

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054057.D
 Signal(s) : FID1B.ch
 Acq On : 28 May 2025 19:04
 Operator : YP\AJ
 Sample : Q2128-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP03-MHMMS

Integration File: autoint1.e
 Quant Time: May 29 05:31:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.842	7028375	43.248 ug/ml
Spiked Amount 50.000		Recovery =	86.50%
12) S 1-chlorooctadecane (S...	13.286	5808309	48.995 ug/ml
Spiked Amount 50.000		Recovery =	97.99%
Target Compounds			
1) T n-Nonane (C9)	3.185	2480746	18.355 ug/ml
2) T n-Decane (C10)	4.450	2866362	21.212 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3744485	26.055 ug/ml
4) T n-Dodecane (C12)	6.632	3407295	24.979 ug/ml
5) T A~2-methylnaphthalene...	7.266	3693442	26.627 ug/ml
6) T n-Tetradecane (C14)	8.468	3858659	28.593 ug/ml
7) T n-Hexadecane (C16)	10.079	4307968	31.926 ug/ml
8) T n-Octadecane (C18)	11.527	4357975	32.363 ug/ml
10) T n-Eicosane (C20)	12.840	4601670	35.013 ug/ml
11) T n-Heneicosane (C21)	13.453	4419879	34.092 ug/ml
13) T n-Docosane (C22)	14.041	4357020	34.152 ug/ml
14) T n-Tetracosane (C24)	15.138	9152073	73.148 ug/ml
15) T n-Hexacosane (C26)	16.170	4265548	34.835 ug/ml
16) T n-Octacosane (C28)	17.120	4395764	36.160 ug/ml
17) T n-Tricontane (C30)	18.011	4223090	33.903 ug/ml
18) T n-Dotriacontane (C32)	18.843	4145635	33.151 ug/ml
19) T n-Tetratriacontane (C34)	19.628	4217833	35.408 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4319391	37.304 ug/ml
21) T n-Octatriacontane (C38)	21.100	4517088	41.508 ug/ml
22) T n-Tetracontane (C40)	21.992	4449809	44.843 ug/ml

