

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030923AL\
 Data File : FE040731.D
 Signal(s) : FID1B.ch
 Acq On : 09 Mar 2023 15:50
 Operator : YP\AJ
 Sample : 01833-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 46MS

Integration File: autoint1.e
 Quant Time: Mar 09 23:16:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 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)	11.880	7041732	37.694 ug/ml
Spiked Amount 50.000		Recovery =	75.39%
12) S 1-chlorooctadecane (S...	13.317	5930503	40.070 ug/ml
Spiked Amount 50.000		Recovery =	80.14%
Target Compounds			
1) T n-Nonane (C9)	3.279	4925559	32.010 ug/ml
2) T n-Decane (C10)	4.525	5564625	36.987 ug/ml
3) T A~Naphthalene (C11.7)	6.225	6527837	39.356 ug/ml
4) T n-Dodecane (C12)	6.688	6236268	40.736 ug/ml
5) T A~2-methylnaphthalene...	7.320	6463899	42.710 ug/ml
6) T n-Tetradecane (C14)	8.516	6627275	42.880 ug/ml
7) T n-Hexadecane (C16)	10.122	7408955	45.870 ug/ml
8) T n-Octadecane (C18)	11.565	7992974	47.074 ug/ml
10) T n-Eicosane (C20)	12.875	7792504	46.064 ug/ml
11) T n-Heneicosane (C21)	13.486	7642833	44.601 ug/ml
13) T n-Docosane (C22)	14.072	7551386	44.080 ug/ml
14) T n-Tetracosane (C24)	15.169	14353993	83.264 ug/ml
15) T n-Hexacosane (C26)	16.200	6985338	41.100 ug/ml
16) T n-Octacosane (C28)	17.149	6772249	40.382 ug/ml
17) T n-Tricontane (C30)	18.039	6454951	39.532 ug/ml
18) T n-Dotriacontane (C32)	18.870	6360552	37.164 ug/ml
19) T n-Tetratriacontane (C34)	19.655	6220338	40.233 ug/ml
20) T n-Hexatriacontane (C36)	20.396	5903686	40.637 ug/ml
21) T n-Octatriacontane (C38)	21.126	6039381	43.936 ug/ml
22) T n-Tetracontane (C40)	22.021	6282904	40.661 ug/ml

