

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100125AL\
 Data File : FG016728.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 17:24
 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: Oct 03 04:15:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.054	2604546	18.260 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
12) S 1-chlorooctadecane (S...	13.499	2012359	17.829 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
Target Compounds			
1) T n-Nonane (C9)	3.375	2147800	18.927 ug/ml
2) T n-Decane (C10)	4.636	2216078	19.161 ug/ml
3) T A~Naphthalene (C11.7)	6.355	2315802	18.783 ug/ml
4) T n-Dodecane (C12)	6.817	2246079	19.136 ug/ml
5) T A~2-methylnaphthalene...	7.457	2176074	18.812 ug/ml
6) T n-Tetradecane (C14)	8.658	2243595	19.123 ug/ml
7) T n-Hexadecane (C16)	10.277	2351669	18.980 ug/ml
8) T n-Octadecane (C18)	11.731	2426736	18.642 ug/ml
10) T n-Eicosane (C20)	13.049	2351093	18.187 ug/ml
11) T n-Heneicosane (C21)	13.666	2309490	17.985 ug/ml
13) T n-Docosane (C22)	14.257	2291456	17.771 ug/ml
14) T n-Tetracosane (C24)	15.368	2257171	17.307 ug/ml
15) T n-Hexacosane (C26)	16.395	2183760	16.917 ug/ml
16) T n-Octacosane (C28)	17.350	2136837	16.838 ug/ml
17) T n-Tricontane (C30)	18.245	2260508	17.667 ug/ml
18) T n-Dotriacontane (C32)	19.083	2274744	18.574 ug/ml
19) T n-Tetratriacontane (C34)	19.870	2053979	18.907 ug/ml
20) T n-Hexatriacontane (C36)	20.615	1719306	18.920 ug/ml
21) T n-Octatriacontane (C38)	21.393	1516324	18.618 ug/ml
22) T n-Tetracontane (C40)	22.384	1413270	18.321 ug/ml

(f)=RT Delta > 1/2 Window

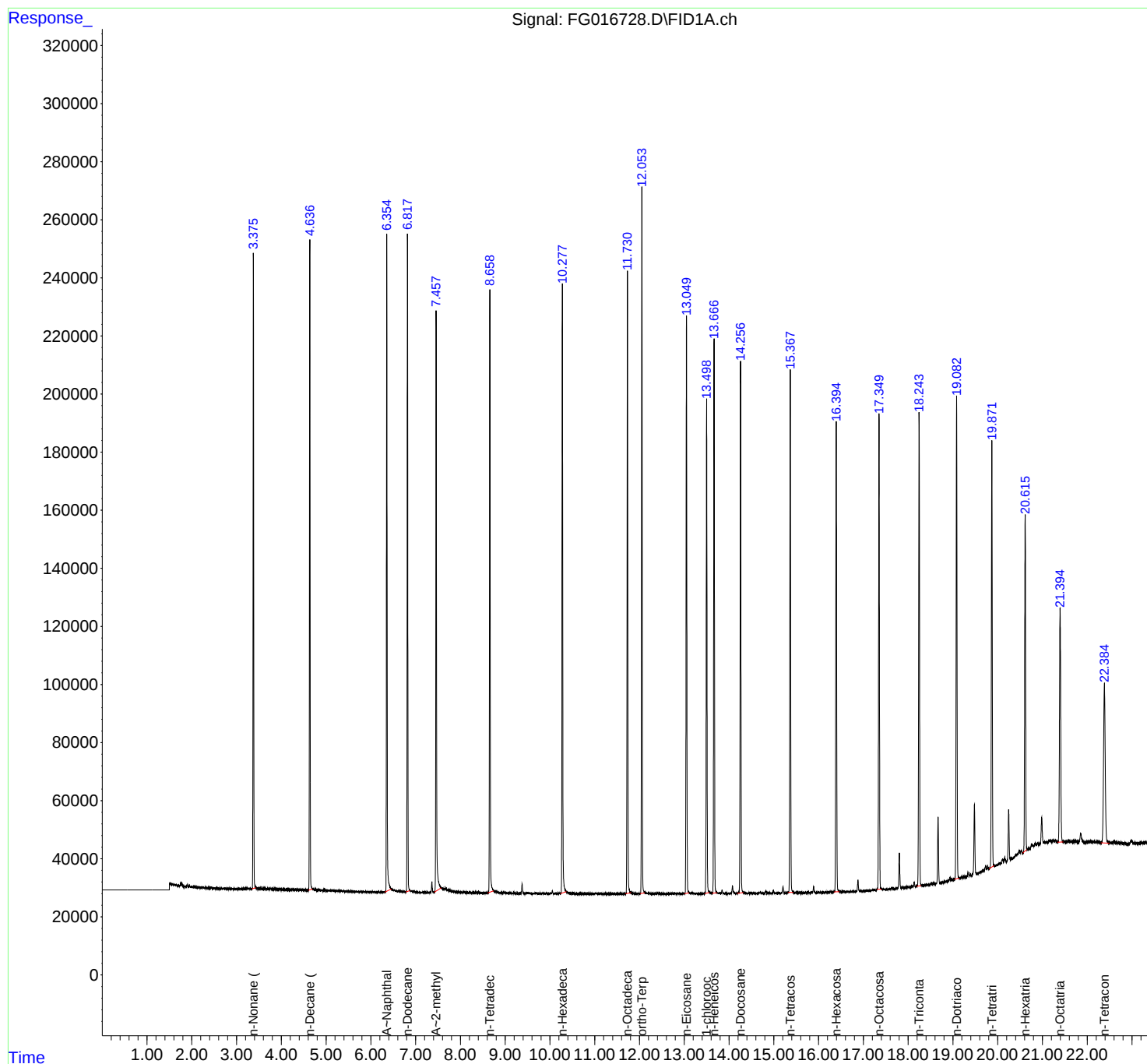
(m)=manual int.