(f)=RT Delta > 1/2 Window

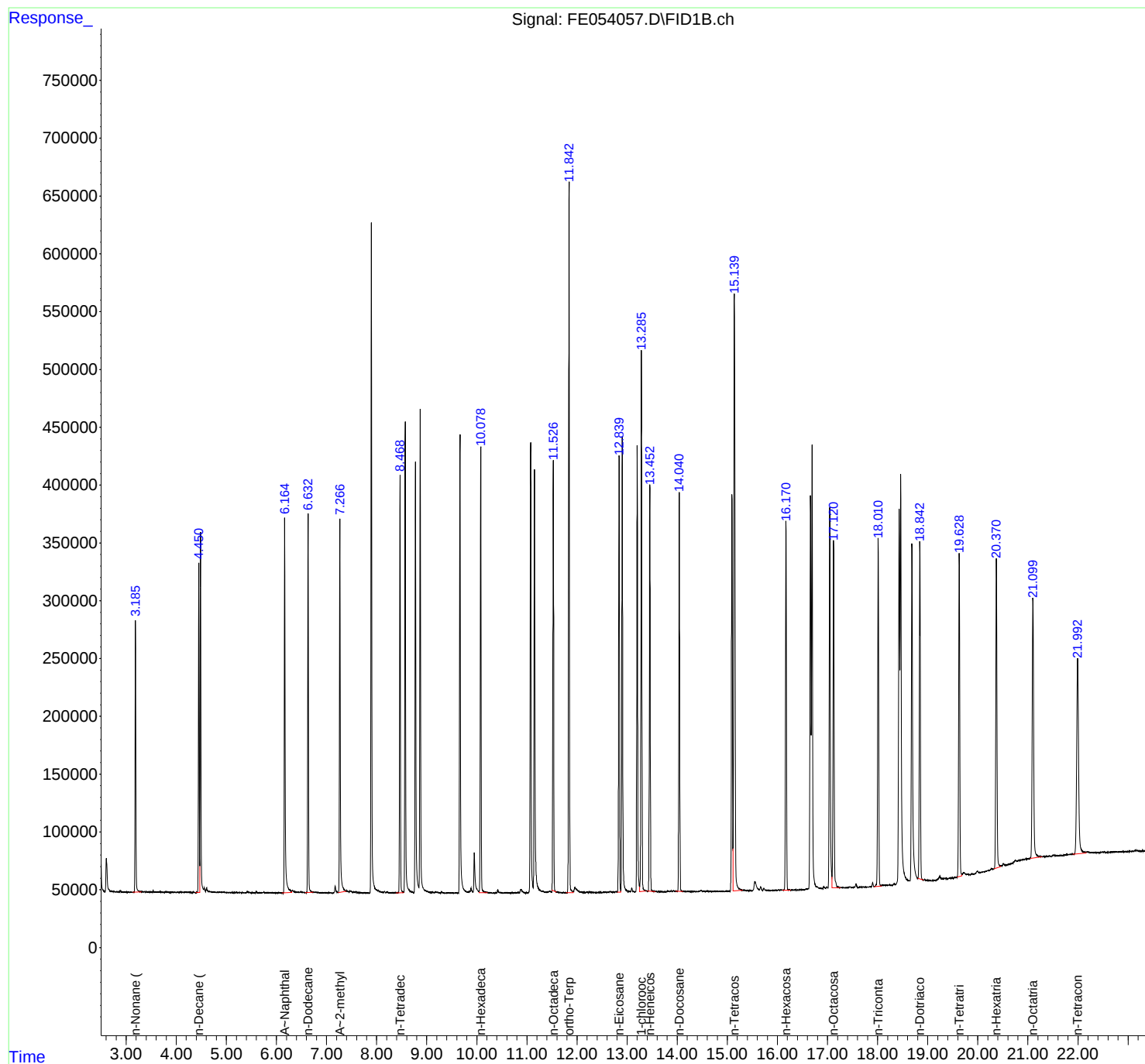
(m)=manual int.

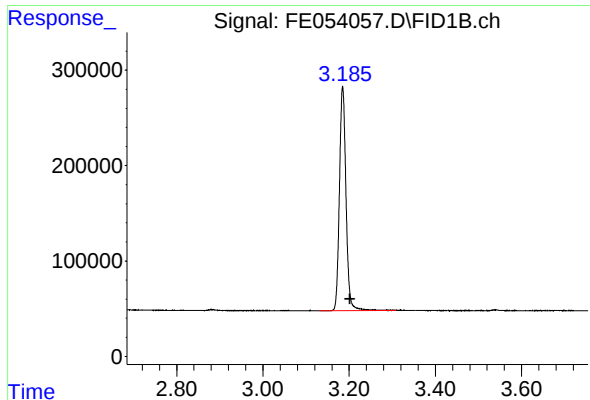
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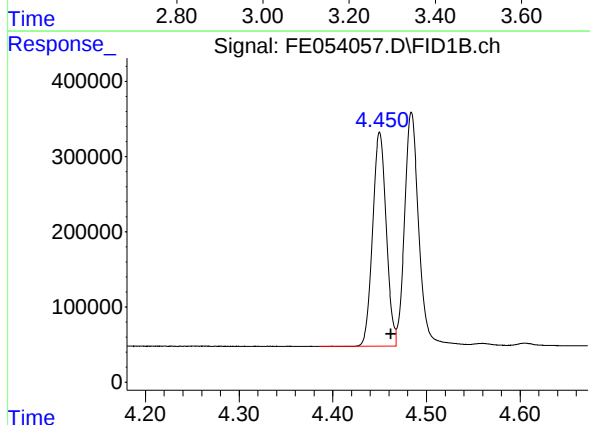




