

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036913.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 20:44
 Operator : DD\AJ
 Sample : M1982-02D
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 01:24:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.587	5541921	39.404 ug/ml
Spiked Amount 50.000		Recovery =	78.81%
6) S 2-Fluorobiphenyl (SURR)	8.447	3439444	36.641 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.28%
11) S ortho-Terphenyl (SURR)	11.487	4045771	26.490 ug/ml
Spiked Amount 50.000		Recovery =	52.98%
Target Compounds			
9) T Phenanthrene (C19.36)	10.716	126592	0.864 ug/ml
12) T Fluoranthene (C21.85)	12.524	280444	1.998 ug/ml
13) T Pyrene (C20.8)	12.820	227894	1.661 ug/ml
14) T Benzo[a]anthracene (C...	14.689	102025	0.859 ug/ml
15) T Chrysene (C27.41)	14.729	137004	1.133 ug/ml
16) T benzo[b]fluoranthene ...	16.237	106401	0.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.237	106401	1.001 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.613	119198	1.196 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.971	144535	1.438 ug/ml
20) T Dibenz[a,h]anthracene...	17.971f	144535	1.433 ug/ml
21) T Benzo[g,h,i]perylene ...	18.225	101044	0.997 ug/ml

(f)=RT Delta > 1/2 Window

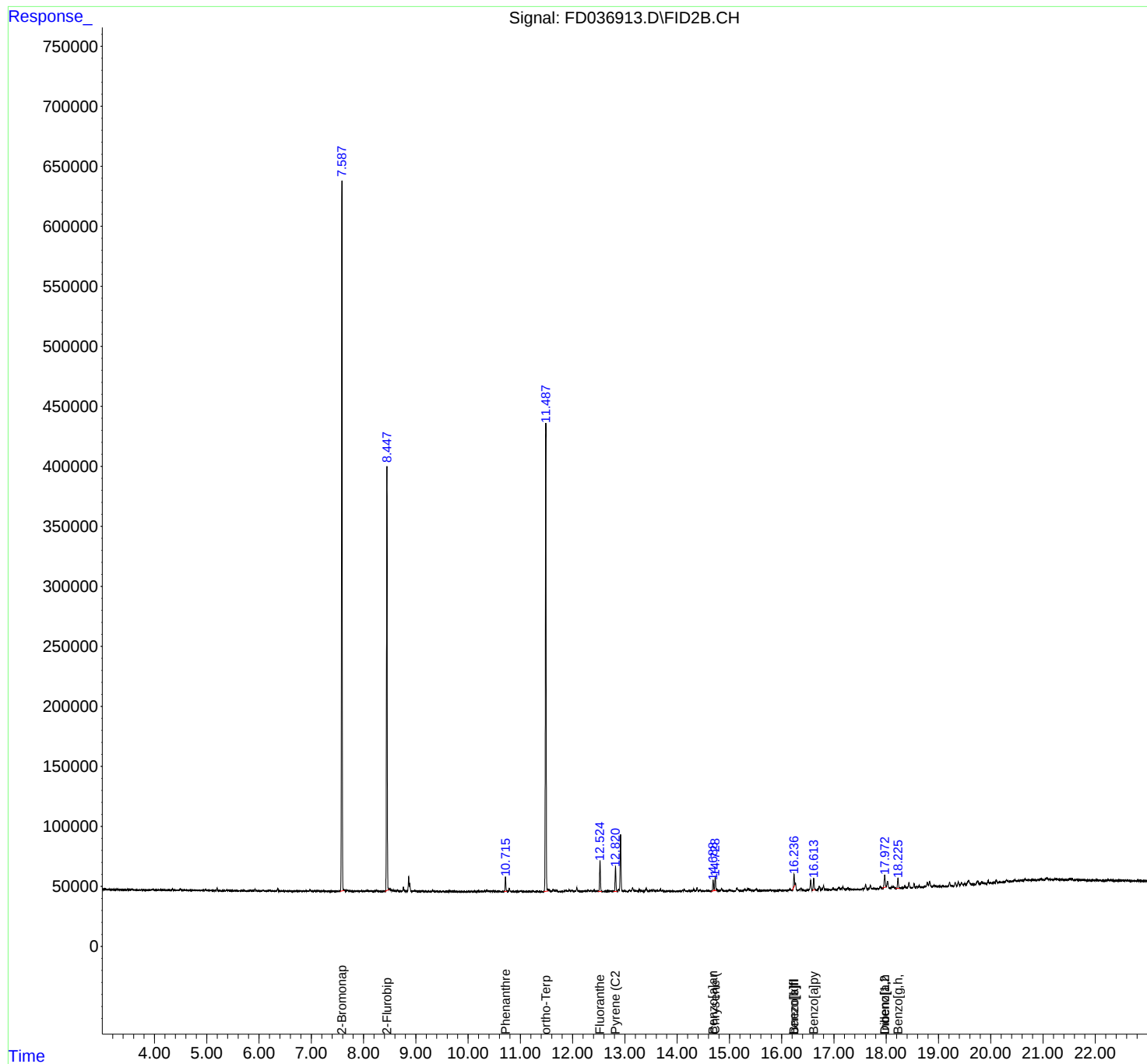
(m)=manual int.

