

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044797.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2023 00:27
 Operator : YP/AJ
 Sample : 01132-04
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 16 03:13:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.663	6685523	46.362 ug/ml
Spiked Amount 50.000		Recovery =	92.72%
6) S 2-Fluorobiphenyl (SURR)	8.520	4029797	41.514 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.03%
11) S ortho-Terphenyl (SURR)	11.547	5828584	32.351 ug/ml
Spiked Amount 50.000		Recovery =	64.70%
Target Compounds			
9) T Phenanthrene (C19.36)	10.778	82652	0.527 ug/ml
12) T Fluoranthene (C21.85)	12.577	124766	0.795 ug/ml
13) T Pyrene (C20.8)	12.872	107770	0.704 ug/ml
14) T Benzo[a]anthracene (C...	14.731	85481	0.601 ug/ml
15) T Chrysene (C27.41)	14.771	89686	0.591 ug/ml
16) T benzo[b]fluoranthene ...	16.270	111108	0.739 ug/ml
17) T Bnezo[k]fluoranthene ...	16.299	88750	0.586 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.644	128144	0.883 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	470903	3.330 ug/ml
20) T Dibenz[a,h]anthracene...	18.040	538782	3.675 ug/ml
21) T Benzo[g,h,i]perylene ...	18.248	532808	3.751 ug/ml

(f)=RT Delta > 1/2 Window

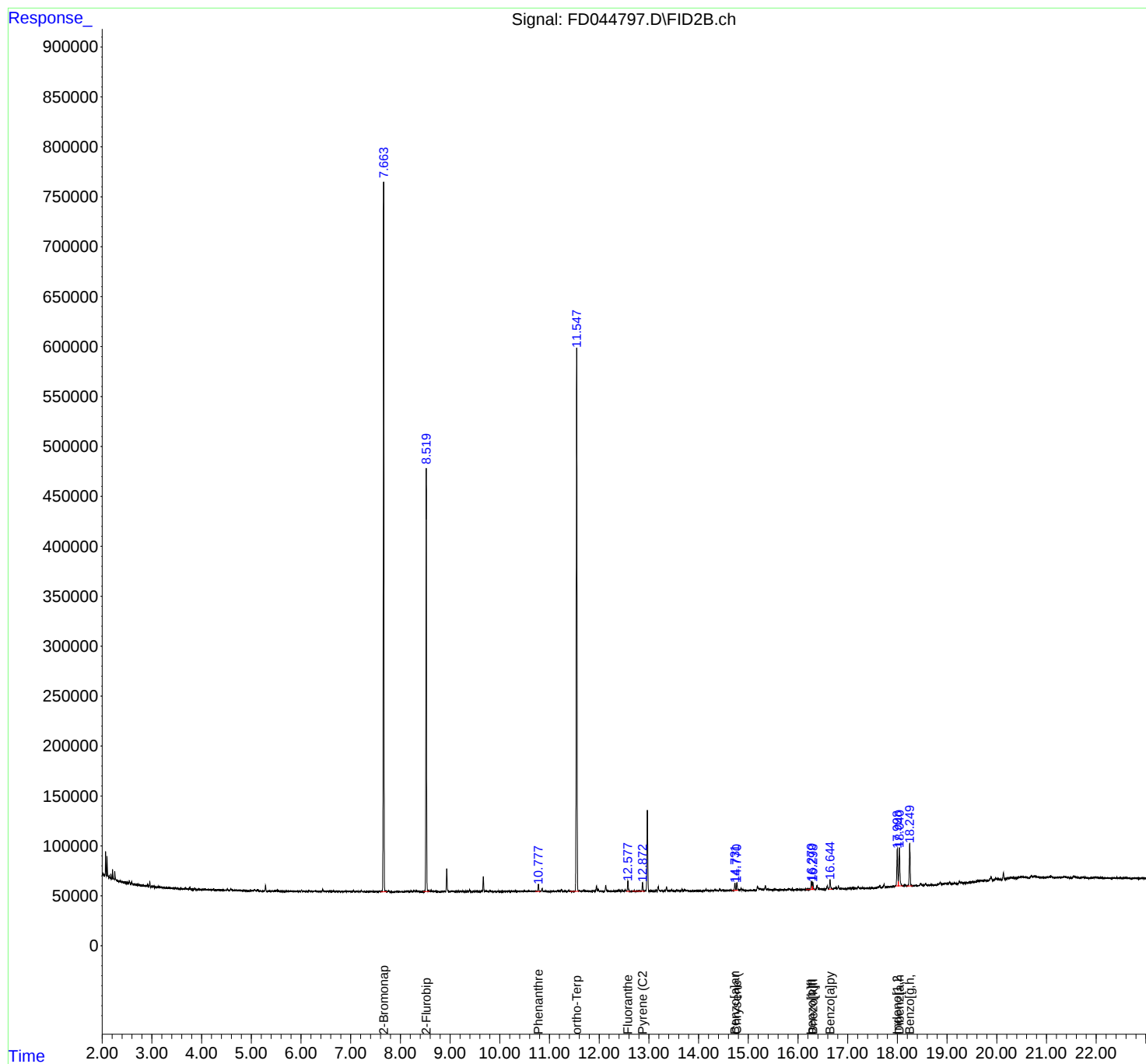
(m)=manual int.