#1 n-Nonane (C9)

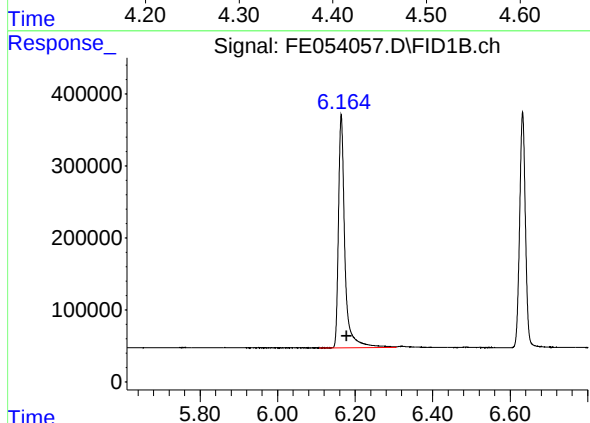
R.T.: 3.185 min
Delta R.T.: -0.017 min
Response: 2480746
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMS



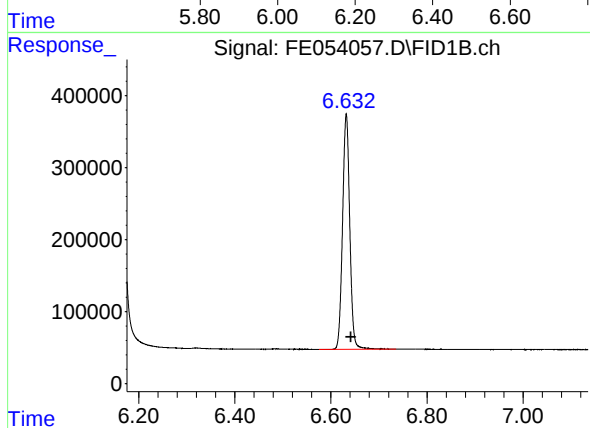
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: -0.012 min
Response: 2866362
Conc: 21.21 ug/ml



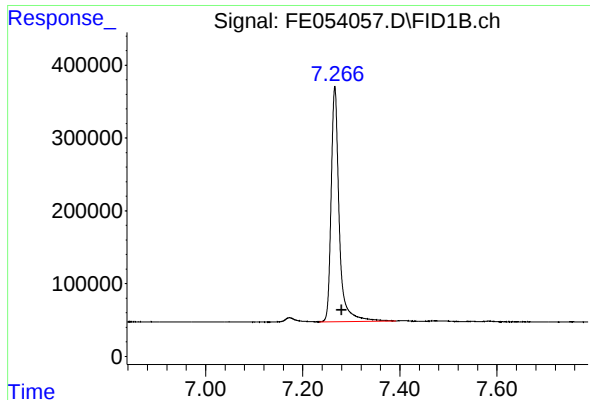
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.014 min
Response: 3744485
Conc: 26.05 ug/ml



#4 n-Dodecane (C12)

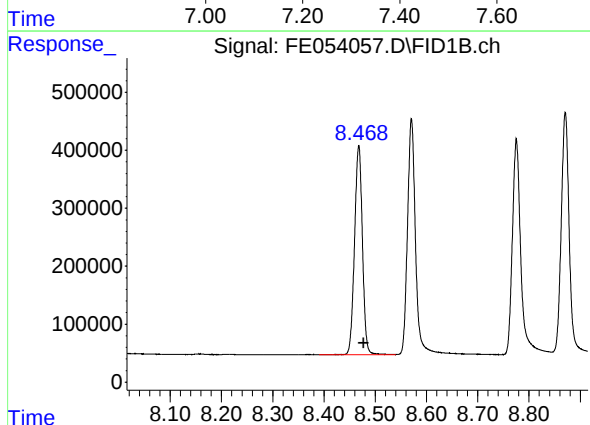
R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 3407295
Conc: 24.98 ug/ml



