Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012125AL\
Data File : FE051990.D
Signal(s) : FID1B.ch
Acq On : 21 Jan 2025 14:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jan 22 02:47:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 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)	12.197	2463508	17.236 ug/ml
Spiked Amount	50.000		Recovery =	34.47%
12)	S 1-chlorooctadecane (S...	13.612	1909162	16.643 ug/ml
Spiked Amount	50.000		Recovery =	33.29%
	Target Compounds			
1)	T n-Nonane (C9)	3.672	1882061	17.653 ug/ml
2)	T n-Decane (C10)	4.900f	2008002	18.341 ug/ml
3)	T A~Naphthalene (C11.7)	6.596	2278747	18.753 ug/ml
4)	T n-Dodecane (C12)	7.029	2107540	18.673 ug/ml
5)	T A~2-methylnaphthalene...	7.677	2252212	18.865 ug/ml
6)	T n-Tetradecane (C14)	8.837	2154256	18.522 ug/ml
7)	T n-Hexadecane (C16)	10.431	2264588	17.956 ug/ml
8)	T n-Octadecane (C18)	11.864	2303603	17.411 ug/ml
10)	T n-Eicosane (C20)	13.166	2226589	16.985 ug/ml
11)	T n-Heneicosane (C21)	13.776	2177915	16.732 ug/ml
13)	T n-Docosane (C22)	14.359	2200024	16.764 ug/ml
14)	T n-Tetracosane (C24)	15.458	2245424	16.904 ug/ml
15)	T n-Hexacosane (C26)	16.476	2249662	17.019 ug/ml
16)	T n-Octacosane (C28)	17.422	2283347	17.300 ug/ml
17)	T n-Tricontane (C30)	18.308	2429970	17.823 ug/ml
18)	T n-Dotriacontane (C32)	19.138	2356064	17.978 ug/ml
19)	T n-Tetratriacontane (C34)	19.921	1998538	17.752 ug/ml
20)	T n-Hexatriacontane (C36)	20.659	1755513	18.483 ug/ml
21)	T n-Octatriacontane (C38)	21.447	1602071	18.546 ug/ml
22)	T n-Tetracontane (C40)	22.448	1599733	19.412 ug/ml

