

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073025AL\
 Data File : FE055080.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2025 07:42
 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: Jul 30 11:40:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 2025
 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)	12.092	2959738	19.995 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
12) S 1-chlorooctadecane (S...	13.528	2236423	19.971 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T n-Nonane (C9)	3.425	2383523	19.632 ug/ml
2) T n-Decane (C10)	4.684	2452058	19.811 ug/ml
3) T A~Naphthalene (C11.7)	6.405	2826948	19.862 ug/ml
4) T n-Dodecane (C12)	6.861	2514247	19.837 ug/ml
5) T A~2-methylnaphthalene...	7.507	2757780	19.958 ug/ml
6) T n-Tetradecane (C14)	8.699	2588900	19.716 ug/ml
7) T n-Hexadecane (C16)	10.314	2680980	19.930 ug/ml
8) T n-Octadecane (C18)	11.764	2719697	19.983 ug/ml
10) T n-Eicosane (C20)	13.080	2604641	20.015 ug/ml
11) T n-Heneicosane (C21)	13.694	2549253	20.047 ug/ml
13) T n-Docosane (C22)	14.283	2540947	20.136 ug/ml
14) T n-Tetracosane (C24)	15.389	2561097	20.436 ug/ml
15) T n-Hexacosane (C26)	16.413	2530072	20.479 ug/ml
16) T n-Octacosane (C28)	17.366	2526162	20.378 ug/ml
17) T n-Tricontane (C30)	18.256	2663235	20.323 ug/ml
18) T n-Dotriacontane (C32)	19.091	2683473	20.582 ug/ml
19) T n-Tetratriacontane (C34)	19.877	2582294	20.830 ug/ml
20) T n-Hexatriacontane (C36)	20.618	2419919	21.065 ug/ml
21) T n-Octatriacontane (C38)	21.400	2541695	22.615 ug/ml
22) T n-Tetracontane (C40)	22.396	2189002	19.852 ug/ml

(f)=RT Delta > 1/2 Window

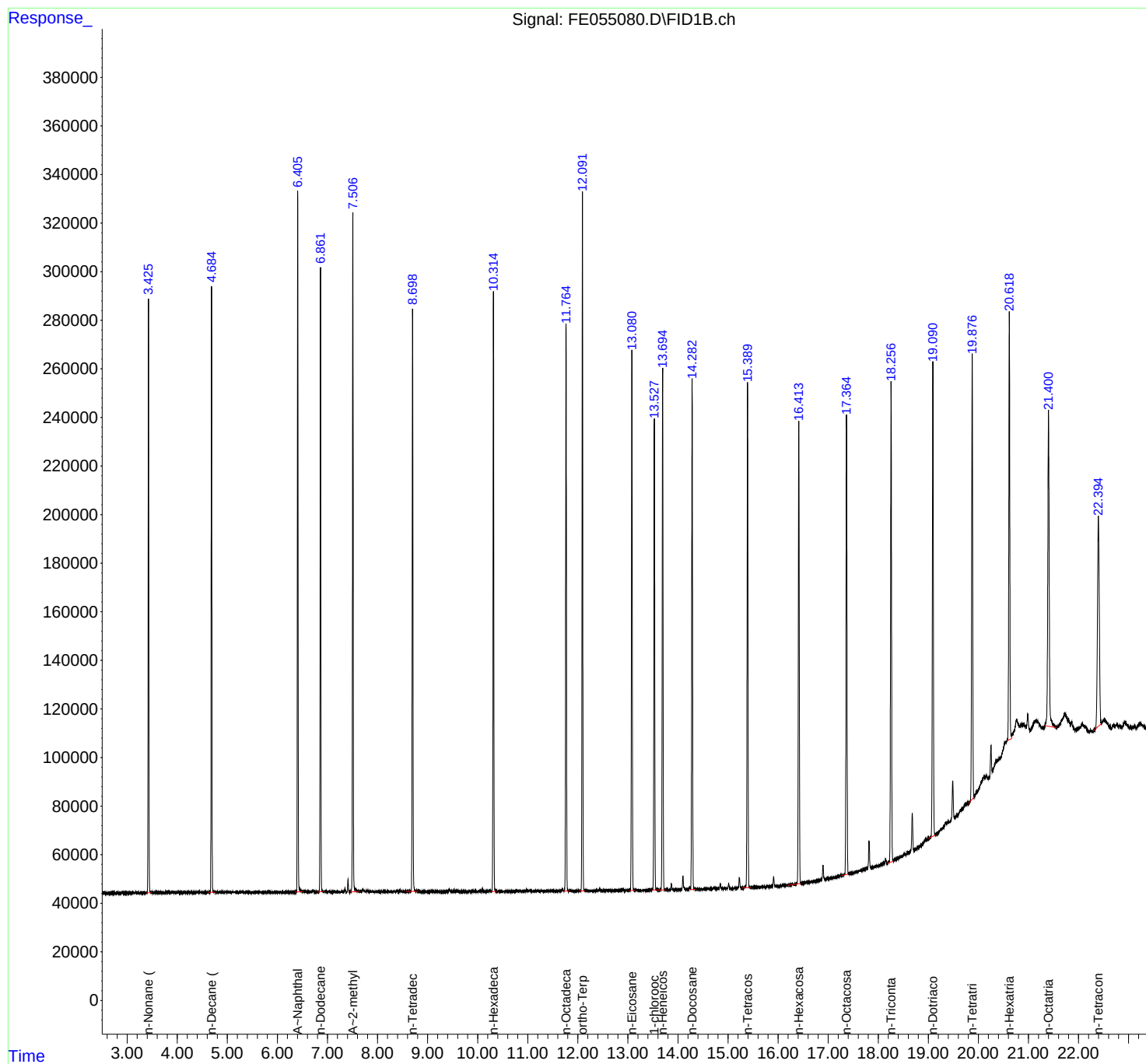
(m)=manual int.

