

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
 Data File : FG06124.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2025 12:49
 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: Jun 18 03:40:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.091	2643535	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.533	2052507	20.369 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.418	2190008	20.241 ug/ml
2) T n-Decane (C10)	4.678	2232547	20.353 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2444738	20.461 ug/ml
4) T n-Dodecane (C12)	6.856	2248864	20.424 ug/ml
5) T A~2-methylnaphthalene...	7.495	2384496	20.501 ug/ml
6) T n-Tetradecane (C14)	8.695	2237596	20.375 ug/ml
7) T n-Hexadecane (C16)	10.313	2323346	20.411 ug/ml
8) T n-Octadecane (C18)	11.767	2372852	20.383 ug/ml
10) T n-Eicosane (C20)	13.085	2321400	20.397 ug/ml
11) T n-Heneicosane (C21)	13.701	2308007	20.386 ug/ml
13) T n-Docosane (C22)	14.291	2315169	20.365 ug/ml
14) T n-Tetracosane (C24)	15.401	2353953	20.414 ug/ml
15) T n-Hexacosane (C26)	16.427	2350880	20.429 ug/ml
16) T n-Octacosane (C28)	17.383	2321775	20.458 ug/ml
17) T n-Tricontane (C30)	18.275	2363827	20.647 ug/ml
18) T n-Dotriacontane (C32)	19.111	2256404	20.695 ug/ml
19) T n-Tetratriacontane (C34)	19.898	2032869	20.548 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1737669	20.472 ug/ml
21) T n-Octatriacontane (C38)	21.429	1542623	20.434 ug/ml
22) T n-Tetracontane (C40)	22.431	1420122	20.537 ug/ml

(f)=RT Delta > 1/2 Window

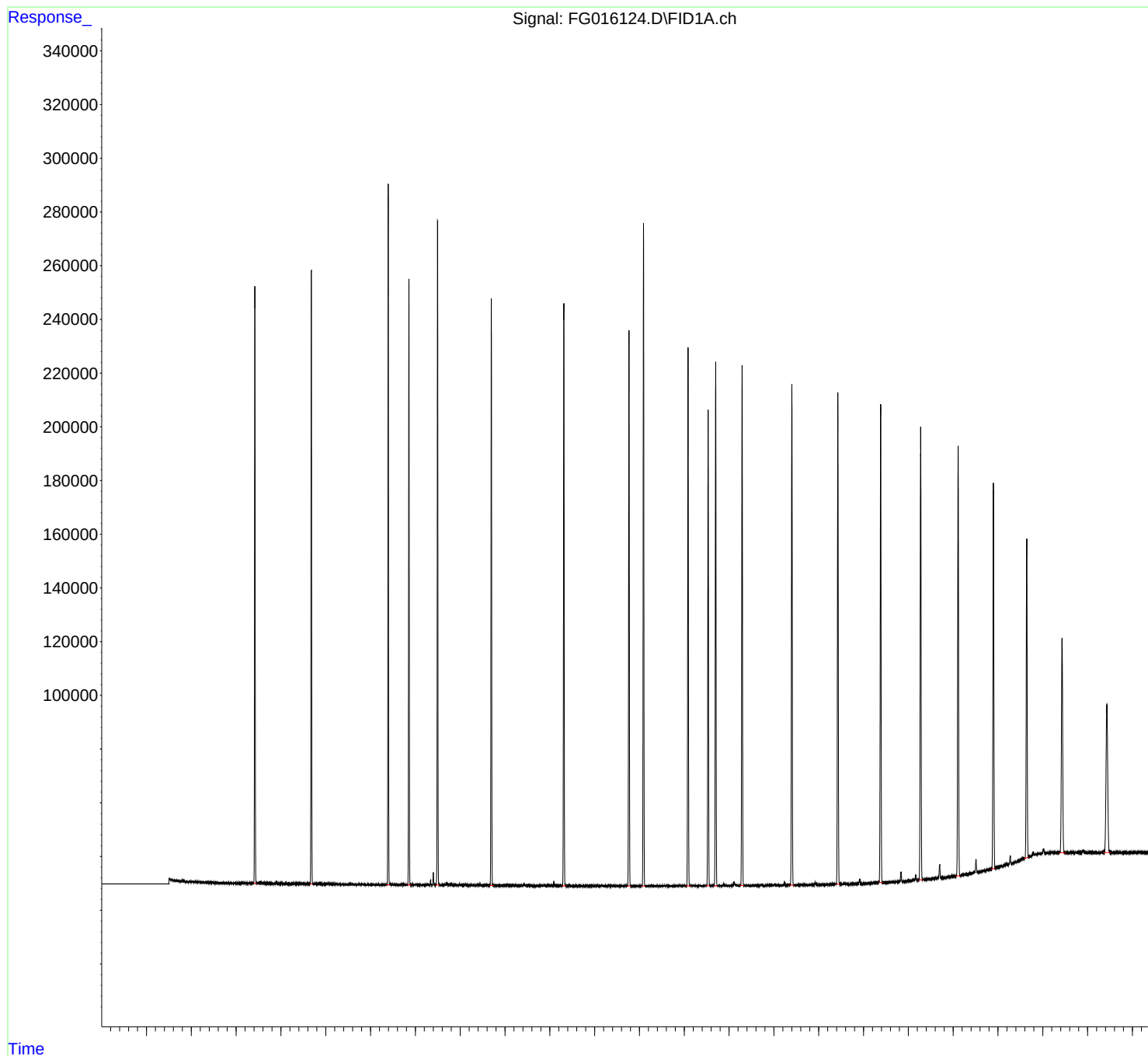
(m)=manual int.

