

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017106.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 21:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 06 03:19:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 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)	12.027	2684587	17.403 ug/ml
Spiked Amount 50.000		Recovery =	34.81%
12) S 1-chlorooctadecane (S...	13.473	2024214	17.452 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
1) T n-Nonane (C9)	3.355	2150124	17.521 ug/ml
2) T n-Decane (C10)	4.615	2259212	18.131 ug/ml
3) T A~Naphthalene (C11.7)	6.333	2341926	18.657 ug/ml
4) T n-Dodecane (C12)	6.795	2301663	18.134 ug/ml
5) T A~2-methylnaphthalene...	7.436	2210415	19.352 ug/ml
6) T n-Tetradecane (C14)	8.635	2291762	18.347 ug/ml
7) T n-Hexadecane (C16)	10.252	2377385	18.499 ug/ml
8) T n-Octadecane (C18)	11.705	2445881	18.013 ug/ml
10) T n-Eicosane (C20)	13.024	2402782	17.559 ug/ml
11) T n-Heneicosane (C21)	13.640	2361816	17.412 ug/ml
13) T n-Docosane (C22)	14.231	2362091	17.203 ug/ml
14) T n-Tetracosane (C24)	15.342	2381179	16.831 ug/ml
15) T n-Hexacosane (C26)	16.370	2314066	16.665 ug/ml
16) T n-Octacosane (C28)	17.326	2306996	16.472 ug/ml
17) T n-Tricontane (C30)	18.219	2458403	16.557 ug/ml
18) T n-Dotriacontane (C32)	19.056	2486921	16.605 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2220466	16.915 ug/ml
20) T n-Hexatriacontane (C36)	20.588	1844575	17.520 ug/ml
21) T n-Octatriacontane (C38)	21.363	1635412	17.858 ug/ml
22) T n-Tetracontane (C40)	22.341	1536296	18.843 ug/ml

