

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042225AL\
 Data File : FE053481.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2025 23:18
 Operator : YP\AJ
 Sample : Q1848-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RBR200027-E2

Integration File: autoint1.e
 Quant Time: Apr 23 02:55:37 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)	11.873	4415284	24.480 ug/ml
Spiked Amount 50.000		Recovery =	48.96%
12) S 1-chlorooctadecane (S...	13.318	3998932	29.583 ug/ml
Spiked Amount 50.000		Recovery =	59.17%
Target Compounds			
10) T n-Eicosane (C20)	12.932	3993751	27.446 ug/ml
11) T n-Heneicosane (C21)	13.501	267920	1.850 ug/ml
13) T n-Docosane (C22)	14.098	578713	4.010 ug/ml
14) T n-Tetracosane (C24)	15.157	2190738	15.252 ug/ml
15) T n-Hexacosane (C26)	16.168	106821	0.754 ug/ml
16) T n-Octacosane (C28)	17.165	532417	3.827 ug/ml
17) T n-Tricontane (C30)	18.042	140718	1.011 ug/ml
18) T n-Dotriacontane (C32)	18.876	109977	0.801 ug/ml
19) T n-Tetratriacontane (C34)	19.663	184391	1.415 ug/ml

(f)=RT Delta > 1/2 Window

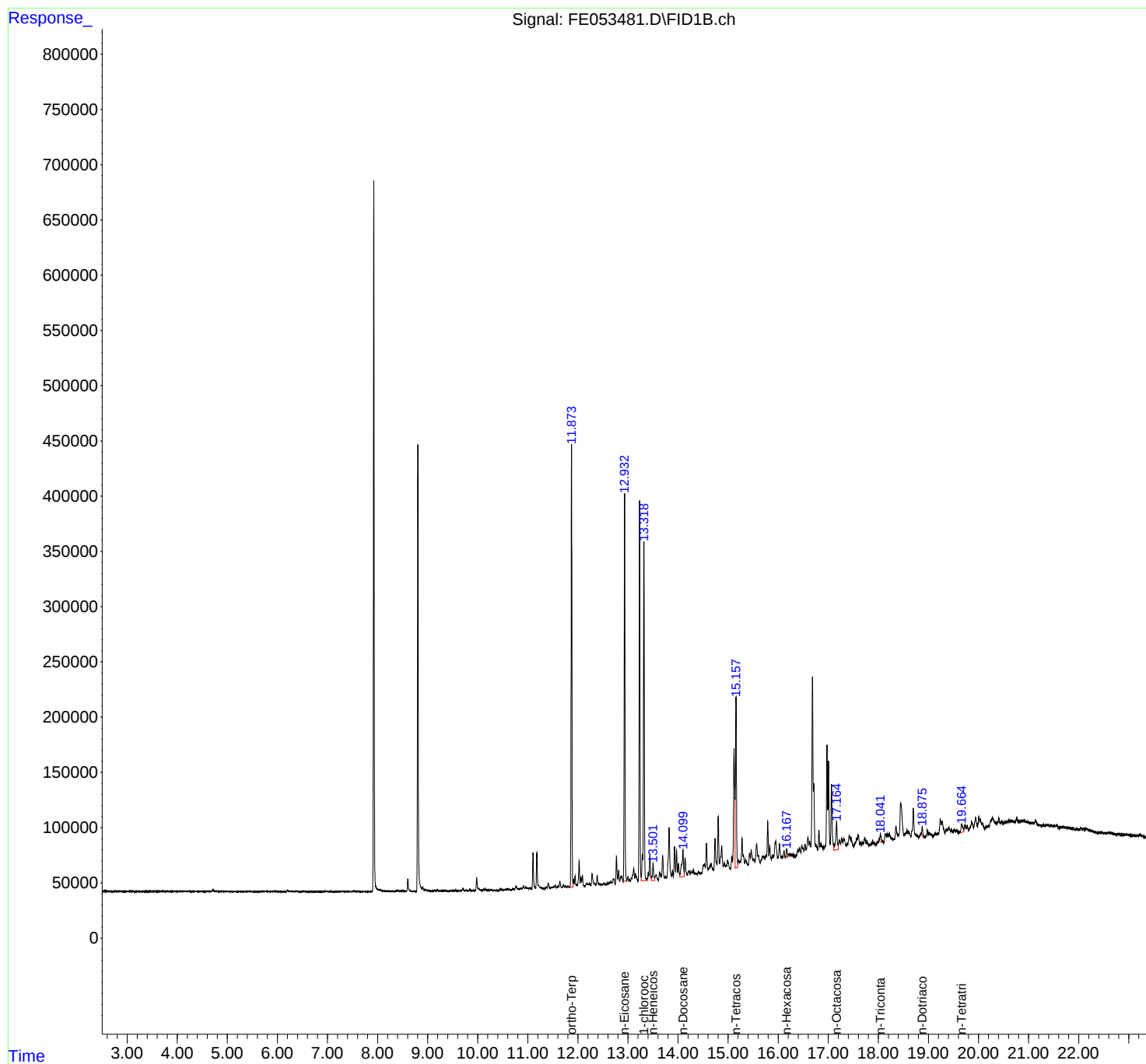
(m)=manual int.

