

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047714.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 09:29
 Operator : YP/AJ
 Sample : P2430-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 13 02:05:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	9032349	57.594 ug/ml
Spiked Amount 50.000		Recovery =	115.19%
6) S 2-Fluorobiphenyl (SURR)	8.316	5746092	54.933 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.87%
11) S ortho-Terphenyl (SURR)	11.356	6748494	35.986 ug/ml
Spiked Amount 50.000		Recovery =	71.97%
Target Compounds			
9) T Phenanthrene (C19.36)	10.580	883258	5.395 ug/ml
10) T Anthracene (C19.43)	10.656	191352	1.278 ug/ml
12) T Fluoranthene (C21.85)	12.386	1685663	10.159 ug/ml
13) T Pyrene (C20.8)	12.680	1328636	8.166 ug/ml
14) T Benzo[a]anthracene (C...	14.549	681333	4.668 ug/ml
15) T Chrysene (C27.41)	14.589	768901	4.879 ug/ml
16) T benzo[b]fluoranthene ...	16.099	909732	6.091 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	312860	2.078 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	607801	4.212 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	549455	4.048 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	549455	3.838 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	360128	2.623 ug/ml

(f)=RT Delta > 1/2 Window

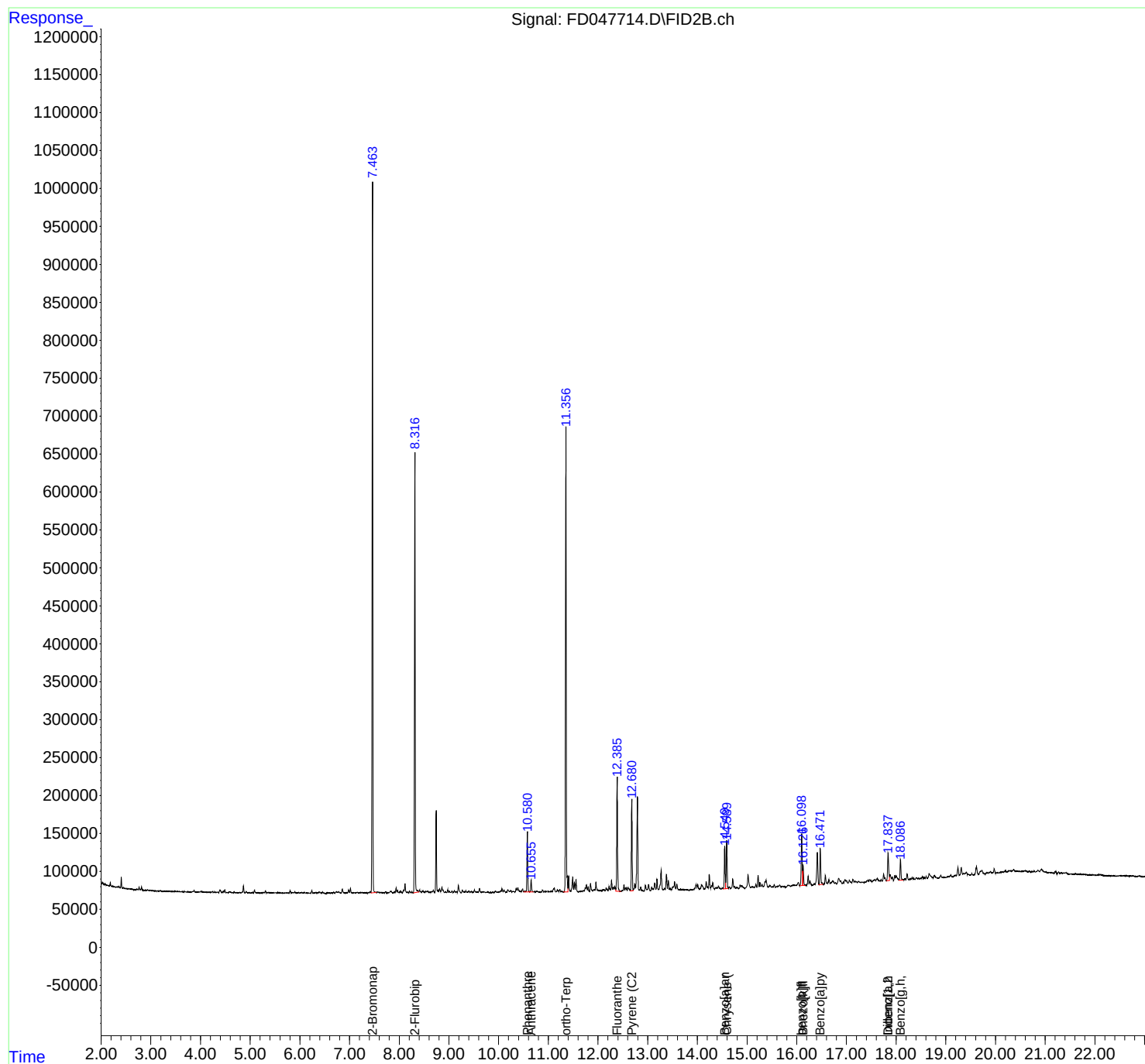
(m)=manual int.

