

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082725AL\
 Data File : FE055530.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2025 08:21
 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 27 11:17:51 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)	12.078	2739210	19.182 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.515	2099397	19.525 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.415	2036210	17.742 ug/ml
2) T n-Decane (C10)	4.673	2109792	18.110 ug/ml
3) T A~Naphthalene (C11.7)	6.393	2394998	17.842 ug/ml
4) T n-Dodecane (C12)	6.849	2158723	18.128 ug/ml
5) T A~2-methylnaphthalene...	7.494	2342289	17.965 ug/ml
6) T n-Tetradecane (C14)	8.686	2181505	17.792 ug/ml
7) T n-Hexadecane (C16)	10.302	2312180	18.086 ug/ml
8) T n-Octadecane (C18)	11.751	2447847	18.761 ug/ml
10) T n-Eicosane (C20)	13.066	2411813	19.222 ug/ml
11) T n-Heneicosane (C21)	13.680	2389897	19.388 ug/ml
13) T n-Docosane (C22)	14.269	2412872	19.758 ug/ml
14) T n-Tetracosane (C24)	15.375	2453030	20.167 ug/ml
15) T n-Hexacosane (C26)	16.401	2412291	20.162 ug/ml
16) T n-Octacosane (C28)	17.353	2443056	20.595 ug/ml
17) T n-Tricontane (C30)	18.243	2636649	21.428 ug/ml
18) T n-Dotriacontane (C32)	19.076	2732068	22.392 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2596845	22.211 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2335517	21.368 ug/ml
21) T n-Octatriacontane (C38)	21.382	2249515	20.815 ug/ml
22) T n-Tetracontane (C40)	22.372	2114804	20.223 ug/ml

(f)=RT Delta > 1/2 Window

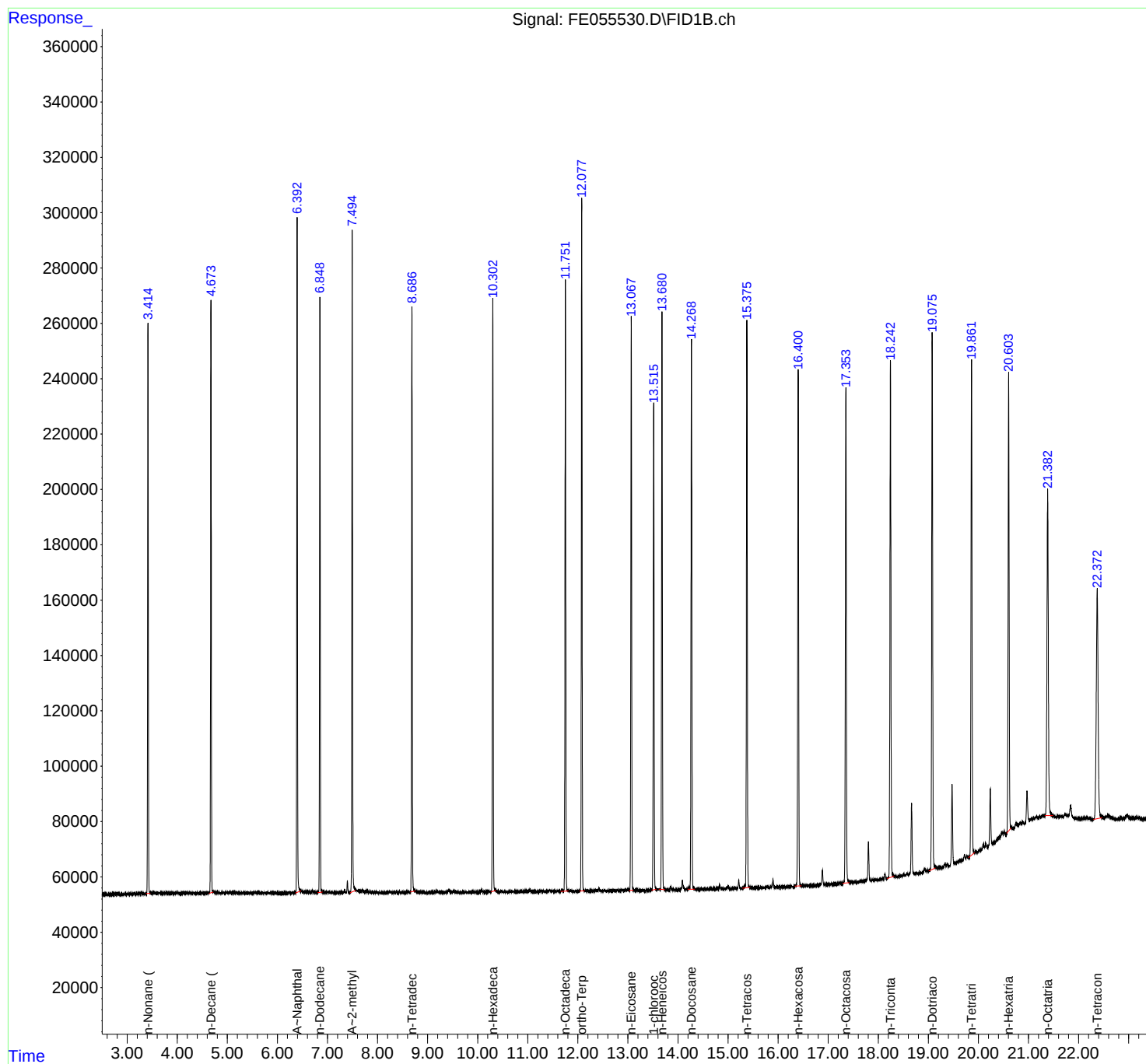
(m)=manual int.

