

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047321.D
 Signal(s) : FID2B.ch
 Acq On : 26 Feb 2024 22:04
 Operator : YP/AJ
 Sample : P1538-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 03:07:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

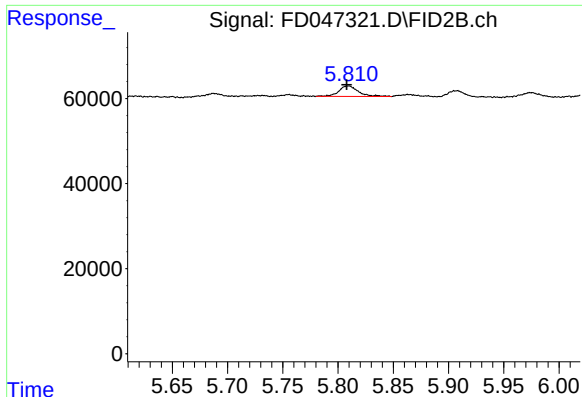
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.464	7113047	46.722 ug/ml
Spiked Amount 50.000		Recovery =	93.44%
6) S 2-Fluorobiphenyl (SURR)	8.316	4116867	40.729 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.46%
11) S ortho-Terphenyl (SURR)	11.355	6897139	39.106 ug/ml
Spiked Amount 50.000		Recovery =	78.21%
Target Compounds			
2) T Naphthalene (C11.7)	5.809	30329	0.182 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	62718	0.372 ug/ml
5) T Acenaphthylene (C15.06)	8.123	36745	0.239 ug/ml
7) T Acenaphthene (C15.5)	8.374	33031	0.200 ug/ml
8) T Flouorene (C16.55)	9.205	43690	0.276 ug/ml
9) T Phenanthrene (C19.36)	10.584	44601	0.287 ug/ml
12) T Fluoranthene (C21.85)	12.384	109873	0.710 ug/ml
13) T Pyrene (C20.8)	12.677	100614	0.669 ug/ml
14) T Benzo[a]anthracene (C...	14.544	45247	0.337 ug/ml
15) T Chrysene (C27.41)	14.584	73716	0.503 ug/ml
16) T benzo[b]fluoranthene ...	16.087	62516	0.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	33486	0.241 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	20621	0.152 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	255780	2.026 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	255780	1.920 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	37995	0.287 ug/ml

(f)=RT Delta > 1/2 Window

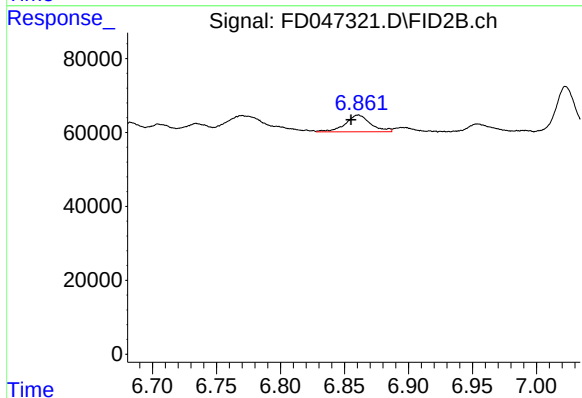
(m)=manual int.



#2 Naphthalene (C11.7)

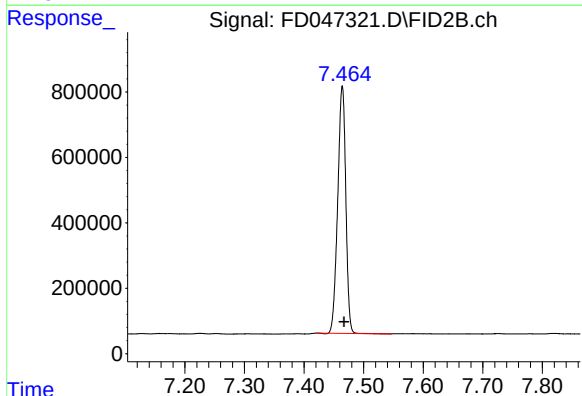
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 30329
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



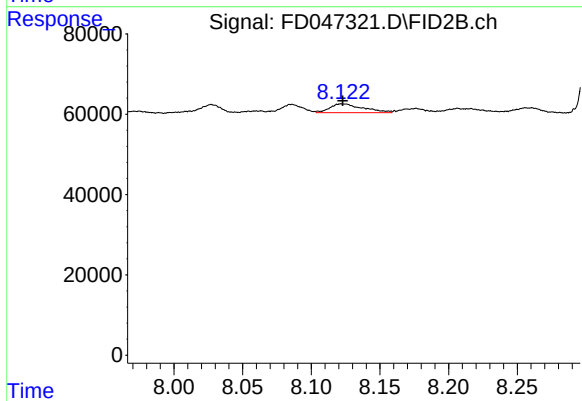
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: 0.006 min
Response: 62718
Conc: 0.37 ug/ml



