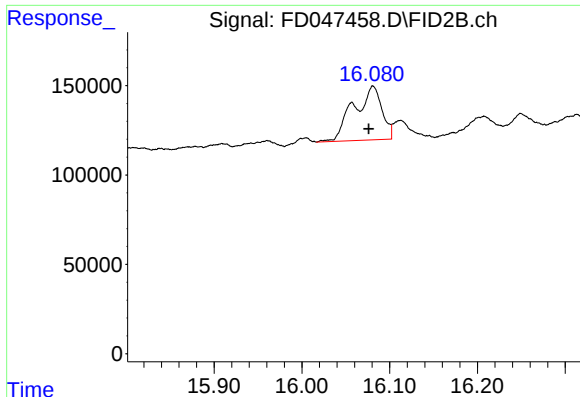
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: 0.000 min
Response: 257642
Conc: 1.90 ug/ml



#15 Chrysene (C27.41)

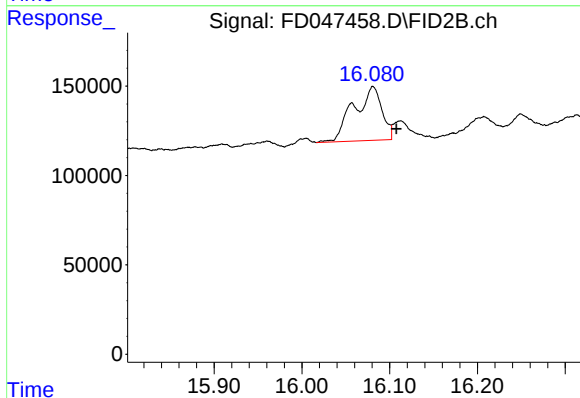
R.T.: 14.576 min
Delta R.T.: 0.000 min
Response: 311211
Conc: 2.10 ug/ml



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

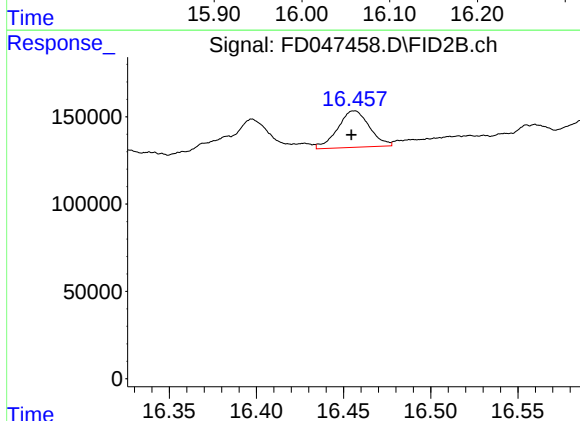
R.T.: 16.081 min
Delta R.T.: 0.005 min
Response: 673918
Conc: 4.80 ug/ml

Instrument :
FID_D
ClientSampleId :



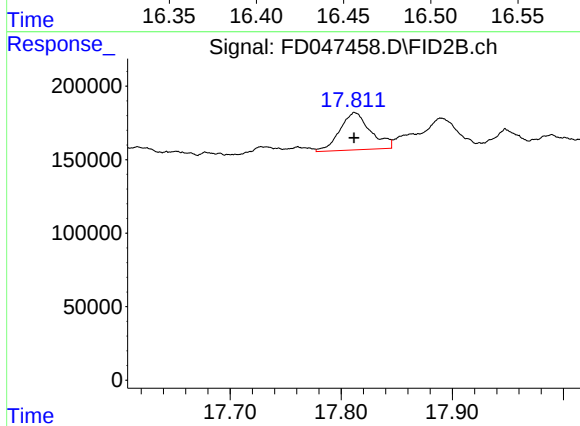
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.081 min
Delta R.T.: -0.027 min
Response: 673918
Conc: 4.76 ug/ml



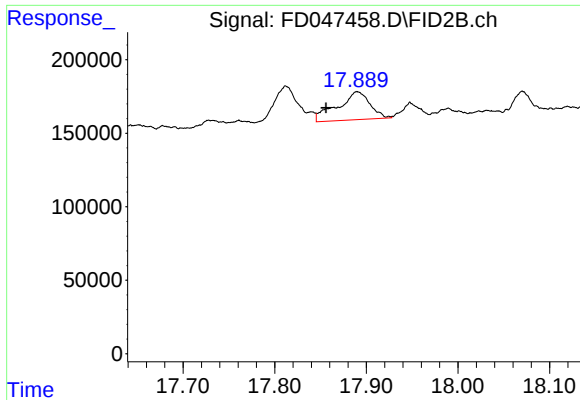
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: 0.002 min
Response: 264631
Conc: 1.92 ug/ml



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

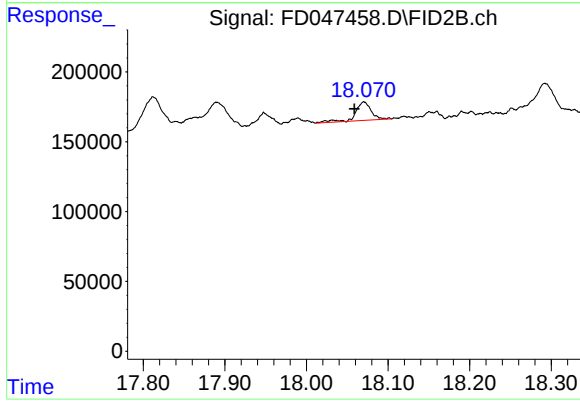
R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 486490
Conc: 3.89 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.035 min
Response: 466189
Conc: 3.54 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.070 min
Delta R.T.: 0.012 min
Response: 175903
Conc: 1.31 ug/ml