

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072222AR\
 Data File : FD043313.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jul 2022 19:46
 Operator : YP/AJ
 Sample : N3786-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 22 22:07:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.620	6203449	40.175 ug/ml
Spiked Amount 50.000		Recovery =	80.35%
6) S 2-Fluorobiphenyl (SURR)	8.483	3960390	37.548 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.10%
11) S ortho-Terphenyl (SURR)	11.529	5690030	31.307 ug/ml
Spiked Amount 50.000		Recovery =	62.61%
Target Compounds			
9) T Phenanthrene (C19.36)	10.760	148055	0.863 ug/ml
12) T Fluoranthene (C21.85)	12.570	318754	1.901 ug/ml
13) T Pyrene (C20.8)	12.962f	940535	5.771 ug/ml
14) T Benzo[a]anthracene (C...	14.782	171332	1.103 ug/ml
15) T Chrysene (C27.41)	14.782	171332	1.086 ug/ml
16) T benzo[b]fluoranthene ...	16.290	309457	2.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.395	146601	1.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.704	211323	1.477 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.081	72086	0.576 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	72086	0.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	79765	0.612 ug/ml

(f)=RT Delta > 1/2 Window

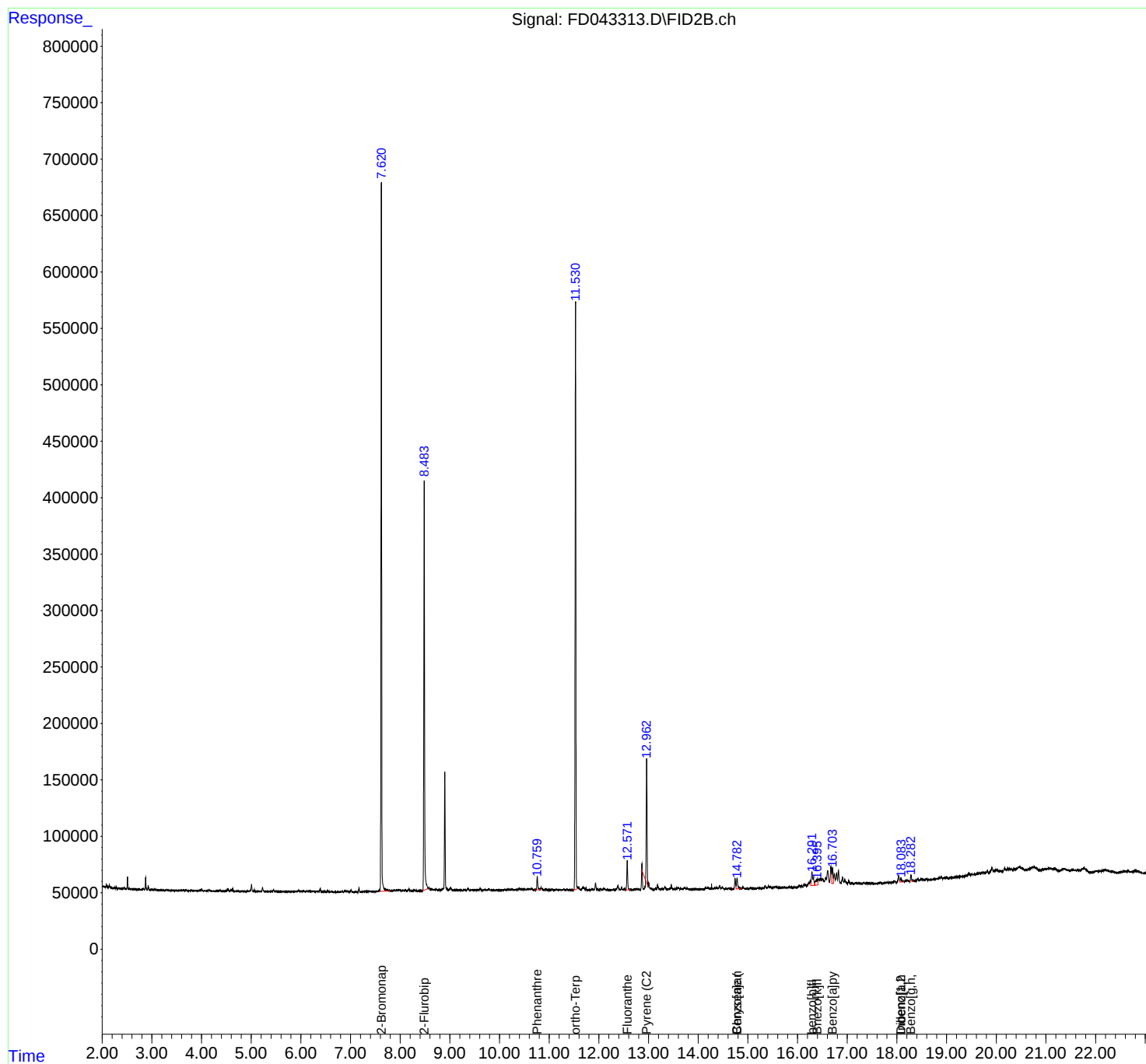
(m)=manual int.

