

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061824AL\
 Data File : FE048764.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2024 12:10
 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: Jun 19 01:21:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.937	2498344	17.398 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
12) S 1-chlorooctadecane (S...	13.371	1867287	17.140 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.326	2423611	16.211 ug/ml
2) T n-Decane (C10)	4.575	2552380	16.903 ug/ml
3) T A~Naphthalene (C11.7)	6.281	2476999	16.636 ug/ml
4) T n-Dodecane (C12)	6.740	2514190	16.985 ug/ml
5) T A~2-methylnaphthalene...	7.377	2326060	16.776 ug/ml
6) T n-Tetradecane (C14)	8.569	2435170	17.169 ug/ml
7) T n-Hexadecane (C16)	10.176	2441731	17.320 ug/ml
8) T n-Octadecane (C18)	11.618	2421563	17.436 ug/ml
10) T n-Eicosane (C20)	12.927	2305185	17.419 ug/ml
11) T n-Heneicosane (C21)	13.538	2251444	17.382 ug/ml
13) T n-Docosane (C22)	14.124	2269704	17.613 ug/ml
14) T n-Tetracosane (C24)	15.226	2349736	18.138 ug/ml
15) T n-Hexacosane (C26)	16.246	2423948	18.702 ug/ml
16) T n-Octacosane (C28)	17.195	2599038	20.108 ug/ml
17) T n-Tricontane (C30)	18.081	2924632	21.832 ug/ml
18) T n-Dotriacontane (C32)	18.912	3021378	22.258 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2822570	20.633 ug/ml
20) T n-Hexatriacontane (C36)	20.434	2558252	18.820 ug/ml
21) T n-Octatriacontane (C38)	21.172	2484962	18.222 ug/ml
22) T n-Tetracontane (C40)	22.082	2438987	17.813 ug/ml

(f)=RT Delta > 1/2 Window

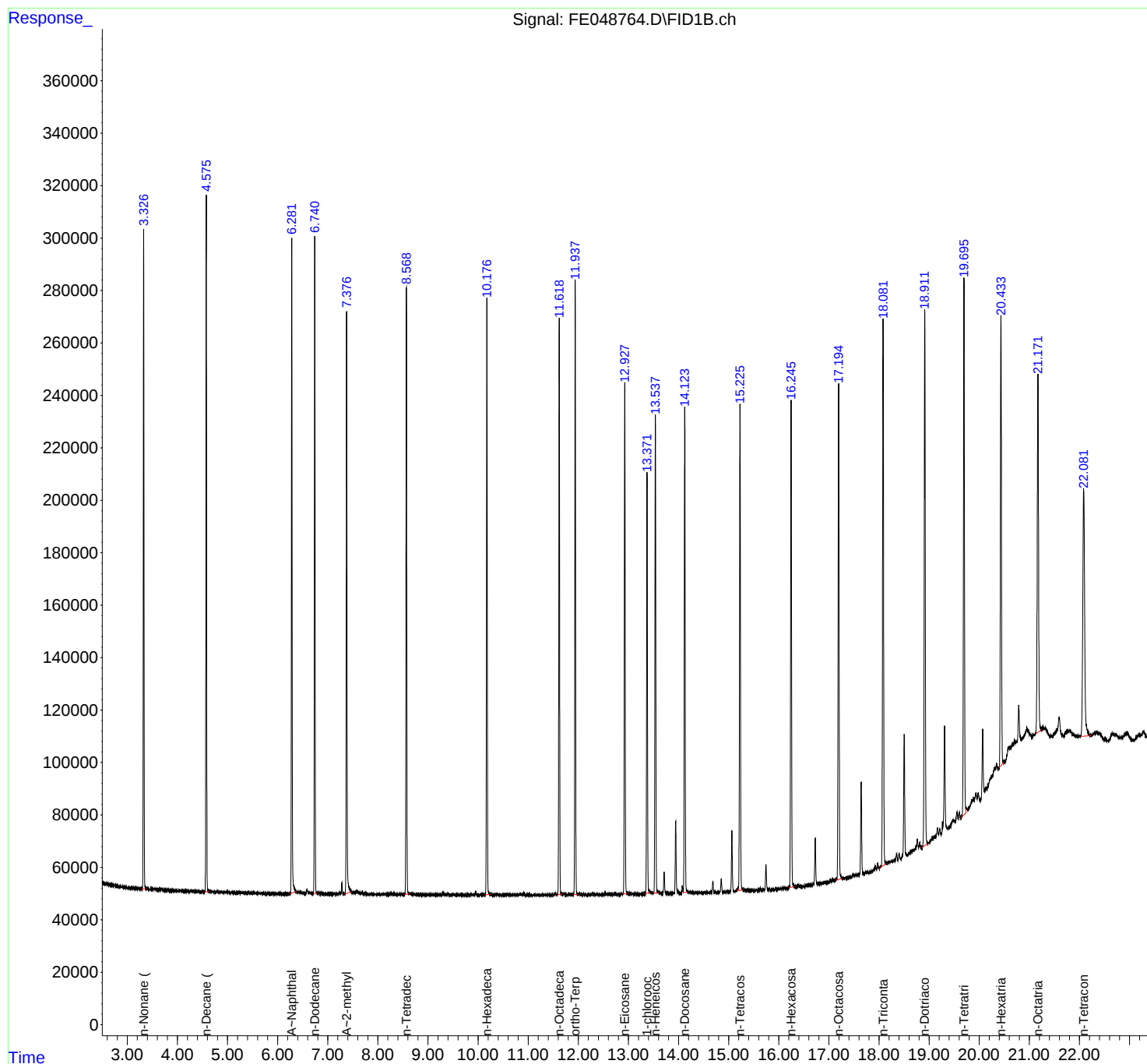
(m)=manual int.

