

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044604.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 14:46
 Operator : YP/AJ
 Sample : N5863-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 04:01:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.679	5805308	44.732 ug/ml
Spiked Amount 50.000		Recovery =	89.46%
6) S 2-Fluorobiphenyl (SURR)	8.535	3828061	43.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.69%
11) S ortho-Terphenyl (SURR)	11.564	6054121	37.200 ug/ml
Spiked Amount 50.000		Recovery =	74.40%
Target Compounds			
9) T Phenanthrene (C19.36)	10.794	103011	0.722 ug/ml
12) T Fluoranthene (C21.85)	12.594	136664	0.959 ug/ml
13) T Pyrene (C20.8)	12.889	92521	0.665 ug/ml
14) T Benzo[a]anthracene (C...	14.747	61865	0.478 ug/ml
15) T Chrysene (C27.41)	14.788	73526	0.545 ug/ml
16) T benzo[b]fluoranthene ...	16.288	38268	0.291 ug/ml
17) T Bnezo[k]fluoranthene ...	16.288	38268	0.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.661	52150	0.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	135123	1.060 ug/ml
20) T Dibenz[a,h]anthracene...	18.056	216623	1.722 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	65003	0.505 ug/ml

(f)=RT Delta > 1/2 Window

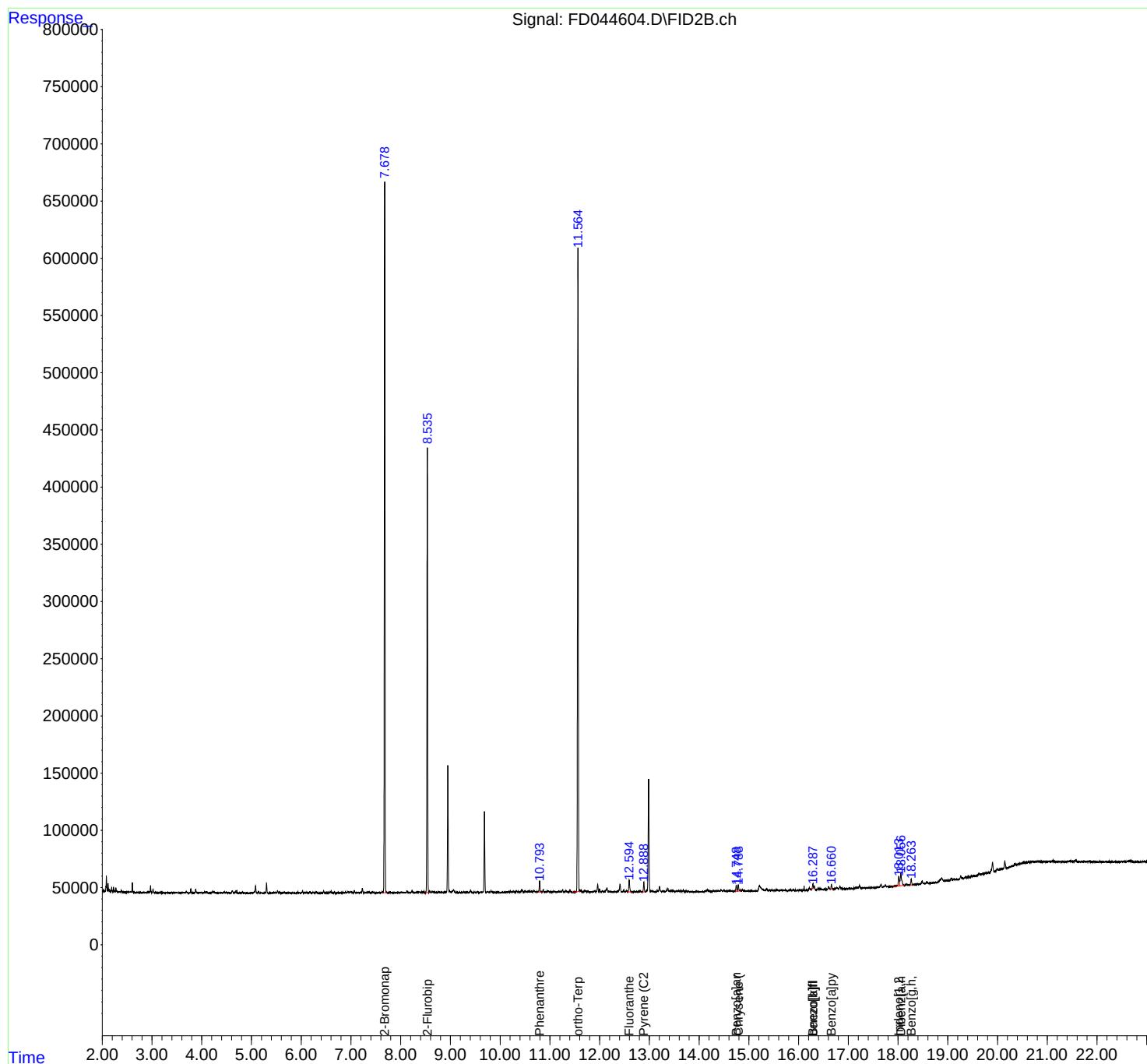
(m)=manual int.

