

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053264.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 06:39
 Operator : YP\AJ
 Sample : Q1746-01D
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 08:11:39 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)	11.887	1965348	12.066 ug/ml
Spiked Amount 50.000		Recovery =	24.13%
12) S 1-chlorooctadecane (S...	13.335	6764172	56.347 ug/ml
Spiked Amount 50.000		Recovery =	112.69%
Target Compounds			
6) T n-Tetradecane (C14)	8.510	106132	0.693 ug/ml
7) T n-Hexadecane (C16)	10.124	92449	0.600 ug/ml
8) T n-Octadecane (C18)	11.571	110954	0.732 ug/ml
10) T n-Eicosane (C20)	12.885	122909	0.862 ug/ml
13) T n-Docosane (C22)	14.087	96656	0.706 ug/ml
17) T n-Tricontane (C30)	18.056	144593	1.067 ug/ml
18) T n-Dotriacontane (C32)	18.890	195853	1.455 ug/ml
19) T n-Tetratriacontane (C34)	19.675	217248	1.679 ug/ml
20) T n-Hexatriacontane (C36)	20.418	157356	1.325 ug/ml

(f)=RT Delta > 1/2 Window

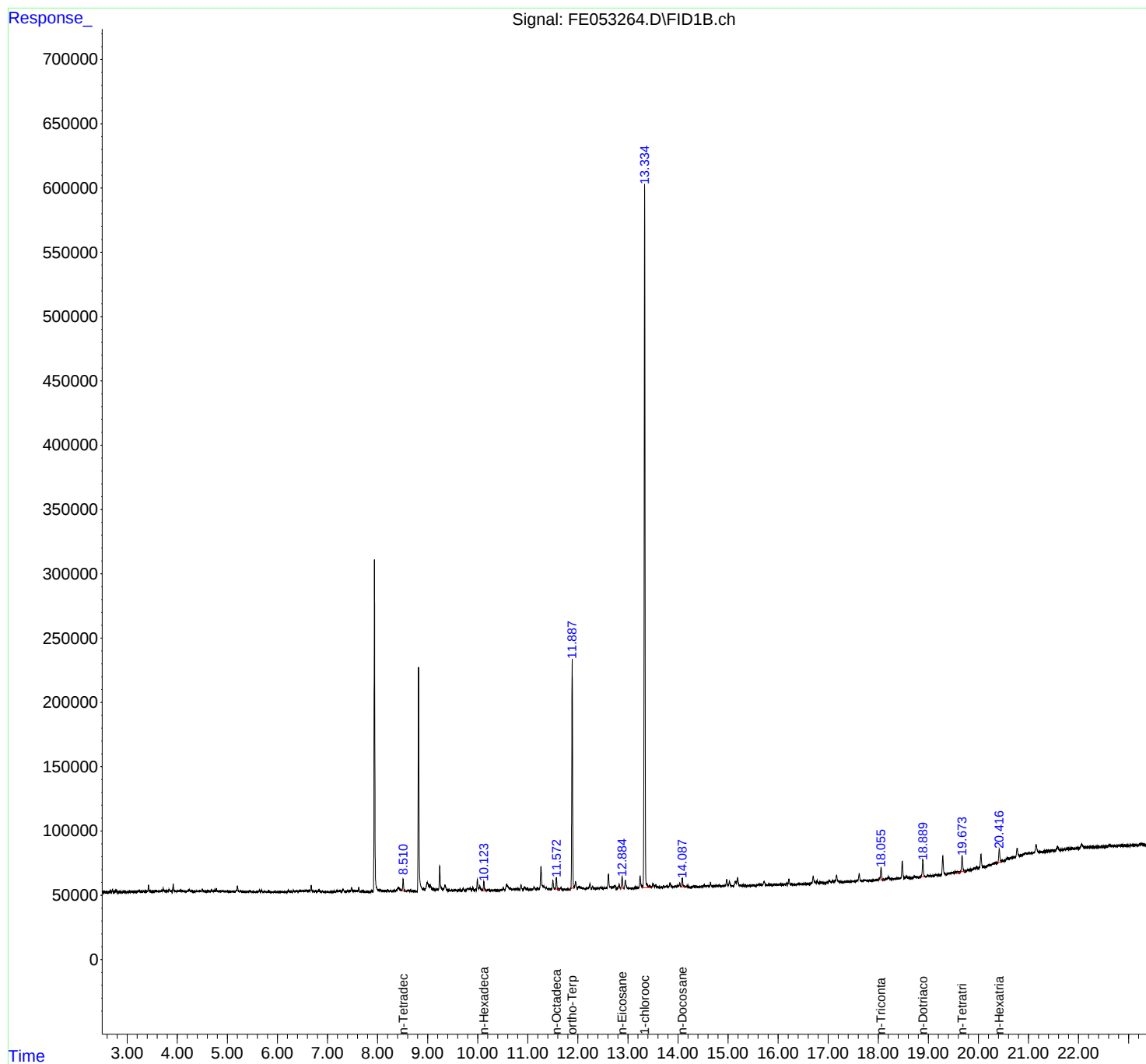
(m)=manual int.