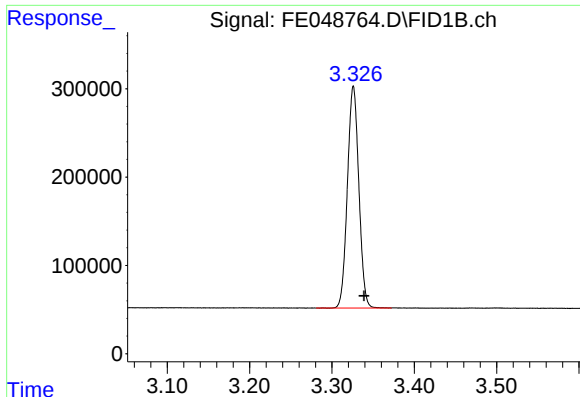
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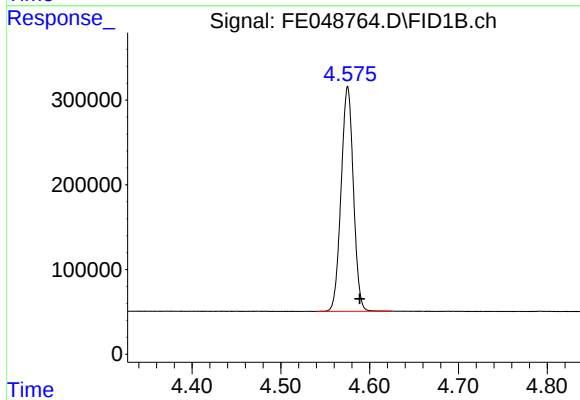




#1 n-Nonane (C9)

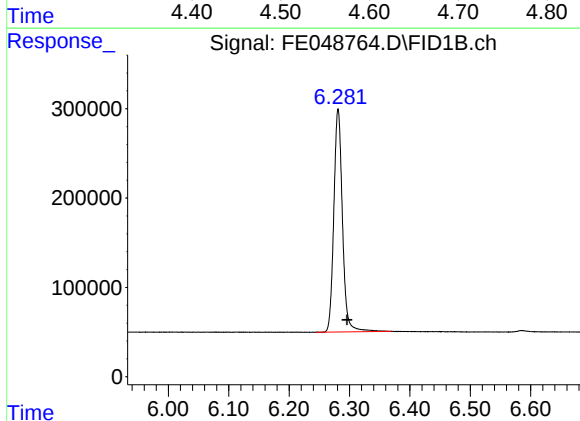
R.T.: 3.326 min
Delta R.T.: -0.013 min
Response: 2423611
Conc: 16.21 ug/ml

Instrument :
FID_E
ClientSampleId :



