

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017095.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 15:50
 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 03:15:11 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)	12.028	2667061	17.290 ug/ml
Spiked Amount 50.000		Recovery =	34.58%
12) S 1-chlorooctadecane (S...	13.474	2009542	17.325 ug/ml
Spiked Amount 50.000		Recovery =	34.65%
Target Compounds			
1) T n-Nonane (C9)	3.355	2153563	17.549 ug/ml
2) T n-Decane (C10)	4.615	2265256	18.180 ug/ml
3) T A~Naphthalene (C11.7)	6.333	2354294	18.755 ug/ml
4) T n-Dodecane (C12)	6.796	2306106	18.169 ug/ml
5) T A~2-methylnaphthalene...	7.436	2234991	19.567 ug/ml
6) T n-Tetradecane (C14)	8.635	2293746	18.363 ug/ml
7) T n-Hexadecane (C16)	10.252	2379758	18.517 ug/ml
8) T n-Octadecane (C18)	11.706	2442656	17.990 ug/ml
10) T n-Eicosane (C20)	13.025	2384885	17.429 ug/ml
11) T n-Heneicosane (C21)	13.641	2342714	17.271 ug/ml
13) T n-Docosane (C22)	14.232	2341534	17.053 ug/ml
14) T n-Tetracosane (C24)	15.342	2367584	16.735 ug/ml
15) T n-Hexacosane (C26)	16.370	2302086	16.579 ug/ml
16) T n-Octacosane (C28)	17.326	2299770	16.421 ug/ml
17) T n-Tricontane (C30)	18.220	2446055	16.474 ug/ml
18) T n-Dotriacontane (C32)	19.059	2462360	16.441 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2202340	16.777 ug/ml
20) T n-Hexatriacontane (C36)	20.589	1835227	17.431 ug/ml
21) T n-Octatriacontane (C38)	21.363	1627418	17.771 ug/ml
22) T n-Tetracontane (C40)	22.342	1535994	18.839 ug/ml

(f)=RT Delta > 1/2 Window

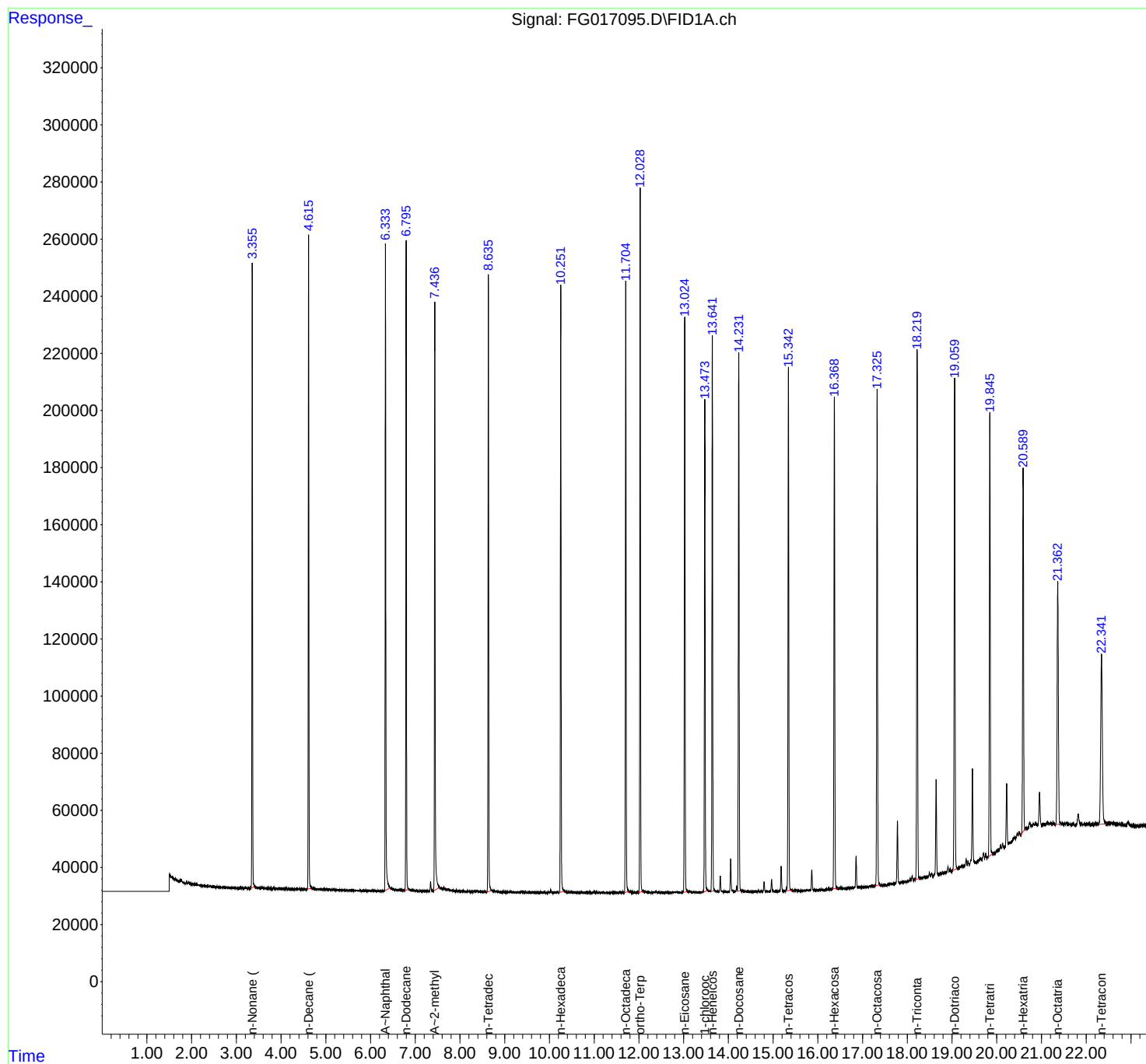
(m)=manual int.