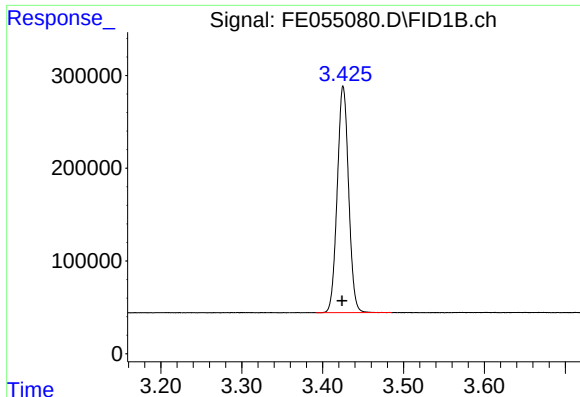
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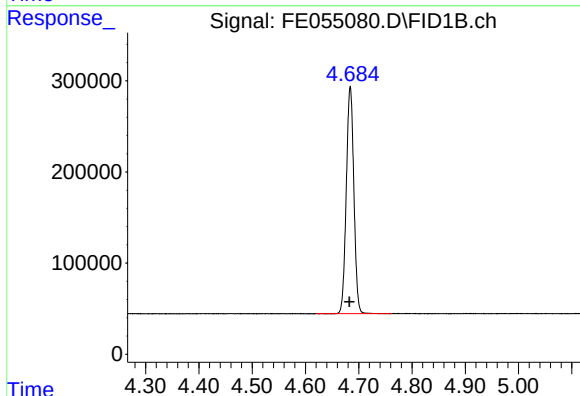




#1 n-Nonane (C9)

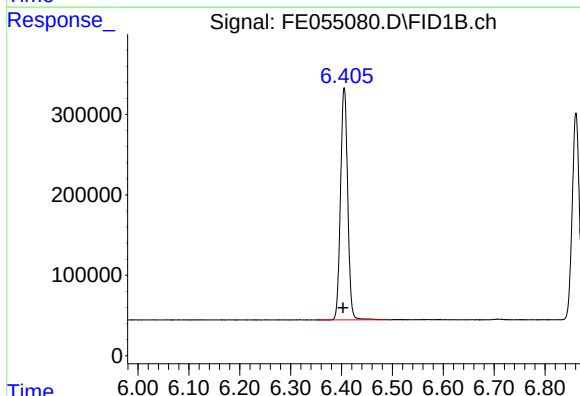
R.T.: 3.425 min
Delta R.T.: 0.001 min
Response: 2383523
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



