

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092425AL\
 Data File : FG016628.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2025 14:29
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 24 15:32:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:28:33 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)	12.061	6928695	50.166 ug/ml
Spiked Amount 50.000		Recovery =	100.33%
12) S 1-chlorooctadecane (S...	13.505	5469032	50.094 ug/ml
Spiked Amount 50.000		Recovery =	100.19%
Target Compounds			
1) T n-Nonane (C9)	3.381	5528279	50.284 ug/ml
2) T n-Decane (C10)	4.642	5652826	50.304 ug/ml
3) T A~Naphthalene (C11.7)	6.360	6200558	50.500 ug/ml
4) T n-Dodecane (C12)	6.824	5771062	50.390 ug/ml
5) T A~2-methylnaphthalene...	7.463	6042738	50.783 ug/ml
6) T n-Tetradecane (C14)	8.664	5809256	50.250 ug/ml
7) T n-Hexadecane (C16)	10.283	6089163	50.101 ug/ml
8) T n-Octadecane (C18)	11.737	6296624	49.962 ug/ml
10) T n-Eicosane (C20)	13.056	6215117	49.984 ug/ml
11) T n-Heneicosane (C21)	13.673	6178436	50.008 ug/ml
13) T n-Docosane (C22)	14.263	6212951	50.016 ug/ml
14) T n-Tetracosane (C24)	15.375	6284923	49.999 ug/ml
15) T n-Hexacosane (C26)	16.403	6229377	50.110 ug/ml
16) T n-Octacosane (C28)	17.358	6105504	50.061 ug/ml
17) T n-Tricontane (C30)	18.252	6079765	49.625 ug/ml
18) T n-Dotriacontane (C32)	19.089	5728342	49.273 ug/ml
19) T n-Tetratriacontane (C34)	19.877	5120162	49.490 ug/ml
20) T n-Hexatriacontane (C36)	20.620	4360749	49.955 ug/ml
21) T n-Octatriacontane (C38)	21.401	3909499	50.418 ug/ml
22) T n-Tetracontane (C40)	22.391	3661493	50.516 ug/ml

