

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041972.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 03:20
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 18 04:55:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 04:52:16 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)	11.980	17475572	98.724 ug/ml
Spiked Amount 50.000		Recovery =	197.45%
12) S 1-chlorooctadecane (S...	13.413	12949815	98.318 ug/ml
Spiked Amount 50.000		Recovery =	196.64%
Target Compounds			
1) T n-Nonane (C9)	3.353	14224193	98.363 ug/ml
2) T n-Decane (C10)	4.607	14623914	98.297 ug/ml
3) T A~Naphthalene (C11.7)	6.315	16238965	98.860 ug/ml
4) T n-Dodecane (C12)	6.776	14849044	98.623 ug/ml
5) T A~2-methylnaphthalene...	7.414	15838078	98.853 ug/ml
6) T n-Tetradecane (C14)	8.605	14851052	98.664 ug/ml
7) T n-Hexadecane (C16)	10.214	15435379	98.610 ug/ml
8) T n-Octadecane (C18)	11.659	15614127	98.575 ug/ml
10) T n-Eicosane (C20)	12.968	14932213	98.474 ug/ml
11) T n-Heneicosane (C21)	13.581	14601137	98.488 ug/ml
13) T n-Docosane (C22)	14.167	14416275	98.465 ug/ml
14) T n-Tetracosane (C24)	15.270	14070673	98.213 ug/ml
15) T n-Hexacosane (C26)	16.292	13527688	98.358 ug/ml
16) T n-Octacosane (C28)	17.242	13004511	98.162 ug/ml
17) T n-Tricontane (C30)	18.130	13007128	97.741 ug/ml
18) T n-Dotriacontane (C32)	18.962	12769947	97.444 ug/ml
19) T n-Tetratriacontane (C34)	19.746	12655711	97.983 ug/ml
20) T n-Hexatriacontane (C36)	20.485	12546526	98.301 ug/ml
21) T n-Octatriacontane (C38)	21.240	12867103	97.682 ug/ml
22) T n-Tetracontane (C40)	22.182	13159932	97.413 ug/ml

