

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
 Data File : FE052517.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2025 15:34
 Operator : YP\AJ
 Sample : Q1427-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-227MS

Integration File: autoint1.e
 Quant Time: Feb 27 00:10:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.915	3808474	20.374 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	13.361	3085138	22.196 ug/ml
Spiked Amount 50.000		Recovery =	44.39%
Target Compounds			
1) T n-Nonane (C9)	3.257	4532686	29.529 ug/ml
2) T n-Decane (C10)	4.519	4748718	30.404 ug/ml
3) T A~Naphthalene (C11.7)	6.231	5764204	33.364 ug/ml
4) T n-Dodecane (C12)	6.699	5082416	32.199 ug/ml
5) T A~2-methylnaphthalene...	7.333	5242930	31.217 ug/ml
6) T n-Tetradecane (C14)	8.537	5390994	34.226 ug/ml
7) T n-Hexadecane (C16)	10.151	5496369	33.630 ug/ml
8) T n-Octadecane (C18)	11.600	5494783	33.209 ug/ml
10) T n-Eicosane (C20)	12.916	5532903	34.706 ug/ml
11) T n-Heneicosane (C21)	13.531	5298794	33.821 ug/ml
13) T n-Docosane (C22)	14.120	5247383	33.530 ug/ml
14) T n-Tetracosane (C24)	15.209	10653761	67.742 ug/ml
15) T n-Hexacosane (C26)	16.252	5097209	32.909 ug/ml
16) T n-Octacosane (C28)	17.204	5065766	33.118 ug/ml
17) T n-Tricontane (C30)	18.095	5137942	32.915 ug/ml
18) T n-Dotriacontane (C32)	18.929	5071300	33.142 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5074237	35.668 ug/ml
20) T n-Hexatriacontane (C36)	20.456	4879929	39.153 ug/ml
21) T n-Octatriacontane (C38)	21.199	4869203	44.548 ug/ml
22) T n-Tetracontane (C40)	22.123	5024529	49.951 ug/ml

