

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044613.D
 Signal(s) : FID2B.ch
 Acq On : 07 Dec 2022 11:20
 Operator : YP/AJ
 Sample : N5863-02
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 17:03:39 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	6942109	53.491 ug/ml
Spiked Amount 50.000		Recovery =	106.98%
6) S 2-Fluorobiphenyl (SURR)	8.536	4699884	53.216 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.43%
11) S ortho-Terphenyl (SURR)	11.563	5794906	35.607 ug/ml
Spiked Amount 50.000		Recovery =	71.21%
Target Compounds			
9) T Phenanthrene (C19.36)	10.794	40546	0.284 ug/ml
12) T Fluoranthene (C21.85)	12.602	155539	1.091 ug/ml
13) T Pyrene (C20.8)	12.889	57879	0.416 ug/ml
14) T Benzo[a]anthracene (C...	14.746	75325	0.582 ug/ml
15) T Chrysene (C27.41)	14.787	120843	0.896 ug/ml
16) T benzo[b]fluoranthene ...	16.315	66712	0.507 ug/ml
17) T Bnezo[k]fluoranthene ...	16.315	66712	0.512 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.660	100370	0.777 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	309515	2.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.055	309515	2.460 ug/ml
21) T Benzo[g,h,i]perylene ...	18.265	104692	0.814 ug/ml

(f)=RT Delta > 1/2 Window

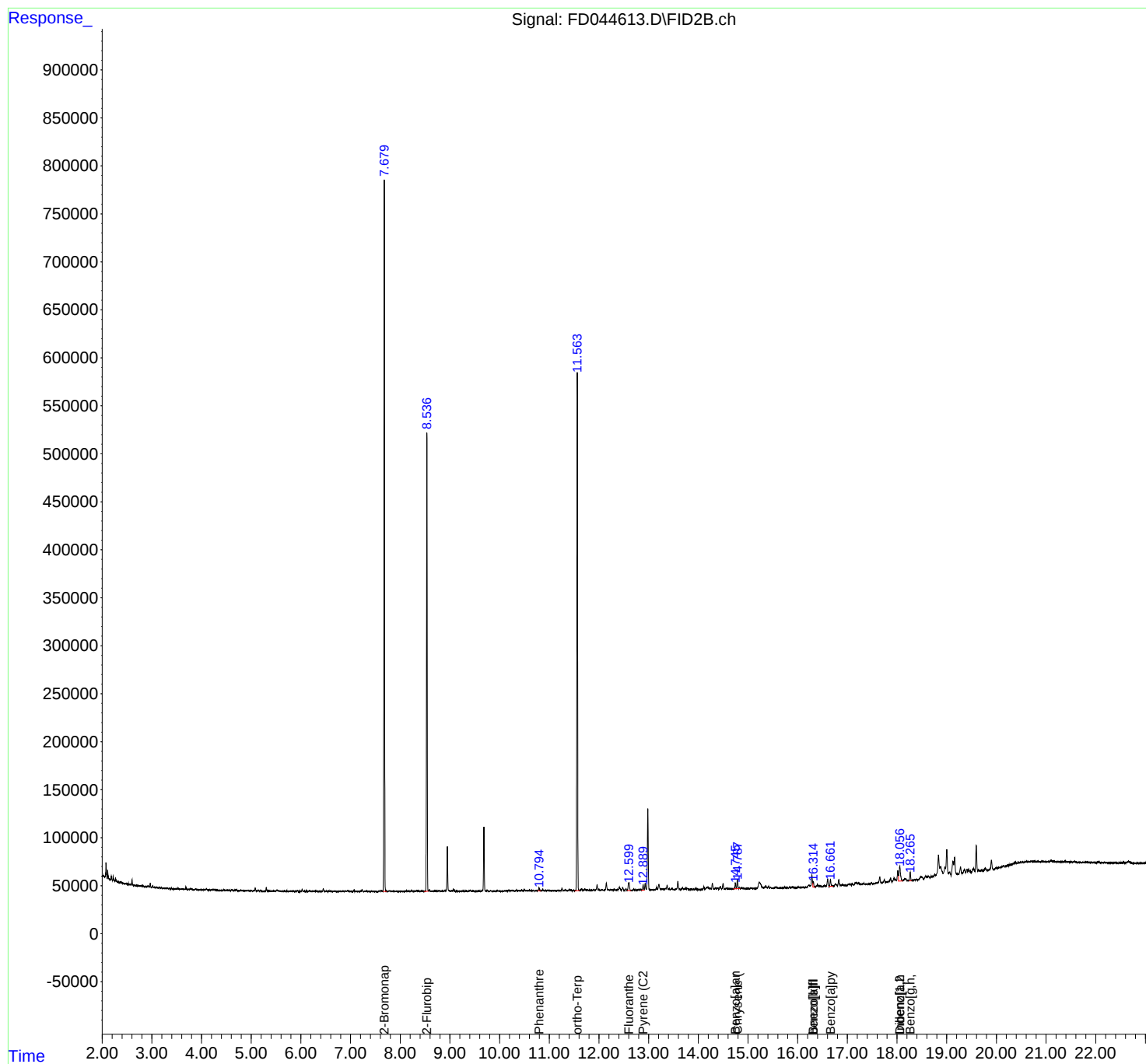
(m)=manual int.

