

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040925AL\
 Data File : FE053287.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 21:14
 Operator : YP\AJ
 Sample : Q1753-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1-EPH

Integration File: autoint1.e
 Quant Time: Apr 10 03:02:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.888	8234520	50.555 ug/ml
Spiked Amount 50.000		Recovery =	101.11%
12) S 1-chlorooctadecane (S...	13.333	6528711	54.386 ug/ml
Spiked Amount 50.000		Recovery =	108.77%
Target Compounds			
6) T n-Tetradecane (C14)	8.509	566853	3.702 ug/ml
7) T n-Hexadecane (C16)	10.122	85725	0.556 ug/ml
10) T n-Eicosane (C20)	12.953f	121282	0.851 ug/ml
13) T n-Docosane (C22)	14.086	128040	0.935 ug/ml
14) T n-Tetracosane (C24)	15.241	152519	1.129 ug/ml
16) T n-Octacosane (C28)	17.165	213118	1.615 ug/ml

(f)=RT Delta > 1/2 Window

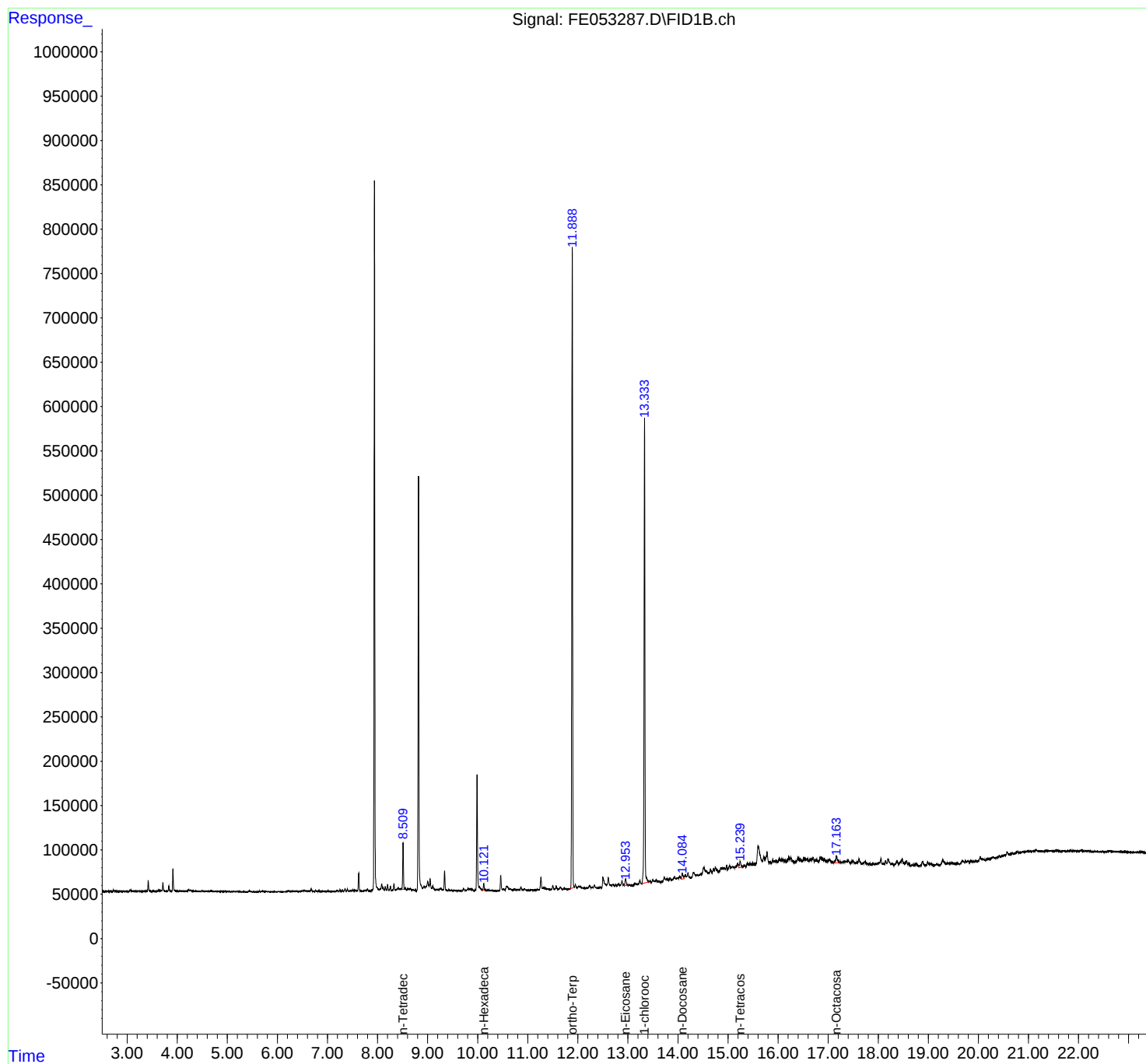
(m)=manual int.

