

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045863.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 16:03
 Operator : YP\AJ
 Sample : 05798-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 22:36:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.843	15821448	75.659 ug/ml
Spiked Amount 50.000		Recovery =	151.32%
12) S 1-chlorooctadecane (S...	13.290	16759669	106.515 ug/ml
Spiked Amount 50.000		Recovery =	213.03%
Target Compounds			
6) T n-Tetradecane (C14)	8.464	98174	0.612 ug/ml
7) T n-Hexadecane (C16)	10.080	67840	0.410 ug/ml
8) T n-Octadecane (C18)	11.556	1175313	6.855 ug/ml
10) T n-Eicosane (C20)	12.875	4647248	26.859 ug/ml
11) T n-Heneicosane (C21)	13.480	6153016	35.767 ug/ml
13) T n-Docosane (C22)	14.058	3042466	17.645 ug/ml
14) T n-Tetracosane (C24)	15.202	3926861	22.493 ug/ml
15) T n-Hexacosane (C26)	16.196	222277	1.276 ug/ml
16) T n-Octacosane (C28)	17.157	83159	0.481 ug/ml
17) T n-Tricontane (C30)	17.999	46113	0.264 ug/ml
18) T n-Dotriacontane (C32)	18.827	127747	0.700 ug/ml
19) T n-Tetratriacontane (C34)	19.673	89860	0.542 ug/ml
22) T n-Tetracontane (C40)	22.043	121191	0.853 ug/ml

(f)=RT Delta > 1/2 Window

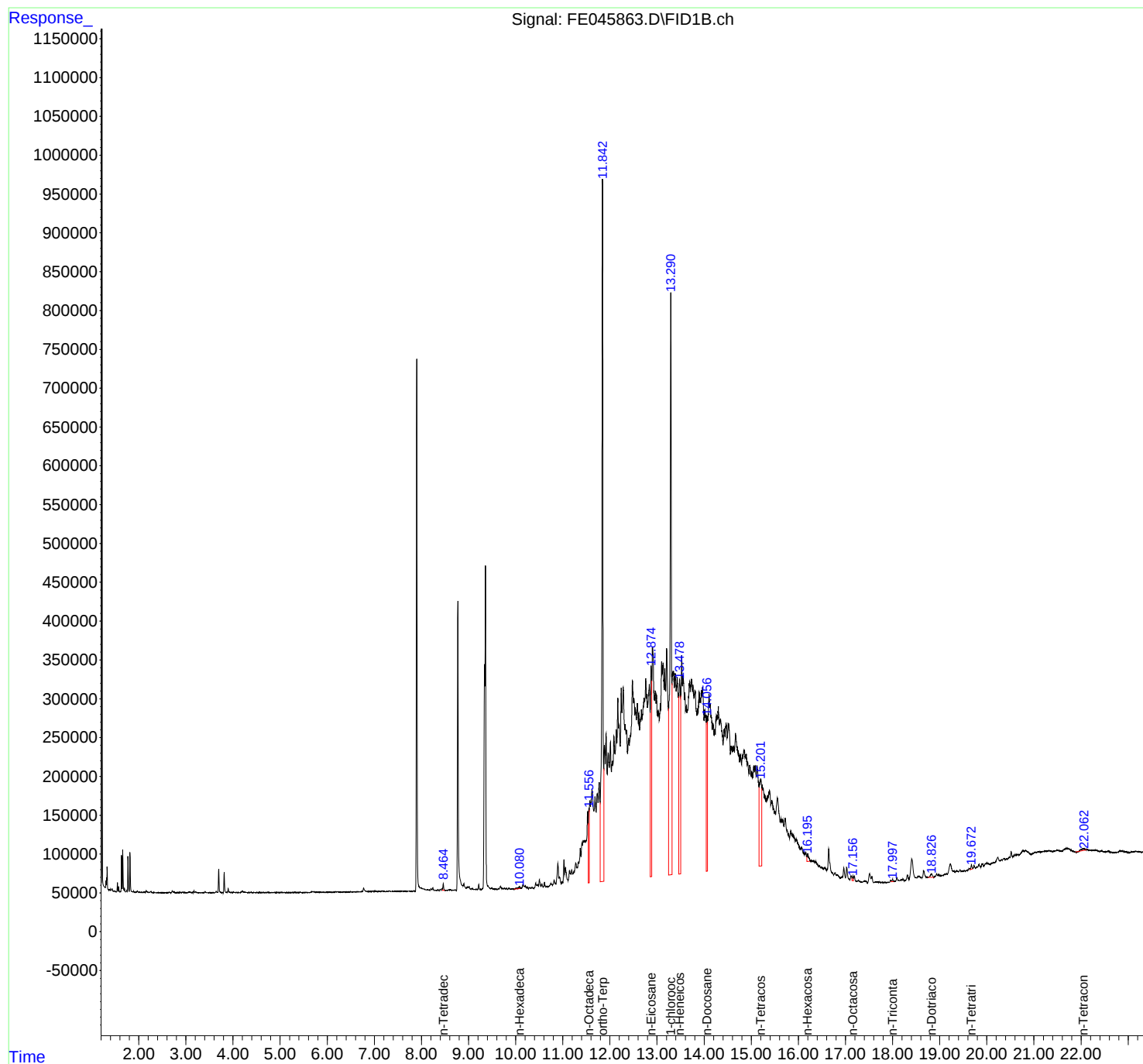
(m)=manual int.

