

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055281.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 08:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 11:27:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.085	2631230	18.425 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	13.522	2012299	18.715 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.420	1958192	17.062 ug/ml
2) T n-Decane (C10)	4.678	2086336	17.909 ug/ml
3) T A~Naphthalene (C11.7)	6.399	2395707	17.848 ug/ml
4) T n-Dodecane (C12)	6.855	2146969	18.029 ug/ml
5) T A~2-methylnaphthalene...	7.501	2360538	18.105 ug/ml
6) T n-Tetradecane (C14)	8.692	2217145	18.083 ug/ml
7) T n-Hexadecane (C16)	10.308	2336638	18.277 ug/ml
8) T n-Octadecane (C18)	11.758	2414923	18.509 ug/ml
10) T n-Eicosane (C20)	13.074	2354930	18.769 ug/ml
11) T n-Heneicosane (C21)	13.688	2298004	18.642 ug/ml
13) T n-Docosane (C22)	14.277	2342966	19.186 ug/ml
14) T n-Tetracosane (C24)	15.384	2451004	20.151 ug/ml
15) T n-Hexacosane (C26)	16.408	2498079	20.879 ug/ml
16) T n-Octacosane (C28)	17.361	2593379	21.862 ug/ml
17) T n-Tricontane (C30)	18.251	2867201	23.301 ug/ml
18) T n-Dotriacontane (C32)	19.086	2962018	24.277 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2726891	23.323 ug/ml
20) T n-Hexatriacontane (C36)	20.613	2406952	22.022 ug/ml
21) T n-Octatriacontane (C38)	21.394	2204509	20.399 ug/ml
22) T n-Tetracontane (C40)	22.386	2067252	19.768 ug/ml

(f)=RT Delta > 1/2 Window

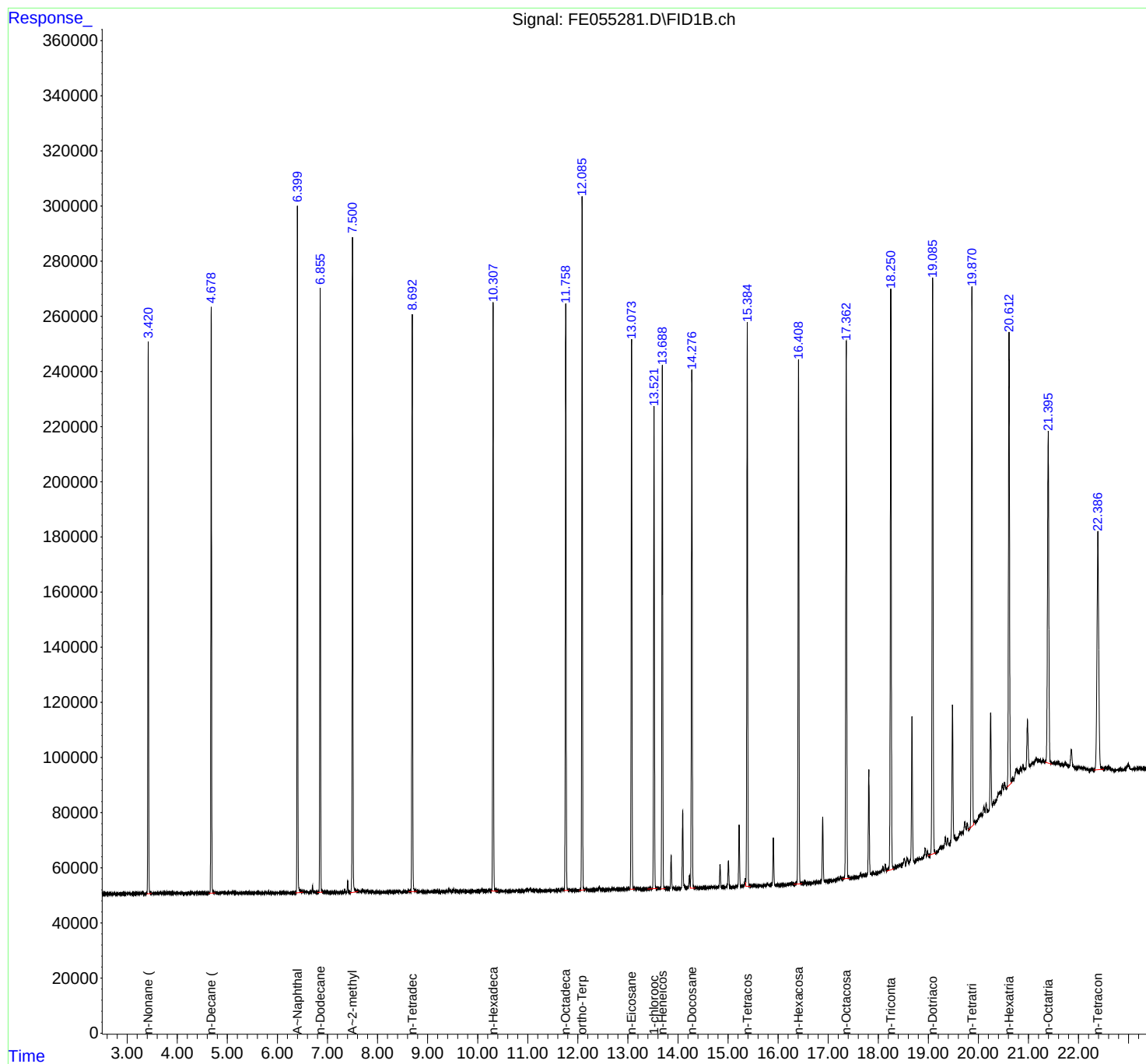
(m)=manual int.