(f)=RT Delta > 1/2 Window

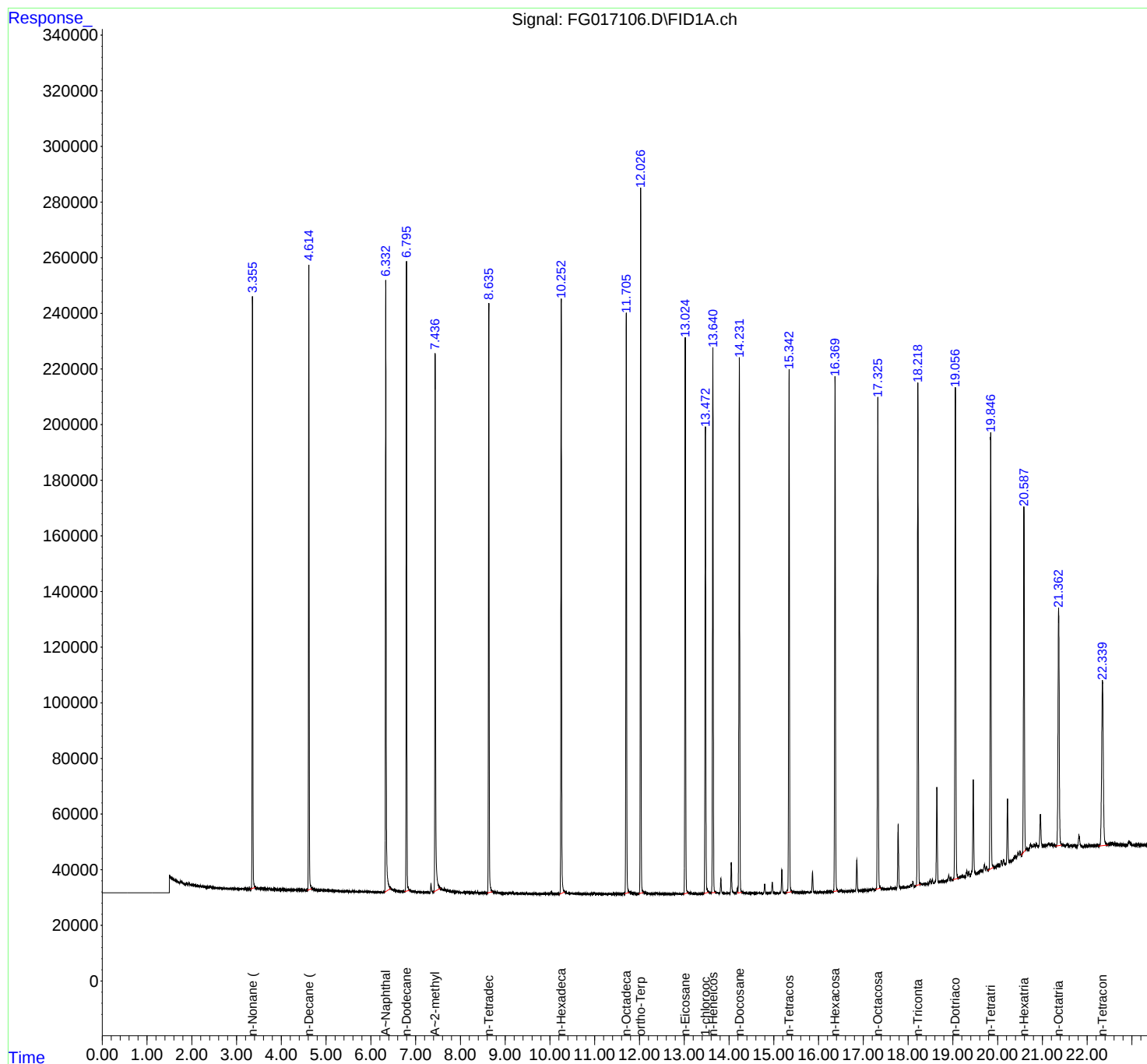
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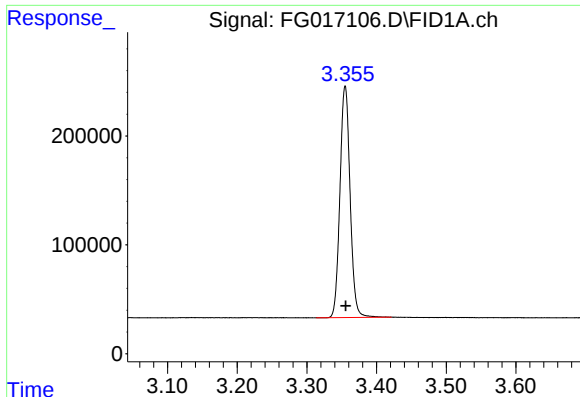
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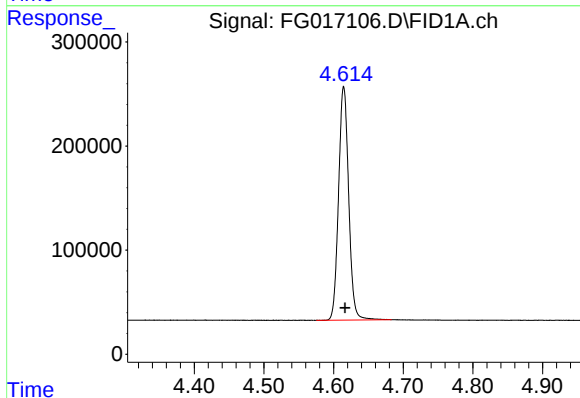




#1 n-Nonane (C9)

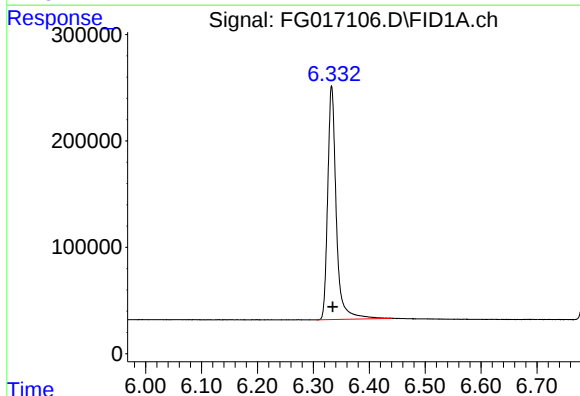
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 2150124
Conc: 17.52 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