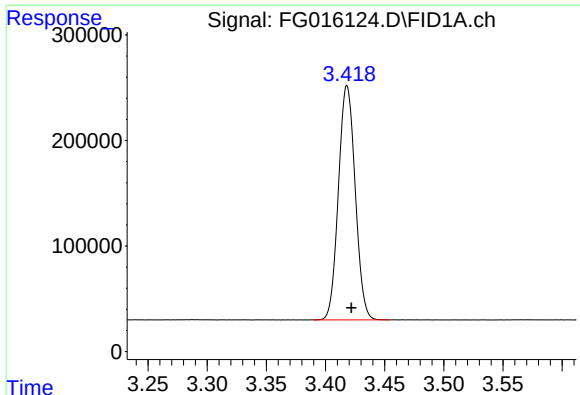
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061725AL\
Data File : FG016124.D
Signal(s) : FID1A.ch
Acq On : 17 Jun 2025 12:49
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Sample : 20 PPM ALIPHATIC HC STD
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
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Response via : Initial Calibration
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

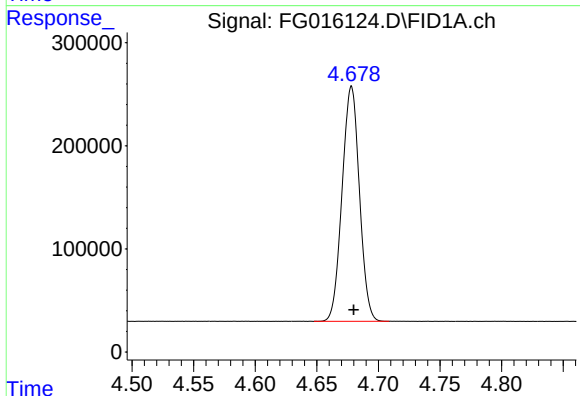




#1 n-Nonane (C9)

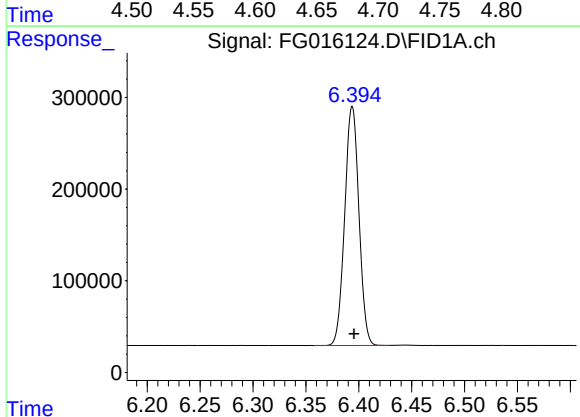
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2190008
Conc: 20.24 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



