

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047413.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 21:21
 Operator : YP/AJ
 Sample : P1817-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 03:29:38 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...	7.454	6883551	41.677 ug/ml
Spiked Amount 50.000		Recovery =	83.35%
6) S 2-Fluorobiphenyl (SURR)	8.305	4203248	39.503 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.01%
11) S ortho-Terphenyl (SURR)	11.339	5658718	30.322 ug/ml
Spiked Amount 50.000		Recovery =	60.64%
Target Compounds			
9) T Phenanthrene (C19.36)	10.565	1203104	7.429 ug/ml
10) T Anthracene (C19.43)	10.640	275525	1.872 ug/ml
12) T Fluoranthene (C21.85)	12.366	1863194	11.687 ug/ml
13) T Pyrene (C20.8)	12.659	1366122	8.830 ug/ml
14) T Benzo[a]anthracene (C...	14.519	806596	5.950 ug/ml
15) T Chrysene (C27.41)	14.560	795182	5.357 ug/ml
16) T benzo[b]fluoranthene ...	16.090	348498	2.483 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	348498	2.461 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	696313	5.041 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	526463	4.212 ug/ml
20) T Dibenz[a,h]anthracene...	17.791f	526463	3.992 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	404546	3.011 ug/ml

(f)=RT Delta > 1/2 Window

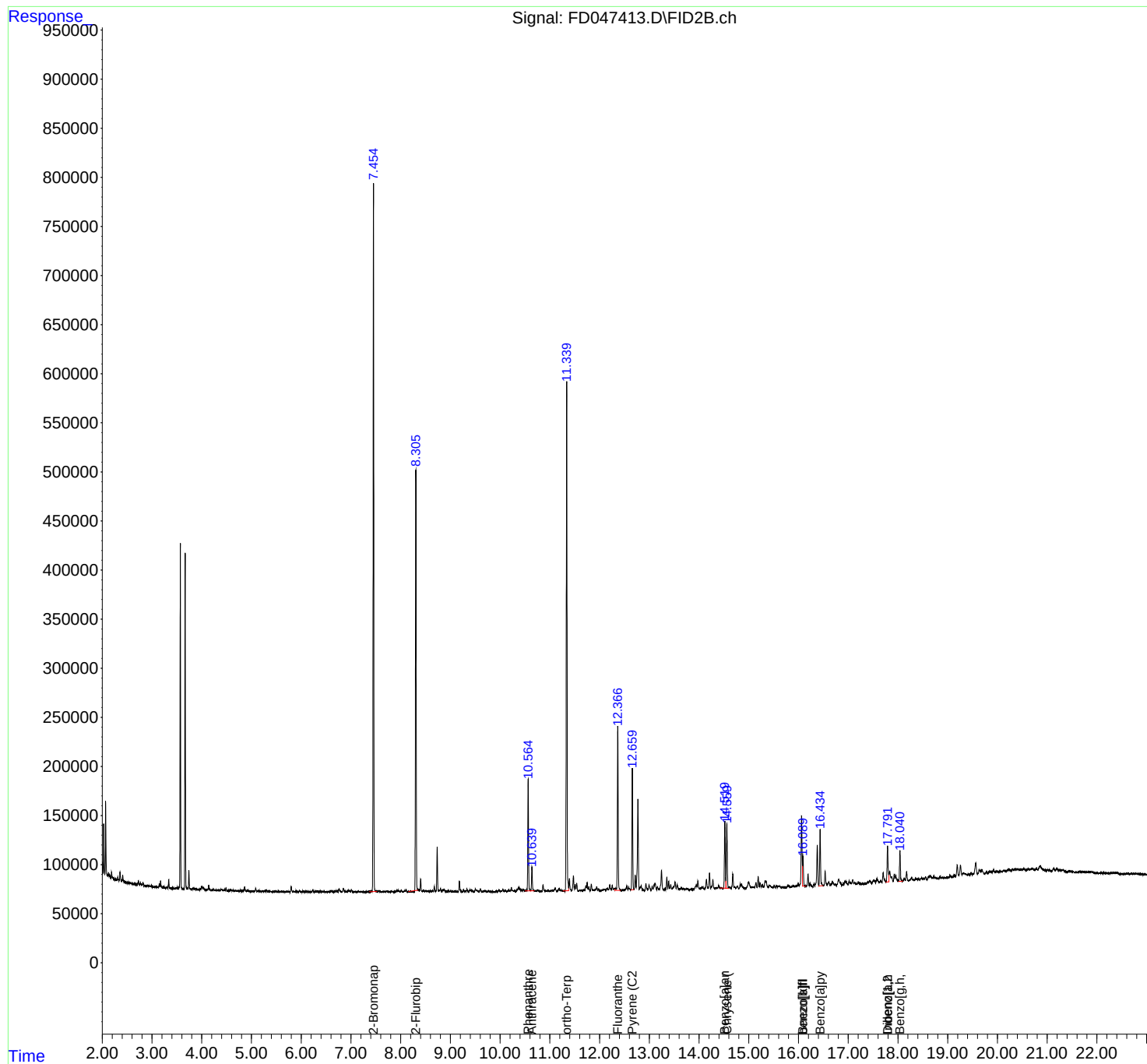
(m)=manual int.