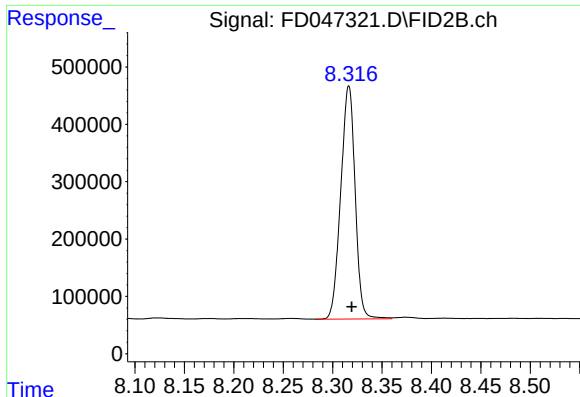
#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 7113047
Conc: 46.72 ug/ml



#5 Acenaphthylene (C15.06)

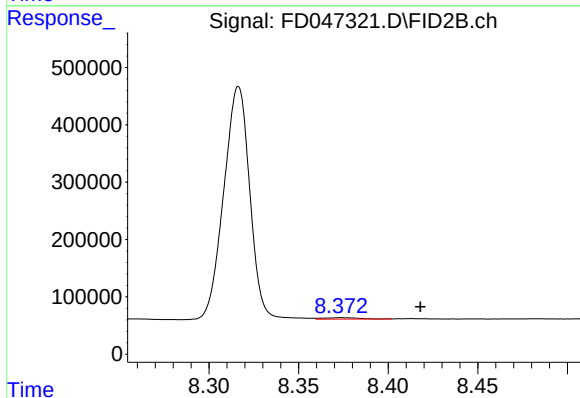
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 36745
Conc: 0.24 ug/ml



#6 2-Fluorobiphenyl (SURR)

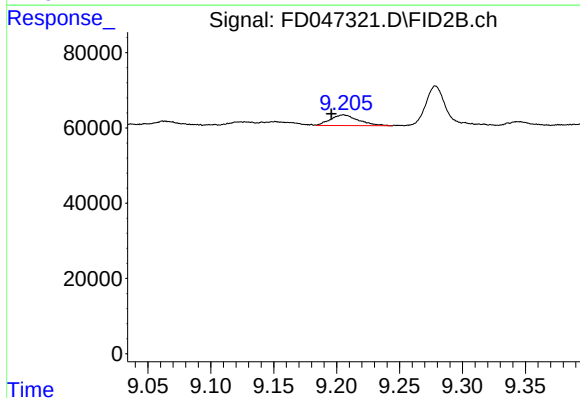
R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 4116867
Conc: 40.73 ug/ml

Instrument :
FID_D
ClientSampleId :



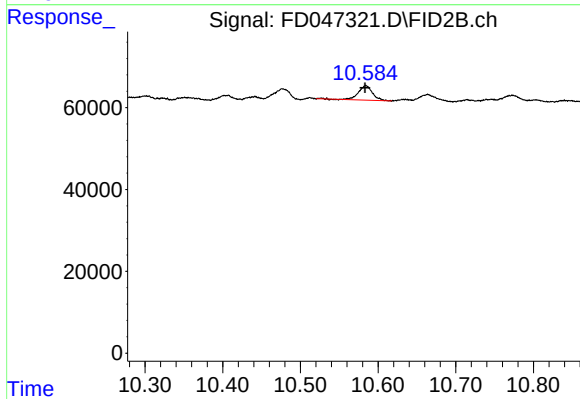
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.044 min
Response: 33031
Conc: 0.20 ug/ml



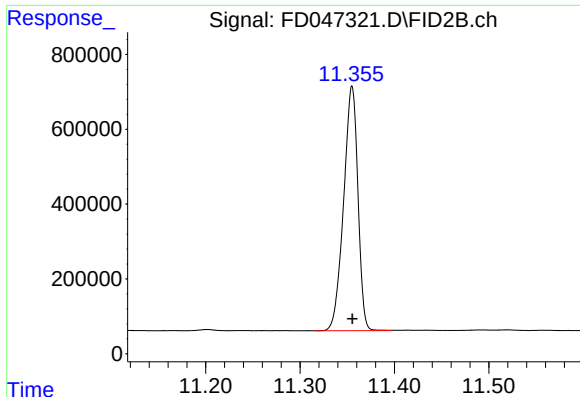
#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: 0.010 min
Response: 43690
Conc: 0.28 ug/ml