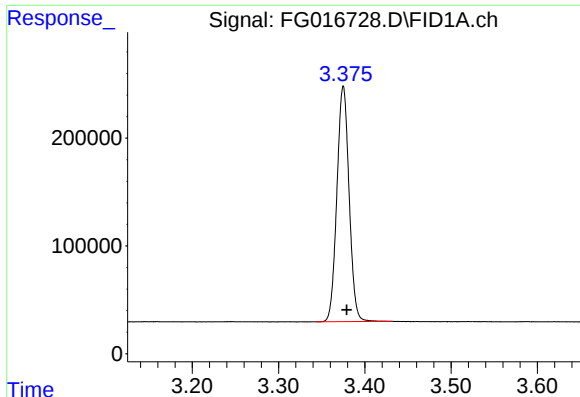
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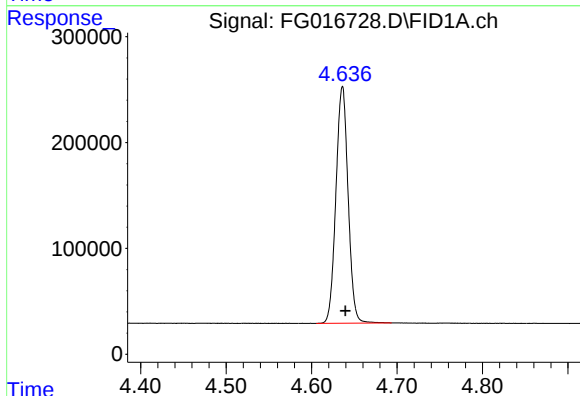




#1 n-Nonane (C9)

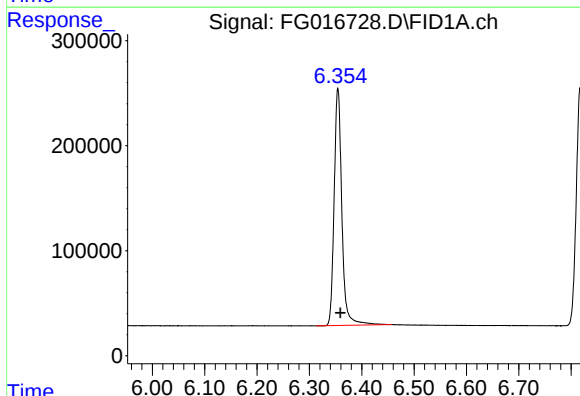
R.T.: 3.375 min
Delta R.T.: -0.004 min
Response: 2147800
Conc: 18.93 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