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

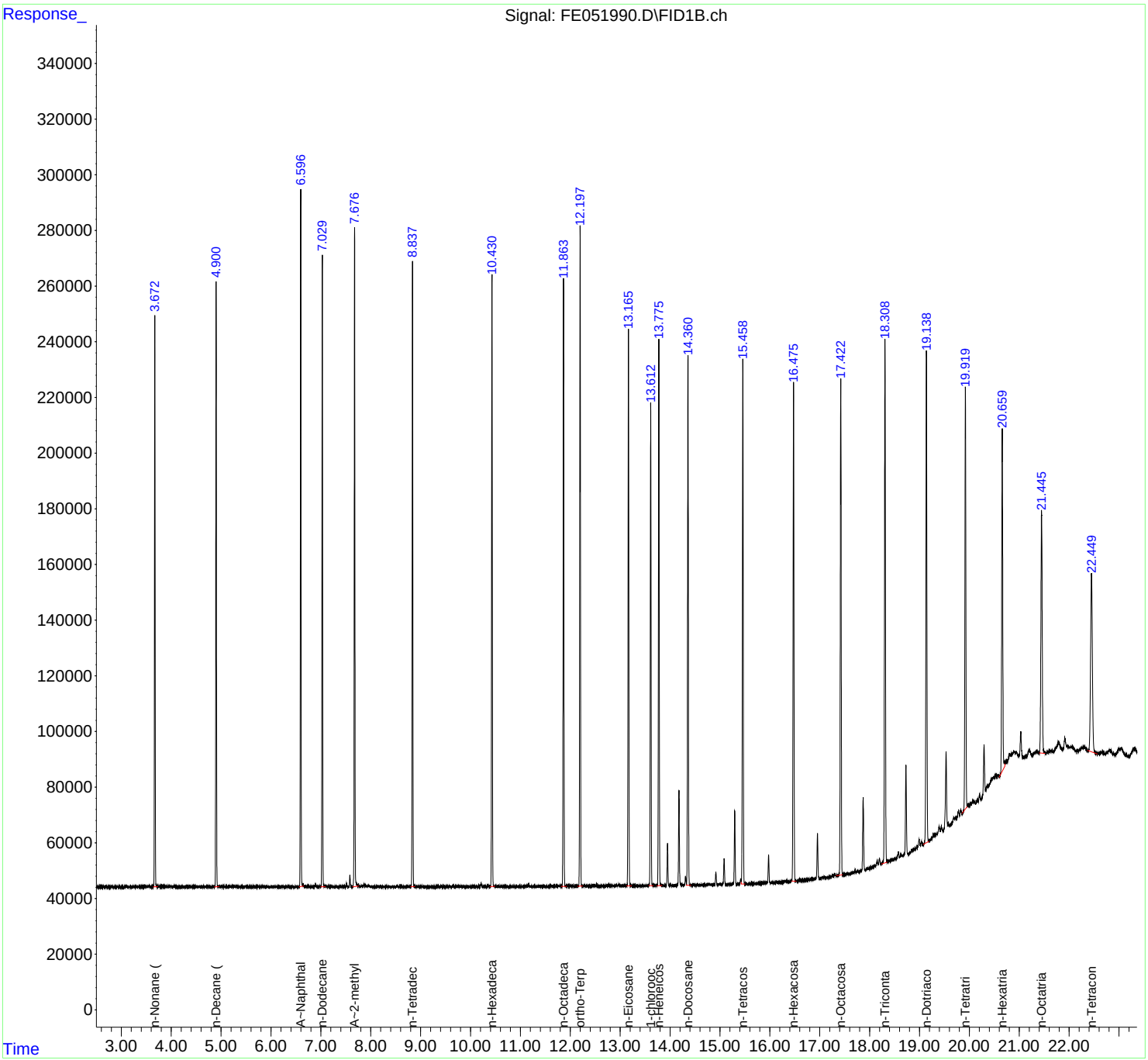
Quantitation Report (Not Reviewed)

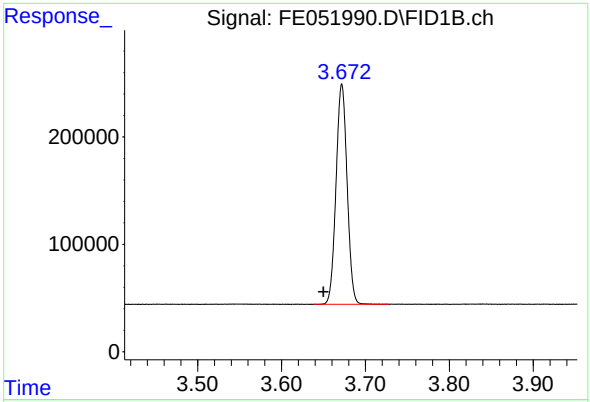
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012125AL\
Data File : FE051990.D
Signal(s) : FID1B.ch
Acq On : 21 Jan 2025 14:20
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jan 22 02:47:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

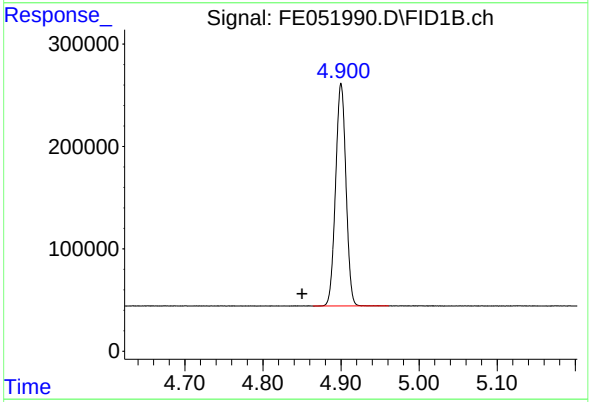




#1 n-Nonane (C9)

