

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036540.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 18:21
 Operator : DD\AJ
 Sample : M1789-04
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 01:31:28 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...	7.596	7756116	55.148 ug/ml
Spiked Amount 50.000		Recovery =	110.30%
6) S 2-Fluorobiphenyl (SURR)	8.456	5198572	55.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.76%
11) S ortho-Terphenyl (SURR)	11.494	4842973	31.709 ug/ml
Spiked Amount 50.000		Recovery =	63.42%
Target Compounds			
9) T Phenanthrene (C19.36)	10.722	93422	0.637 ug/ml
12) T Fluoranthene (C21.85)	12.529	269828	1.922 ug/ml
13) T Pyrene (C20.8)	12.825	214079	1.560 ug/ml
14) T Benzo[a]anthracene (C...	14.691	140620	1.184 ug/ml
15) T Chrysene (C27.41)	14.732	130381	1.078 ug/ml
16) T benzo[b]fluoranthene ...	16.239	97574	0.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.239	97574	0.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	113910	1.143 ug/ml

(f)=RT Delta > 1/2 Window

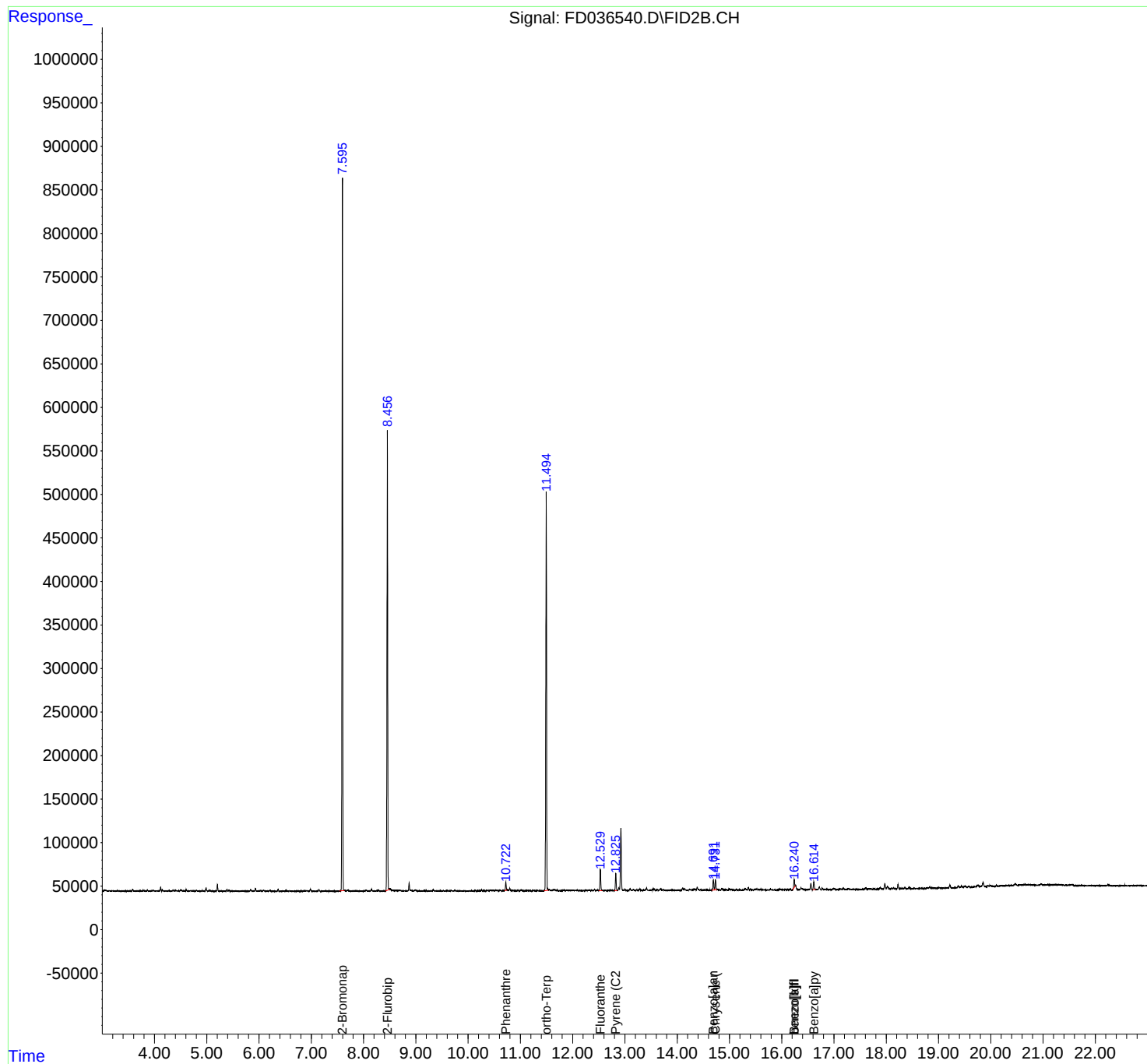
(m)=manual int.

