

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091724AL\
 Data File : FE050148.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2024 14:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 18 01:27:13 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)	11.874	2808227	18.875 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.309	2105804	18.747 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.262	2486795	18.347 ug/ml
2) T n-Decane (C10)	4.513	2572034	18.636 ug/ml
3) T A~Naphthalene (C11.7)	6.223	2646156	18.905 ug/ml
4) T n-Dodecane (C12)	6.681	2576539	18.632 ug/ml
5) T A~2-methylnaphthalene...	7.319	2484312	18.901 ug/ml
6) T n-Tetradecane (C14)	8.508	2550866	18.733 ug/ml
7) T n-Hexadecane (C16)	10.114	2619990	18.862 ug/ml
8) T n-Octadecane (C18)	11.555	2648464	18.904 ug/ml
10) T n-Eicosane (C20)	12.863	2536150	18.906 ug/ml
11) T n-Heneicosane (C21)	13.475	2496216	18.997 ug/ml
13) T n-Docosane (C22)	14.059	2468477	18.957 ug/ml
14) T n-Tetracosane (C24)	15.161	2472188	18.931 ug/ml
15) T n-Hexacosane (C26)	16.181	2435332	19.035 ug/ml
16) T n-Octacosane (C28)	17.130	2474678	19.212 ug/ml
17) T n-Tricontane (C30)	18.017	2644227	19.774 ug/ml
18) T n-Dotriacontane (C32)	18.848	2695667	20.229 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2506539	20.286 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2306666	20.790 ug/ml
21) T n-Octatriacontane (C38)	21.096	2153672	19.529 ug/ml
22) T n-Tetracontane (C40)	21.987	1996958	18.352 ug/ml

(f)=RT Delta > 1/2 Window

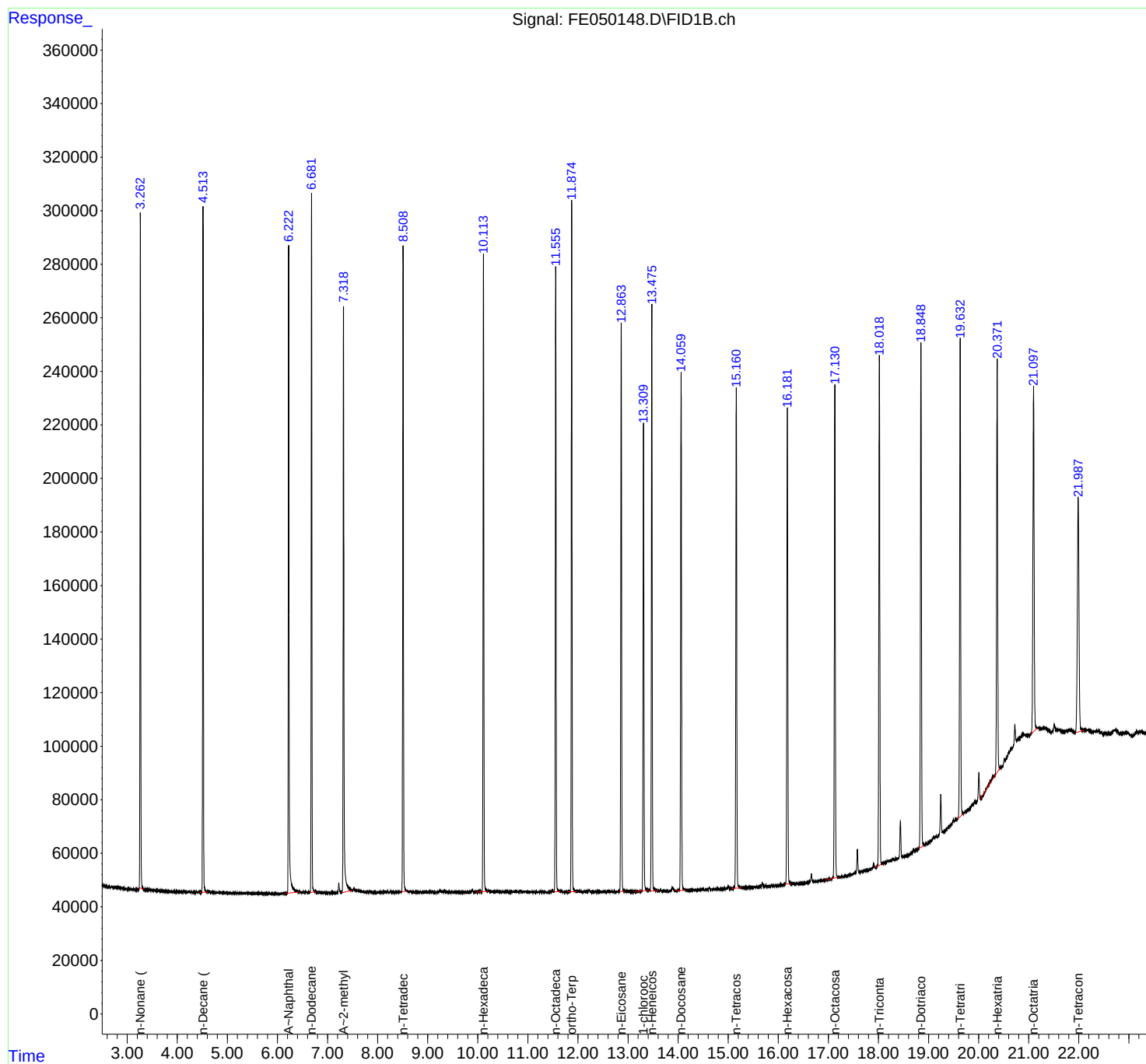
(m)=manual int.

