

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081924AL\
 Data File : FE049660.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2024 13:07
 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 01:33:40 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)	11.891	2928878	18.112 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
12) S 1-chlorooctadecane (S...	13.326	2235045	18.319 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
Target Compounds			
1) T n-Nonane (C9)	3.272	2574454	16.636 ug/ml
2) T n-Decane (C10)	4.523	2719145	17.222 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2826224	17.614 ug/ml
4) T n-Dodecane (C12)	6.693	2783837	17.708 ug/ml
5) T A~2-methylnaphthalene...	7.330	2698931	18.022 ug/ml
6) T n-Tetradecane (C14)	8.521	2732131	17.697 ug/ml
7) T n-Hexadecane (C16)	10.128	2821606	18.066 ug/ml
8) T n-Octadecane (C18)	11.572	2851859	18.159 ug/ml
10) T n-Eicosane (C20)	12.881	2722585	18.235 ug/ml
11) T n-Heneicosane (C21)	13.492	2674449	18.231 ug/ml
13) T n-Docosane (C22)	14.078	2649738	18.180 ug/ml
14) T n-Tetracosane (C24)	15.181	2657603	18.270 ug/ml
15) T n-Hexacosane (C26)	16.200	2627209	18.203 ug/ml
16) T n-Octacosane (C28)	17.150	2693558	18.700 ug/ml
17) T n-Tricontane (C30)	18.037	2924193	19.533 ug/ml
18) T n-Dotriacontane (C32)	18.870	3025421	19.998 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3062851	20.034 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2946336	19.403 ug/ml
21) T n-Octatriacontane (C38)	21.125	2976516	18.964 ug/ml
22) T n-Tetracontane (C40)	22.025	2859167	18.727 ug/ml

(f)=RT Delta > 1/2 Window

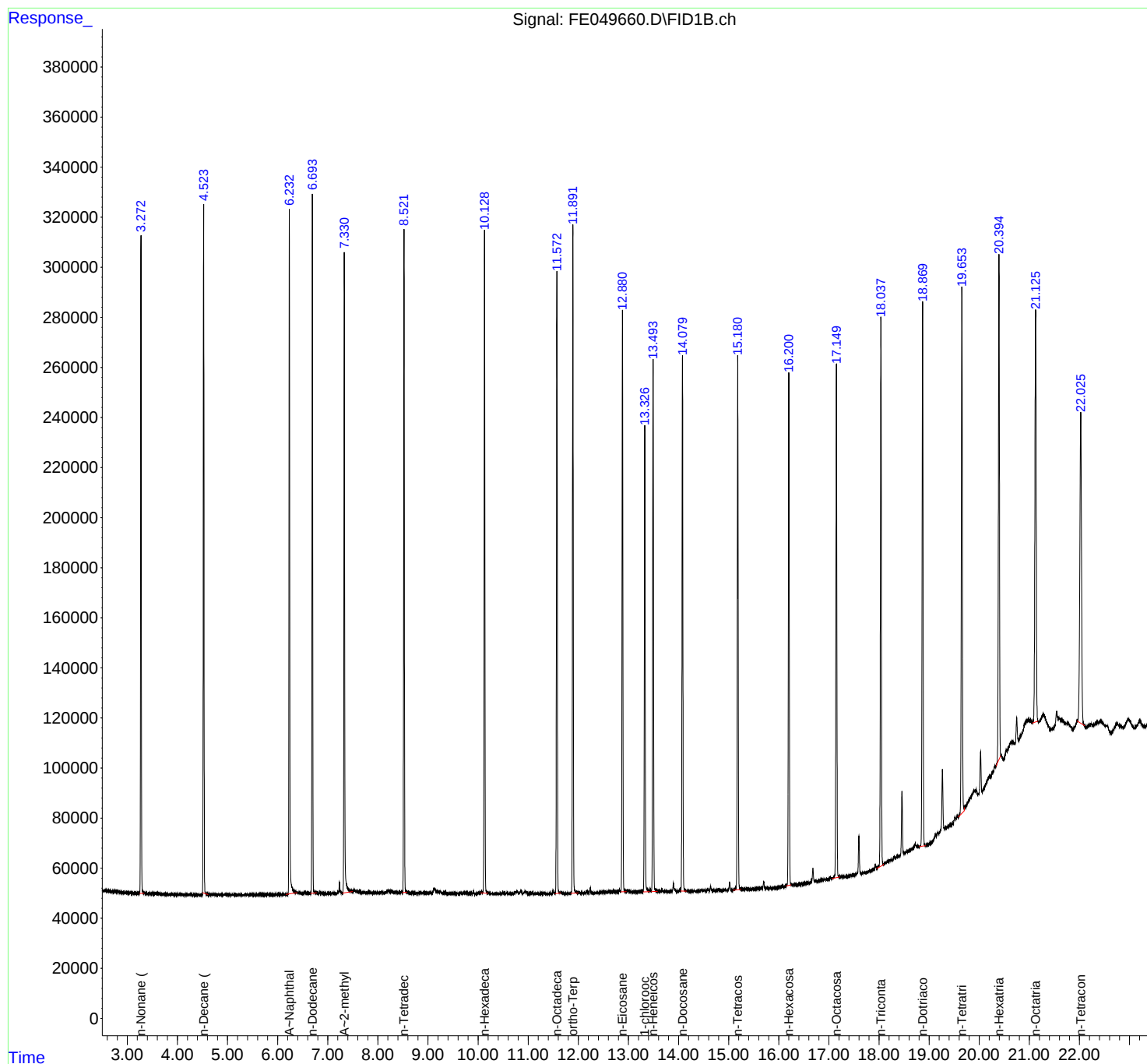
(m)=manual int.