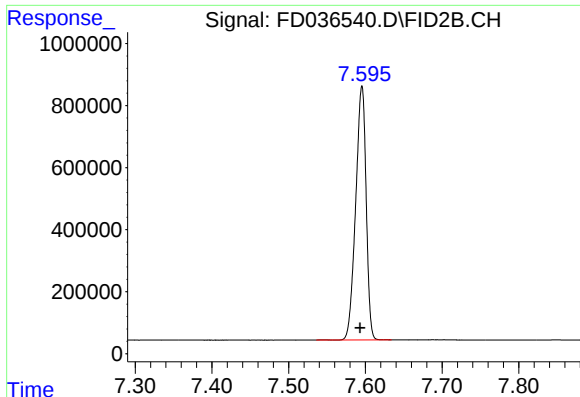
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Signal Info : 20M x 0.18mm x 0.18µm

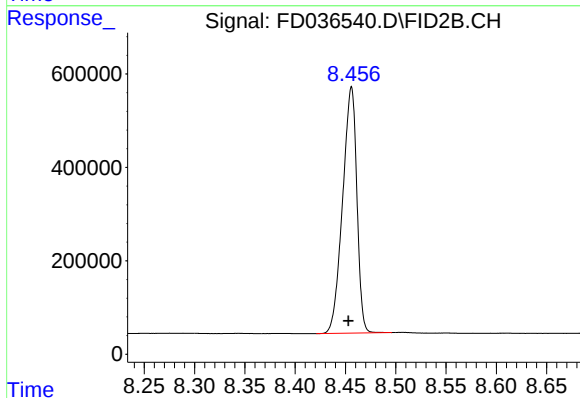




#4 2-Bromonaphthalene (SURRE)

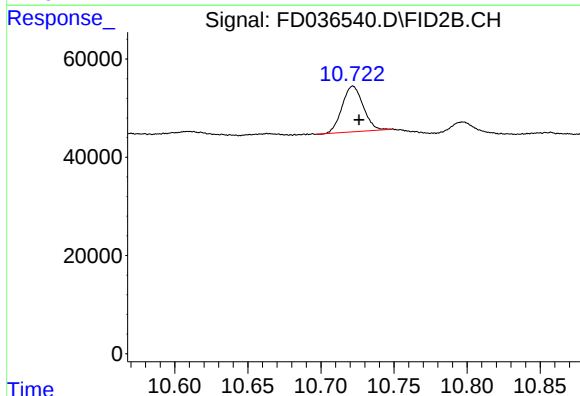
R.T.: 7.596 min
Delta R.T.: 0.002 min
Response: 7756116
Conc: 55.15 ug/ml

Instrument :
FID_D
ClientSampleId :



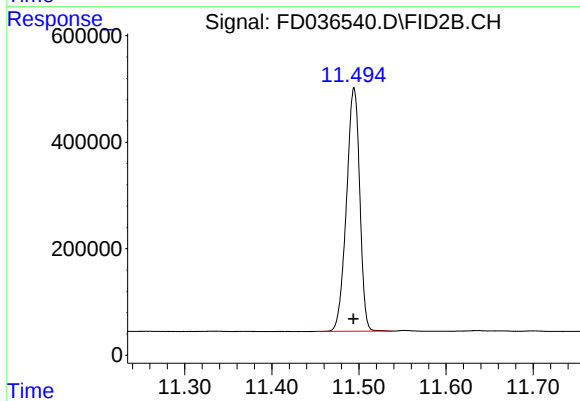
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 5198572
Conc: 55.38 ug/ml



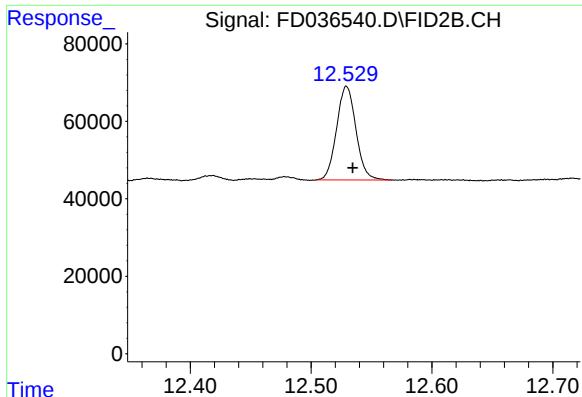
#9 Phenanthrene (C19.36)

R.T.: 10.722 min
Delta R.T.: -0.004 min
Response: 93422
Conc: 0.64 ug/ml



#11 ortho-Terphenyl (SURRE)

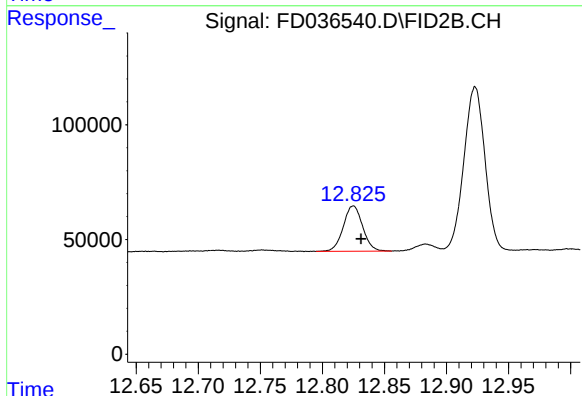
R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 4842973
Conc: 31.71 ug/ml