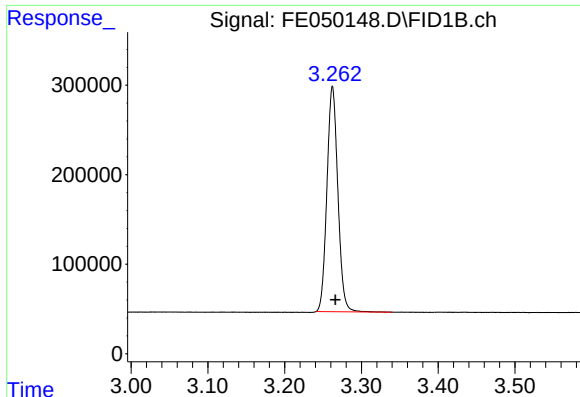
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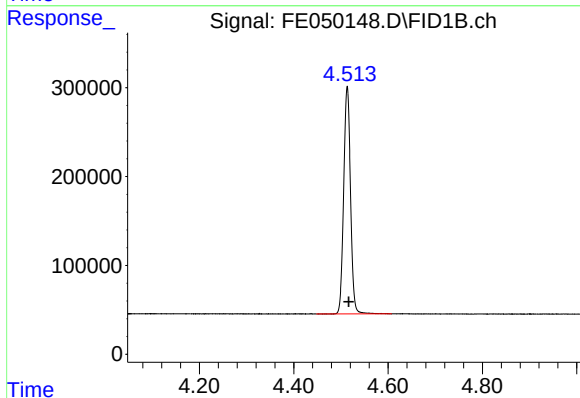




#1 n-Nonane (C9)

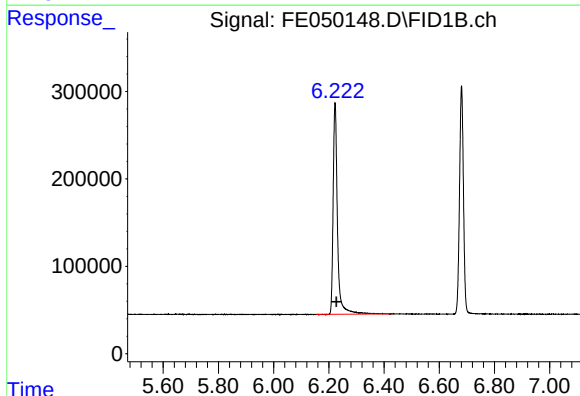
R.T.: 3.262 min
Delta R.T.: -0.004 min
Response: 2486795
Conc: 18.35 ug/ml

Instrument :
FID_E
ClientSampleId :