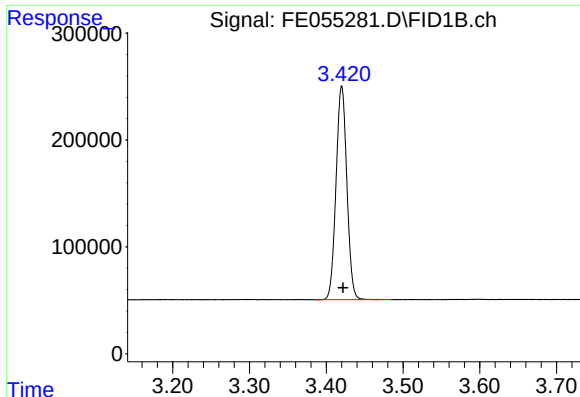
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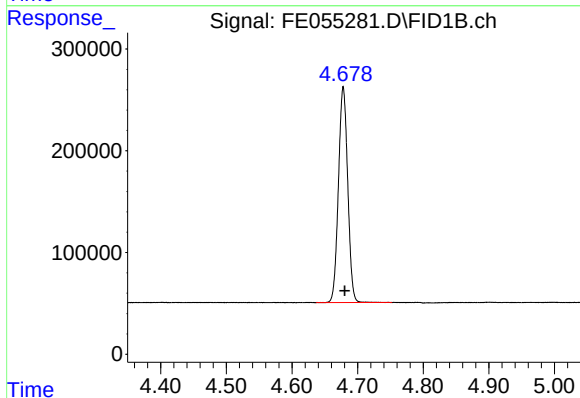




#1 n-Nonane (C9)

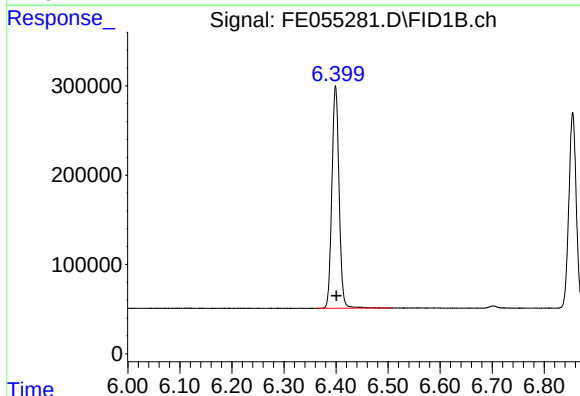
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 1958192
Conc: 17.06 ug/ml

Instrument :
FID_E
ClientSampleId :