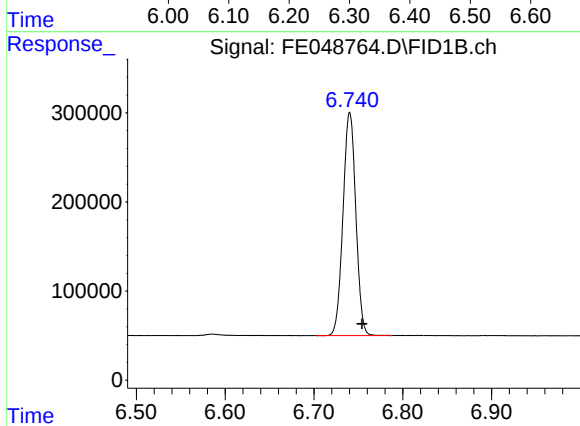
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.014 min
Response: 2552380
Conc: 16.90 ug/ml



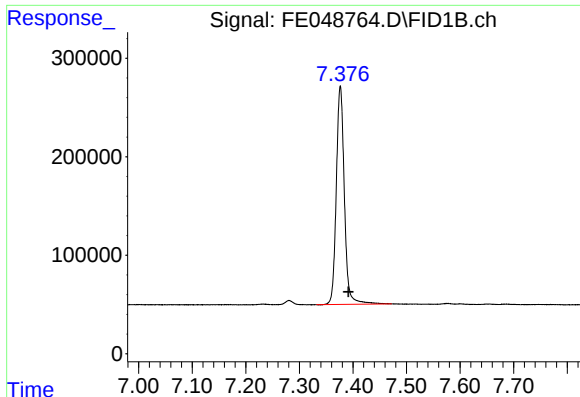
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.015 min
Response: 2476999
Conc: 16.64 ug/ml



#4 n-Dodecane (C12)

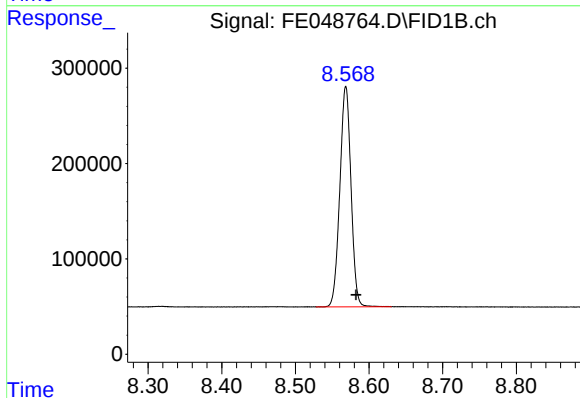
R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 2514190
Conc: 16.98 ug/ml



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

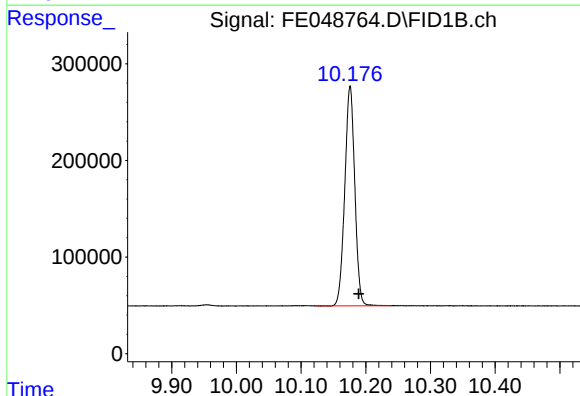
R.T.: 7.377 min
Delta R.T.: -0.015 min
Response: 2326060
Conc: 16.78 ug/ml

Instrument :
FID_E
ClientSampleId :



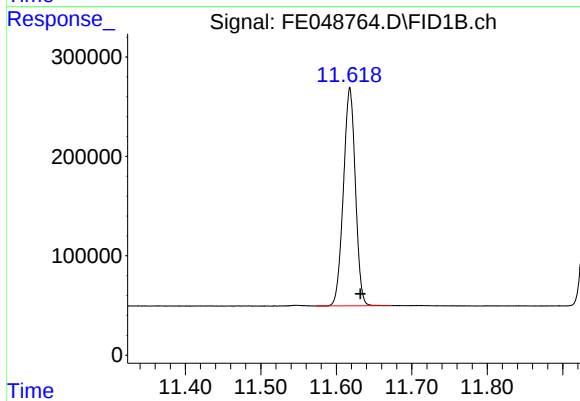
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.014 min
Response: 2435170
Conc: 17.17 ug/ml