(f)=RT Delta > 1/2 Window

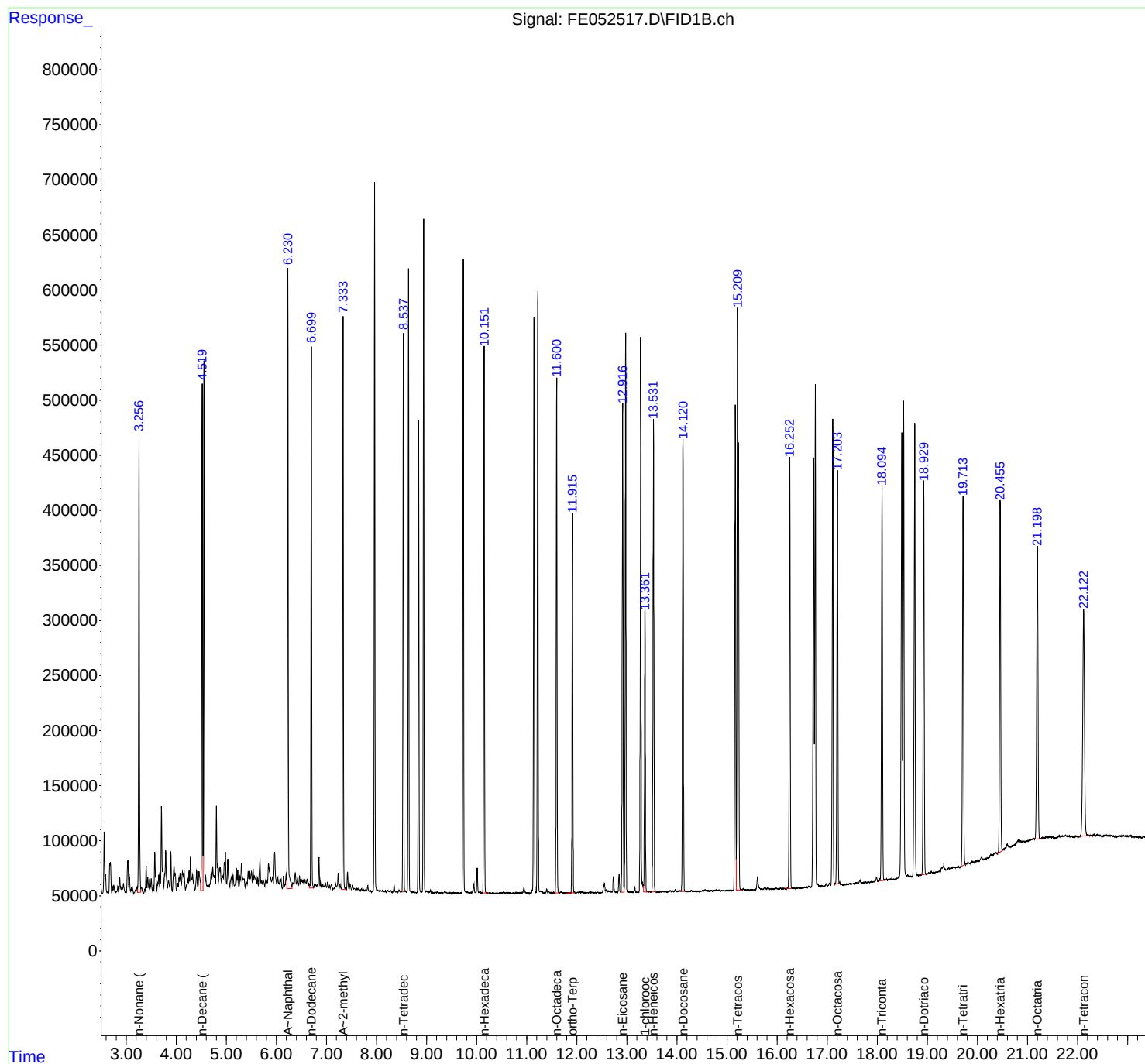
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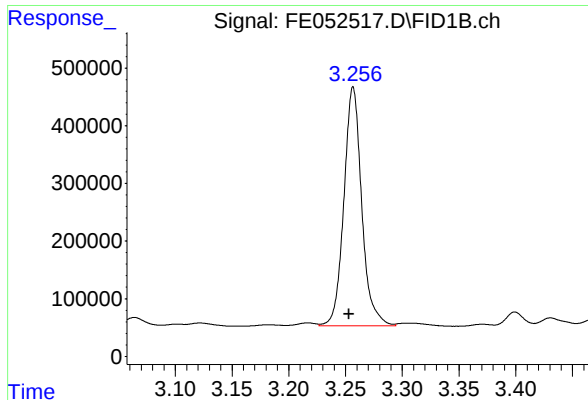
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
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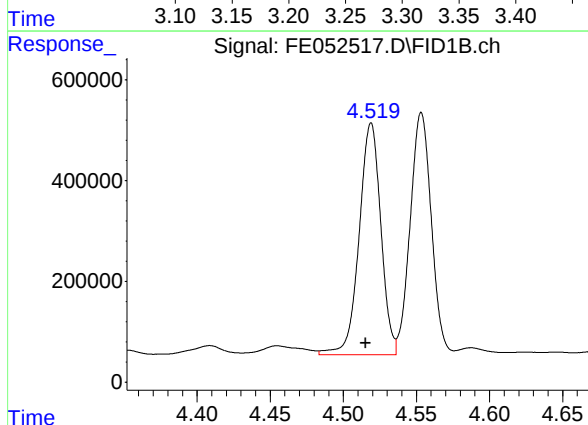




#1 n-Nonane (C9)

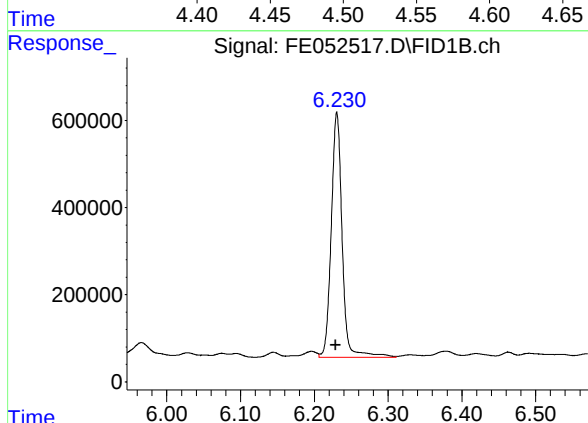
R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 4532686
Conc: 29.53 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-227MS



