

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048664.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2024 08:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 13 01:24:13 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)	11.943	2728048	18.998 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	13.378	2029581	18.630 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.330	2519690	16.853 ug/ml
2) T n-Decane (C10)	4.579	2722819	18.032 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2701311	18.142 ug/ml
4) T n-Dodecane (C12)	6.745	2729070	18.436 ug/ml
5) T A~2-methylnaphthalene...	7.382	2560025	18.463 ug/ml
6) T n-Tetradecane (C14)	8.573	2654293	18.714 ug/ml
7) T n-Hexadecane (C16)	10.180	2690272	19.083 ug/ml
8) T n-Octadecane (C18)	11.623	2661971	19.167 ug/ml
10) T n-Eicosane (C20)	12.932	2515732	19.010 ug/ml
11) T n-Heneicosane (C21)	13.543	2448688	18.904 ug/ml
13) T n-Docosane (C22)	14.130	2451562	19.025 ug/ml
14) T n-Tetracosane (C24)	15.232	2498654	19.287 ug/ml
15) T n-Hexacosane (C26)	16.252	2511657	19.379 ug/ml
16) T n-Octacosane (C28)	17.201	2620444	20.274 ug/ml
17) T n-Tricontane (C30)	18.088	2906379	21.696 ug/ml
18) T n-Dotriacontane (C32)	18.921	3033468	22.347 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2920218	21.346 ug/ml
20) T n-Hexatriacontane (C36)	20.441	2754943	20.267 ug/ml
21) T n-Octatriacontane (C38)	21.178	2630039	19.286 ug/ml
22) T n-Tetracontane (C40)	22.094	2547135	18.603 ug/ml

(f)=RT Delta > 1/2 Window

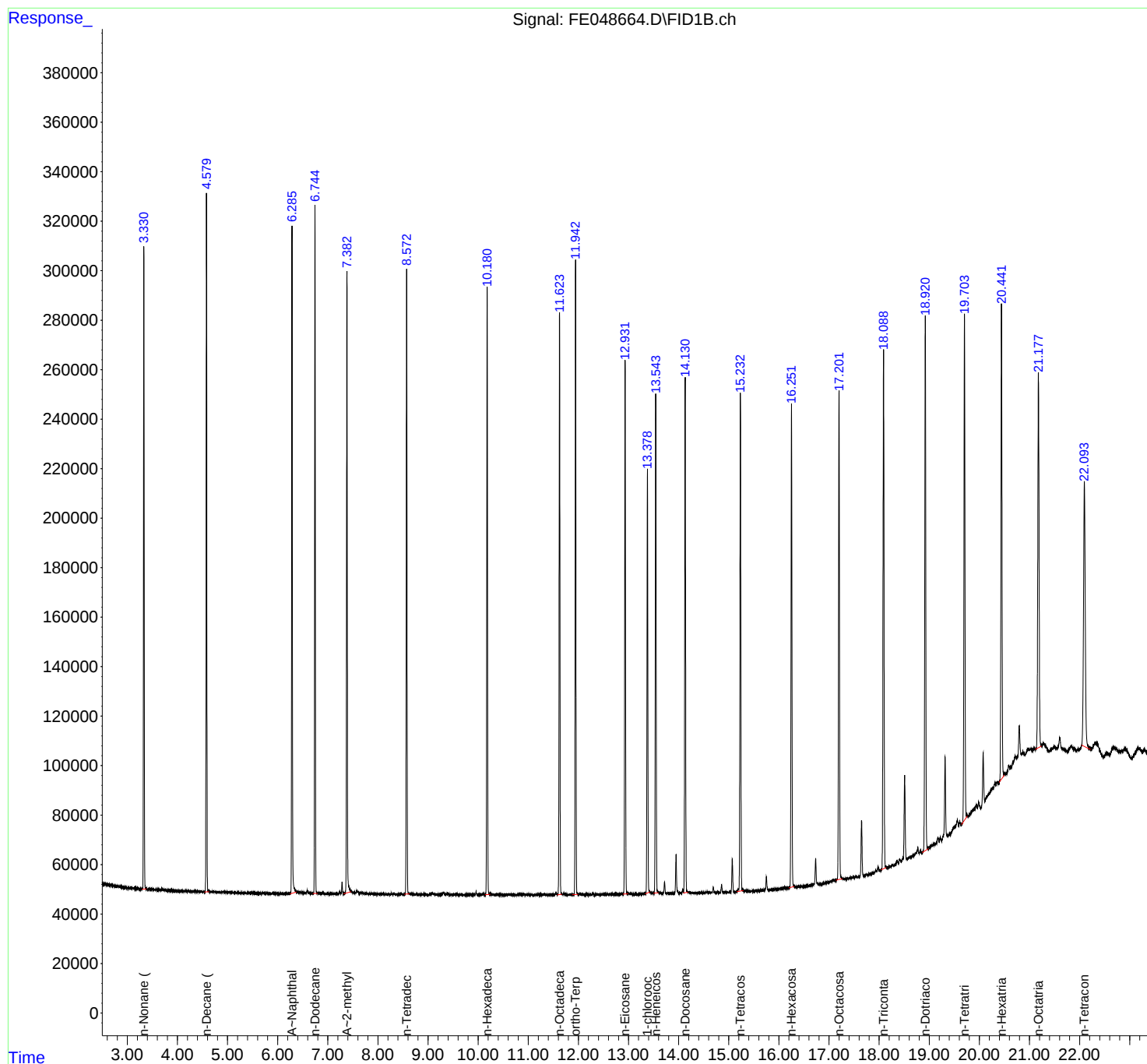
(m)=manual int.