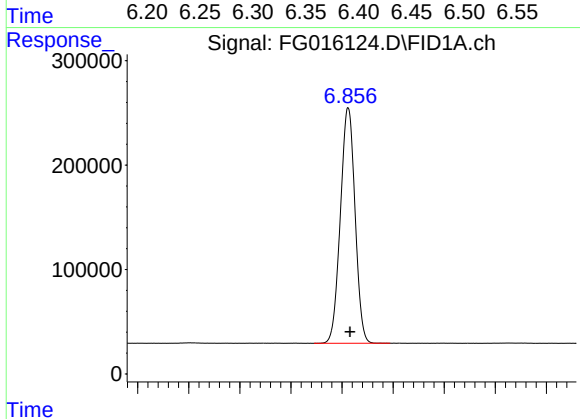
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2232547
Conc: 20.35 ug/ml



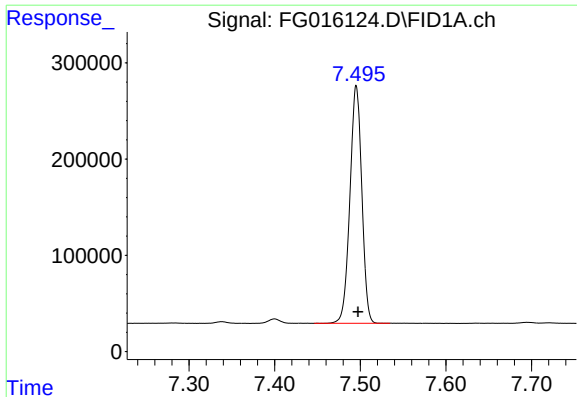
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 2444738
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

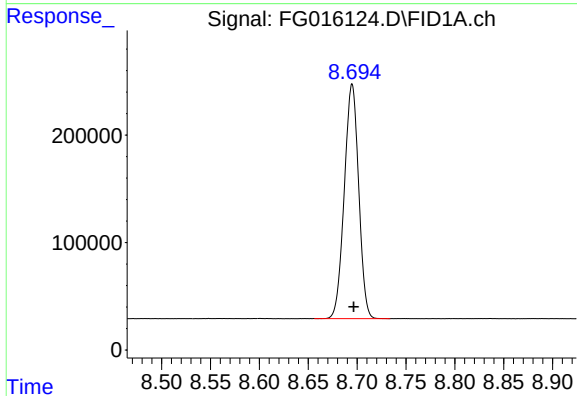
R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 2248864
Conc: 20.42 ug/ml



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

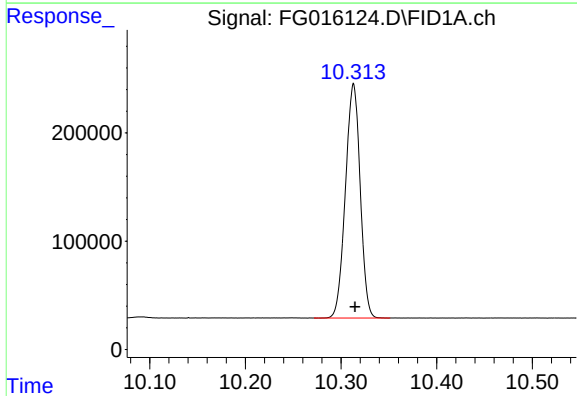
R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 2384496
Conc: 20.50 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



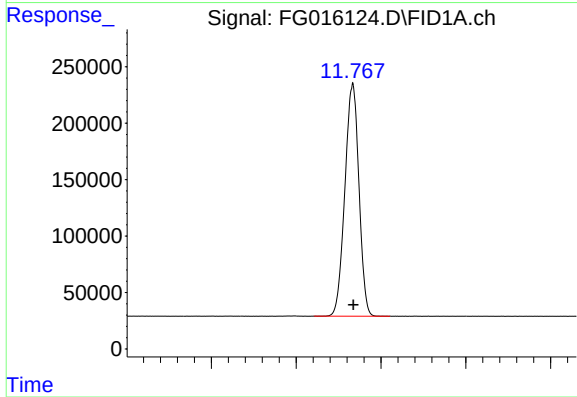
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 2237596
Conc: 20.38 ug/ml