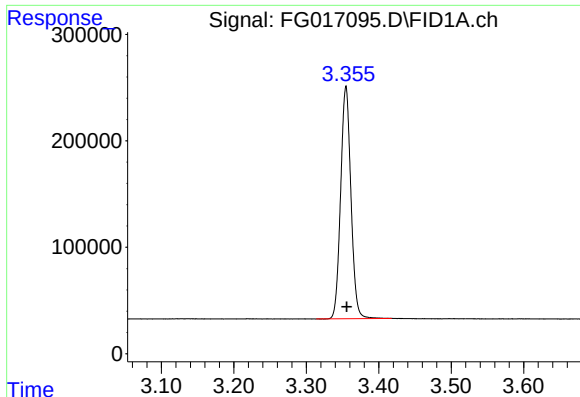
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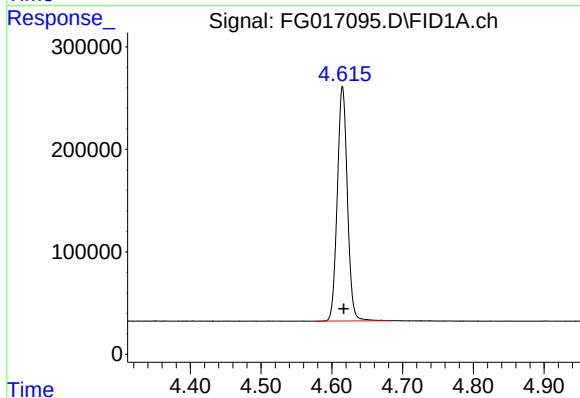




#1 n-Nonane (C9)

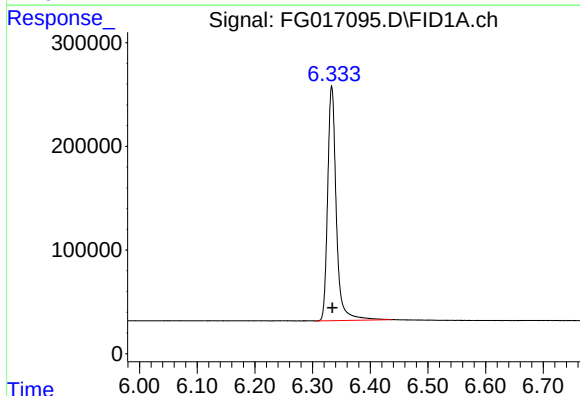
R.T.: 3.355 min
Delta R.T.: -0.001 min
Response: 2153563
Conc: 17.55 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