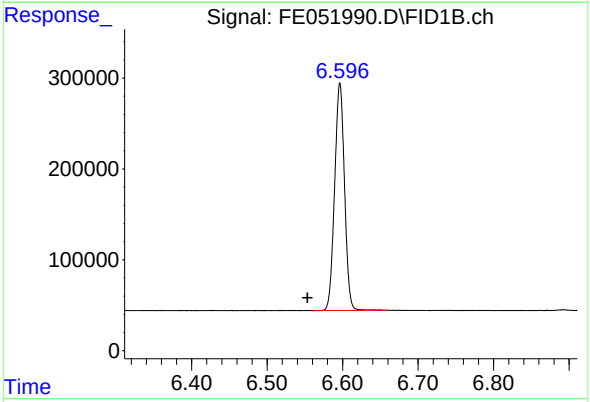
R.T.: 3.672 min
Delta R.T.: 0.022 min
Response: 1882061
Conc: 17.65 ug/ml

Instrument :
FID_E
ClientSampleId :



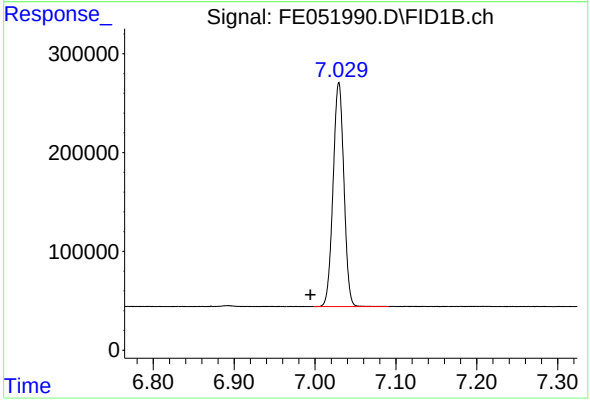
#2 n-Decane (C10)

R.T.: 4.900 min
Delta R.T.: 0.050 min
Response: 2008002
Conc: 18.34 ug/ml



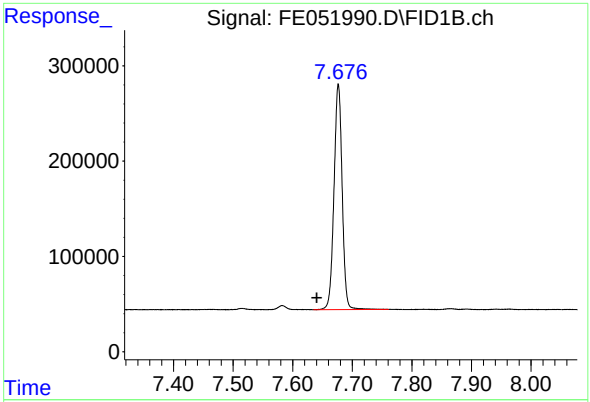
#3 A~Naphthalene (C11.7)

R.T.: 6.596 min
Delta R.T.: 0.043 min
Response: 2278747
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

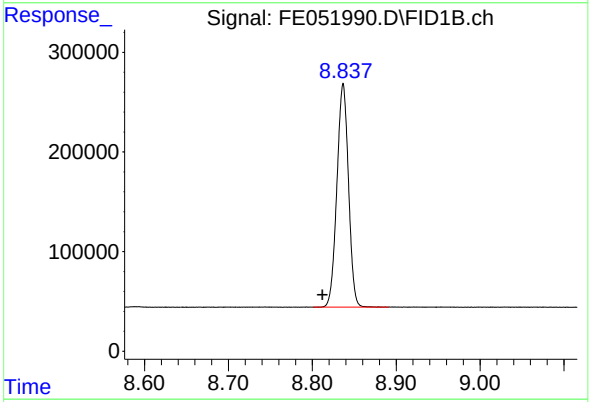
R.T.: 7.029 min
Delta R.T.: 0.035 min
Response: 2107540
Conc: 18.67 ug/ml



#5 A~2-methylnaphthalene (C12.89)