(f)=RT Delta > 1/2 Window

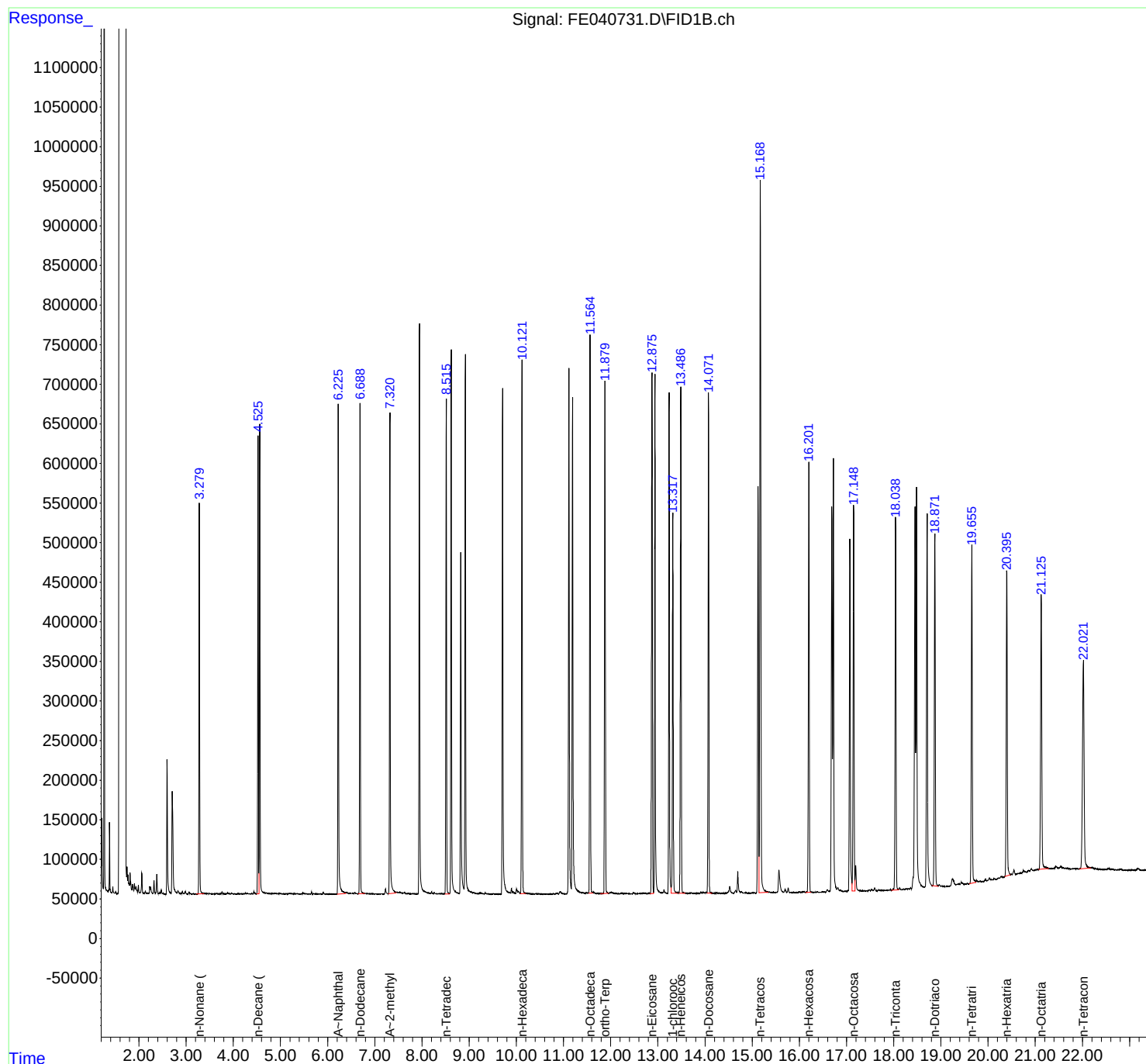
(m)=manual int.

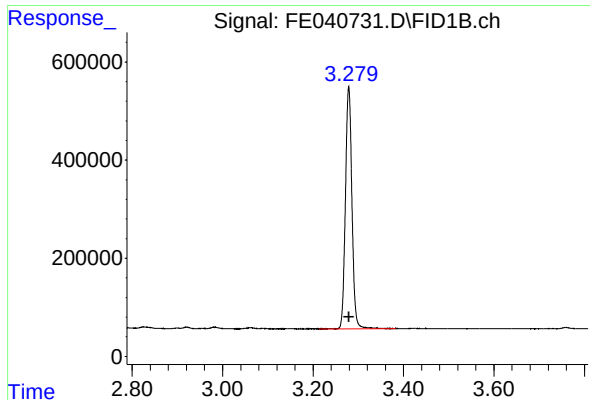
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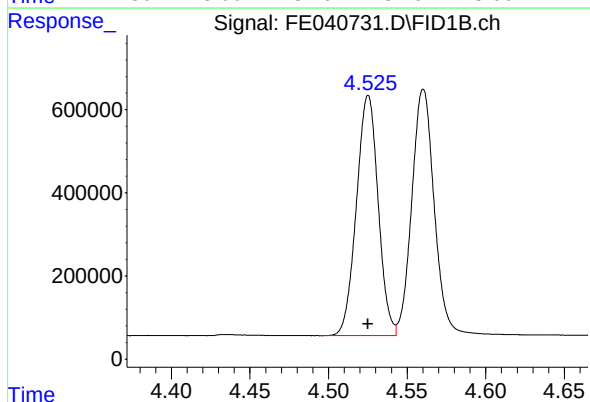




