

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055414.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 16:35
 Operator : YP\AJ
 Sample : Q2868-07MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 01:20:23 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)	12.095	6100574	42.720 ug/ml
Spiked Amount 50.000		Recovery =	85.44%
12) S 1-chlorooctadecane (S...	13.510	70953268	659.883 ug/ml
Spiked Amount 50.000		Recovery =	1319.77%
Target Compounds			
1) T n-Nonane (C9)	3.430	4621084	40.264 ug/ml
2) T n-Decane (C10)	4.683	4829751	41.459 ug/ml
3) T A~Naphthalene (C11.7)	6.401	6540502	48.726 ug/ml
4) T n-Dodecane (C12)	6.856	5182902	43.524 ug/ml
5) T A~2-methylnaphthalene...	7.502	6096495	46.758 ug/ml
6) T n-Tetradecane (C14)	8.694	5684255	46.360 ug/ml
7) T n-Hexadecane (C16)	10.310	5992029	46.870 ug/ml
8) T n-Octadecane (C18)	11.764	6178261	47.352 ug/ml
10) T n-Eicosane (C20)	13.090	9332140	74.376 ug/ml
11) T n-Heneicosane (C21)	13.694	8341559	67.670 ug/ml
13) T n-Docosane (C22)	14.281	9104059	74.550 ug/ml
14) T n-Tetracosane (C24)	15.385	44767613	368.053 ug/ml
15) T n-Hexacosane (C26)	16.417	8944204	74.756 ug/ml
16) T n-Octacosane (C28)	17.361	36329244	306.256 ug/ml
17) T n-Tricontane (C30)	18.260	7216004	58.644 ug/ml
19) T n-Tetratriacontane (C34)	19.879	5622178	48.086 ug/ml
20) T n-Hexatriacontane (C36)	20.617	5809975	53.157 ug/ml
21) T n-Octatriacontane (C38)	21.401	6780026	62.737 ug/ml
22) T n-Tetracontane (C40)	22.396	9597291	91.775 ug/ml

(f)=RT Delta > 1/2 Window

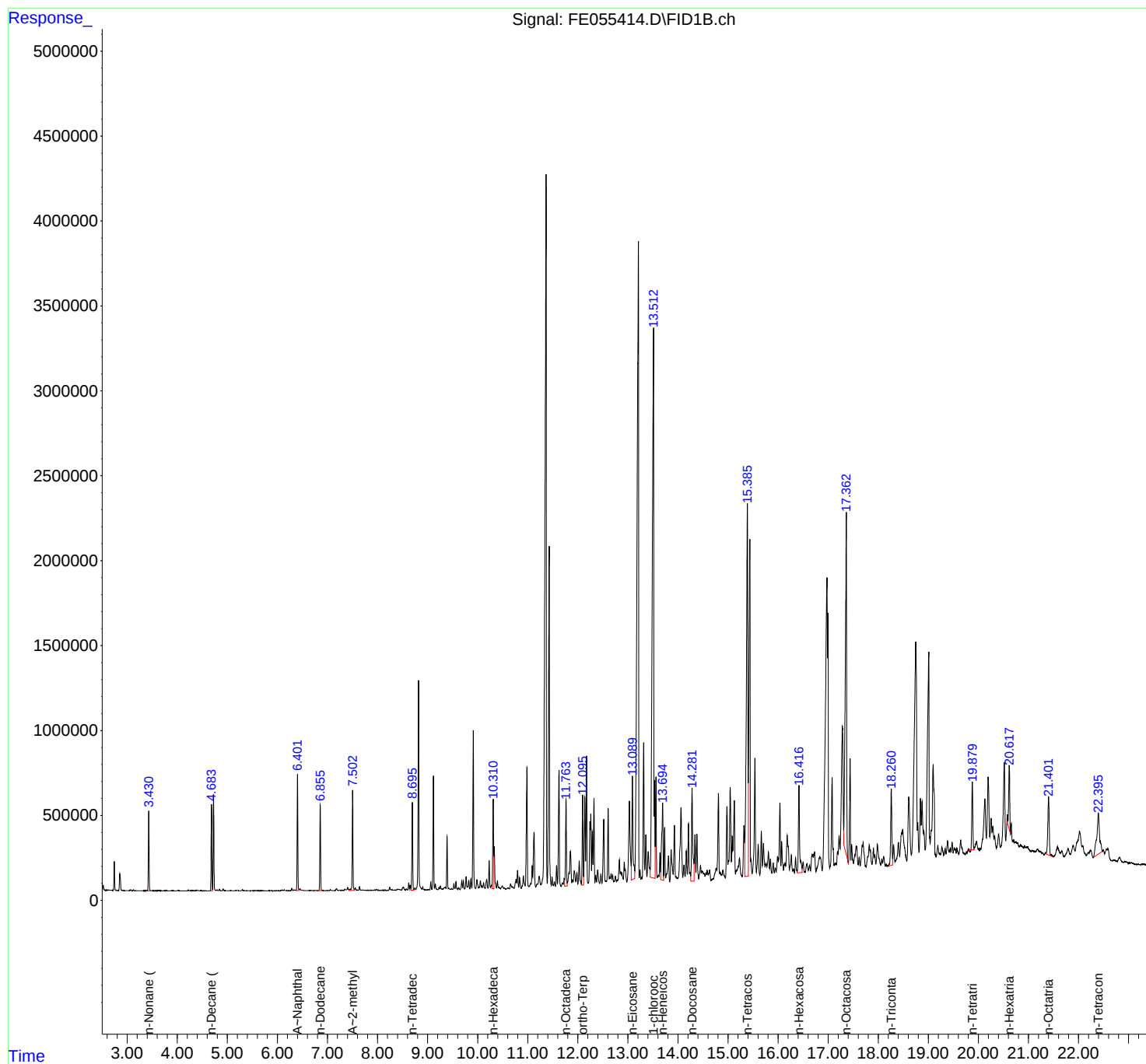
(m)=manual int.