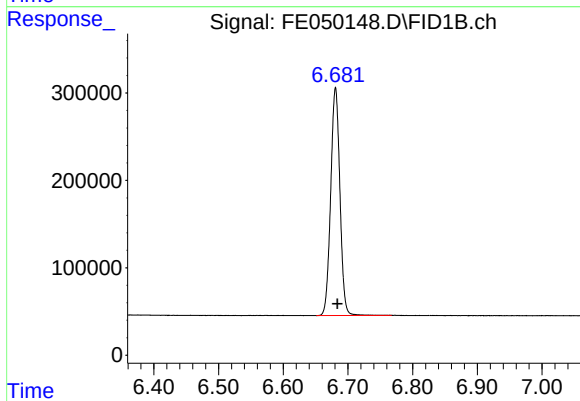
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.003 min
Response: 2572034
Conc: 18.64 ug/ml



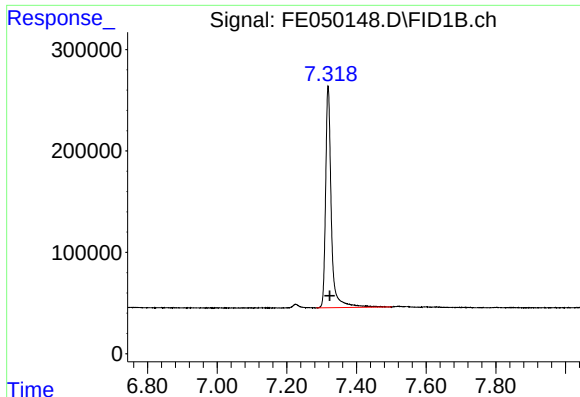
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 2646156
Conc: 18.91 ug/ml



#4 n-Dodecane (C12)

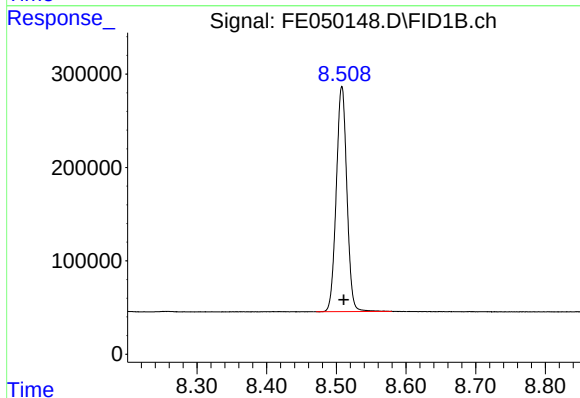
R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 2576539
Conc: 18.63 ug/ml



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

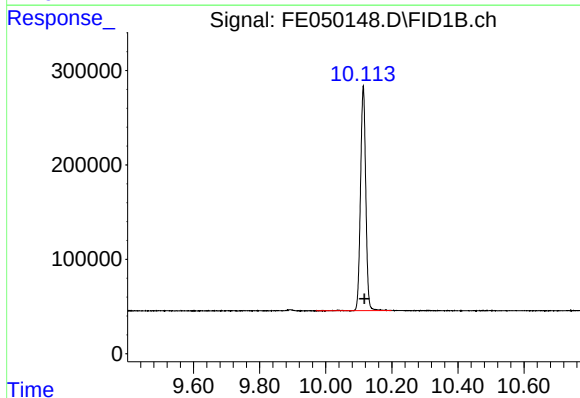
R.T.: 7.319 min
Delta R.T.: -0.004 min
Response: 2484312
Conc: 18.90 ug/ml

Instrument :
FID_E
ClientSampleId :



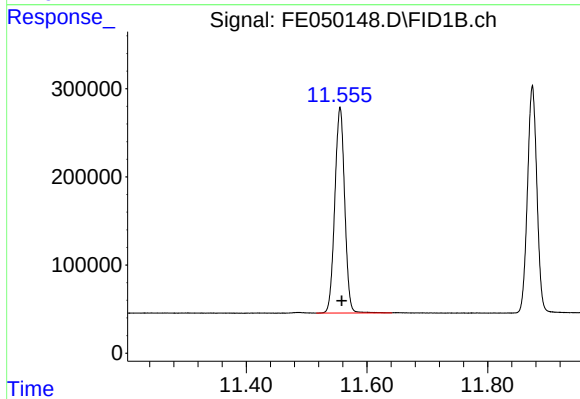
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 2550866
Conc: 18.73 ug/ml