(f)=RT Delta > 1/2 Window

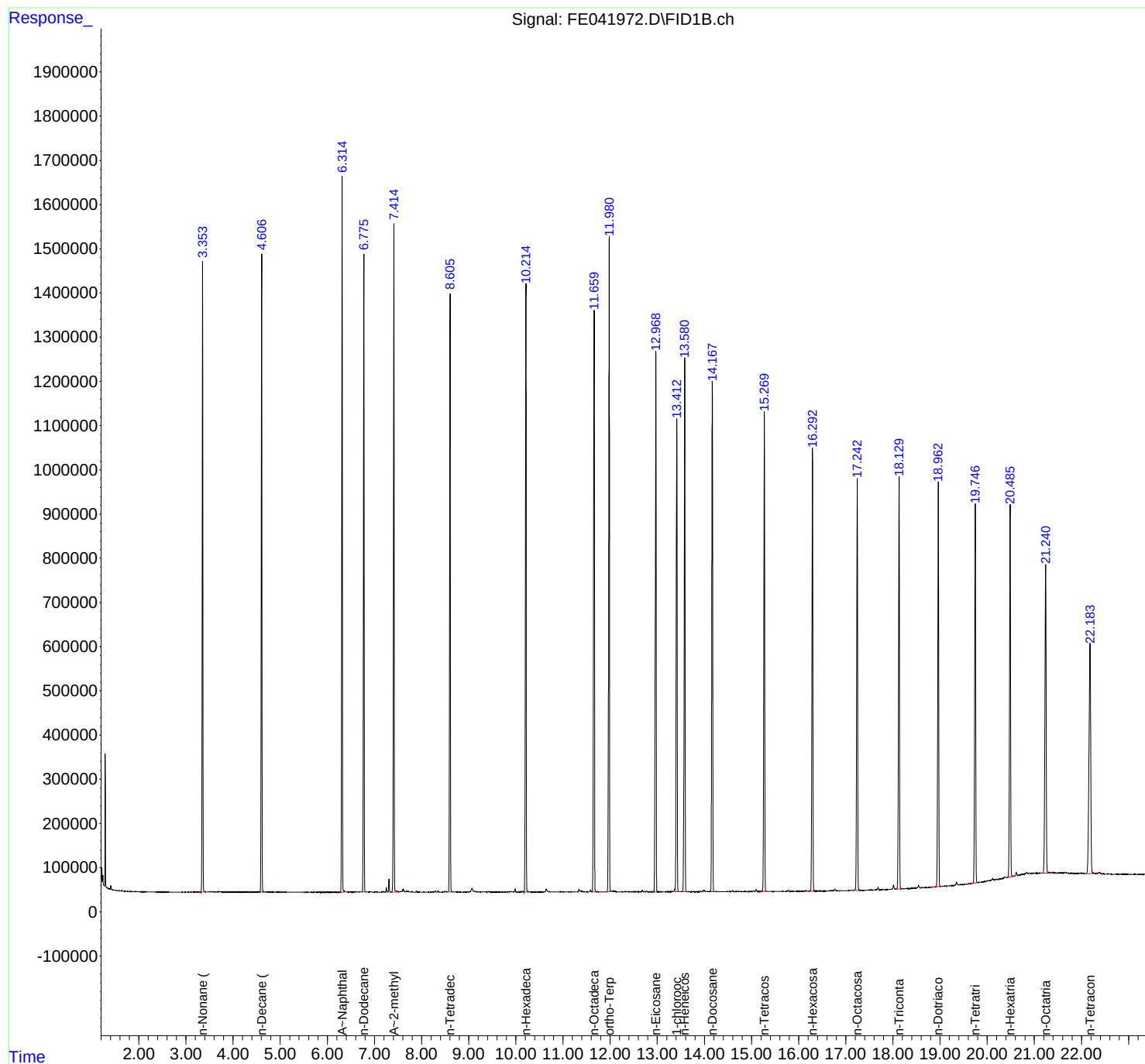
(m)=manual int.

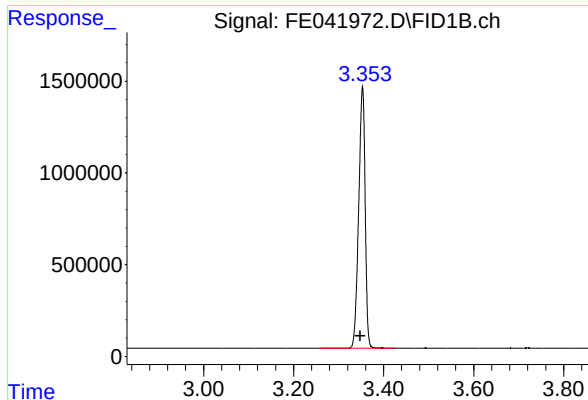
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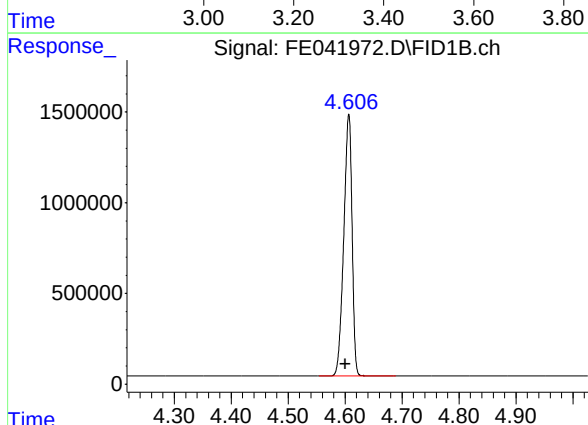




#1 n-Nonane (C9)

