

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AL\
 Data File : FD040326.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 5:51
 Operator : AJ\MA
 Sample : M5254-01D
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 06:58:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.743	451373	2.897 ug/ml
Spiked Amount 50.000		Recovery =	5.79%
12) S 1-chlorooctadecane (S...	12.188	27978	0.232 ug/ml
Spiked Amount 50.000		Recovery =	0.46%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.159	34334	0.233 ug/ml
5) T A~2-methylnaphthalene...	6.197	36852	0.248 ug/ml
6) T n-Tetradecane (C14)	7.461f	143835	1.040 ug/ml
7) T n-Hexadecane (C16)	8.951	93281	0.680 ug/ml
8) T n-Octadecane (C18)	10.435	155827	1.103 ug/ml
10) T n-Eicosane (C20)	11.718	2101735	15.033 ug/ml
11) T n-Heneicosane (C21)	12.348	137943	0.975 ug/ml
13) T n-Docosane (C22)	12.911	231055	1.646 ug/ml
14) T n-Tetracosane (C24)	14.035	184169	1.312 ug/ml
16) T n-Octacosane (C28)	16.009	56060	0.412 ug/ml
17) T n-Tricontane (C30)	16.898	40563	0.303 ug/ml
18) T n-Dotriacontane (C32)	17.642	66508	0.514 ug/ml
19) T n-Tetratriacontane (C34)	18.458	87996	0.726 ug/ml

(f)=RT Delta > 1/2 Window

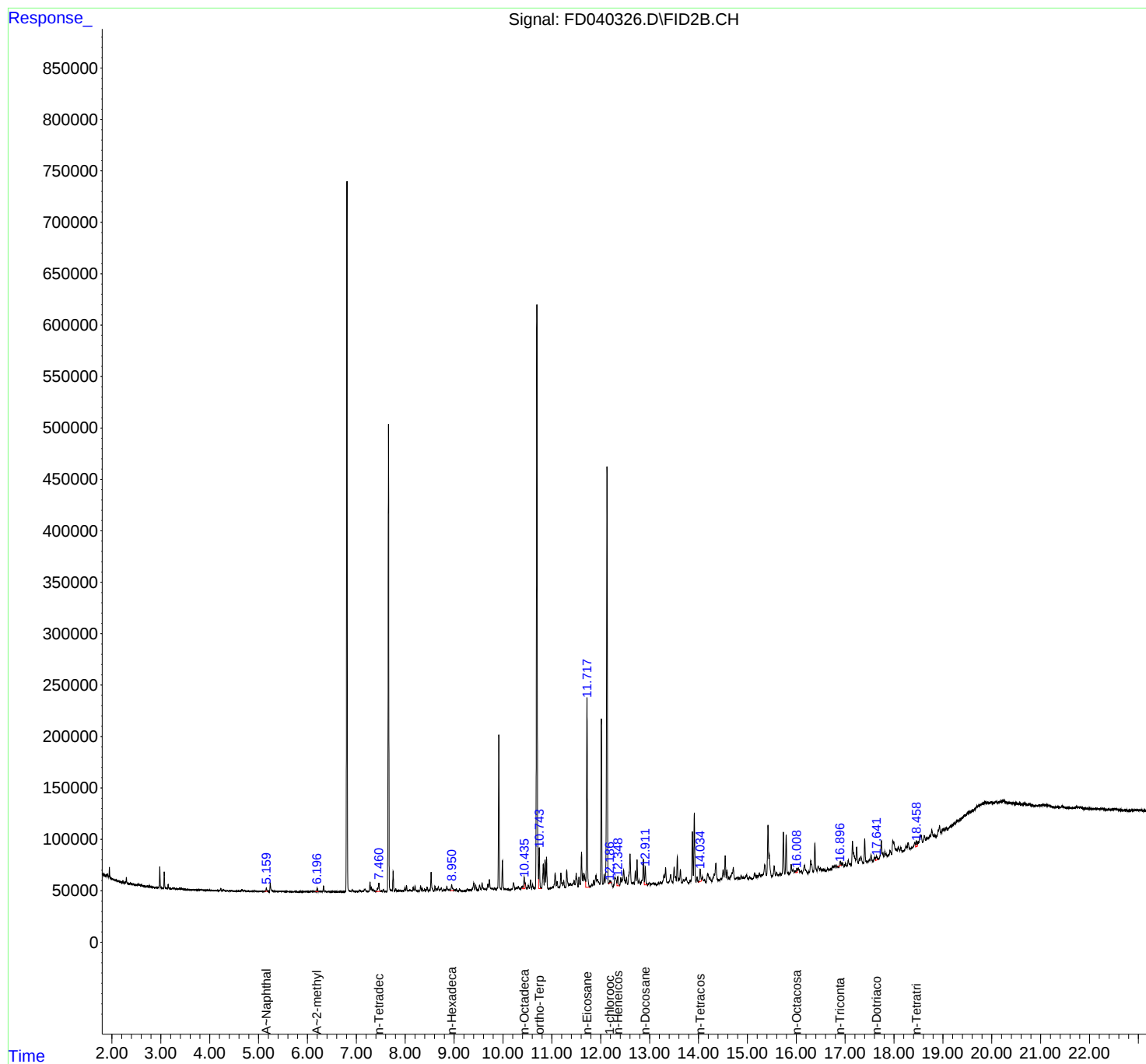
(m)=manual int.