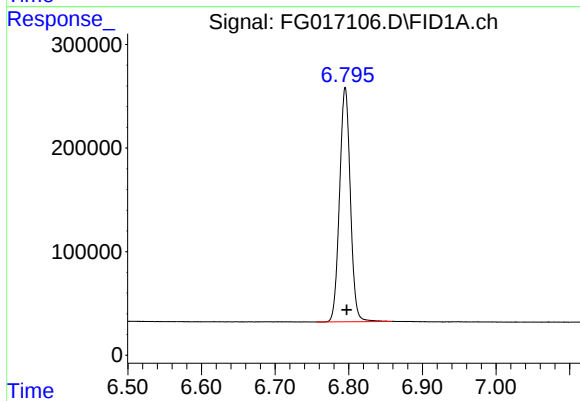
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 2259212
Conc: 18.13 ug/ml



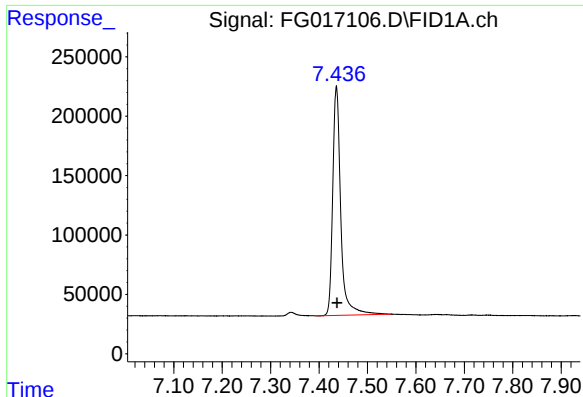
#3 A~Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 2341926
Conc: 18.66 ug/ml



#4 n-Dodecane (C12)

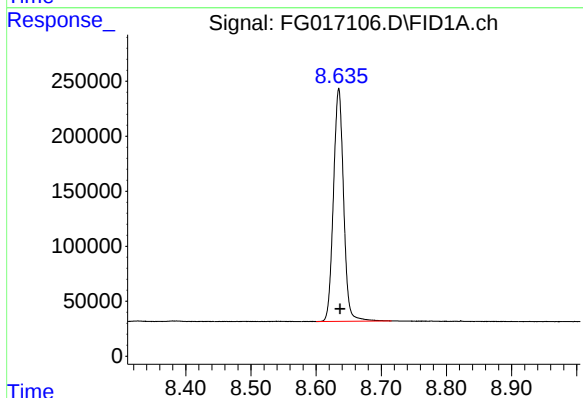
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 2301663
Conc: 18.13 ug/ml



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

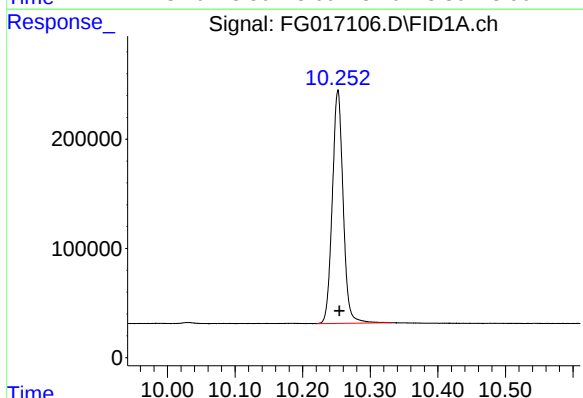
R.T.: 7.436 min
Delta R.T.: -0.001 min
Response: 2210415
Conc: 19.35 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



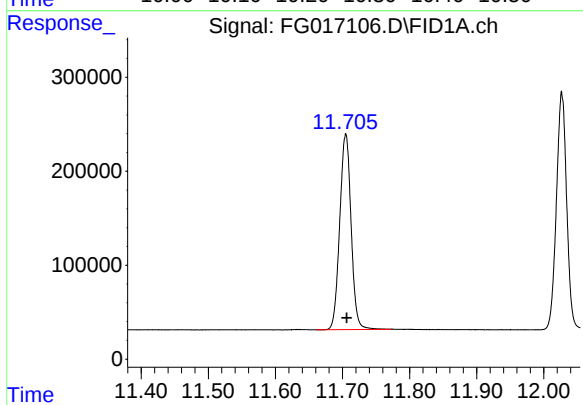
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 2291762
Conc: 18.35 ug/ml



