

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032221AR\
 Data File : FD036486.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2021 19:17
 Operator : DD\AJ
 Sample : M1555-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 23 02:47:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.597	5845425	49.592 ug/ml
Spiked Amount 50.000		Recovery =	99.18%
6) S 2-Fluorobiphenyl (SURR)	8.457	3903877	46.909 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.82%
11) S ortho-Terphenyl (SURR)	11.496	3570797	25.345 ug/ml
Spiked Amount 50.000		Recovery =	50.69%
Target Compounds			
9) T Phenanthrene (C19.36)	10.724	134855	0.979 ug/ml
12) T Fluoranthene (C21.85)	12.532	275205	1.982 ug/ml
13) T Pyrene (C20.8)	12.827	196415	1.433 ug/ml
14) T Benzo[a]anthracene (C...	14.735	106325	0.841 ug/ml
15) T Chrysene (C27.41)	14.735	106325	0.821 ug/ml
16) T benzo[b]fluoranthene ...	16.269	55213	0.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	55213	0.469 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	82550	0.749 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.029	80380	0.726 ug/ml
20) T Dibenz[a,h]anthracene...	18.029	80380	0.726 ug/ml
21) T Benzo[g,h,i]perylene ...	18.227	66743	0.604 ug/ml

(f)=RT Delta > 1/2 Window

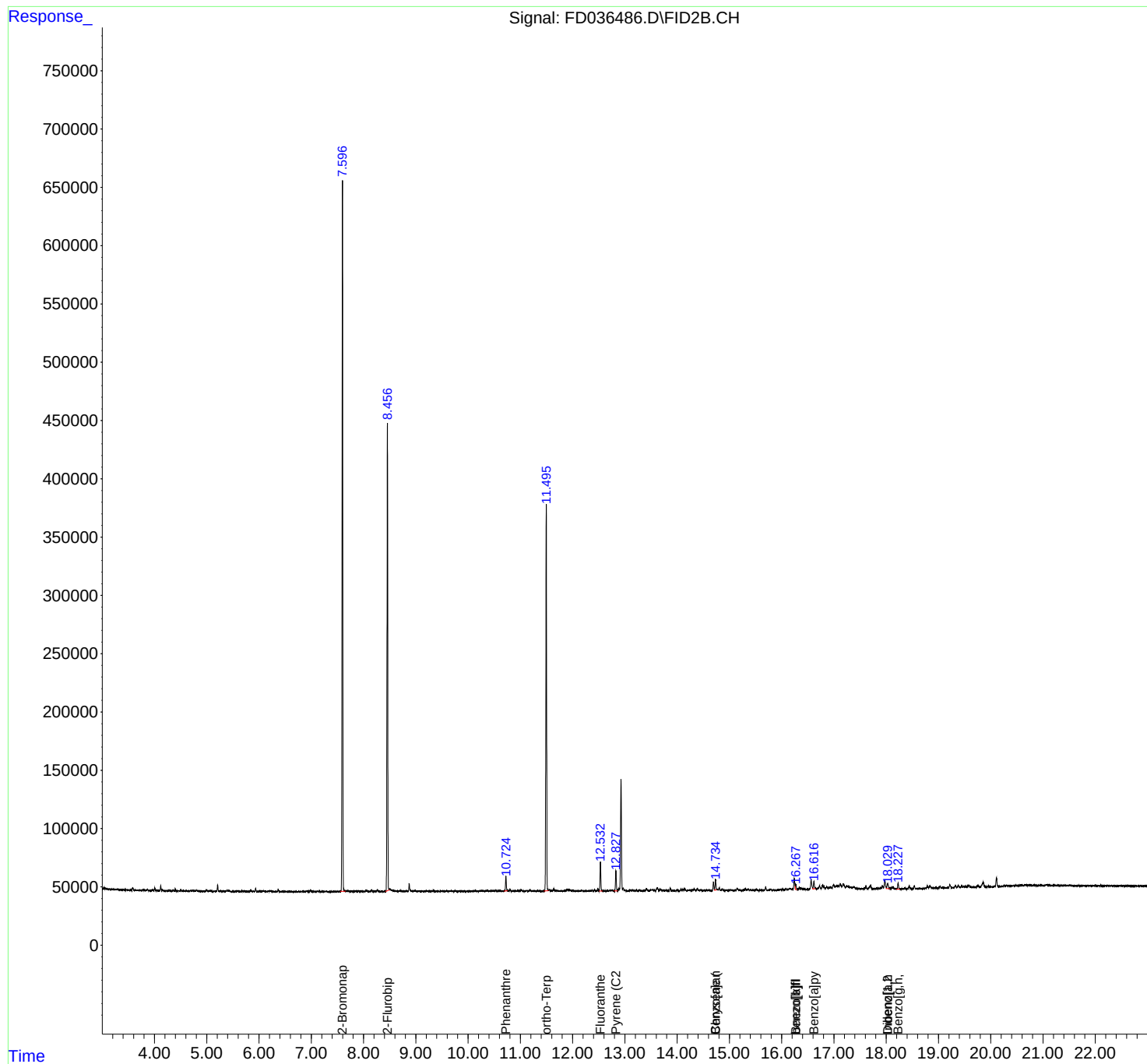
(m)=manual int.