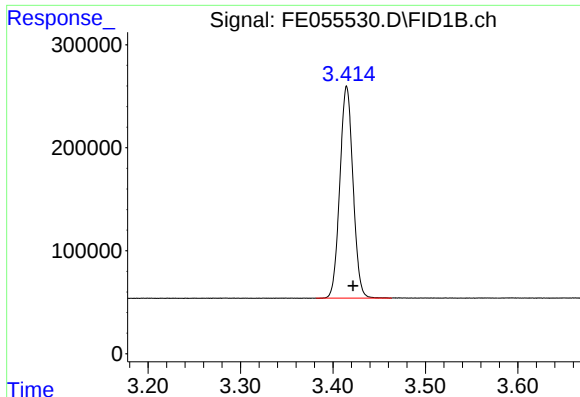
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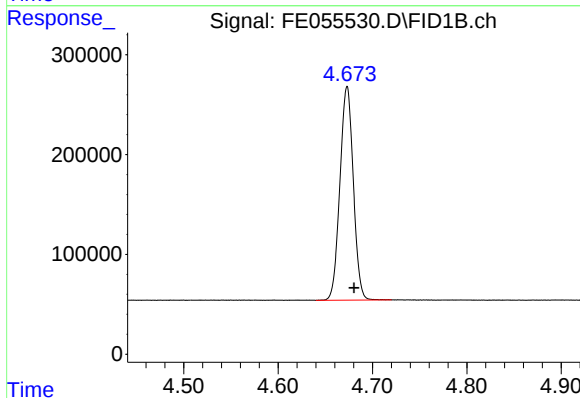




#1 n-Nonane (C9)

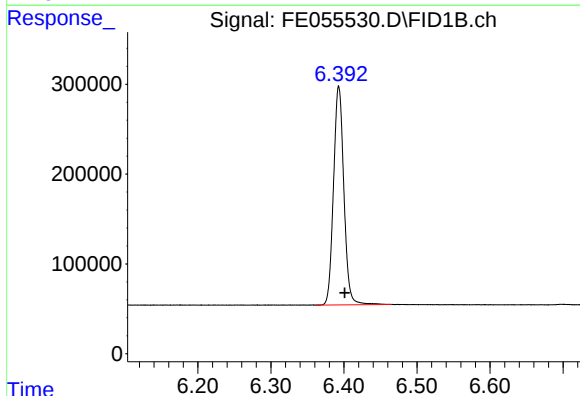
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 2036210
Conc: 17.74 ug/ml

Instrument :
FID_E
ClientSampleId :



