

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123024AL\
 Data File : FECCC02.D
 Signal(s) : FID1B.ch
 Acq On : 30 Dec 2024 21:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 07:07:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 30 09:52:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	12.100f	2907911	19.199 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.529f	2241176	19.265 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.505	2198168	18.952 ug/ml
2) T n-Decane (C10)	4.747	2293129	19.057 ug/ml
3) T A~Naphthalene (C11.7)	6.451	2656927	19.115 ug/ml
4) T n-Dodecane (C12)	6.901	2397409	19.082 ug/ml
5) T A~2-methylnaphthalene...	7.542	2616485	19.115 ug/ml
6) T n-Tetradecane (C14)	8.726	2460365	19.133 ug/ml
7) T n-Hexadecane (C16)	10.331	2610597	19.184 ug/ml
8) T n-Octadecane (C18)	11.774f	2688680	19.202 ug/ml
10) T n-Eicosane (C20)	13.083f	2608754	19.275 ug/ml
11) T n-Heneicosane (C21)	13.695f	2559556	19.215 ug/ml
13) T n-Docosane (C22)	14.281f	2566768	19.445 ug/ml
14) T n-Tetracosane (C24)	15.382f	2583593	19.911 ug/ml

(f)=RT Delta > 1/2 Window

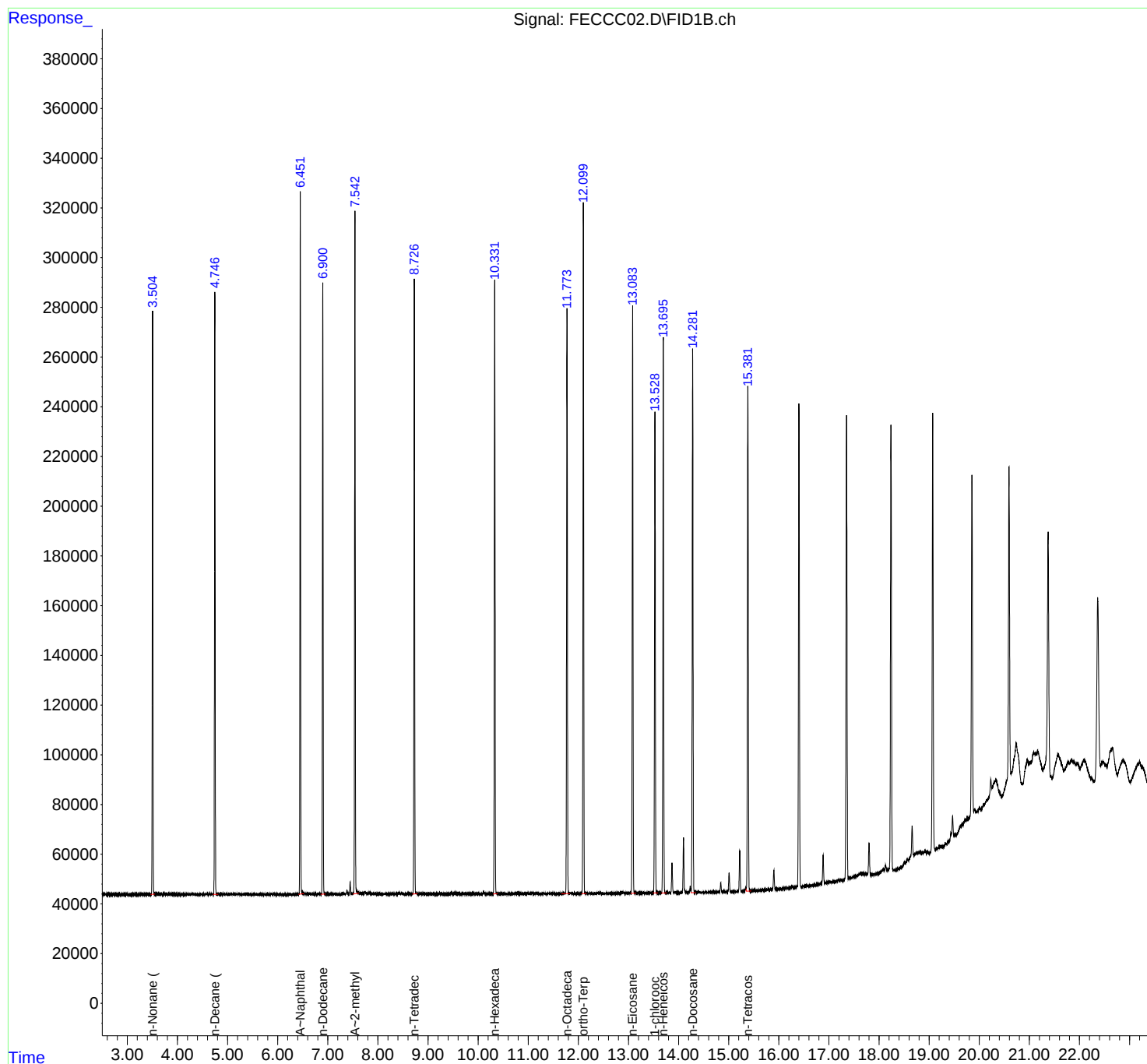
(m)=manual int.

