

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072523AR\
 Data File : FD046219.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2023 18:44
 Operator : YP/AJ
 Sample : 03732-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 26 04:16:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.506	7180383	48.036 ug/ml
Spiked Amount 50.000		Recovery =	96.07%
6) S 2-Fluorobiphenyl (SURR)	8.359	2286355	24.424 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.85%
11) S ortho-Terphenyl (SURR)	11.400	8319526	47.638 ug/ml
Spiked Amount 50.000		Recovery =	95.28%
Target Compounds			
9) T Phenanthrene (C19.36)	10.623	240066	1.667 ug/ml
12) T Fluoranthene (C21.85)	12.425	477134	3.415 ug/ml
13) T Pyrene (C20.8)	12.719	372713	2.689 ug/ml
14) T Benzo[a]anthracene (C...	14.582	205567	1.566 ug/ml
15) T Chrysene (C27.41)	14.623	273117	1.937 ug/ml
16) T benzo[b]fluoranthene ...	16.125	308715	2.257 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	131764	0.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	198648	1.526 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.857	268962	2.236 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	129639	1.014 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	164522	1.297 ug/ml

(f)=RT Delta > 1/2 Window

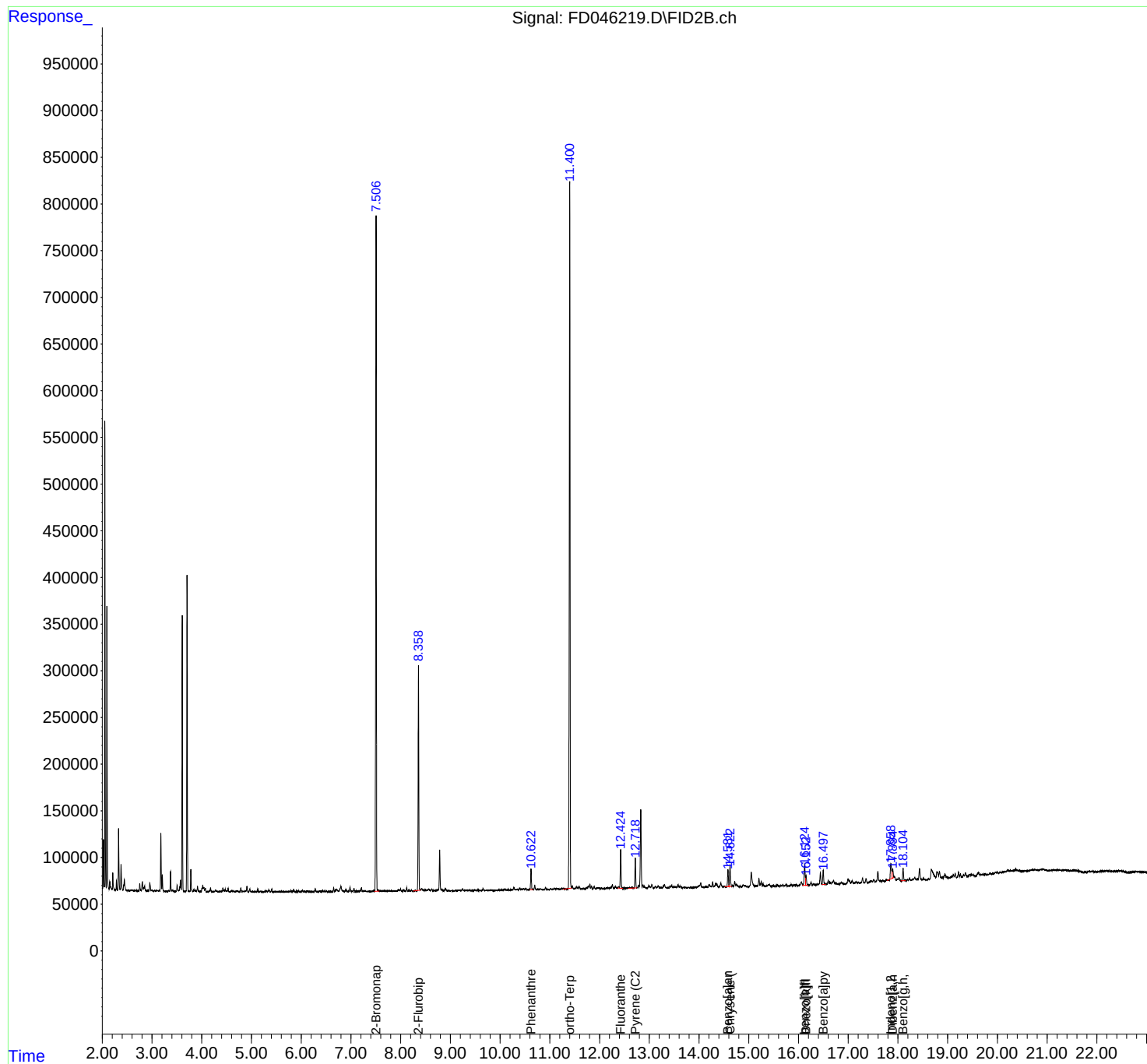
(m)=manual int.