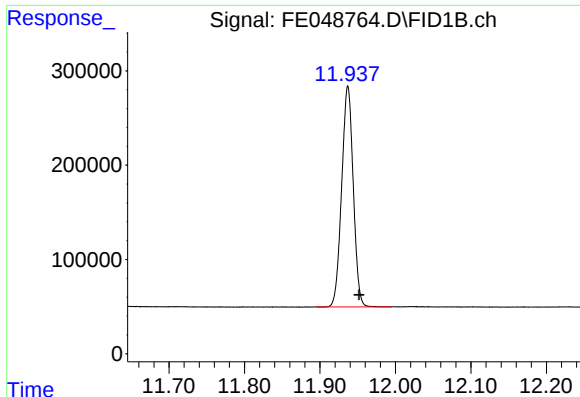
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.013 min
Response: 2441731
Conc: 17.32 ug/ml



#8 n-Octadecane (C18)

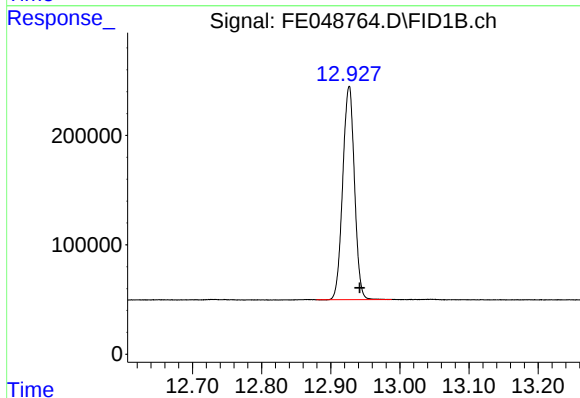
R.T.: 11.618 min
Delta R.T.: -0.014 min
Response: 2421563
Conc: 17.44 ug/ml



#9 ortho-Terphenyl (SURR)

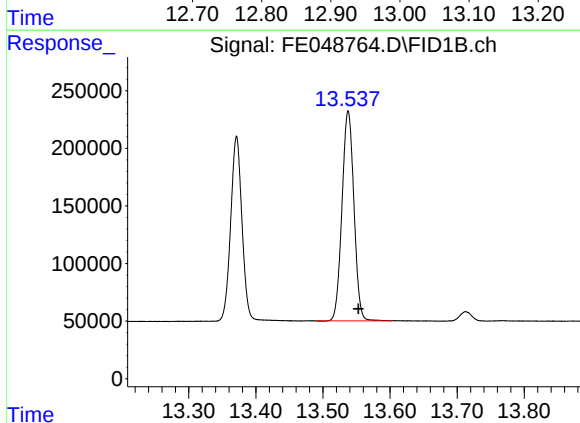
R.T.: 11.937 min
Delta R.T.: -0.015 min
Response: 2498344
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



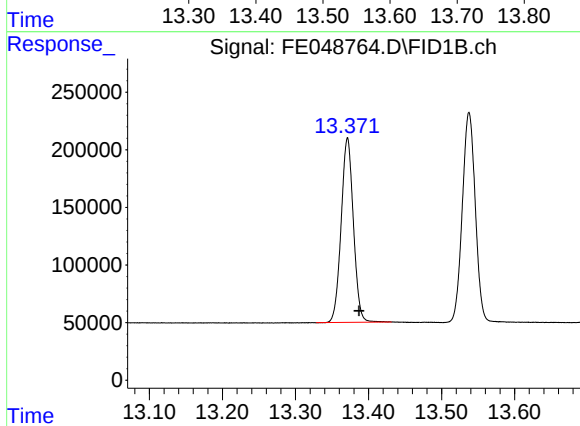
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.015 min
Response: 2305185
Conc: 17.42 ug/ml



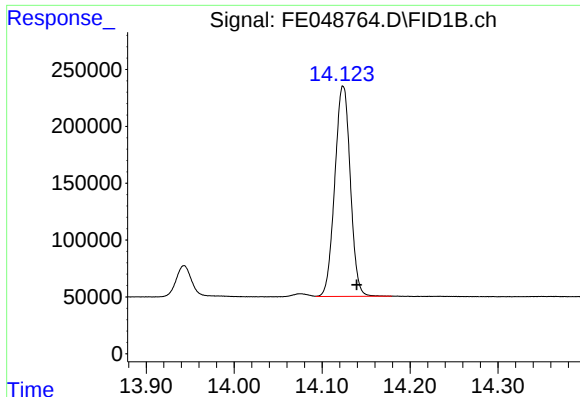
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.015 min
Response: 2251444
Conc: 17.38 ug/ml