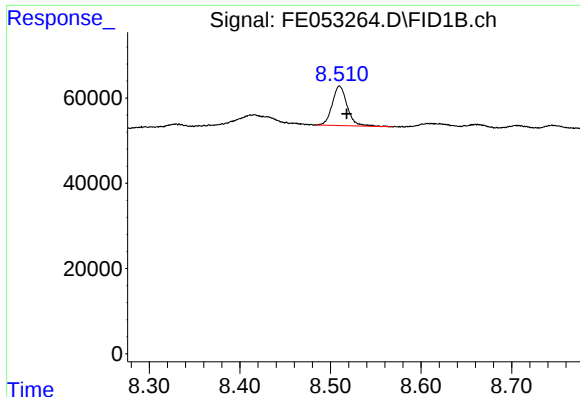
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Signal Info : 20M x 0.18mm x 0.18um

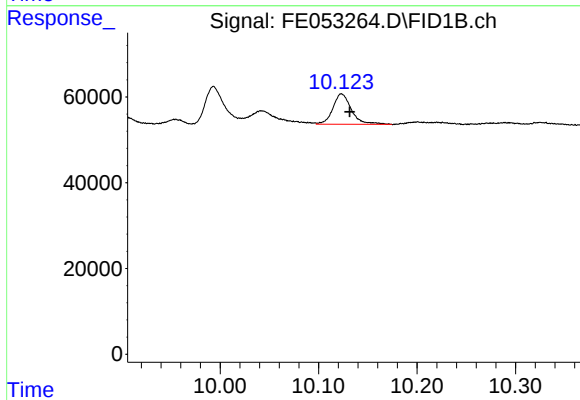




#6 n-Tetradecane (C14)

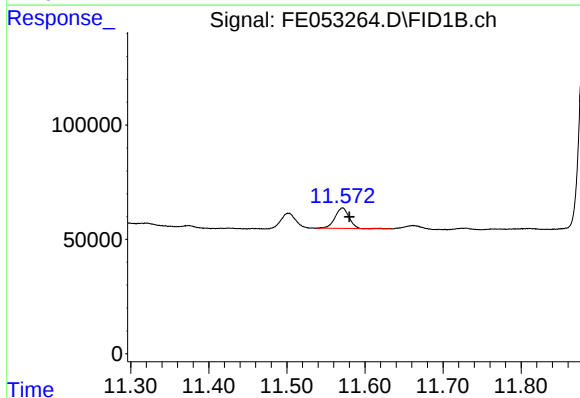
R.T.: 8.510 min
Delta R.T.: -0.008 min
Response: 106132
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :



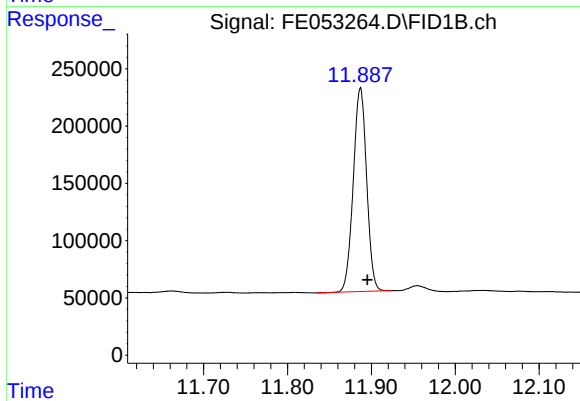
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.008 min
Response: 92449
Conc: 0.60 ug/ml



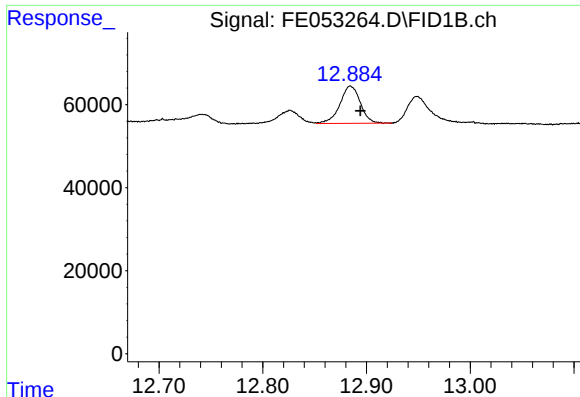
#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.009 min
Response: 110954
Conc: 0.73 ug/ml



#9 ortho-Terphenyl (SURR)

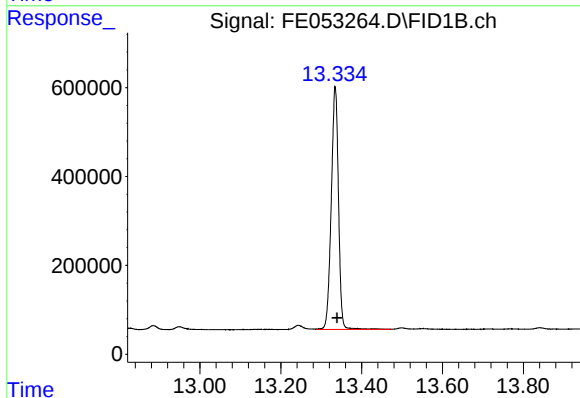
R.T.: 11.887 min
Delta R.T.: -0.008 min
Response: 1965348
Conc: 12.07 ug/ml



