

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092525AR\
 Data File : FF016456.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 17:52
 Operator : YP\AJ
 Sample : Q3178-01D
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 02:45:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 2025
 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...	8.034	4291142	34.256 ug/ml
Spiked Amount 50.000		Recovery =	68.51%
6) S 2-Fluorobiphenyl (SURR)	8.911	2354311	27.915 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.83%
11) S ortho-Terphenyl (SURR)	11.977	2838770	18.621 ug/ml
Spiked Amount 50.000		Recovery =	37.24%
Target Compounds			
9) T Phenanthrene (C19.36)	11.207	33935	0.233 ug/ml
12) T Fluoranthene (C21.85)	13.031	154155	1.056 ug/ml
13) T Pyrene (C20.8)	13.330	144952	1.012 ug/ml
14) T Benzo[a]anthracene (C...	15.216	60424	0.444 ug/ml
15) T Chrysene (C27.41)	15.257	125684	0.881 ug/ml
16) T benzo[b]fluoranthene ...	16.779	125443	0.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.779	125443	0.997 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.158	54163	0.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.508	278987	2.446 ug/ml
20) T Dibenz[a,h]anthracene...	18.571	140020	1.073 ug/ml
21) T Benzo[g,h,i]perylene ...	18.785	30389	0.247 ug/ml

(f)=RT Delta > 1/2 Window

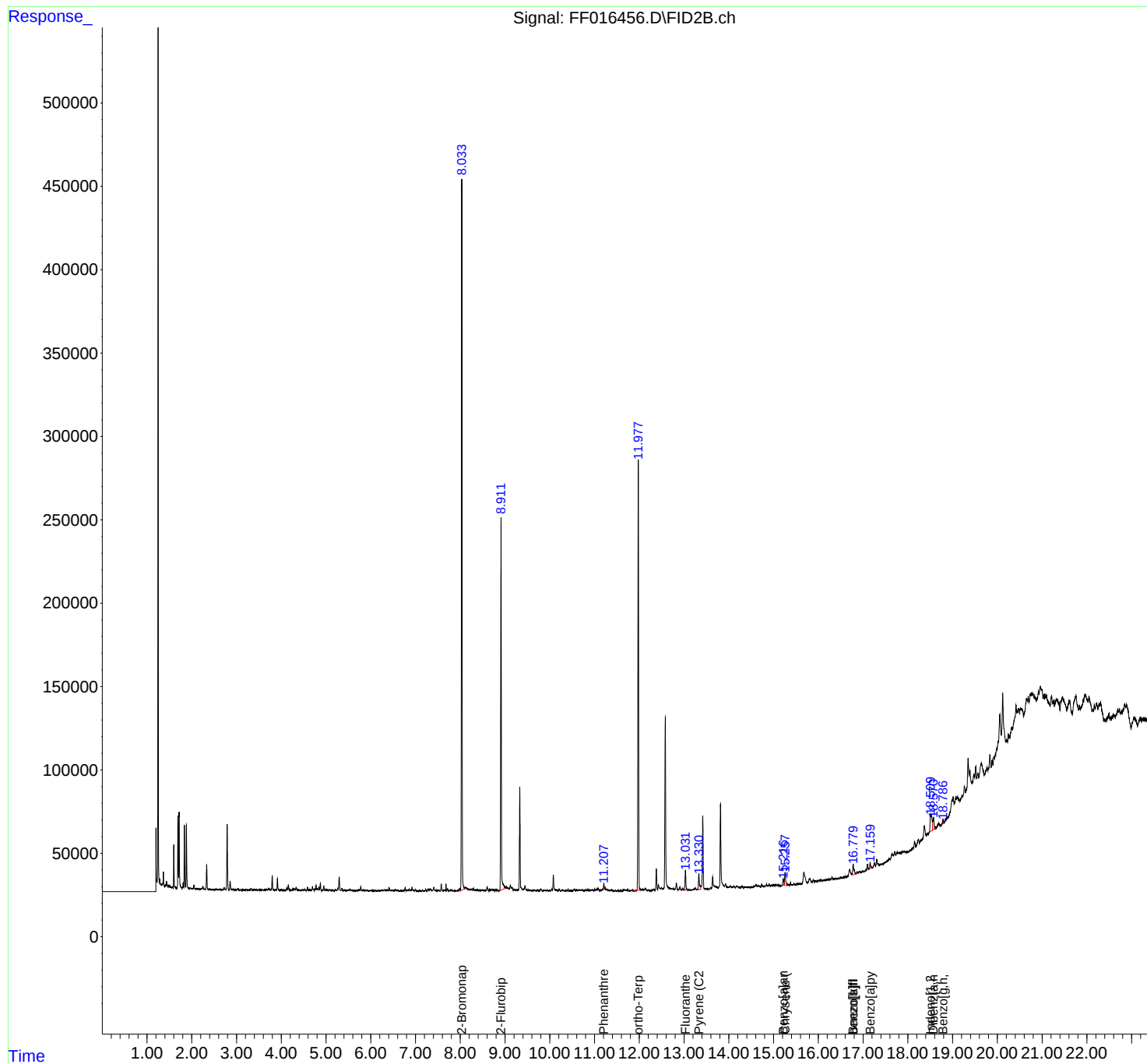
(m)=manual int.

