

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042225AL\
 Data File : FE053485.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 01:18
 Operator : YP\AJ
 Sample : Q1851-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 DP6

Integration File: autoint1.e
 Quant Time: Apr 23 02:56:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 2025
 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)	11.876	6816047	37.791 ug/ml
Spiked Amount 50.000		Recovery =	75.58%
12) S 1-chlorooctadecane (S...	13.320	4994683	36.950 ug/ml
Spiked Amount 50.000		Recovery =	73.90%
Target Compounds			
6) T n-Tetradecane (C14)	8.497	392559	2.798 ug/ml
7) T n-Hexadecane (C16)	10.110	1275286	8.898 ug/ml
8) T n-Octadecane (C18)	11.559	2136025	14.657 ug/ml
10) T n-Eicosane (C20)	12.873	2342380	16.097 ug/ml
11) T n-Heneicosane (C21)	13.487	1591454	10.987 ug/ml
13) T n-Docosane (C22)	14.073	922418	6.392 ug/ml
14) T n-Tetracosane (C24)	15.179	271124	1.888 ug/ml

(f)=RT Delta > 1/2 Window

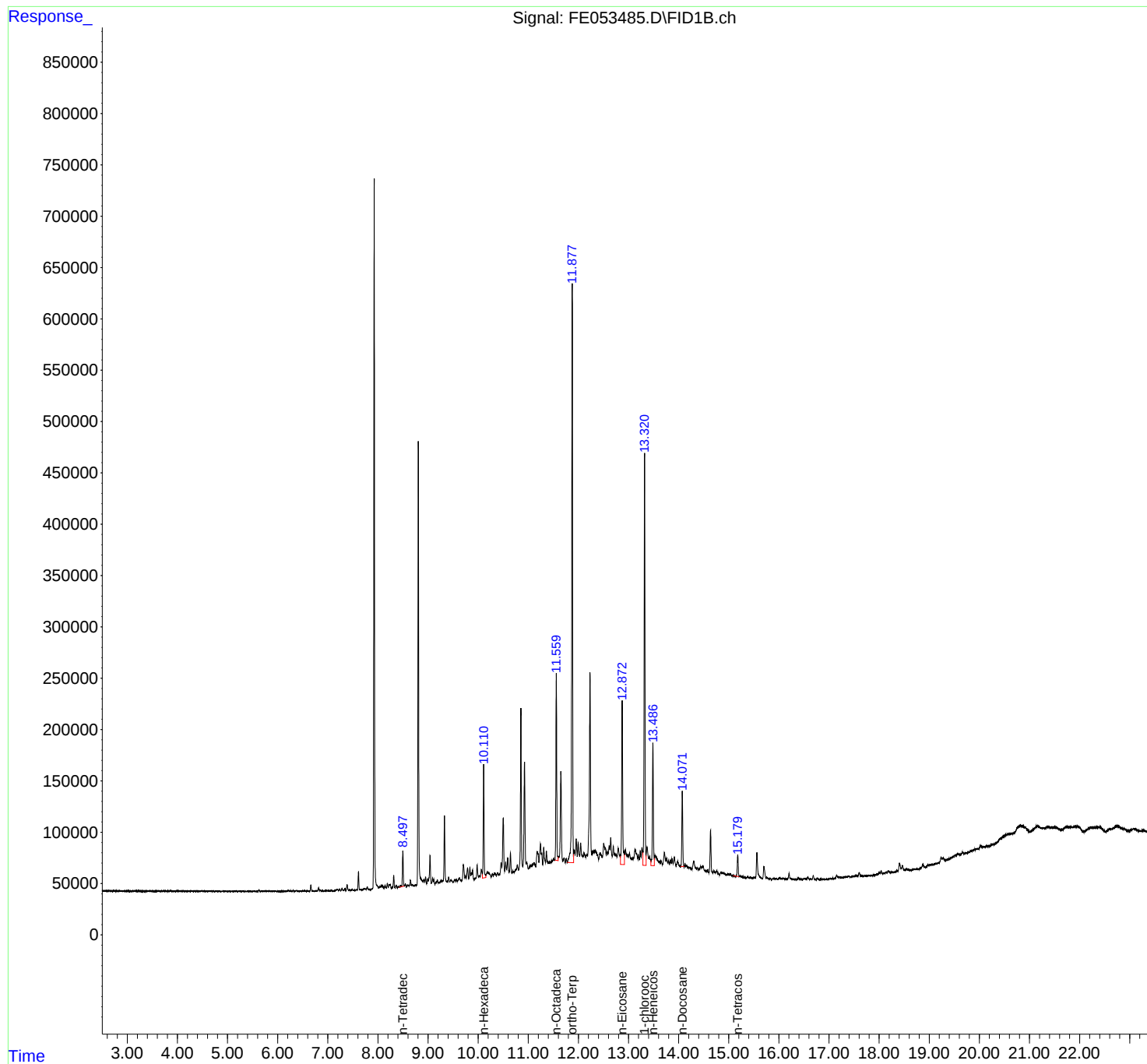
(m)=manual int.