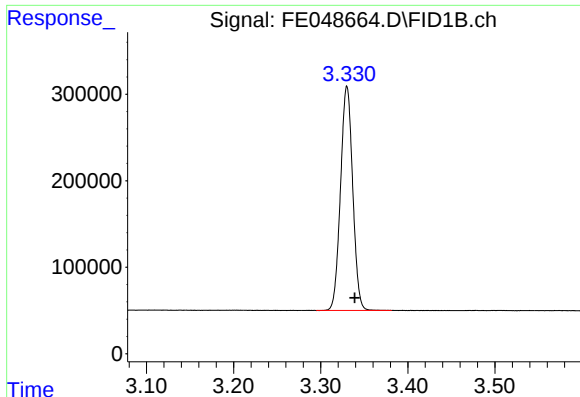
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
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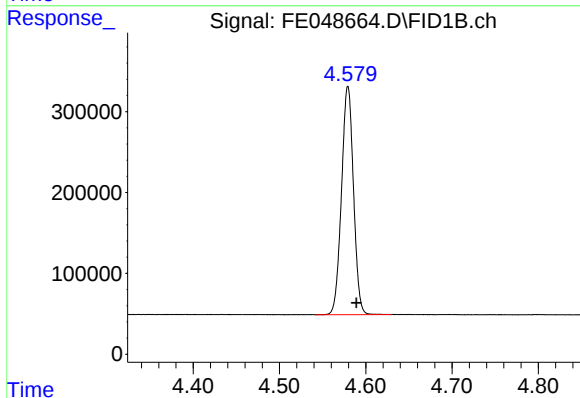




#1 n-Nonane (C9)

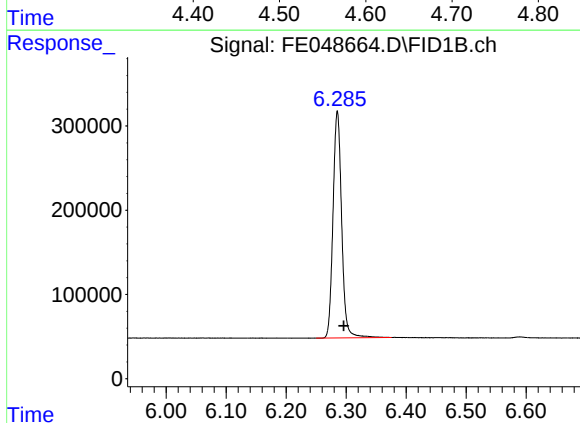
R.T.: 3.330 min
Delta R.T.: -0.009 min
Response: 2519690
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :