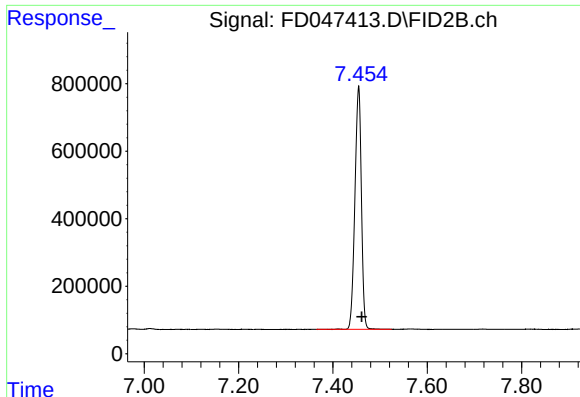
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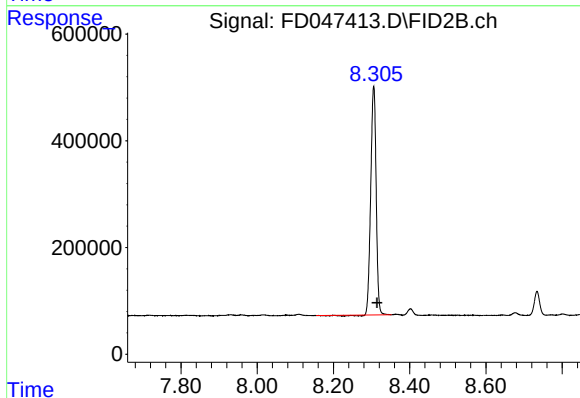




#4 2-Bromonaphthalene (SURRE)

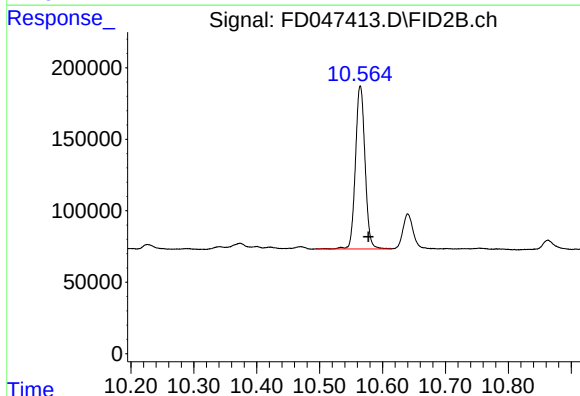
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 6883551
Conc: 41.68 ug/ml

Instrument :
FID_D
ClientSampleId :



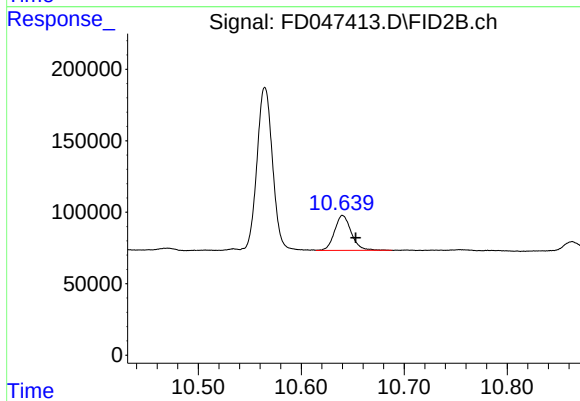
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 4203248
Conc: 39.50 ug/ml



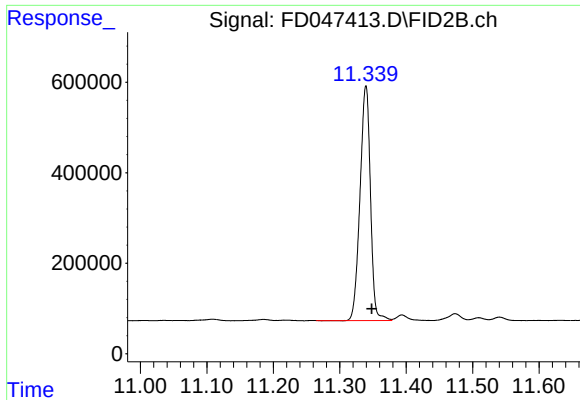
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.013 min
Response: 1203104
Conc: 7.43 ug/ml



#10 Anthracene (C19.43)