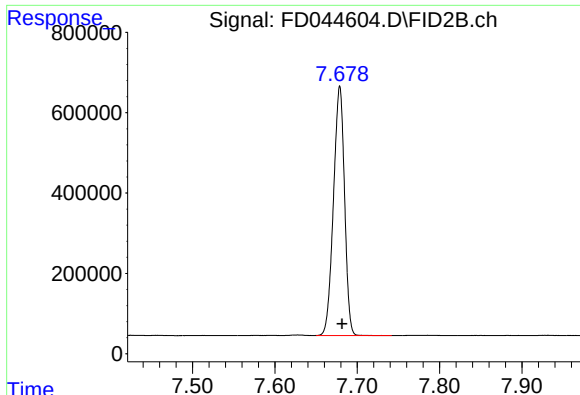
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Signal Info : 20M x 0.18mm x 0.18µm

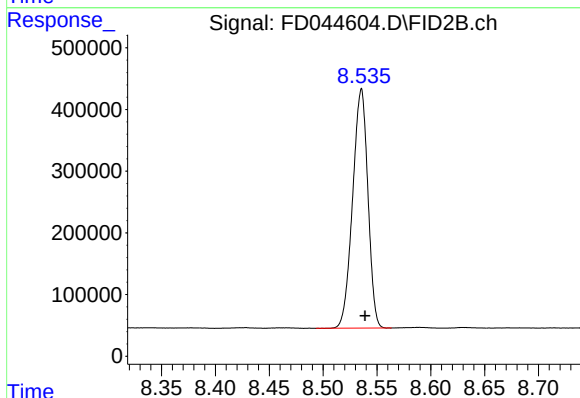




#4 2-Bromonaphthalene (SURRE)

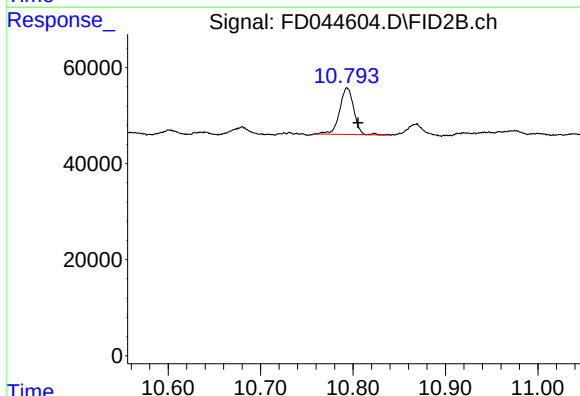
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 5805308
Conc: 44.73 ug/ml

Instrument :
FID_D
ClientSampleId :



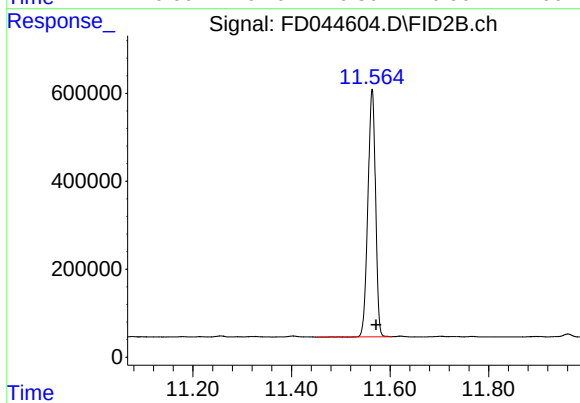
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 3828061
Conc: 43.34 ug/ml