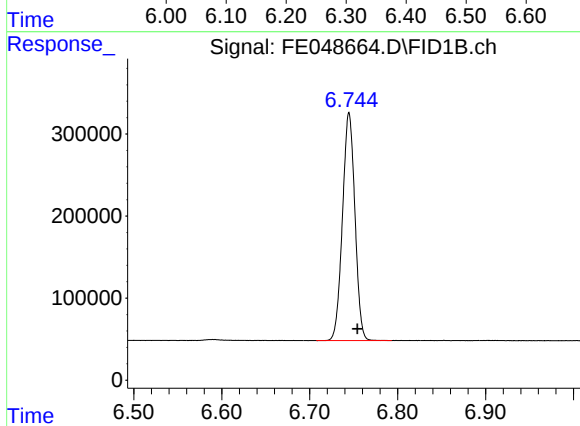
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.010 min
Response: 2722819
Conc: 18.03 ug/ml



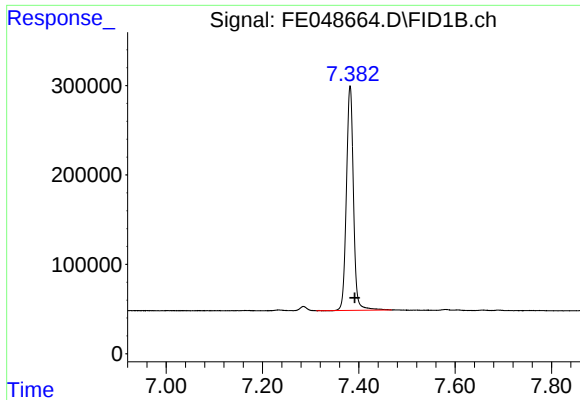
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.011 min
Response: 2701311
Conc: 18.14 ug/ml



#4 n-Dodecane (C12)

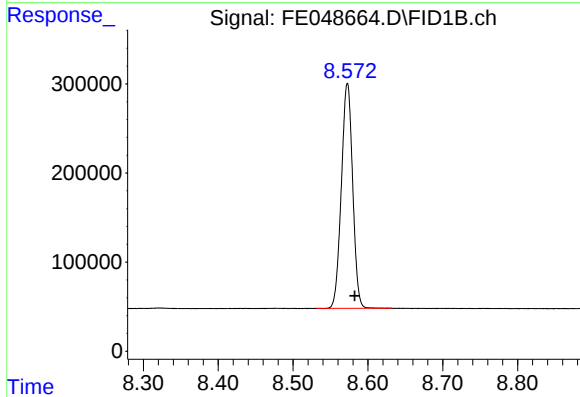
R.T.: 6.745 min
Delta R.T.: -0.009 min
Response: 2729070
Conc: 18.44 ug/ml



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

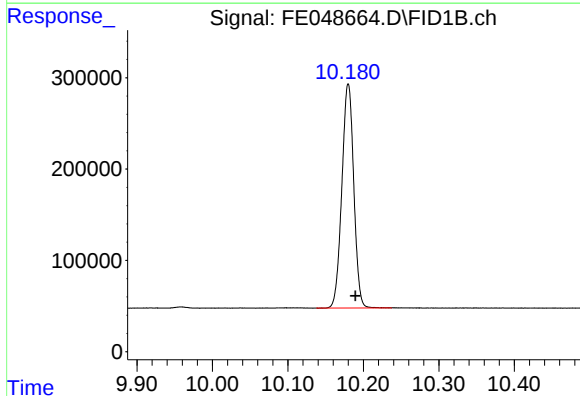
R.T.: 7.382 min
Delta R.T.: -0.009 min
Response: 2560025
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :



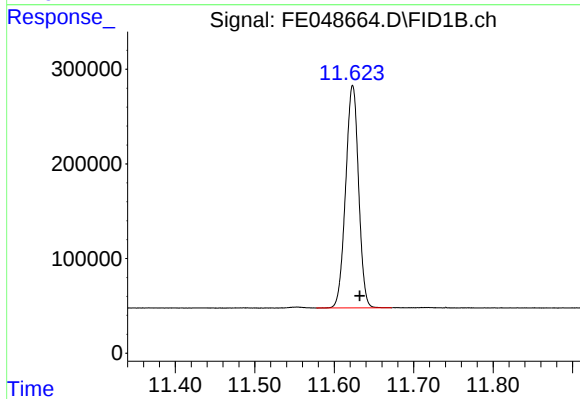
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.010 min
Response: 2654293
Conc: 18.71 ug/ml