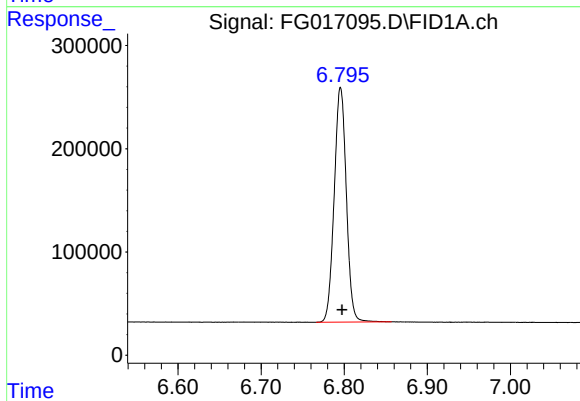
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 2265256
Conc: 18.18 ug/ml



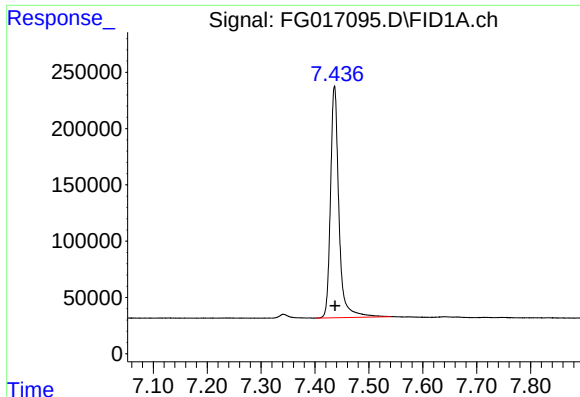
#3 A~Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: -0.001 min
Response: 2354294
Conc: 18.76 ug/ml



#4 n-Dodecane (C12)

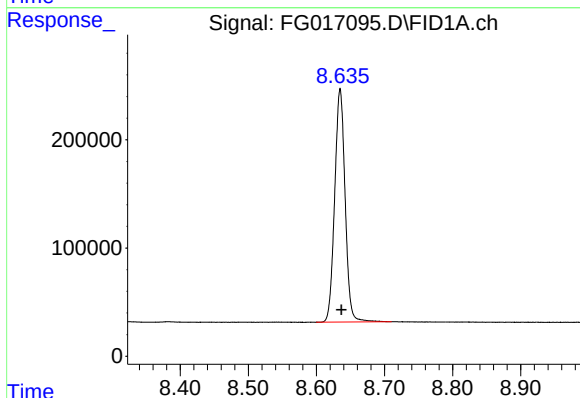
R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 2306106
Conc: 18.17 ug/ml



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

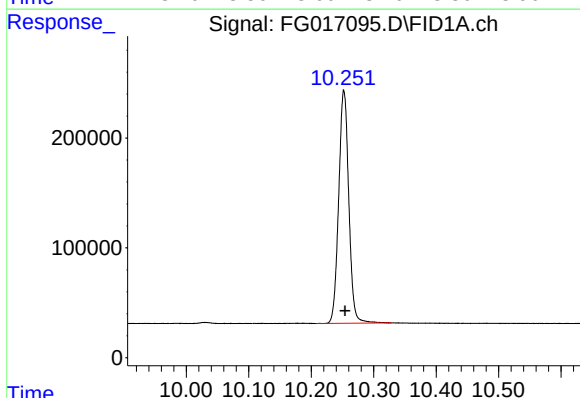
R.T.: 7.436 min
Delta R.T.: -0.001 min
Response: 2234991
Conc: 19.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



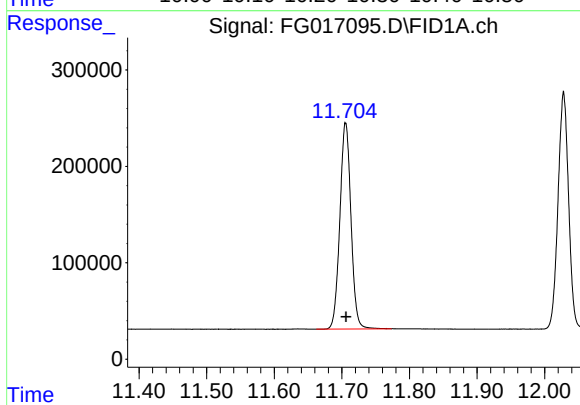
#6 n-Tetradecane (C14)