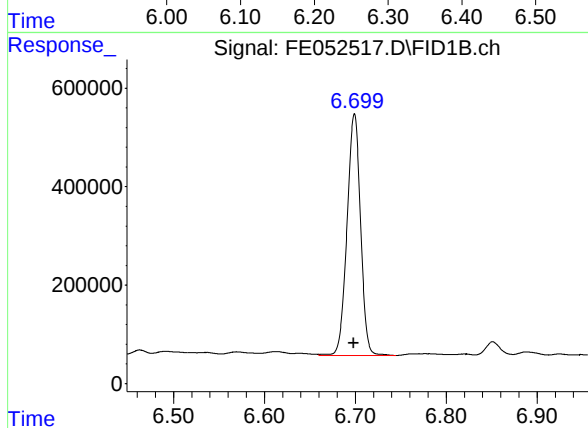
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 4748718
Conc: 30.40 ug/ml



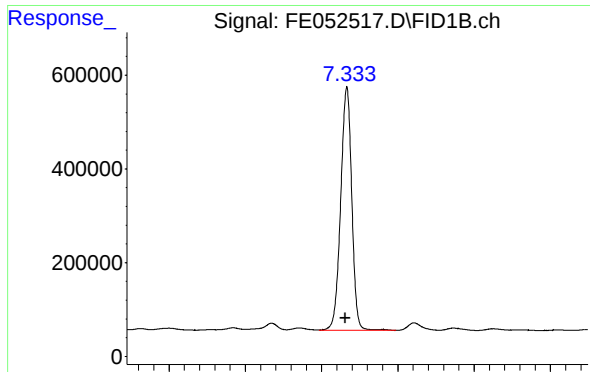
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.001 min
Response: 5764204
Conc: 33.36 ug/ml



#4 n-Dodecane (C12)

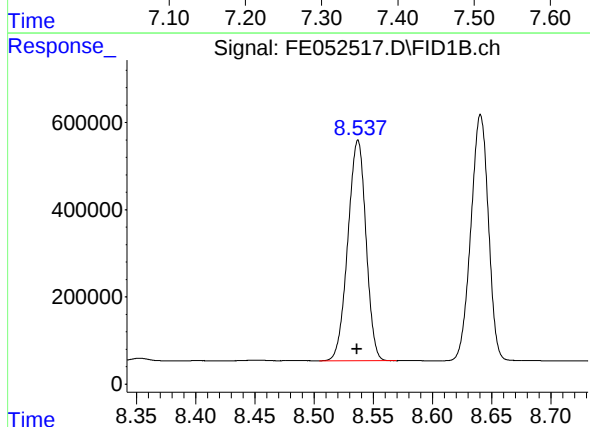
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 5082416
Conc: 32.20 ug/ml



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

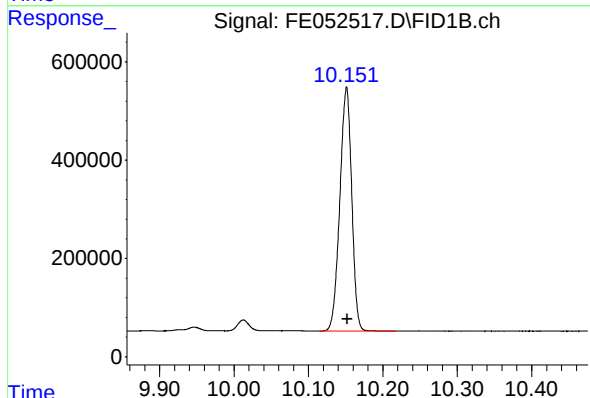
R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 5242930
Conc: 31.22 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-227MS



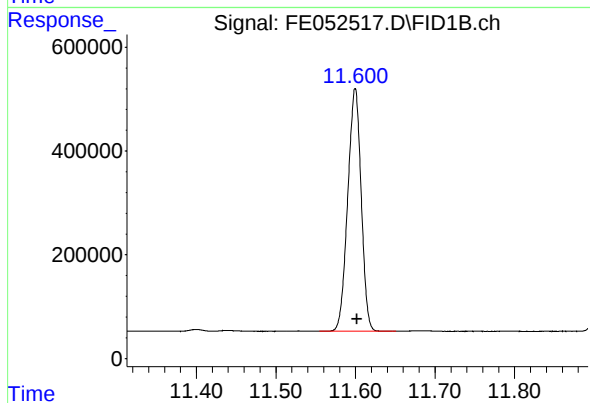
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 5390994
Conc: 34.23 ug/ml