#12 Fluoranthene (C21.85)

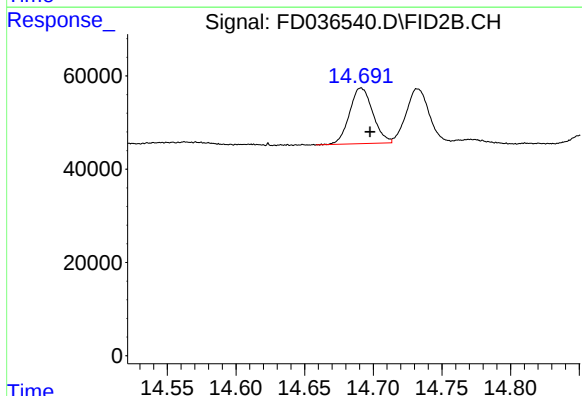
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 269828
Conc: 1.92 ug/ml

Instrument :
FID_D
ClientSampleId :



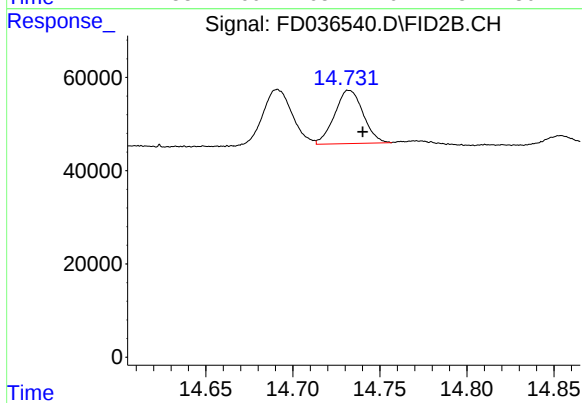
#13 Pyrene (C20.8)

R.T.: 12.825 min
Delta R.T.: -0.006 min
Response: 214079
Conc: 1.56 ug/ml



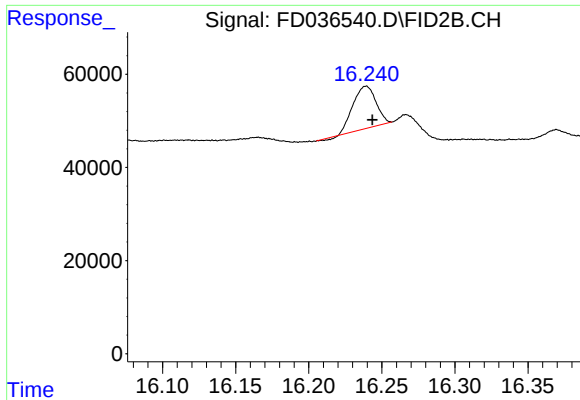
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.691 min
Delta R.T.: -0.007 min
Response: 140620
Conc: 1.18 ug/ml



#15 Chrysene (C27.41)

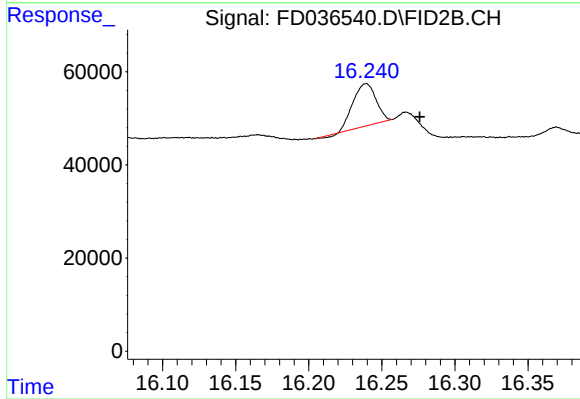
R.T.: 14.732 min
Delta R.T.: -0.008 min
Response: 130381
Conc: 1.08 ug/ml



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

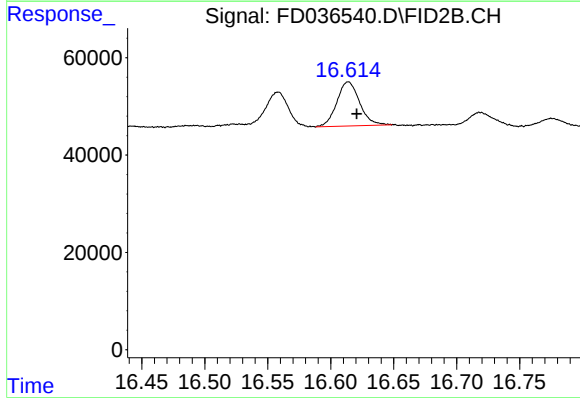
R.T.: 16.239 min
Delta R.T.: -0.004 min
Response: 97574
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.239 min
Delta R.T.: -0.037 min
Response: 97574
Conc: 0.92 ug/ml



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

R.T.: 16.614 min
Delta R.T.: -0.007 min
Response: 113910
Conc: 1.14 ug/ml