R.T.: 8.635 min
Delta R.T.: -0.002 min
Response: 2293746
Conc: 18.36 ug/ml



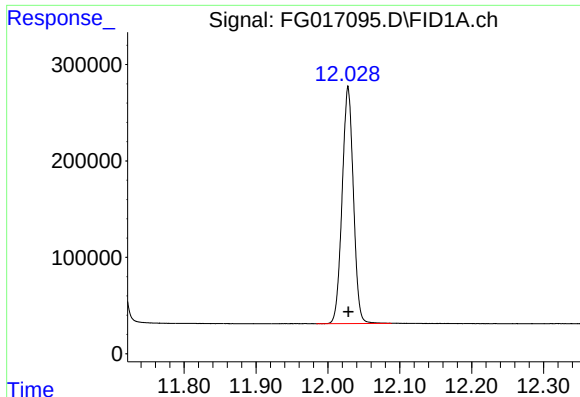
#7 n-Hexadecane (C16)

R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 2379758
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

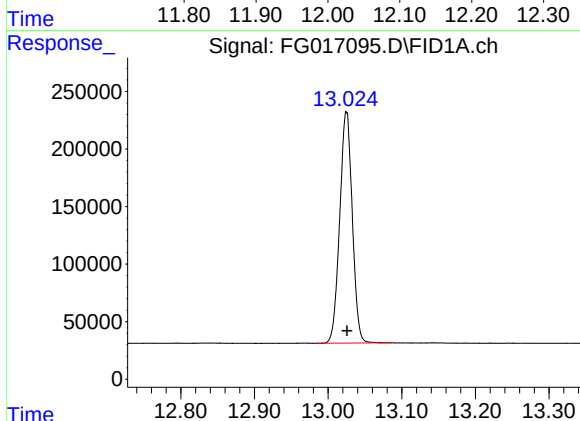
R.T.: 11.706 min
Delta R.T.: 0.000 min
Response: 2442656
Conc: 17.99 ug/ml



#9 ortho-Terphenyl (SURR)

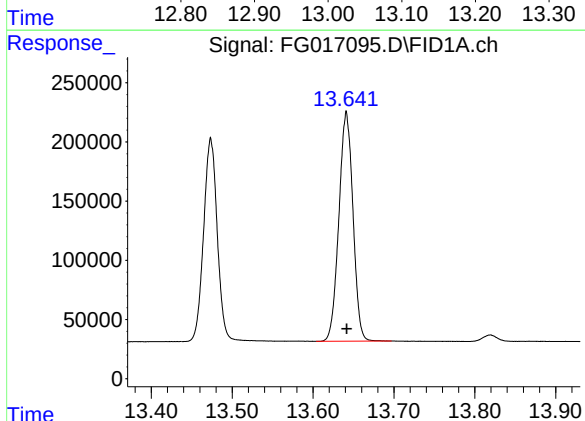
R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 2667061
Conc: 17.29 ug/ml

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20 PPM ALIPHATIC HC STD



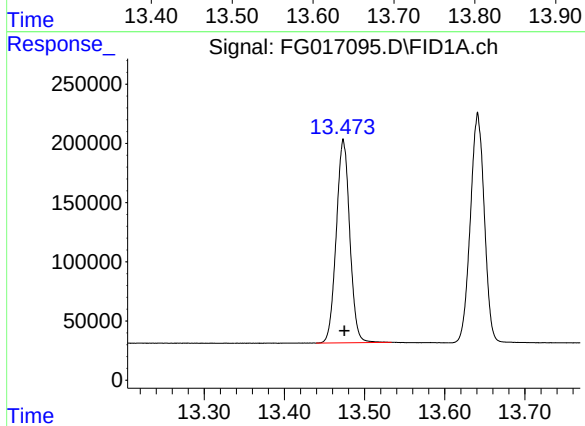
#10 n-Eicosane (C20)

R.T.: 13.025 min
Delta R.T.: 0.000 min
Response: 2384885
Conc: 17.43 ug/ml



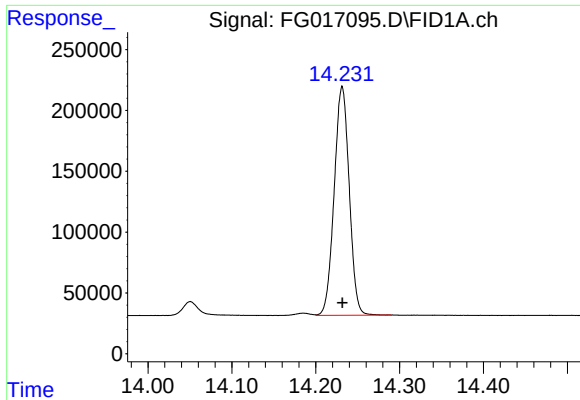
#11 n-Heneicosane (C21)