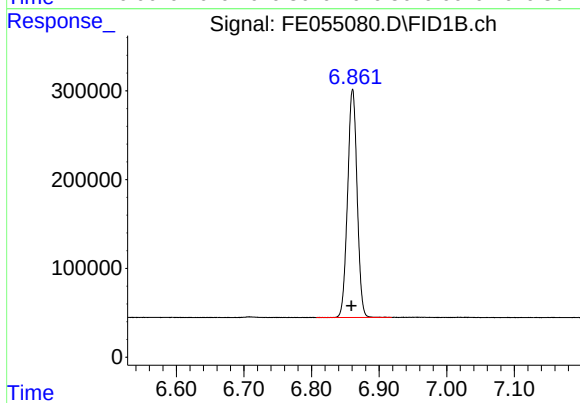
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 2452058
Conc: 19.81 ug/ml



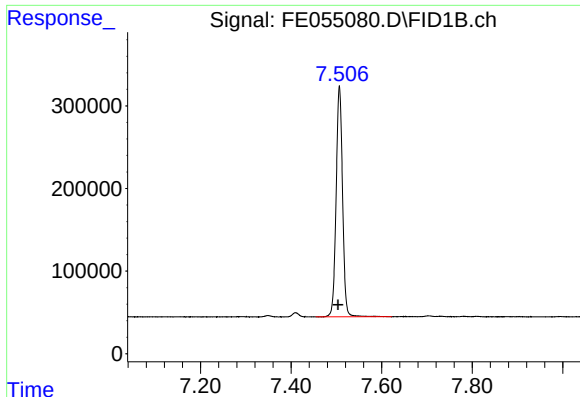
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.002 min
Response: 2826948
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

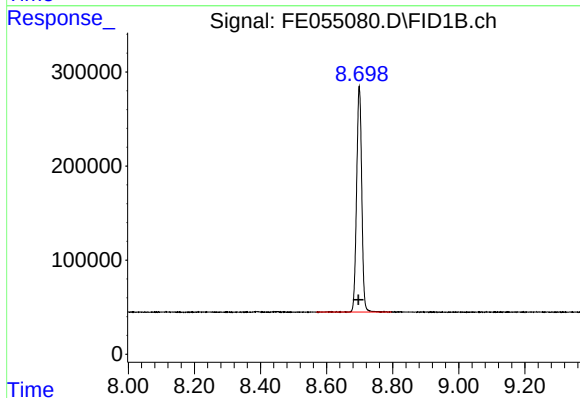
R.T.: 6.861 min
Delta R.T.: 0.002 min
Response: 2514247
Conc: 19.84 ug/ml



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

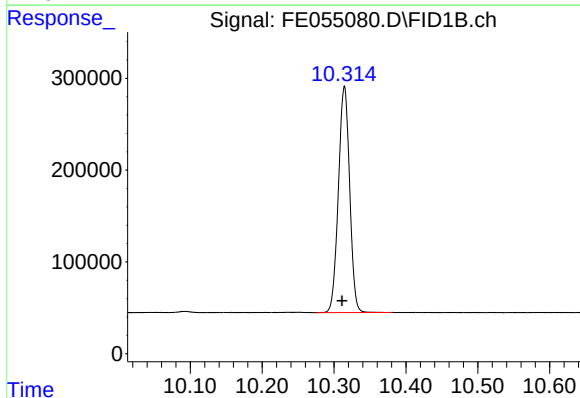
R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 2757780
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :



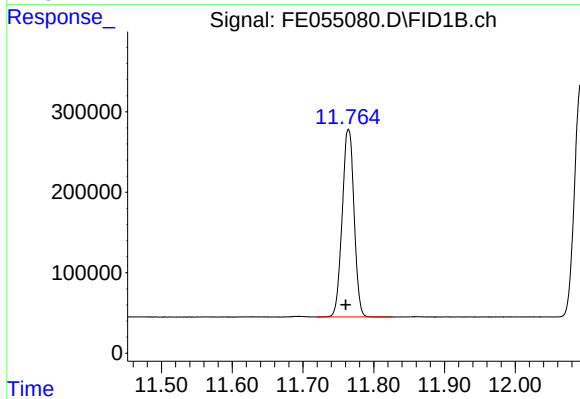
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.003 min
Response: 2588900
Conc: 19.72 ug/ml