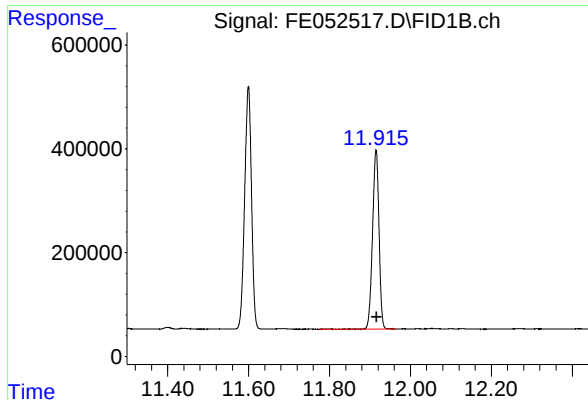
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 5496369
Conc: 33.63 ug/ml



#8 n-Octadecane (C18)

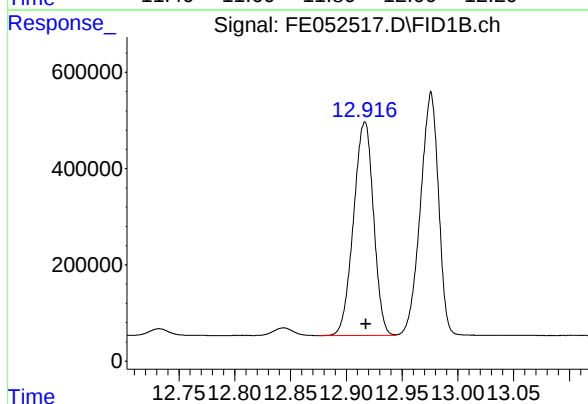
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 5494783
Conc: 33.21 ug/ml



#9 ortho-Terphenyl (SURR)

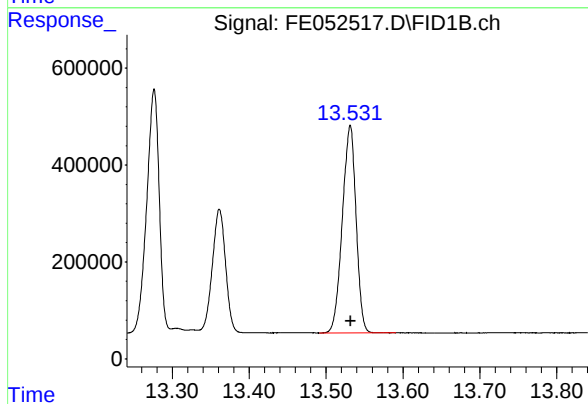
R.T.: 11.915 min
Delta R.T.: -0.001 min
Response: 3808474
Conc: 20.37 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-227MS



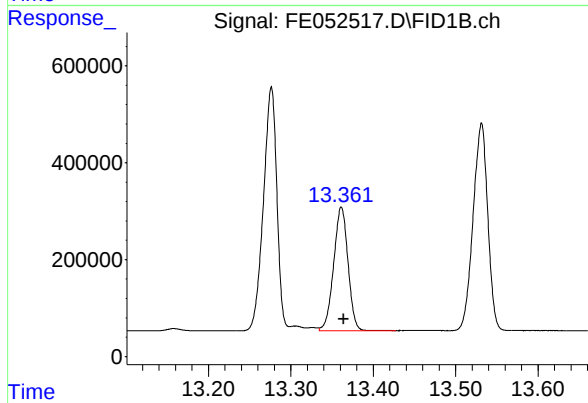
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.001 min
Response: 5532903
Conc: 34.71 ug/ml



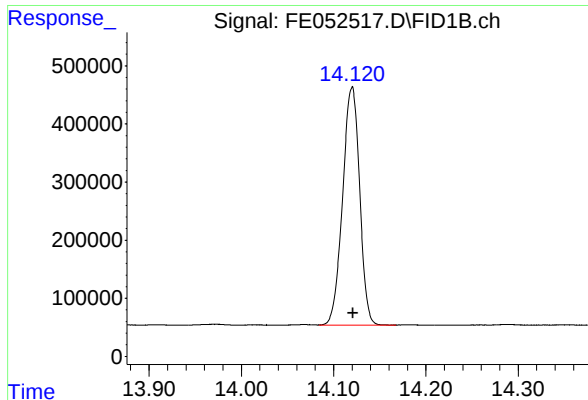
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 5298794
Conc: 33.82 ug/ml