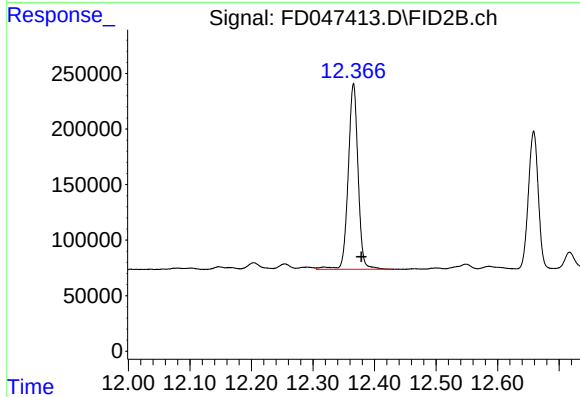
R.T.: 10.640 min
Delta R.T.: -0.012 min
Response: 275525
Conc: 1.87 ug/ml



#11 ortho-Terphenyl (SURR)

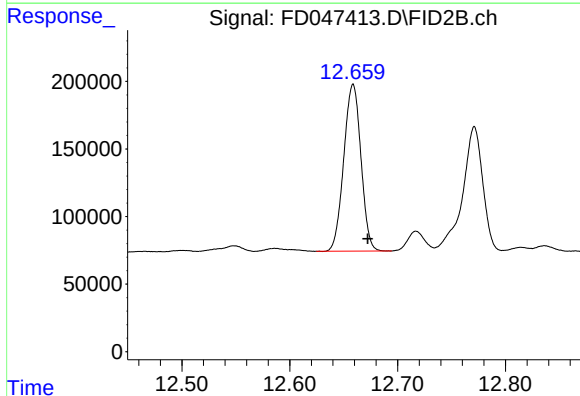
R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 5658718
Conc: 30.32 ug/ml

Instrument :
FID_D
ClientSampleId :



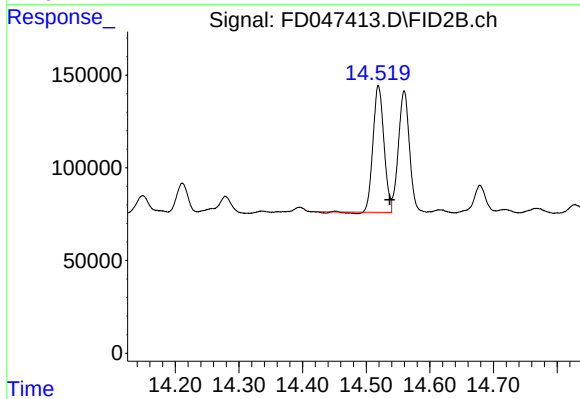
#12 Fluoranthene (C21.85)

R.T.: 12.366 min
Delta R.T.: -0.013 min
Response: 1863194
Conc: 11.69 ug/ml



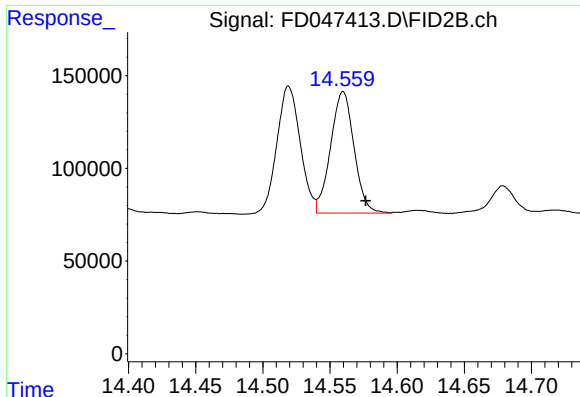
#13 Pyrene (C20.8)

R.T.: 12.659 min
Delta R.T.: -0.014 min
Response: 1366122
Conc: 8.83 ug/ml



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

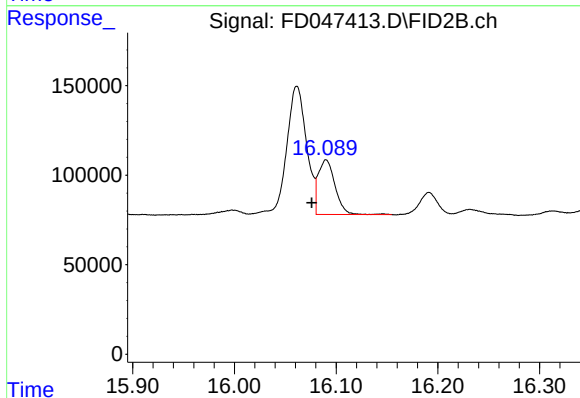
R.T.: 14.519 min
Delta R.T.: -0.018 min
Response: 806596
Conc: 5.95 ug/ml



#15 Chrysene (C27.41)