#9 Phenanthrene (C19.36)

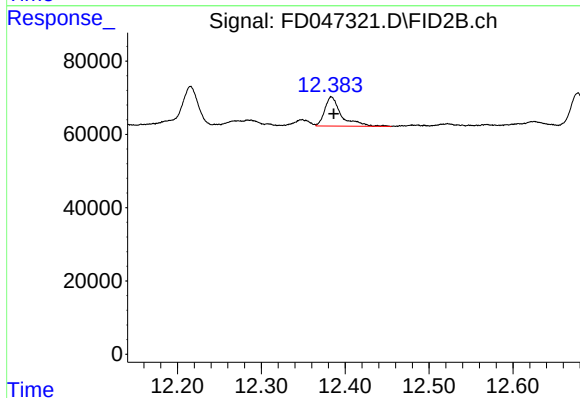
R.T.: 10.584 min
Delta R.T.: 0.001 min
Response: 44601
Conc: 0.29 ug/ml



#11 ortho-Terphenyl (SURR)

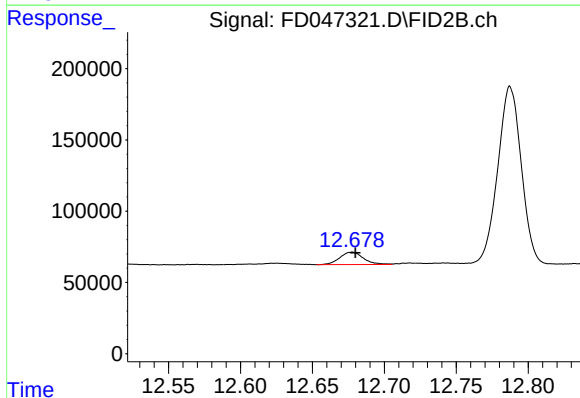
R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 6897139
Conc: 39.11 ug/ml

Instrument :
FID_D
ClientSampleId :



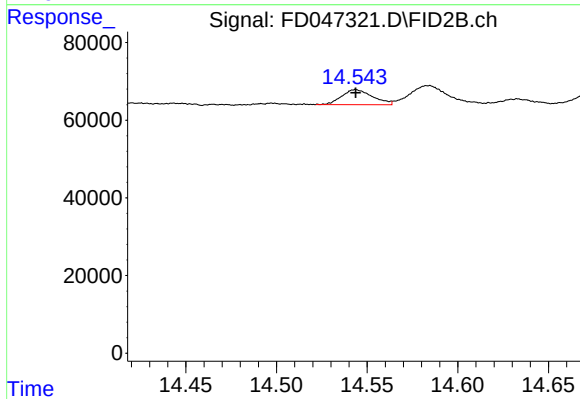
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 109873
Conc: 0.71 ug/ml



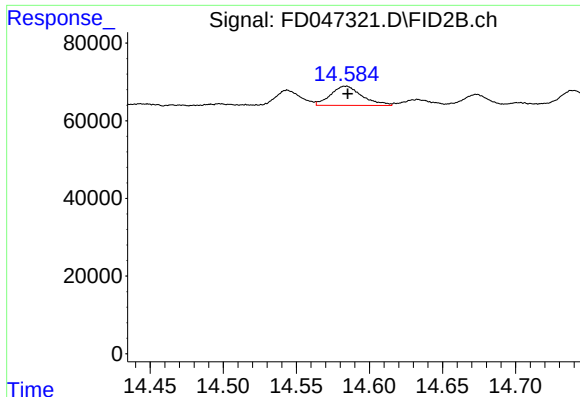
#13 Pyrene (C20.8)

R.T.: 12.677 min
Delta R.T.: -0.002 min
Response: 100614
Conc: 0.67 ug/ml



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

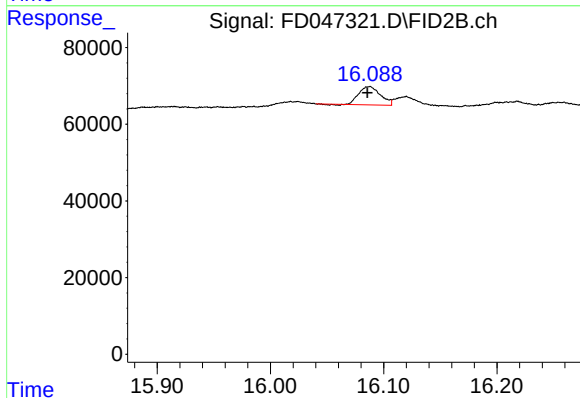
R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 45247
Conc: 0.34 ug/ml