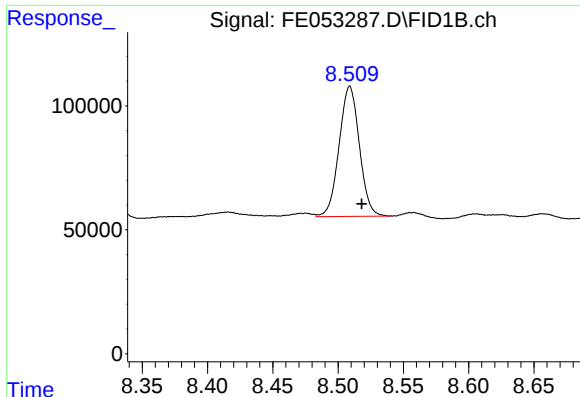
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Signal Info : 20M x 0.18mm x 0.18um

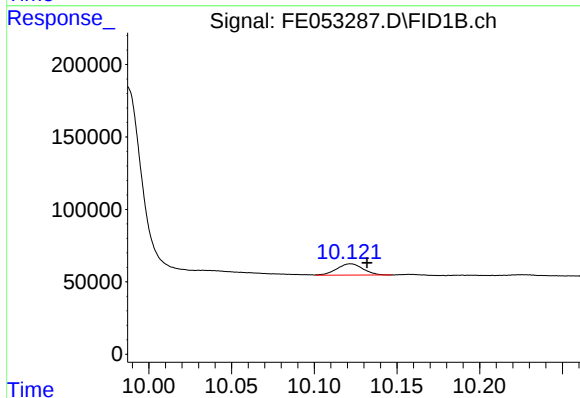




#6 n-Tetradecane (C14)

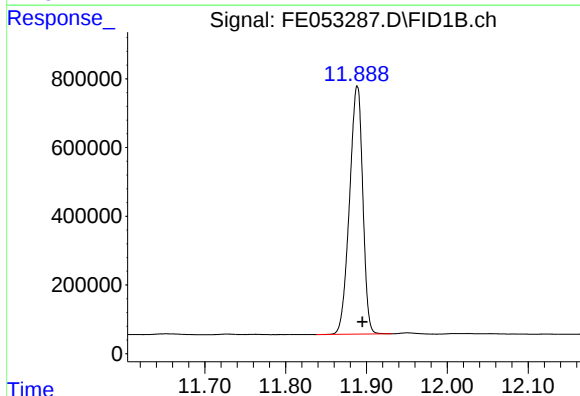
R.T.: 8.509 min
Delta R.T.: -0.009 min
Response: 566853
Conc: 3.70 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPH



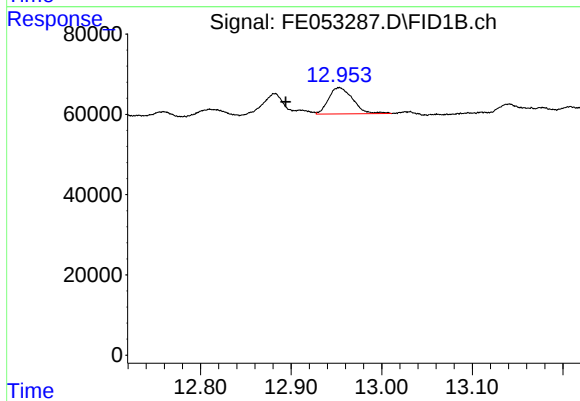
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.010 min
Response: 85725
Conc: 0.56 ug/ml



