

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AL\
 Data File : FG017181.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2025 20:00
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 17 04:39:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 04:37:43 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)	12.037	7151107	48.314 ug/ml
Spiked Amount 50.000		Recovery =	96.63%
12) S 1-chlorooctadecane (S...	13.482	5529011	48.706 ug/ml
Spiked Amount 50.000		Recovery =	97.41%
Target Compounds			
1) T n-Nonane (C9)	3.358	5431214	48.595 ug/ml
2) T n-Decane (C10)	4.619	5466171	48.374 ug/ml
3) T A~Naphthalene (C11.7)	6.339	5919803	49.534 ug/ml
4) T n-Dodecane (C12)	6.800	5527737	48.322 ug/ml
5) T A~2-methylnaphthalene...	7.442	5880429	50.140 ug/ml
6) T n-Tetradecane (C14)	8.639	5496397	48.601 ug/ml
7) T n-Hexadecane (C16)	10.258	5627867	48.806 ug/ml
8) T n-Octadecane (C18)	11.713	5783974	48.683 ug/ml
10) T n-Eicosane (C20)	13.032	5871798	48.526 ug/ml
11) T n-Heneicosane (C21)	13.648	5895183	48.412 ug/ml
13) T n-Docosane (C22)	14.238	5921201	48.369 ug/ml
14) T n-Tetracosane (C24)	15.351	5975617	48.313 ug/ml
15) T n-Hexacosane (C26)	16.379	5986207	48.014 ug/ml
16) T n-Octacosane (C28)	17.336	5945096	47.253 ug/ml
17) T n-Tricontane (C30)	18.228	5921575	46.408 ug/ml
18) T n-Dotriacontane (C32)	19.067	5720744	46.609 ug/ml
19) T n-Tetratriacontane (C34)	19.854	5251657	46.454 ug/ml
20) T n-Hexatriacontane (C36)	20.599	5058708	48.112 ug/ml
21) T n-Octatriacontane (C38)	21.374	4874353	49.628 ug/ml
22) T n-Tetracontane (C40)	22.357	4592562	48.872 ug/ml

(f)=RT Delta > 1/2 Window

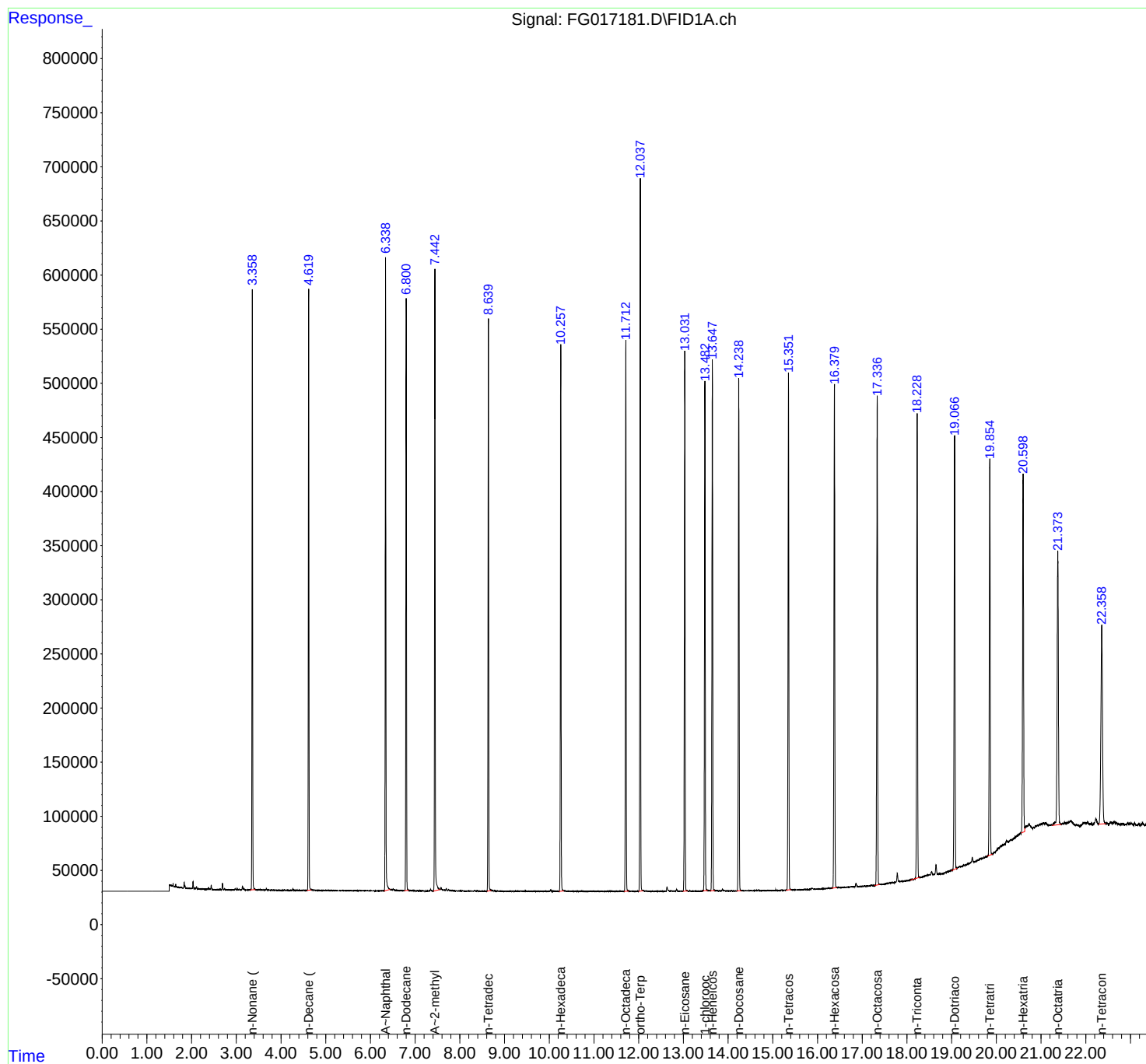
(m)=manual int.