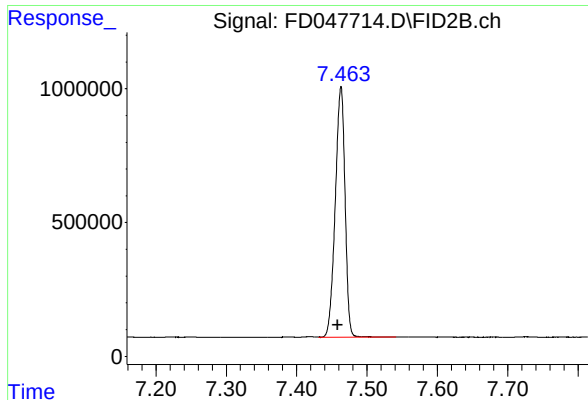
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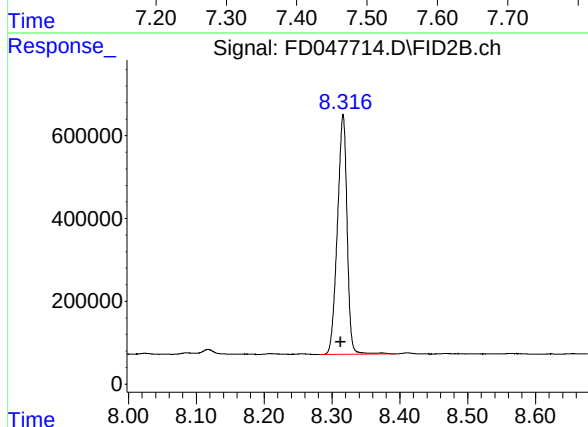




#4 2-Bromonaphthalene (SURRE)

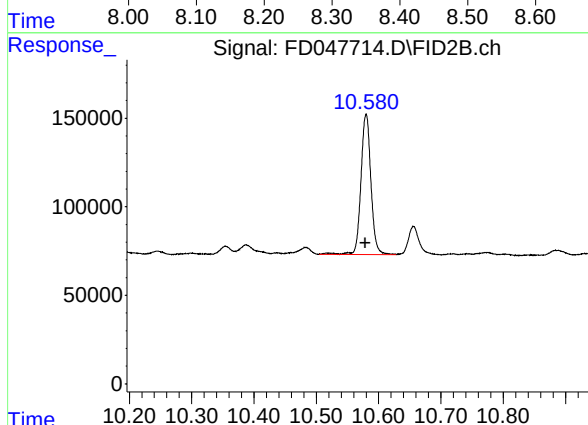
R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 9032349
Conc: 57.59 ug/ml

Instrument :
FID_D
ClientSampleId :