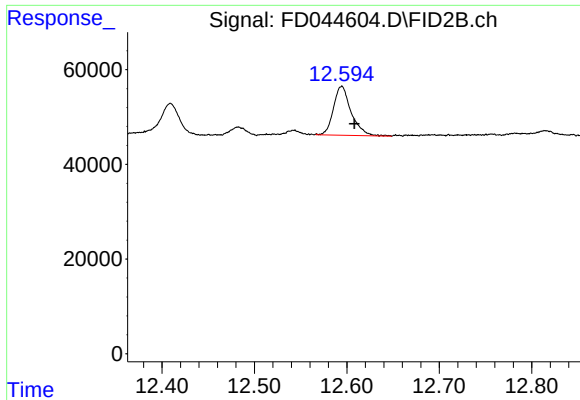
#9 Phenanthrene (C19.36)

R.T.: 10.794 min
Delta R.T.: -0.012 min
Response: 103011
Conc: 0.72 ug/ml



#11 ortho-Terphenyl (SURRE)

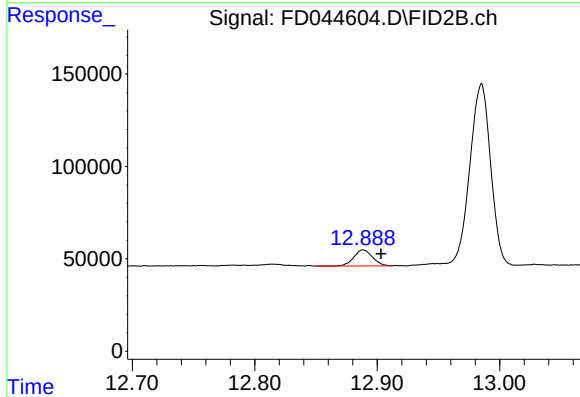
R.T.: 11.564 min
Delta R.T.: -0.008 min
Response: 6054121
Conc: 37.20 ug/ml



#12 Fluoranthene (C21.85)

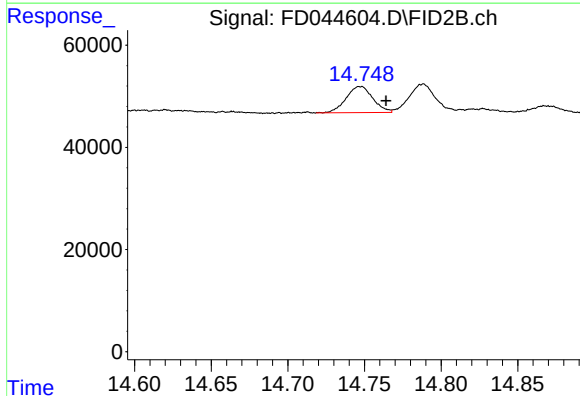
R.T.: 12.594 min
Delta R.T.: -0.014 min
Response: 136664
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



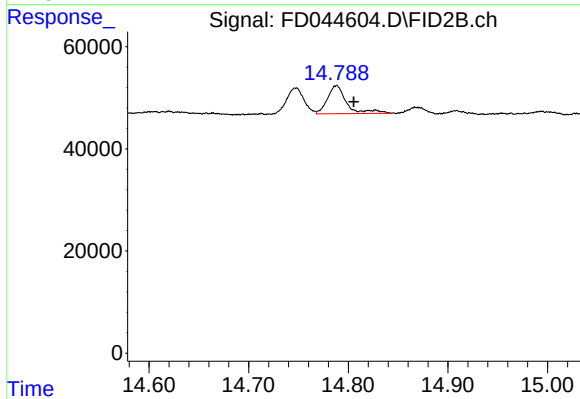
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: -0.015 min
Response: 92521
Conc: 0.66 ug/ml



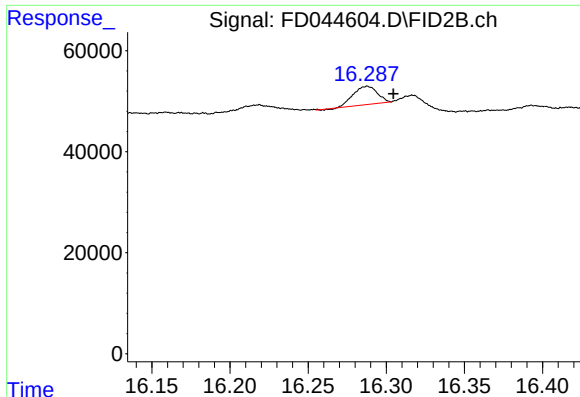
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: -0.017 min
Response: 61865
Conc: 0.48 ug/ml



#15 Chrysene (C27.41)