#1 n-Nonane (C9)

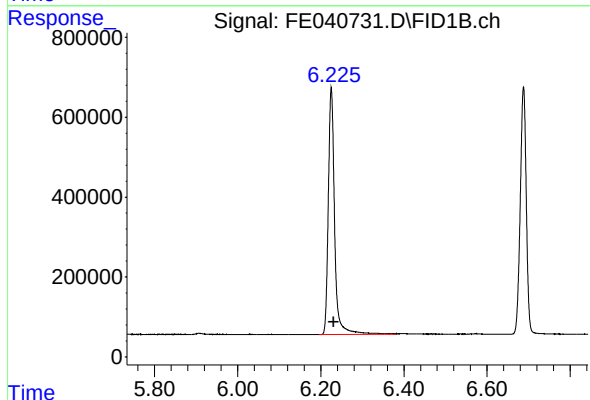
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 4925559
Conc: 32.01 ug/ml

Instrument :
FID_E
ClientSampleId :
46MS



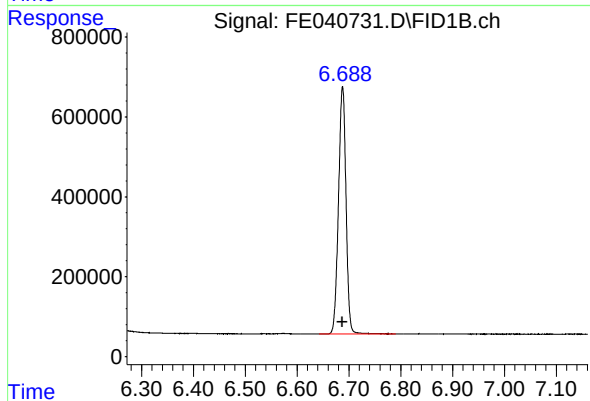
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 5564625
Conc: 36.99 ug/ml



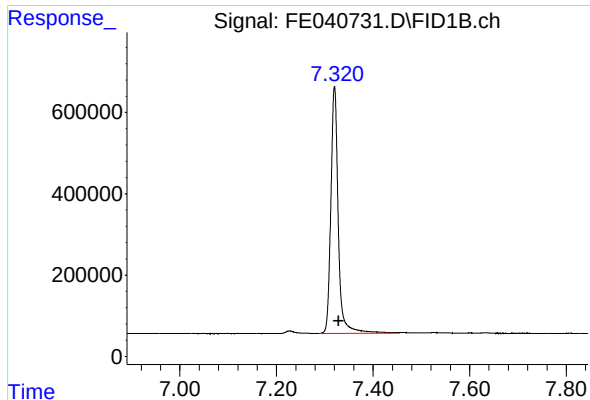
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.006 min
Response: 6527837
Conc: 39.36 ug/ml



#4 n-Dodecane (C12)

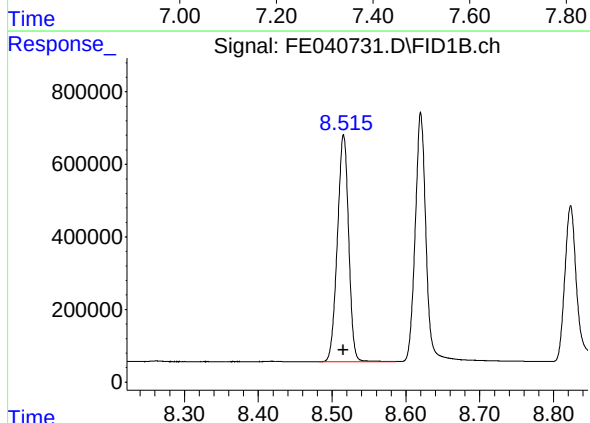
R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 6236268
Conc: 40.74 ug/ml