#15 Chrysene (C27.41)

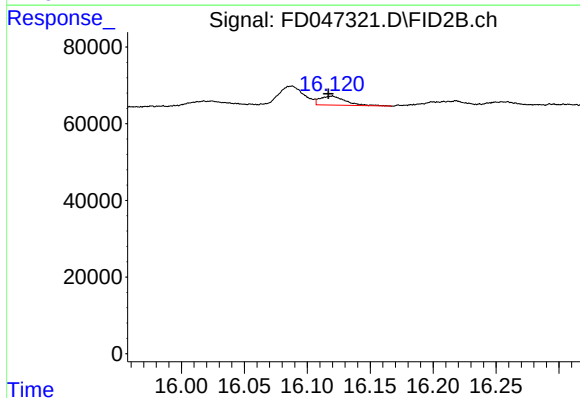
R.T.: 14.584 min
Delta R.T.: -0.001 min
Response: 73716
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



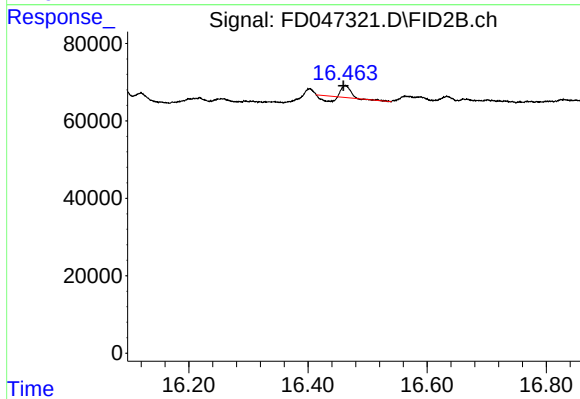
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.002 min
Response: 62516
Conc: 0.45 ug/ml



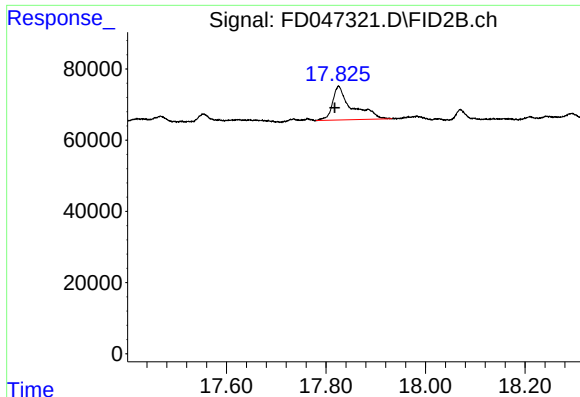
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.002 min
Response: 33486
Conc: 0.24 ug/ml



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

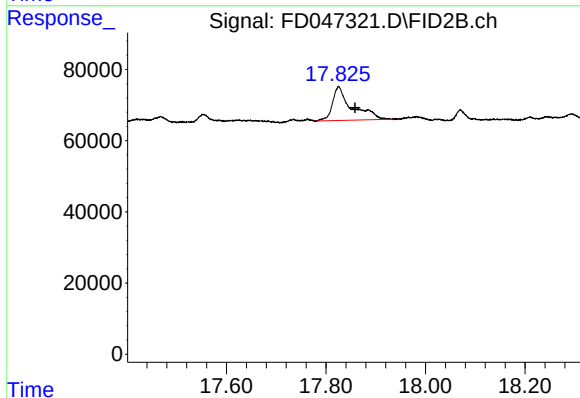
R.T.: 16.463 min
Delta R.T.: 0.003 min
Response: 20621
Conc: 0.15 ug/ml



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

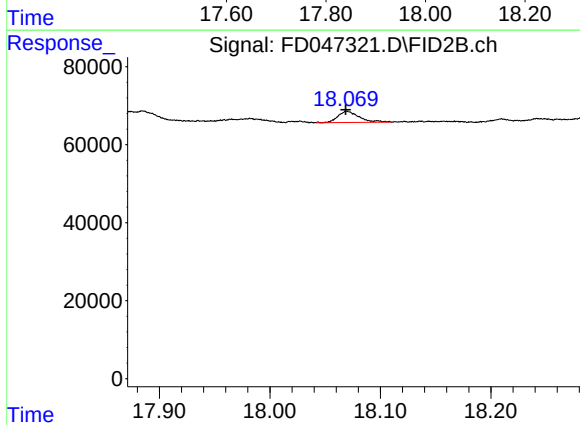
R.T.: 17.825 min
Delta R.T.: 0.008 min
Response: 255780
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.825 min
Delta R.T.: -0.033 min
Response: 255780
Conc: 1.92 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 37995
Conc: 0.29 ug/ml