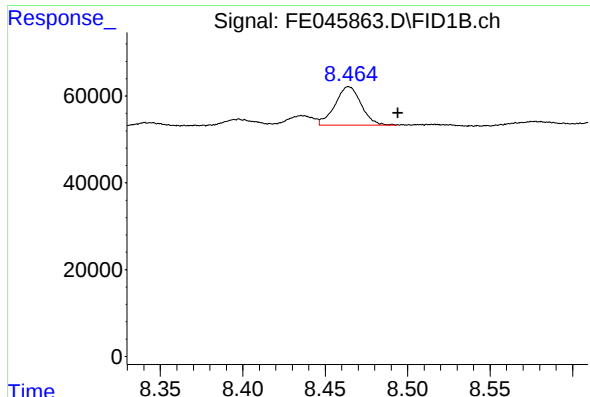
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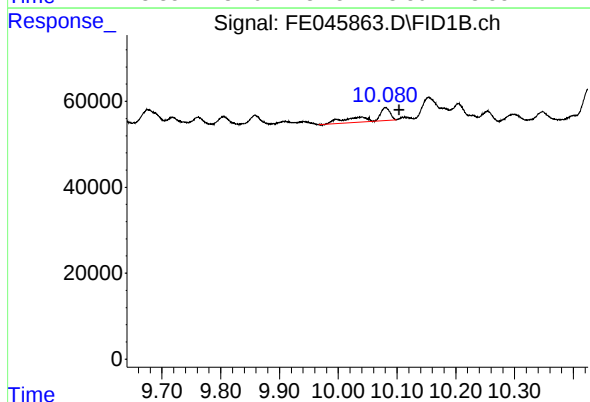




#6 n-Tetradecane (C14)

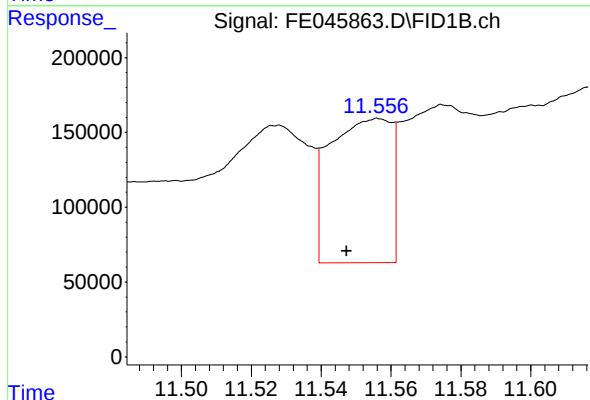
R.T.: 8.464 min
Delta R.T.: -0.030 min
Response: 98174
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :



