

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081924AL\
 Data File : FE049656.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2024 09:03
 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: Aug 20 01:33:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.893	3472351	21.473 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
12) S 1-chlorooctadecane (S...	13.329	2649927	21.720 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
Target Compounds			
1) T n-Nonane (C9)	3.278	3060956	19.780 ug/ml
2) T n-Decane (C10)	4.529	3268515	20.701 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3356599	20.919 ug/ml
4) T n-Dodecane (C12)	6.697	3305665	21.027 ug/ml
5) T A~2-methylnaphthalene...	7.334	3215228	21.470 ug/ml
6) T n-Tetradecane (C14)	8.525	3256122	21.092 ug/ml
7) T n-Hexadecane (C16)	10.132	3338592	21.376 ug/ml
8) T n-Octadecane (C18)	11.575	3361634	21.404 ug/ml
10) T n-Eicosane (C20)	12.883	3212723	21.518 ug/ml
11) T n-Heneicosane (C21)	13.494	3160226	21.543 ug/ml
13) T n-Docosane (C22)	14.079	3142278	21.559 ug/ml
14) T n-Tetracosane (C24)	15.182	3145494	21.624 ug/ml
15) T n-Hexacosane (C26)	16.203	3119974	21.618 ug/ml
16) T n-Octacosane (C28)	17.152	3187830	22.132 ug/ml
17) T n-Tricontane (C30)	18.039	3491315	23.321 ug/ml
18) T n-Dotriacontane (C32)	18.871	3631374	24.004 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3700886	24.208 ug/ml
20) T n-Hexatriacontane (C36)	20.394	3577313	23.558 ug/ml
21) T n-Octatriacontane (C38)	21.123	3539411	22.551 ug/ml
22) T n-Tetracontane (C40)	22.021	3060131	20.043 ug/ml

(f)=RT Delta > 1/2 Window

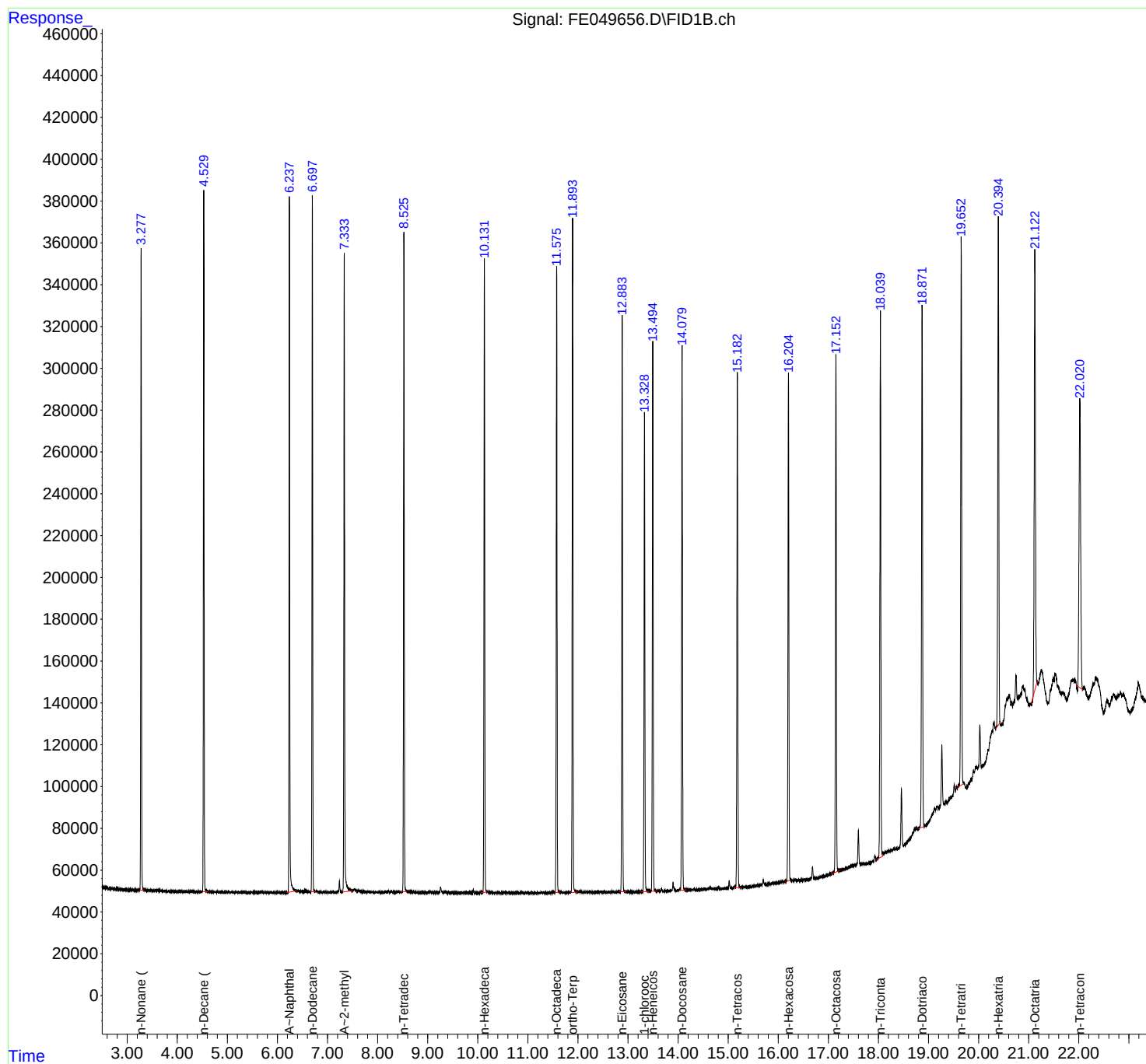
(m)=manual int.