#12 1-chlorooctadecane (SURR)

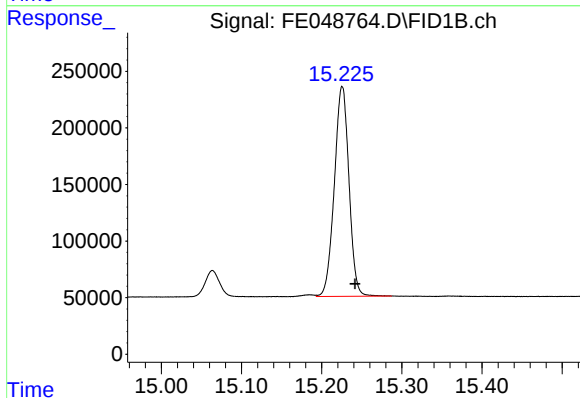
R.T.: 13.371 min
Delta R.T.: -0.016 min
Response: 1867287
Conc: 17.14 ug/ml



#13 n-Docosane (C22)

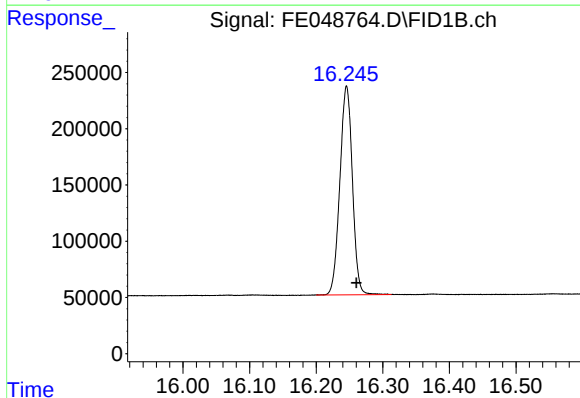
R.T.: 14.124 min
Delta R.T.: -0.015 min
Response: 2269704
Conc: 17.61 ug/ml

Instrument :
FID_E
ClientSampleId :



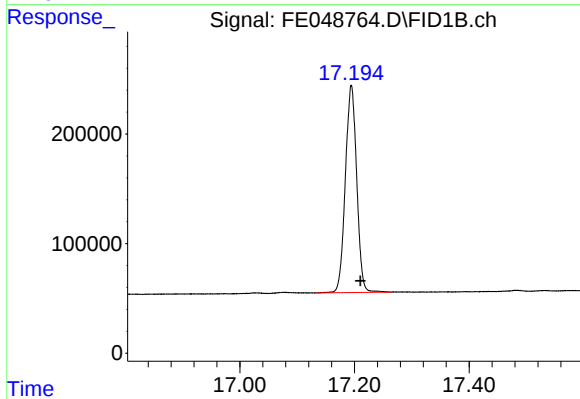
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.016 min
Response: 2349736
Conc: 18.14 ug/ml



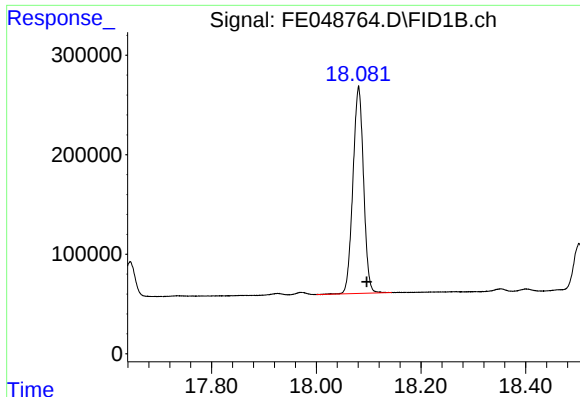
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.015 min
Response: 2423948
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

