Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
Data File : FE042876.D
Signal(s) : FID1B.ch
Acq On : 24 Jun 2023 19:04
Operator : YP\AJ
Sample : 03369-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 25 05:09:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 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)	11.922	4174752	22.725 ug/ml
Spiked Amount	50.000		Recovery =	45.45%
12)	S 1-chlorooctadecane (S...	13.359	4002229	29.408 ug/ml
Spiked Amount	50.000		Recovery =	58.82%
	Target Compounds			
7)	T n-Hexadecane (C16)	10.173	134297	0.815 ug/ml
10)	T n-Eicosane (C20)	12.922	101847	0.642 ug/ml
11)	T n-Heneicosane (C21)	13.546	308410	1.993 ug/ml
13)	T n-Docosane (C22)	14.143	721551	4.737 ug/ml
14)	T n-Tetracosane (C24)	15.200	2111554	14.231 ug/ml
15)	T n-Hexacosane (C26)	16.236	183021	1.280 ug/ml
16)	T n-Octacosane (C28)	17.203	1026846	7.404 ug/ml
17)	T n-Tricontane (C30)	18.073	1062099	7.510 ug/ml
18)	T n-Dotriacontane (C32)	18.910	476164	3.395 ug/ml
19)	T n-Tetratriacontane (C34)	19.699	986055	7.206 ug/ml
20)	T n-Hexatriacontane (C36)	20.431	1982036	14.821 ug/ml
21)	T n-Octatriacontane (C38)	21.190	2060445	15.112 ug/ml
22)	T n-Tetracontane (C40)	22.105	417651	3.002 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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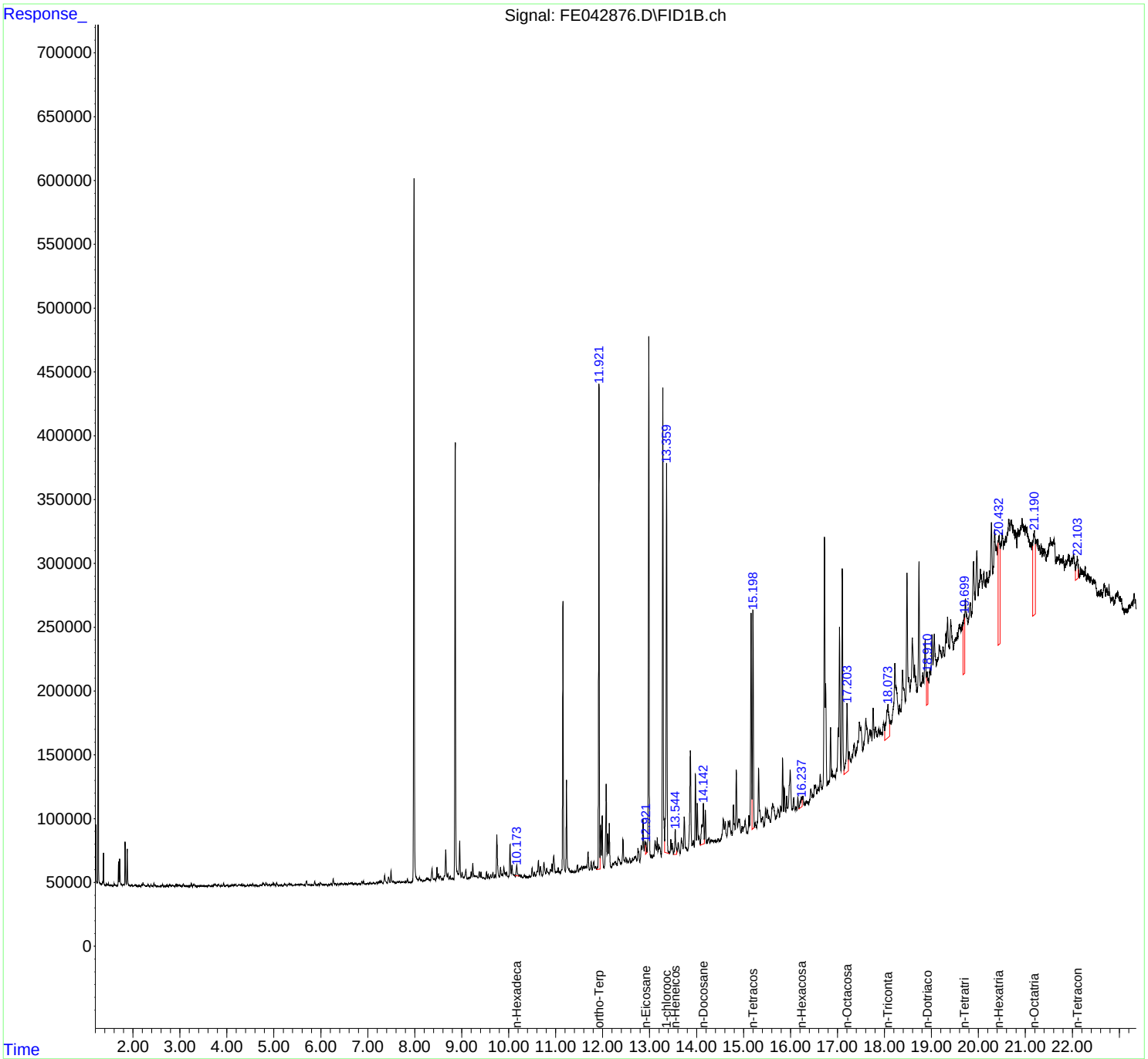
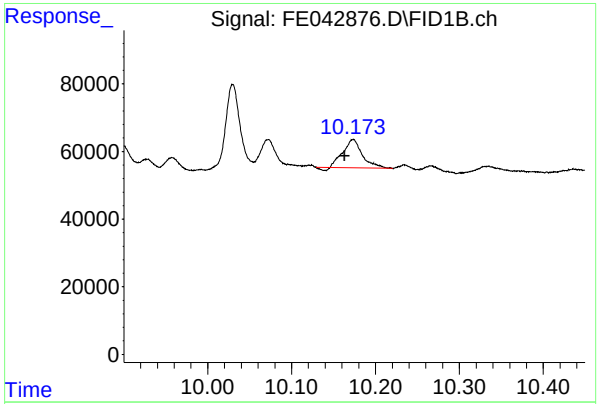
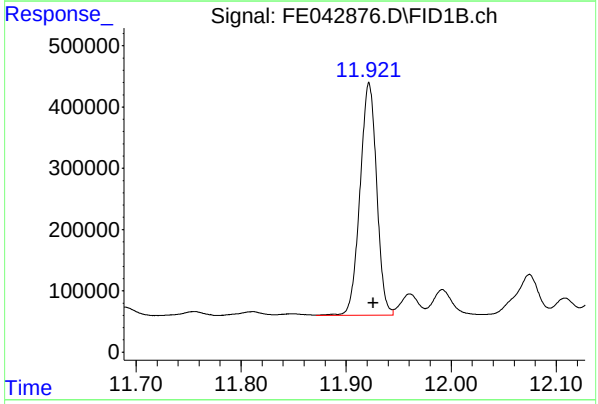