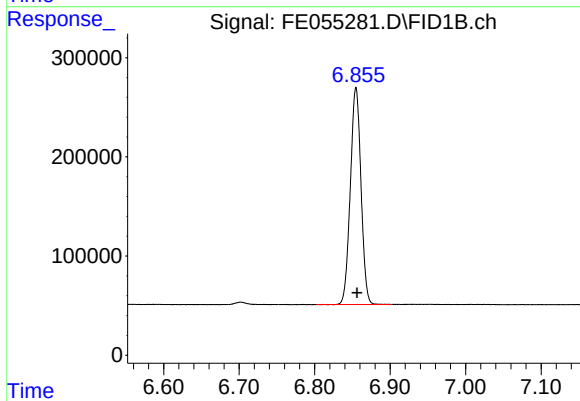
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2086336
Conc: 17.91 ug/ml



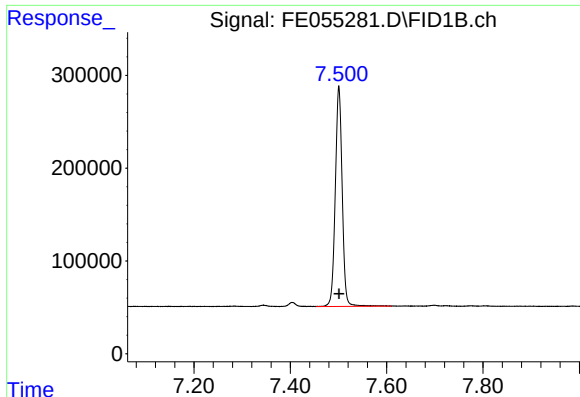
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 2395707
Conc: 17.85 ug/ml



#4 n-Dodecane (C12)

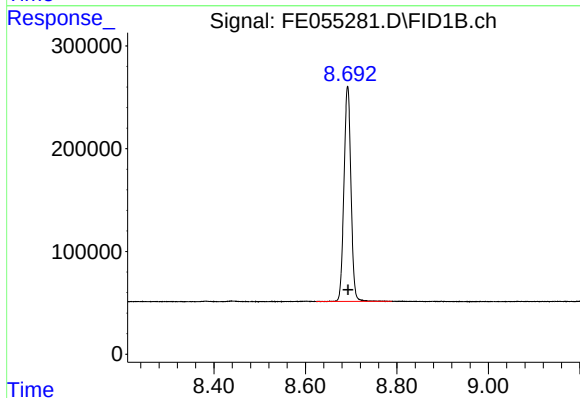
R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 2146969
Conc: 18.03 ug/ml



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

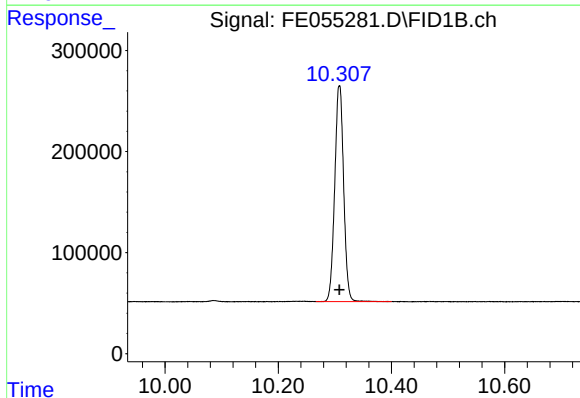
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 2360538
Conc: 18.10 ug/ml

Instrument :
FID_E
ClientSampleId :



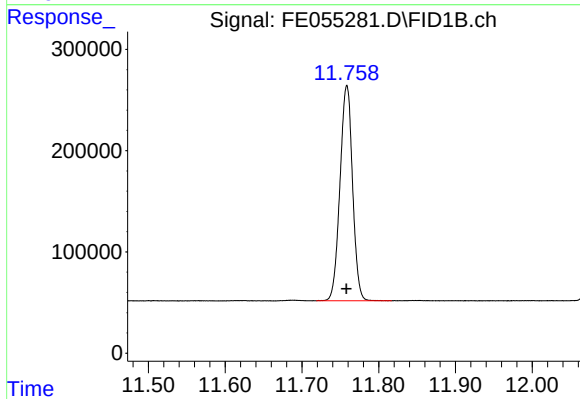
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.001 min
Response: 2217145
Conc: 18.08 ug/ml