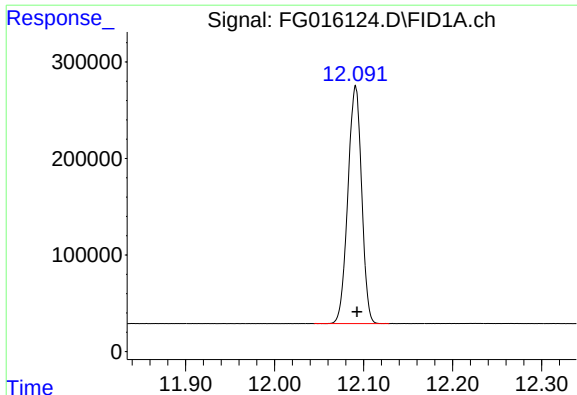
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.001 min
Response: 2323346
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

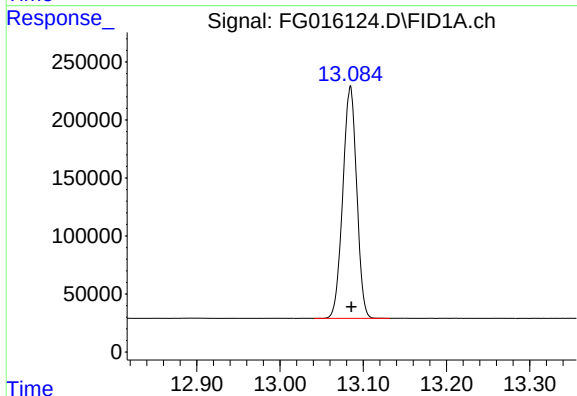
R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 2372852
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

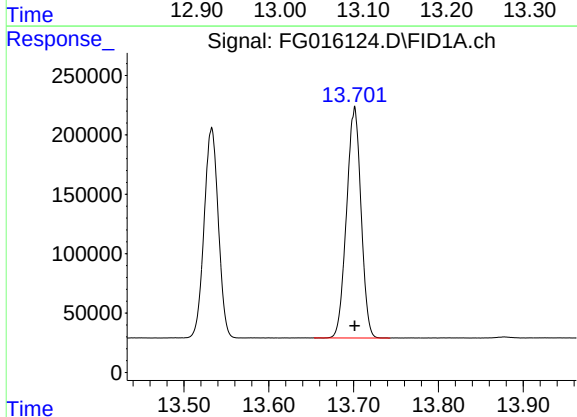
R.T.: 12.091 min
Delta R.T.: -0.001 min
Response: 2643535
Conc: 20.49 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



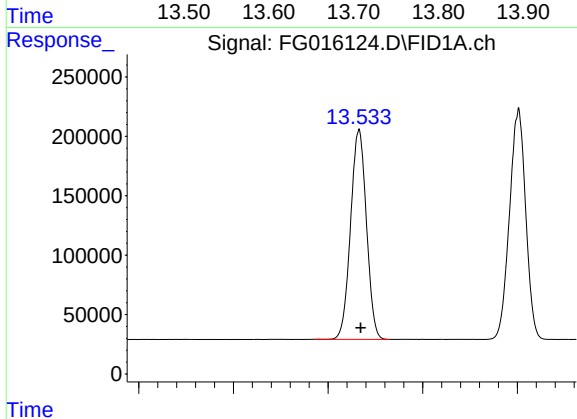
#10 n-Eicosane (C20)

R.T.: 13.085 min
Delta R.T.: -0.001 min
Response: 2321400
Conc: 20.40 ug/ml



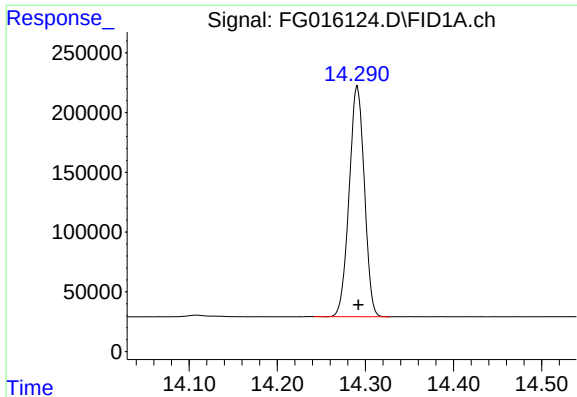
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 2308007
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