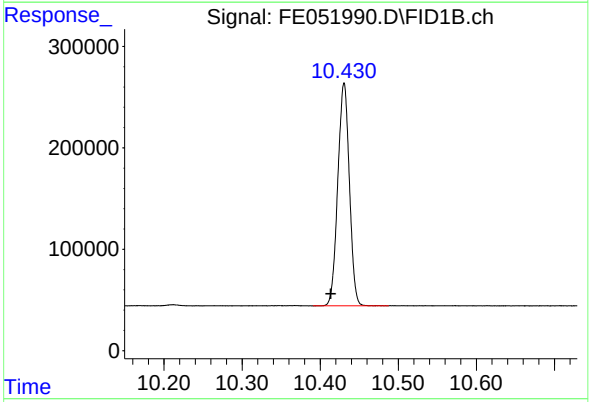
R.T.: 7.677 min
Delta R.T.: 0.036 min
Response: 2252212
Conc: 18.87 ug/ml

Instrument :
FID_E
ClientSampleId :



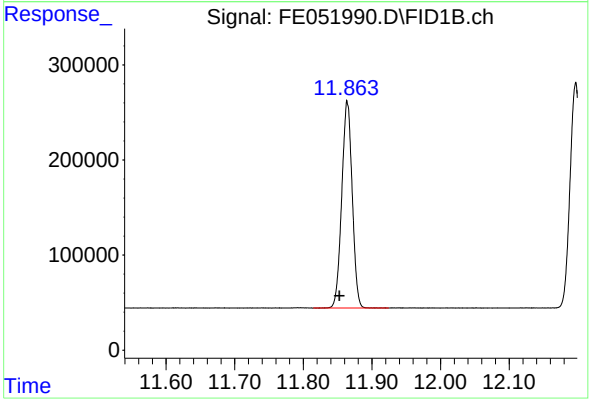
#6 n-Tetradecane (C14)

R.T.: 8.837 min
Delta R.T.: 0.024 min
Response: 2154256
Conc: 18.52 ug/ml



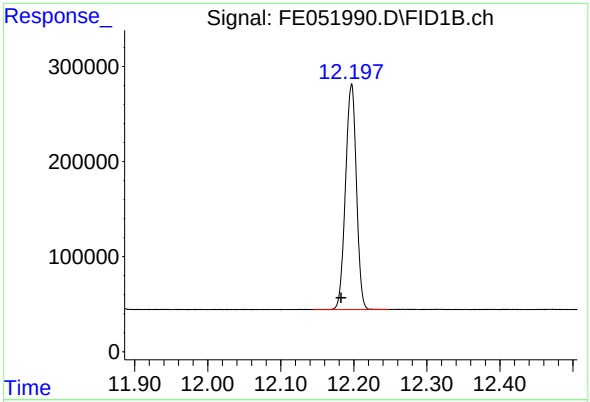
#7 n-Hexadecane (C16)

R.T.: 10.431 min
Delta R.T.: 0.017 min
Response: 2264588
Conc: 17.96 ug/ml



#8 n-Octadecane (C18)

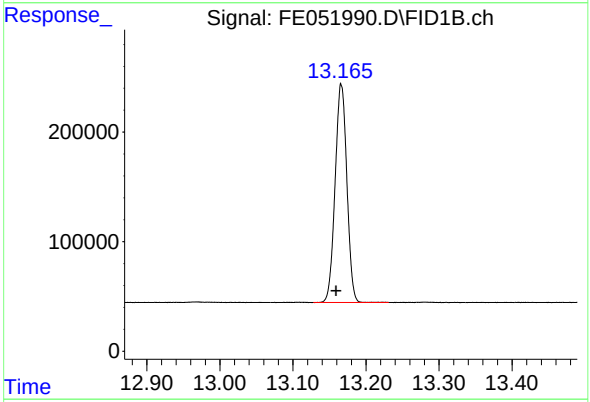
R.T.: 11.864 min
Delta R.T.: 0.012 min
Response: 2303603
Conc: 17.41 ug/ml



#9 ortho-Terphenyl (SURR)