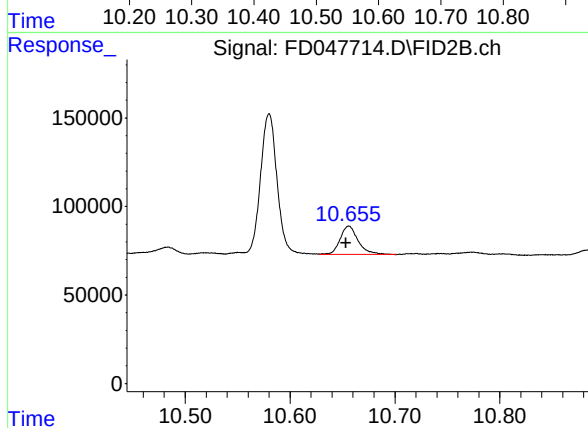
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 5746092
Conc: 54.93 ug/ml



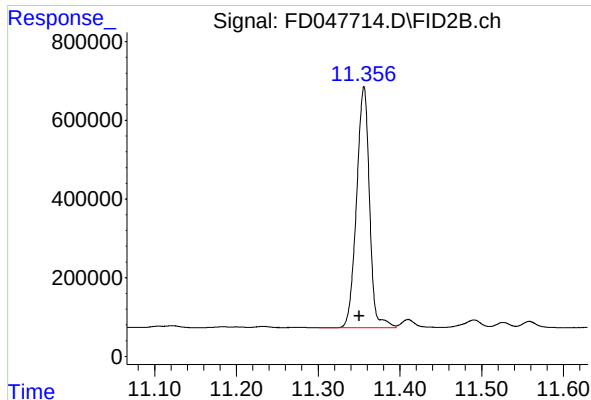
#9 Phenanthrene (C19.36)

R.T.: 10.580 min
Delta R.T.: 0.002 min
Response: 883258
Conc: 5.40 ug/ml



#10 Anthracene (C19.43)

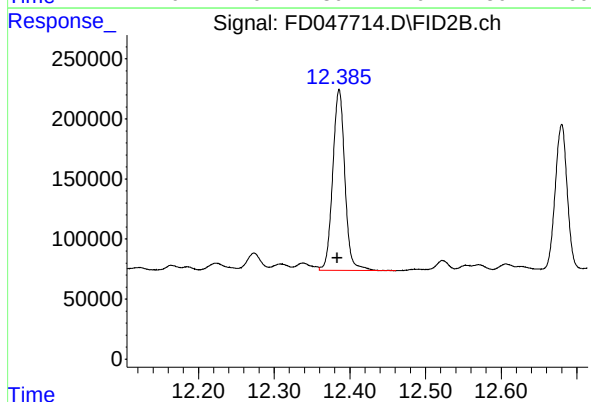
R.T.: 10.656 min
Delta R.T.: 0.003 min
Response: 191352
Conc: 1.28 ug/ml



#11 ortho-Terphenyl (SURR)

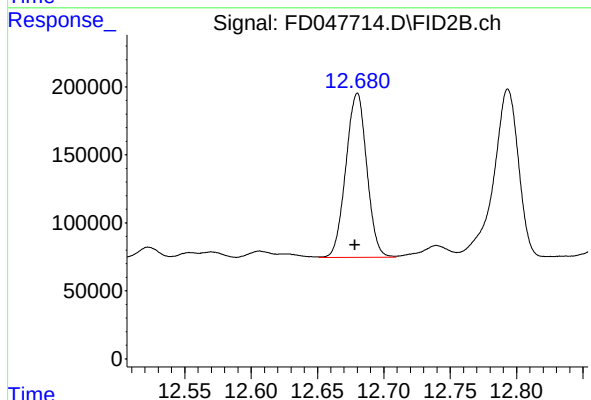
R.T.: 11.356 min
Delta R.T.: 0.005 min
Response: 6748494
Conc: 35.99 ug/ml