R.T.: 13.641 min
Delta R.T.: 0.000 min
Response: 2342714
Conc: 17.27 ug/ml



#12 1-chlorooctadecane (SURR)

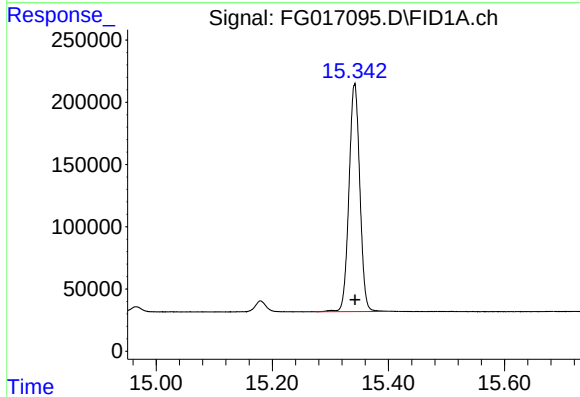
R.T.: 13.474 min
Delta R.T.: -0.001 min
Response: 2009542
Conc: 17.33 ug/ml



#13 n-Docosane (C22)

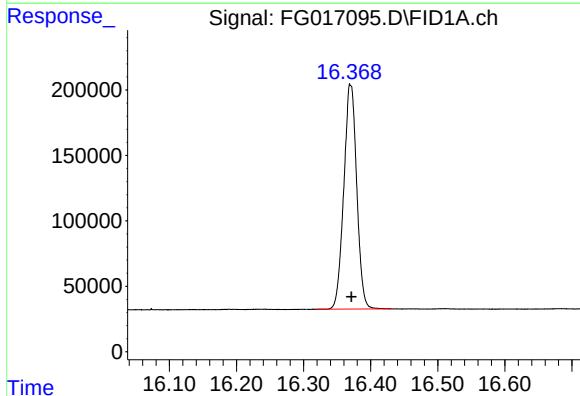
R.T.: 14.232 min
Delta R.T.: 0.000 min
Response: 2341534
Conc: 17.05 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



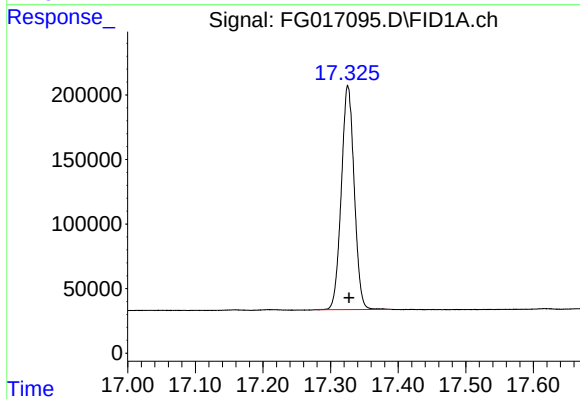
#14 n-Tetracosane (C24)

R.T.: 15.342 min
Delta R.T.: 0.000 min
Response: 2367584
Conc: 16.73 ug/ml



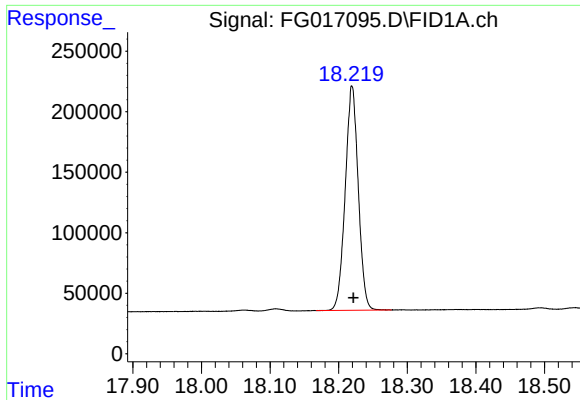
#15 n-Hexacosane (C26)

R.T.: 16.370 min
Delta R.T.: -0.001 min
Response: 2302086
Conc: 16.58 ug/ml



#16 n-Octacosane (C28)