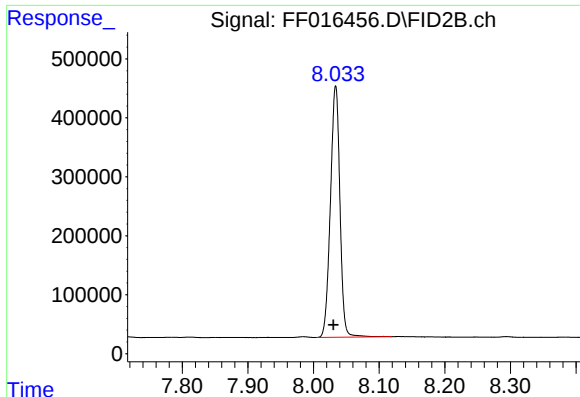
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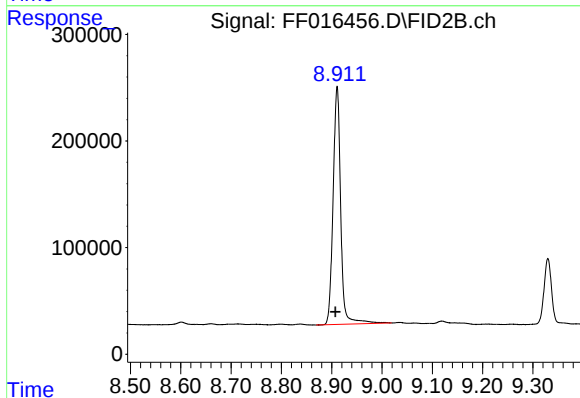




#4 2-Bromonaphthalene (SURRE)

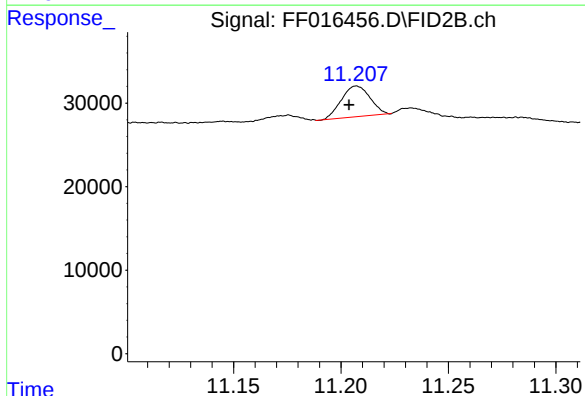
R.T.: 8.034 min
Delta R.T.: 0.003 min
Response: 4291142
Conc: 34.26 ug/ml

Instrument :
FID_E
ClientSampleId :



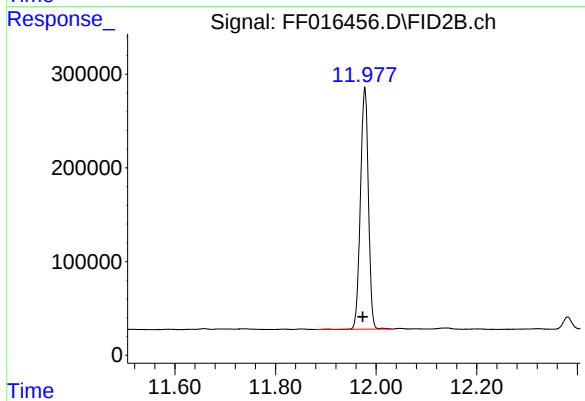
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.911 min
Delta R.T.: 0.003 min
Response: 2354311
Conc: 27.91 ug/ml



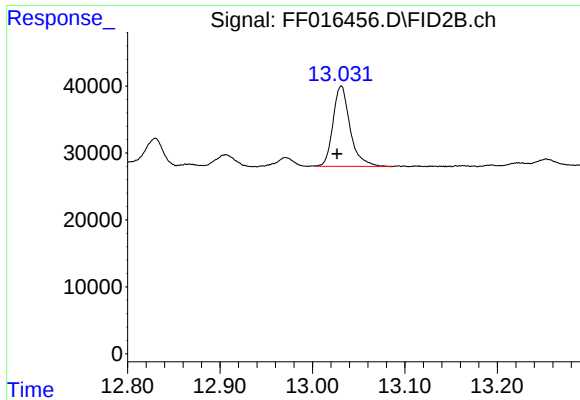
#9 Phenanthrene (C19.36)