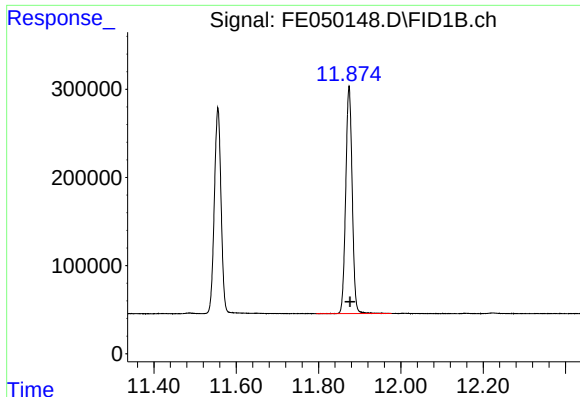
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 2619990
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

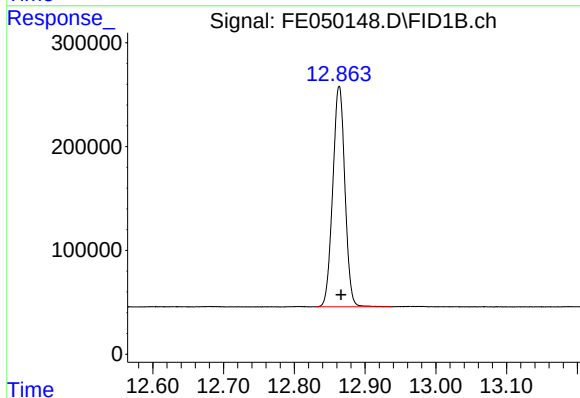
R.T.: 11.555 min
Delta R.T.: -0.003 min
Response: 2648464
Conc: 18.90 ug/ml



#9 ortho-Terphenyl (SURR)

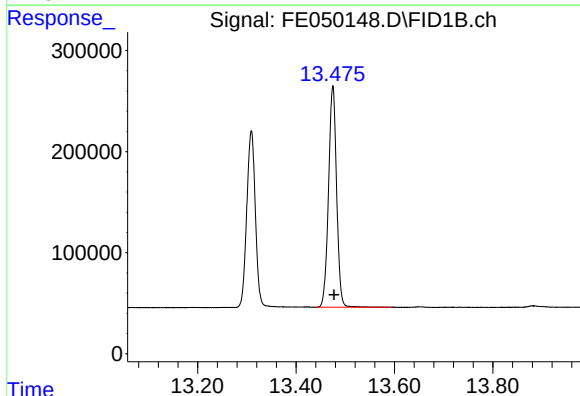
R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 2808227
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :



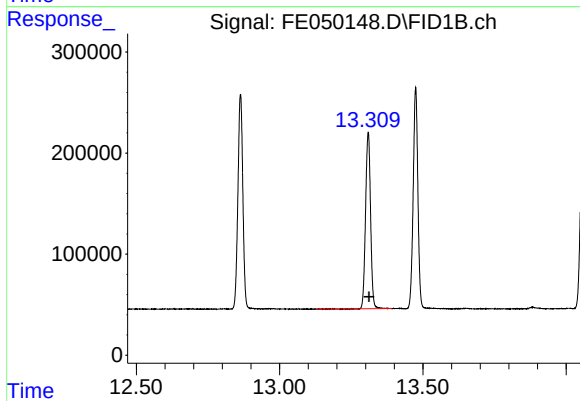
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.002 min
Response: 2536150
Conc: 18.91 ug/ml



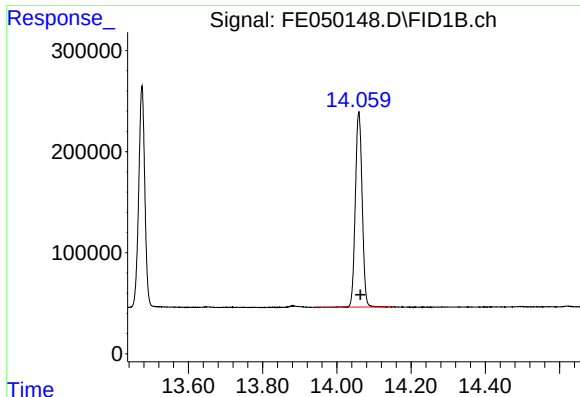
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.003 min
Response: 2496216
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