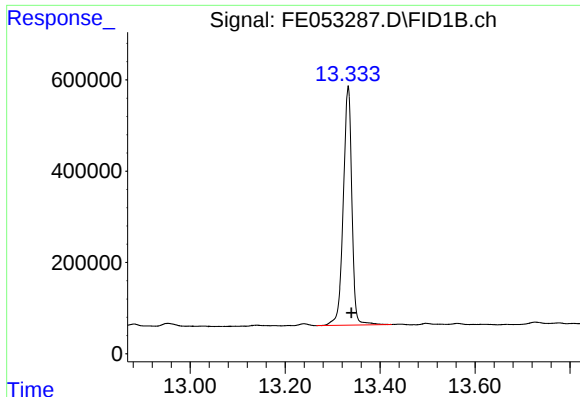
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.007 min
Response: 8234520
Conc: 50.55 ug/ml



#10 n-Eicosane (C20)

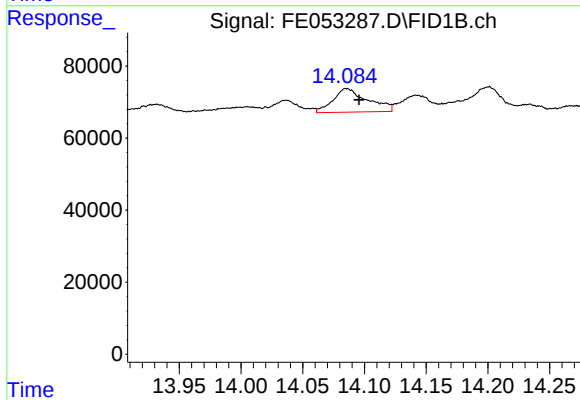
R.T.: 12.953 min
Delta R.T.: 0.059 min
Response: 121282
Conc: 0.85 ug/ml



#12 1-chlorooctadecane (SURR)

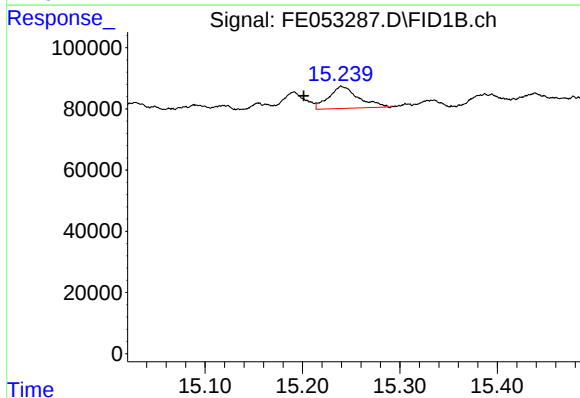
R.T.: 13.333 min
Delta R.T.: -0.007 min
Response: 6528711
Conc: 54.39 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1-EPH



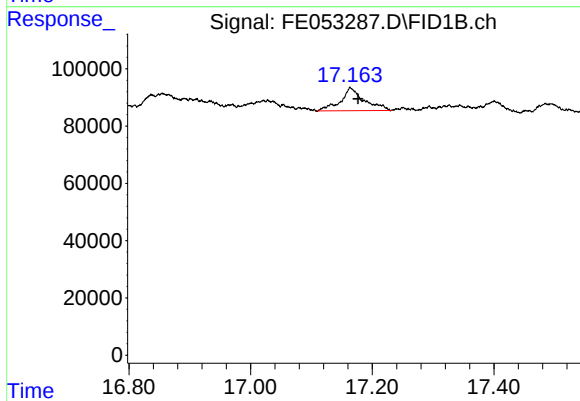
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.010 min
Response: 128040
Conc: 0.93 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.040 min
Response: 152519
Conc: 1.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: -0.012 min
Response: 213118
Conc: 1.61 ug/ml