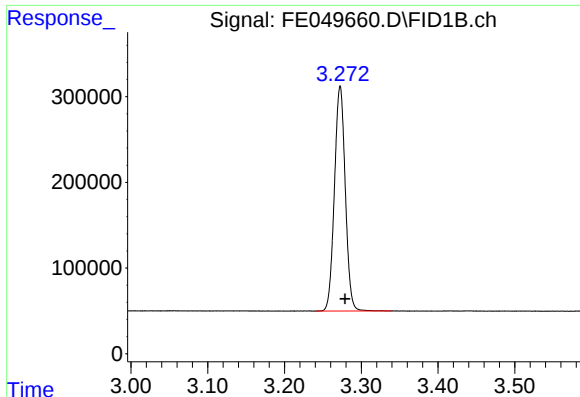
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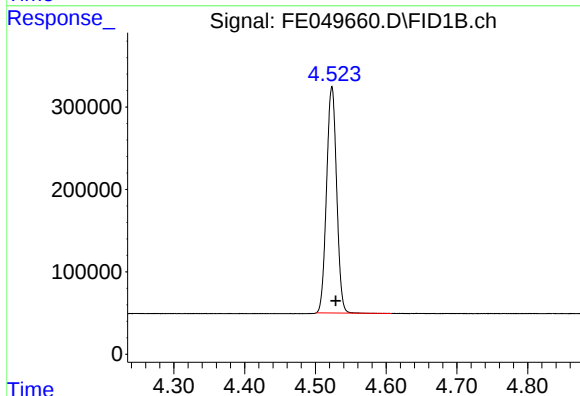




#1 n-Nonane (C9)

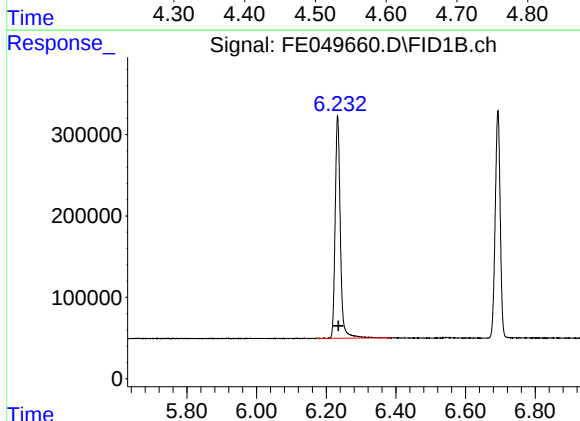
R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 2574454
Conc: 16.64 ug/ml

Instrument :
FID_E
ClientSampleId :