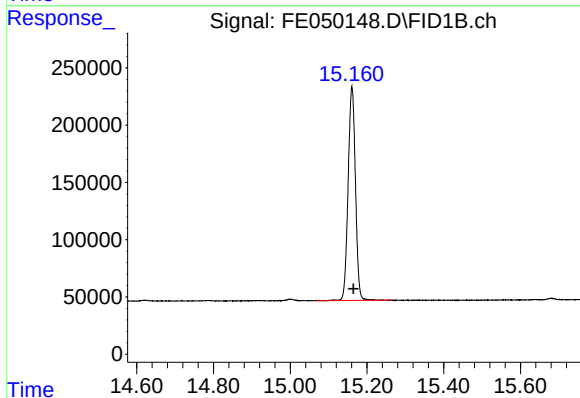
R.T.: 13.309 min
Delta R.T.: -0.002 min
Response: 2105804
Conc: 18.75 ug/ml



#13 n-Docosane (C22)

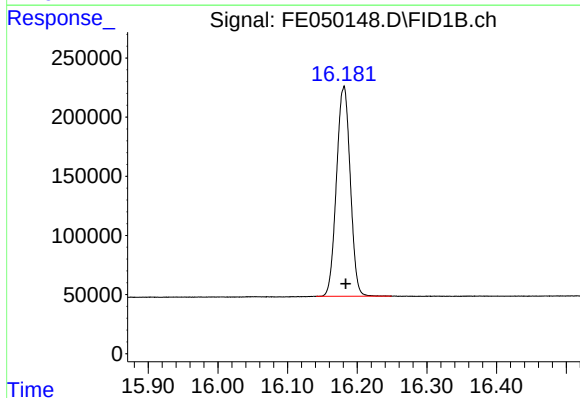
R.T.: 14.059 min
Delta R.T.: -0.004 min
Response: 2468477
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :



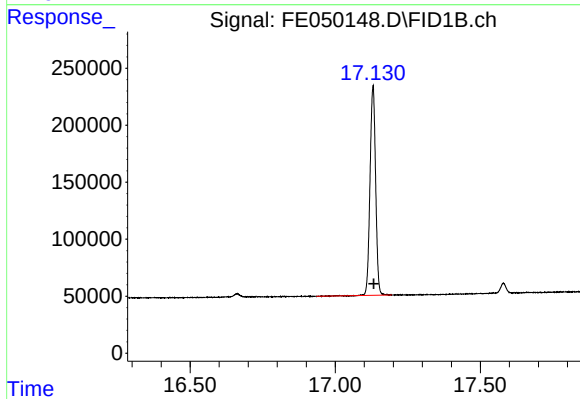
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.003 min
Response: 2472188
Conc: 18.93 ug/ml



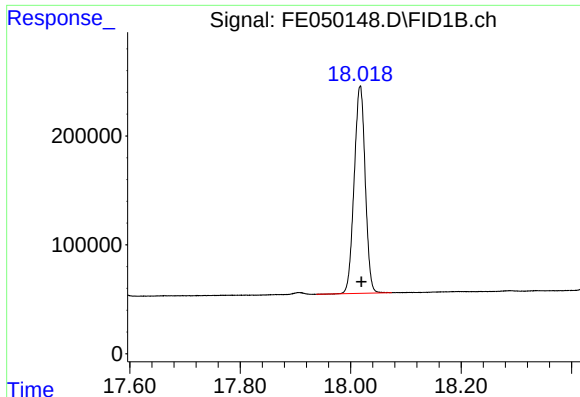
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.003 min
Response: 2435332
Conc: 19.04 ug/ml



#16 n-Octacosane (C28)