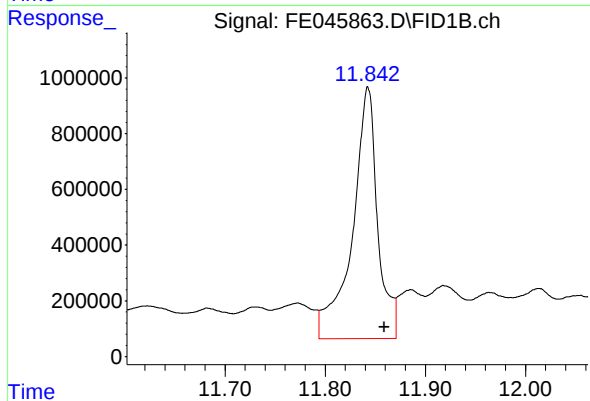
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.024 min
Response: 67840
Conc: 0.41 ug/ml



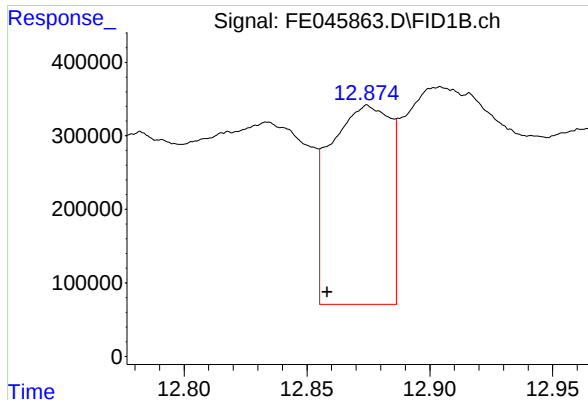
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: 0.009 min
Response: 1175313
Conc: 6.86 ug/ml



#9 ortho-Terphenyl (SURR)

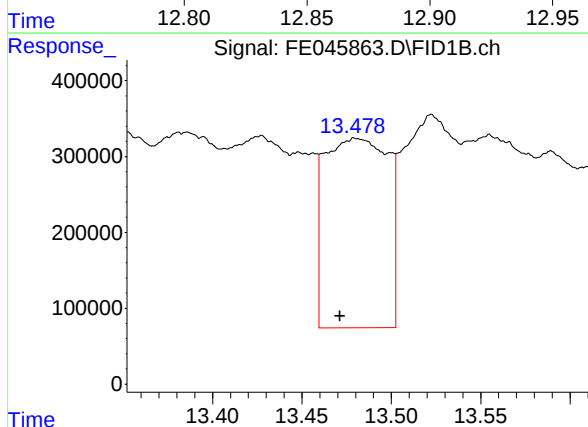
R.T.: 11.843 min
Delta R.T.: -0.016 min
Response: 15821448
Conc: 75.66 ug/ml



#10 n-Eicosane (C20)

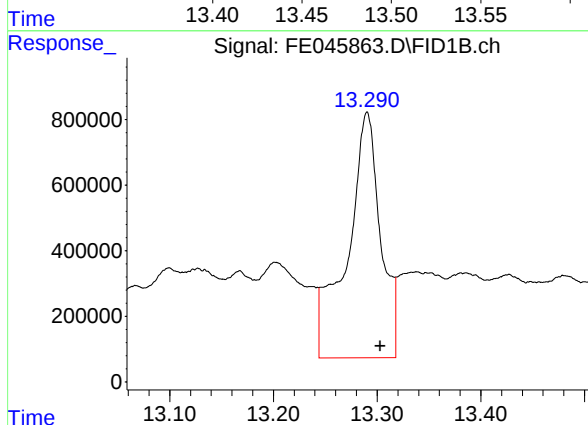
R.T.: 12.875 min
Delta R.T.: 0.016 min
Response: 4647248
Conc: 26.86 ug/ml