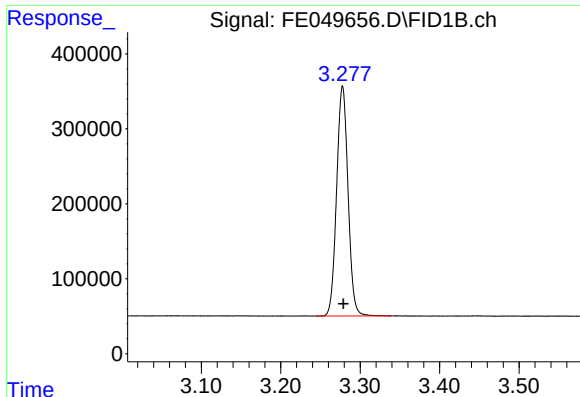
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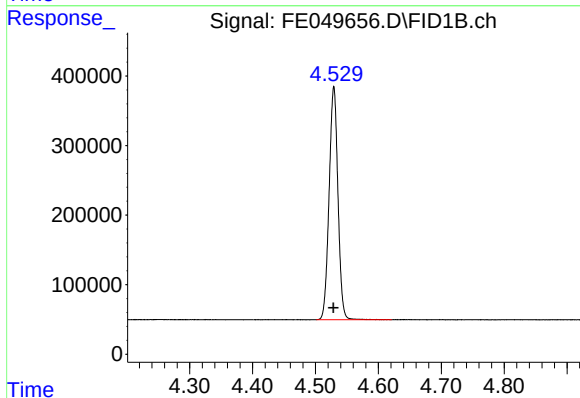




#1 n-Nonane (C9)

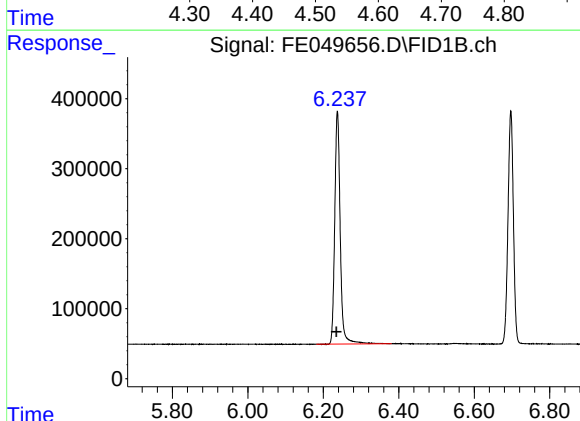
R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 3060956
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :