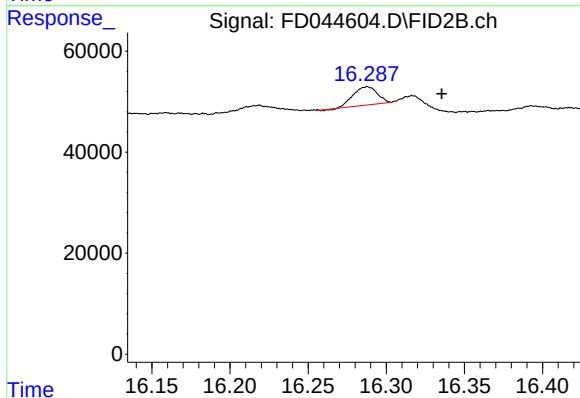
R.T.: 14.788 min
Delta R.T.: -0.018 min
Response: 73526
Conc: 0.55 ug/ml



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

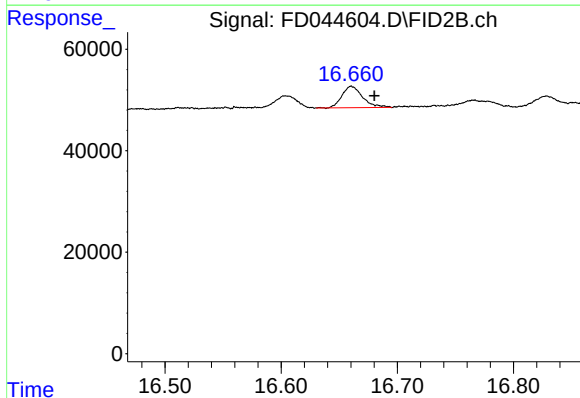
R.T.: 16.288 min
Delta R.T.: -0.017 min
Response: 38268
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



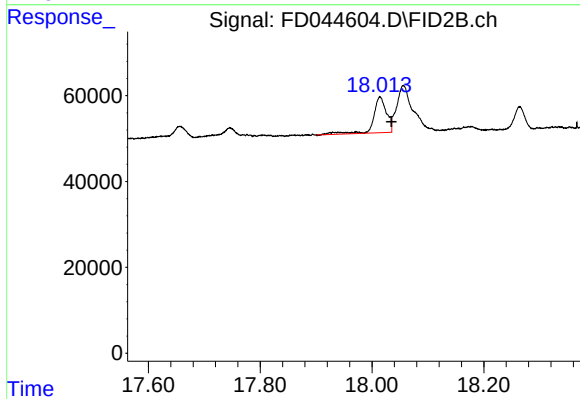
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.288 min
Delta R.T.: -0.048 min
Response: 38268
Conc: 0.29 ug/ml



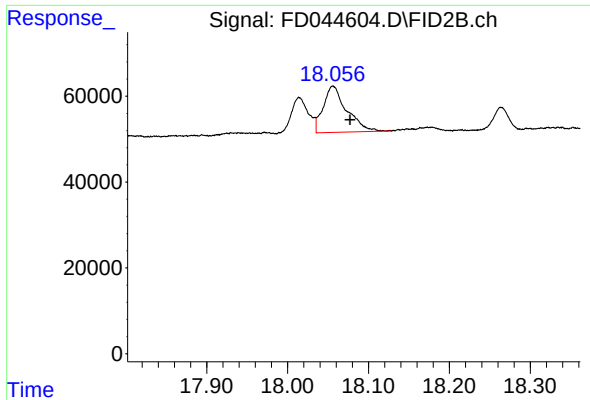
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.661 min
Delta R.T.: -0.019 min
Response: 52150
Conc: 0.40 ug/ml



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

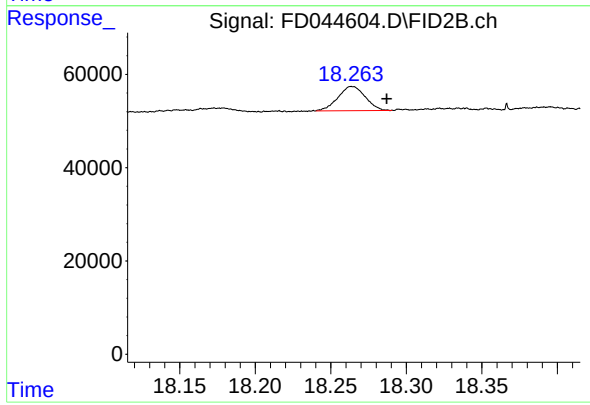
R.T.: 18.014 min
Delta R.T.: -0.021 min
Response: 135123
Conc: 1.06 ug/ml



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

R.T.: 18.056 min
Delta R.T.: -0.021 min
Response: 216623
Conc: 1.72 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.264 min
Delta R.T.: -0.023 min
Response: 65003
Conc: 0.51 ug/ml