Instrument :
FID_D
ClientSampleId :



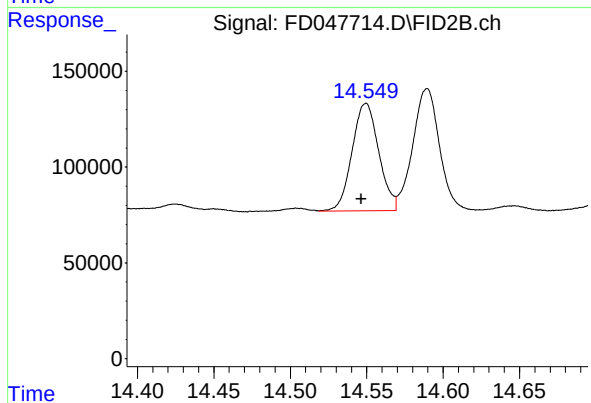
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.002 min
Response: 1685663
Conc: 10.16 ug/ml



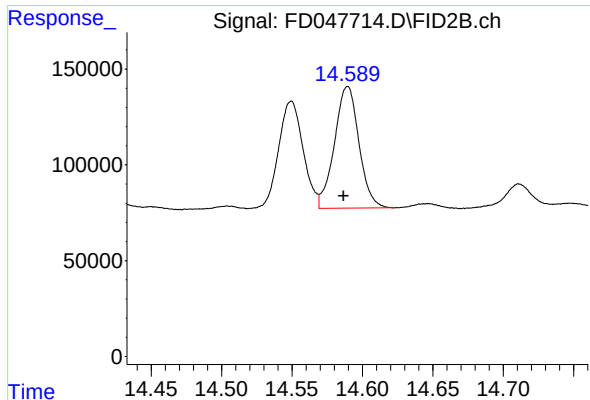
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.002 min
Response: 1328636
Conc: 8.17 ug/ml



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

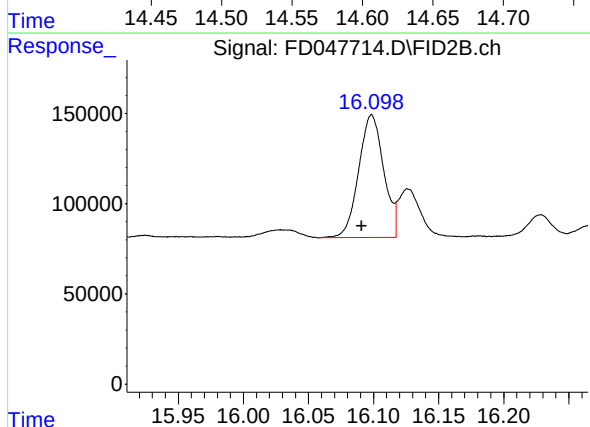
R.T.: 14.549 min
Delta R.T.: 0.003 min
Response: 681333
Conc: 4.67 ug/ml



#15 Chrysene (C27.41)

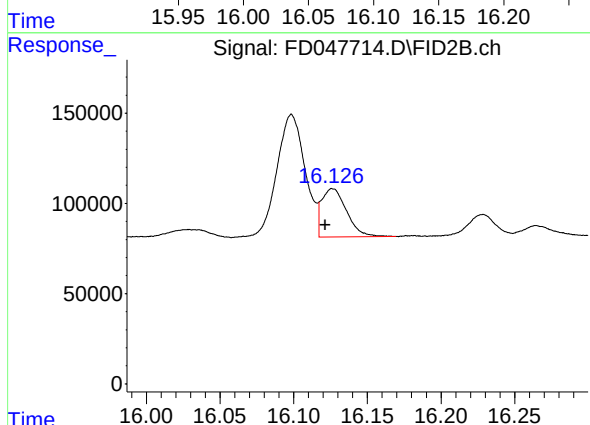
R.T.: 14.589 min
Delta R.T.: 0.003 min
Response: 768901
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :



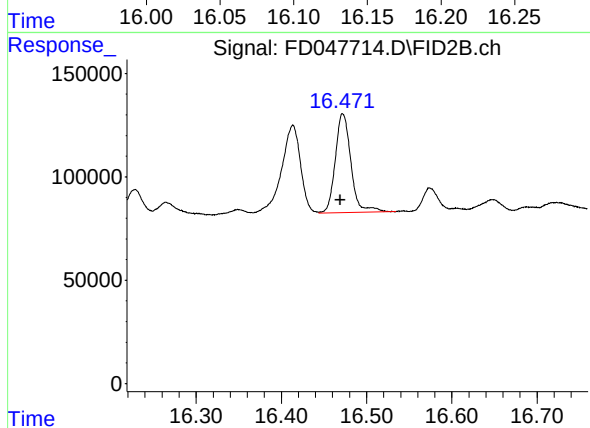
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: 0.008 min
Response: 909732
Conc: 6.09 ug/ml



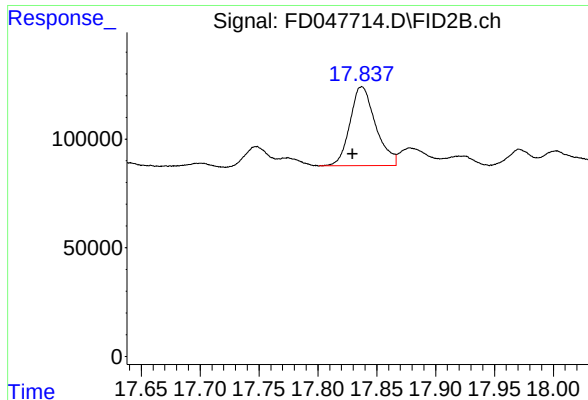
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.126 min
Delta R.T.: 0.005 min
Response: 312860
Conc: 2.08 ug/ml



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

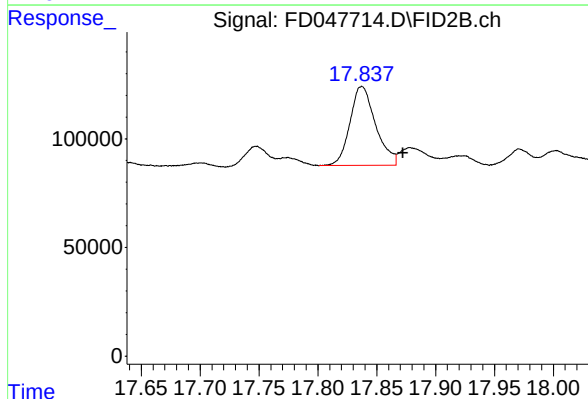
R.T.: 16.472 min
Delta R.T.: 0.003 min
Response: 607801
Conc: 4.21 ug/ml



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

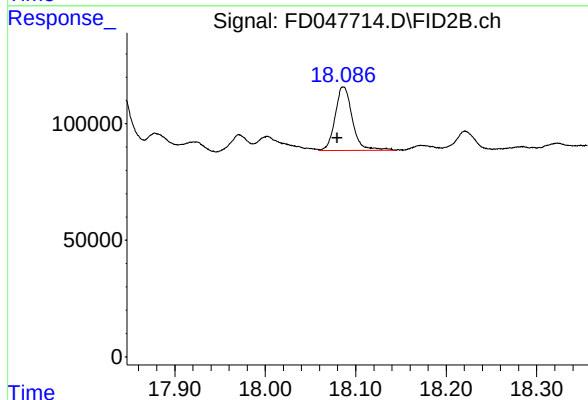
R.T.: 17.837 min
Delta R.T.: 0.008 min
Response: 549455
Conc: 4.05 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.837 min
Delta R.T.: -0.035 min
Response: 549455
Conc: 3.84 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.007 min
Response: 360128
Conc: 2.62 ug/ml