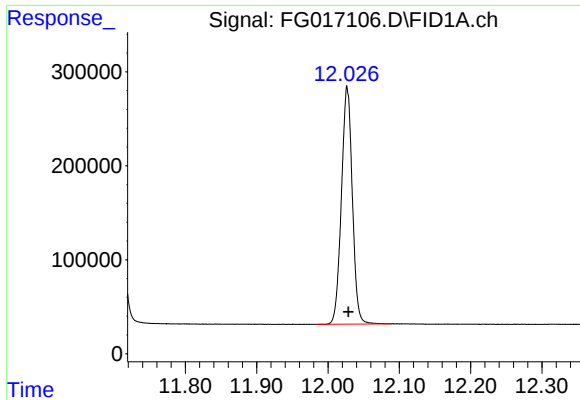
#7 n-Hexadecane (C16)

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 2377385
Conc: 18.50 ug/ml



#8 n-Octadecane (C18)

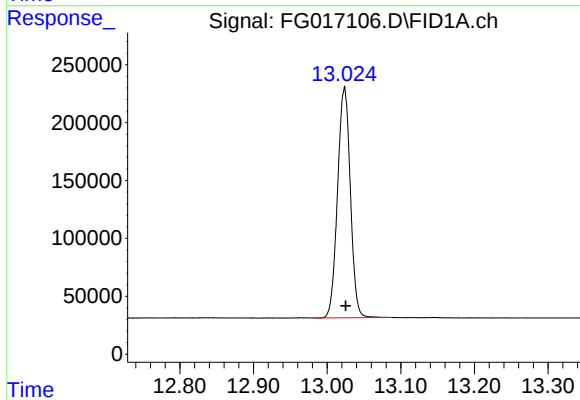
R.T.: 11.705 min
Delta R.T.: -0.001 min
Response: 2445881
Conc: 18.01 ug/ml



#9 ortho-Terphenyl (SURR)

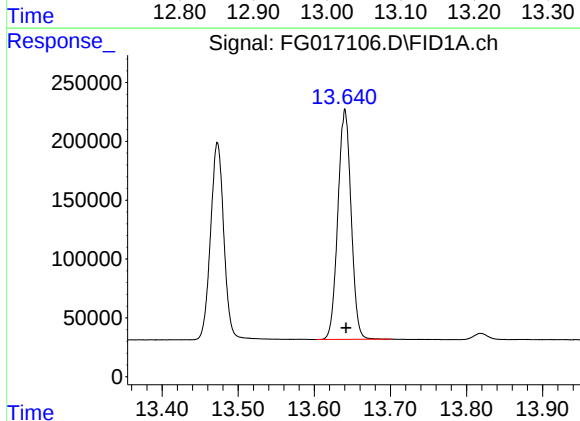
R.T.: 12.027 min
Delta R.T.: -0.001 min
Response: 2684587
Conc: 17.40 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



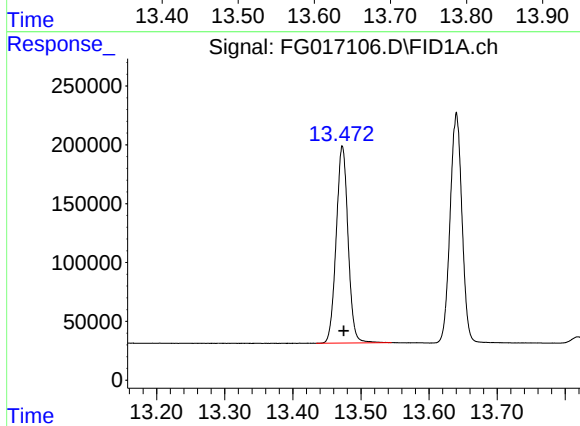
#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.002 min
Response: 2402782
Conc: 17.56 ug/ml



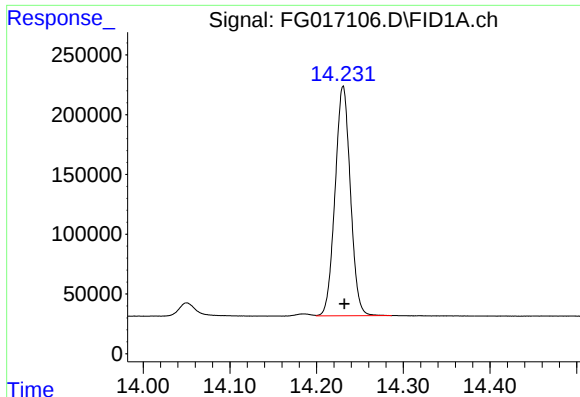
#11 n-Heneicosane (C21)