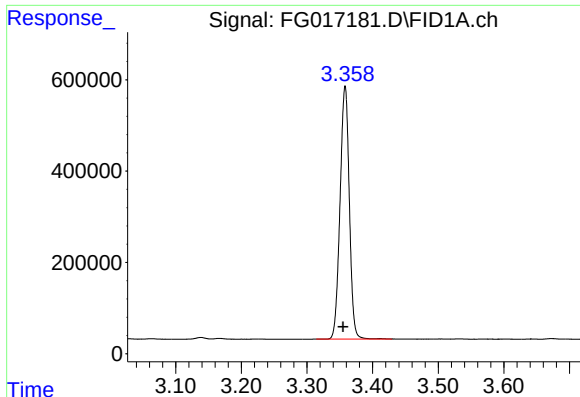
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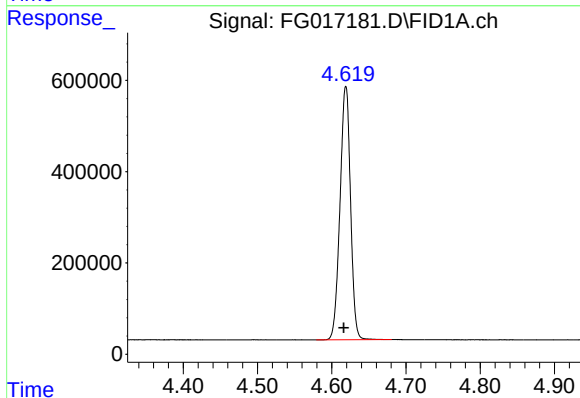




#1 n-Nonane (C9)

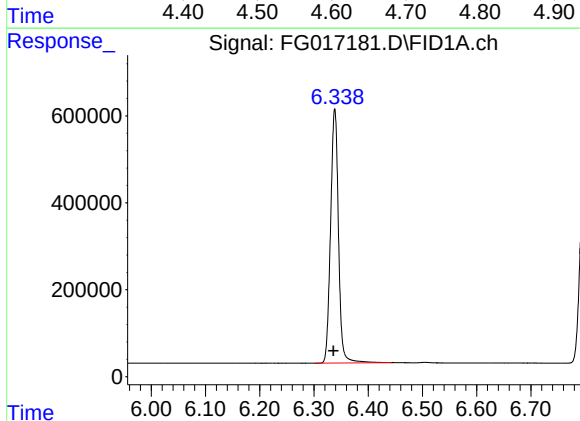
R.T.: 3.358 min
Delta R.T.: 0.003 min
Response: 5431214
Conc: 48.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