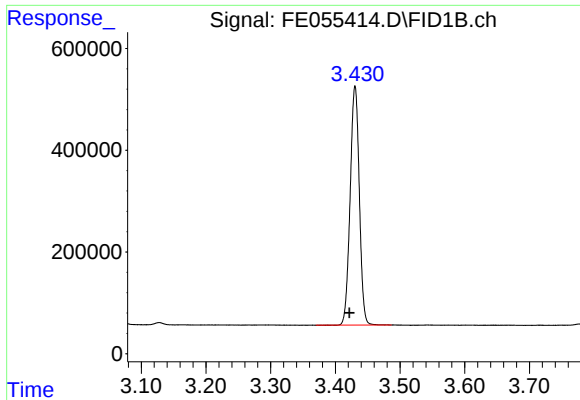
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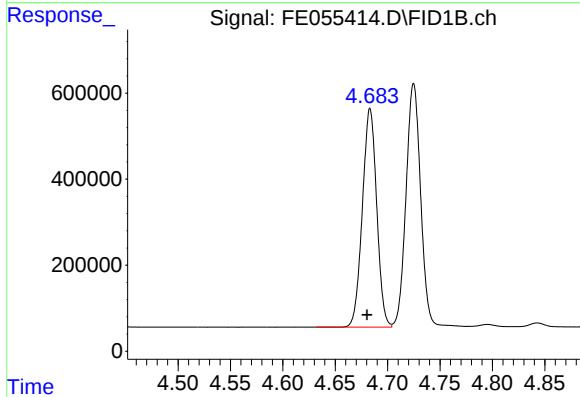




#1 n-Nonane (C9)

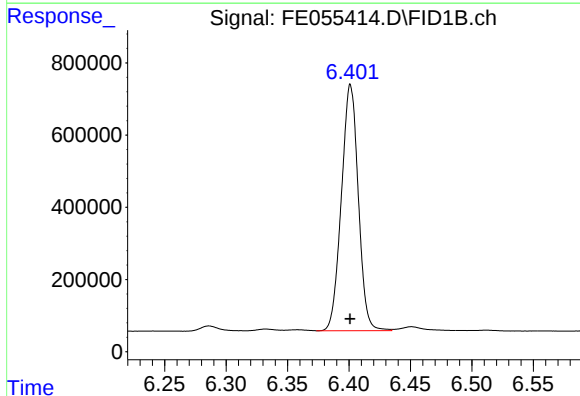
R.T.: 3.430 min
Delta R.T.: 0.008 min
Response: 4621084
Conc: 40.26 ug/ml