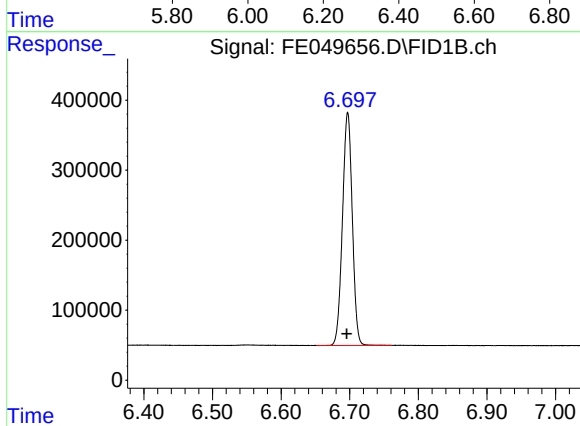
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 3268515
Conc: 20.70 ug/ml



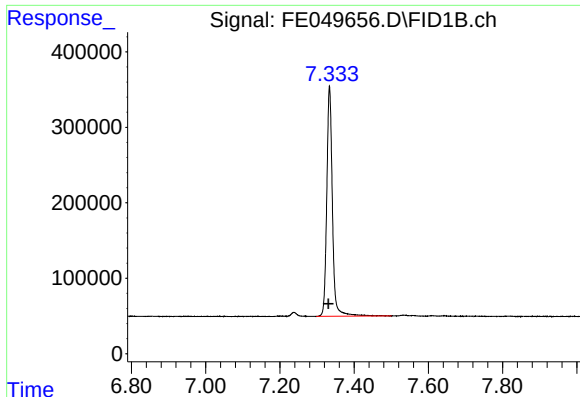
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.003 min
Response: 3356599
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

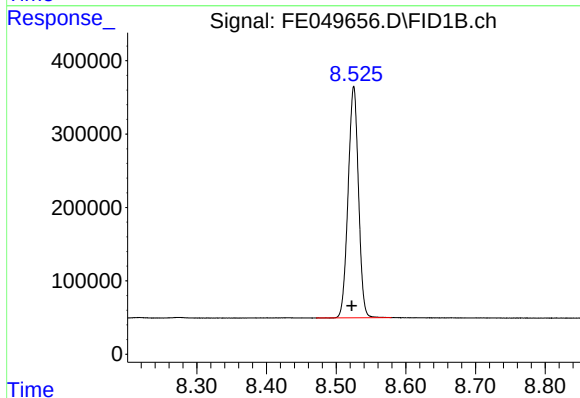
R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 3305665
Conc: 21.03 ug/ml



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

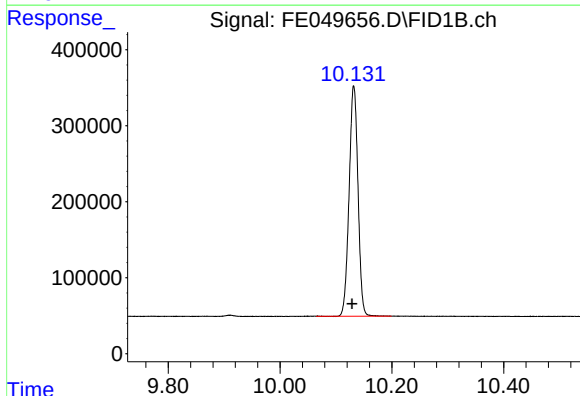
R.T.: 7.334 min
Delta R.T.: 0.003 min
Response: 3215228
Conc: 21.47 ug/ml

Instrument :
FID_E
ClientSampleId :



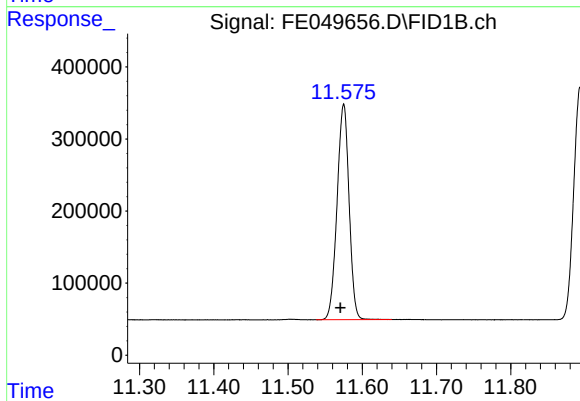
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: 0.003 min
Response: 3256122
Conc: 21.09 ug/ml