R.T.: 11.207 min
Delta R.T.: 0.004 min
Response: 33935
Conc: 0.23 ug/ml



#11 ortho-Terphenyl (SURRE)

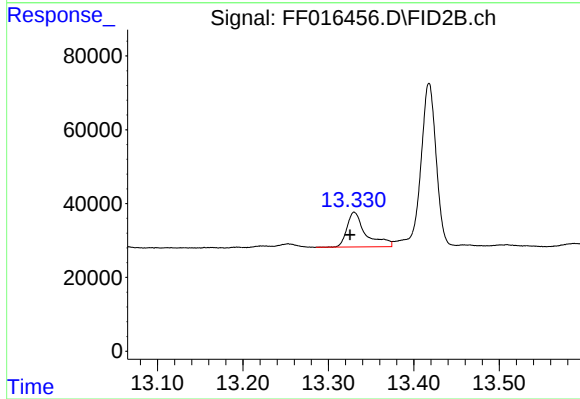
R.T.: 11.977 min
Delta R.T.: 0.004 min
Response: 2838770
Conc: 18.62 ug/ml



#12 Fluoranthene (C21.85)

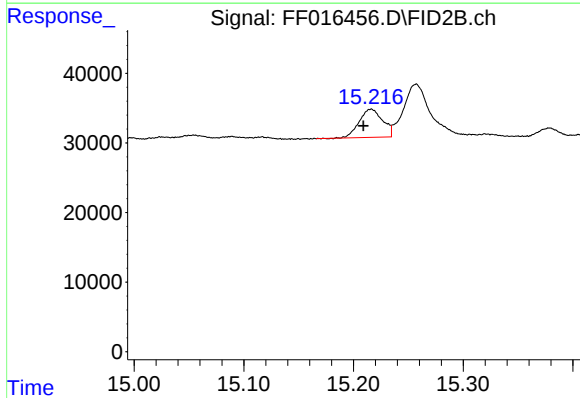
R.T.: 13.031 min
Delta R.T.: 0.005 min
Response: 154155
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



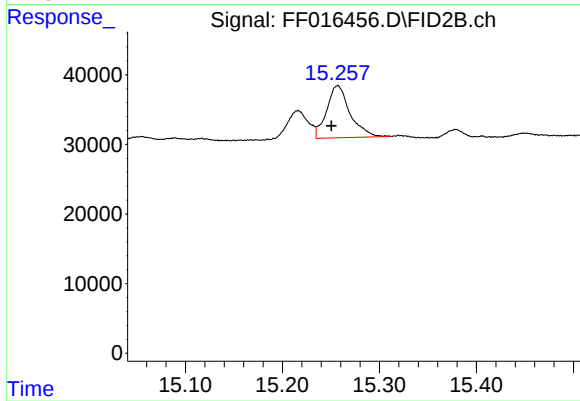
#13 Pyrene (C20.8)

R.T.: 13.330 min
Delta R.T.: 0.005 min
Response: 144952
Conc: 1.01 ug/ml



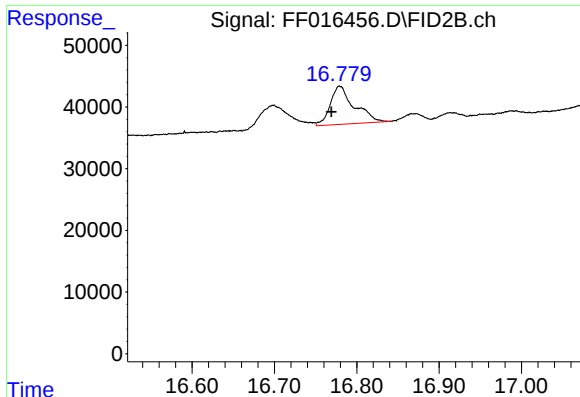
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.216 min
Delta R.T.: 0.007 min
Response: 60424
Conc: 0.44 ug/ml



#15 Chrysene (C27.41)