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

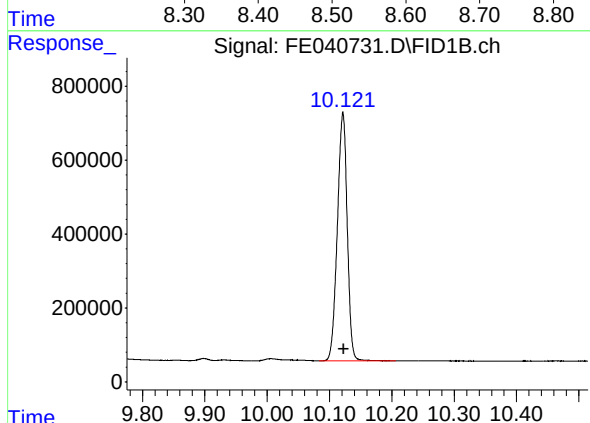
R.T.: 7.320 min
Delta R.T.: -0.008 min
Response: 6463899
Conc: 42.71 ug/ml

Instrument :
FID_E
ClientSampleId :
46MS



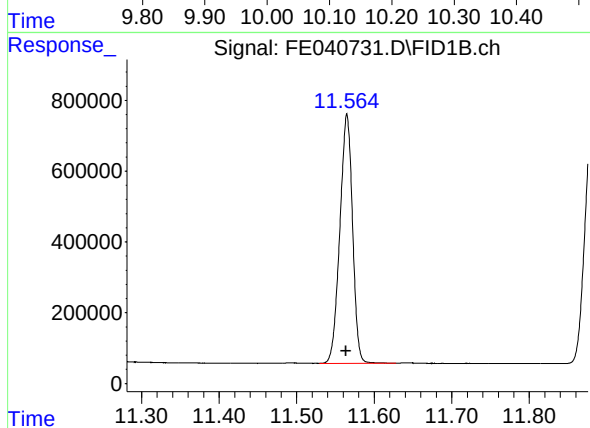
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 6627275
Conc: 42.88 ug/ml



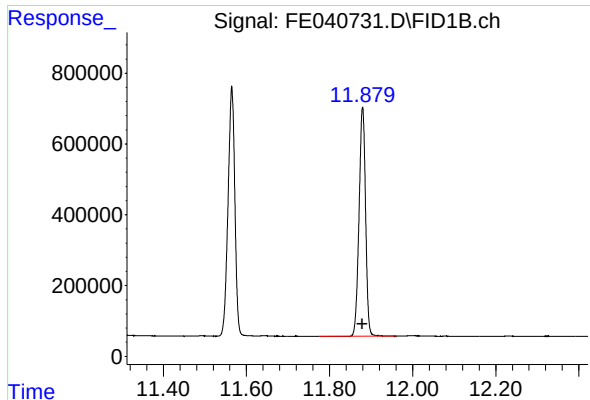
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.001 min
Response: 7408955
Conc: 45.87 ug/ml



#8 n-Octadecane (C18)

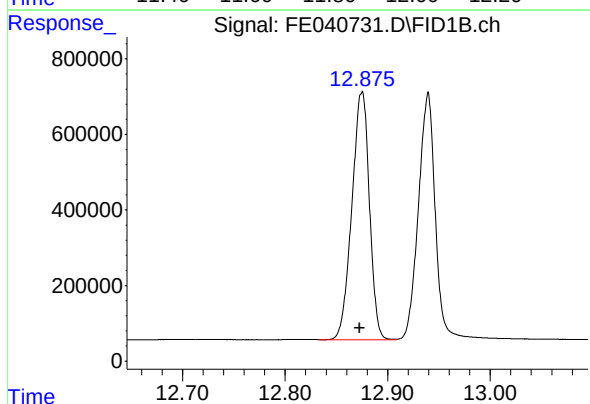
R.T.: 11.565 min
Delta R.T.: 0.001 min
Response: 7992974
Conc: 47.07 ug/ml