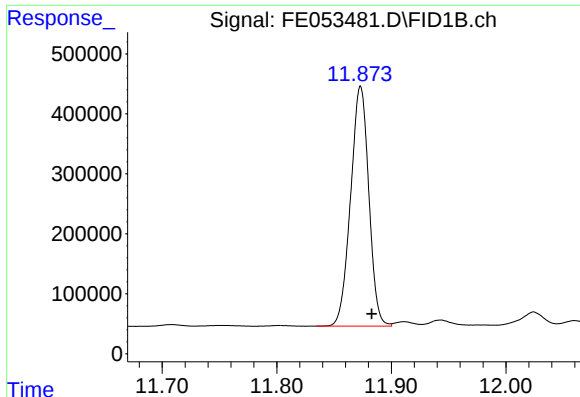
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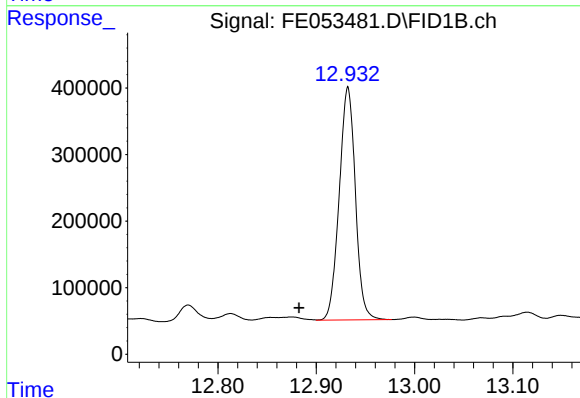




#9 ortho-Terphenyl (SURR)

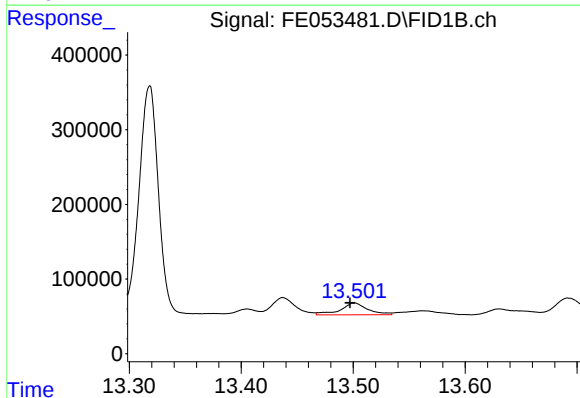
R.T.: 11.873 min
Delta R.T.: -0.010 min
Response: 4415284
Conc: 24.48 ug/ml

Instrument :
FID_E
ClientSampleId :
RBR200027-E2



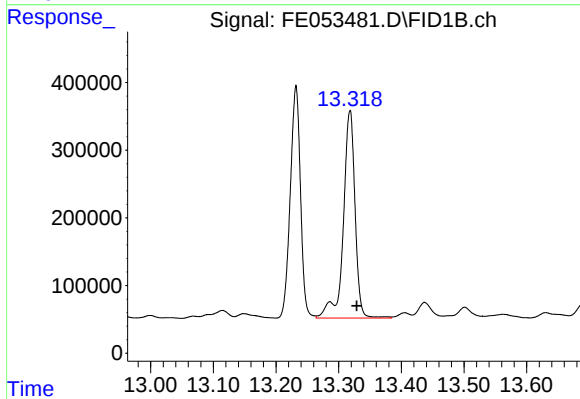
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: 0.050 min
Response: 3993751
Conc: 27.45 ug/ml



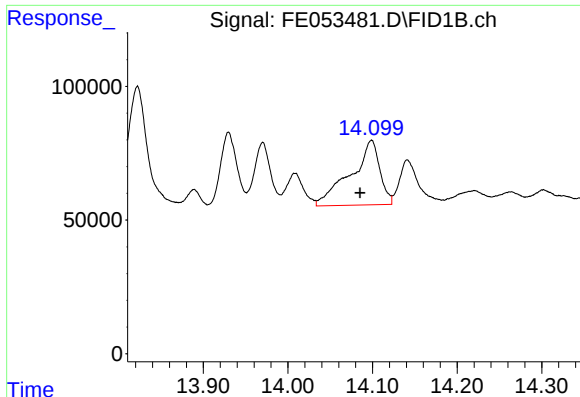
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.004 min
Response: 267920
Conc: 1.85 ug/ml



#12 1-chlorooctadecane (SURR)

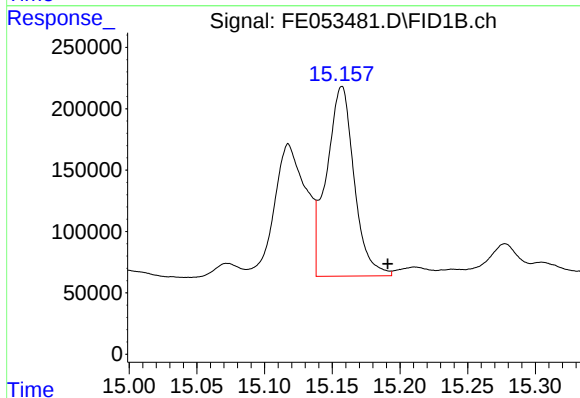
R.T.: 13.318 min
Delta R.T.: -0.011 min
Response: 3998932
Conc: 29.58 ug/ml