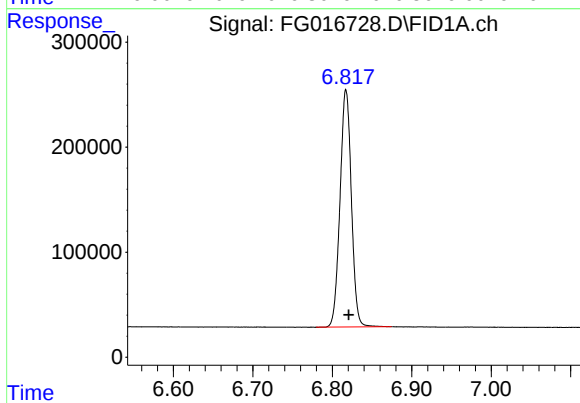
#2 n-Decane (C10)

R.T.: 4.636 min
Delta R.T.: -0.004 min
Response: 2216078
Conc: 19.16 ug/ml



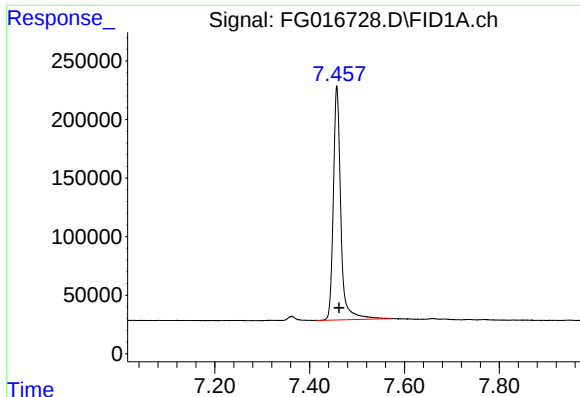
#3 A~Naphthalene (C11.7)

R.T.: 6.355 min
Delta R.T.: -0.005 min
Response: 2315802
Conc: 18.78 ug/ml



#4 n-Dodecane (C12)

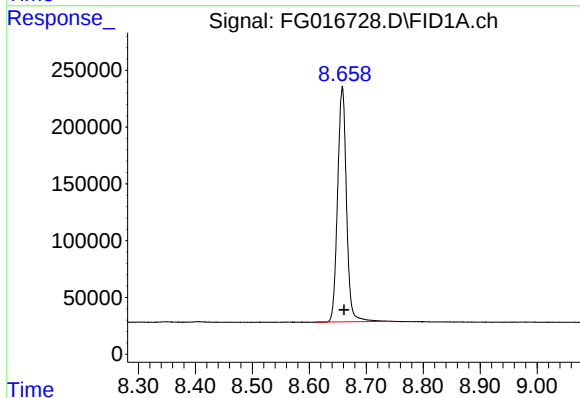
R.T.: 6.817 min
Delta R.T.: -0.003 min
Response: 2246079
Conc: 19.14 ug/ml



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

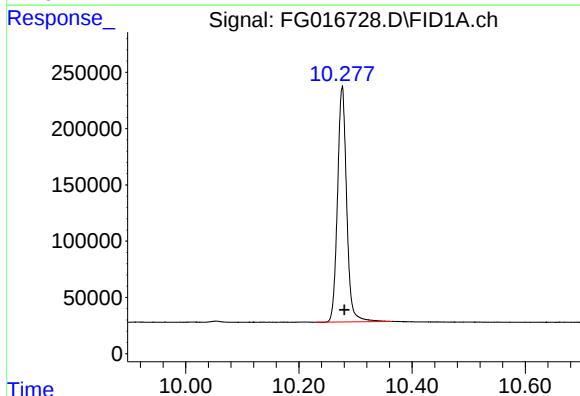
R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 2176074
Conc: 18.81 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



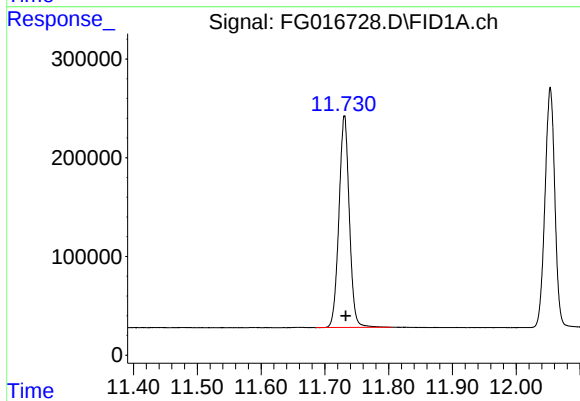
#6 n-Tetradecane (C14)