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

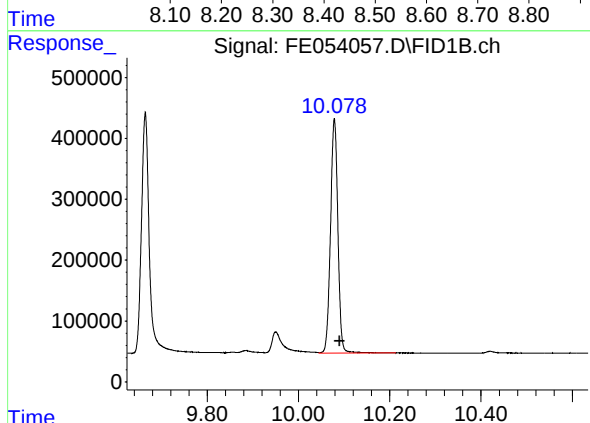
R.T.: 7.266 min
Delta R.T.: -0.014 min
Response: 3693442
Conc: 26.63 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMS



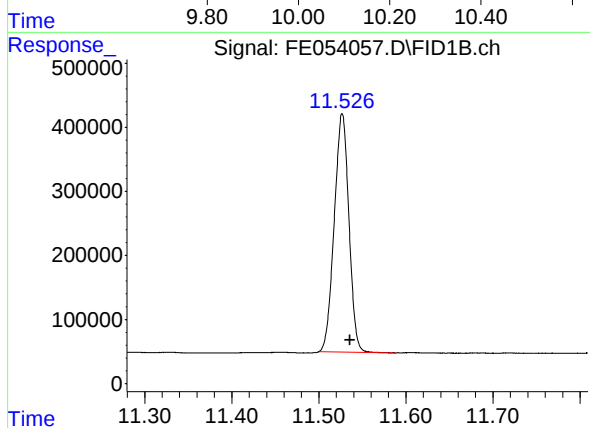
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.009 min
Response: 3858659
Conc: 28.59 ug/ml



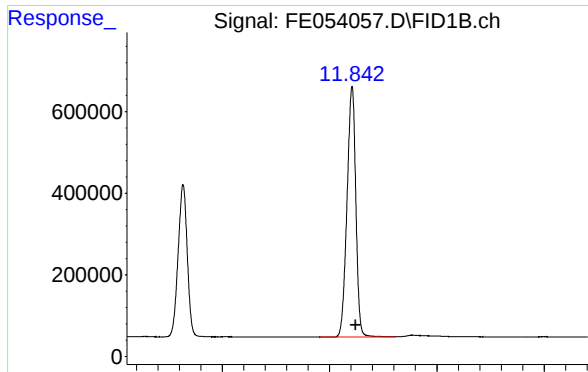
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.011 min
Response: 4307968
Conc: 31.93 ug/ml



#8 n-Octadecane (C18)

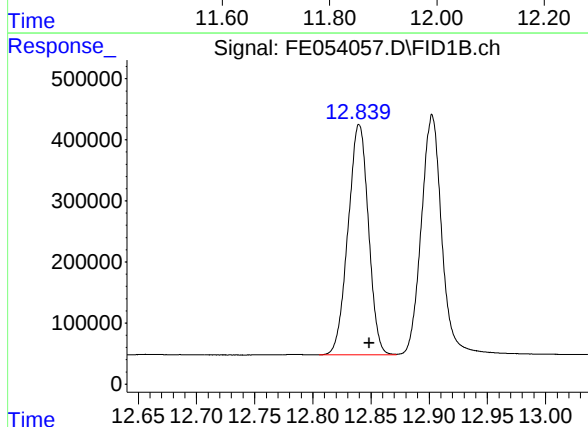
R.T.: 11.527 min
Delta R.T.: -0.009 min
Response: 4357975
Conc: 32.36 ug/ml



#9 ortho-Terphenyl (SURR)