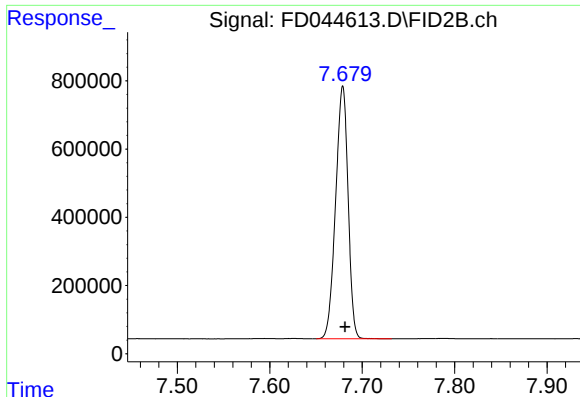
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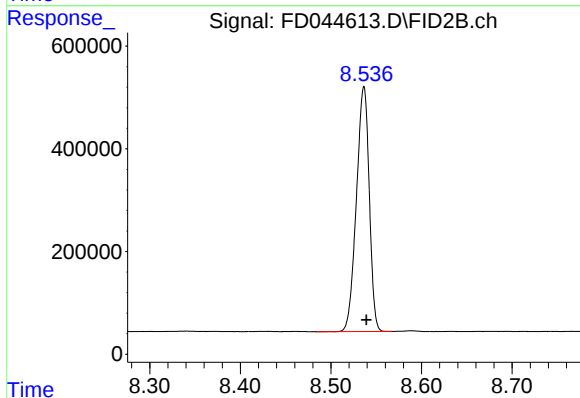




#4 2-Bromonaphthalene (SURRE)

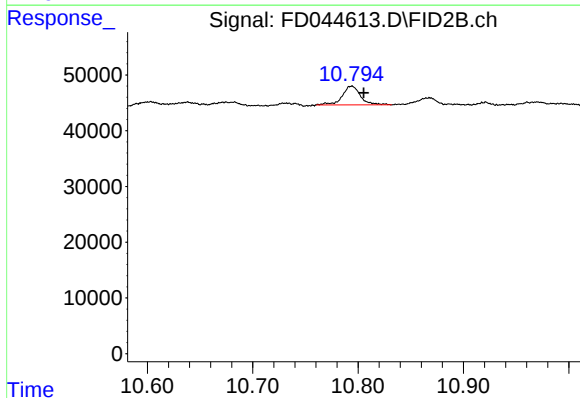
R.T.: 7.679 min
Delta R.T.: -0.003 min
Response: 6942109
Conc: 53.49 ug/ml

Instrument :
FID_D
ClientSampleId :



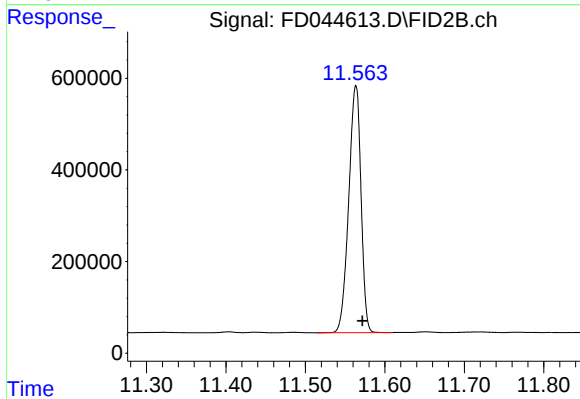
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 4699884
Conc: 53.22 ug/ml