R.T.: 8.658 min
Delta R.T.: -0.003 min
Response: 2243595
Conc: 19.12 ug/ml



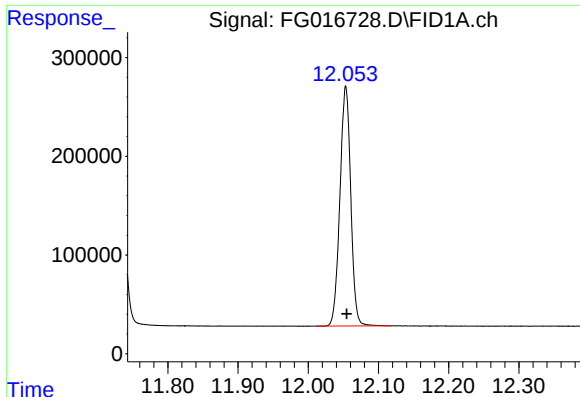
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: -0.004 min
Response: 2351669
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

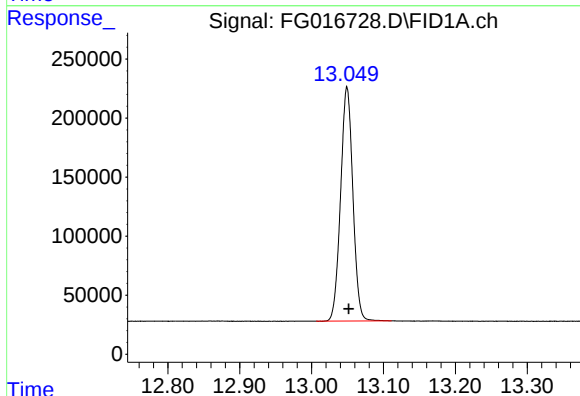
R.T.: 11.731 min
Delta R.T.: -0.002 min
Response: 2426736
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

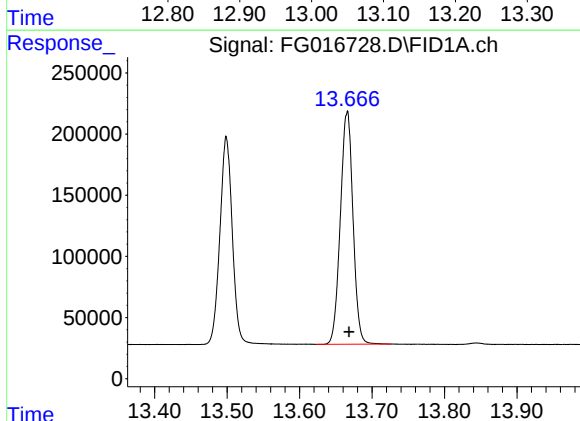
R.T.: 12.054 min
Delta R.T.: -0.001 min
Response: 2604546
Conc: 18.26 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



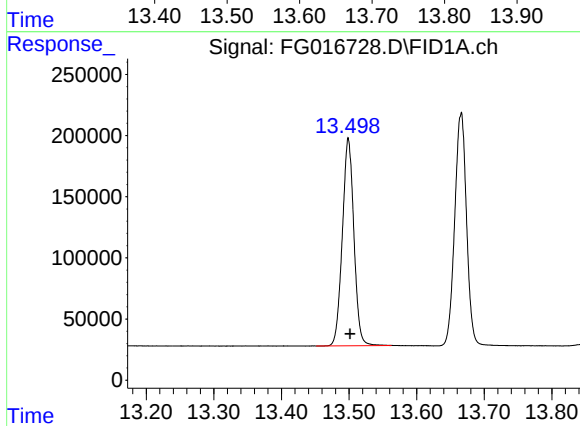
#10 n-Eicosane (C20)

R.T.: 13.049 min
Delta R.T.: -0.002 min
Response: 2351093
Conc: 18.19 ug/ml



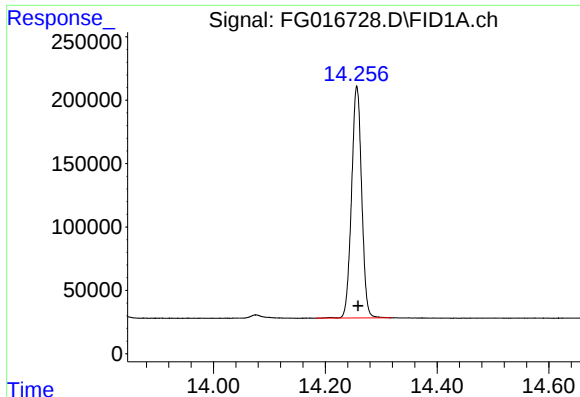
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: -0.003 min
Response: 2309490
Conc: 17.98 ug/ml