(f)=RT Delta > 1/2 Window

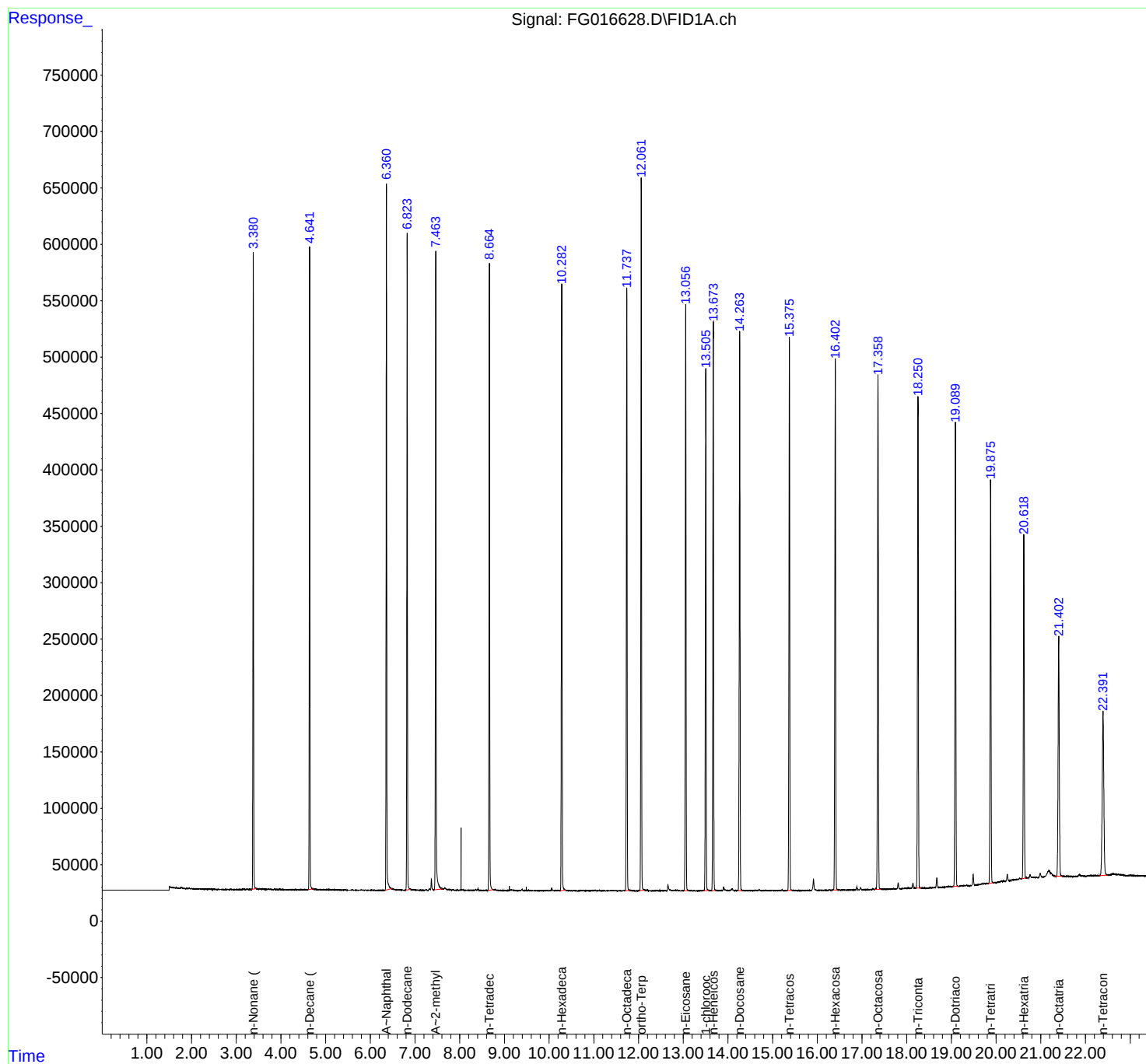
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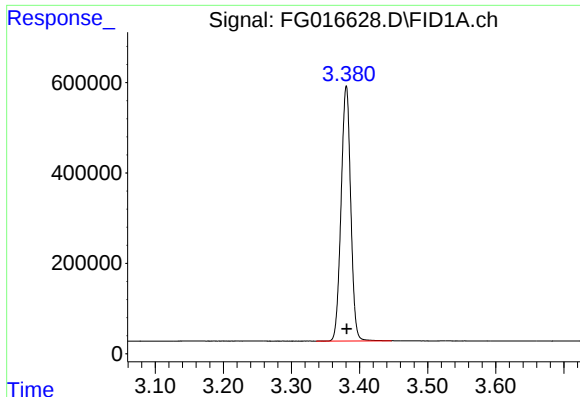
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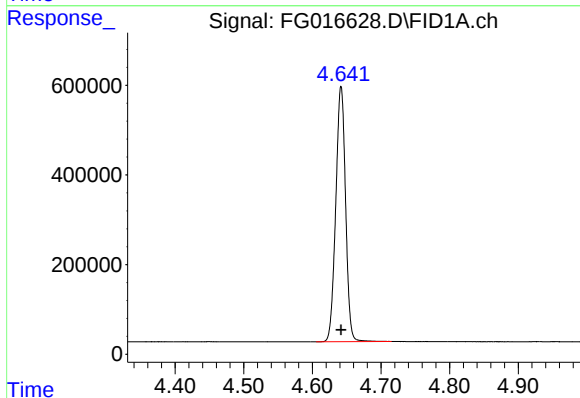




#1 n-Nonane (C9)

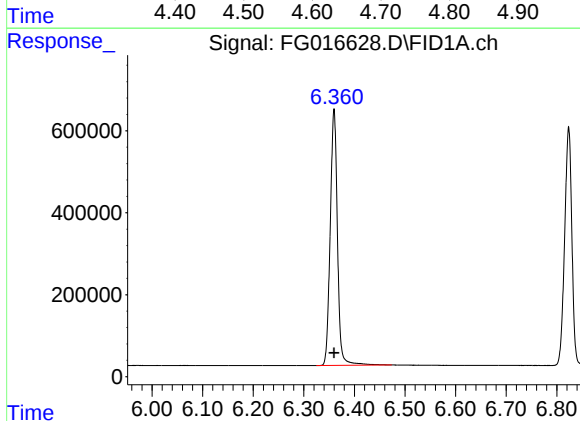
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 5528279
Conc: 50.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