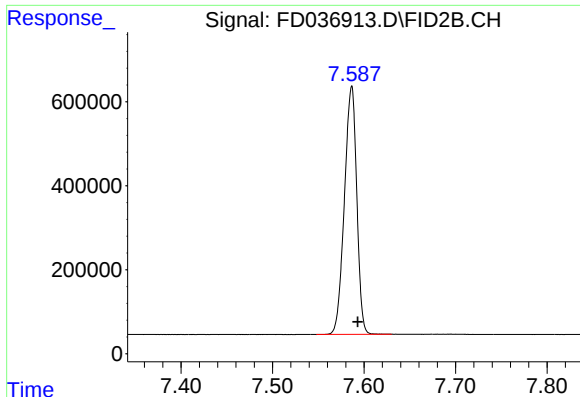
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Signal Info : 20M x 0.18mm x 0.18µm

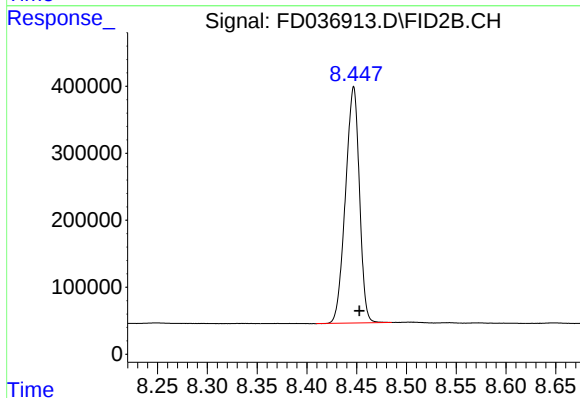




#4 2-Bromonaphthalene (SURRE)

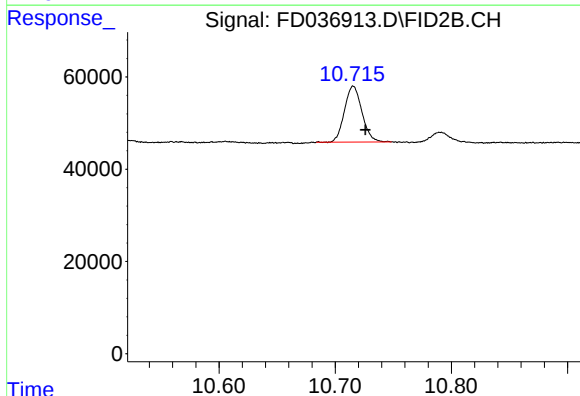
R.T.: 7.587 min
Delta R.T.: -0.007 min
Response: 5541921
Conc: 39.40 ug/ml

Instrument :
FID_D
ClientSampleId :



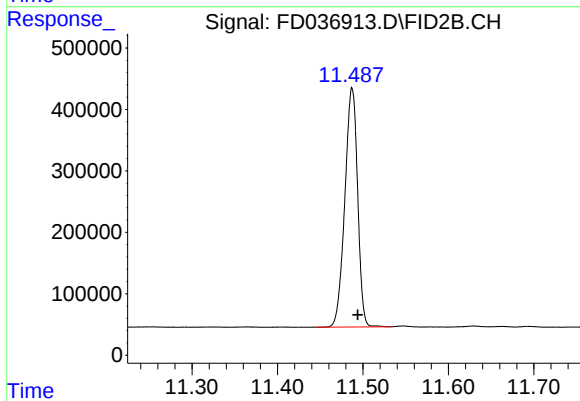
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 3439444
Conc: 36.64 ug/ml