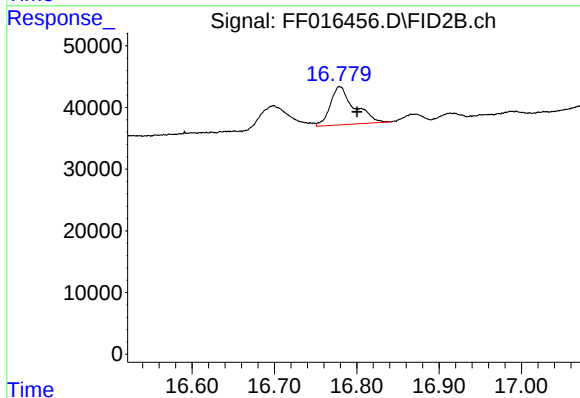
R.T.: 15.257 min
Delta R.T.: 0.007 min
Response: 125684
Conc: 0.88 ug/ml



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

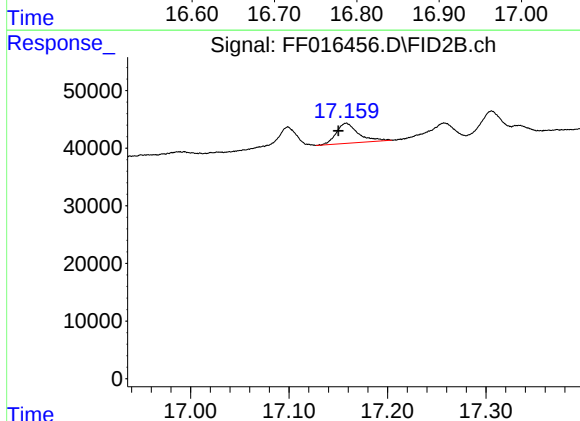
R.T.: 16.779 min
Delta R.T.: 0.010 min
Response: 125443
Conc: 0.95 ug/ml

Instrument :
FID_E
ClientSampleId :



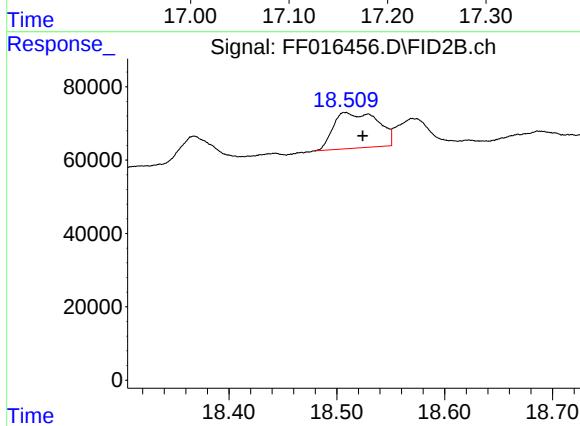
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.779 min
Delta R.T.: -0.021 min
Response: 125443
Conc: 1.00 ug/ml



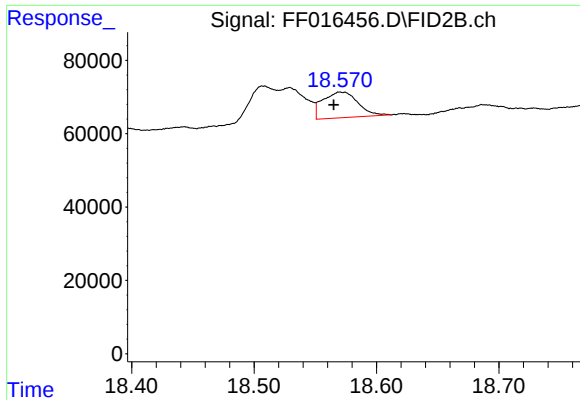
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.158 min
Delta R.T.: 0.008 min
Response: 54163
Conc: 0.42 ug/ml



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

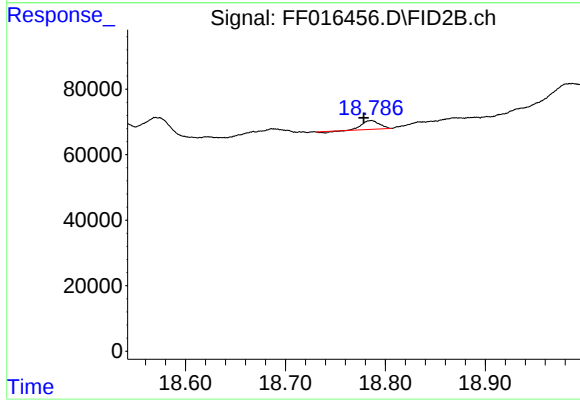
R.T.: 18.508 min
Delta R.T.: -0.016 min
Response: 278987
Conc: 2.45 ug/ml



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

R.T.: 18.571 min
Delta R.T.: 0.006 min
Response: 140020
Conc: 1.07 ug/ml

Instrument :
FID_E
ClientSampleId :



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

R.T.: 18.785 min
Delta R.T.: 0.007 min
Response: 30389
Conc: 0.25 ug/ml