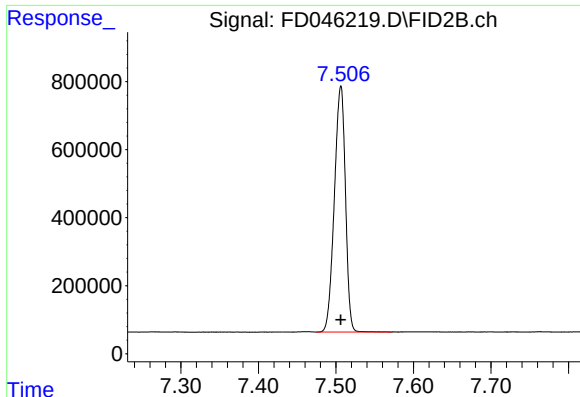
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

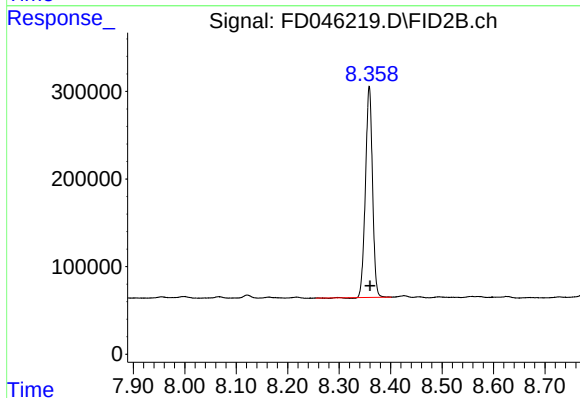




#4 2-Bromonaphthalene (SURRE)

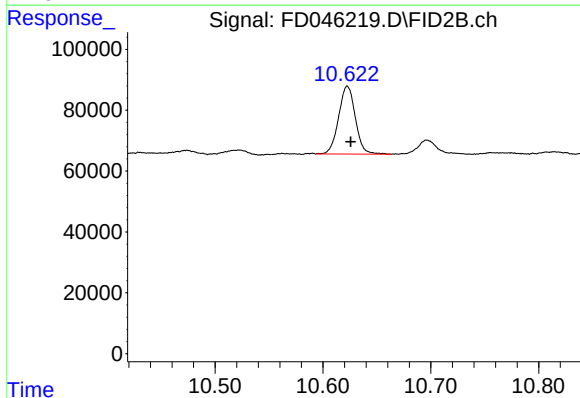
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 7180383
Conc: 48.04 ug/ml

Instrument :
FID_D
ClientSampleId :



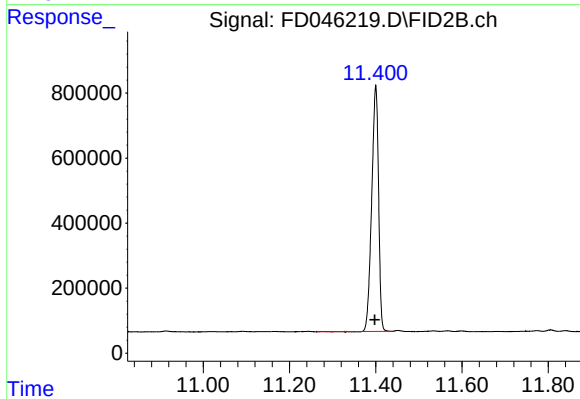
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.359 min
Delta R.T.: -0.002 min
Response: 2286355
Conc: 24.42 ug/ml



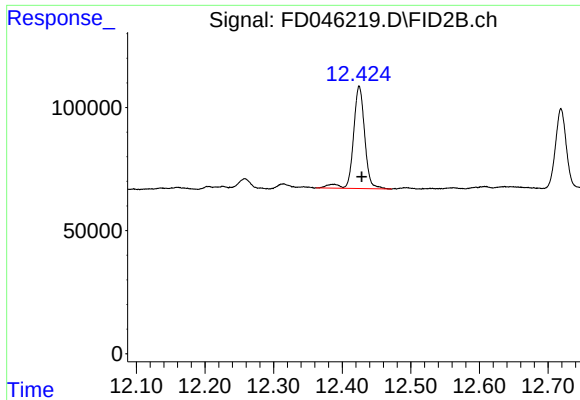
#9 Phenanthrene (C19.36)