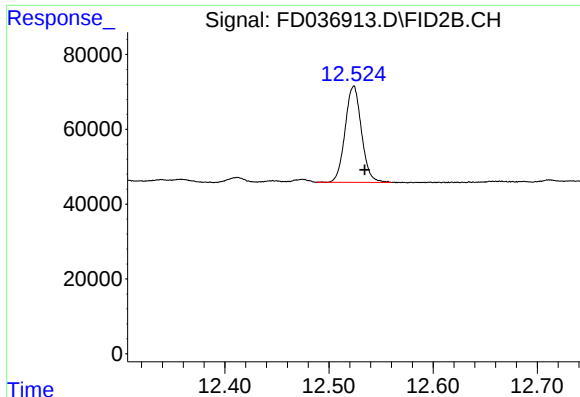
#9 Phenanthrene (C19.36)

R.T.: 10.716 min
Delta R.T.: -0.010 min
Response: 126592
Conc: 0.86 ug/ml



#11 ortho-Terphenyl (SURRE)

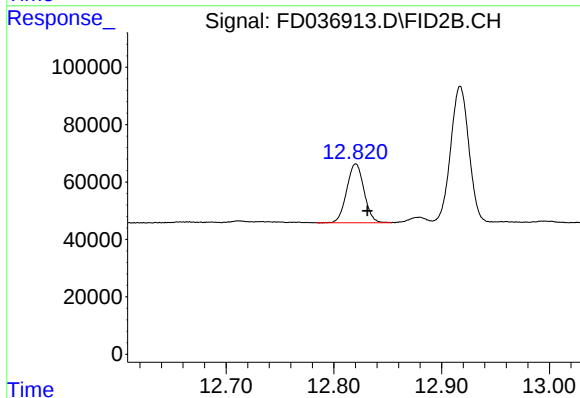
R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 4045771
Conc: 26.49 ug/ml



#12 Fluoranthene (C21.85)

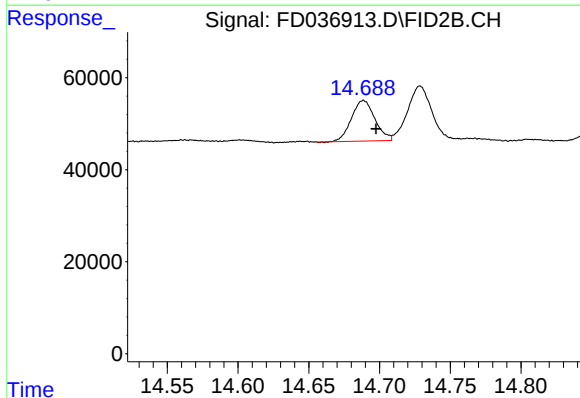
R.T.: 12.524 min
Delta R.T.: -0.010 min
Response: 280444
Conc: 2.00 ug/ml

Instrument :
FID_D
ClientSampleId :



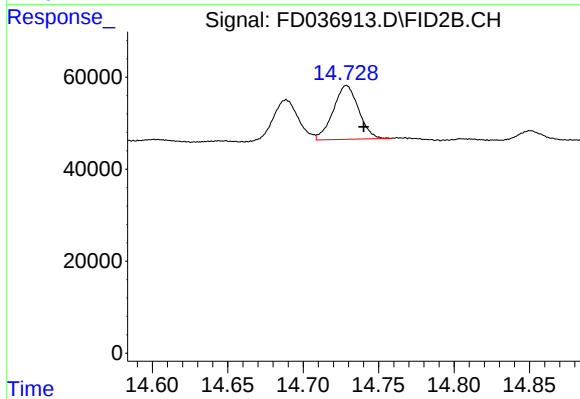
#13 Pyrene (C20.8)

R.T.: 12.820 min
Delta R.T.: -0.011 min
Response: 227894
Conc: 1.66 ug/ml



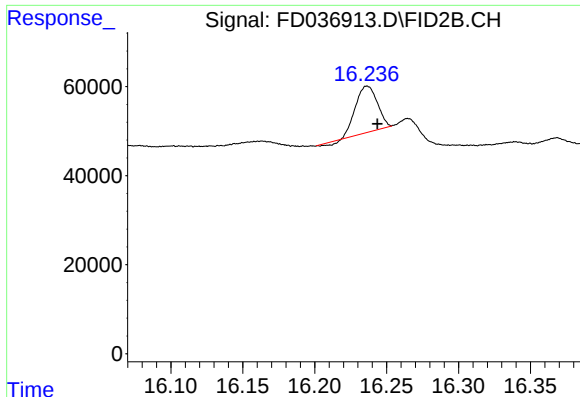
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.689 min
Delta R.T.: -0.009 min
Response: 102025
Conc: 0.86 ug/ml



#15 Chrysene (C27.41)