#7 n-Hexadecane (C16)

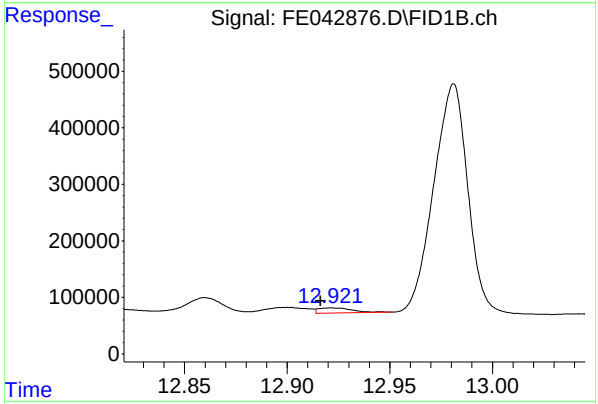
R.T.: 10.173 min
Delta R.T.: 0.010 min
Response: 134297
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



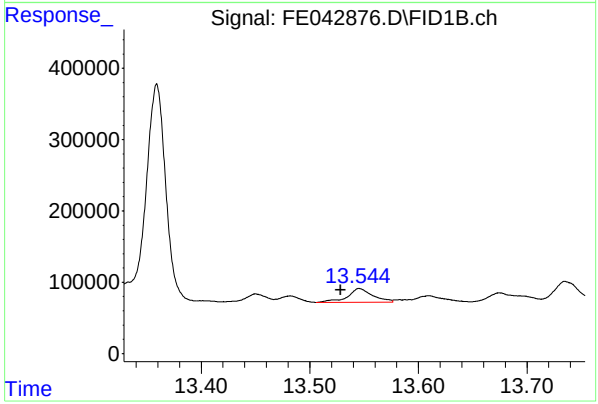
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: -0.004 min
Response: 4174752
Conc: 22.73 ug/ml



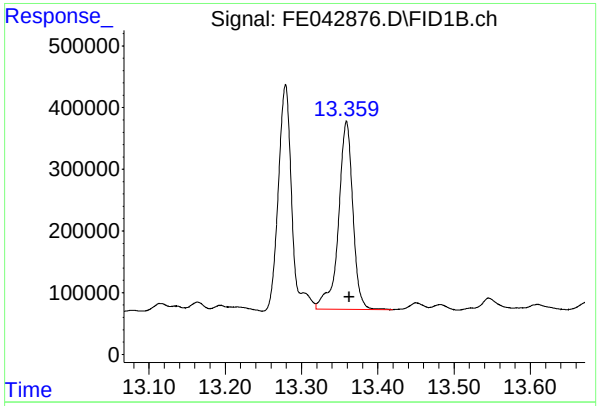
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.006 min
Response: 101847
Conc: 0.64 ug/ml



#11 n-Heneicosane (C21)

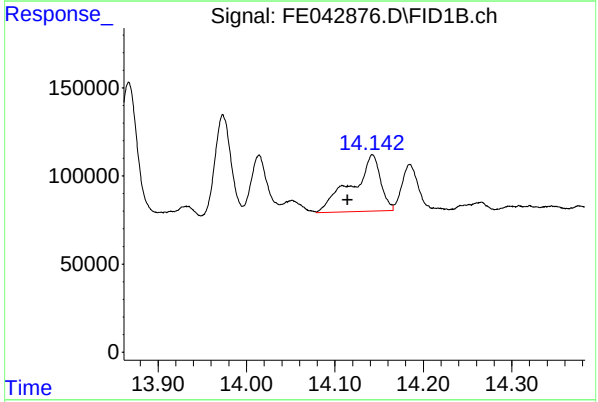
R.T.: 13.546 min
Delta R.T.: 0.017 min
Response: 308410
Conc: 1.99 ug/ml



#12 1-chlorooctadecane (SURR)

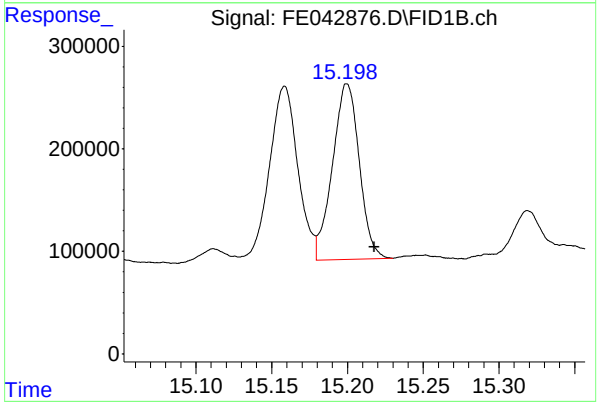
R.T.: 13.359 min
Delta R.T.: -0.004 min
Response: 4002229
Conc: 29.41 ug/ml