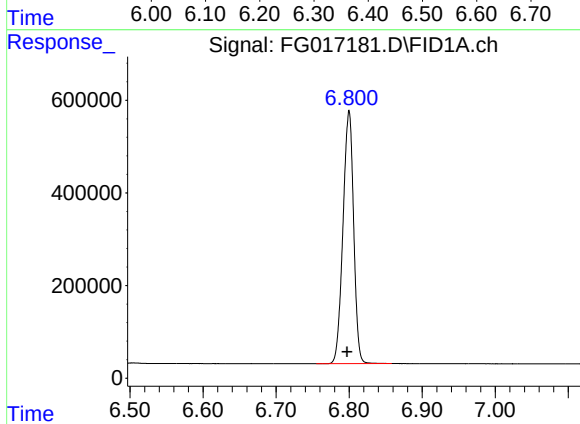
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.003 min
Response: 5466171
Conc: 48.37 ug/ml



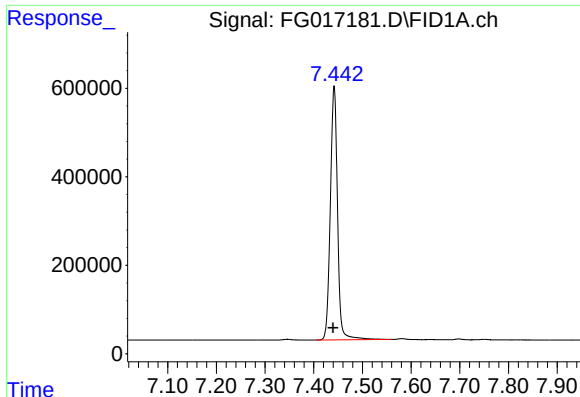
#3 A~Naphthalene (C11.7)

R.T.: 6.339 min
Delta R.T.: 0.002 min
Response: 5919803
Conc: 49.53 ug/ml



#4 n-Dodecane (C12)

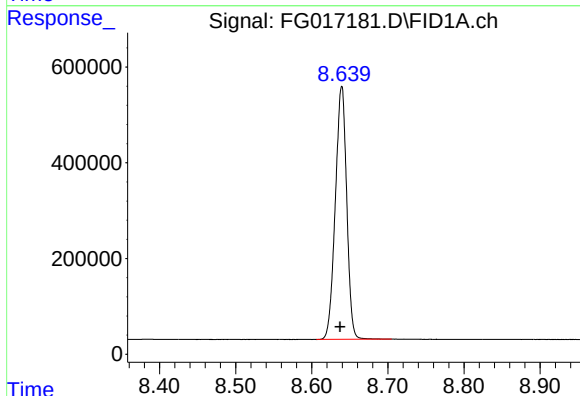
R.T.: 6.800 min
Delta R.T.: 0.003 min
Response: 5527737
Conc: 48.32 ug/ml



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

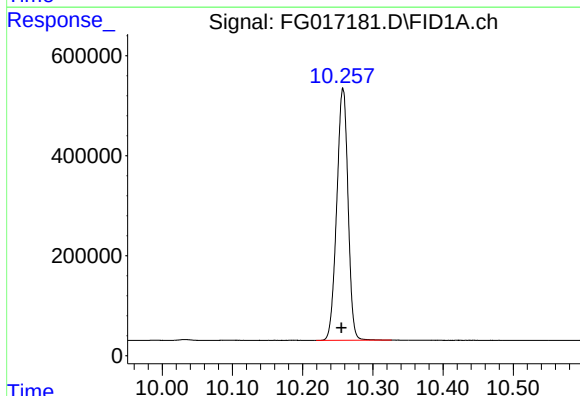
R.T.: 7.442 min
Delta R.T.: 0.003 min
Response: 5880429
Conc: 50.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



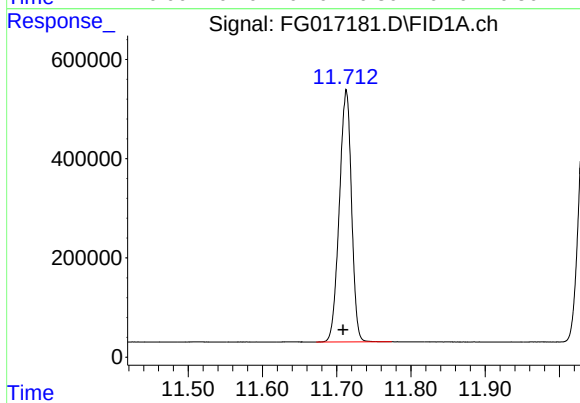
#6 n-Tetradecane (C14)