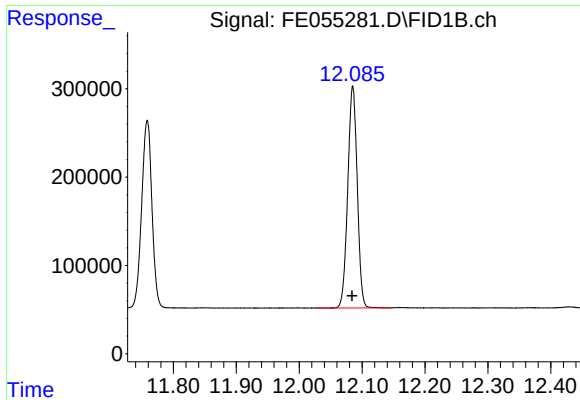
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 2336638
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

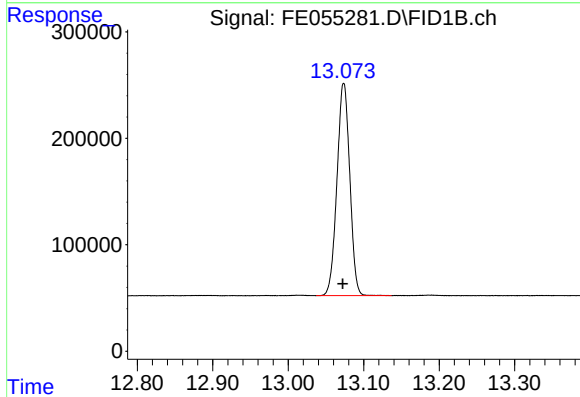
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 2414923
Conc: 18.51 ug/ml



#9 ortho-Terphenyl (SURR)

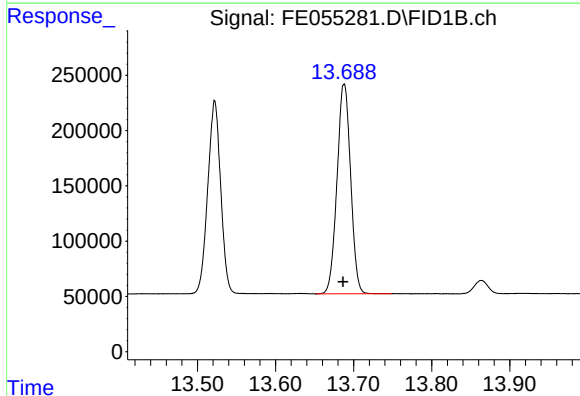
R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 2631230
Conc: 18.43 ug/ml

Instrument :
FID_E
ClientSampleId :



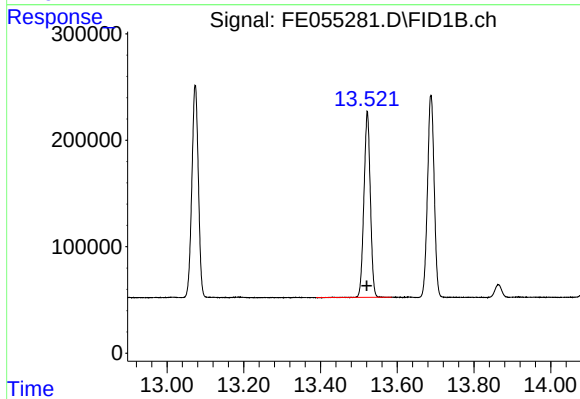
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 2354930
Conc: 18.77 ug/ml



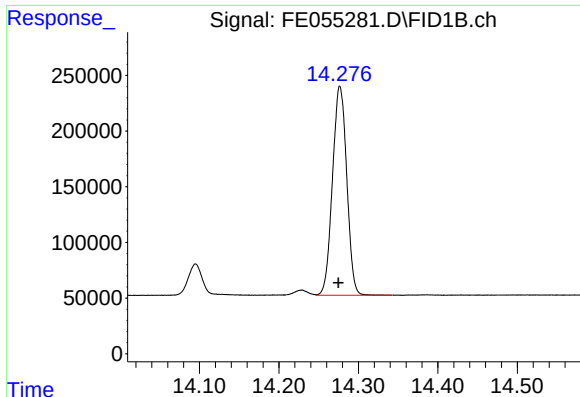
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 2298004
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