R.T.: 10.623 min
Delta R.T.: -0.003 min
Response: 240066
Conc: 1.67 ug/ml



#11 ortho-Terphenyl (SURRE)

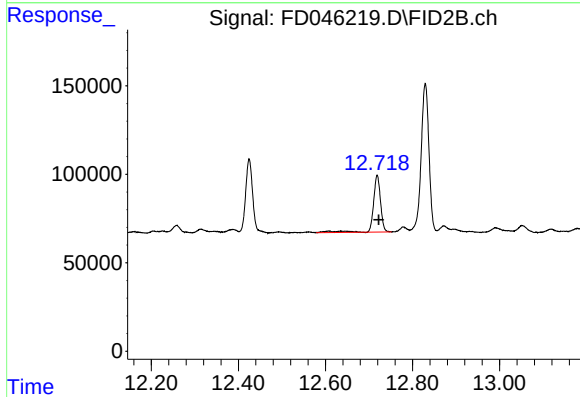
R.T.: 11.400 min
Delta R.T.: 0.002 min
Response: 8319526
Conc: 47.64 ug/ml



#12 Fluoranthene (C21.85)

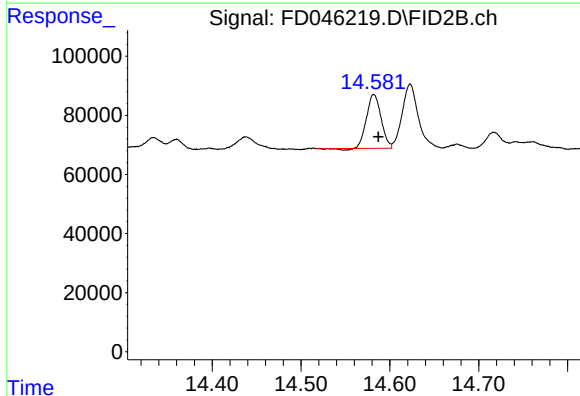
R.T.: 12.425 min
Delta R.T.: -0.004 min
Response: 477134
Conc: 3.41 ug/ml

Instrument :
FID_D
ClientSampleId :



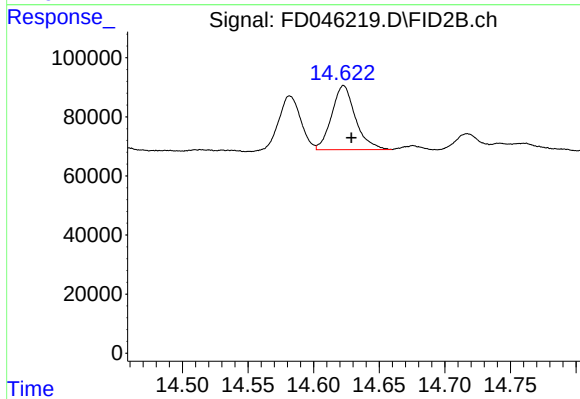
#13 Pyrene (C20.8)

R.T.: 12.719 min
Delta R.T.: -0.004 min
Response: 372713
Conc: 2.69 ug/ml



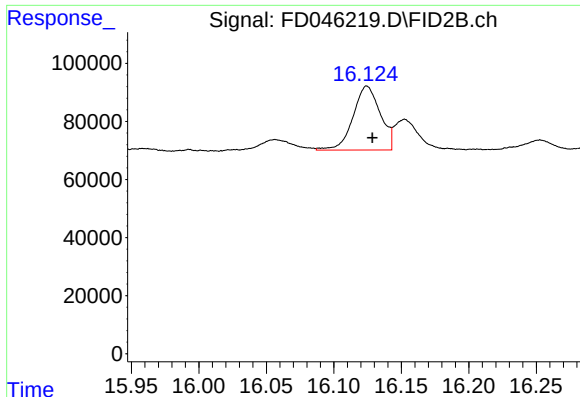
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.005 min
Response: 205567
Conc: 1.57 ug/ml



#15 Chrysene (C27.41)

