

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
 Data File : FE053528.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2025 15:24
 Operator : YP\AJ
 Sample : Q1871-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-A-EPH

Integration File: autoint1.e
 Quant Time: Apr 25 23:10:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.872	5576057	30.916 ug/ml
Spiked Amount 50.000		Recovery =	61.83%
12) S 1-chlorooctadecane (S...	13.316	4911459	36.334 ug/ml
Spiked Amount 50.000		Recovery =	72.67%
Target Compounds			
5) T A~2-methylnaphthalene...	7.296	177098	1.186 ug/ml
6) T n-Tetradecane (C14)	8.568f	196964	1.404 ug/ml
7) T n-Hexadecane (C16)	10.115	403900	2.818 ug/ml
8) T n-Octadecane (C18)	11.630f	573446	3.935 ug/ml
10) T n-Eicosane (C20)	12.875	564269	3.878 ug/ml
11) T n-Heneicosane (C21)	13.504	462259	3.191 ug/ml
13) T n-Docosane (C22)	14.097	1109303	7.687 ug/ml
14) T n-Tetracosane (C24)	15.154	1860307	12.951 ug/ml
16) T n-Octacosane (C28)	17.161	432595	3.109 ug/ml

(f)=RT Delta > 1/2 Window

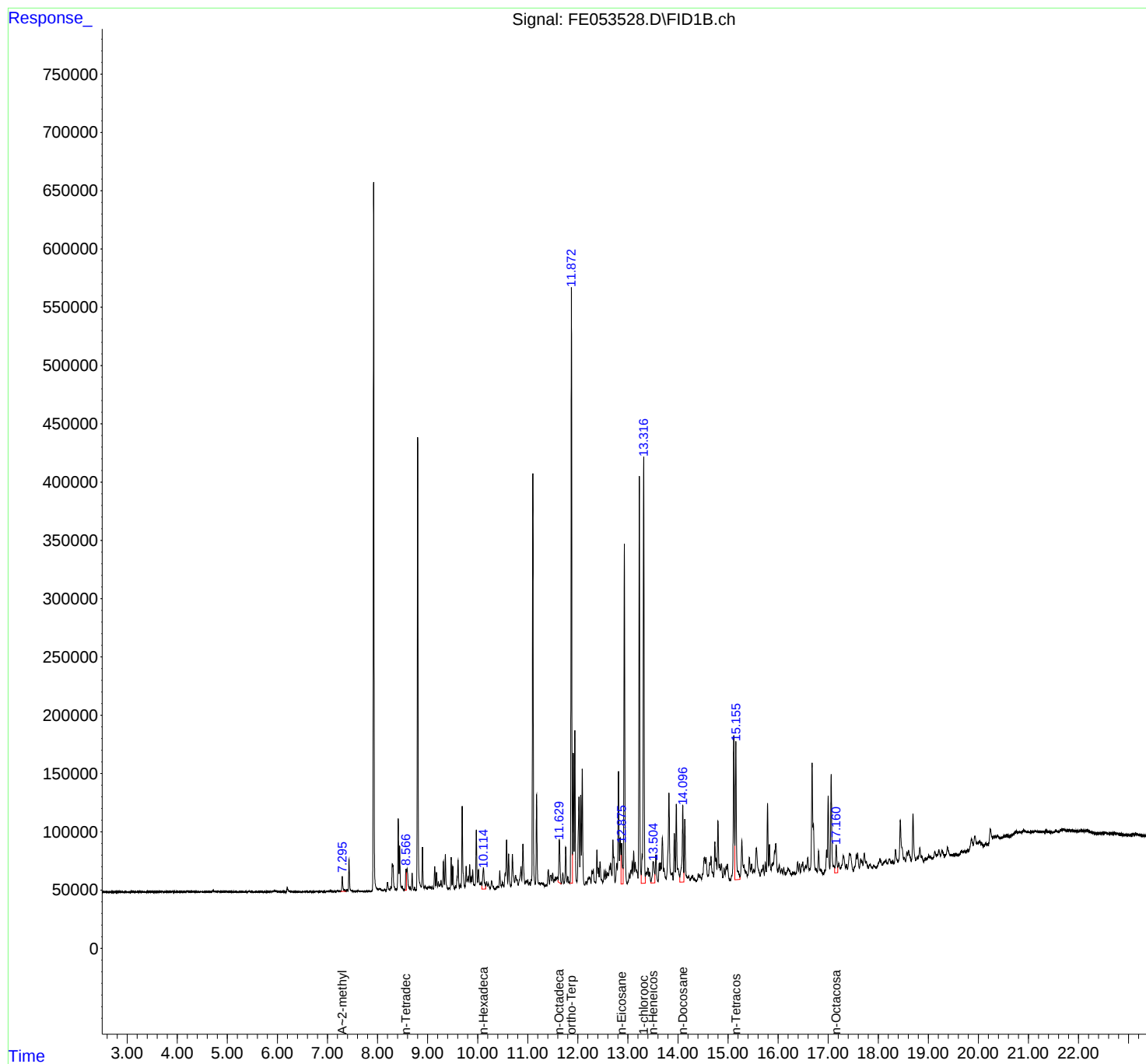
(m)=manual int.