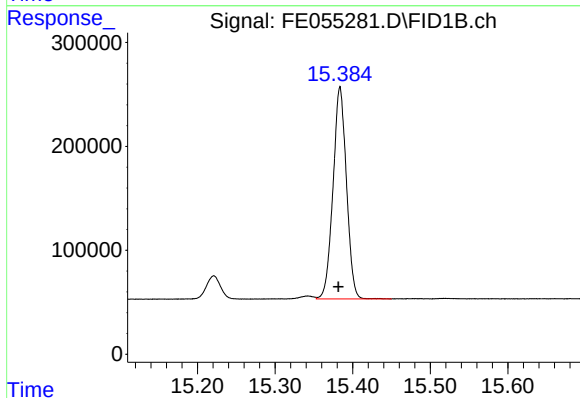
R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2012299
Conc: 18.71 ug/ml



#13 n-Docosane (C22)

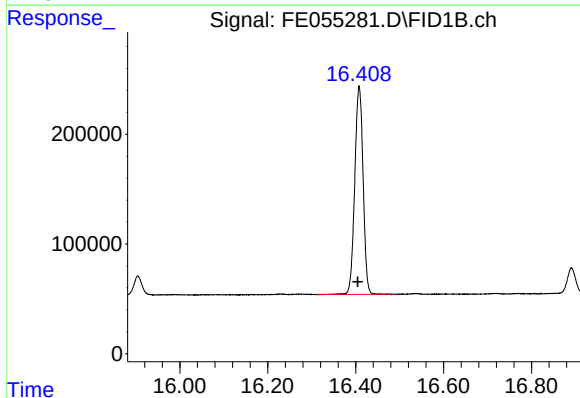
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 2342966
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :



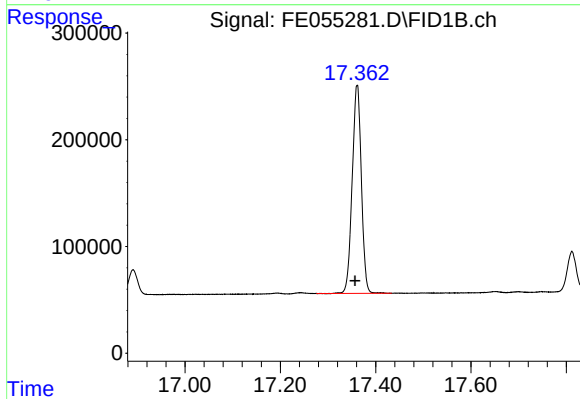
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 2451004
Conc: 20.15 ug/ml



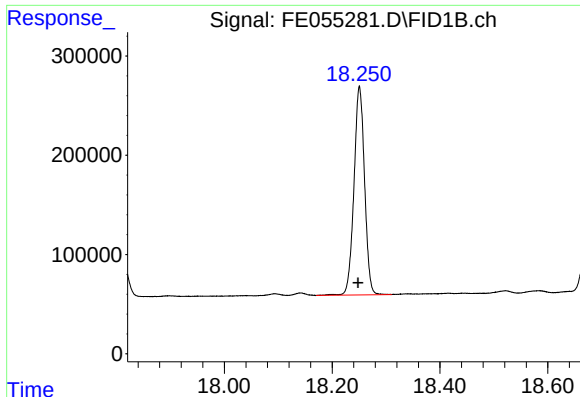
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 2498079
Conc: 20.88 ug/ml



#16 n-Octacosane (C28)

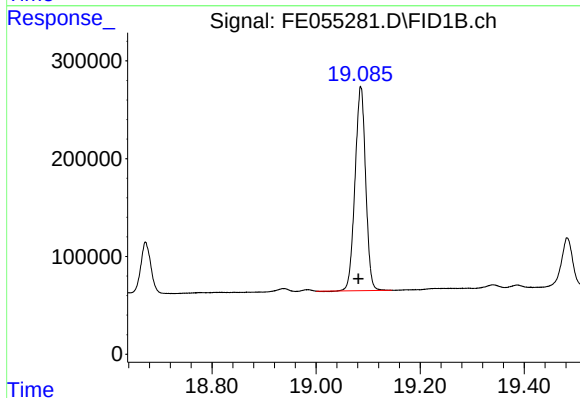
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 2593379
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