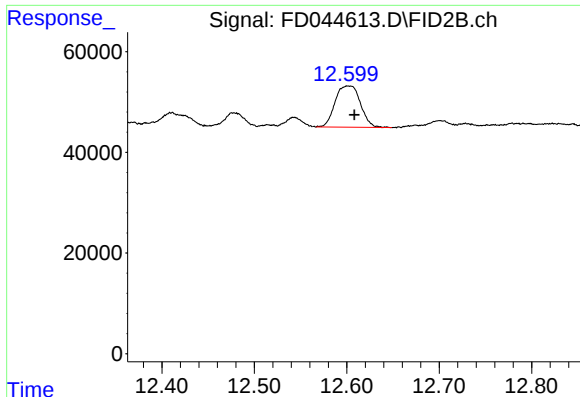
#9 Phenanthrene (C19.36)

R.T.: 10.794 min
Delta R.T.: -0.011 min
Response: 40546
Conc: 0.28 ug/ml



#11 ortho-Terphenyl (SURRE)

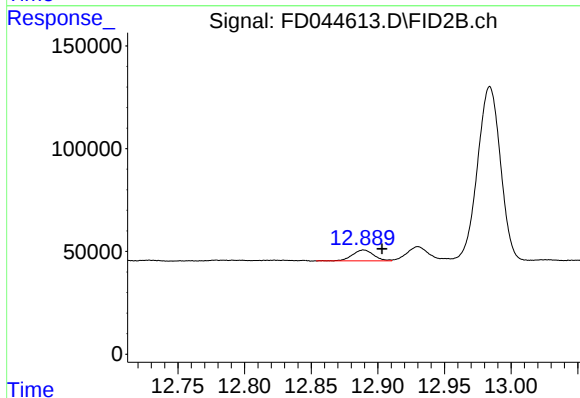
R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 5794906
Conc: 35.61 ug/ml



#12 Fluoranthene (C21.85)

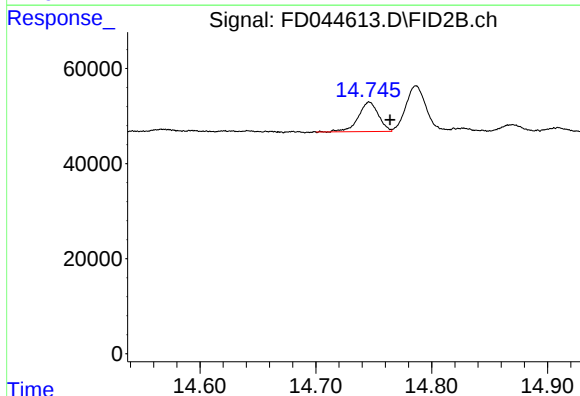
R.T.: 12.602 min
Delta R.T.: -0.006 min
Response: 155539
Conc: 1.09 ug/ml

Instrument :
FID_D
ClientSampleId :



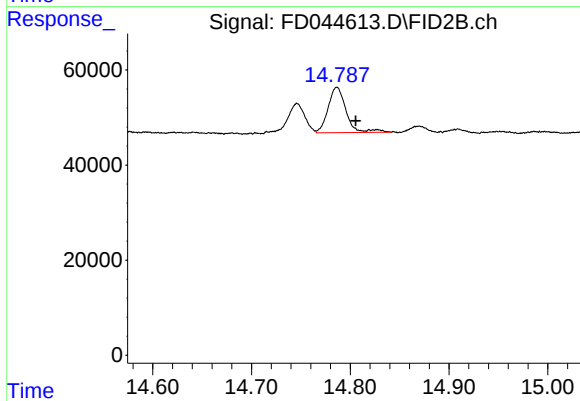
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: -0.014 min
Response: 57879
Conc: 0.42 ug/ml



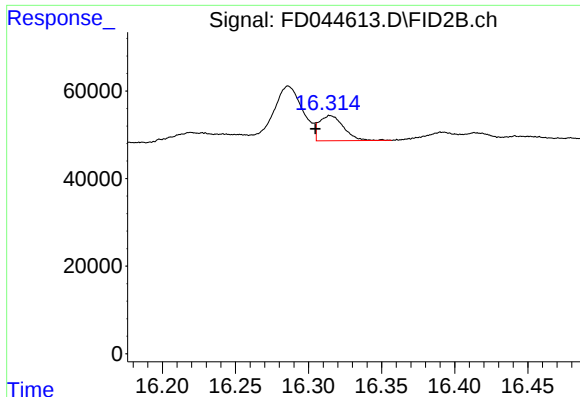
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.018 min
Response: 75325
Conc: 0.58 ug/ml



#15 Chrysene (C27.41)