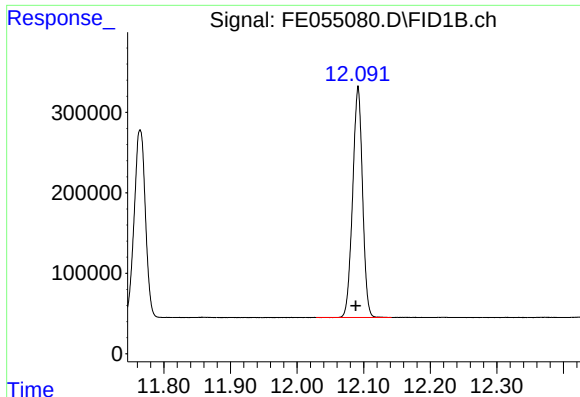
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.003 min
Response: 2680980
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

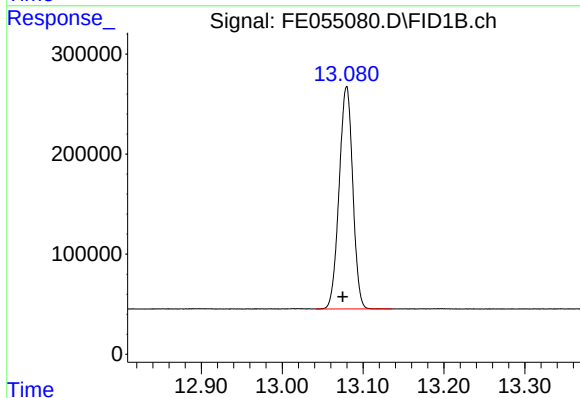
R.T.: 11.764 min
Delta R.T.: 0.004 min
Response: 2719697
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

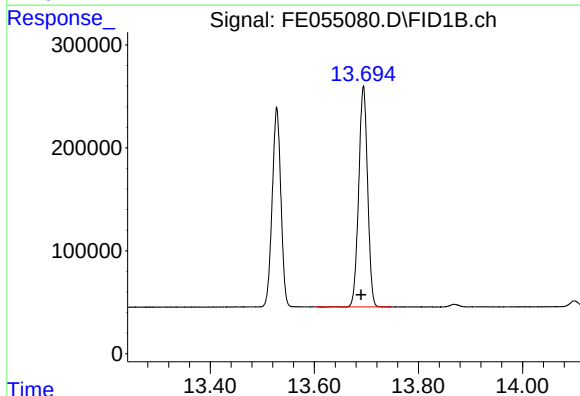
R.T.: 12.092 min
Delta R.T.: 0.004 min
Response: 2959738
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



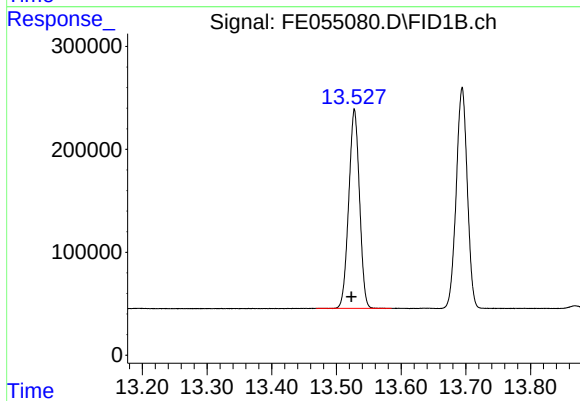
#10 n-Eicosane (C20)

R.T.: 13.080 min
Delta R.T.: 0.005 min
Response: 2604641
Conc: 20.01 ug/ml



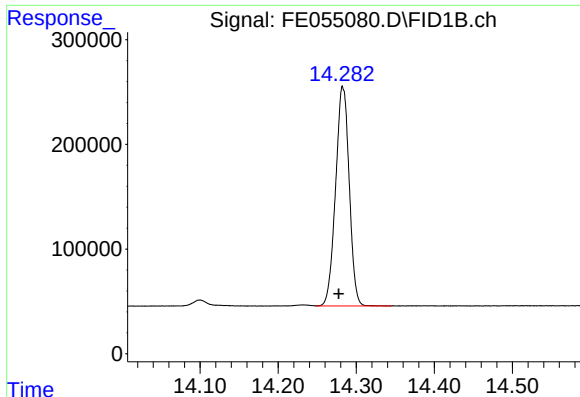
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.004 min
Response: 2549253
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