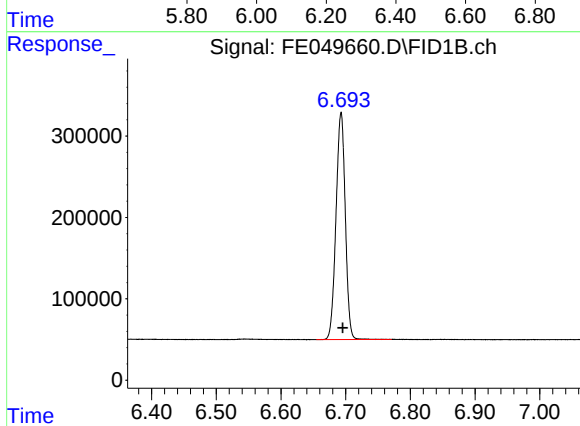
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.005 min
Response: 2719145
Conc: 17.22 ug/ml



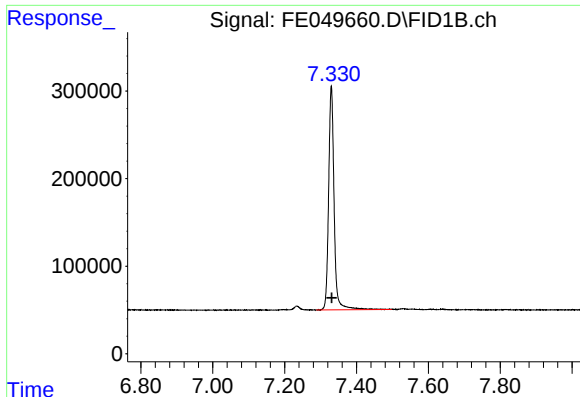
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 2826224
Conc: 17.61 ug/ml



#4 n-Dodecane (C12)

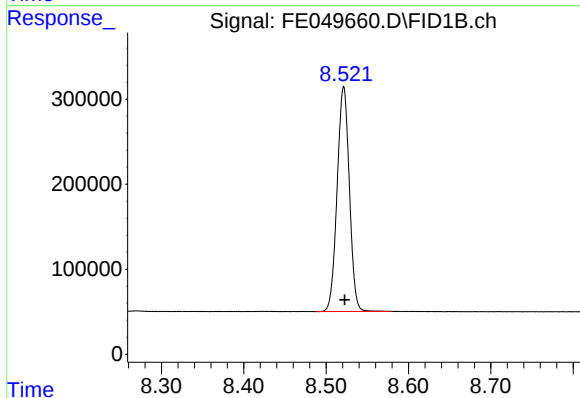
R.T.: 6.693 min
Delta R.T.: -0.003 min
Response: 2783837
Conc: 17.71 ug/ml



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

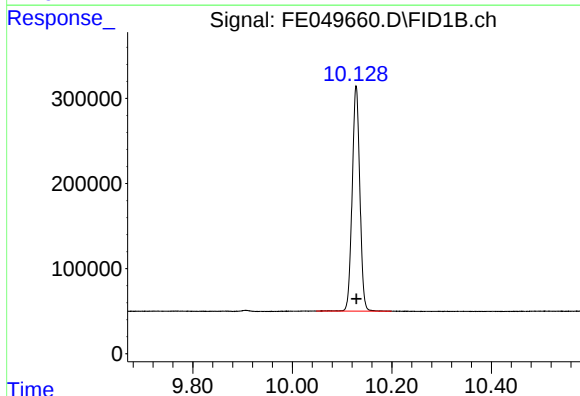
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 2698931
Conc: 18.02 ug/ml

Instrument :
FID_E
ClientSampleId :



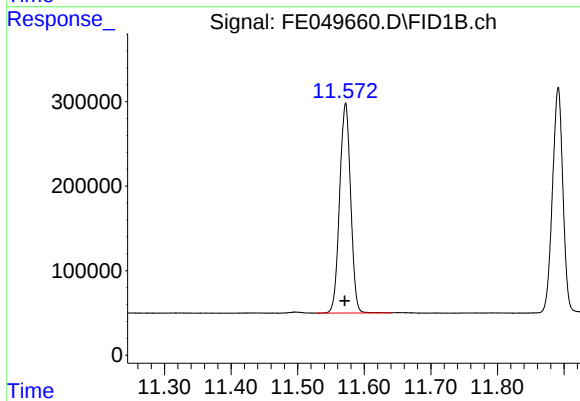
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.001 min
Response: 2732131
Conc: 17.70 ug/ml