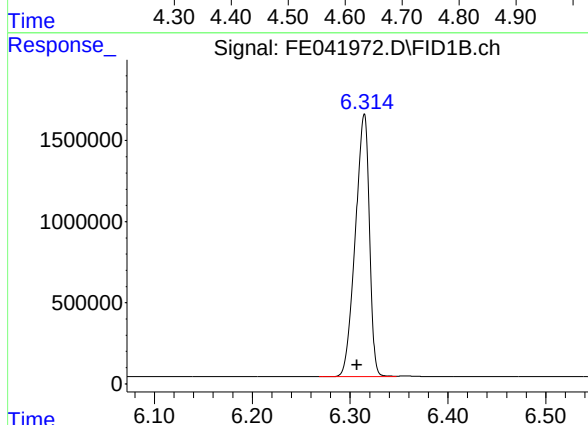
R.T.: 3.353 min
Delta R.T.: 0.005 min
Response: 14224193
Conc: 98.36 ug/ml

Instrument :
FID_E
ClientSampleId :



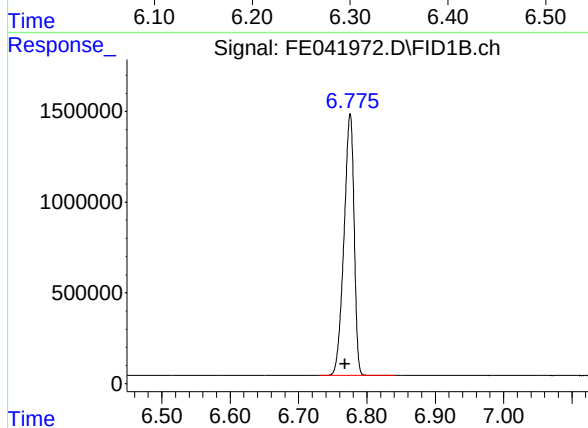
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.006 min
Response: 14623914
Conc: 98.30 ug/ml



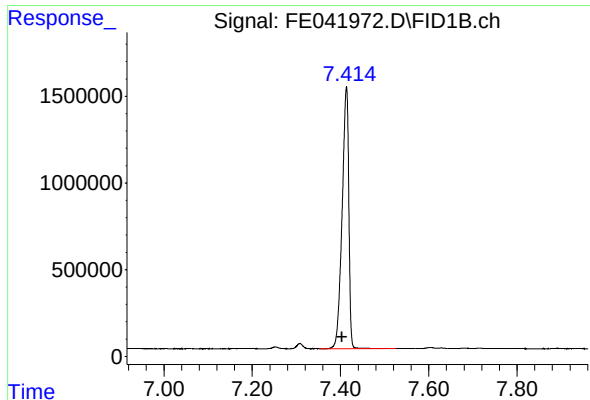
#3 A~Naphthalene (C11.7)

R.T.: 6.315 min
Delta R.T.: 0.008 min
Response: 16238965
Conc: 98.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: 0.007 min
Response: 14849044
Conc: 98.62 ug/ml



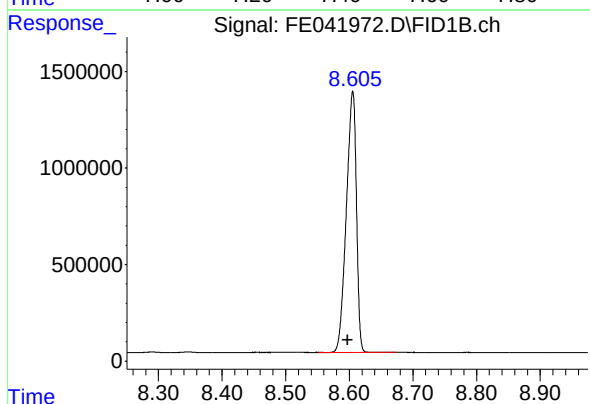
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 15838078
Conc: 98.85 ug/ml

Instrument :