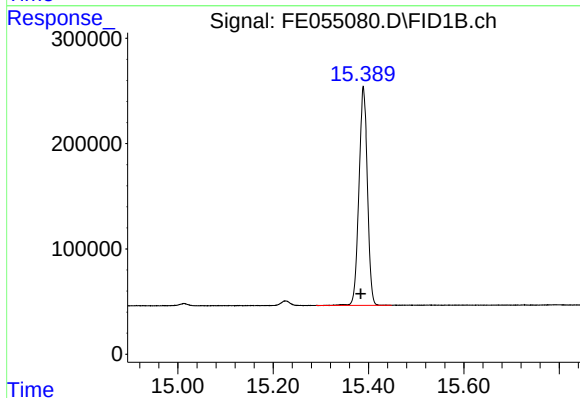
R.T.: 13.528 min
Delta R.T.: 0.005 min
Response: 2236423
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

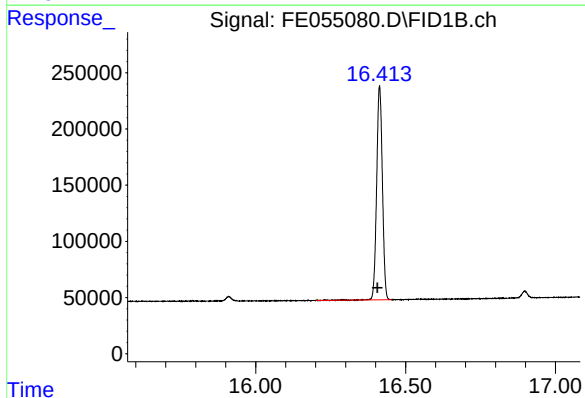
R.T.: 14.283 min
Delta R.T.: 0.005 min
Response: 2540947
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :



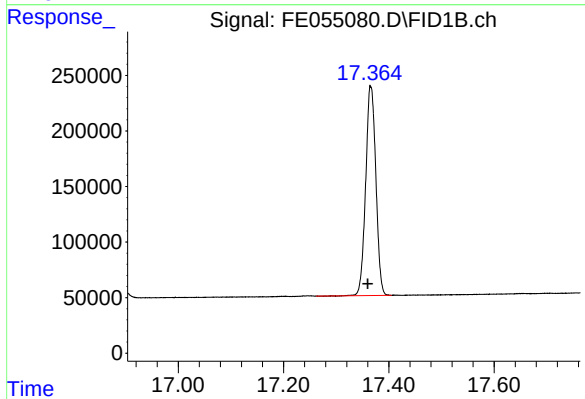
#14 n-Tetracosane (C24)

R.T.: 15.389 min
Delta R.T.: 0.006 min
Response: 2561097
Conc: 20.44 ug/ml



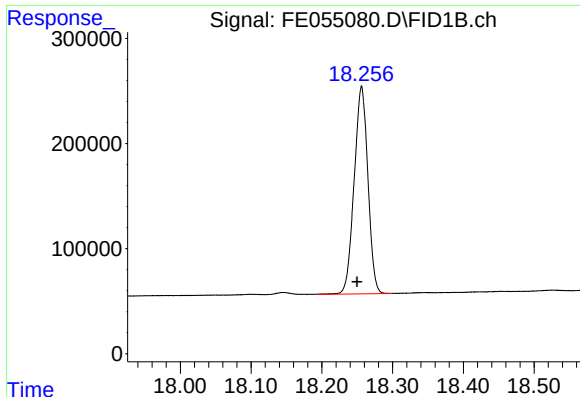
#15 n-Hexacosane (C26)

R.T.: 16.413 min
Delta R.T.: 0.006 min
Response: 2530072
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

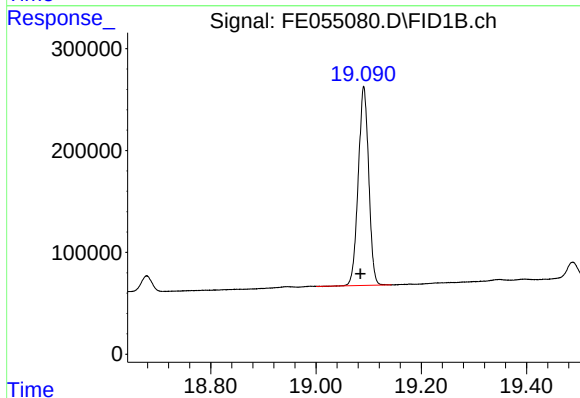
R.T.: 17.366 min
Delta R.T.: 0.006 min
Response: 2526162
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