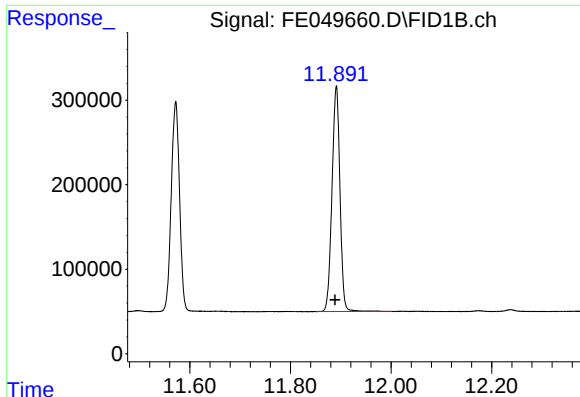
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 2821606
Conc: 18.07 ug/ml



#8 n-Octadecane (C18)

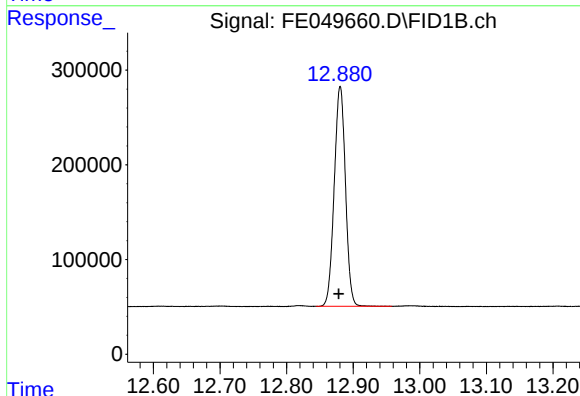
R.T.: 11.572 min
Delta R.T.: 0.001 min
Response: 2851859
Conc: 18.16 ug/ml



#9 ortho-Terphenyl (SURR)

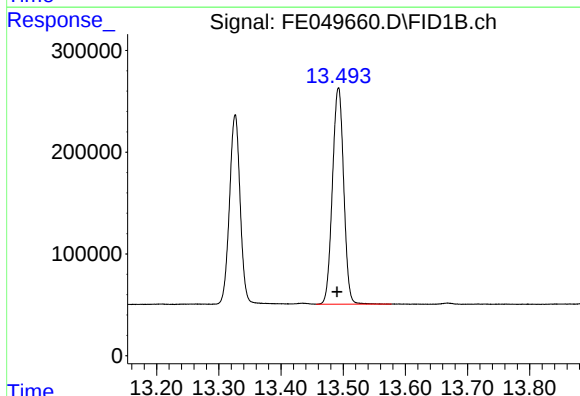
R.T.: 11.891 min
Delta R.T.: 0.003 min
Response: 2928878
Conc: 18.11 ug/ml

Instrument :
FID_E
ClientSampleId :



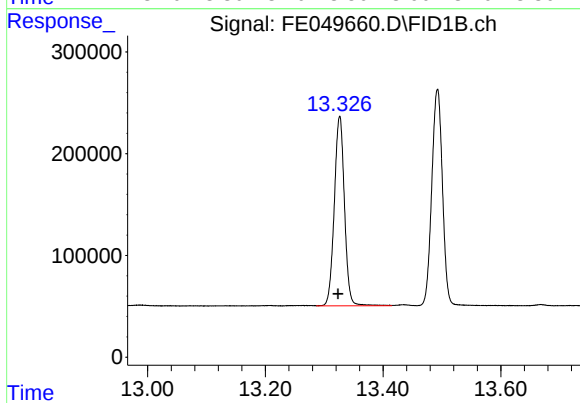
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: 0.002 min
Response: 2722585
Conc: 18.23 ug/ml



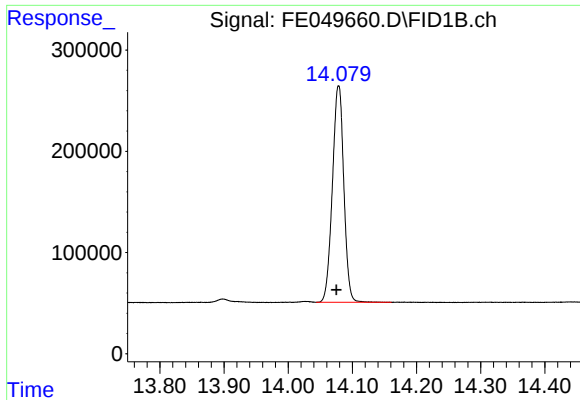
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: 0.002 min
Response: 2674449
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