#12 1-chlorooctadecane (SURR)

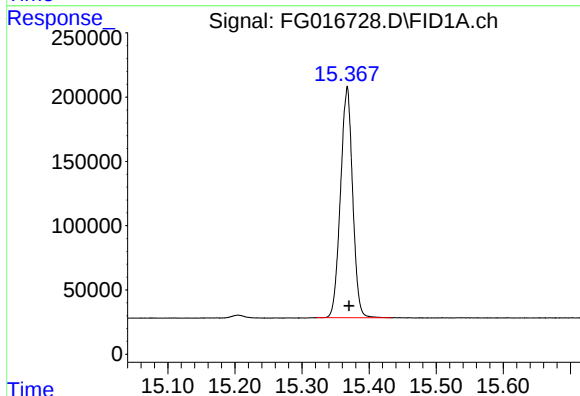
R.T.: 13.499 min
Delta R.T.: -0.003 min
Response: 2012359
Conc: 17.83 ug/ml



#13 n-Docosane (C22)

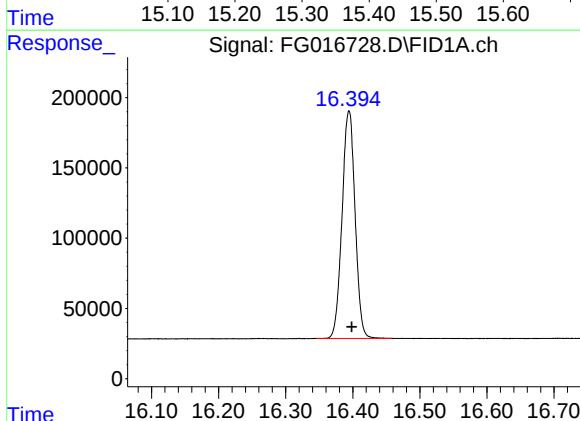
R.T.: 14.257 min
Delta R.T.: -0.002 min
Response: 2291456
Conc: 17.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



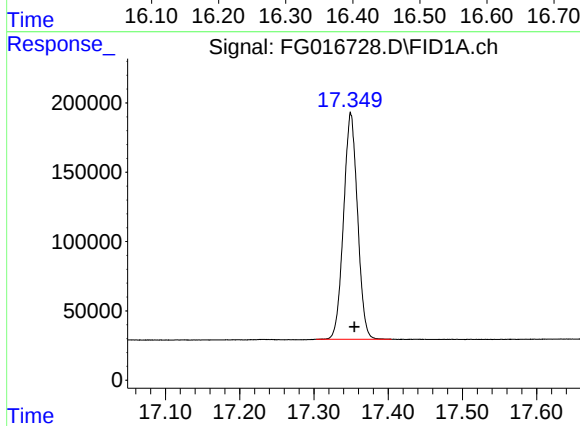
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.003 min
Response: 2257171
Conc: 17.31 ug/ml



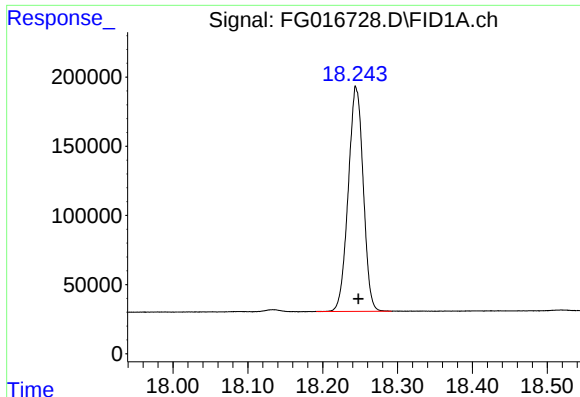
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: -0.004 min
Response: 2183760
Conc: 16.92 ug/ml



#16 n-Octacosane (C28)