#9 ortho-Terphenyl (SURR)

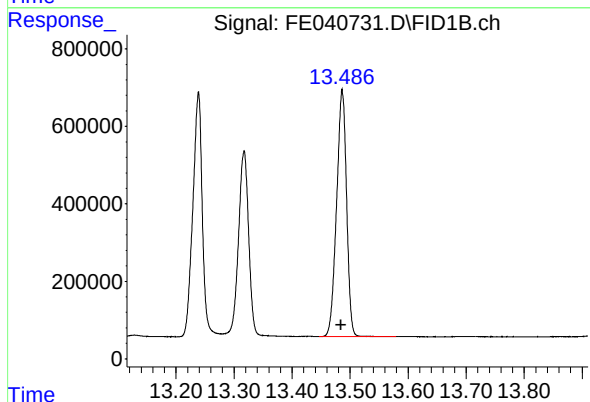
R.T.: 11.880 min
Delta R.T.: 0.000 min
Response: 7041732
Conc: 37.69 ug/ml

Instrument :
FID_E
ClientSampleId :
46MS



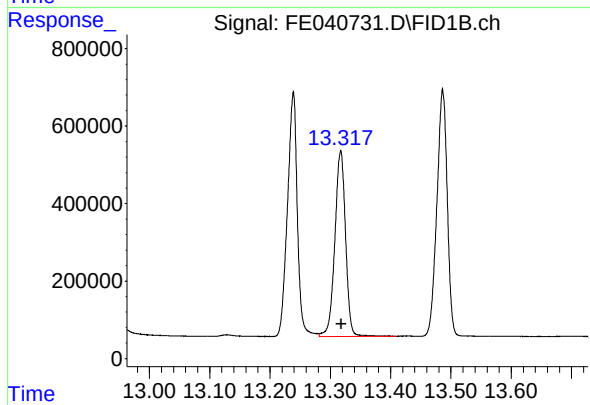
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.002 min
Response: 7792504
Conc: 46.06 ug/ml



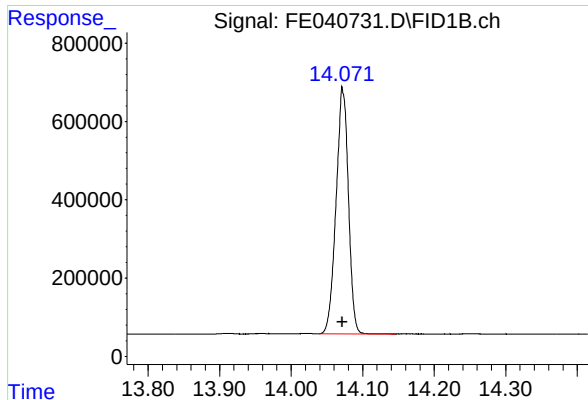
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: 0.002 min
Response: 7642833
Conc: 44.60 ug/ml



#12 1-chlorooctadecane (SURR)

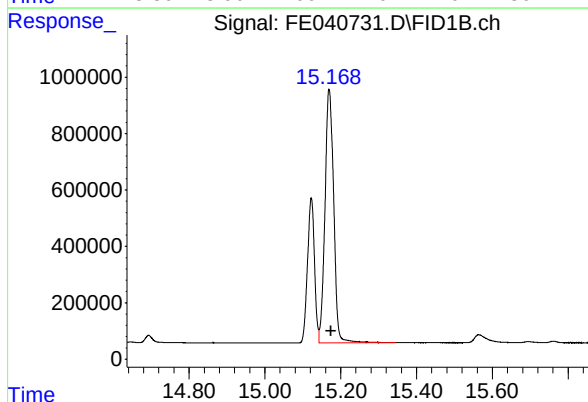
R.T.: 13.317 min
Delta R.T.: 0.000 min
Response: 5930503
Conc: 40.07 ug/ml