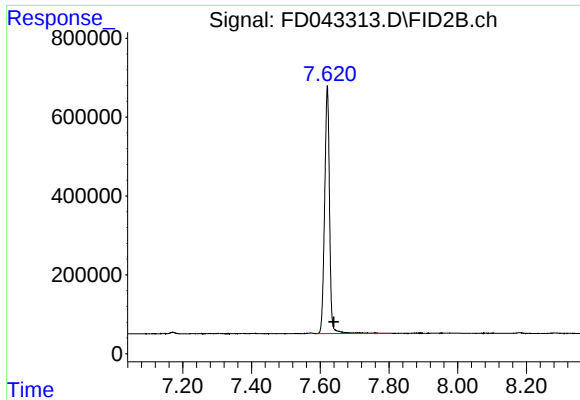
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

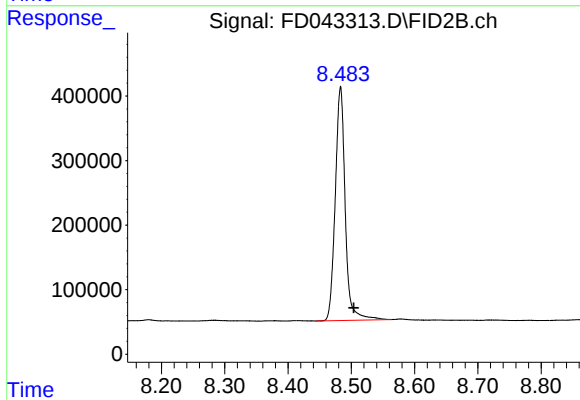




#4 2-Bromonaphthalene (SURRE)

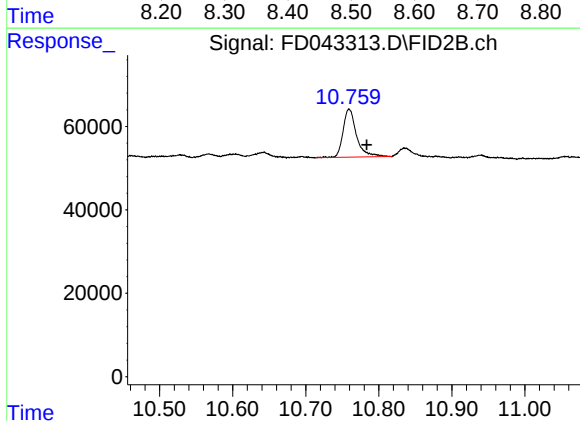
R.T.: 7.620 min
Delta R.T.: -0.019 min
Response: 6203449
Conc: 40.18 ug/ml

Instrument :
FID_D
ClientSampleId :



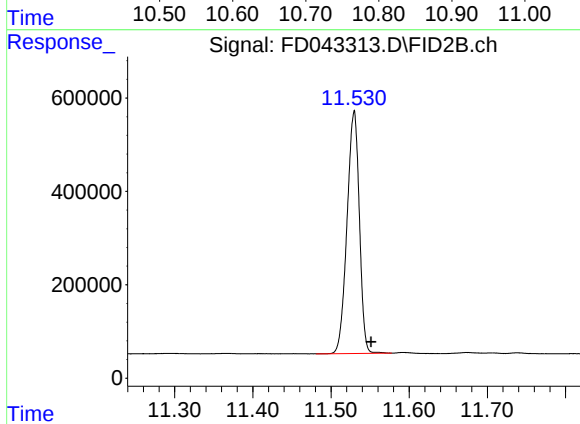
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.483 min
Delta R.T.: -0.021 min
Response: 3960390
Conc: 37.55 ug/ml



