

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050137.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 08:10
 Operator : YP\AJ
 Sample : P3989-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 01:26:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.875	2324289	15.622 ug/ml
Spiked Amount 50.000		Recovery =	31.24%
12) S 1-chlorooctadecane (S...	13.310	1936754	17.242 ug/ml
Spiked Amount 50.000		Recovery =	34.48%
Target Compounds			
8) T n-Octadecane (C18)	11.552	54184	0.387 ug/ml
10) T n-Eicosane (C20)	12.862	50701	0.378 ug/ml
13) T n-Docosane (C22)	14.061	30069	0.231 ug/ml
14) T n-Tetracosane (C24)	15.159	328119	2.513 ug/ml
16) T n-Octacosane (C28)	17.131	35272	0.274 ug/ml
17) T n-Tricontane (C30)	18.019	135977	1.017 ug/ml
18) T n-Dotriacontane (C32)	18.849	132106	0.991 ug/ml
19) T n-Tetratriacontane (C34)	19.634	68291	0.553 ug/ml
20) T n-Hexatriacontane (C36)	20.373	79614	0.718 ug/ml

(f)=RT Delta > 1/2 Window

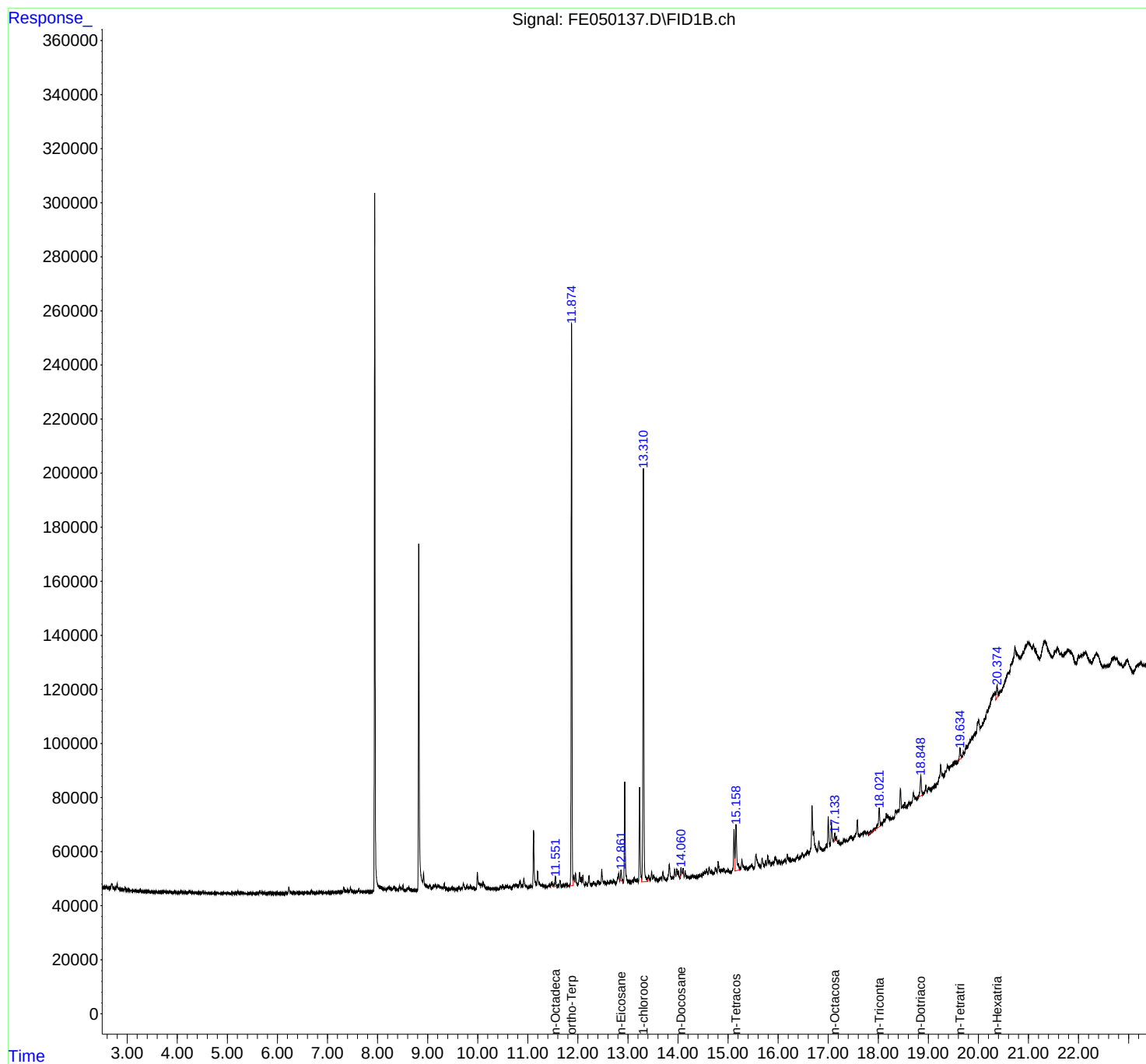
(m)=manual int.