#13 n-Docosane (C22)

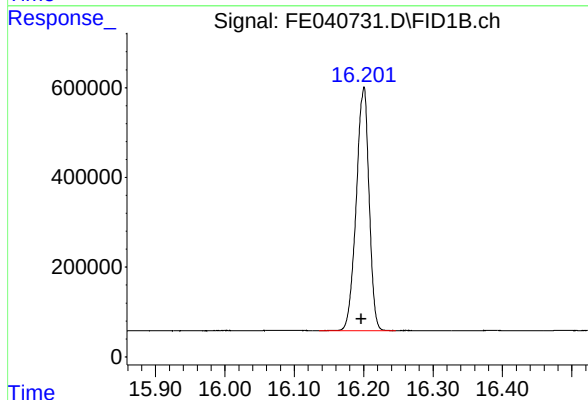
R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 7551386
Conc: 44.08 ug/ml

Instrument :
FID_E
ClientSampleId :
46MS



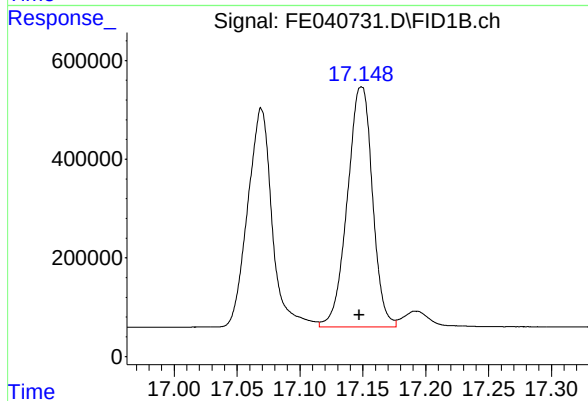
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.005 min
Response: 14353993
Conc: 83.26 ug/ml



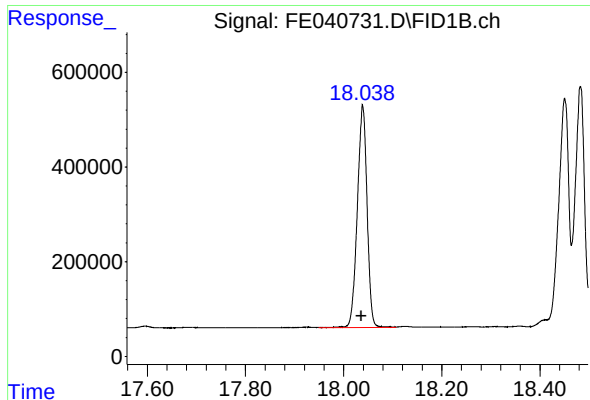
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 6985338
Conc: 41.10 ug/ml



#16 n-Octacosane (C28)

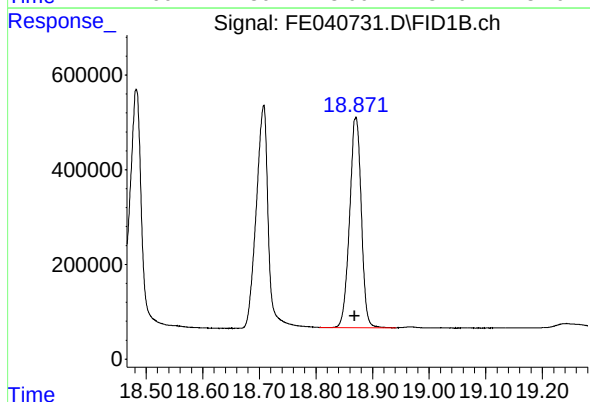
R.T.: 17.149 min
Delta R.T.: 0.002 min
Response: 6772249
Conc: 40.38 ug/ml



#17 n-Tricontane (C30)