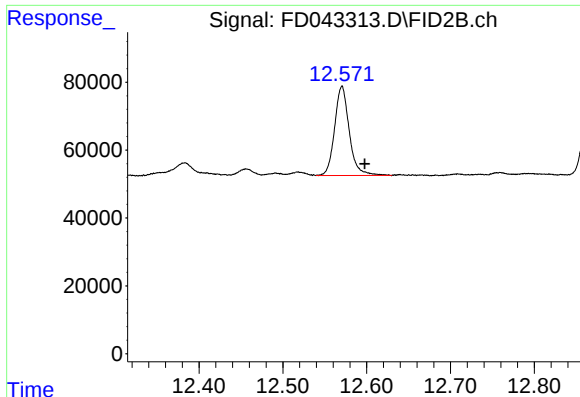
#9 Phenanthrene (C19.36)

R.T.: 10.760 min
Delta R.T.: -0.024 min
Response: 148055
Conc: 0.86 ug/ml



#11 ortho-Terphenyl (SURRE)

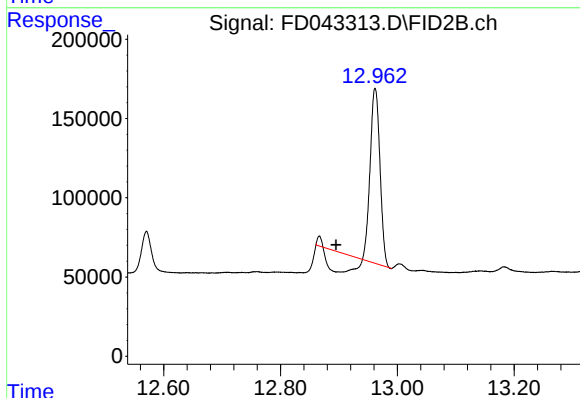
R.T.: 11.529 min
Delta R.T.: -0.022 min
Response: 5690030
Conc: 31.31 ug/ml



#12 Fluoranthene (C21.85)

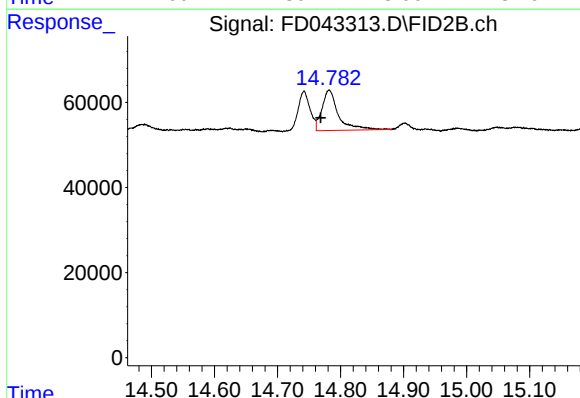
R.T.: 12.570 min
Delta R.T.: -0.027 min
Response: 318754
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :



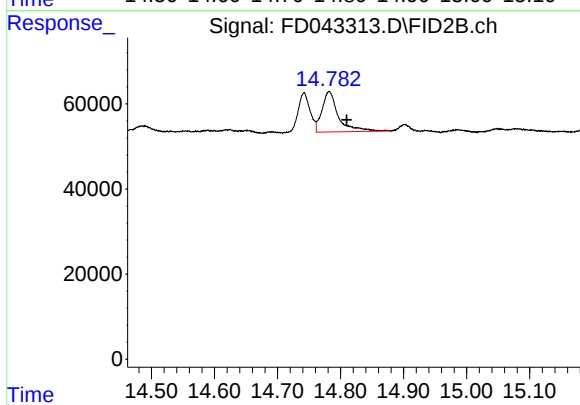
#13 Pyrene (C20.8)

R.T.: 12.962 min
Delta R.T.: 0.067 min
Response: 940535
Conc: 5.77 ug/ml



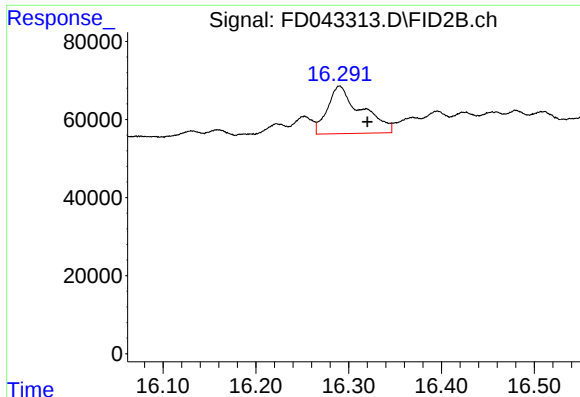
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.782 min
Delta R.T.: 0.013 min
Response: 171332
Conc: 1.10 ug/ml



#15 Chrysene (C27.41)