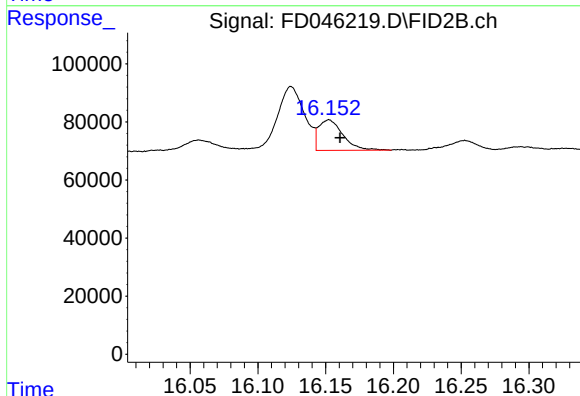
R.T.: 14.623 min
Delta R.T.: -0.006 min
Response: 273117
Conc: 1.94 ug/ml



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

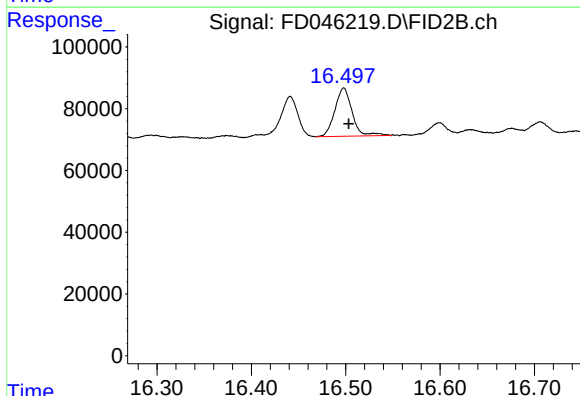
R.T.: 16.125 min
Delta R.T.: -0.004 min
Response: 308715
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :



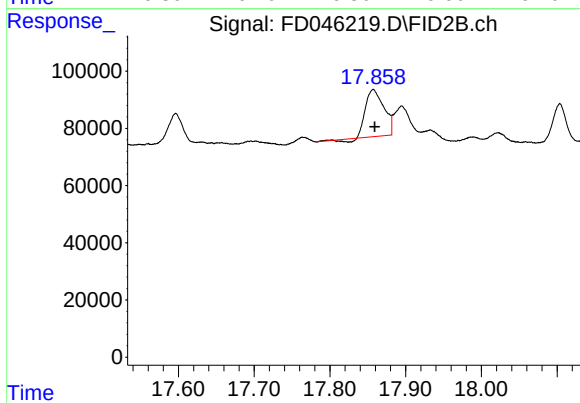
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.152 min
Delta R.T.: -0.008 min
Response: 131764
Conc: 0.96 ug/ml



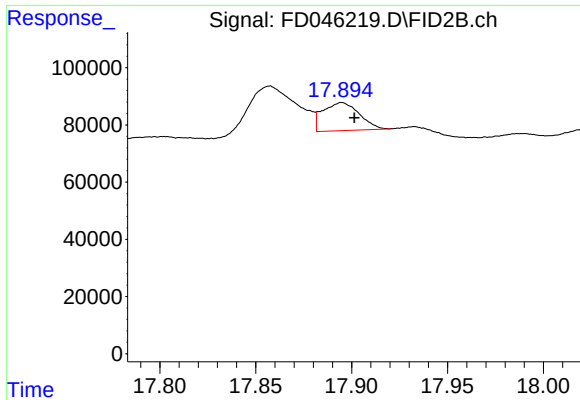
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 198648
Conc: 1.53 ug/ml



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

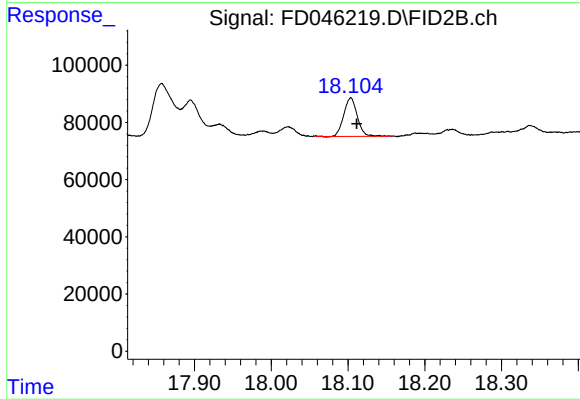
R.T.: 17.857 min
Delta R.T.: -0.002 min
Response: 268962
Conc: 2.24 ug/ml



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

R.T.: 17.895 min
Delta R.T.: -0.007 min
Response: 129639
Conc: 1.01 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.104 min
Delta R.T.: -0.008 min
Response: 164522
Conc: 1.30 ug/ml