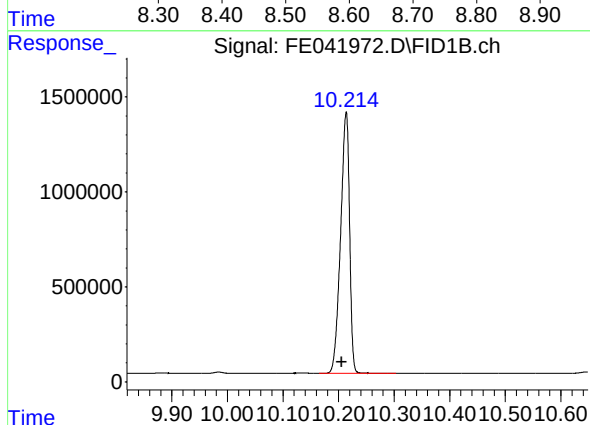
FID_E

ClientSampleId :



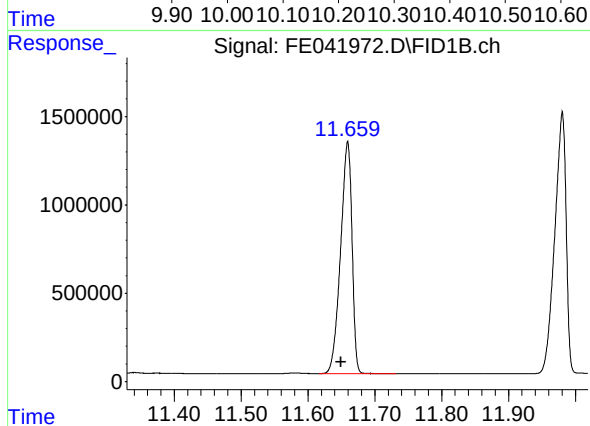
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.008 min
Response: 14851052
Conc: 98.66 ug/ml



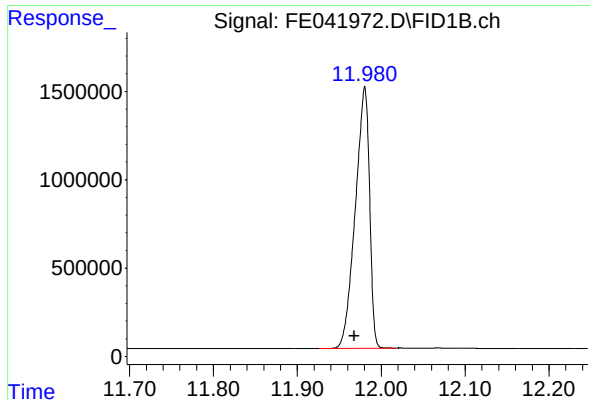
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.008 min
Response: 15435379
Conc: 98.61 ug/ml



#8 n-Octadecane (C18)

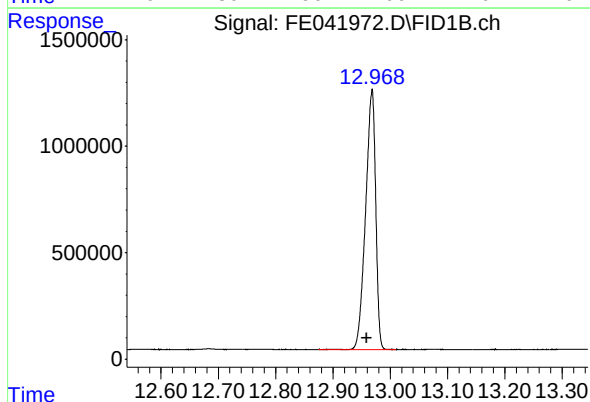
R.T.: 11.659 min
Delta R.T.: 0.010 min
Response: 15614127
Conc: 98.57 ug/ml



#9 ortho-Terphenyl (SURR)