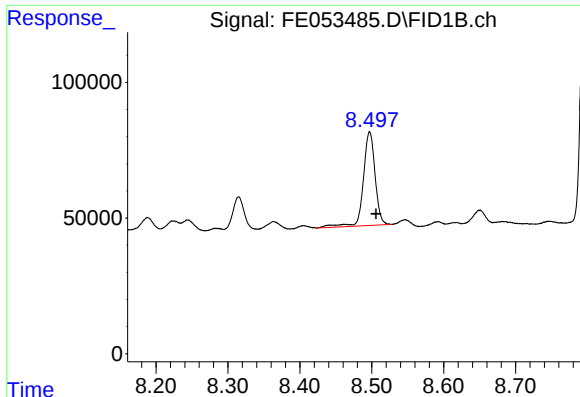
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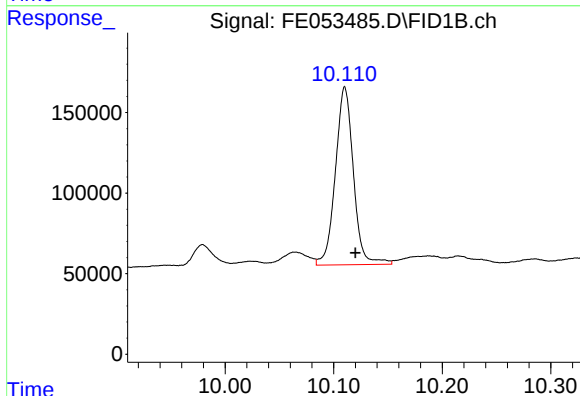




#6 n-Tetradecane (C14)

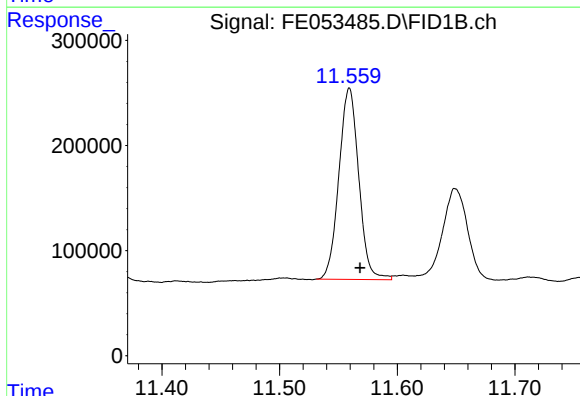
R.T.: 8.497 min
Delta R.T.: -0.009 min
Response: 392559
Conc: 2.80 ug/ml

Instrument :
FID_E
ClientSampleId :
DP6



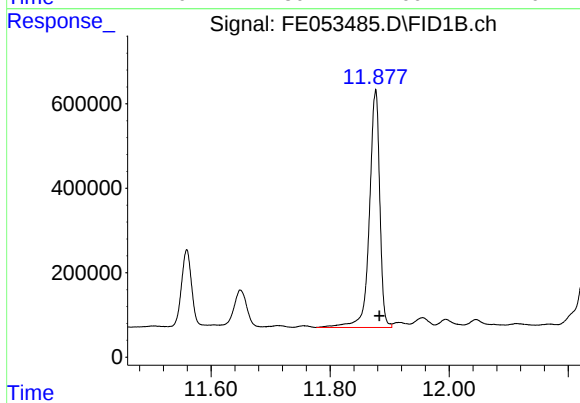
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.010 min
Response: 1275286
Conc: 8.90 ug/ml