R.T.: 13.640 min
Delta R.T.: -0.001 min
Response: 2361816
Conc: 17.41 ug/ml



#12 1-chlorooctadecane (SURR)

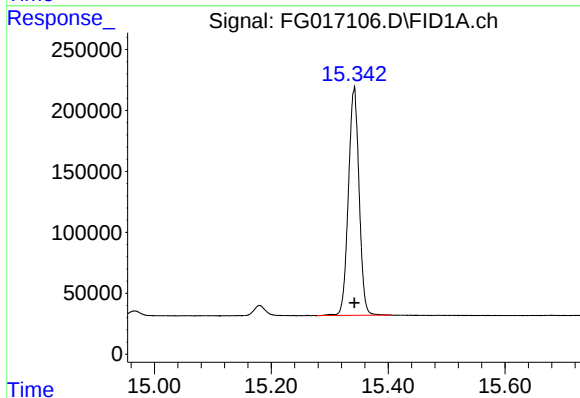
R.T.: 13.473 min
Delta R.T.: -0.002 min
Response: 2024214
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

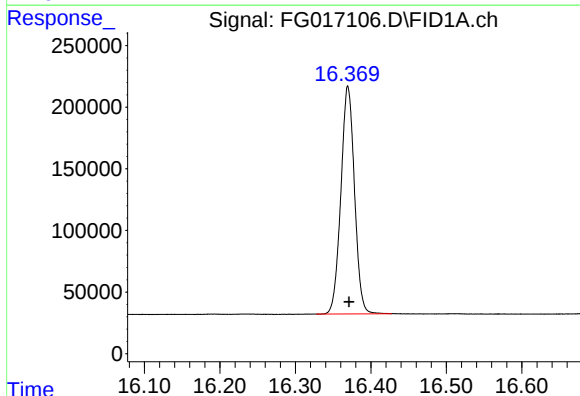
R.T.: 14.231 min
Delta R.T.: -0.001 min
Response: 2362091
Conc: 17.20 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



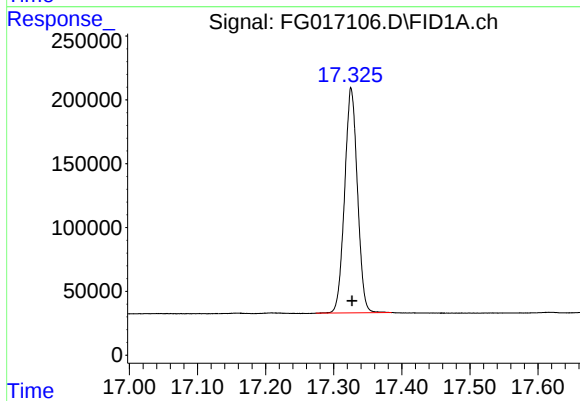
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2381179
Conc: 16.83 ug/ml



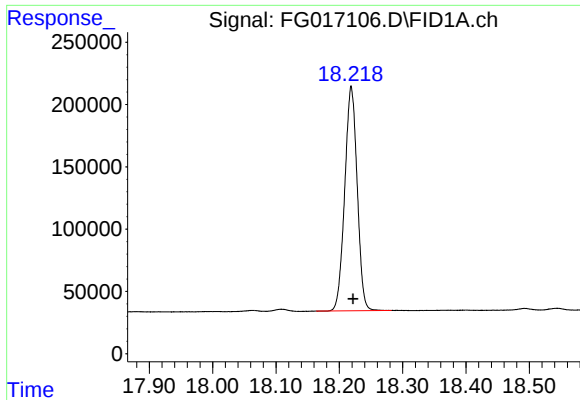
#15 n-Hexacosane (C26)

R.T.: 16.370 min
Delta R.T.: -0.001 min
Response: 2314066
Conc: 16.66 ug/ml



#16 n-Octacosane (C28)