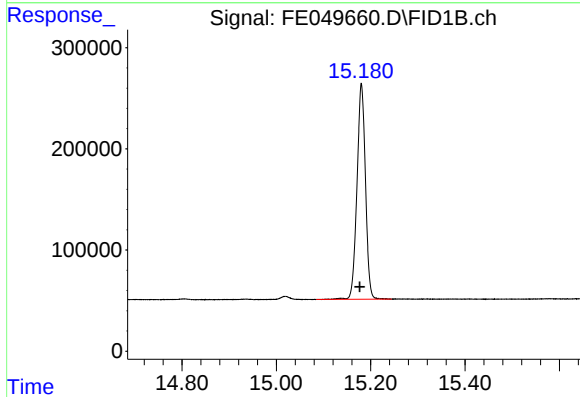
R.T.: 13.326 min
Delta R.T.: 0.003 min
Response: 2235045
Conc: 18.32 ug/ml



#13 n-Docosane (C22)

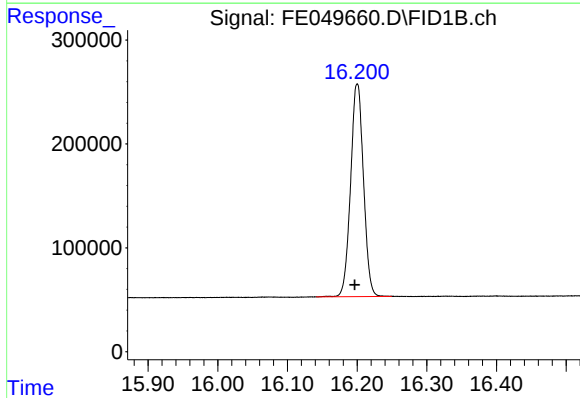
R.T.: 14.078 min
Delta R.T.: 0.003 min
Response: 2649738
Conc: 18.18 ug/ml

Instrument :
FID_E
ClientSampleId :



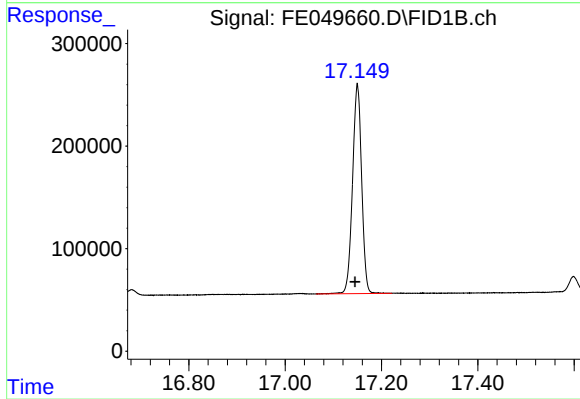
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: 0.004 min
Response: 2657603
Conc: 18.27 ug/ml



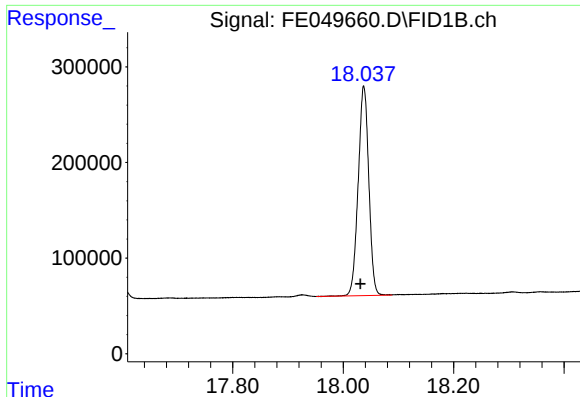
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2627209
Conc: 18.20 ug/ml



#16 n-Octacosane (C28)