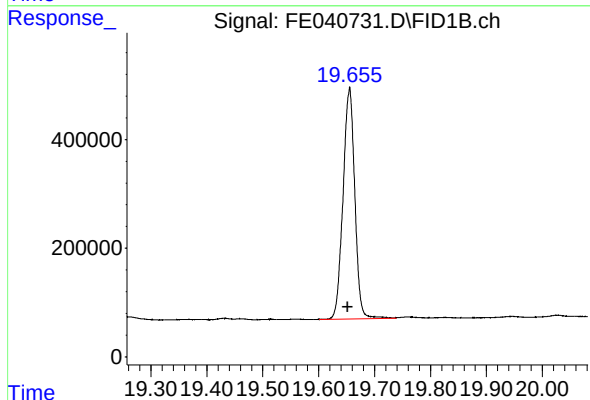
R.T.: 18.039 min
Delta R.T.: 0.003 min
Response: 6454951
Conc: 39.53 ug/ml

Instrument :
FID_E
ClientSampleId :
46MS



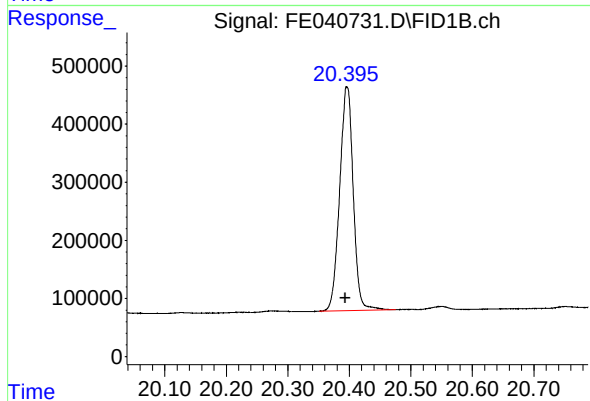
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.002 min
Response: 6360552
Conc: 37.16 ug/ml



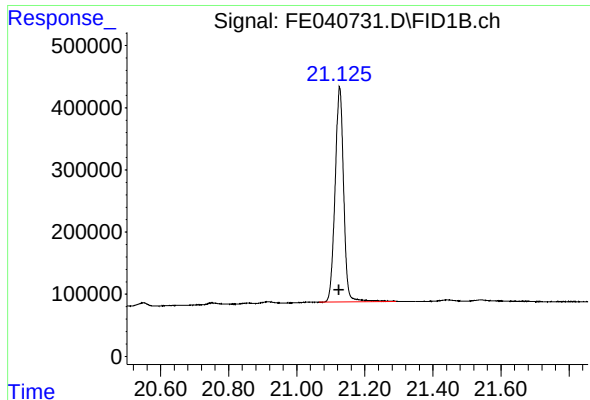
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.003 min
Response: 6220338
Conc: 40.23 ug/ml



#20 n-Hexatriacontane (C36)

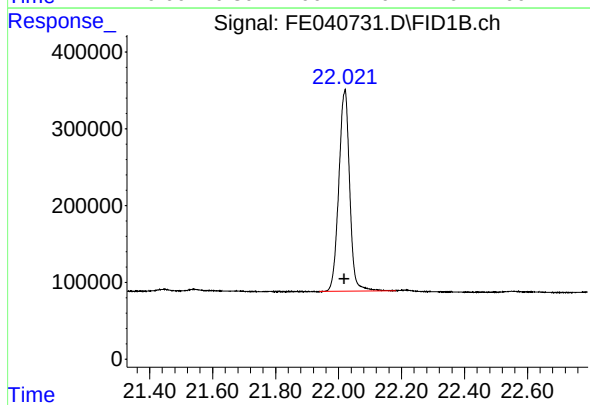
R.T.: 20.396 min
Delta R.T.: 0.003 min
Response: 5903686
Conc: 40.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: 0.002 min
Response: 6039381
Conc: 43.94 ug/ml

Instrument :
FID_E
ClientSampleId :
46MS



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: 0.002 min
Response: 6282904
Conc: 40.66 ug/ml