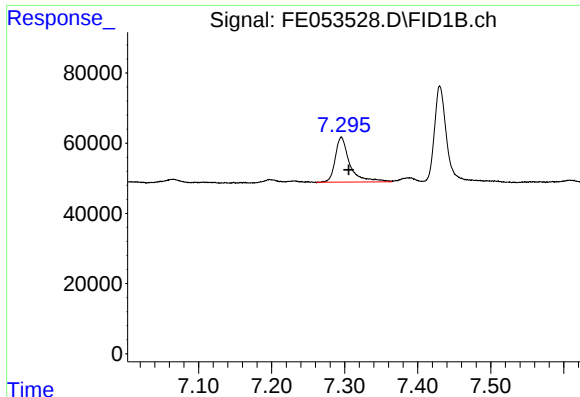
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Signal Info : 20M x 0.18mm x 0.18um

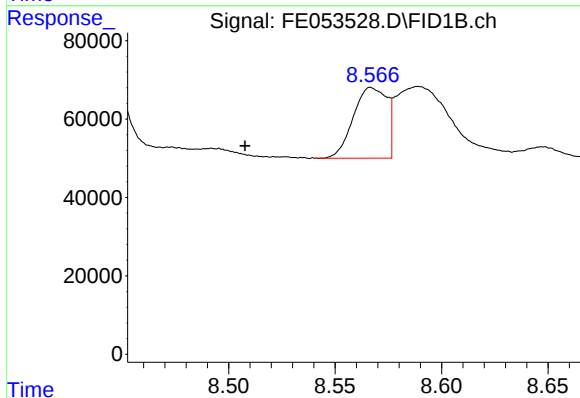




#5 A~2-methylnaphthalene (C12.89)

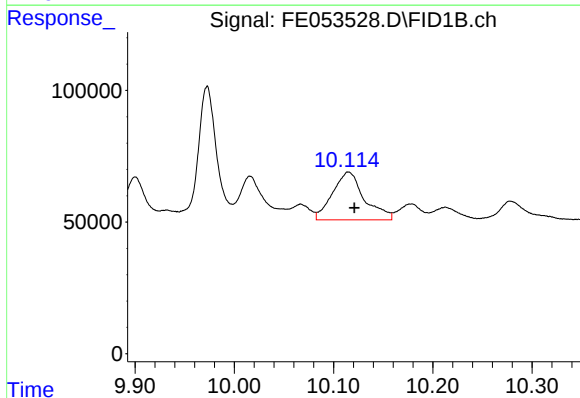
R.T.: 7.296 min
Delta R.T.: -0.010 min
Response: 177098
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-A-EPH



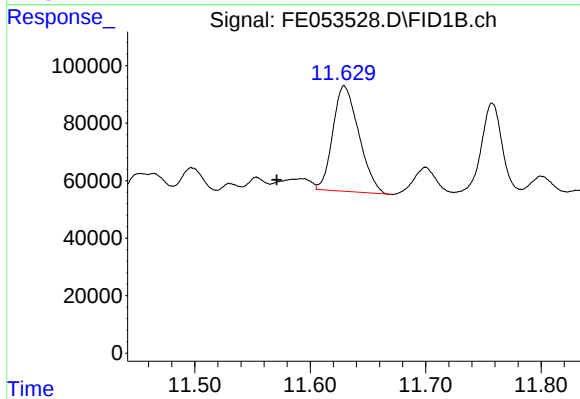
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: 0.060 min
Response: 196964
Conc: 1.40 ug/ml



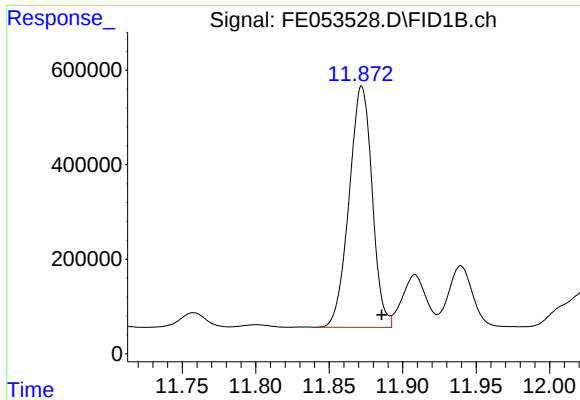
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.006 min
Response: 403900
Conc: 2.82 ug/ml



#8 n-Octadecane (C18)

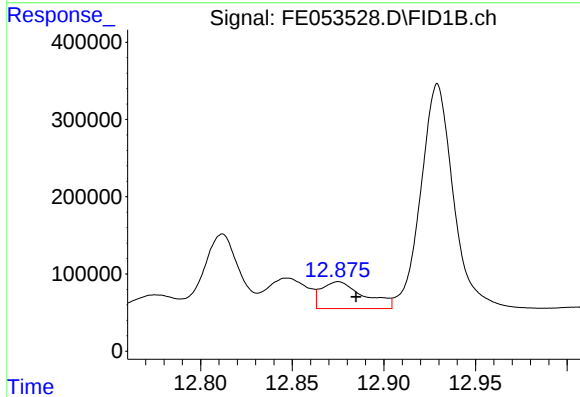
R.T.: 11.630 min
Delta R.T.: 0.059 min
Response: 573446
Conc: 3.93 ug/ml