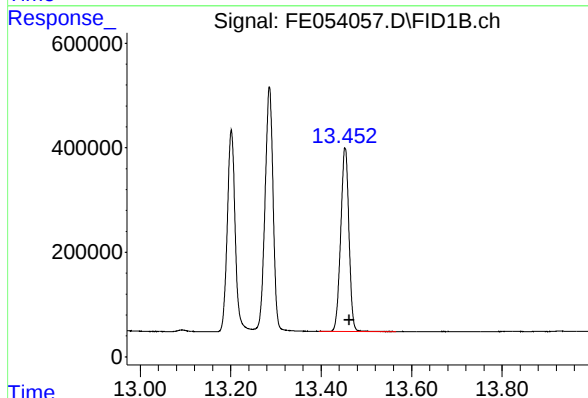
R.T.: 11.842 min
Delta R.T.: -0.007 min
Response: 7028375
Conc: 43.25 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMS



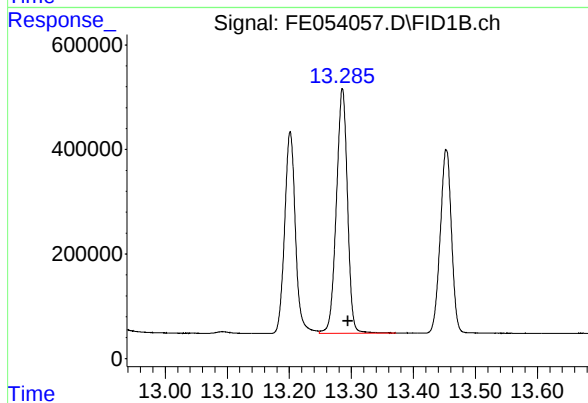
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.009 min
Response: 4601670
Conc: 35.01 ug/ml



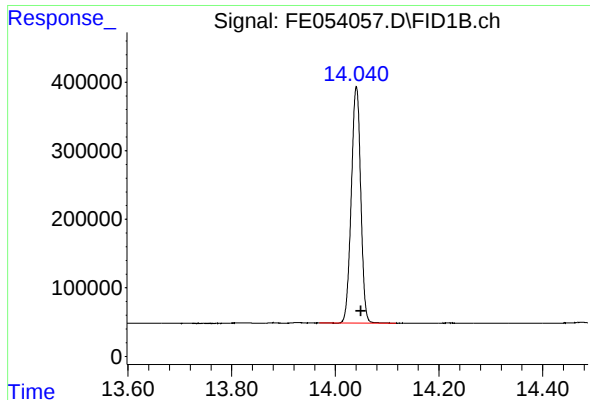
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.009 min
Response: 4419879
Conc: 34.09 ug/ml



#12 1-chlorooctadecane (SURR)

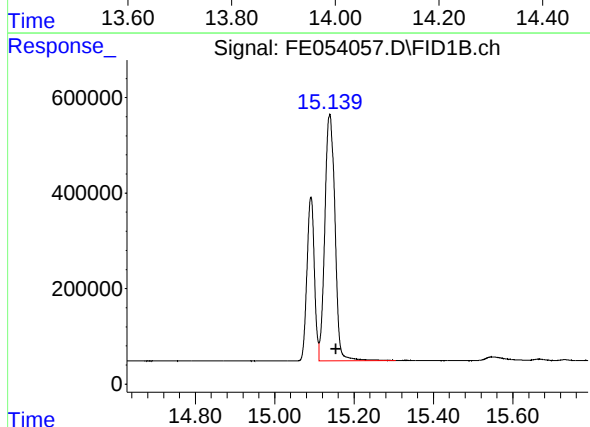
R.T.: 13.286 min
Delta R.T.: -0.009 min
Response: 5808309
Conc: 48.99 ug/ml



#13 n-Docosane (C22)