Instrument :
FID_E
ClientSampleId :



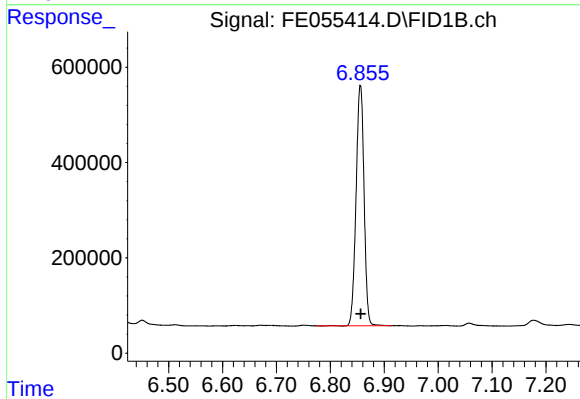
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 4829751
Conc: 41.46 ug/ml



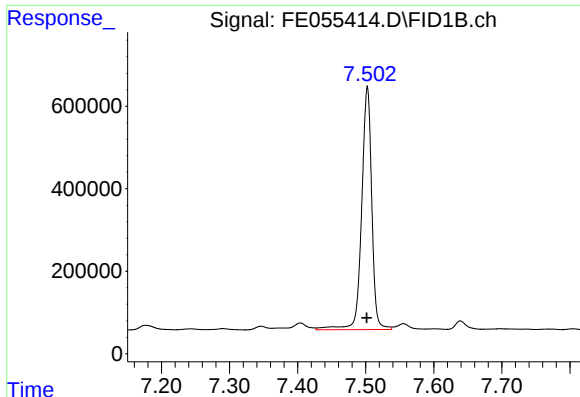
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 6540502
Conc: 48.73 ug/ml



#4 n-Dodecane (C12)

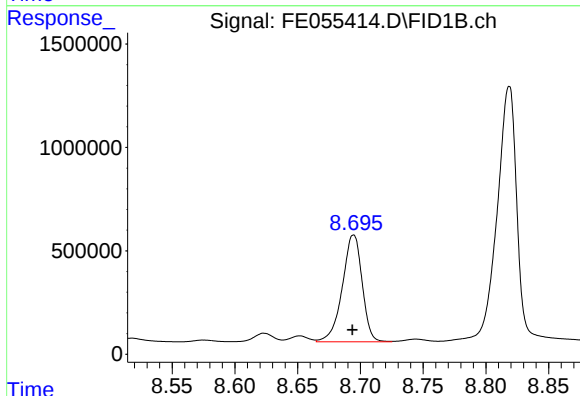
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 5182902
Conc: 43.52 ug/ml



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

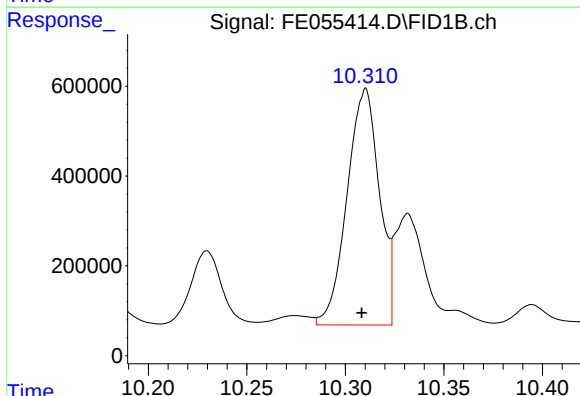
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 6096495
Conc: 46.76 ug/ml

Instrument :
FID_E
ClientSampleId :



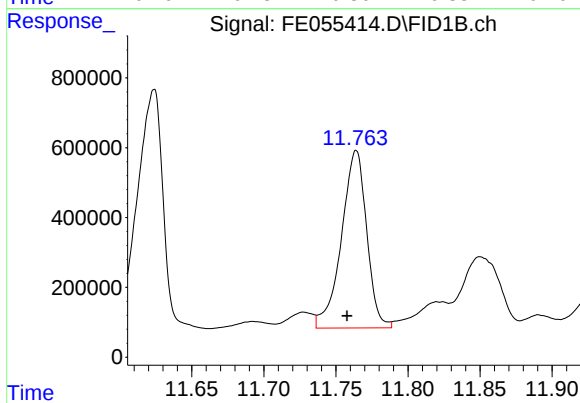
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 5684255
Conc: 46.36 ug/ml