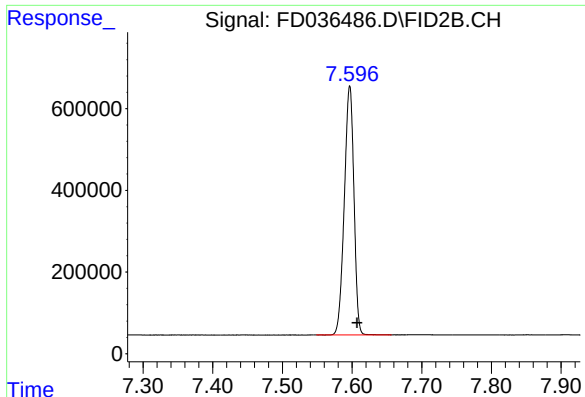
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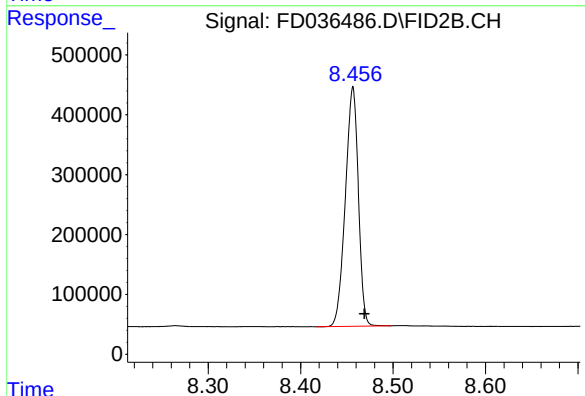




#4 2-Bromonaphthalene (SURRE)

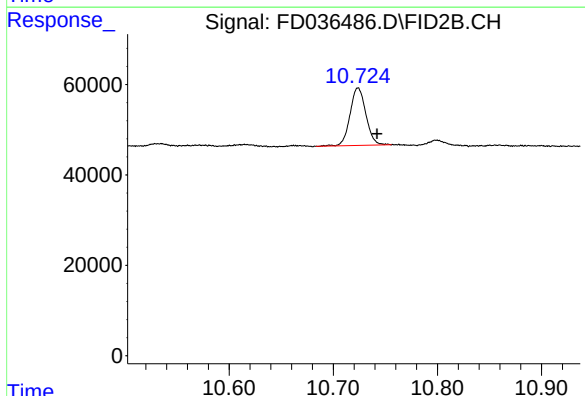
R.T.: 7.597 min
Delta R.T.: -0.010 min
Response: 5845425
Conc: 49.59 ug/ml

Instrument :
FID_D
ClientSampleId :



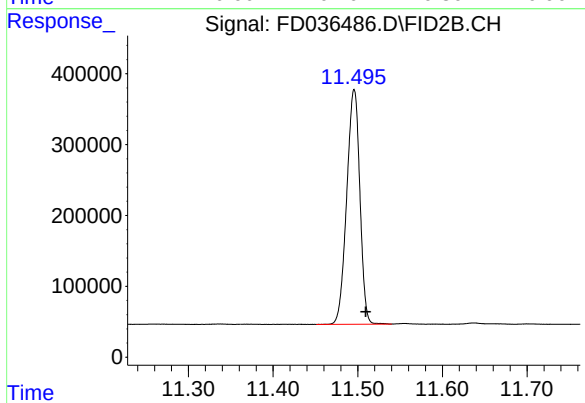
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.457 min
Delta R.T.: -0.012 min
Response: 3903877
Conc: 46.91 ug/ml