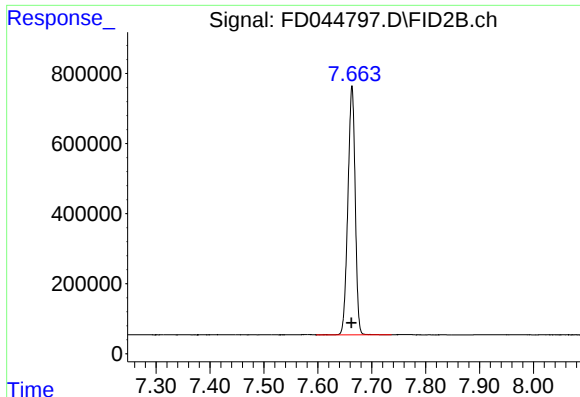
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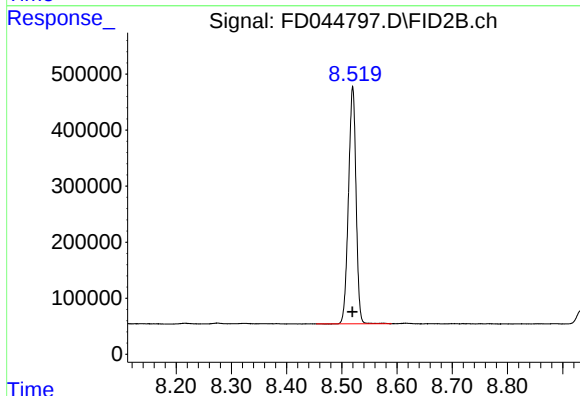




#4 2-Bromonaphthalene (SURRE)

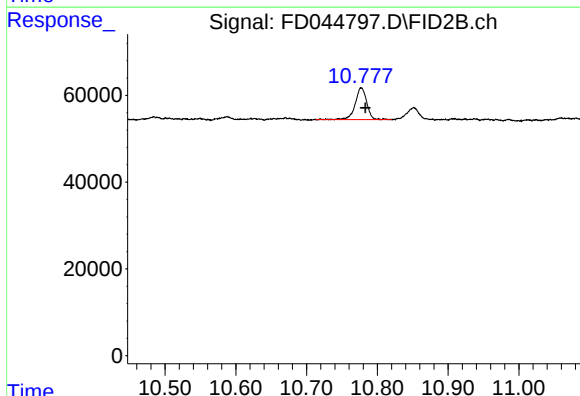
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 6685523
Conc: 46.36 ug/ml

Instrument :
FID_D
ClientSampleId :



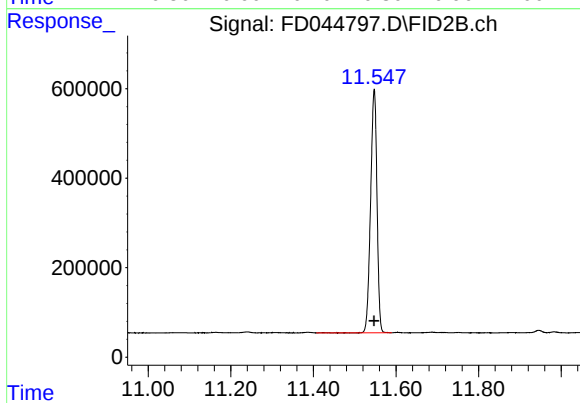
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 4029797
Conc: 41.51 ug/ml