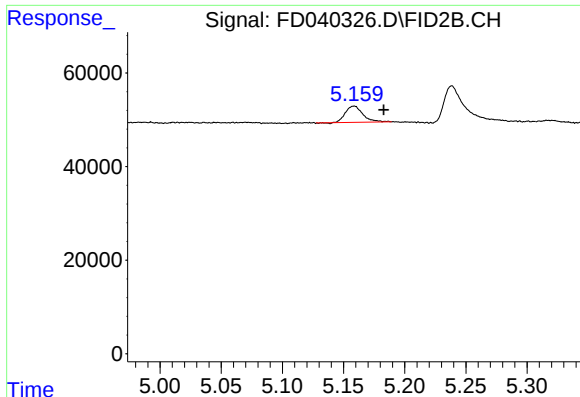
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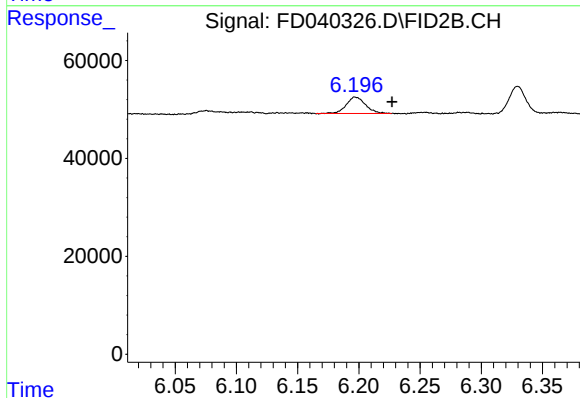




#3 A~Naphthalene (C11.7)

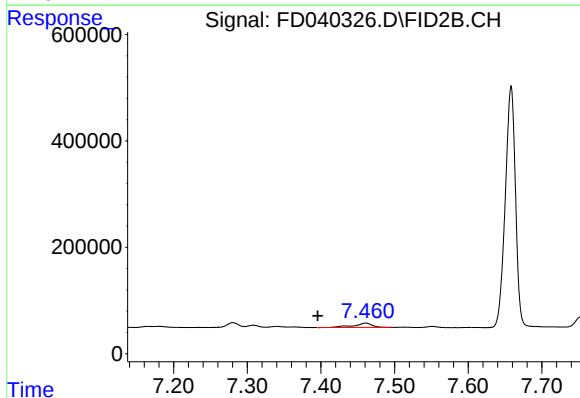
R.T.: 5.159 min
Delta R.T.: -0.024 min
Response: 34334
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