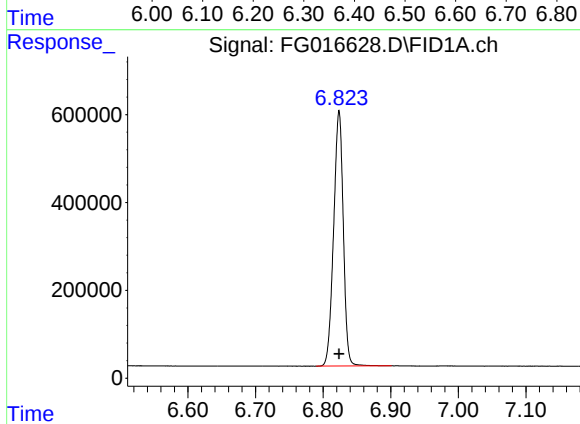
#2 n-Decane (C10)

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 5652826
Conc: 50.30 ug/ml



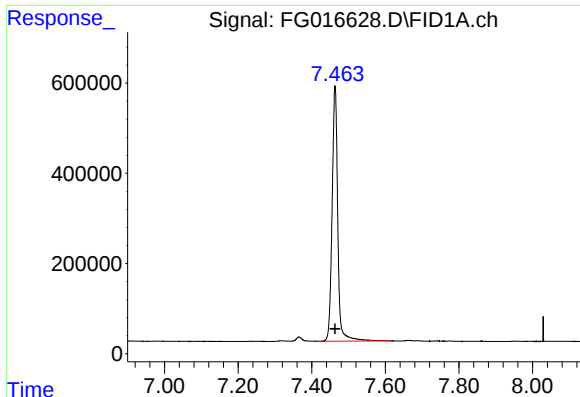
#3 A~Naphthalene (C11.7)

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 6200558
Conc: 50.50 ug/ml



#4 n-Dodecane (C12)

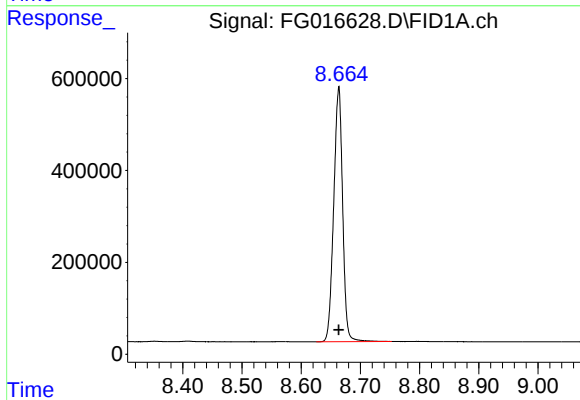
R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 5771062
Conc: 50.39 ug/ml



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

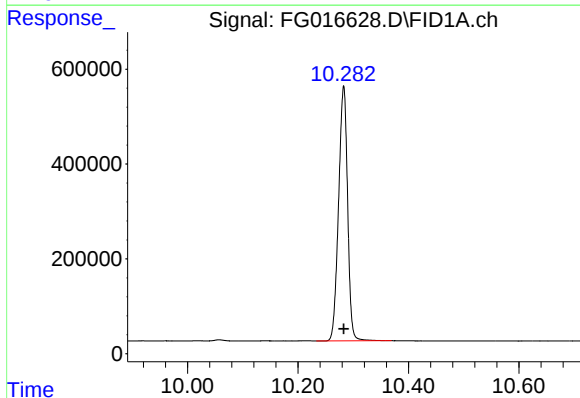
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 6042738
Conc: 50.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



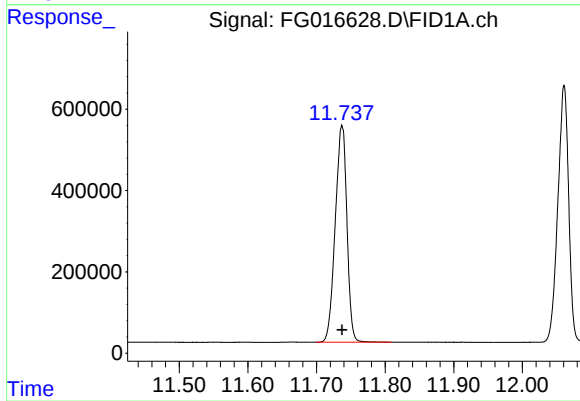
#6 n-Tetradecane (C14)