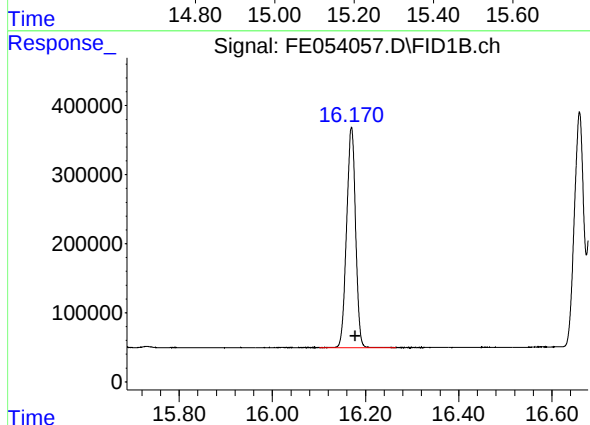
R.T.: 14.041 min
Delta R.T.: -0.009 min
Response: 4357020
Conc: 34.15 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMS



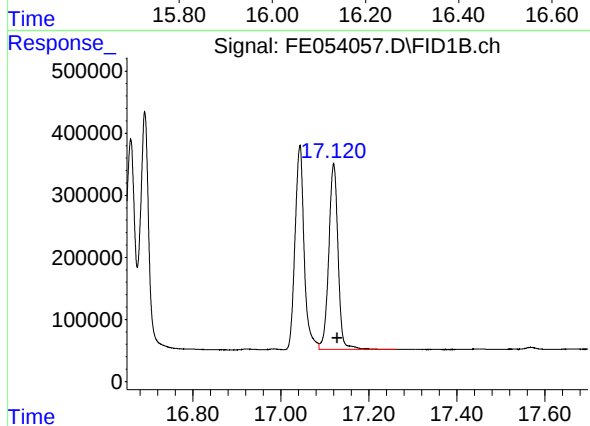
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.016 min
Response: 9152073
Conc: 73.15 ug/ml



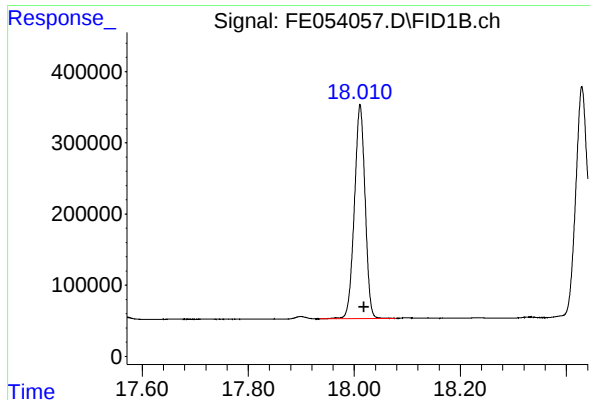
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.008 min
Response: 4265548
Conc: 34.83 ug/ml



#16 n-Octacosane (C28)

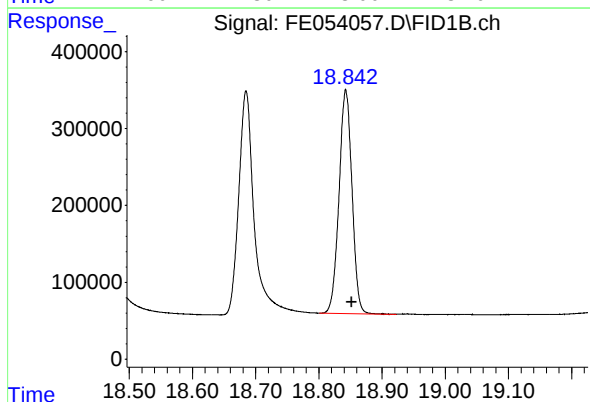
R.T.: 17.120 min
Delta R.T.: -0.008 min
Response: 4395764
Conc: 36.16 ug/ml



#17 n-Tricontane (C30)