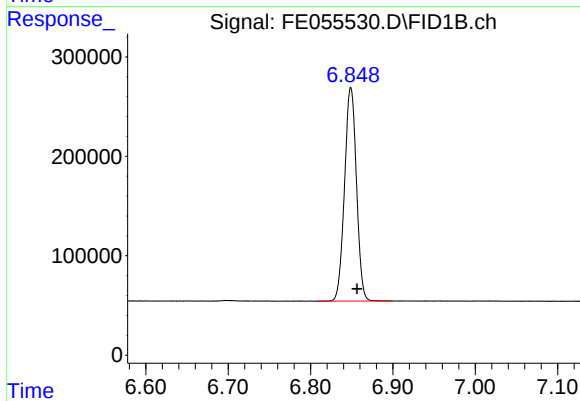
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: -0.008 min
Response: 2109792
Conc: 18.11 ug/ml



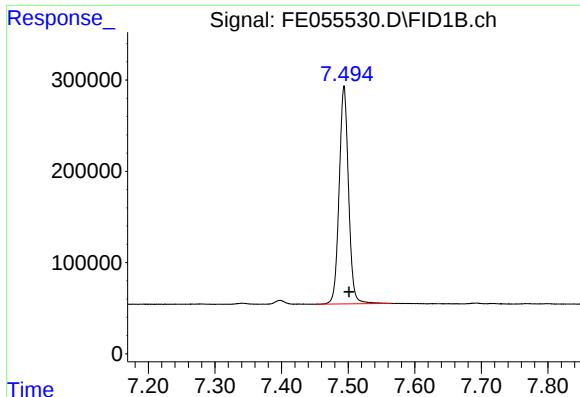
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: -0.008 min
Response: 2394998
Conc: 17.84 ug/ml



#4 n-Dodecane (C12)

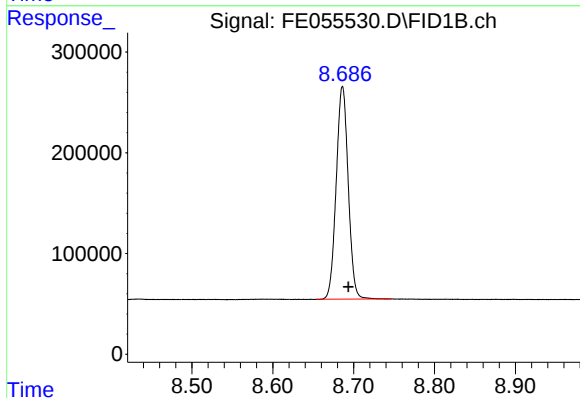
R.T.: 6.849 min
Delta R.T.: -0.007 min
Response: 2158723
Conc: 18.13 ug/ml



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

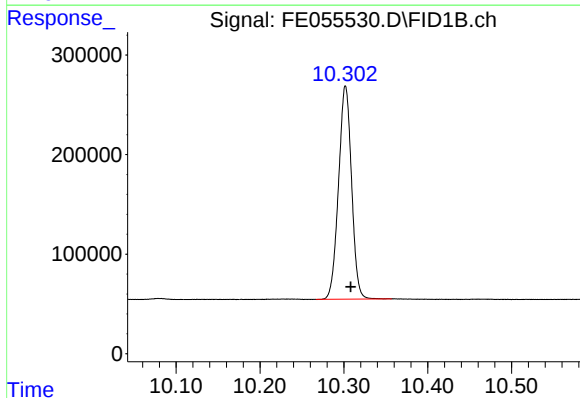
R.T.: 7.494 min
Delta R.T.: -0.008 min
Response: 2342289
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :



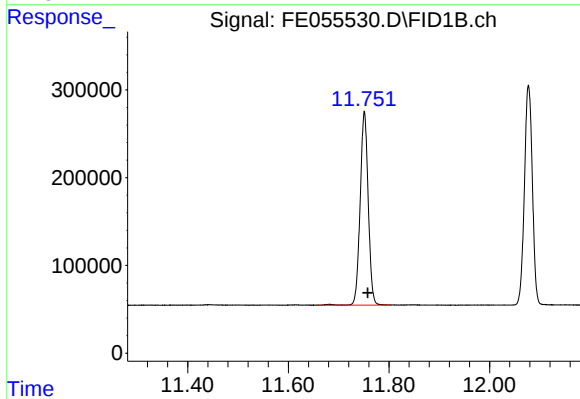
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 2181505
Conc: 17.79 ug/ml