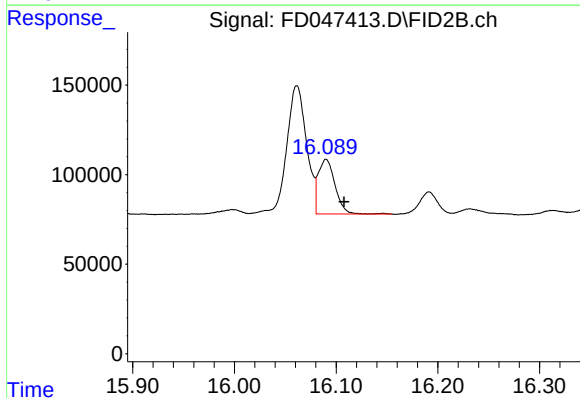
R.T.: 14.560 min
Delta R.T.: -0.017 min
Response: 795182
Conc: 5.36 ug/ml

Instrument :
FID_D
ClientSampleId :



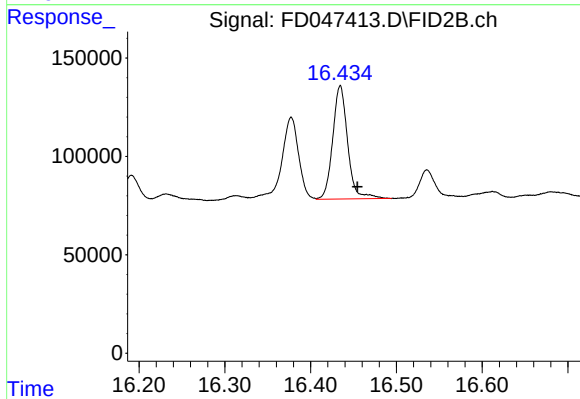
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.090 min
Delta R.T.: 0.014 min
Response: 348498
Conc: 2.48 ug/ml



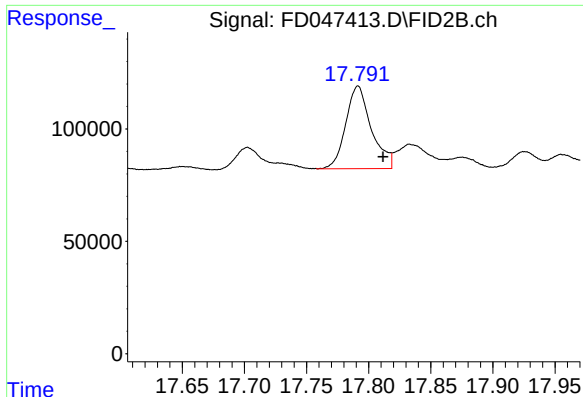
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.090 min
Delta R.T.: -0.018 min
Response: 348498
Conc: 2.46 ug/ml



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

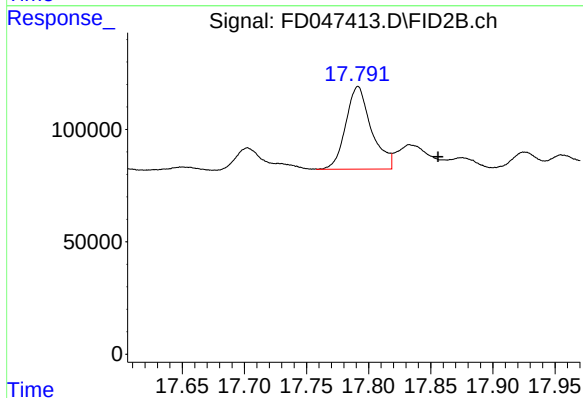
R.T.: 16.435 min
Delta R.T.: -0.020 min
Response: 696313
Conc: 5.04 ug/ml



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

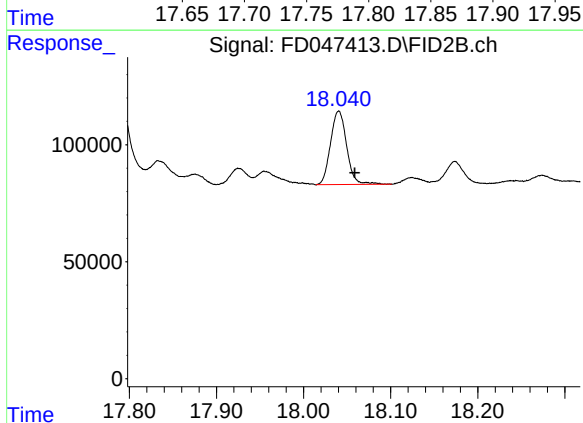
R.T.: 17.791 min
Delta R.T.: -0.020 min
Response: 526463
Conc: 4.21 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.791 min
Delta R.T.: -0.065 min
Response: 526463
Conc: 3.99 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.018 min
Response: 404546
Conc: 3.01 ug/ml