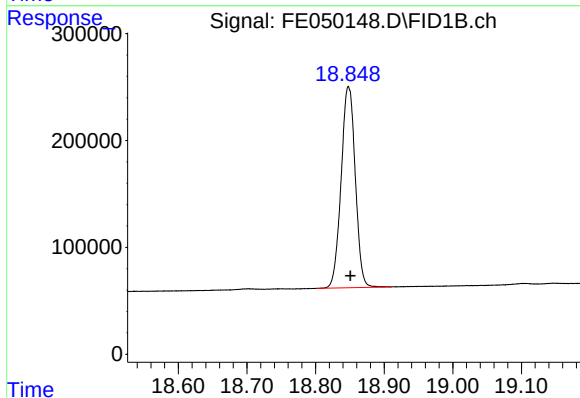
R.T.: 17.130 min
Delta R.T.: -0.003 min
Response: 2474678
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

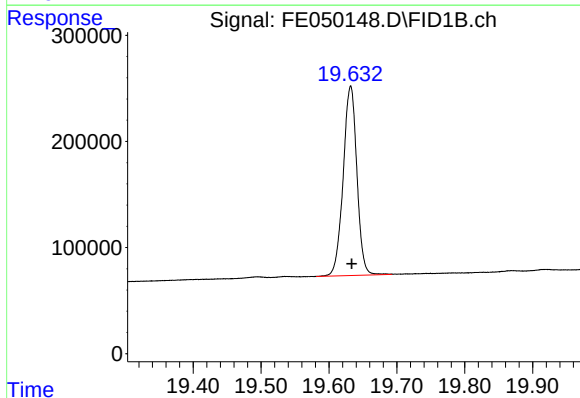
R.T.: 18.017 min
Delta R.T.: -0.003 min
Response: 2644227
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :



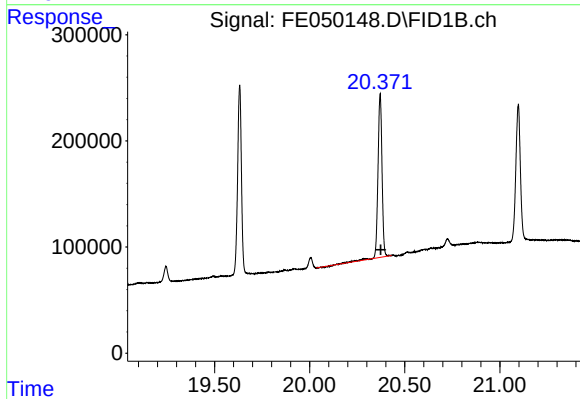
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 2695667
Conc: 20.23 ug/ml



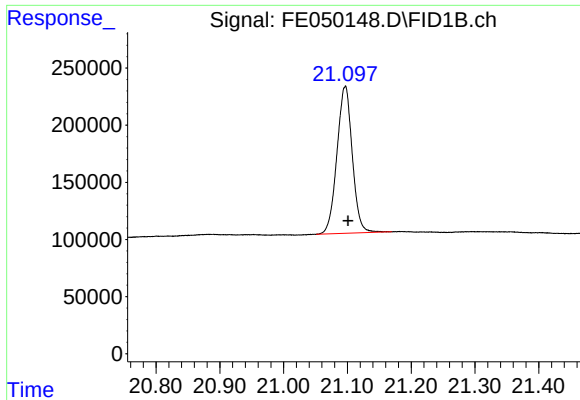
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.002 min
Response: 2506539
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

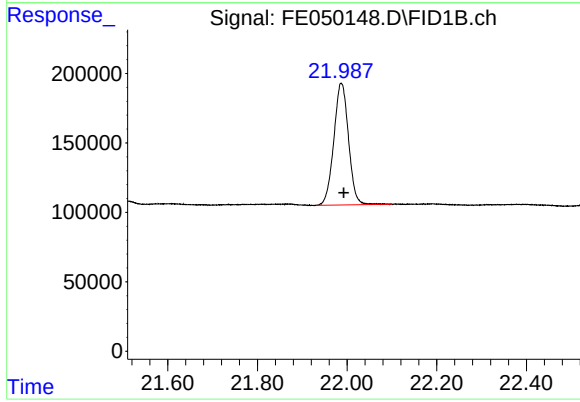
R.T.: 20.370 min
Delta R.T.: -0.003 min
Response: 2306666
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.004 min
Response: 2153672
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.005 min
Response: 1996958
Conc: 18.35 ug/ml