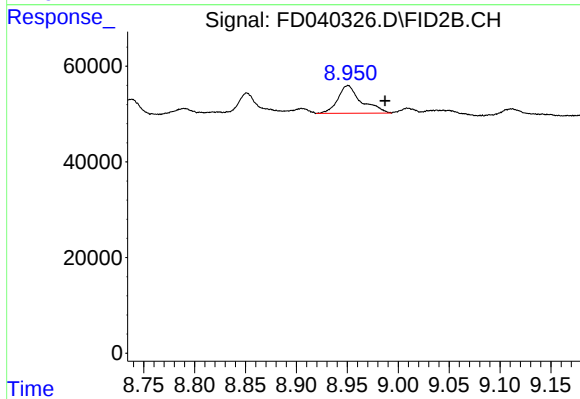
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.197 min
Delta R.T.: -0.030 min
Response: 36852
Conc: 0.25 ug/ml



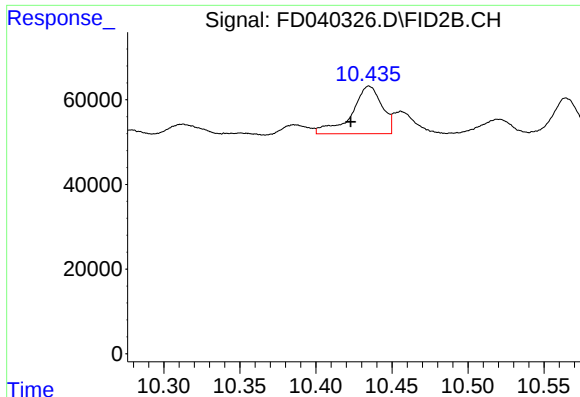
#6 n-Tetradecane (C14)

R.T.: 7.461 min
Delta R.T.: 0.065 min
Response: 143835
Conc: 1.04 ug/ml



#7 n-Hexadecane (C16)

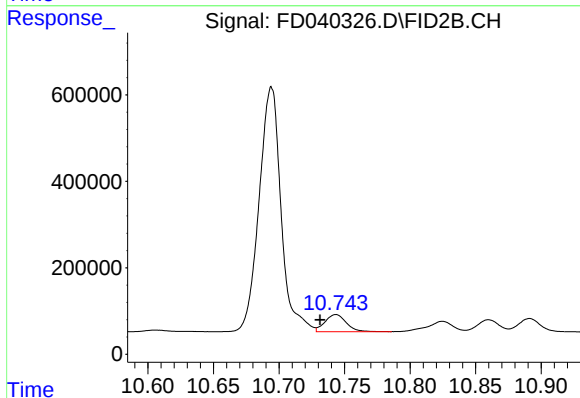
R.T.: 8.951 min
Delta R.T.: -0.036 min
Response: 93281
Conc: 0.68 ug/ml



#8 n-Octadecane (C18)

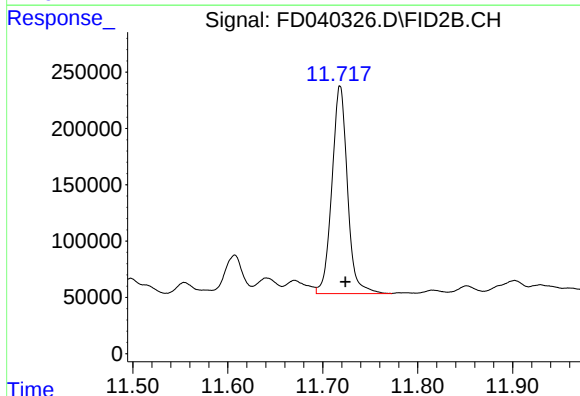
R.T.: 10.435 min
Delta R.T.: 0.012 min
Response: 155827
Conc: 1.10 ug/ml

Instrument :
FID_D
ClientSampleId :