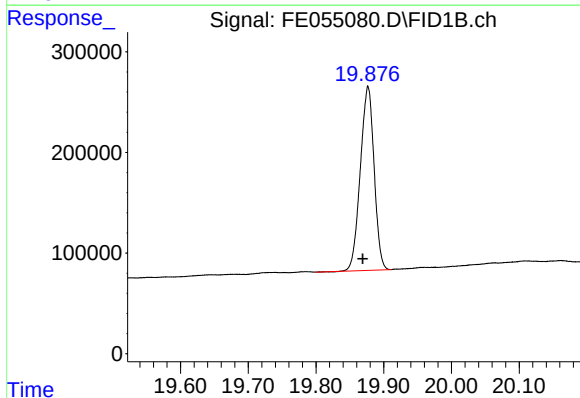
R.T.: 18.256 min
Delta R.T.: 0.007 min
Response: 2663235
Conc: 20.32 ug/ml

Instrument :
FID_E
ClientSampleId :



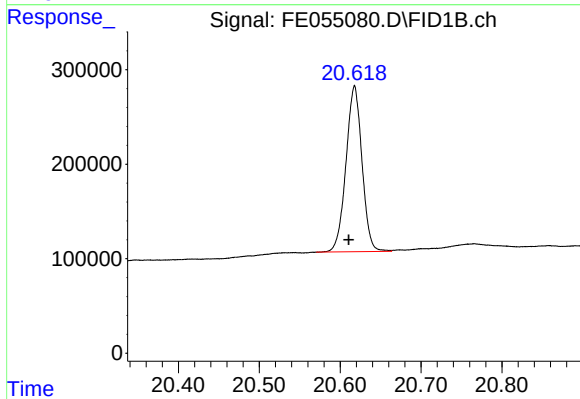
#18 n-Dotriacontane (C32)

R.T.: 19.091 min
Delta R.T.: 0.006 min
Response: 2683473
Conc: 20.58 ug/ml



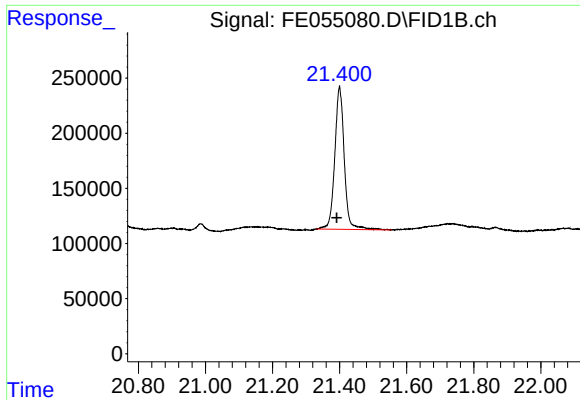
#19 n-Tetratriacontane (C34)

R.T.: 19.877 min
Delta R.T.: 0.008 min
Response: 2582294
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

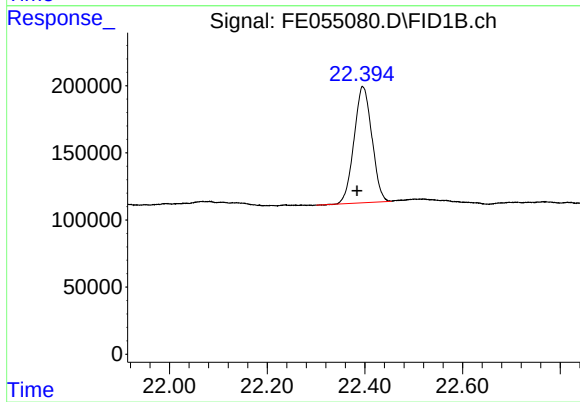
R.T.: 20.618 min
Delta R.T.: 0.007 min
Response: 2419919
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.400 min
Delta R.T.: 0.009 min
Response: 2541695
Conc: 22.62 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.012 min
Response: 2189002
Conc: 19.85 ug/ml