Instrument :
FID_E
ClientSampleId :



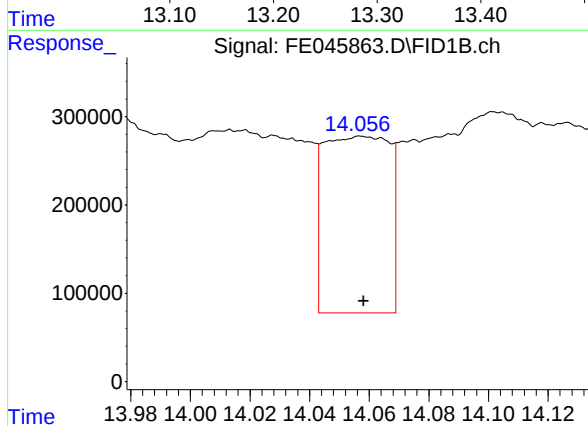
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.009 min
Response: 6153016
Conc: 35.77 ug/ml



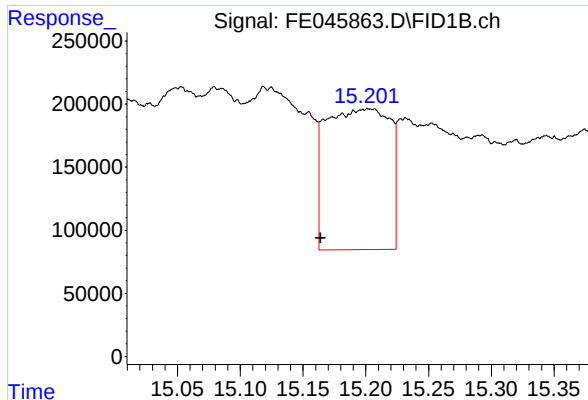
#12 1-chlorooctadecane (SURR)

R.T.: 13.290 min
Delta R.T.: -0.013 min
Response: 16759669
Conc: 106.52 ug/ml



#13 n-Docosane (C22)

R.T.: 14.058 min
Delta R.T.: 0.000 min
Response: 3042466
Conc: 17.65 ug/ml



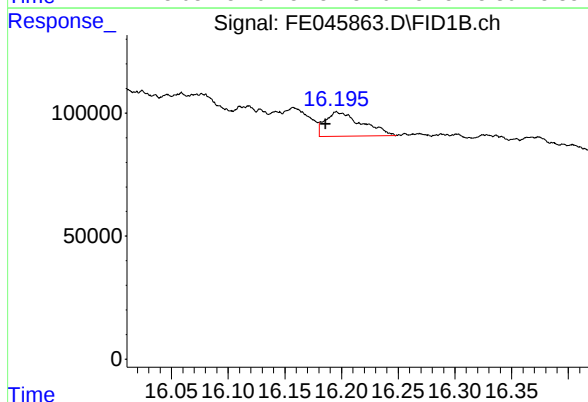
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.038 min
Response: 3926861
Conc: 22.49 ug/ml

Instrument :

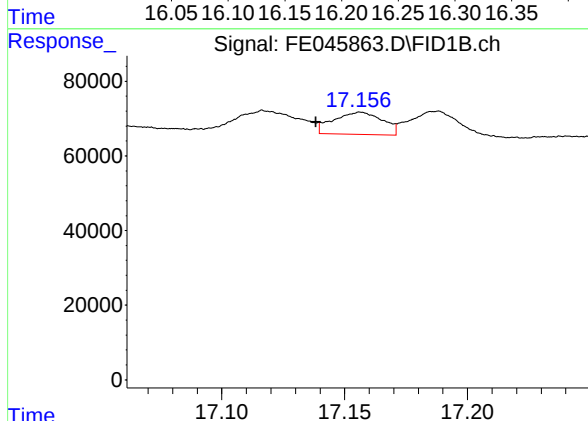
FID_E

ClientSampleId :