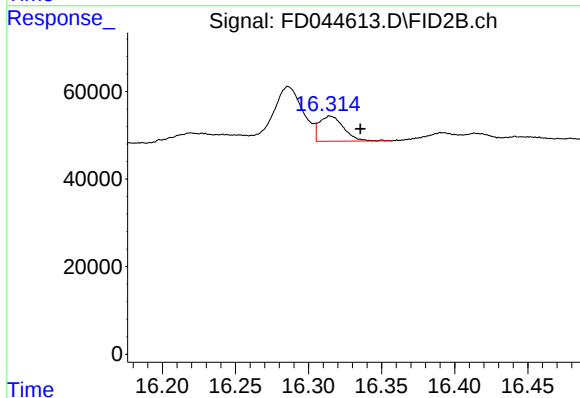
R.T.: 14.787 min
Delta R.T.: -0.019 min
Response: 120843
Conc: 0.90 ug/ml



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

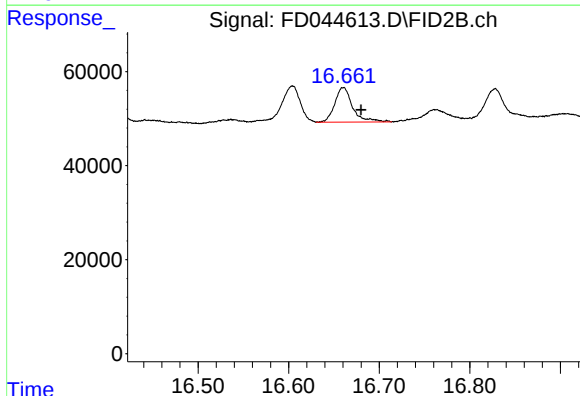
R.T.: 16.315 min
Delta R.T.: 0.010 min
Response: 66712
Conc: 0.51 ug/ml

Instrument :
FID_D
ClientSampleId :



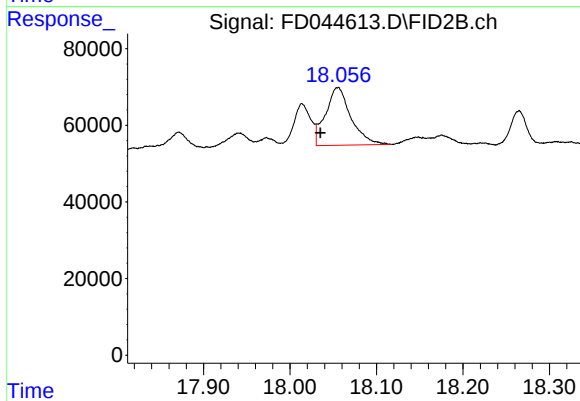
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.315 min
Delta R.T.: -0.021 min
Response: 66712
Conc: 0.51 ug/ml



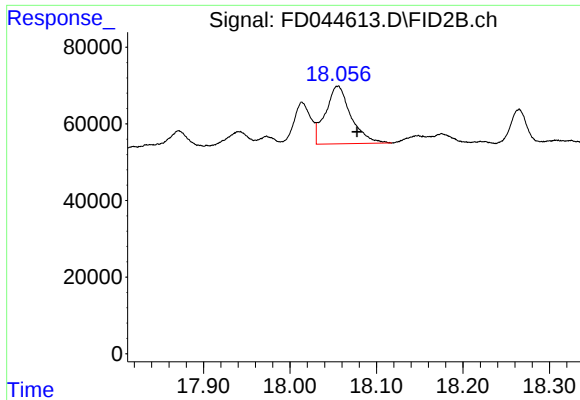
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.660 min
Delta R.T.: -0.020 min
Response: 100370
Conc: 0.78 ug/ml



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

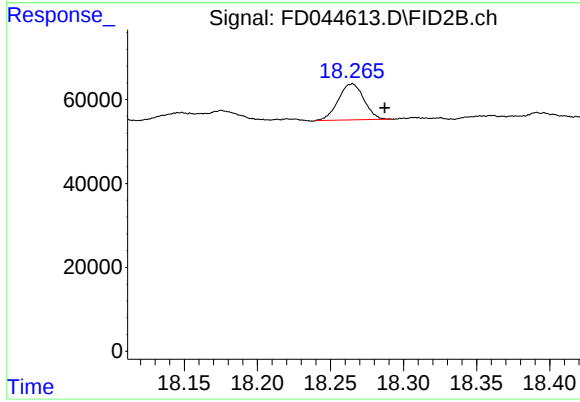
R.T.: 18.055 min
Delta R.T.: 0.020 min
Response: 309515
Conc: 2.43 ug/ml



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

R.T.: 18.055 min
Delta R.T.: -0.022 min
Response: 309515
Conc: 2.46 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.265 min
Delta R.T.: -0.022 min
Response: 104692
Conc: 0.81 ug/ml