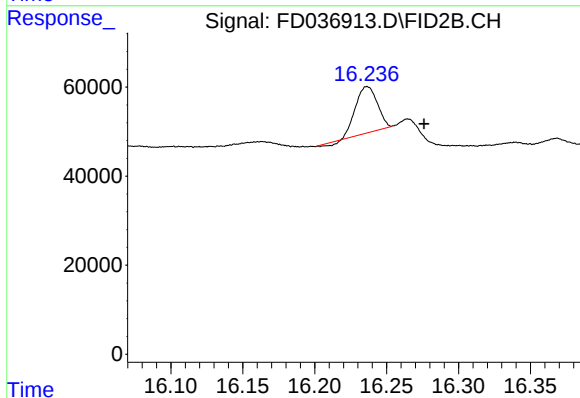
R.T.: 14.729 min
Delta R.T.: -0.011 min
Response: 137004
Conc: 1.13 ug/ml



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

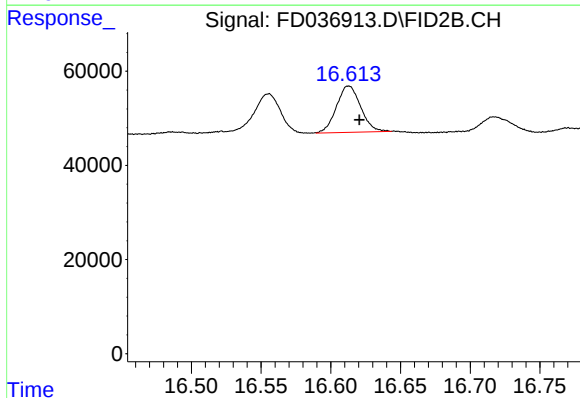
R.T.: 16.237 min
Delta R.T.: -0.007 min
Response: 106401
Conc: 0.97 ug/ml

Instrument :
FID_D
ClientSampleId :



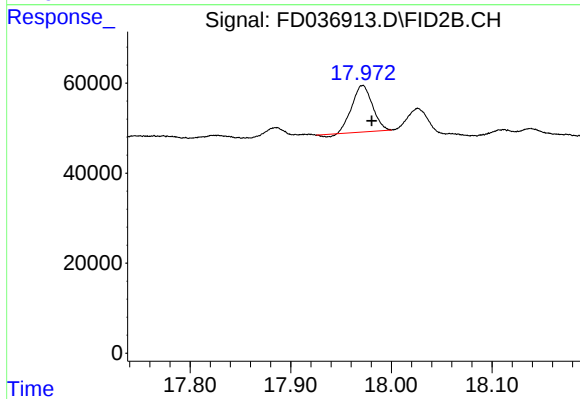
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.237 min
Delta R.T.: -0.039 min
Response: 106401
Conc: 1.00 ug/ml



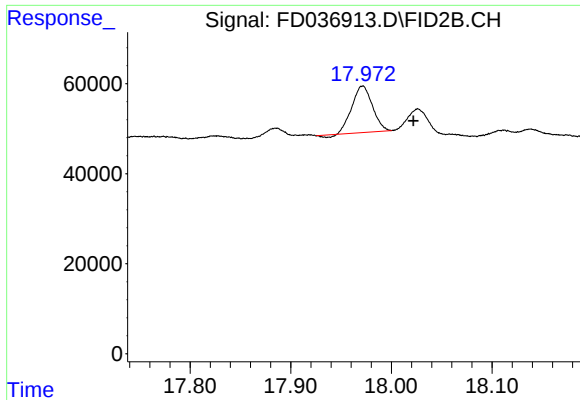
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.613 min
Delta R.T.: -0.008 min
Response: 119198
Conc: 1.20 ug/ml



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

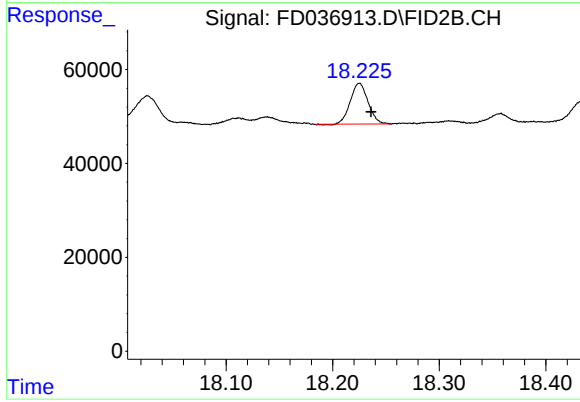
R.T.: 17.971 min
Delta R.T.: -0.009 min
Response: 144535
Conc: 1.44 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.051 min
Response: 144535
Conc: 1.43 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.225 min
Delta R.T.: -0.011 min
Response: 101044
Conc: 1.00 ug/ml