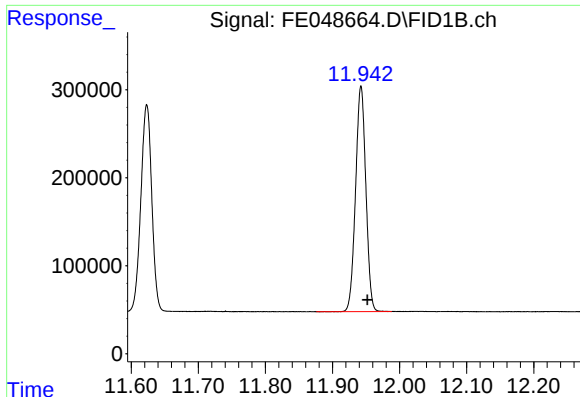
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.009 min
Response: 2690272
Conc: 19.08 ug/ml



#8 n-Octadecane (C18)

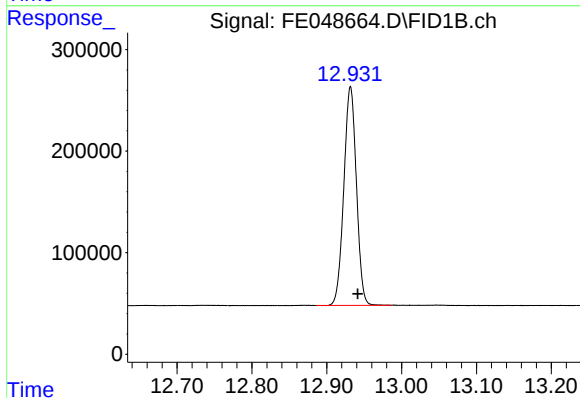
R.T.: 11.623 min
Delta R.T.: -0.009 min
Response: 2661971
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

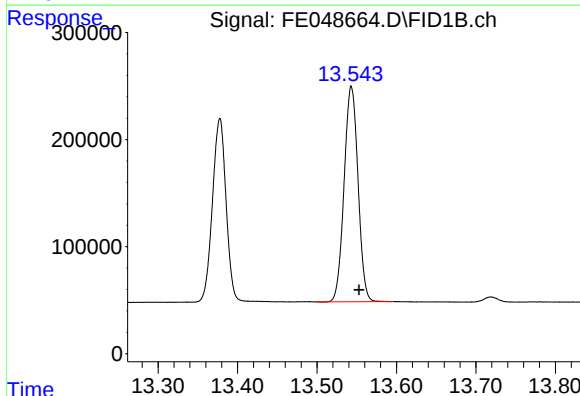
R.T.: 11.943 min
Delta R.T.: -0.009 min
Response: 2728048
Conc: 19.00 ug/ml

Instrument :
FID_E
ClientSampleId :



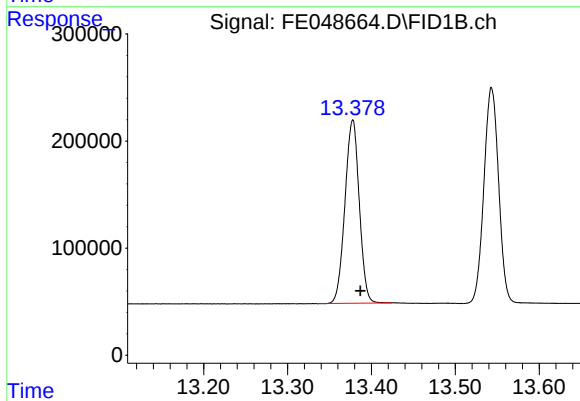
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.010 min
Response: 2515732
Conc: 19.01 ug/ml



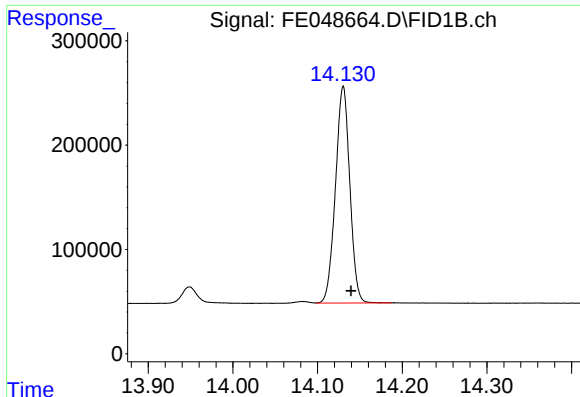
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.010 min
Response: 2448688
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