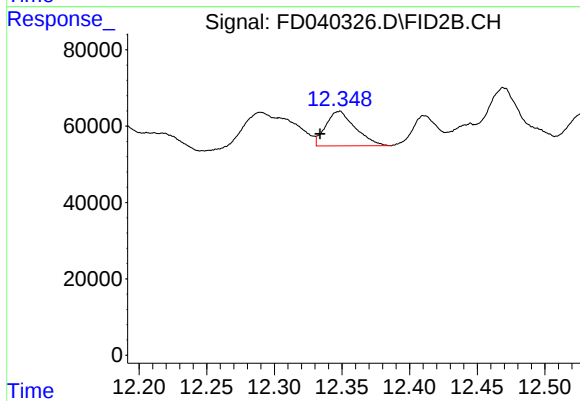
#9 ortho-Terphenyl (SURR)

R.T.: 10.743 min
Delta R.T.: 0.012 min
Response: 451373
Conc: 2.90 ug/ml



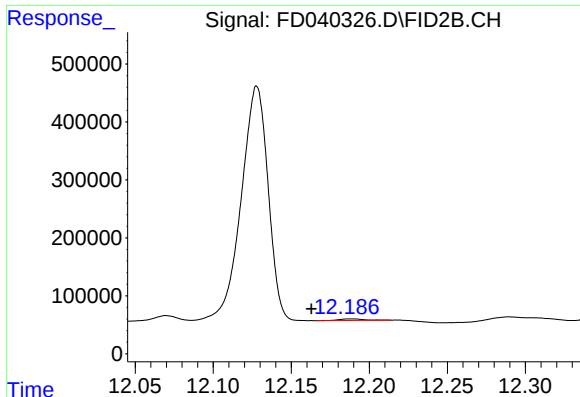
#10 n-Eicosane (C20)

R.T.: 11.718 min
Delta R.T.: -0.006 min
Response: 2101735
Conc: 15.03 ug/ml



#11 n-Heneicosane (C21)

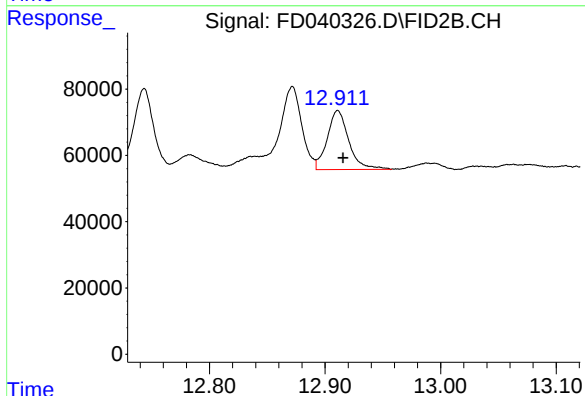
R.T.: 12.348 min
Delta R.T.: 0.014 min
Response: 137943
Conc: 0.97 ug/ml



#12 1-chlorooctadecane (SURR)

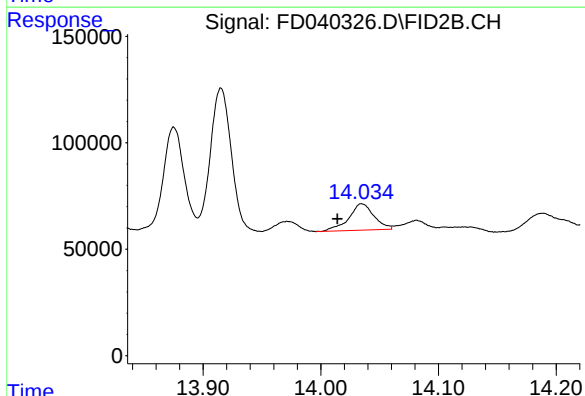
R.T.: 12.188 min
Delta R.T.: 0.025 min
Response: 27978
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