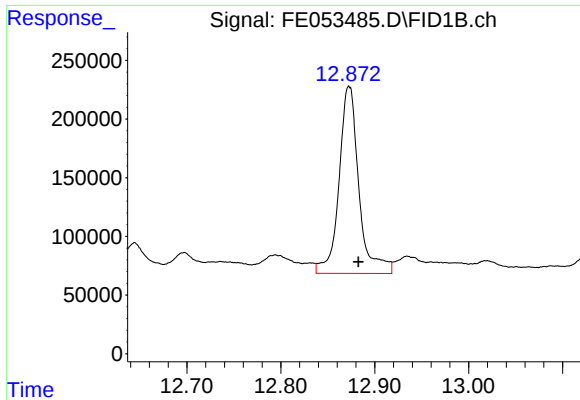
#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.009 min
Response: 2136025
Conc: 14.66 ug/ml



#9 ortho-Terphenyl (SURR)

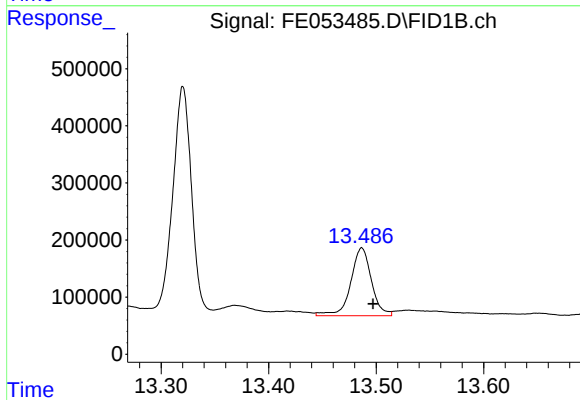
R.T.: 11.876 min
Delta R.T.: -0.007 min
Response: 6816047
Conc: 37.79 ug/ml



#10 n-Eicosane (C20)

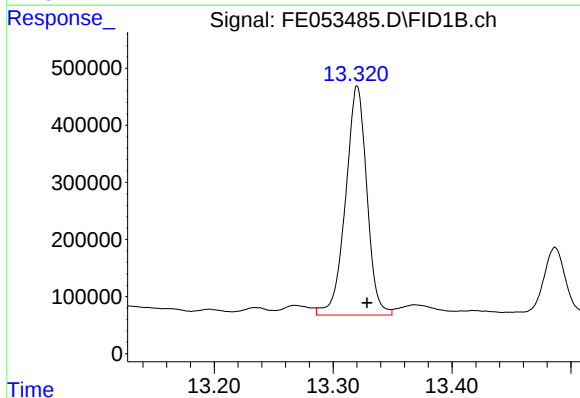
R.T.: 12.873 min
Delta R.T.: -0.010 min
Response: 2342380
Conc: 16.10 ug/ml

Instrument :
FID_E
ClientSampleId :
DP6



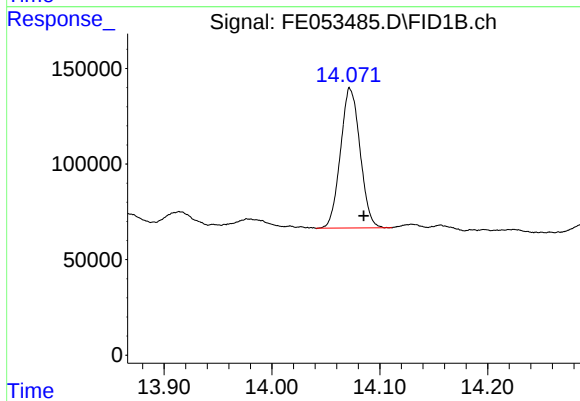
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.011 min
Response: 1591454
Conc: 10.99 ug/ml



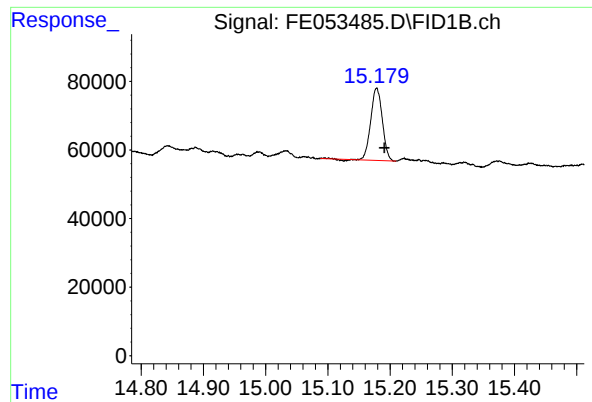
#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: -0.008 min
Response: 4994683
Conc: 36.95 ug/ml



#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: -0.012 min
Response: 922418
Conc: 6.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.013 min
Response: 271124
Conc: 1.89 ug/ml

Instrument :

FID_E

ClientSampleId :

DP6