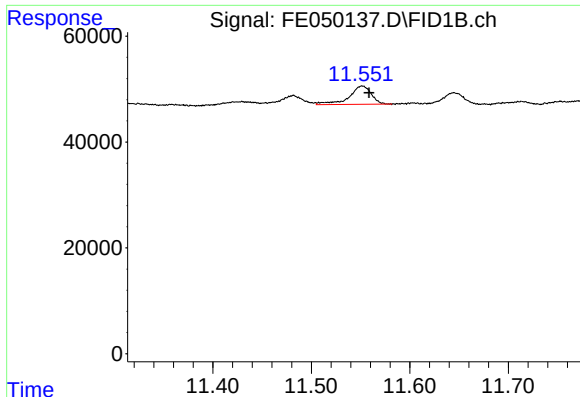
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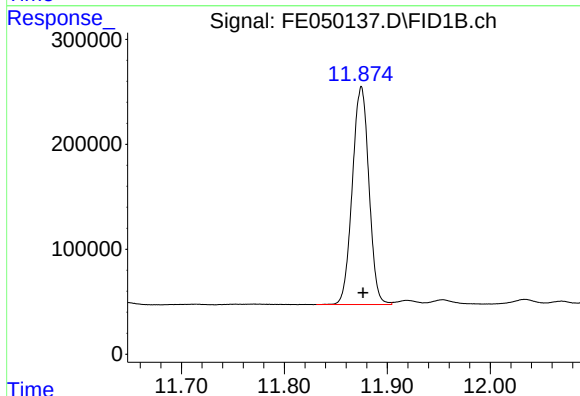




#8 n-Octadecane (C18)

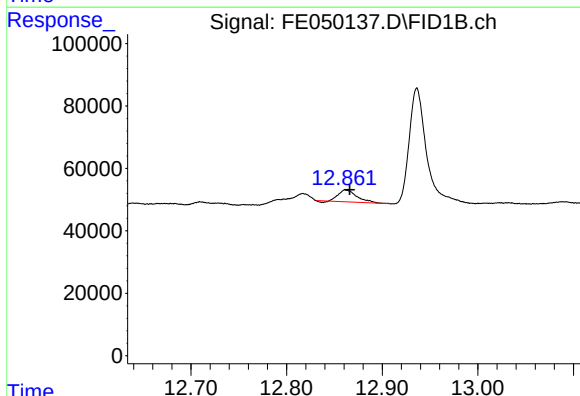
R.T.: 11.552 min
Delta R.T.: -0.007 min
Response: 54184
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :



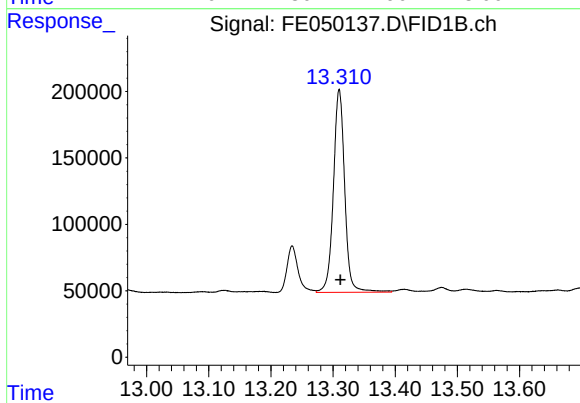
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.002 min
Response: 2324289
Conc: 15.62 ug/ml



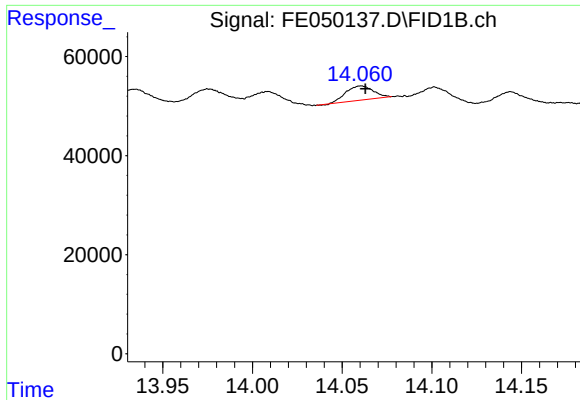
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.004 min
Response: 50701
Conc: 0.38 ug/ml



#12 1-chlorooctadecane (SURR)

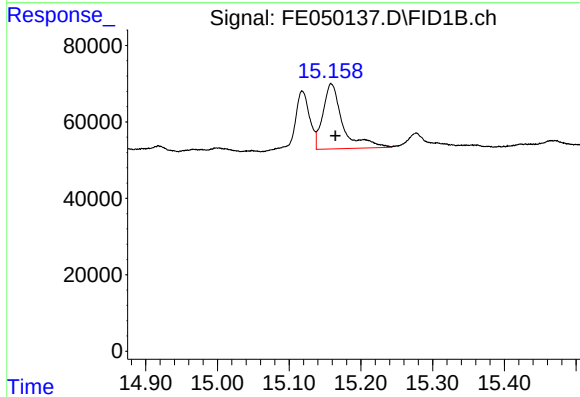
R.T.: 13.310 min
Delta R.T.: -0.002 min
Response: 1936754
Conc: 17.24 ug/ml