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 5809256
Conc: 50.25 ug/ml



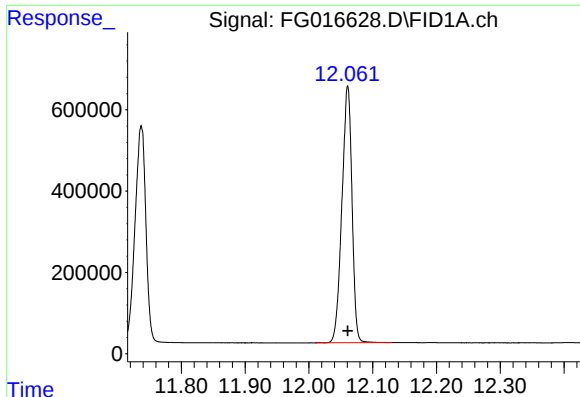
#7 n-Hexadecane (C16)

R.T.: 10.283 min
Delta R.T.: 0.000 min
Response: 6089163
Conc: 50.10 ug/ml



#8 n-Octadecane (C18)

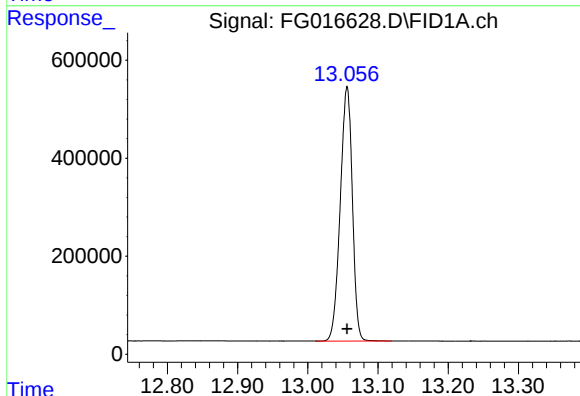
R.T.: 11.737 min
Delta R.T.: 0.000 min
Response: 6296624
Conc: 49.96 ug/ml



#9 ortho-Terphenyl (SURR)

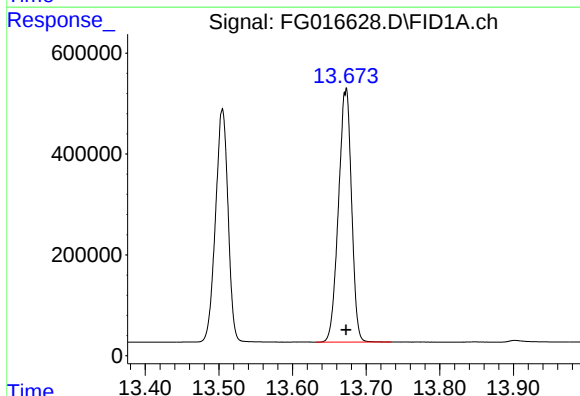
R.T.: 12.061 min
Delta R.T.: 0.000 min
Response: 6928695
Conc: 50.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



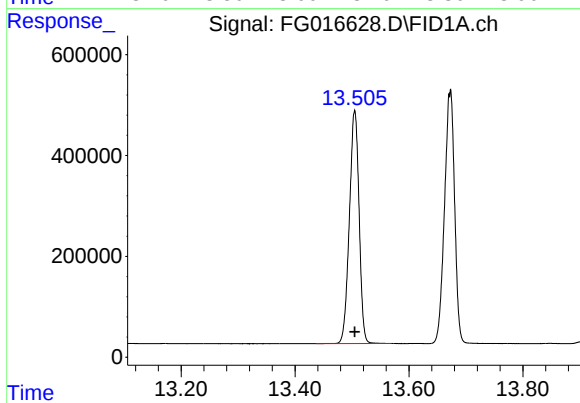
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: 0.000 min
Response: 6215117
Conc: 49.98 ug/ml



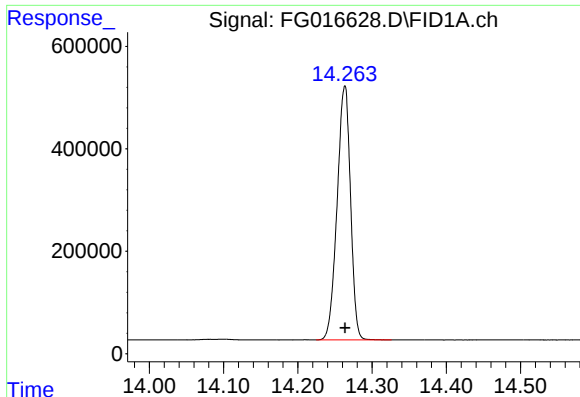
#11 n-Heneicosane (C21)