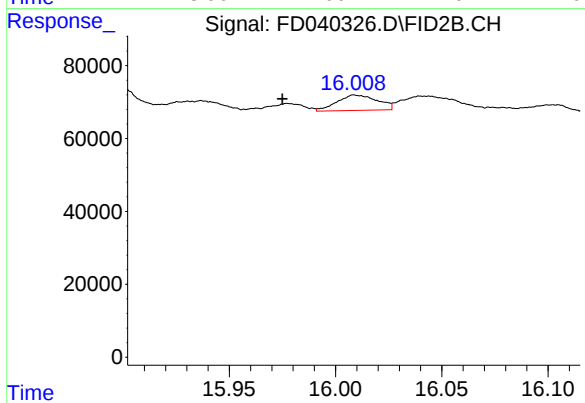
#13 n-Docosane (C22)

R.T.: 12.911 min
Delta R.T.: -0.005 min
Response: 231055
Conc: 1.65 ug/ml



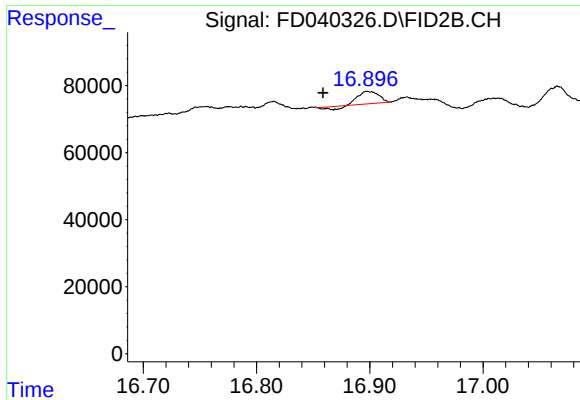
#14 n-Tetracosane (C24)

R.T.: 14.035 min
Delta R.T.: 0.021 min
Response: 184169
Conc: 1.31 ug/ml



#16 n-Octacosane (C28)

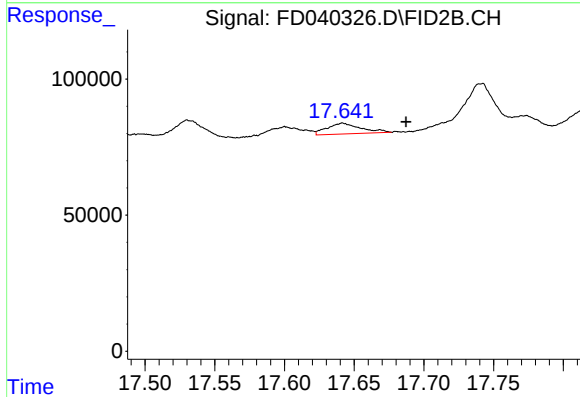
R.T.: 16.009 min
Delta R.T.: 0.034 min
Response: 56060
Conc: 0.41 ug/ml



#17 n-Tricontane (C30)

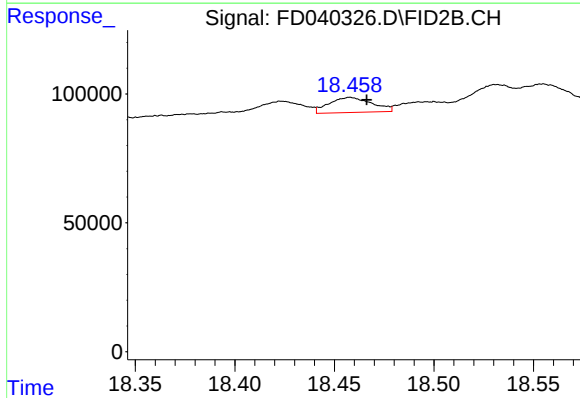
R.T.: 16.898 min
Delta R.T.: 0.039 min
Response: 40563
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 17.642 min
Delta R.T.: -0.045 min
Response: 66508
Conc: 0.51 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.458 min
Delta R.T.: -0.008 min
Response: 87996
Conc: 0.73 ug/ml