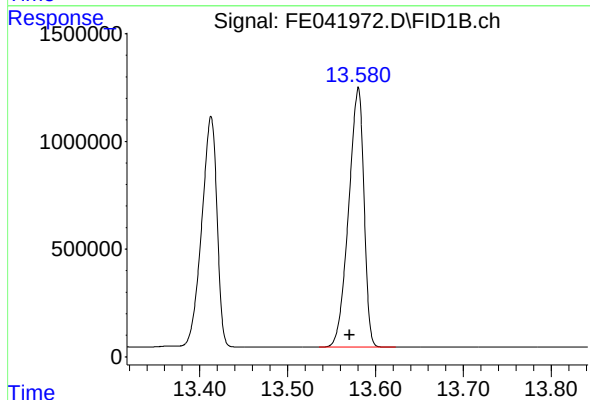
R.T.: 11.980 min
Delta R.T.: 0.012 min
Response: 17475572
Conc: 98.72 ug/ml

Instrument :
FID_E
ClientSampleId :



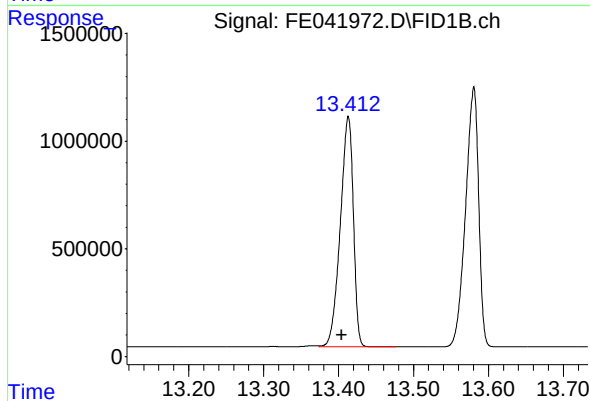
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.009 min
Response: 14932213
Conc: 98.47 ug/ml



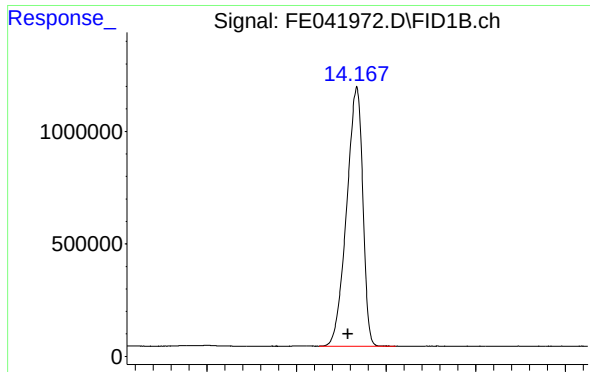
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.010 min
Response: 14601137
Conc: 98.49 ug/ml



#12 1-chlorooctadecane (SURR)

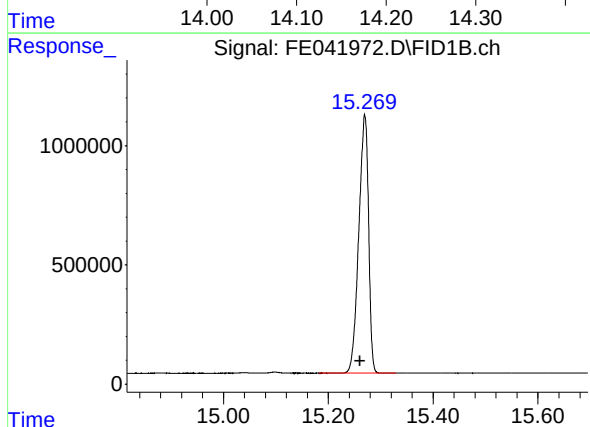
R.T.: 13.413 min
Delta R.T.: 0.009 min
Response: 12949815
Conc: 98.32 ug/ml



#13 n-Docosane (C22)