#12 1-chlorooctadecane (SURR)

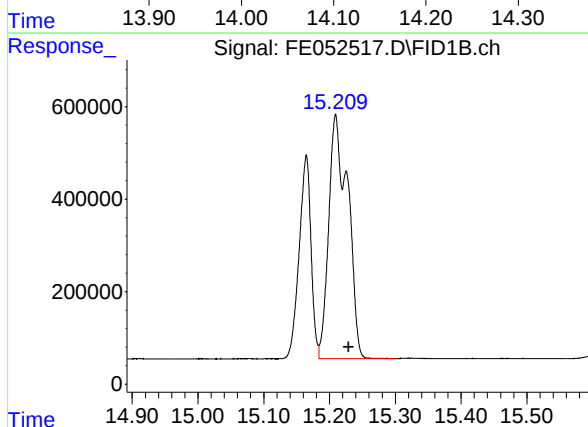
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 3085138
Conc: 22.20 ug/ml



#13 n-Docosane (C22)

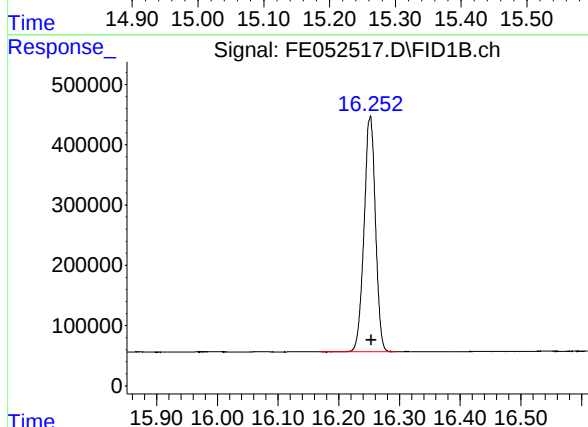
R.T.: 14.120 min
Delta R.T.: -0.001 min
Response: 5247383
Conc: 33.53 ug/ml

Instrument :
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ClientSampleId :
VNJ-227MS



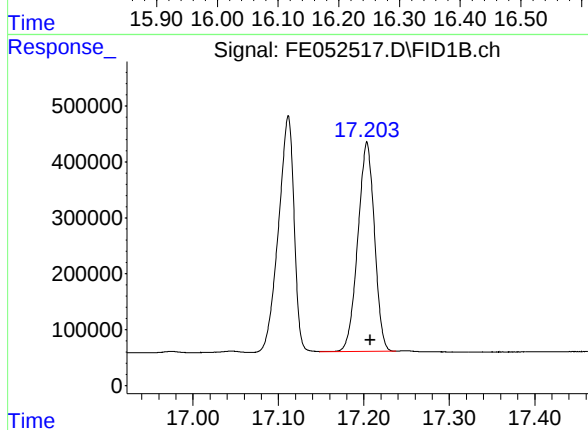
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.020 min
Response: 10653761
Conc: 67.74 ug/ml



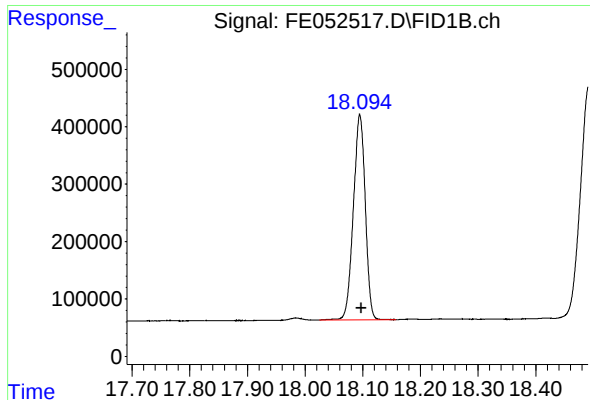
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.002 min
Response: 5097209
Conc: 32.91 ug/ml



#16 n-Octacosane (C28)

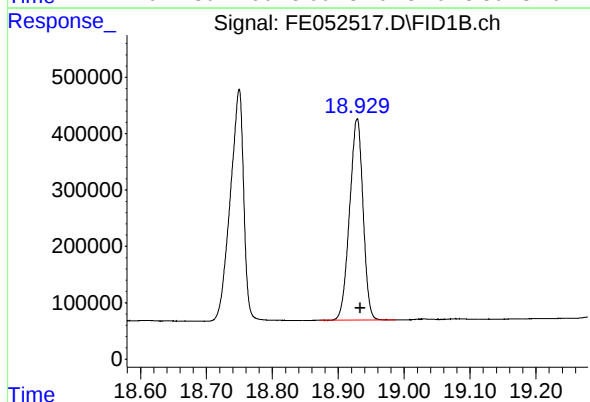
R.T.: 17.204 min
Delta R.T.: -0.004 min
Response: 5065766
Conc: 33.12 ug/ml