R.T.: 8.639 min
Delta R.T.: 0.002 min
Response: 5496397
Conc: 48.60 ug/ml



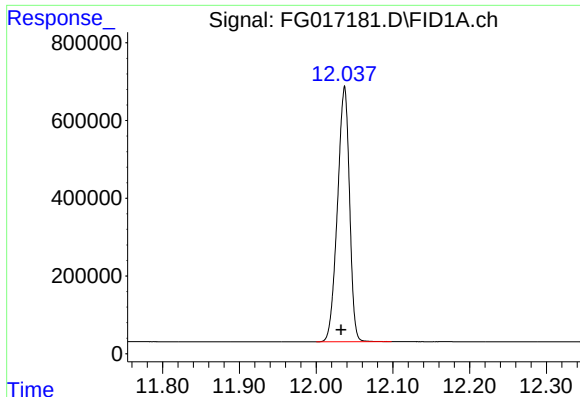
#7 n-Hexadecane (C16)

R.T.: 10.258 min
Delta R.T.: 0.002 min
Response: 5627867
Conc: 48.81 ug/ml



#8 n-Octadecane (C18)

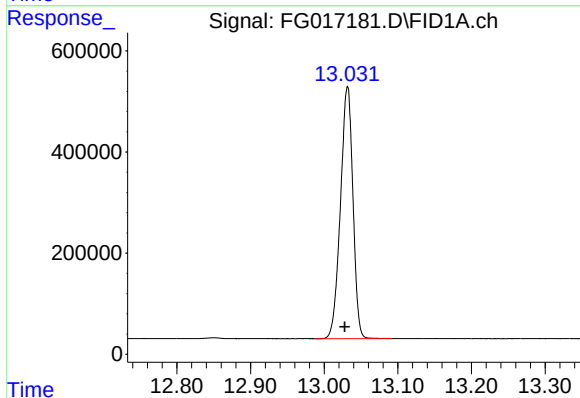
R.T.: 11.713 min
Delta R.T.: 0.004 min
Response: 5783974
Conc: 48.68 ug/ml



#9 ortho-Terphenyl (SURR)

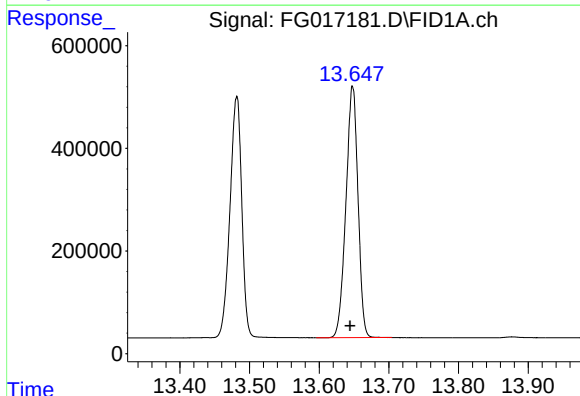
R.T.: 12.037 min
Delta R.T.: 0.005 min
Response: 7151107
Conc: 48.31 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



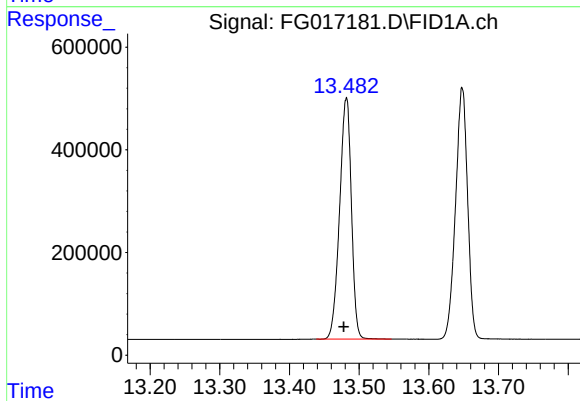
#10 n-Eicosane (C20)

R.T.: 13.032 min
Delta R.T.: 0.004 min
Response: 5871798
Conc: 48.53 ug/ml



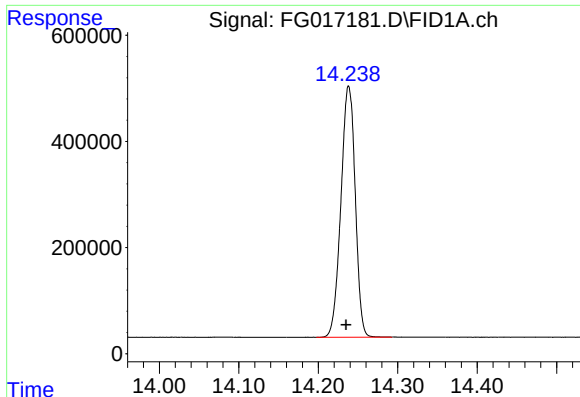
#11 n-Heneicosane (C21)