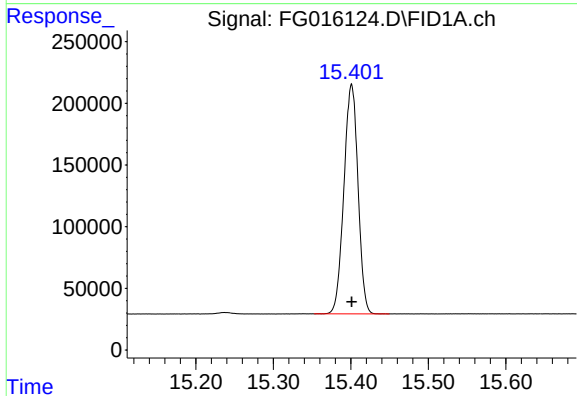
R.T.: 13.533 min
Delta R.T.: -0.002 min
Response: 2052507
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

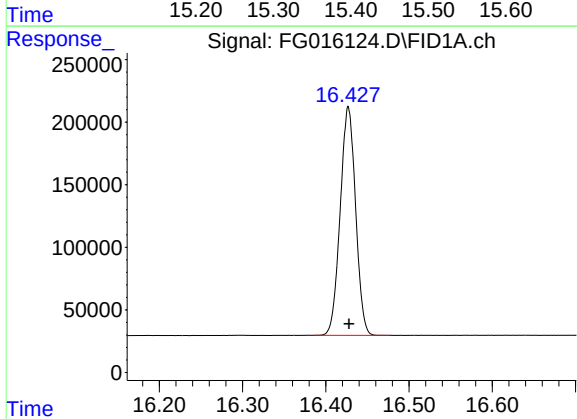
R.T.: 14.291 min
Delta R.T.: -0.001 min
Response: 2315169
Conc: 20.37 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



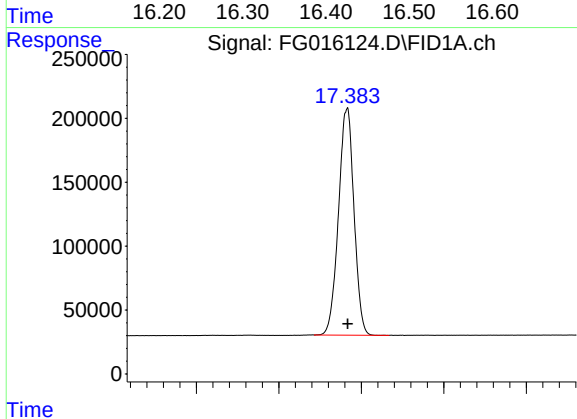
#14 n-Tetracosane (C24)

R.T.: 15.401 min
Delta R.T.: 0.000 min
Response: 2353953
Conc: 20.41 ug/ml



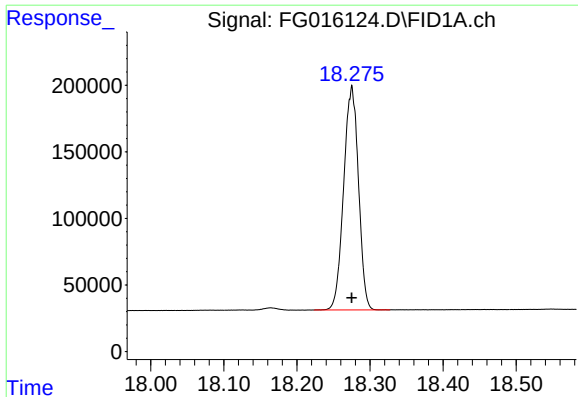
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 2350880
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

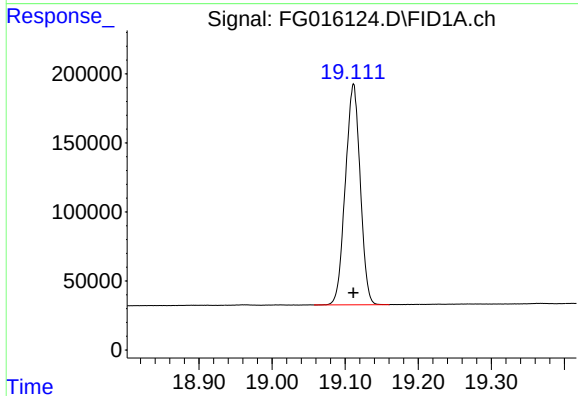
R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 2321775
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