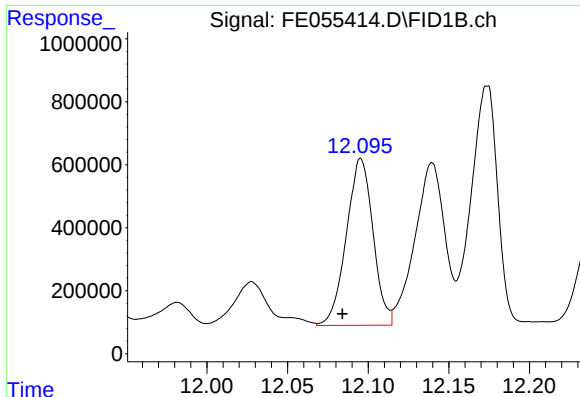
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.001 min
Response: 5992029
Conc: 46.87 ug/ml



#8 n-Octadecane (C18)

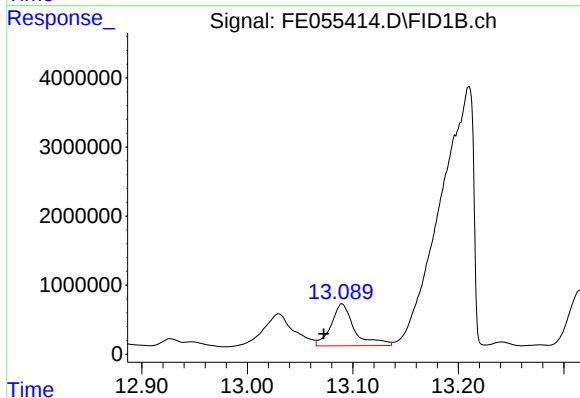
R.T.: 11.764 min
Delta R.T.: 0.006 min
Response: 6178261
Conc: 47.35 ug/ml



#9 ortho-Terphenyl (SURR)

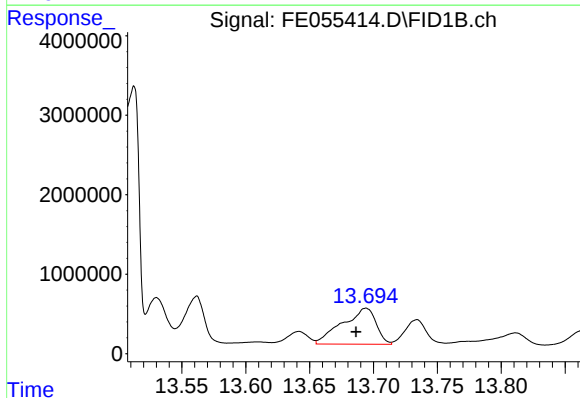
R.T.: 12.095 min
Delta R.T.: 0.011 min
Response: 6100574
Conc: 42.72 ug/ml

Instrument :
FID_E
ClientSampleId :



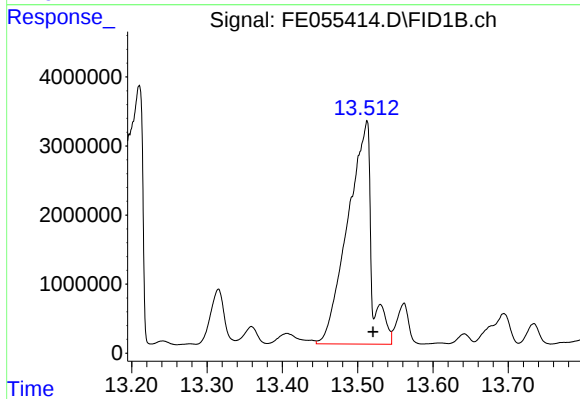
#10 n-Eicosane (C20)