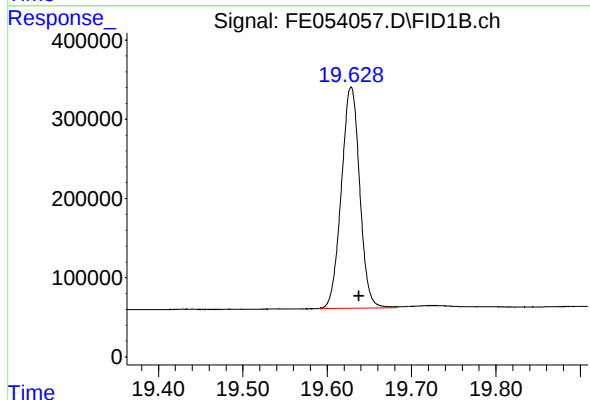
R.T.: 18.011 min
Delta R.T.: -0.007 min
Response: 4223090
Conc: 33.90 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMS



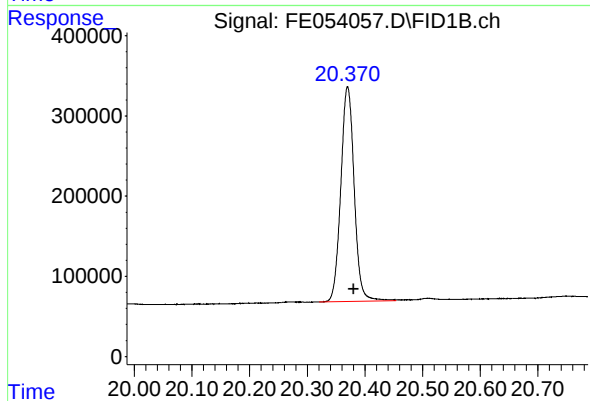
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.010 min
Response: 4145635
Conc: 33.15 ug/ml



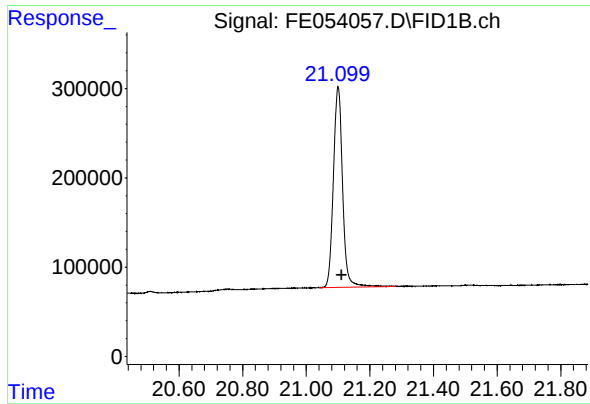
#19 n-Tetatriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.009 min
Response: 4217833
Conc: 35.41 ug/ml



#20 n-Hexatriacontane (C36)

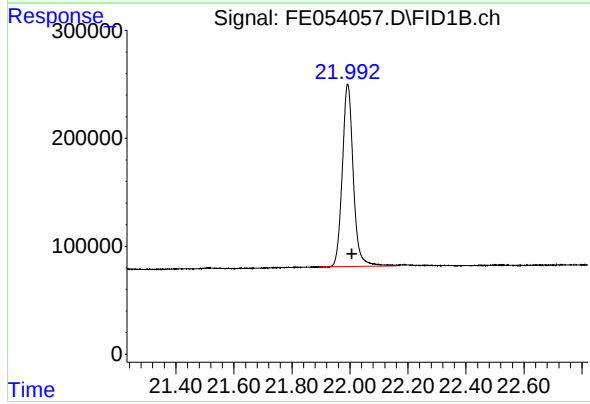
R.T.: 20.370 min
Delta R.T.: -0.010 min
Response: 4319391
Conc: 37.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: -0.011 min
Response: 4517088
Conc: 41.51 ug/ml

Instrument :
FID_E
ClientSampleId :
TP03-MHMMS



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.015 min
Response: 4449809
Conc: 44.84 ug/ml