Instrument :
FID_E
ClientSampleId :



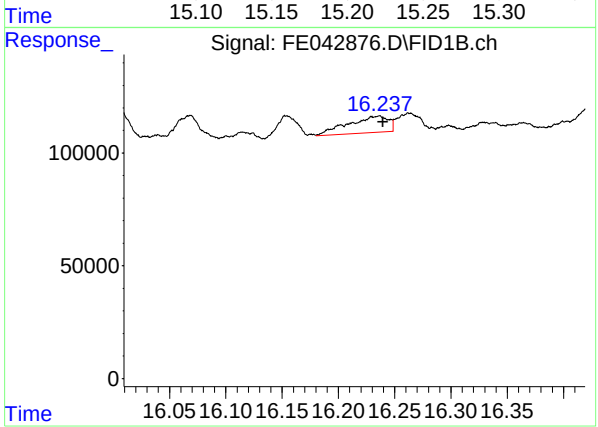
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.028 min
Response: 721551
Conc: 4.74 ug/ml



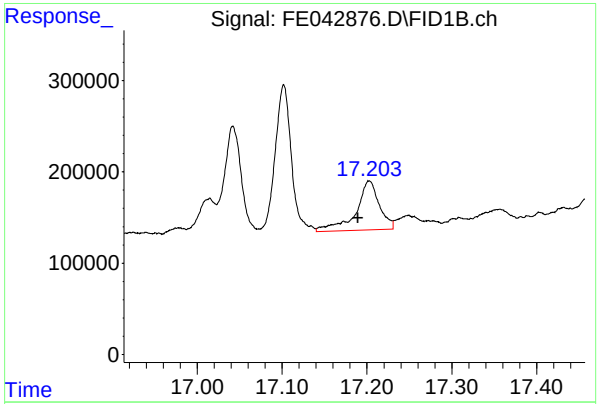
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.018 min
Response: 2111554
Conc: 14.23 ug/ml



#15 n-Hexacosane (C26)

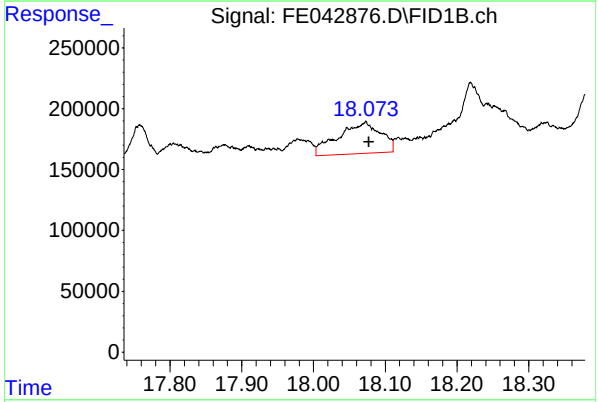
R.T.: 16.236 min
Delta R.T.: -0.003 min
Response: 183021
Conc: 1.28 ug/ml



#16 n-Octacosane (C28)

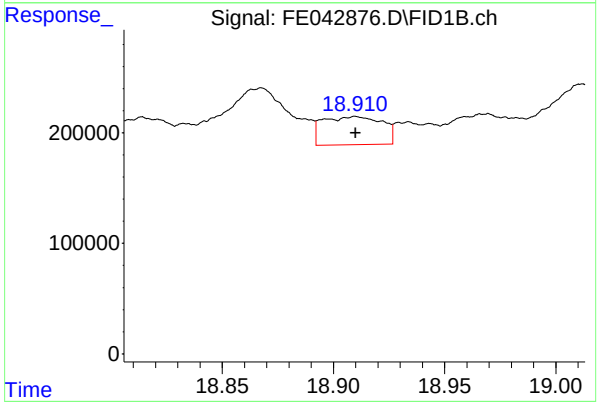
R.T.: 17.203 min
Delta R.T.: 0.013 min
Response: 1026846
Conc: 7.40 ug/ml