#17 n-Tricontane (C30)

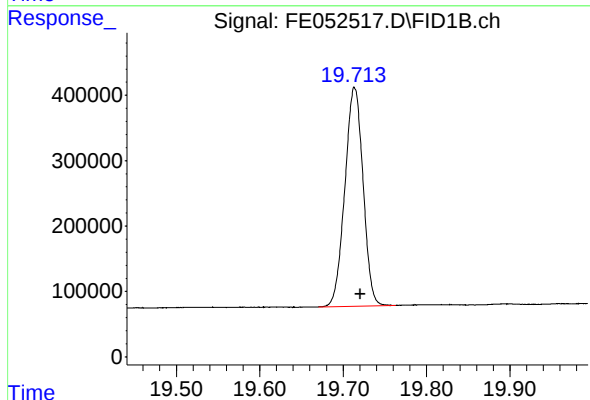
R.T.: 18.095 min
Delta R.T.: -0.002 min
Response: 5137942
Conc: 32.91 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-227MS



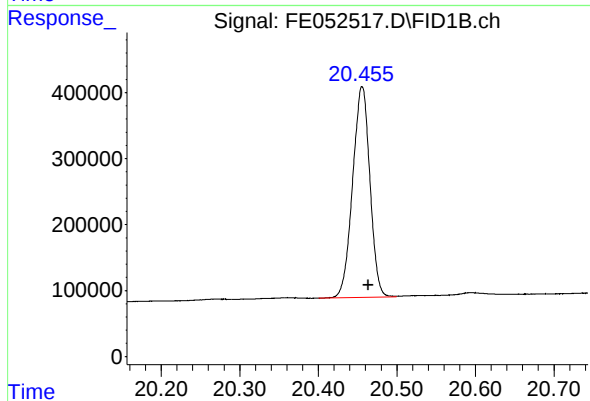
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 5071300
Conc: 33.14 ug/ml



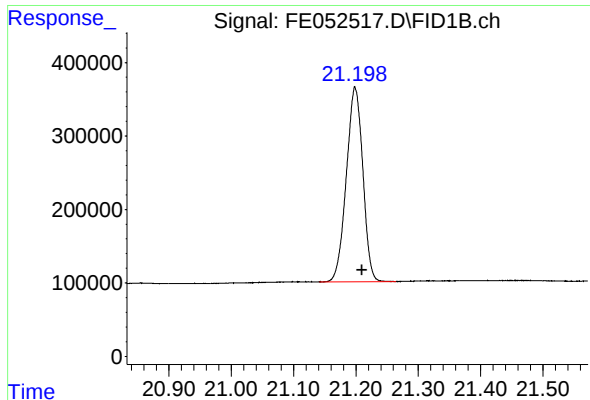
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.007 min
Response: 5074237
Conc: 35.67 ug/ml



#20 n-Hexatriacontane (C36)

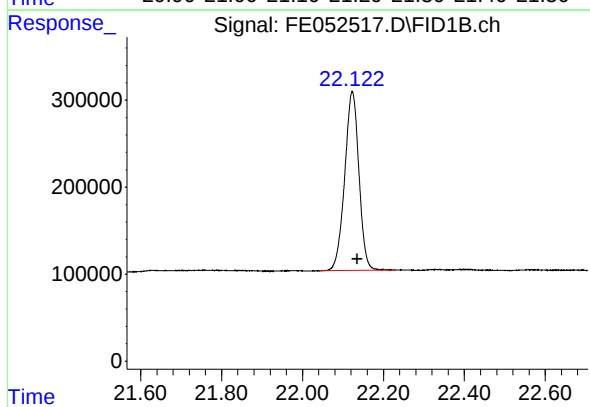
R.T.: 20.456 min
Delta R.T.: -0.008 min
Response: 4879929
Conc: 39.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.011 min
Response: 4869203
Conc: 44.55 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-227MS



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.012 min
Response: 5024529
Conc: 49.95 ug/ml