R.T.: 13.648 min
Delta R.T.: 0.003 min
Response: 5895183
Conc: 48.41 ug/ml



#12 1-chlorooctadecane (SURR)

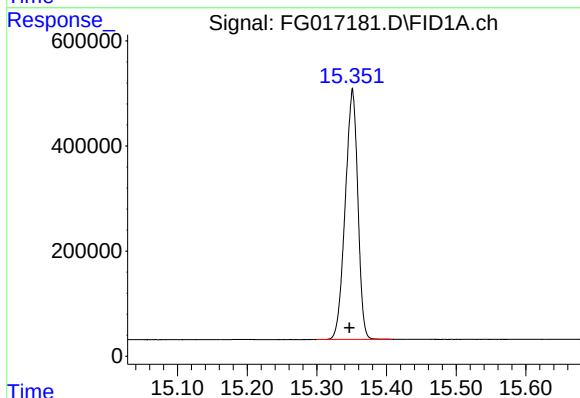
R.T.: 13.482 min
Delta R.T.: 0.004 min
Response: 5529011
Conc: 48.71 ug/ml



#13 n-Docosane (C22)

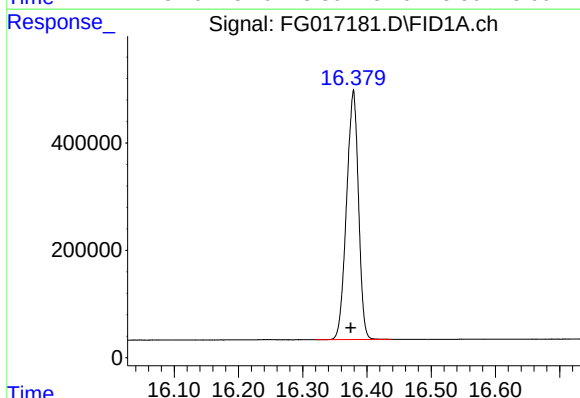
R.T.: 14.238 min
Delta R.T.: 0.003 min
Response: 5921201
Conc: 48.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



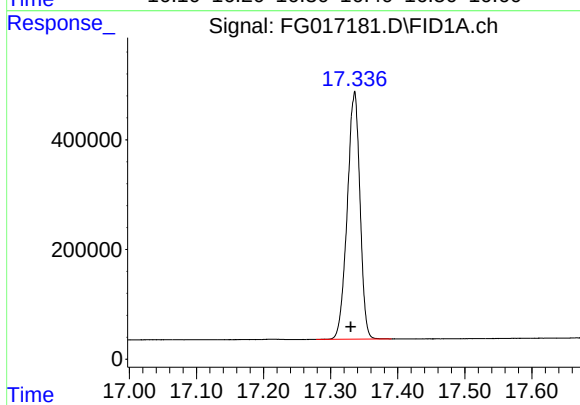
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: 0.004 min
Response: 5975617
Conc: 48.31 ug/ml



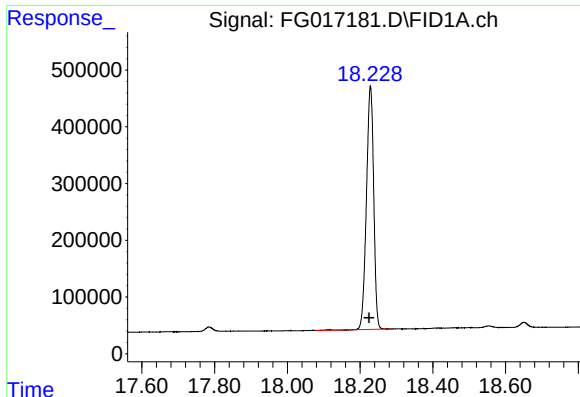
#15 n-Hexacosane (C26)

R.T.: 16.379 min
Delta R.T.: 0.004 min
Response: 5986207
Conc: 48.01 ug/ml



#16 n-Octacosane (C28)