#13 n-Docosane (C22)

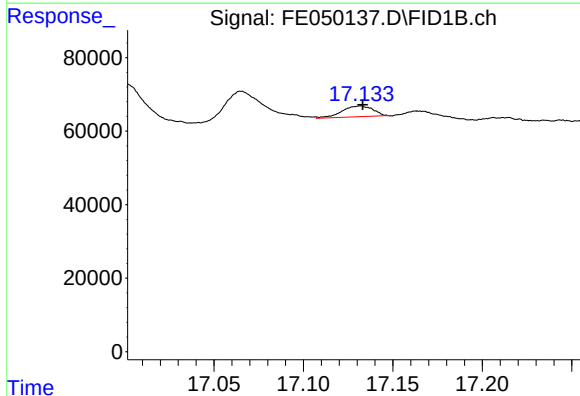
R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 30069
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



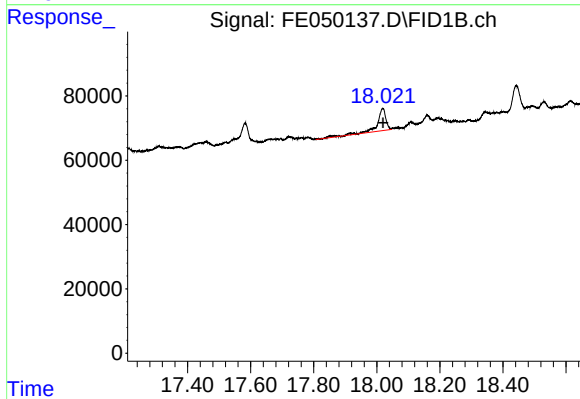
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.005 min
Response: 328119
Conc: 2.51 ug/ml



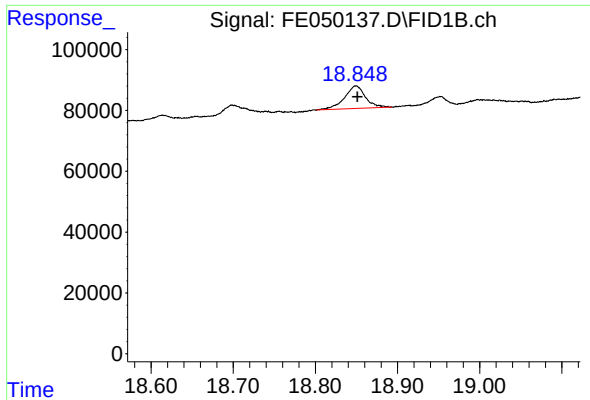
#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.002 min
Response: 35272
Conc: 0.27 ug/ml



#17 n-Tricontane (C30)

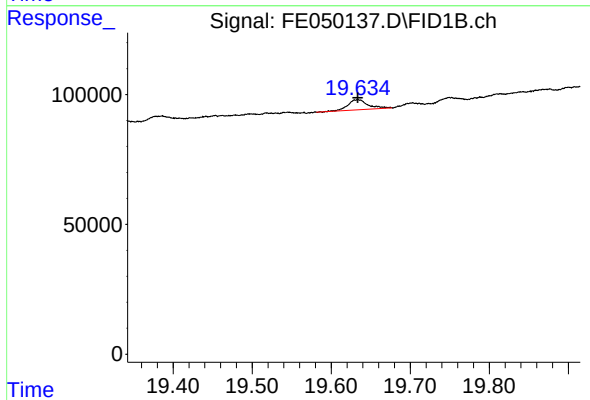
R.T.: 18.019 min
Delta R.T.: 0.000 min
Response: 135977
Conc: 1.02 ug/ml



#18 n-Dotriacontane (C32)

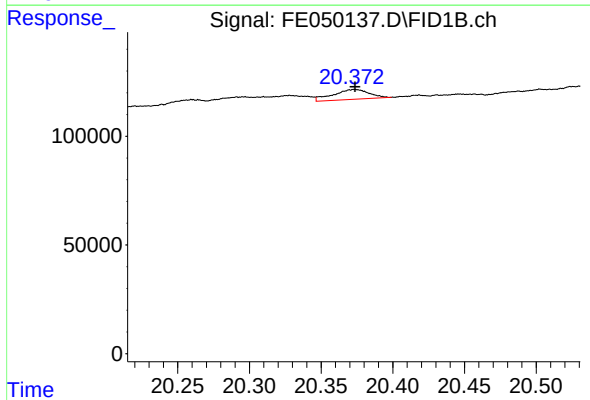
R.T.: 18.849 min
Delta R.T.: -0.002 min
Response: 132106
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 68291
Conc: 0.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: 0.000 min
Response: 79614
Conc: 0.72 ug/ml