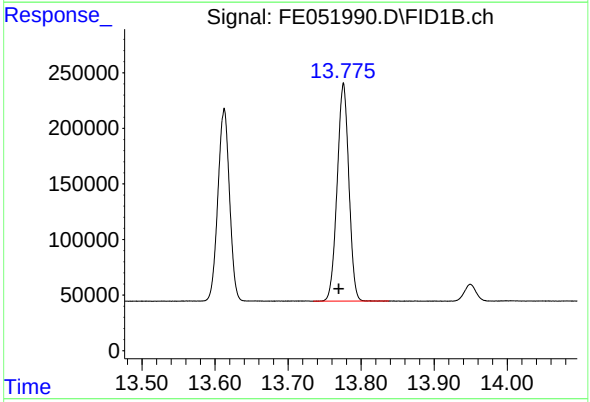
R.T.: 12.197 min
Delta R.T.: 0.014 min
Response: 2463508
Conc: 17.24 ug/ml

Instrument :
FID_E
ClientSampleId :



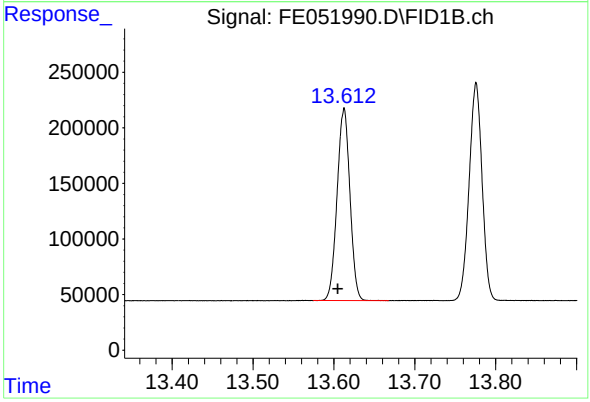
#10 n-Eicosane (C20)

R.T.: 13.166 min
Delta R.T.: 0.007 min
Response: 2226589
Conc: 16.98 ug/ml



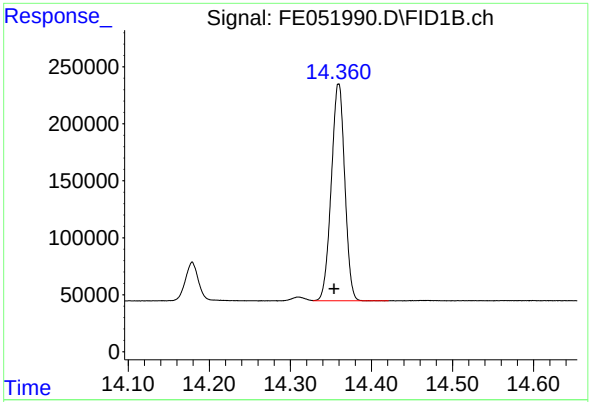
#11 n-Heneicosane (C21)

R.T.: 13.776 min
Delta R.T.: 0.006 min
Response: 2177915
Conc: 16.73 ug/ml



#12 1-chlorooctadecane (SURR)

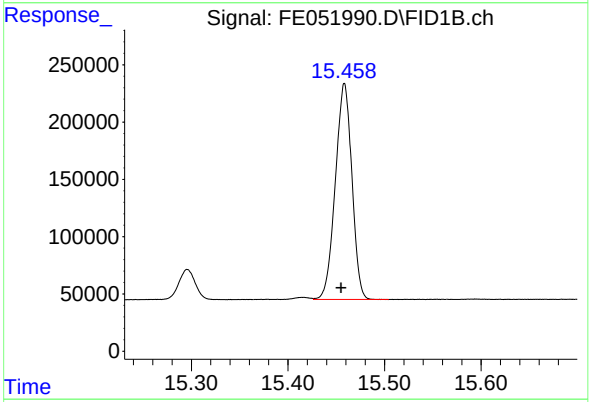
R.T.: 13.612 min
Delta R.T.: 0.008 min
Response: 1909162
Conc: 16.64 ug/ml



#13 n-Docosane (C22)