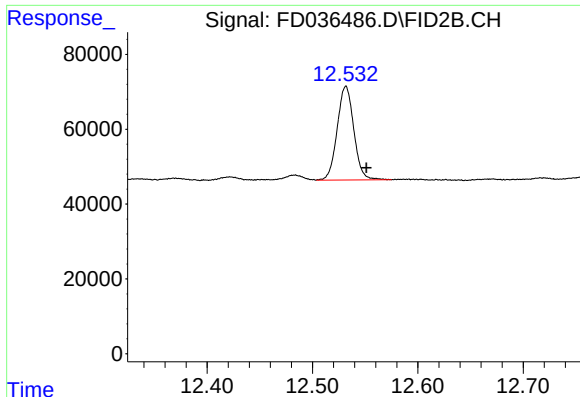
#9 Phenanthrene (C19.36)

R.T.: 10.724 min
Delta R.T.: -0.018 min
Response: 134855
Conc: 0.98 ug/ml



#11 ortho-Terphenyl (SURRE)

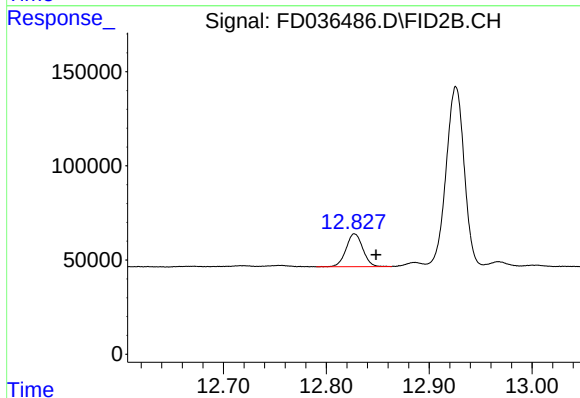
R.T.: 11.496 min
Delta R.T.: -0.014 min
Response: 3570797
Conc: 25.35 ug/ml



#12 Fluoranthene (C21.85)

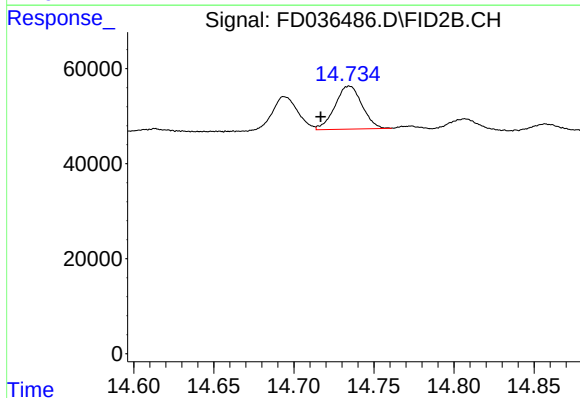
R.T.: 12.532 min
Delta R.T.: -0.020 min
Response: 275205
Conc: 1.98 ug/ml

Instrument :
FID_D
ClientSampleId :



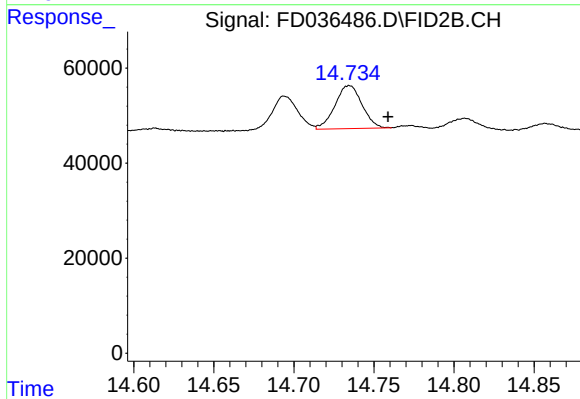
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: -0.021 min
Response: 196415
Conc: 1.43 ug/ml



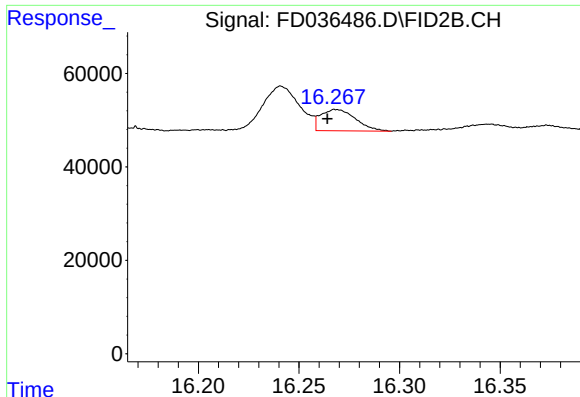
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: 0.018 min
Response: 106325
Conc: 0.84 ug/ml



#15 Chrysene (C27.41)