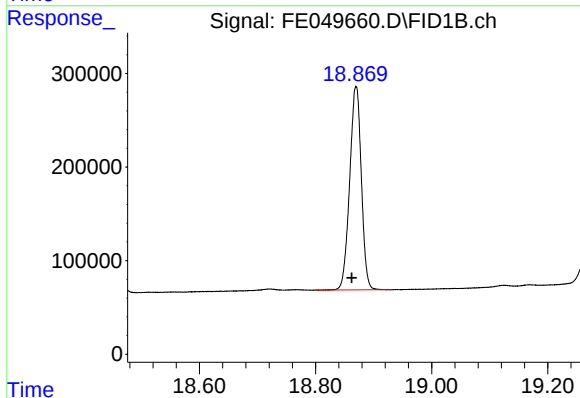
R.T.: 17.150 min
Delta R.T.: 0.005 min
Response: 2693558
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

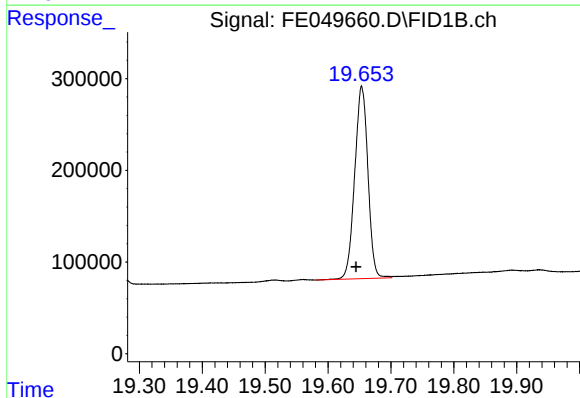
R.T.: 18.037 min
Delta R.T.: 0.006 min
Response: 2924193
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :



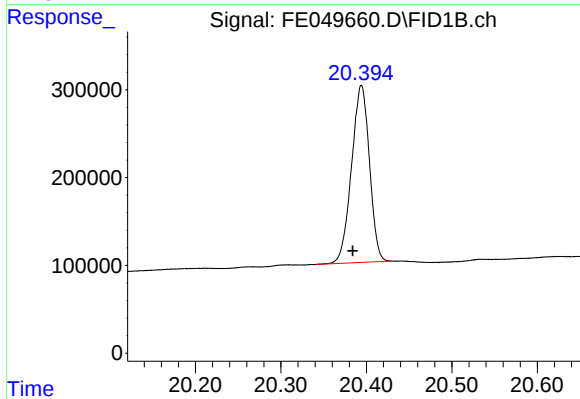
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.007 min
Response: 3025421
Conc: 20.00 ug/ml



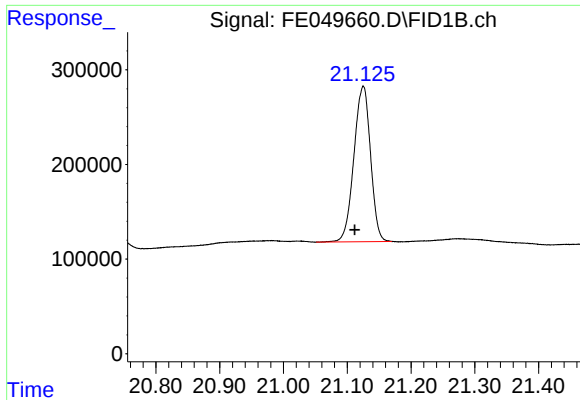
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.009 min
Response: 3062851
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

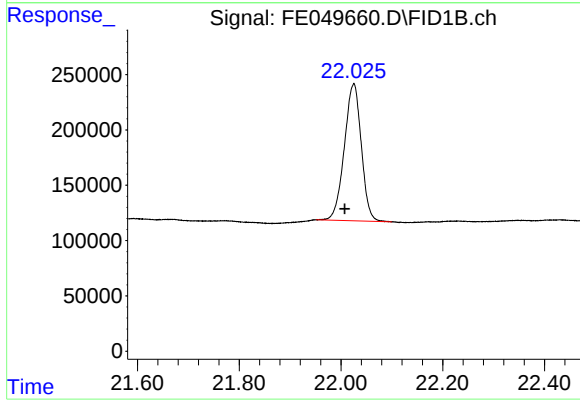
R.T.: 20.394 min
Delta R.T.: 0.010 min
Response: 2946336
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.013 min
Response: 2976516
Conc: 18.96 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.025 min
Delta R.T.: 0.018 min
Response: 2859167
Conc: 18.73 ug/ml