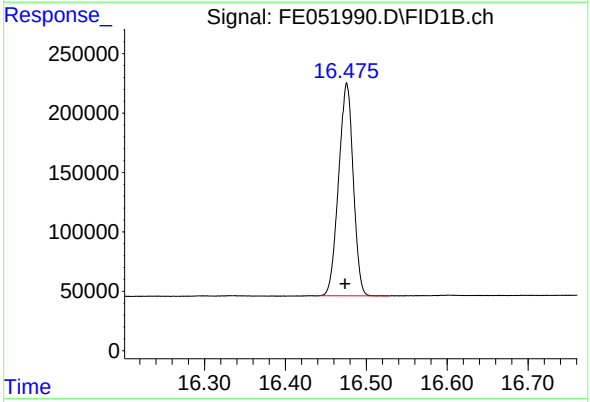
R.T.: 14.359 min
Delta R.T.: 0.005 min
Response: 2200024
Conc: 16.76 ug/ml

Instrument :
FID_E
ClientSampleId :



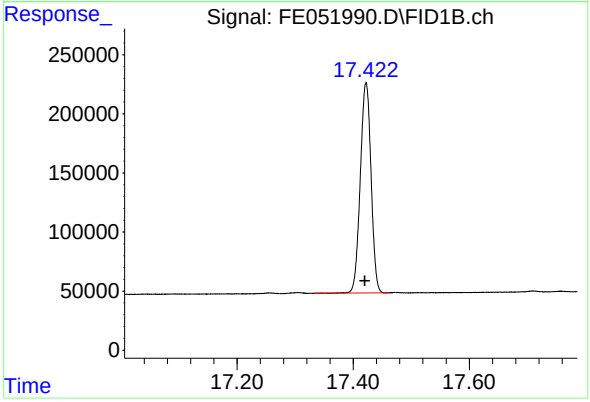
#14 n-Tetracosane (C24)

R.T.: 15.458 min
Delta R.T.: 0.003 min
Response: 2245424
Conc: 16.90 ug/ml



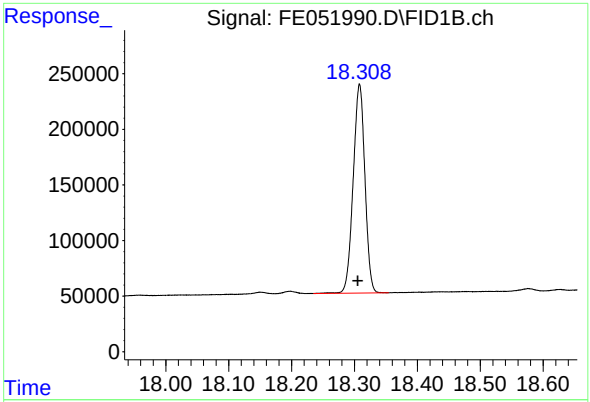
#15 n-Hexacosane (C26)

R.T.: 16.476 min
Delta R.T.: 0.002 min
Response: 2249662
Conc: 17.02 ug/ml



#16 n-Octacosane (C28)

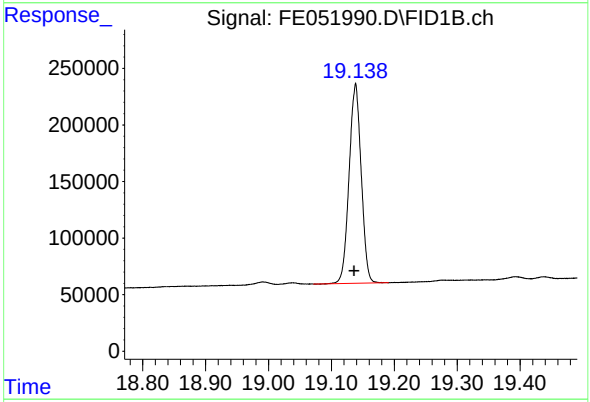
R.T.: 17.422 min
Delta R.T.: 0.002 min
Response: 2283347
Conc: 17.30 ug/ml



#17 n-Tricontane (C30)