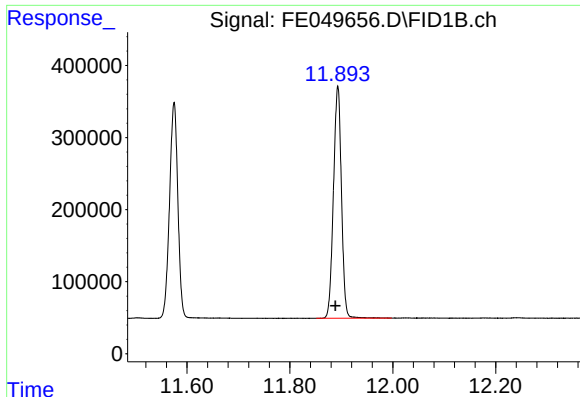
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: 0.003 min
Response: 3338592
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

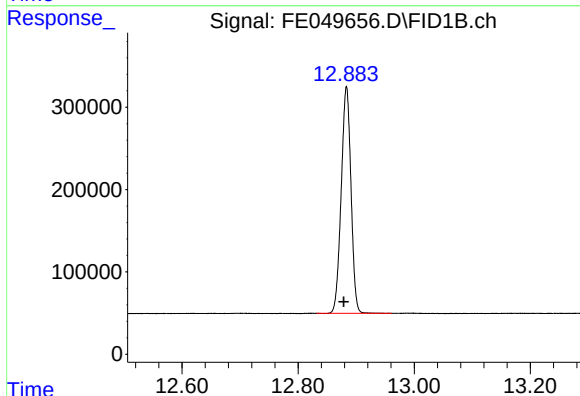
R.T.: 11.575 min
Delta R.T.: 0.004 min
Response: 3361634
Conc: 21.40 ug/ml



#9 ortho-Terphenyl (SURR)

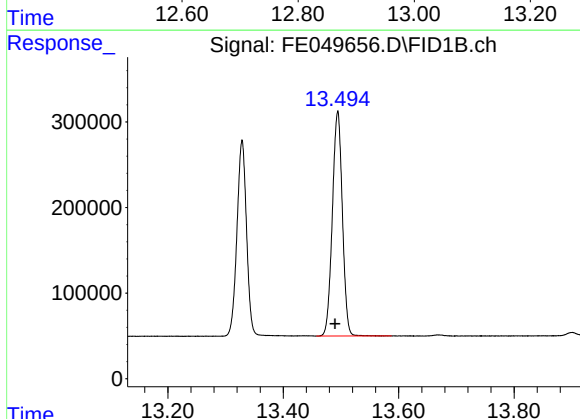
R.T.: 11.893 min
Delta R.T.: 0.005 min
Response: 3472351
Conc: 21.47 ug/ml

Instrument :
FID_E
ClientSampleId :



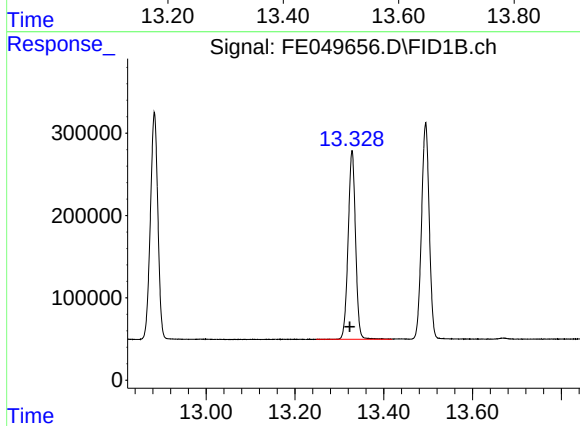
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.005 min
Response: 3212723
Conc: 21.52 ug/ml



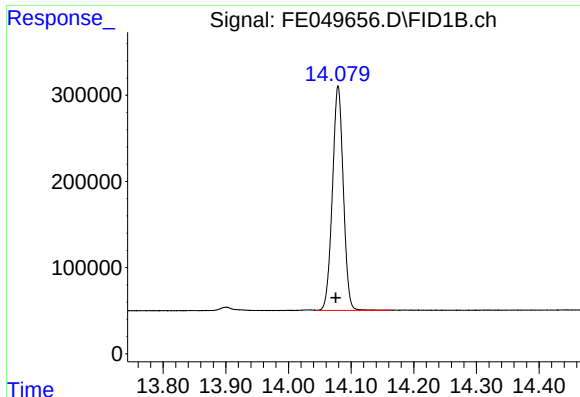
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: 0.004 min
Response: 3160226
Conc: 21.54 ug/ml