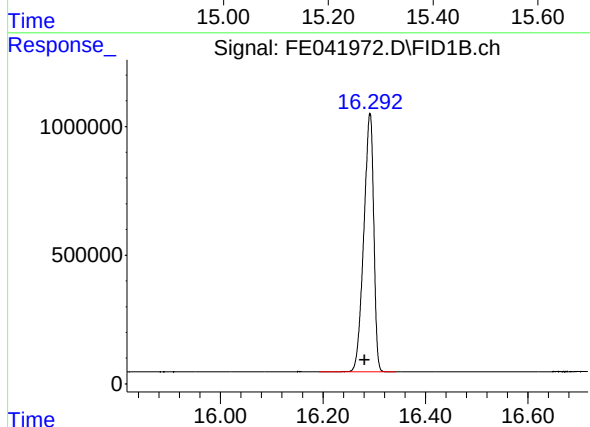
R.T.: 14.167 min
Delta R.T.: 0.010 min
Response: 14416275
Conc: 98.46 ug/ml

Instrument :
FID_E
ClientSampleId :



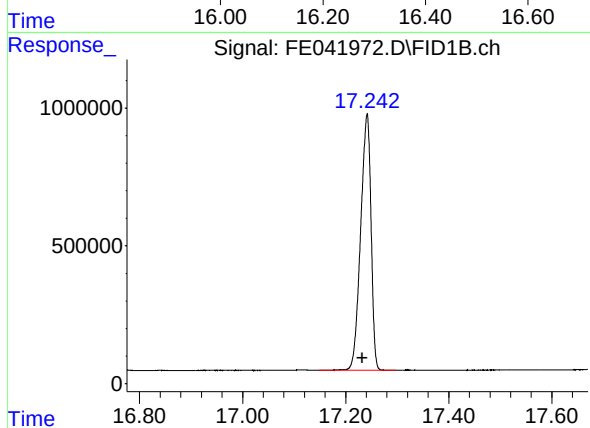
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.009 min
Response: 14070673
Conc: 98.21 ug/ml



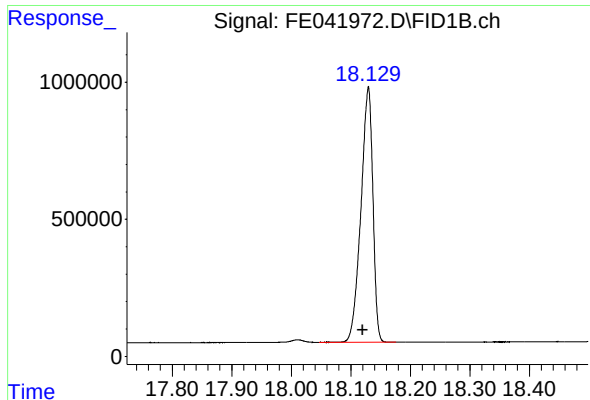
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.011 min
Response: 13527688
Conc: 98.36 ug/ml



#16 n-Octacosane (C28)

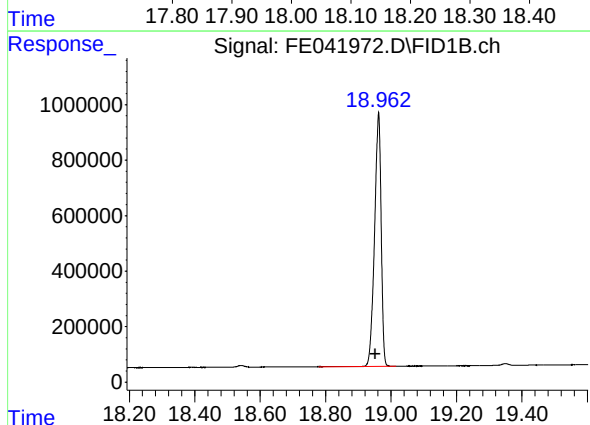
R.T.: 17.242 min
Delta R.T.: 0.009 min
Response: 13004511
Conc: 98.16 ug/ml



#17 n-Tricontane (C30)