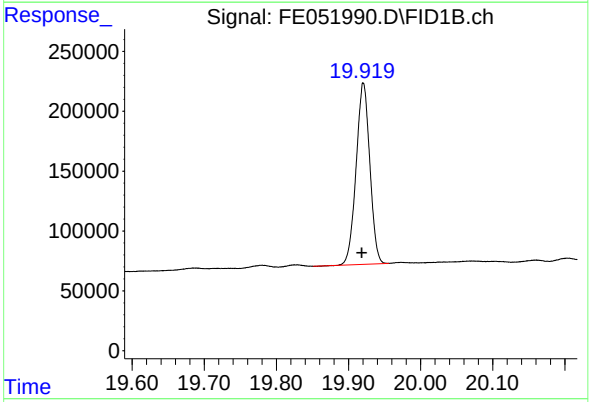
R.T.: 18.308 min
Delta R.T.: 0.003 min
Response: 2429970
Conc: 17.82 ug/ml

Instrument :
FID_E
ClientSampleId :



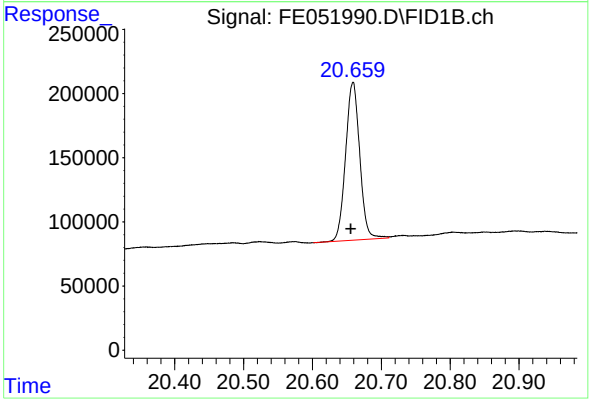
#18 n-Dotriacontane (C32)

R.T.: 19.138 min
Delta R.T.: 0.002 min
Response: 2356064
Conc: 17.98 ug/ml



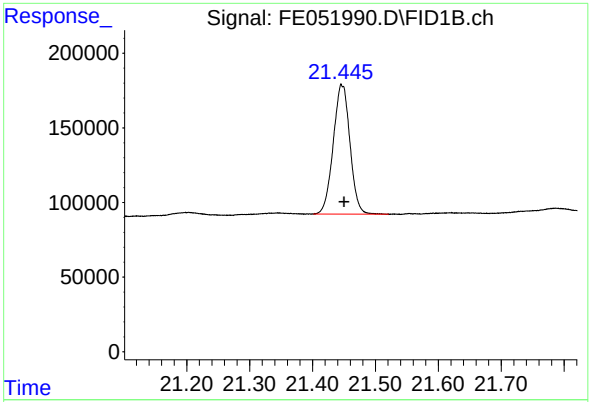
#19 n-Tetratriacontane (C34)

R.T.: 19.921 min
Delta R.T.: 0.002 min
Response: 1998538
Conc: 17.75 ug/ml



#20 n-Hexatriacontane (C36)

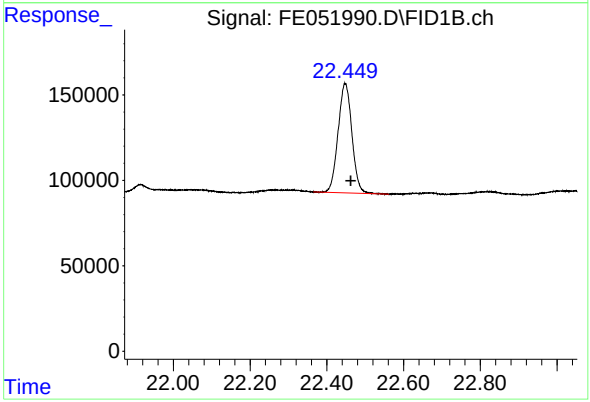
R.T.: 20.659 min
Delta R.T.: 0.003 min
Response: 1755513
Conc: 18.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.447 min
Delta R.T.: -0.003 min
Response: 1602071
Conc: 18.55 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.448 min
Delta R.T.: -0.014 min
Response: 1599733
Conc: 19.41 ug/ml