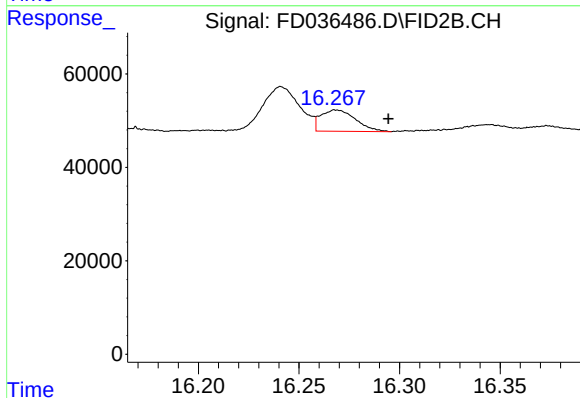
R.T.: 14.735 min
Delta R.T.: -0.024 min
Response: 106325
Conc: 0.82 ug/ml



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

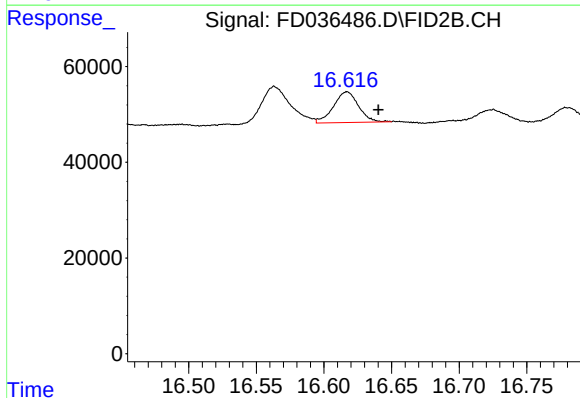
R.T.: 16.269 min
Delta R.T.: 0.005 min
Response: 55213
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



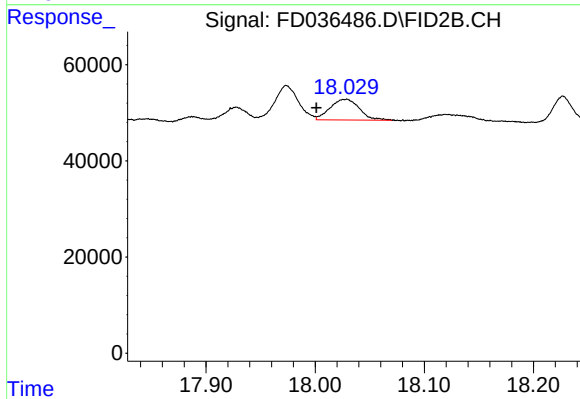
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.269 min
Delta R.T.: -0.026 min
Response: 55213
Conc: 0.47 ug/ml



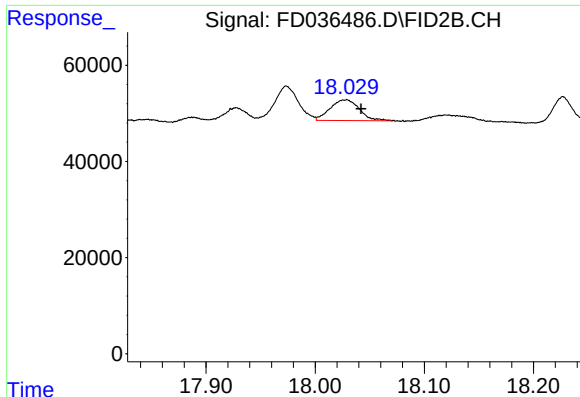
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.023 min
Response: 82550
Conc: 0.75 ug/ml



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

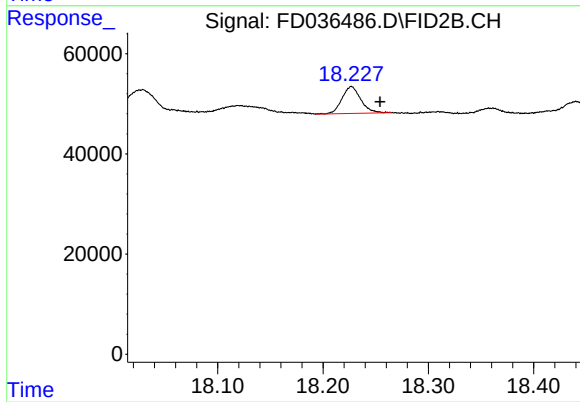
R.T.: 18.029 min
Delta R.T.: 0.027 min
Response: 80380
Conc: 0.73 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.013 min
Response: 80380
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.227 min
Delta R.T.: -0.027 min
Response: 66743
Conc: 0.60 ug/ml