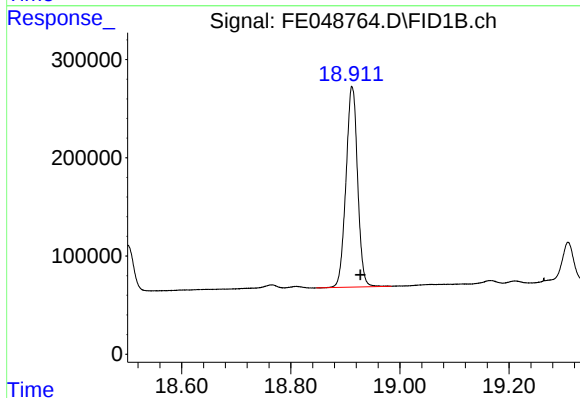
R.T.: 17.195 min
Delta R.T.: -0.016 min
Response: 2599038
Conc: 20.11 ug/ml



#17 n-Tricontane (C30)

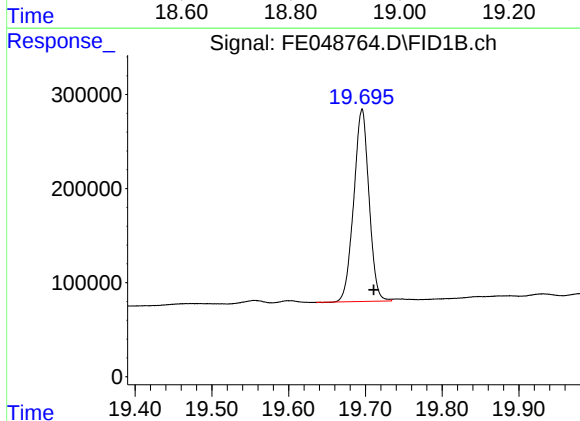
R.T.: 18.081 min
Delta R.T.: -0.015 min
Response: 2924632
Conc: 21.83 ug/ml

Instrument :
FID_E
ClientSampleId :



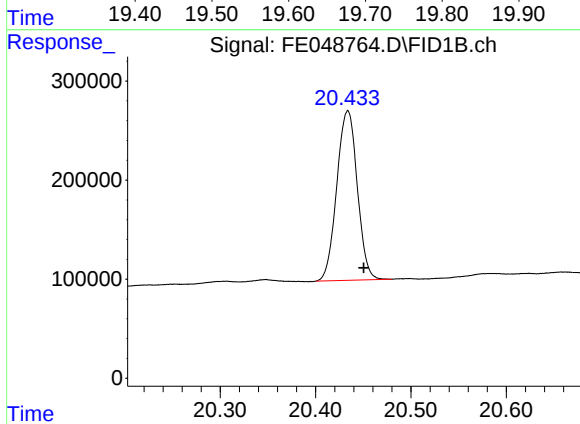
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.015 min
Response: 3021378
Conc: 22.26 ug/ml



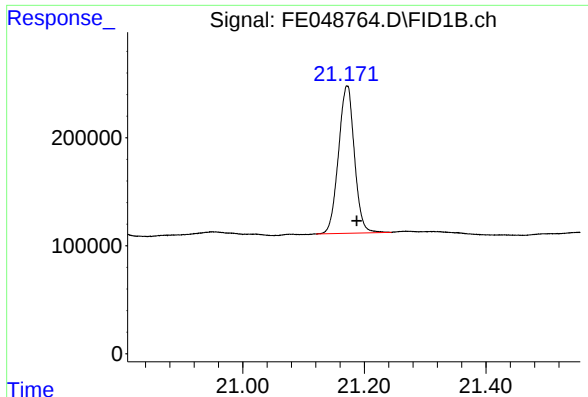
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.015 min
Response: 2822570
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

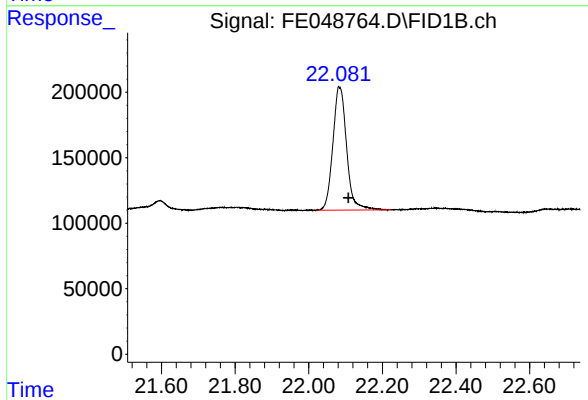
R.T.: 20.434 min
Delta R.T.: -0.017 min
Response: 2558252
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.016 min
Response: 2484962
Conc: 18.22 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.025 min
Response: 2438987
Conc: 17.81 ug/ml