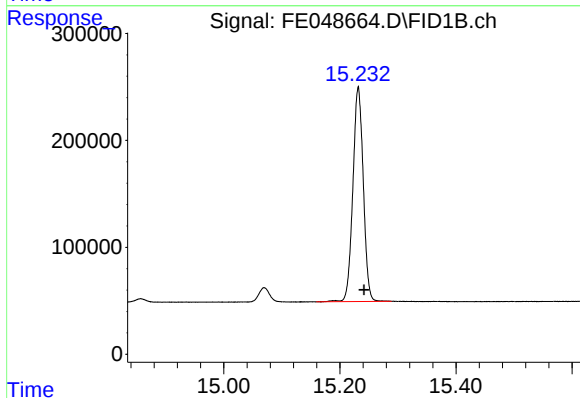
R.T.: 13.378 min
Delta R.T.: -0.009 min
Response: 2029581
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

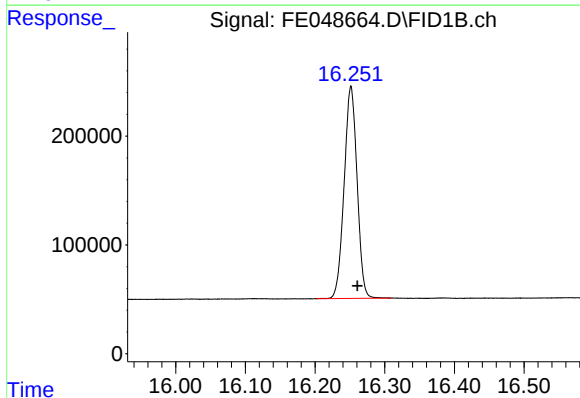
R.T.: 14.130 min
Delta R.T.: -0.009 min
Response: 2451562
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :



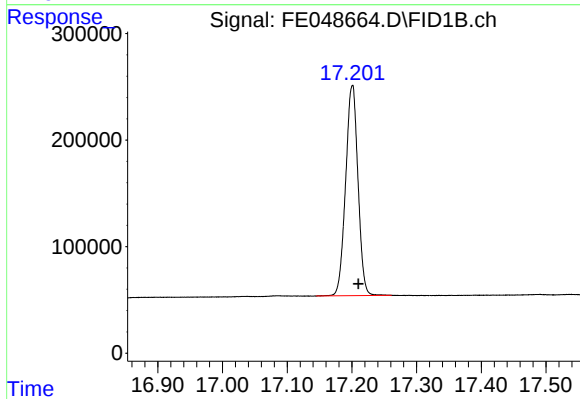
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.010 min
Response: 2498654
Conc: 19.29 ug/ml



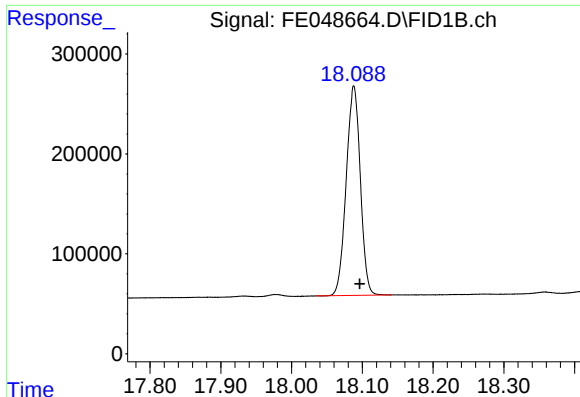
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.009 min
Response: 2511657
Conc: 19.38 ug/ml



#16 n-Octacosane (C28)