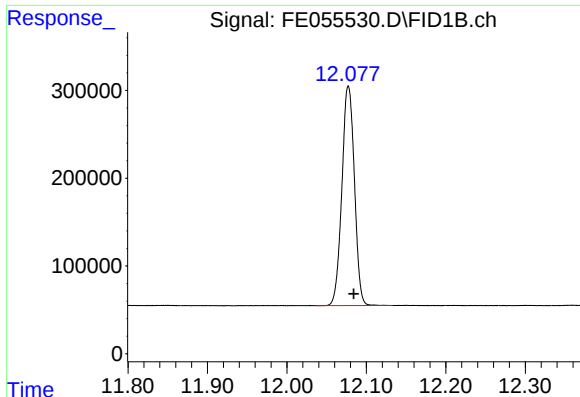
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 2312180
Conc: 18.09 ug/ml



#8 n-Octadecane (C18)

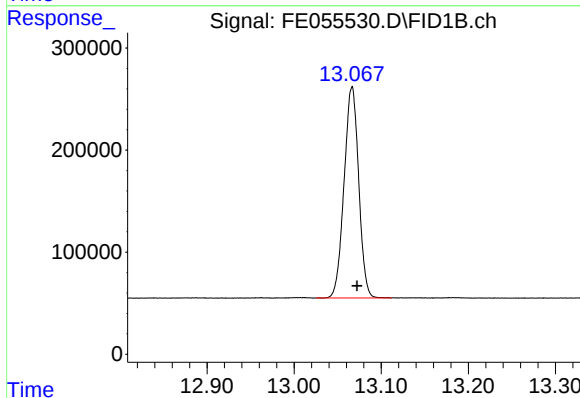
R.T.: 11.751 min
Delta R.T.: -0.007 min
Response: 2447847
Conc: 18.76 ug/ml



#9 ortho-Terphenyl (SURR)

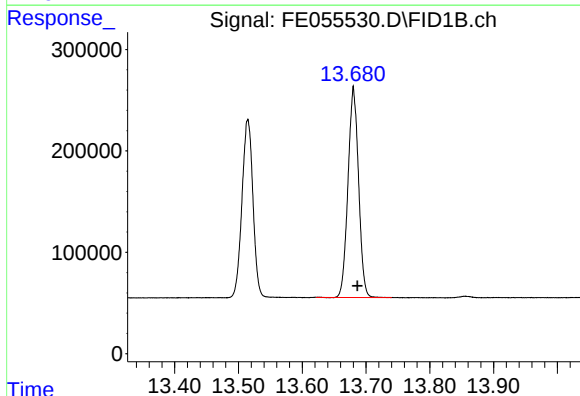
R.T.: 12.078 min
Delta R.T.: -0.007 min
Response: 2739210
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :



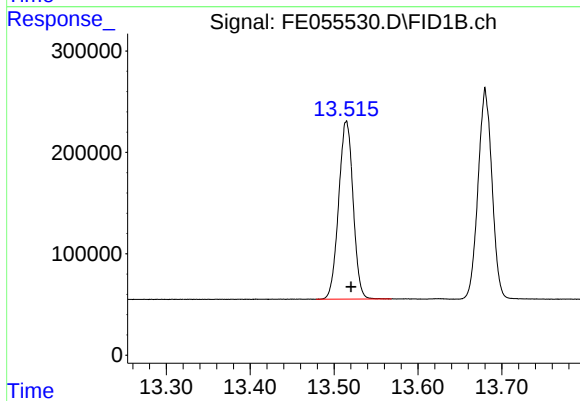
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: -0.006 min
Response: 2411813
Conc: 19.22 ug/ml



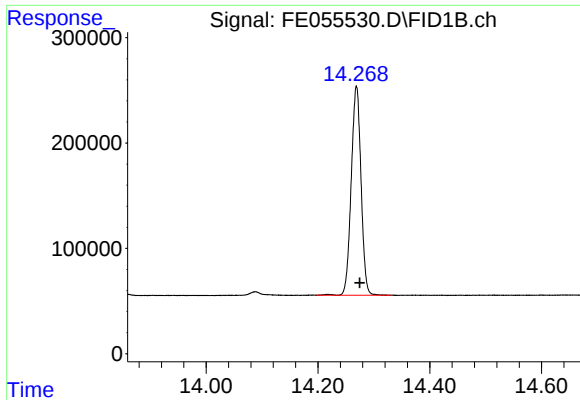
#11 n-Heneicosane (C21)