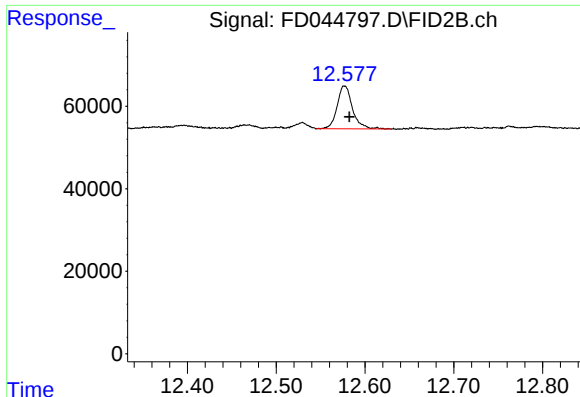
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.005 min
Response: 82652
Conc: 0.53 ug/ml



#11 ortho-Terphenyl (SURRE)

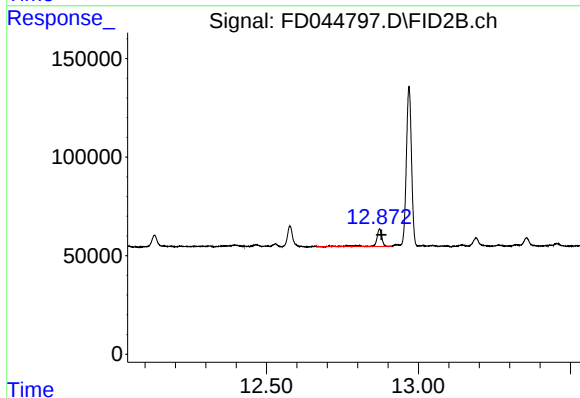
R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 5828584
Conc: 32.35 ug/ml



#12 Fluoranthene (C21.85)

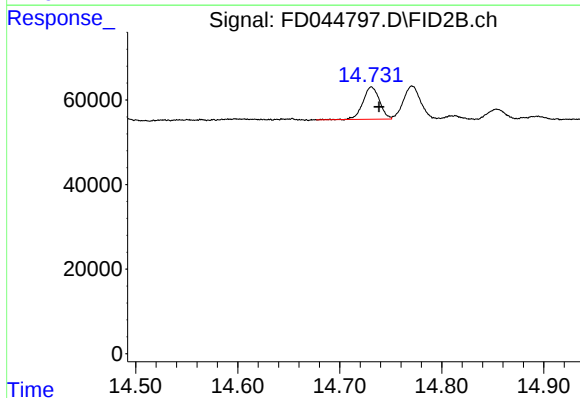
R.T.: 12.577 min
Delta R.T.: -0.005 min
Response: 124766
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



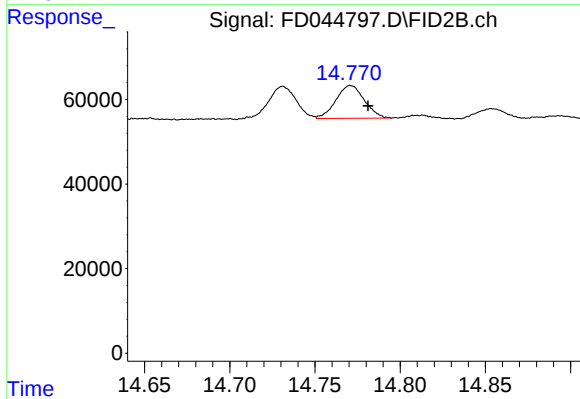
#13 Pyrene (C20.8)

R.T.: 12.872 min
Delta R.T.: -0.006 min
Response: 107770
Conc: 0.70 ug/ml



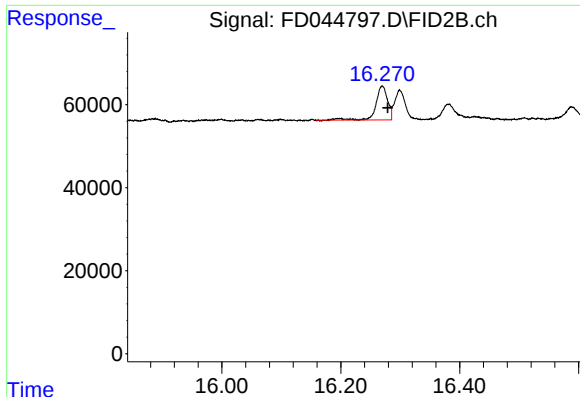
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.731 min
Delta R.T.: -0.007 min
Response: 85481
Conc: 0.60 ug/ml



#15 Chrysene (C27.41)