R.T.: 13.673 min
Delta R.T.: 0.000 min
Response: 6178436
Conc: 50.01 ug/ml



#12 1-chlorooctadecane (SURR)

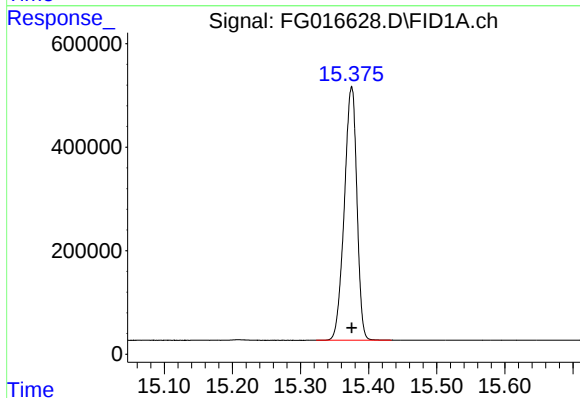
R.T.: 13.505 min
Delta R.T.: 0.000 min
Response: 5469032
Conc: 50.09 ug/ml



#13 n-Docosane (C22)

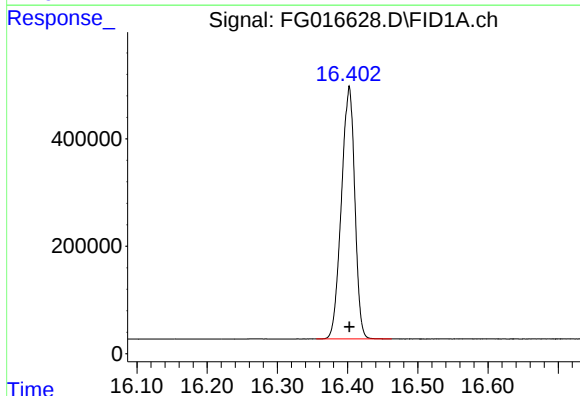
R.T.: 14.263 min
Delta R.T.: 0.000 min
Response: 6212951
Conc: 50.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



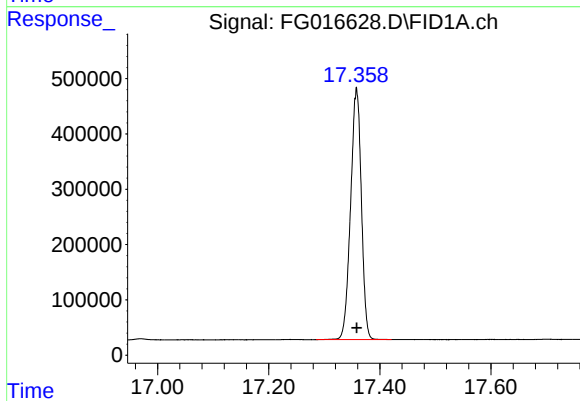
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: 0.000 min
Response: 6284923
Conc: 50.00 ug/ml



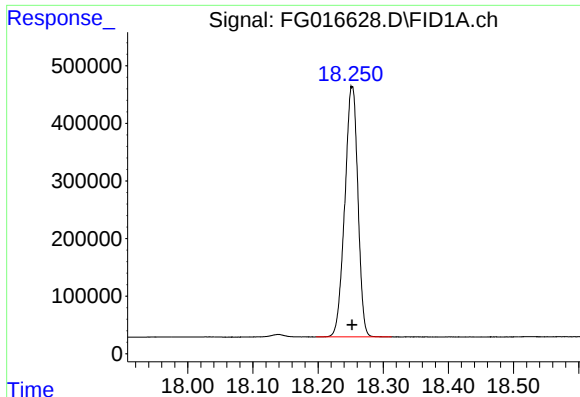
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: 0.000 min
Response: 6229377
Conc: 50.11 ug/ml



#16 n-Octacosane (C28)

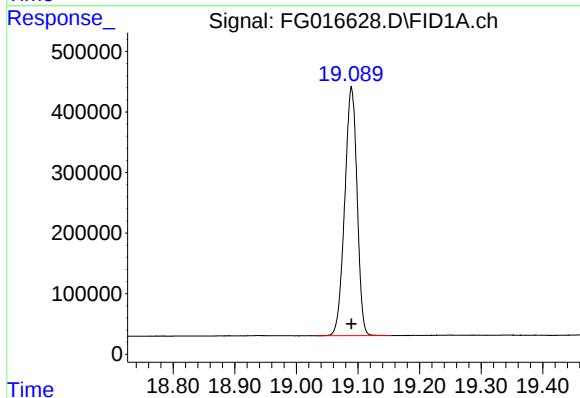
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 6105504
Conc: 50.06 ug/ml