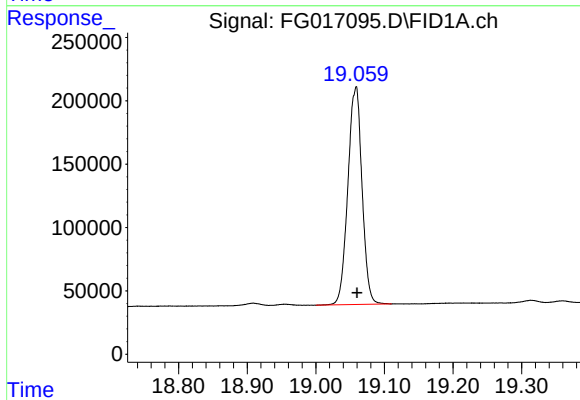
R.T.: 17.326 min
Delta R.T.: -0.002 min
Response: 2299770
Conc: 16.42 ug/ml



#17 n-Tricontane (C30)

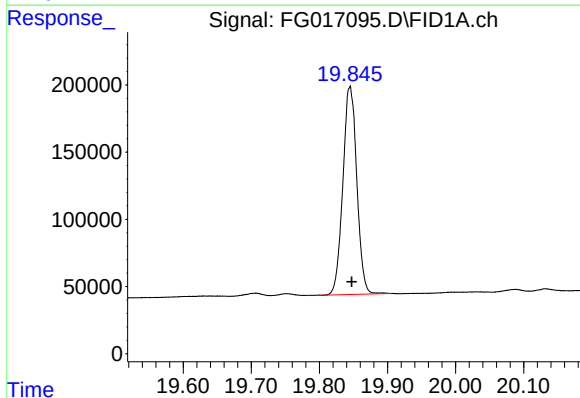
R.T.: 18.220 min
Delta R.T.: -0.002 min
Response: 2446055
Conc: 16.47 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



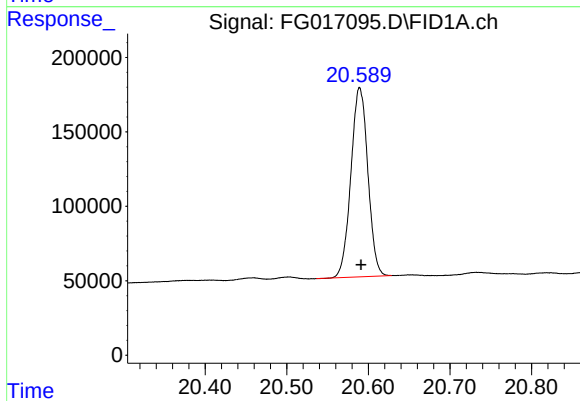
#18 n-Dotriacontane (C32)

R.T.: 19.059 min
Delta R.T.: -0.001 min
Response: 2462360
Conc: 16.44 ug/ml



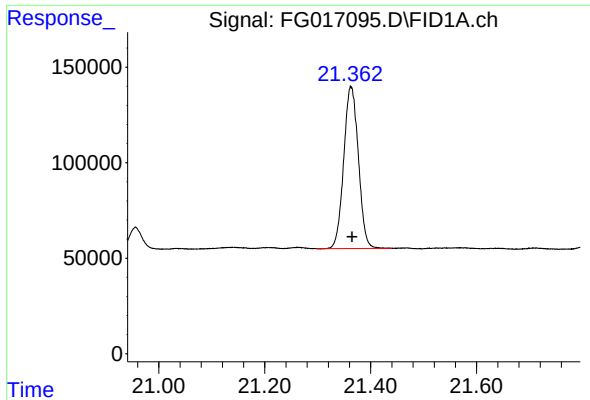
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: -0.003 min
Response: 2202340
Conc: 16.78 ug/ml



#20 n-Hexatriacontane (C36)

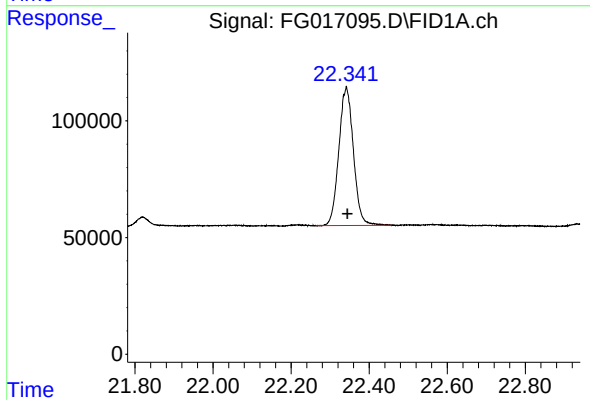
R.T.: 20.589 min
Delta R.T.: -0.002 min
Response: 1835227
Conc: 17.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.002 min
Response: 1627418
Conc: 17.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.002 min
Response: 1535994
Conc: 18.84 ug/ml