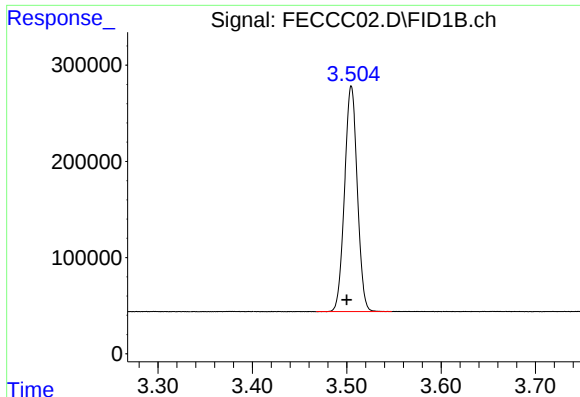
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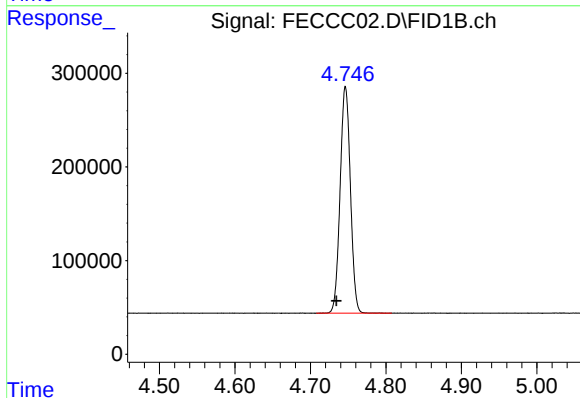




#1 n-Nonane (C9)

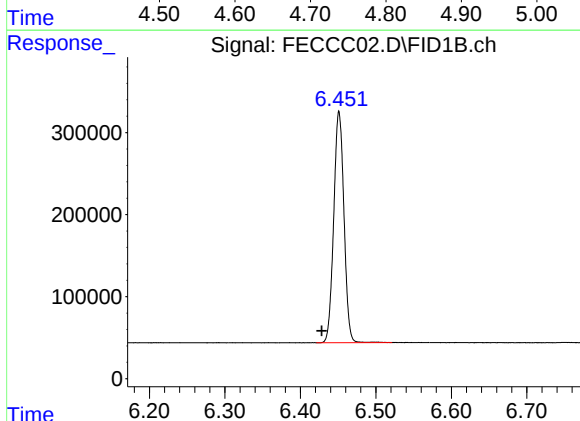
R.T.: 3.505 min
Delta R.T.: 0.005 min
Response: 2198168
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :



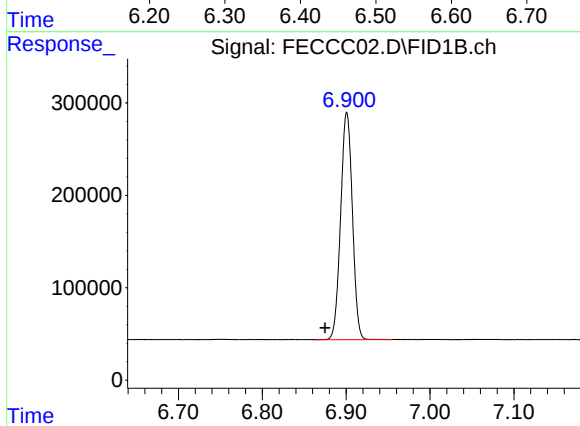
#2 n-Decane (C10)