#10 n-Eicosane (C20)

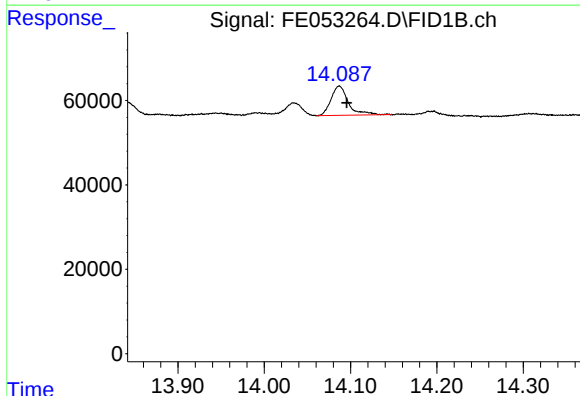
R.T.: 12.885 min
Delta R.T.: -0.009 min
Response: 122909
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



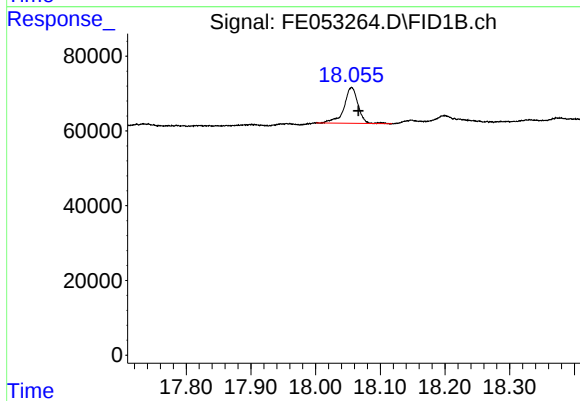
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 6764172
Conc: 56.35 ug/ml



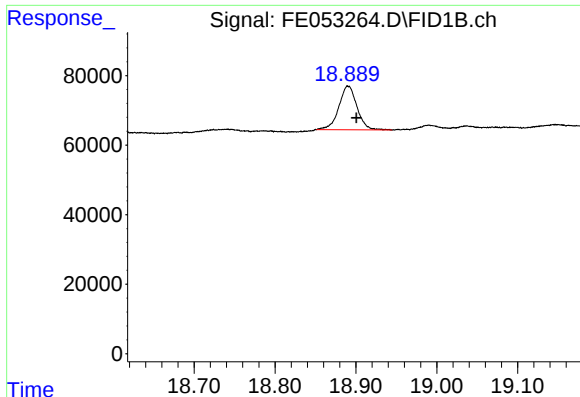
#13 n-Docosane (C22)

R.T.: 14.087 min
Delta R.T.: -0.009 min
Response: 96656
Conc: 0.71 ug/ml



#17 n-Tricontane (C30)

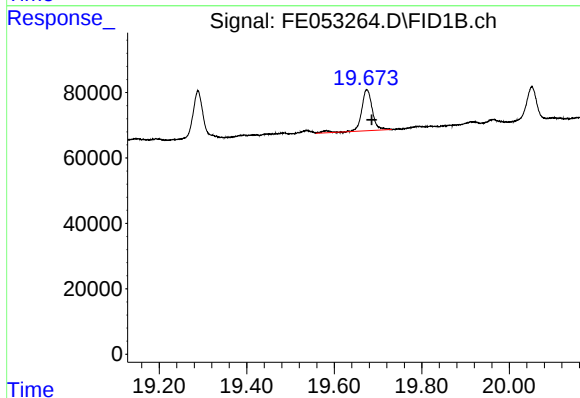
R.T.: 18.056 min
Delta R.T.: -0.011 min
Response: 144593
Conc: 1.07 ug/ml



#18 n-Dotriacontane (C32)

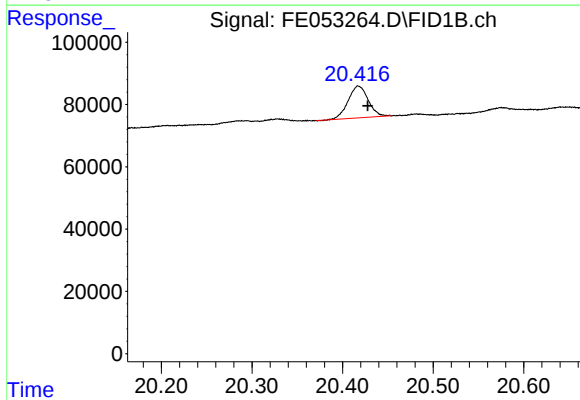
R.T.: 18.890 min
Delta R.T.: -0.010 min
Response: 195853
Conc: 1.46 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetatriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.011 min
Response: 217248
Conc: 1.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.010 min
Response: 157356
Conc: 1.32 ug/ml