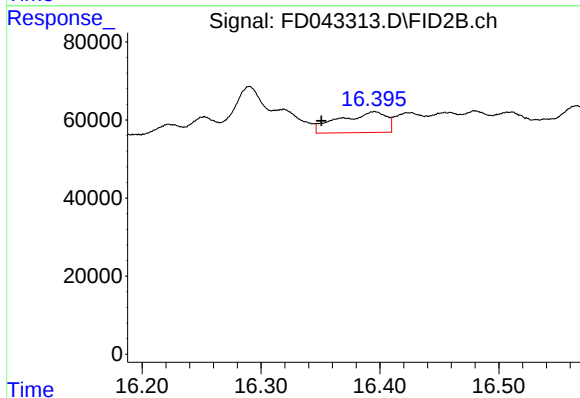
R.T.: 14.782 min
Delta R.T.: -0.028 min
Response: 171332
Conc: 1.09 ug/ml



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

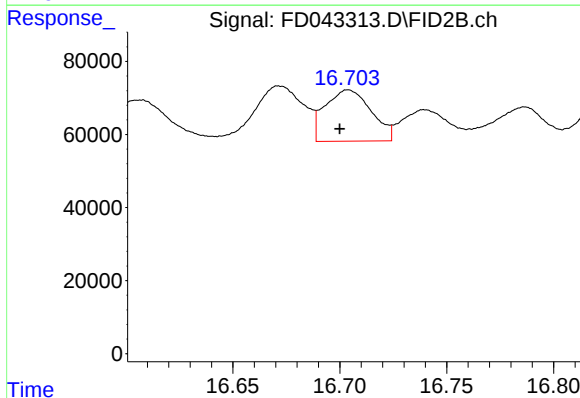
R.T.: 16.290 min
Delta R.T.: -0.030 min
Response: 309457
Conc: 2.03 ug/ml

Instrument :
FID_D
ClientSampleId :



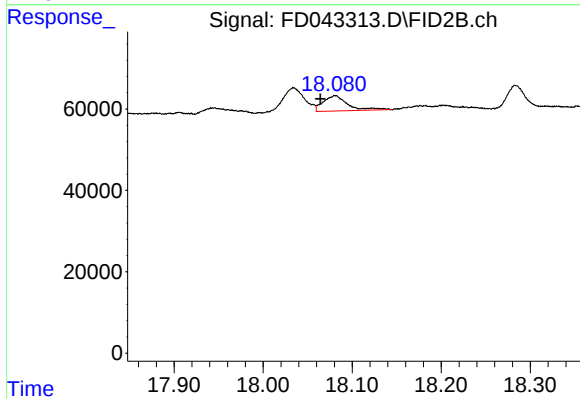
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.395 min
Delta R.T.: 0.045 min
Response: 146601
Conc: 1.00 ug/ml



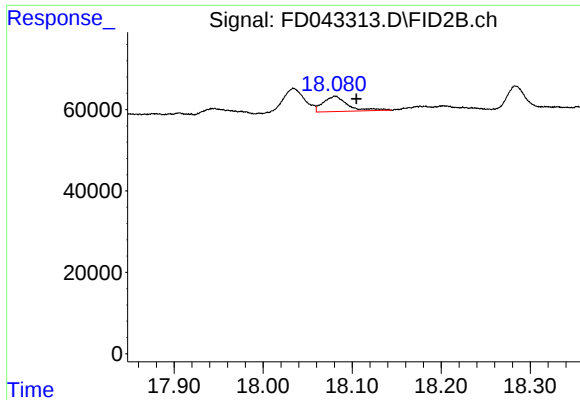
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.704 min
Delta R.T.: 0.004 min
Response: 211323
Conc: 1.48 ug/ml



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

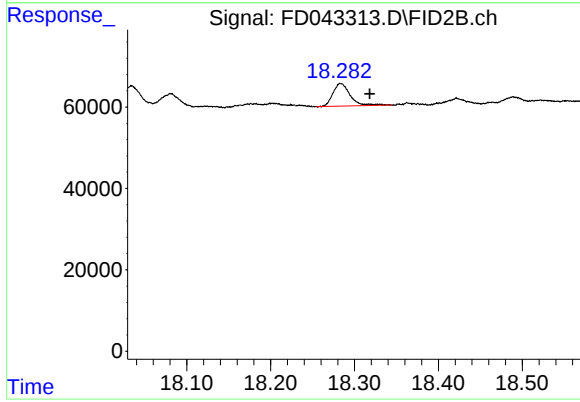
R.T.: 18.081 min
Delta R.T.: 0.017 min
Response: 72086
Conc: 0.58 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.024 min
Response: 72086
Conc: 0.54 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.284 min
Delta R.T.: -0.034 min
Response: 79765
Conc: 0.61 ug/ml