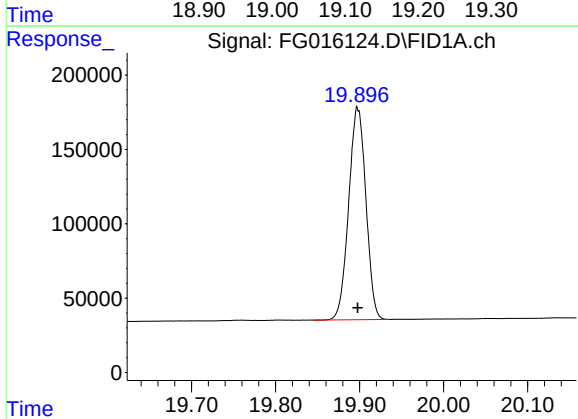
R.T.: 18.275 min
Delta R.T.: 0.000 min
Response: 2363827
Conc: 20.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



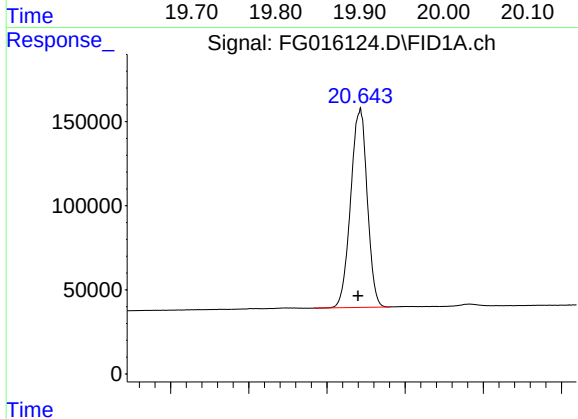
#18 n-Dotriacontane (C32)

R.T.: 19.111 min
Delta R.T.: 0.000 min
Response: 2256404
Conc: 20.70 ug/ml



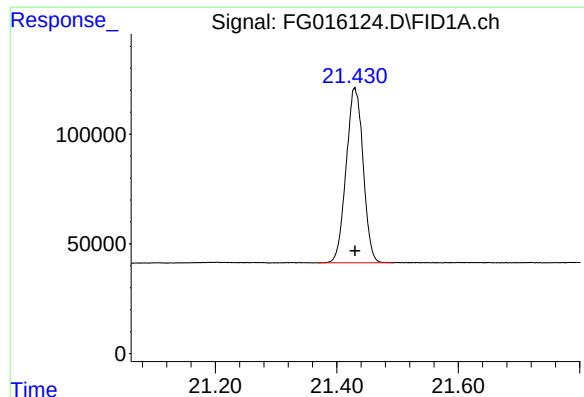
#19 n-Tetratriacontane (C34)

R.T.: 19.898 min
Delta R.T.: 0.000 min
Response: 2032869
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

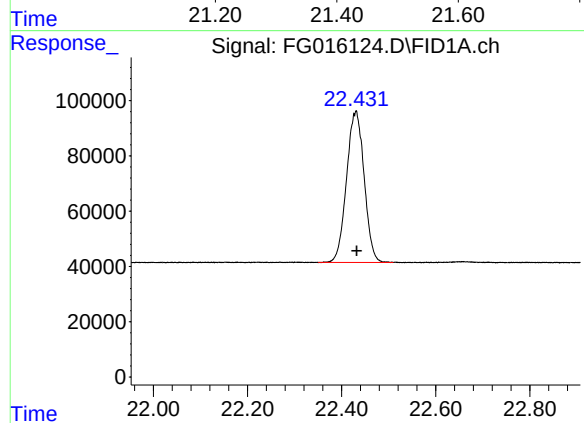
R.T.: 20.643 min
Delta R.T.: 0.003 min
Response: 1737669
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.429 min
Delta R.T.: -0.001 min
Response: 1542623
Conc: 20.43 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.431 min
Delta R.T.: 0.000 min
Response: 1420122
Conc: 20.54 ug/ml