R.T.: 13.680 min
Delta R.T.: -0.006 min
Response: 2389897
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

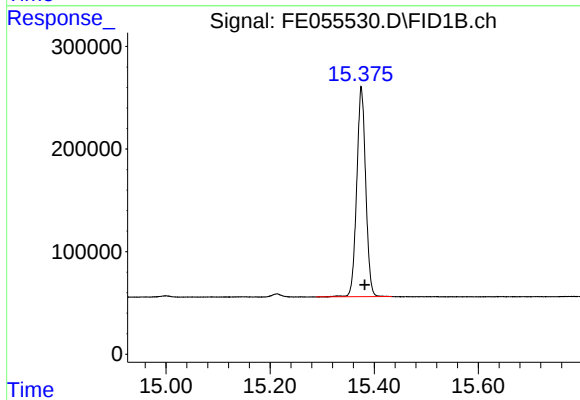
R.T.: 13.515 min
Delta R.T.: -0.006 min
Response: 2099397
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

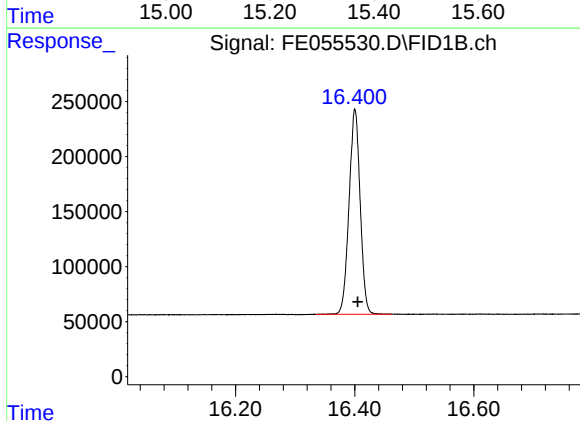
R.T.: 14.269 min
Delta R.T.: -0.006 min
Response: 2412872
Conc: 19.76 ug/ml

Instrument :
FID_E
ClientSampleId :



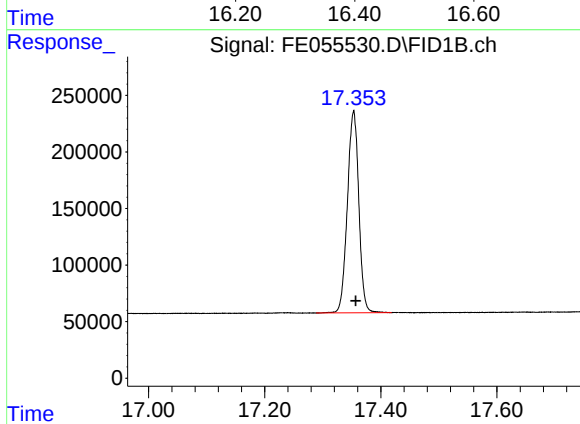
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.006 min
Response: 2453030
Conc: 20.17 ug/ml



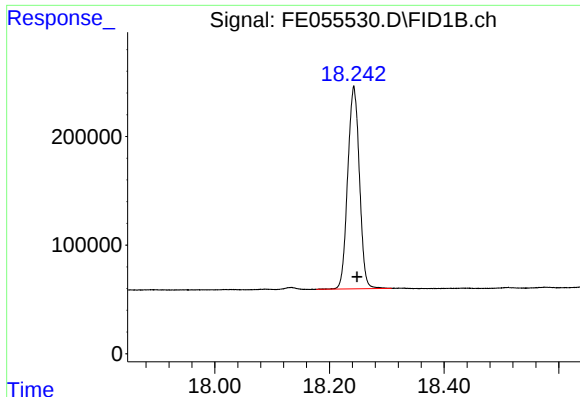
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.005 min
Response: 2412291
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

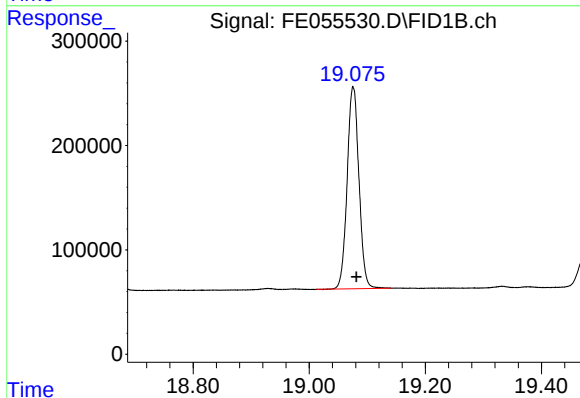
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 2443056
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