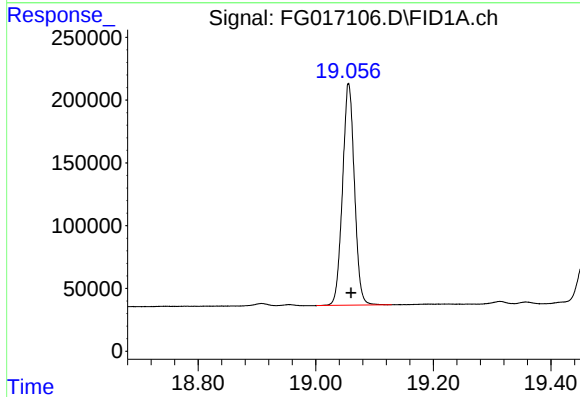
R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 2306996
Conc: 16.47 ug/ml



#17 n-Tricontane (C30)

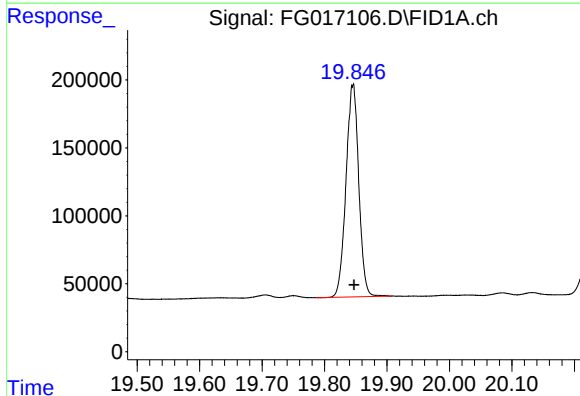
R.T.: 18.219 min
Delta R.T.: -0.003 min
Response: 2458403
Conc: 16.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



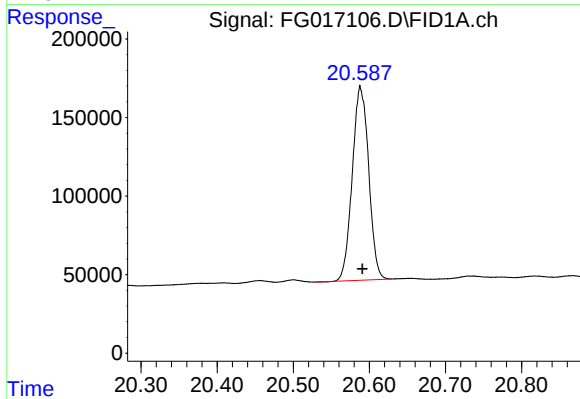
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 2486921
Conc: 16.61 ug/ml



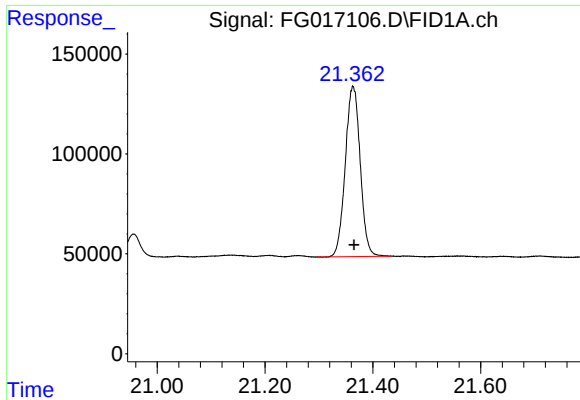
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: -0.002 min
Response: 2220466
Conc: 16.91 ug/ml



#20 n-Hexatriacontane (C36)

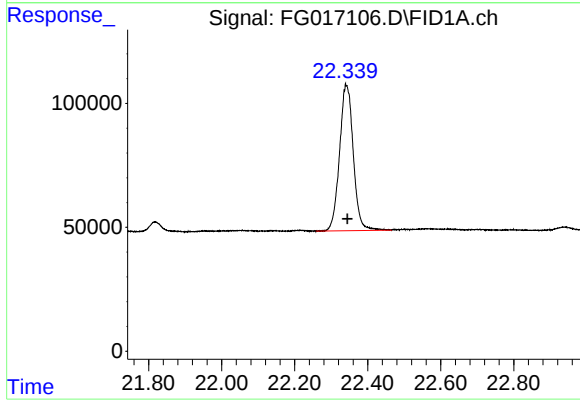
R.T.: 20.588 min
Delta R.T.: -0.003 min
Response: 1844575
Conc: 17.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.002 min
Response: 1635412
Conc: 17.86 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.341 min
Delta R.T.: -0.003 min
Response: 1536296
Conc: 18.84 ug/ml