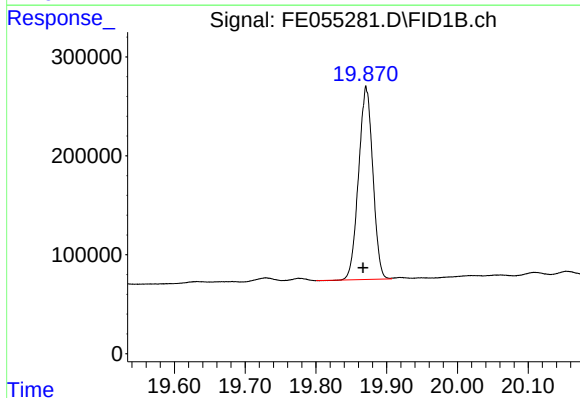
R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 2867201
Conc: 23.30 ug/ml

Instrument :
FID_E
ClientSampleId :



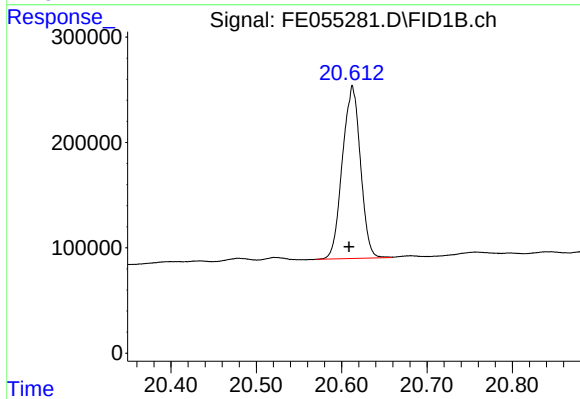
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.004 min
Response: 2962018
Conc: 24.28 ug/ml



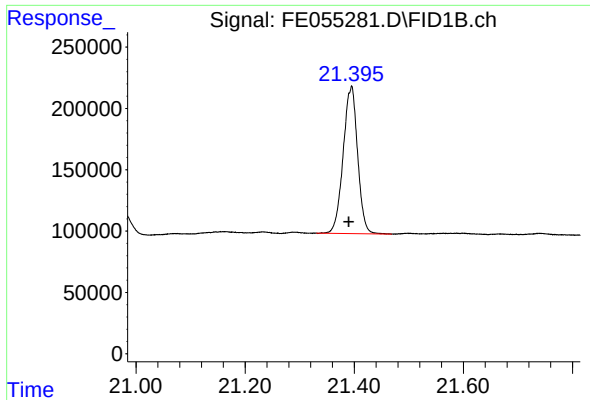
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.004 min
Response: 2726891
Conc: 23.32 ug/ml



#20 n-Hexatriacontane (C36)

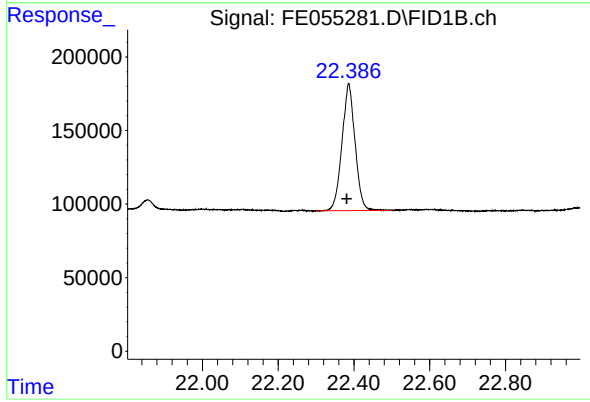
R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 2406952
Conc: 22.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.005 min
Response: 2204509
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.386 min
Delta R.T.: 0.005 min
Response: 2067252
Conc: 19.77 ug/ml