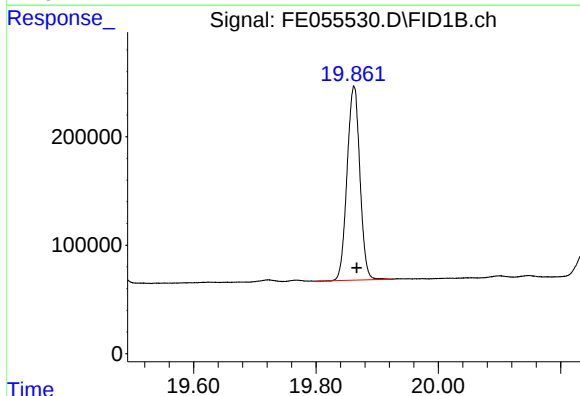
R.T.: 18.243 min
Delta R.T.: -0.005 min
Response: 2636649
Conc: 21.43 ug/ml

Instrument :
FID_E
ClientSampleId :



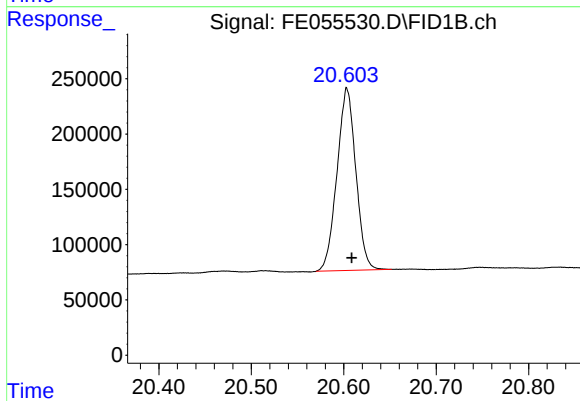
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.006 min
Response: 2732068
Conc: 22.39 ug/ml



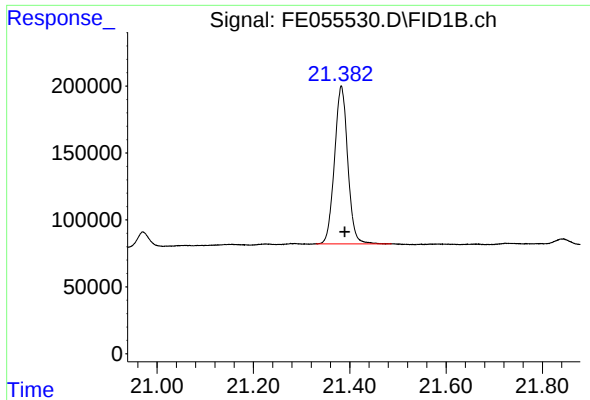
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.005 min
Response: 2596845
Conc: 22.21 ug/ml



#20 n-Hexatriacontane (C36)

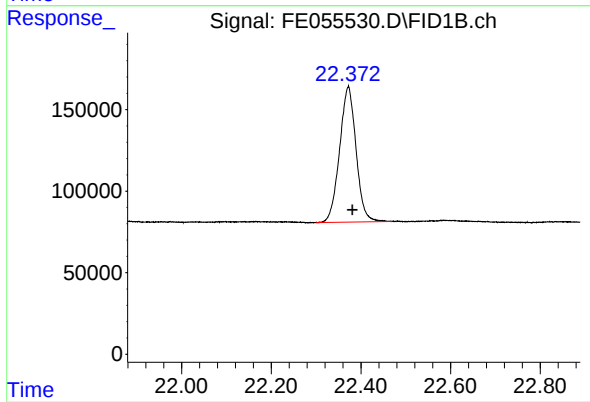
R.T.: 20.604 min
Delta R.T.: -0.005 min
Response: 2335517
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.382 min
Delta R.T.: -0.007 min
Response: 2249515
Conc: 20.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: -0.009 min
Response: 2114804
Conc: 20.22 ug/ml