R.T.: 4.747 min
Delta R.T.: 0.012 min
Response: 2293129
Conc: 19.06 ug/ml



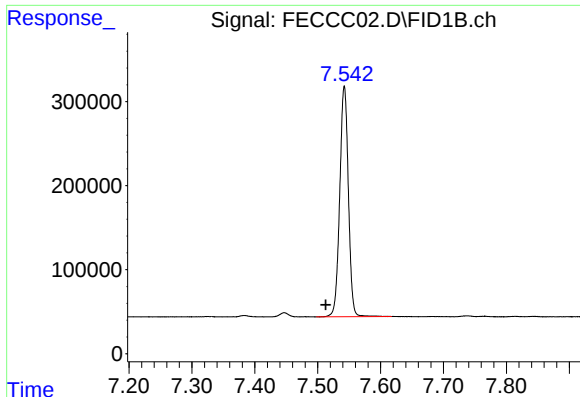
#3 A~Naphthalene (C11.7)

R.T.: 6.451 min
Delta R.T.: 0.023 min
Response: 2656927
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

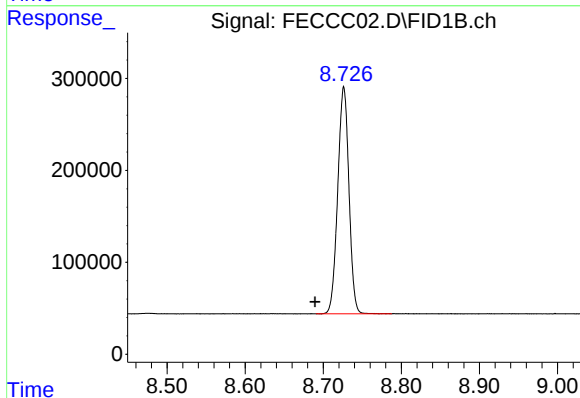
R.T.: 6.901 min
Delta R.T.: 0.026 min
Response: 2397409
Conc: 19.08 ug/ml



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

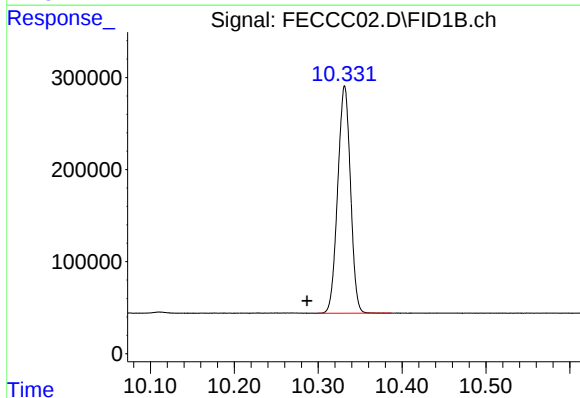
R.T.: 7.542 min
Delta R.T.: 0.029 min
Response: 2616485
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :



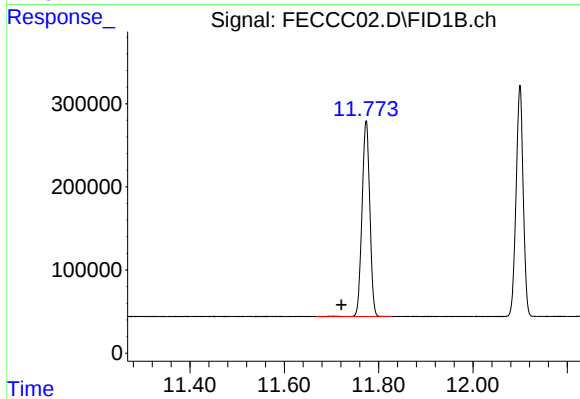
#6 n-Tetradecane (C14)

R.T.: 8.726 min
Delta R.T.: 0.037 min
Response: 2460365
Conc: 19.13 ug/ml



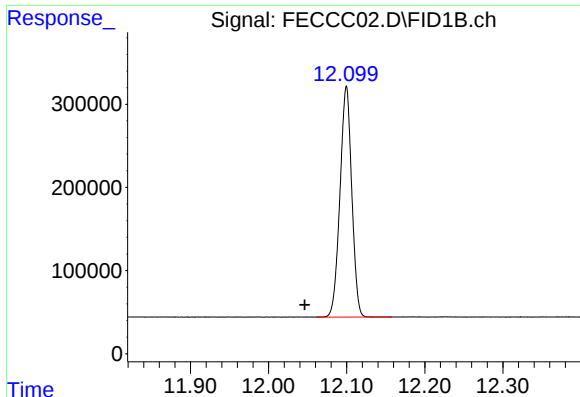
#7 n-Hexadecane (C16)

R.T.: 10.331 min
Delta R.T.: 0.045 min
Response: 2610597
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