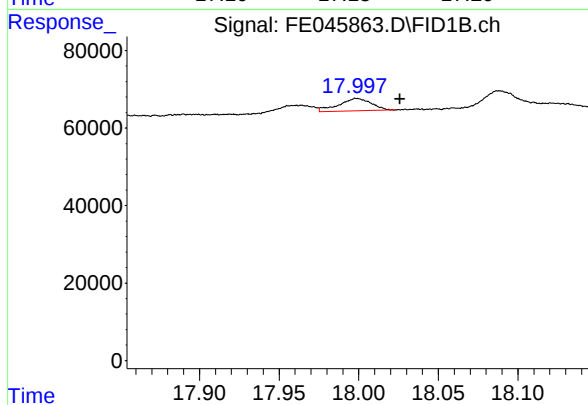
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: 0.009 min
Response: 222277
Conc: 1.28 ug/ml



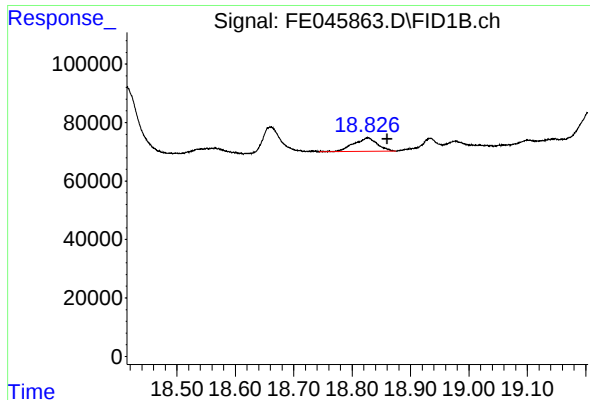
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: 0.018 min
Response: 83159
Conc: 0.48 ug/ml



#17 n-Tricontane (C30)

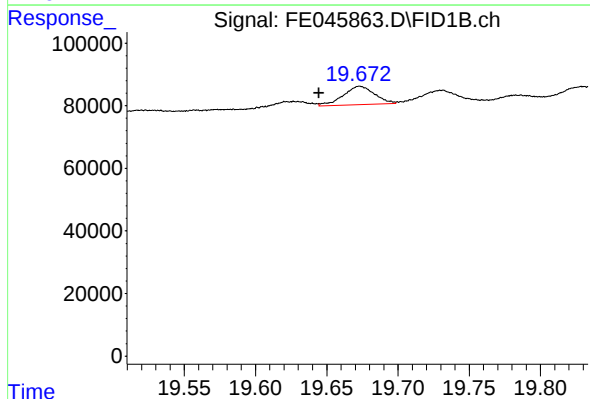
R.T.: 17.999 min
Delta R.T.: -0.027 min
Response: 46113
Conc: 0.26 ug/ml



#18 n-Dotriacontane (C32)

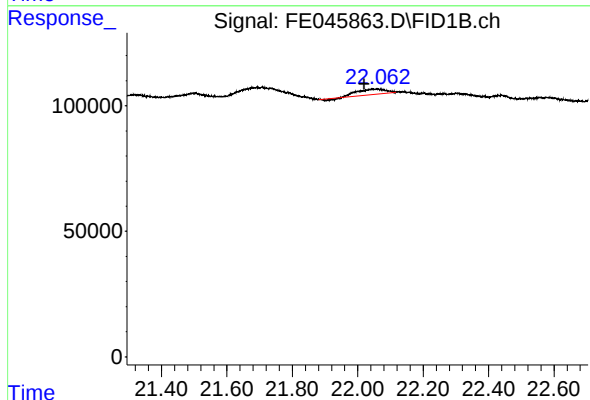
R.T.: 18.827 min
Delta R.T.: -0.033 min
Response: 127747
Conc: 0.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.029 min
Response: 89860
Conc: 0.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: 0.024 min
Response: 121191
Conc: 0.85 ug/ml