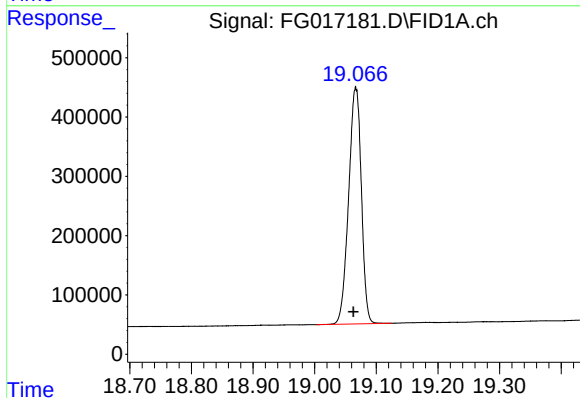
R.T.: 17.336 min
Delta R.T.: 0.006 min
Response: 5945096
Conc: 47.25 ug/ml



#17 n-Tricontane (C30)

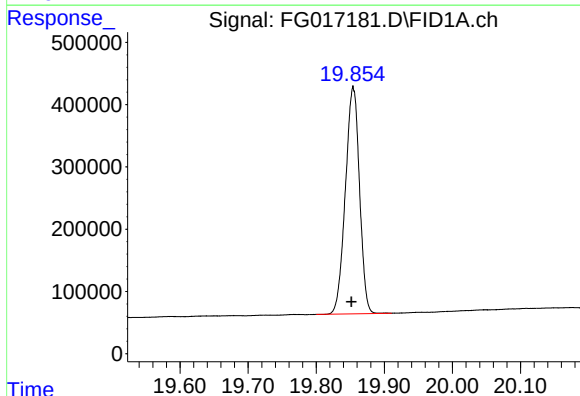
R.T.: 18.228 min
Delta R.T.: 0.004 min
Response: 5921575
Conc: 46.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



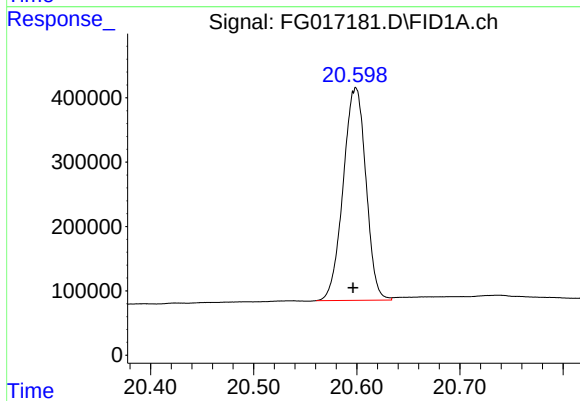
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: 0.004 min
Response: 5720744
Conc: 46.61 ug/ml



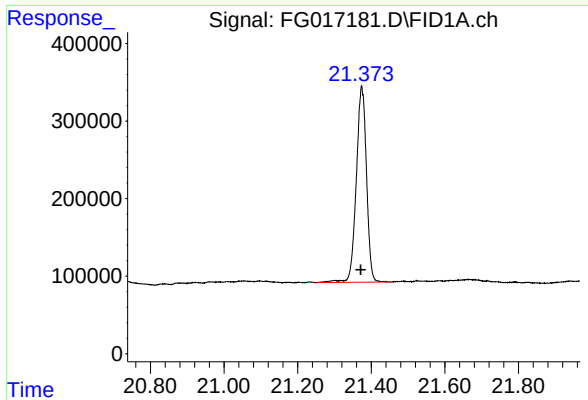
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: 0.003 min
Response: 5251657
Conc: 46.45 ug/ml



#20 n-Hexatriacontane (C36)

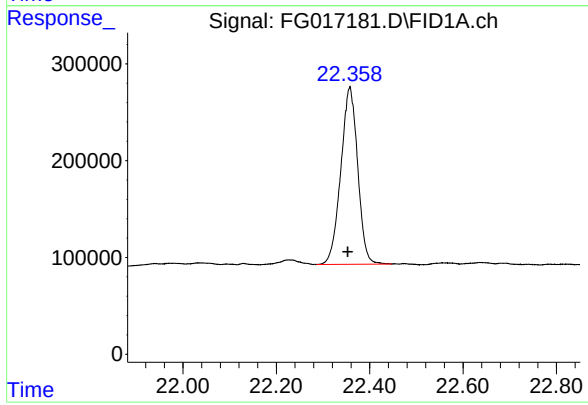
R.T.: 20.599 min
Delta R.T.: 0.003 min
Response: 5058708
Conc: 48.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: 0.002 min
Response: 4874353
Conc: 49.63 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: 0.005 min
Response: 4592562
Conc: 48.87 ug/ml