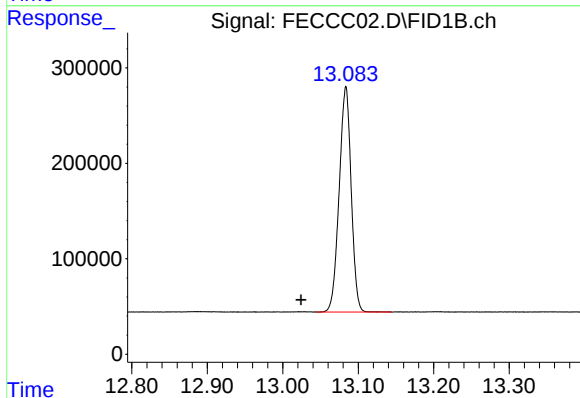
R.T.: 11.774 min
Delta R.T.: 0.052 min
Response: 2688680
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

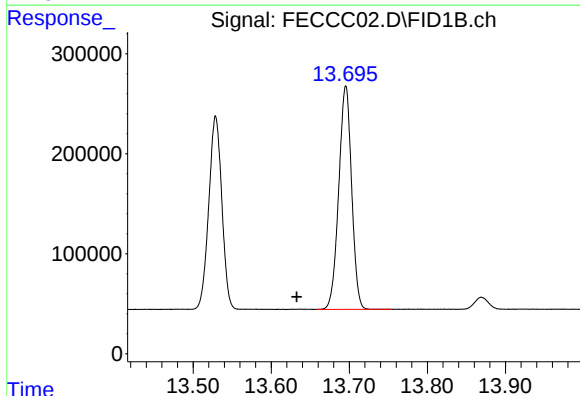
R.T.: 12.100 min
Delta R.T.: 0.053 min
Response: 2907911
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :



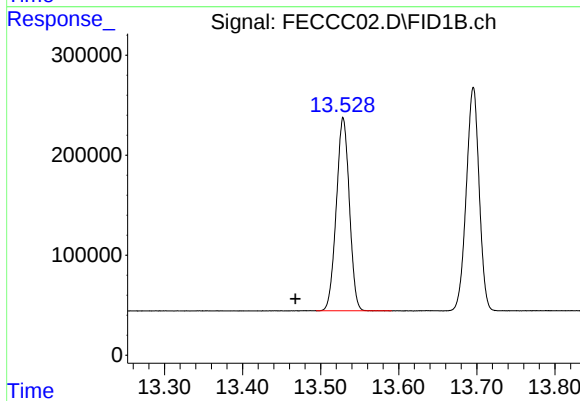
#10 n-Eicosane (C20)

R.T.: 13.083 min
Delta R.T.: 0.059 min
Response: 2608754
Conc: 19.27 ug/ml



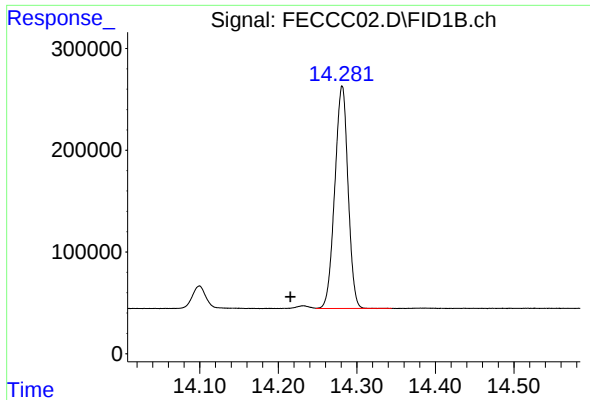
#11 n-Heneicosane (C21)

R.T.: 13.695 min
Delta R.T.: 0.063 min
Response: 2559556
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

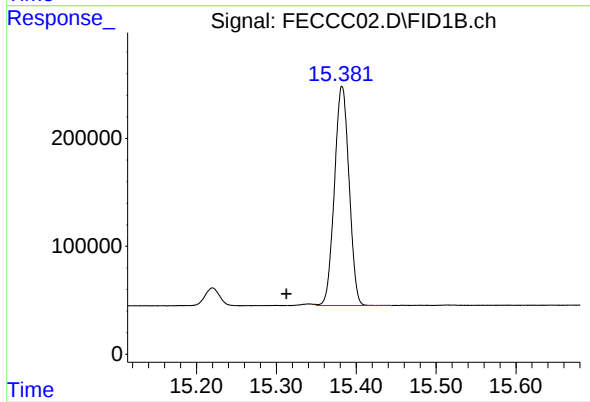
R.T.: 13.529 min
Delta R.T.: 0.061 min
Response: 2241176
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.066 min
Response: 2566768
Conc: 19.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.070 min
Response: 2583593
Conc: 19.91 ug/ml