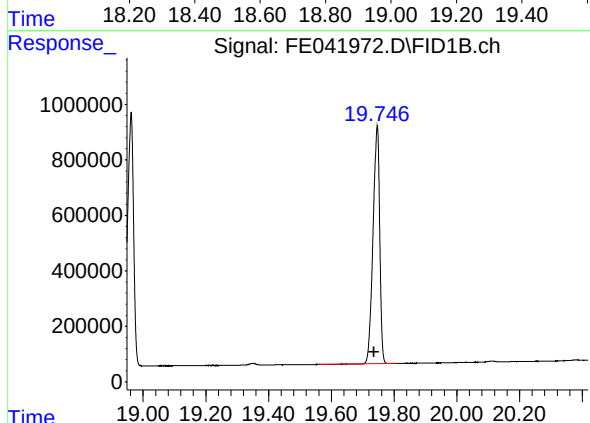
R.T.: 18.130 min
Delta R.T.: 0.010 min
Response: 13007128
Conc: 97.74 ug/ml

Instrument :
FID_E
ClientSampleId :



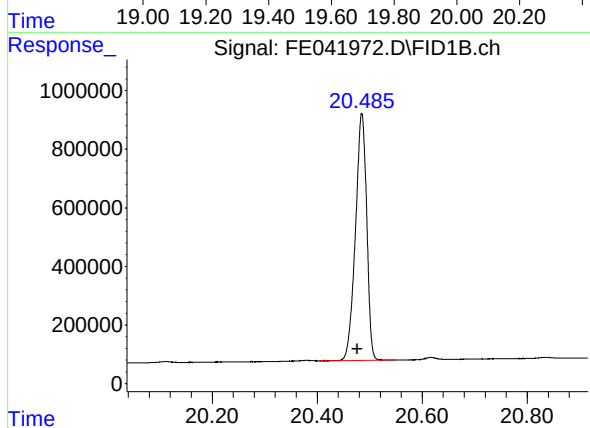
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: 0.010 min
Response: 12769947
Conc: 97.44 ug/ml



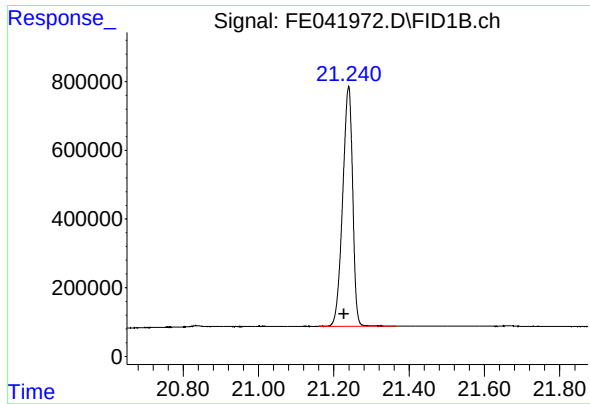
#19 n-Tetatriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.010 min
Response: 12655711
Conc: 97.98 ug/ml



#20 n-Hexatriacontane (C36)

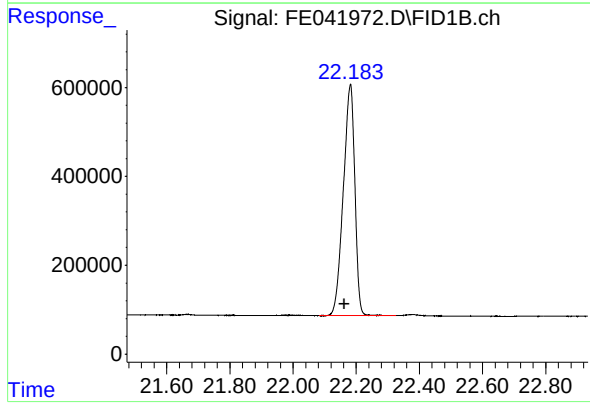
R.T.: 20.485 min
Delta R.T.: 0.008 min
Response: 12546526
Conc: 98.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.012 min
Response: 12867103
Conc: 97.68 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.019 min
Response: 13159932
Conc: 97.41 ug/ml