#9 ortho-Terphenyl (SURR)

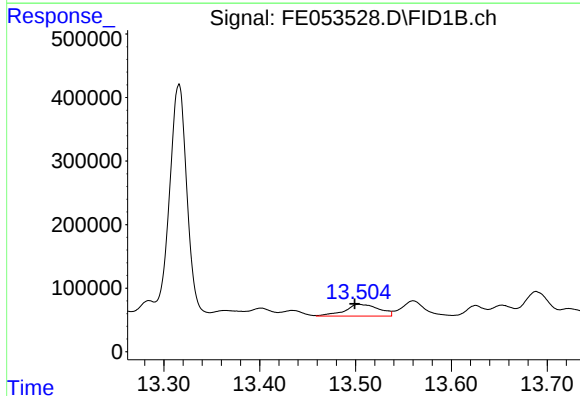
R.T.: 11.872 min
Delta R.T.: -0.014 min
Response: 5576057
Conc: 30.92 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-A-EPH



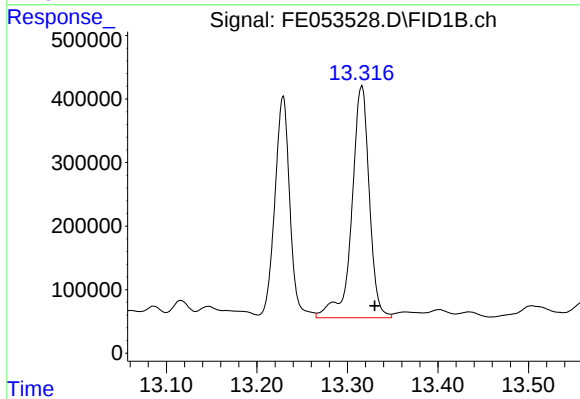
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.010 min
Response: 564269
Conc: 3.88 ug/ml



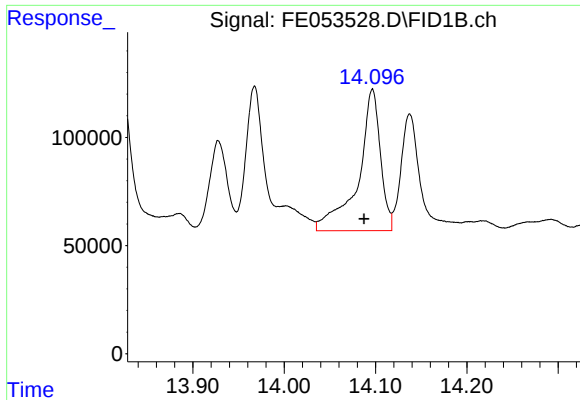
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: 0.005 min
Response: 462259
Conc: 3.19 ug/ml



#12 1-chlorooctadecane (SURR)

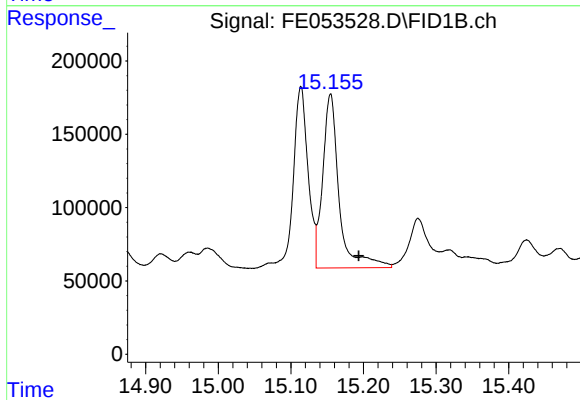
R.T.: 13.316 min
Delta R.T.: -0.015 min
Response: 4911459
Conc: 36.33 ug/ml



#13 n-Docosane (C22)

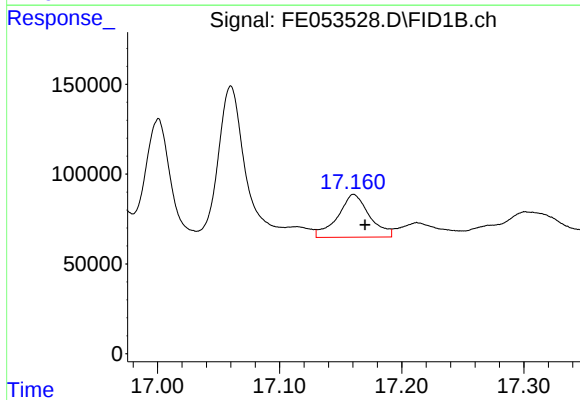
R.T.: 14.097 min
Delta R.T.: 0.009 min
Response: 1109303
Conc: 7.69 ug/ml

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#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.039 min
Response: 1860307
Conc: 12.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.161 min
Delta R.T.: -0.009 min
Response: 432595
Conc: 3.11 ug/ml