#12 1-chlorooctadecane (SURR)

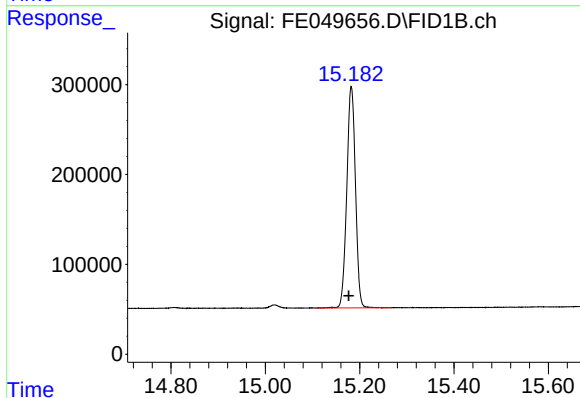
R.T.: 13.329 min
Delta R.T.: 0.005 min
Response: 2649927
Conc: 21.72 ug/ml



#13 n-Docosane (C22)

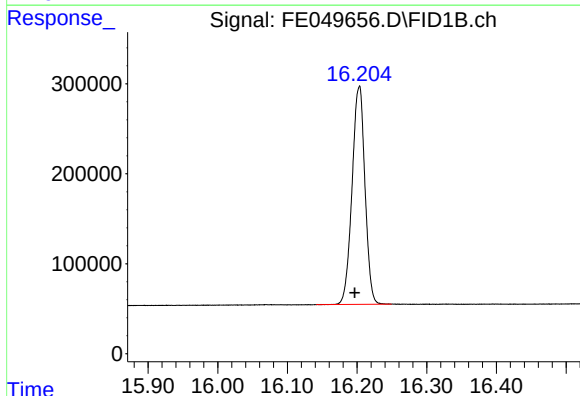
R.T.: 14.079 min
Delta R.T.: 0.004 min
Response: 3142278
Conc: 21.56 ug/ml

Instrument :
FID_E
ClientSampleId :



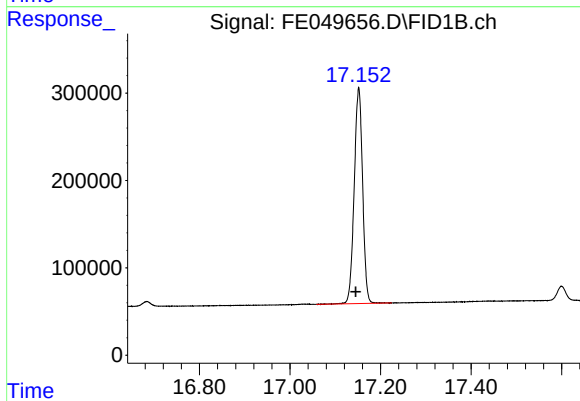
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: 0.005 min
Response: 3145494
Conc: 21.62 ug/ml



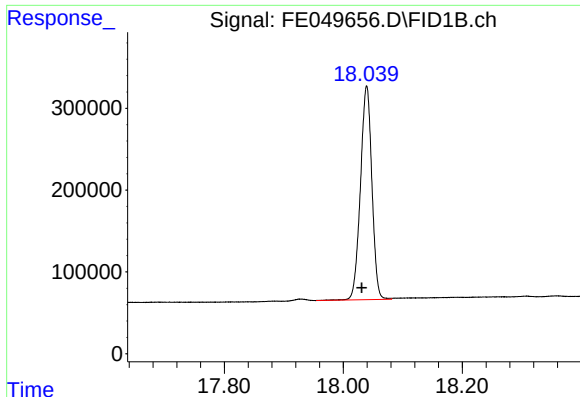
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 3119974
Conc: 21.62 ug/ml



#16 n-Octacosane (C28)

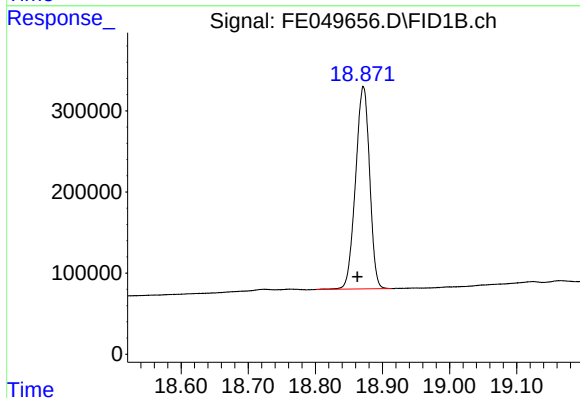
R.T.: 17.152 min
Delta R.T.: 0.007 min
Response: 3187830
Conc: 22.13 ug/ml