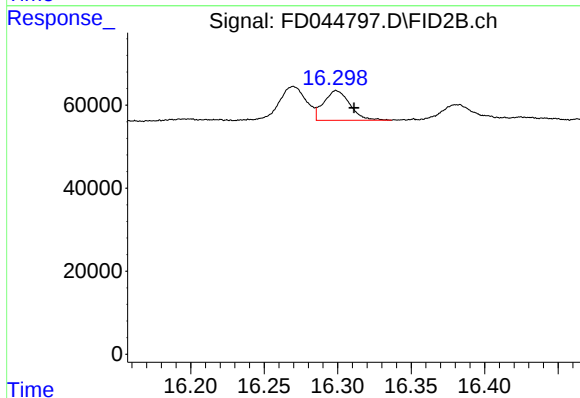
R.T.: 14.771 min
Delta R.T.: -0.010 min
Response: 89686
Conc: 0.59 ug/ml



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

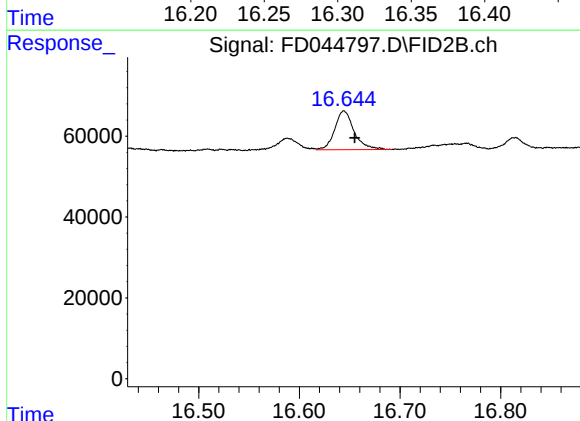
R.T.: 16.270 min
Delta R.T.: -0.009 min
Response: 111108
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



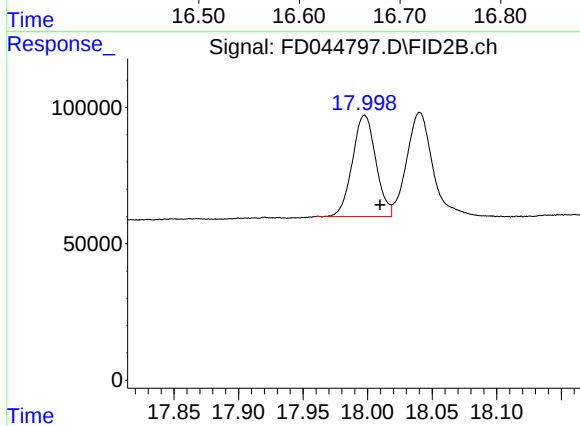
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.299 min
Delta R.T.: -0.012 min
Response: 88750
Conc: 0.59 ug/ml



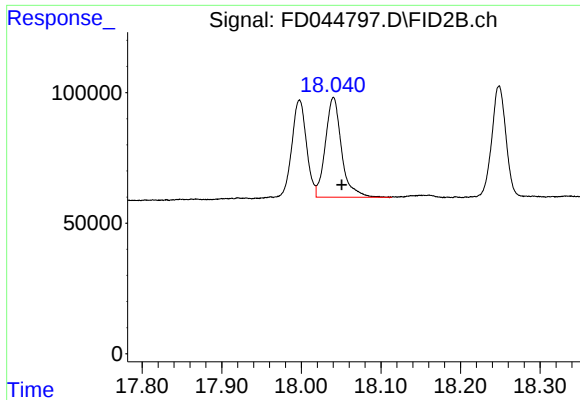
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min
Delta R.T.: -0.010 min
Response: 128144
Conc: 0.88 ug/ml



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

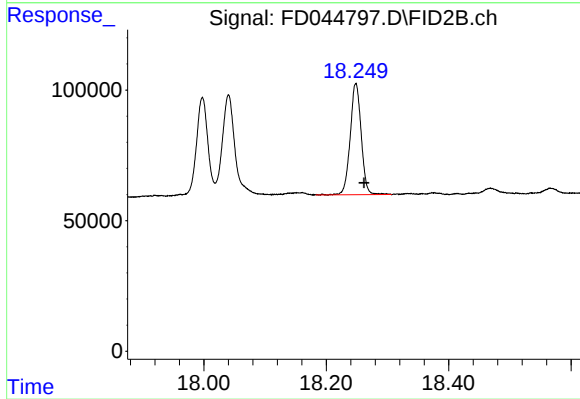
R.T.: 17.998 min
Delta R.T.: -0.012 min
Response: 470903
Conc: 3.33 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.011 min
Response: 538782
Conc: 3.68 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.248 min
Delta R.T.: -0.014 min
Response: 532808
Conc: 3.75 ug/ml