#13 n-Docosane (C22)

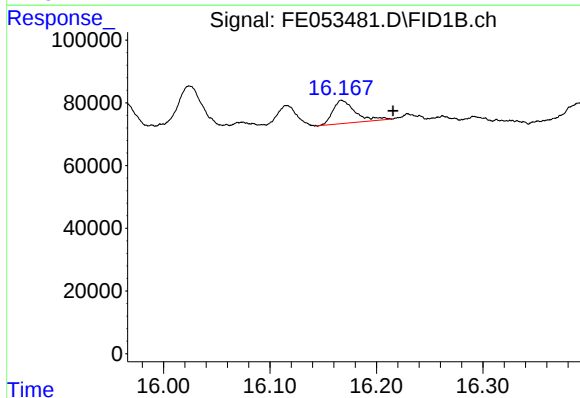
R.T.: 14.098 min
Delta R.T.: 0.013 min
Response: 578713
Conc: 4.01 ug/ml

Instrument :
FID_E
ClientSampleId :
RBR200027-E2



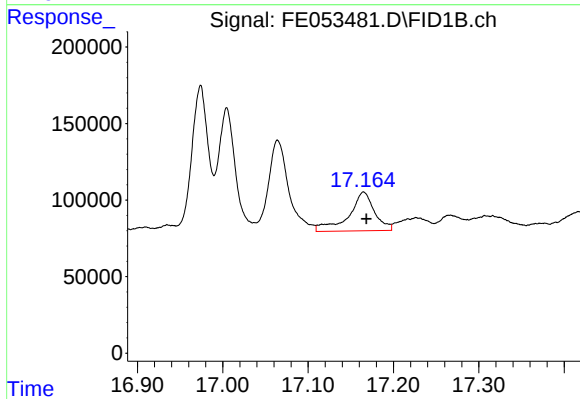
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: -0.034 min
Response: 2190738
Conc: 15.25 ug/ml



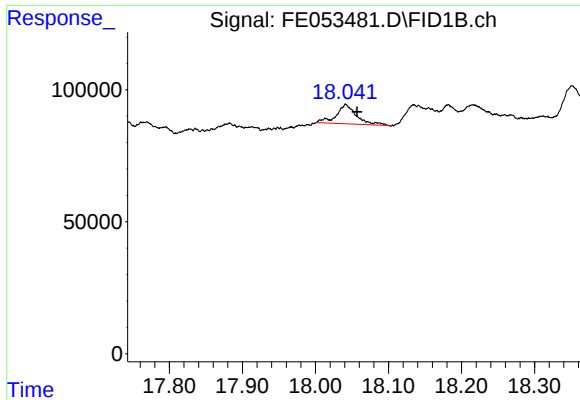
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.047 min
Response: 106821
Conc: 0.75 ug/ml



#16 n-Octacosane (C28)

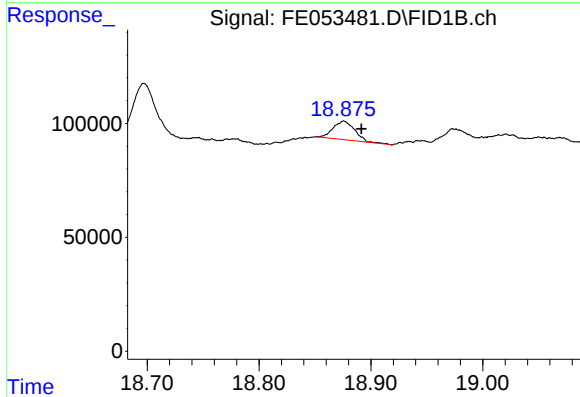
R.T.: 17.165 min
Delta R.T.: -0.003 min
Response: 532417
Conc: 3.83 ug/ml



#17 n-Tricontane (C30)

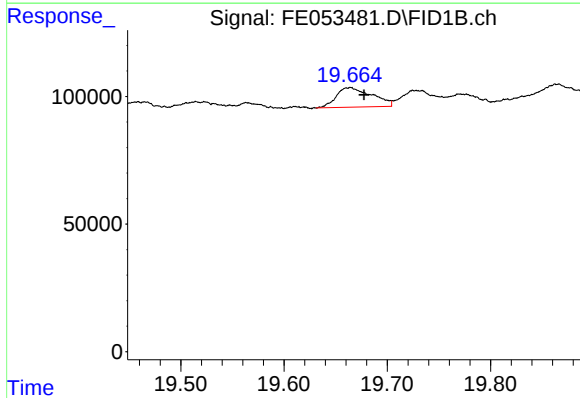
R.T.: 18.042 min
Delta R.T.: -0.015 min
Response: 140718
Conc: 1.01 ug/ml

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#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.016 min
Response: 109977
Conc: 0.80 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.014 min
Response: 184391
Conc: 1.42 ug/ml