#17 n-Tricontane (C30)

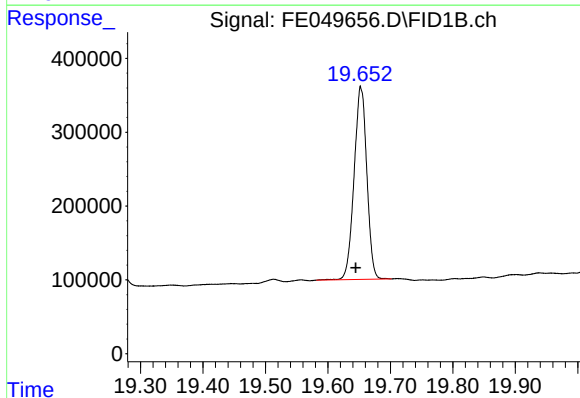
R.T.: 18.039 min
Delta R.T.: 0.008 min
Response: 3491315
Conc: 23.32 ug/ml

Instrument :
FID_E
ClientSampleId :



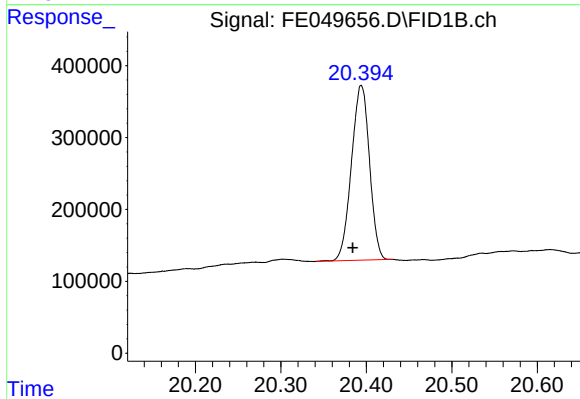
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: 0.009 min
Response: 3631374
Conc: 24.00 ug/ml



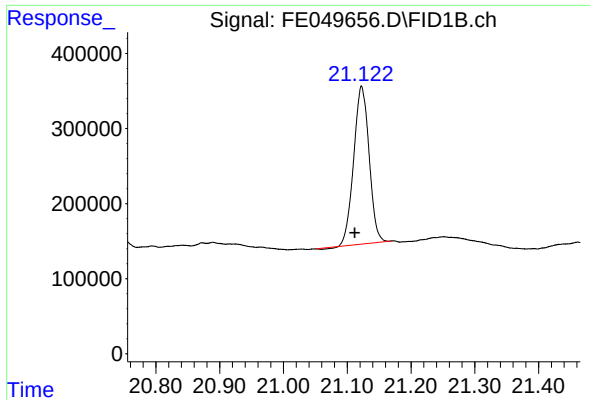
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.008 min
Response: 3700886
Conc: 24.21 ug/ml



#20 n-Hexatriacontane (C36)

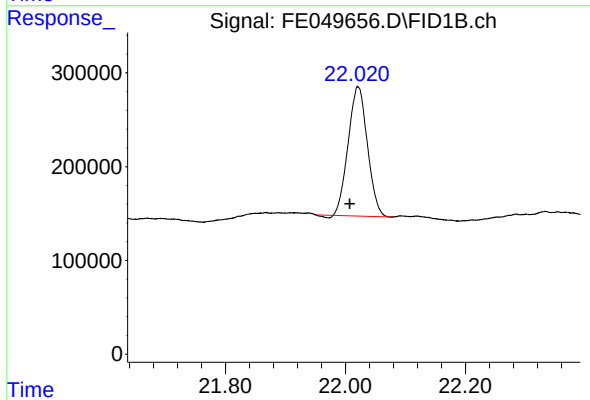
R.T.: 20.394 min
Delta R.T.: 0.010 min
Response: 3577313
Conc: 23.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.011 min
Response: 3539411
Conc: 22.55 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: 0.014 min
Response: 3060131
Conc: 20.04 ug/ml