Instrument :
FID_E
ClientSampleId :



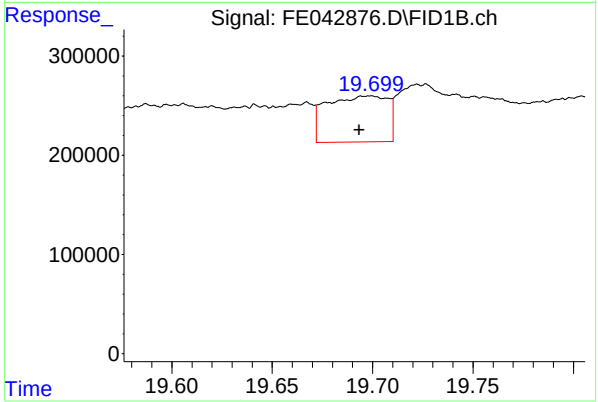
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.004 min
Response: 1062099
Conc: 7.51 ug/ml



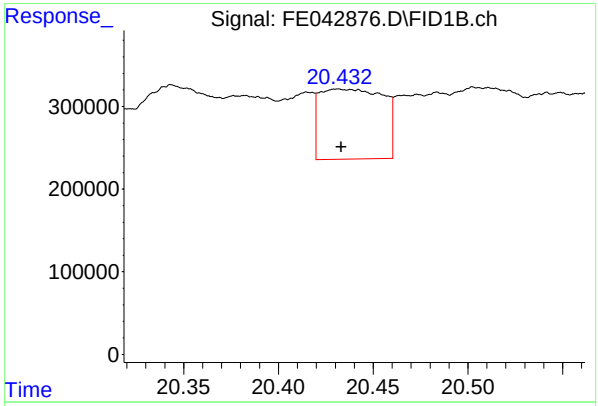
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 476164
Conc: 3.39 ug/ml



#19 n-Tetratriacontane (C34)

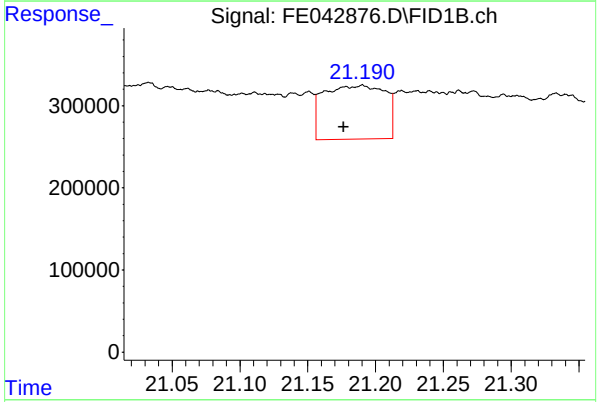
R.T.: 19.699 min
Delta R.T.: 0.006 min
Response: 986055
Conc: 7.21 ug/ml



#20 n-Hexatriacontane (C36)

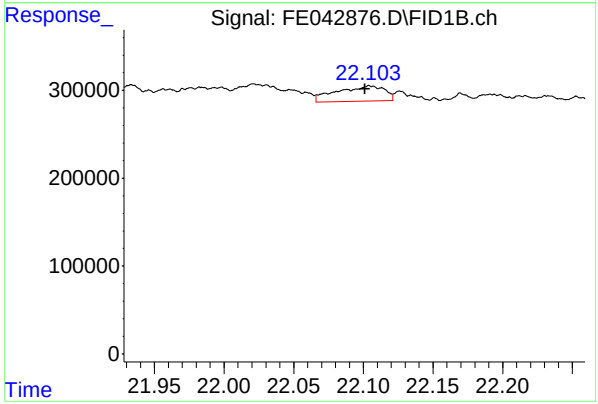
R.T.: 20.431 min
Delta R.T.: -0.002 min
Response: 1982036
Conc: 14.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: 0.014 min
Response: 2060445
Conc: 15.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.003 min
Response: 417651
Conc: 3.00 ug/ml