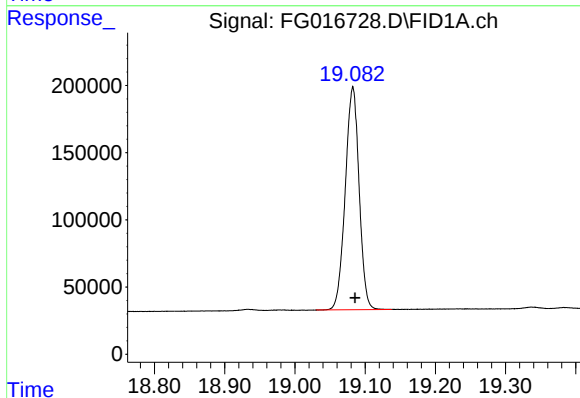
R.T.: 17.350 min
Delta R.T.: -0.005 min
Response: 2136837
Conc: 16.84 ug/ml



#17 n-Tricontane (C30)

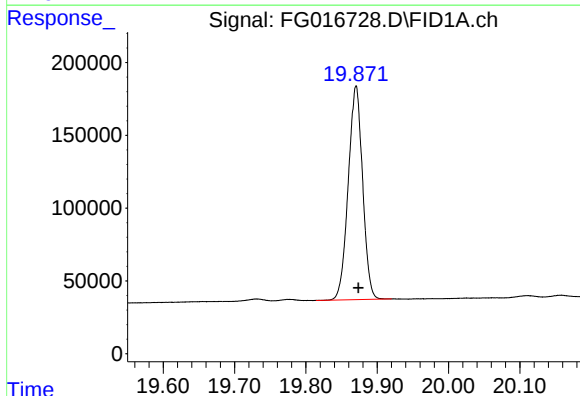
R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 2260508
Conc: 17.67 ug/ml

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20 PPM ALIPHATIC HC STD



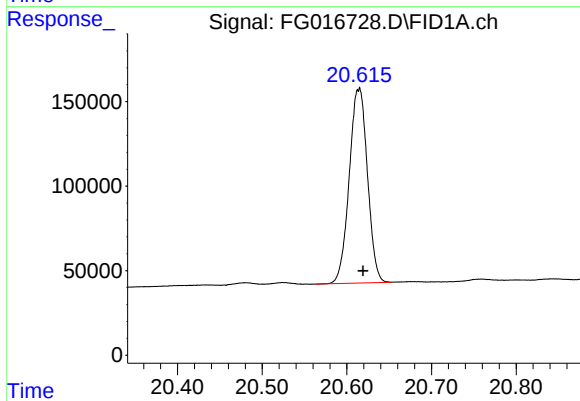
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: -0.003 min
Response: 2274744
Conc: 18.57 ug/ml



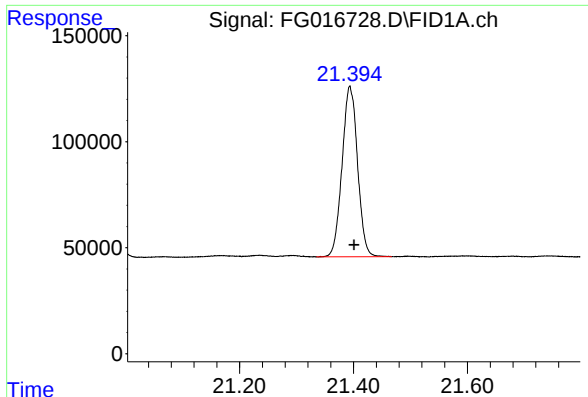
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: -0.003 min
Response: 2053979
Conc: 18.91 ug/ml



#20 n-Hexatriacontane (C36)

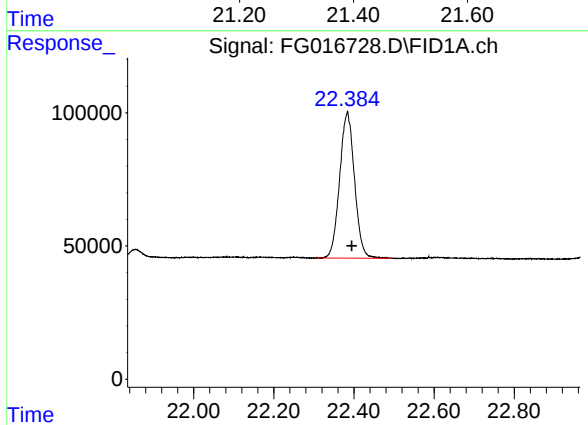
R.T.: 20.615 min
Delta R.T.: -0.005 min
Response: 1719306
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: -0.008 min
Response: 1516324
Conc: 18.62 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: -0.011 min
Response: 1413270
Conc: 18.32 ug/ml