R.T.: 13.090 min
Delta R.T.: 0.017 min
Response: 9332140
Conc: 74.38 ug/ml



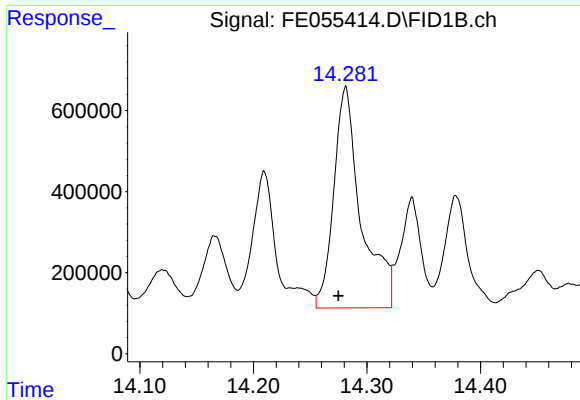
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.008 min
Response: 8341559
Conc: 67.67 ug/ml



#12 1-chlorooctadecane (SURR)

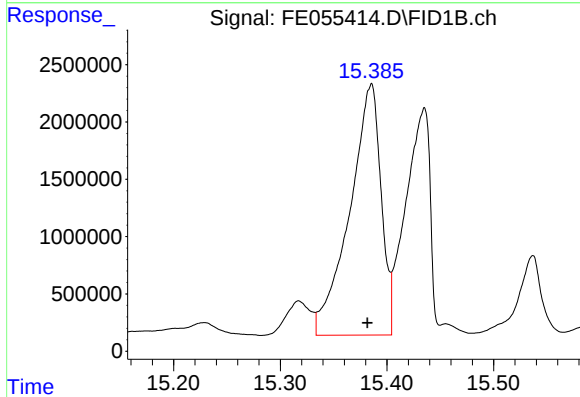
R.T.: 13.510 min
Delta R.T.: -0.010 min
Response: 70953268
Conc: 659.88 ug/ml



#13 n-Docosane (C22)

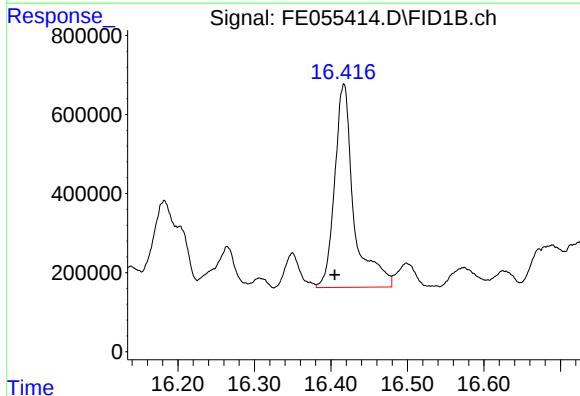
R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 9104059
Conc: 74.55 ug/ml

Instrument :
FID_E
ClientSampleId :



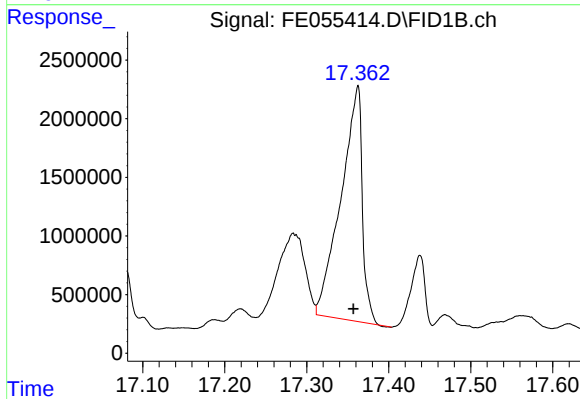
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 44767613
Conc: 368.05 ug/ml



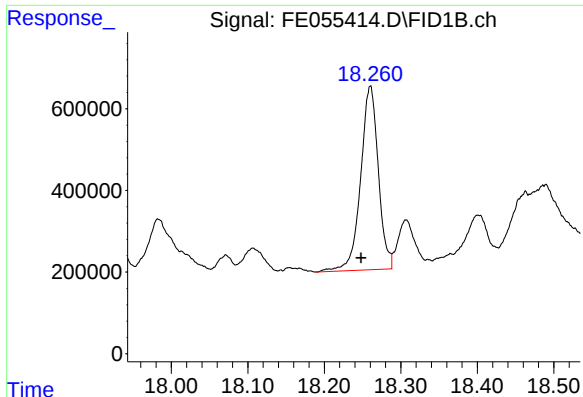
#15 n-Hexacosane (C26)