#17 n-Tricontane (C30)

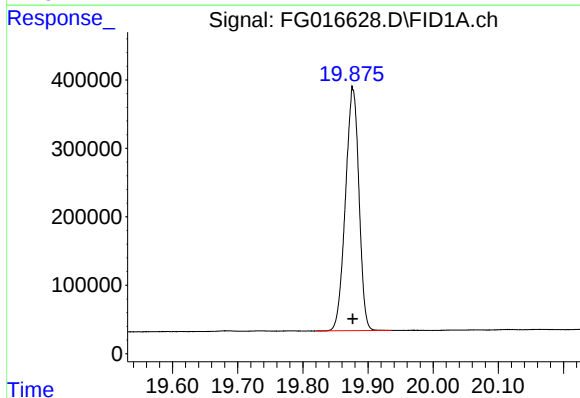
R.T.: 18.252 min
Delta R.T.: 0.000 min
Response: 6079765
Conc: 49.62 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



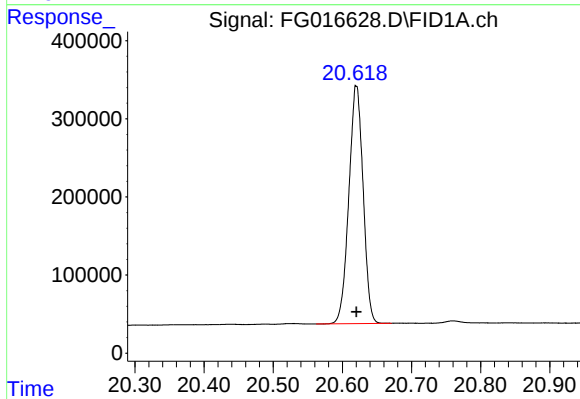
#18 n-Dotriacontane (C32)

R.T.: 19.089 min
Delta R.T.: 0.000 min
Response: 5728342
Conc: 49.27 ug/ml



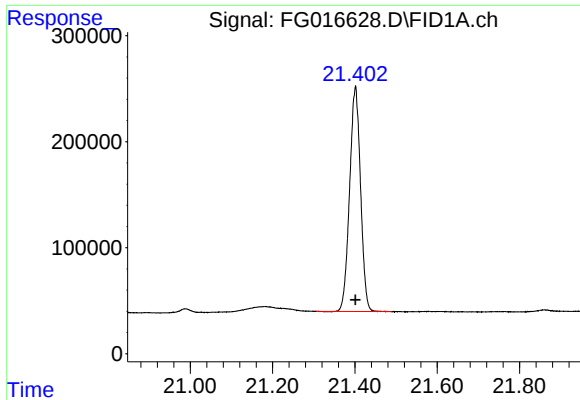
#19 n-Tetratriacontane (C34)

R.T.: 19.877 min
Delta R.T.: 0.000 min
Response: 5120162
Conc: 49.49 ug/ml



#20 n-Hexatriacontane (C36)

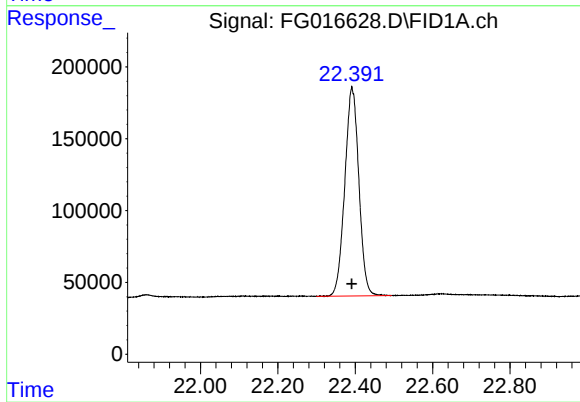
R.T.: 20.620 min
Delta R.T.: 0.000 min
Response: 4360749
Conc: 49.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.000 min
Response: 3909499
Conc: 50.42 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.000 min
Response: 3661493
Conc: 50.52 ug/ml