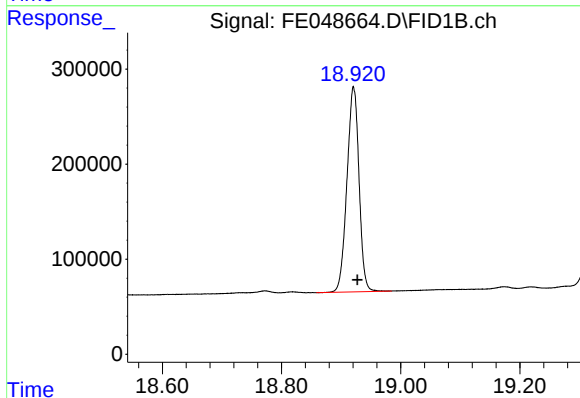
R.T.: 17.201 min
Delta R.T.: -0.010 min
Response: 2620444
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

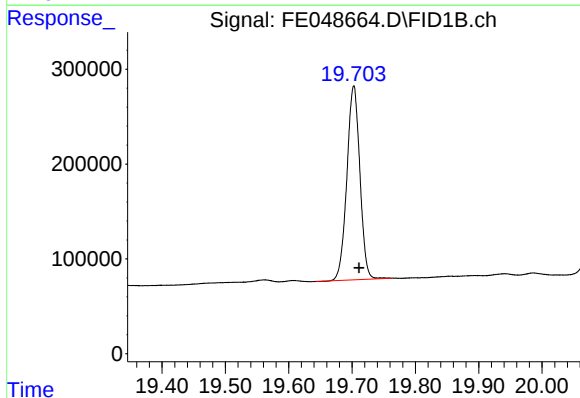
R.T.: 18.088 min
Delta R.T.: -0.008 min
Response: 2906379
Conc: 21.70 ug/ml

Instrument :
FID_E
ClientSampleId :



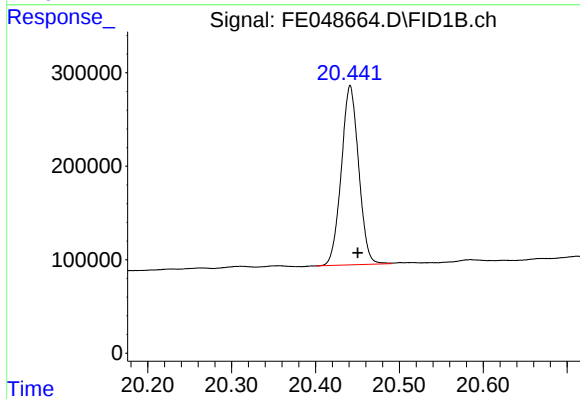
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.007 min
Response: 3033468
Conc: 22.35 ug/ml



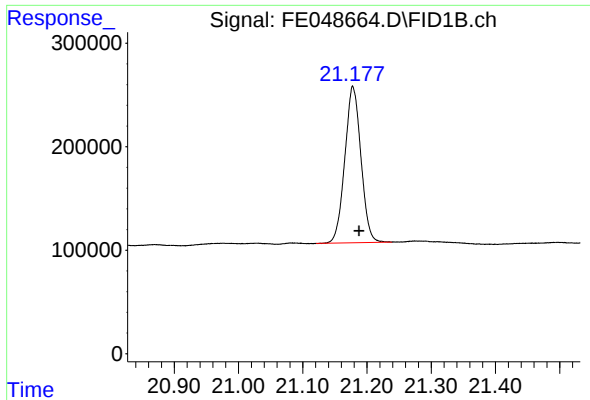
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.008 min
Response: 2920218
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

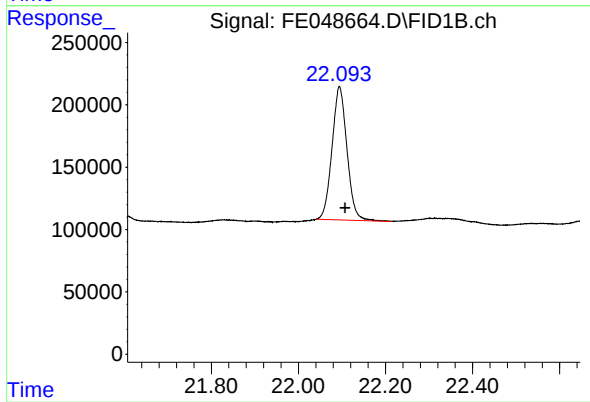
R.T.: 20.441 min
Delta R.T.: -0.009 min
Response: 2754943
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.010 min
Response: 2630039
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.013 min
Response: 2547135
Conc: 18.60 ug/ml