R.T.: 16.417 min
Delta R.T.: 0.012 min
Response: 8944204
Conc: 74.76 ug/ml



#16 n-Octacosane (C28)

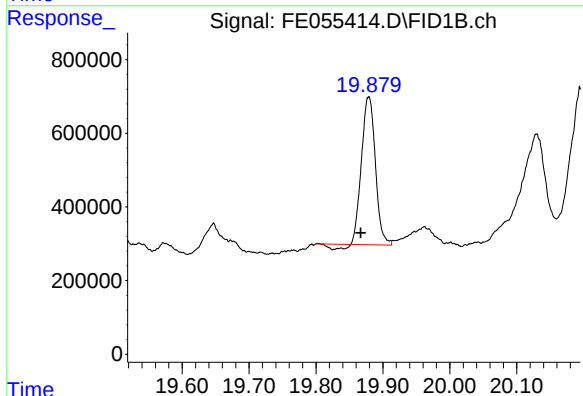
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 36329244
Conc: 306.26 ug/ml



#17 n-Tricontane (C30)

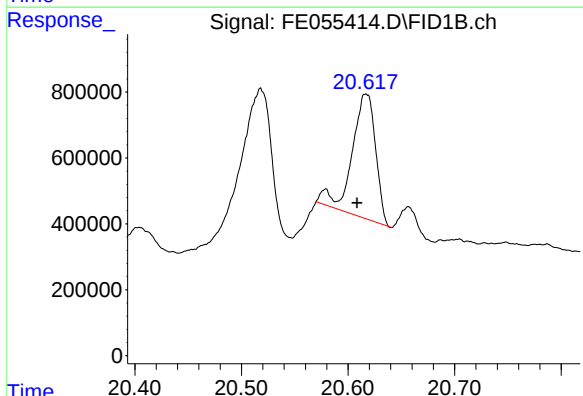
R.T.: 18.260 min
Delta R.T.: 0.012 min
Response: 7216004
Conc: 58.64 ug/ml

Instrument :
FID_E
ClientSampleId :



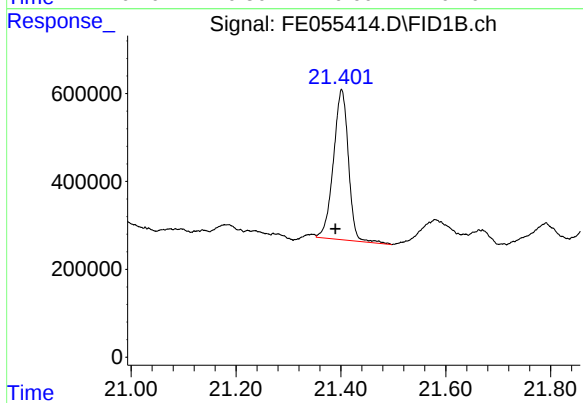
#19 n-Tetratriacontane (C34)

R.T.: 19.879 min
Delta R.T.: 0.012 min
Response: 5622178
Conc: 48.09 ug/ml



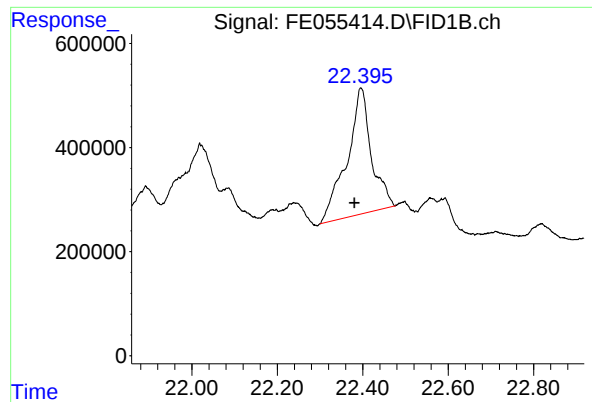
#20 n-Hexatriacontane (C36)

R.T.: 20.617 min
Delta R.T.: 0.008 min
Response: 5809975
Conc: 53.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.012 min
Response: 6780026
Conc: 62.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.396 min
Delta R.T.: 0.015 min
Response: 9597291
Conc: 91.77 ug/ml

Instrument :
FID_E
ClientSampleId :