

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111325AL\
 Data File : FG016922.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2025 20:00
 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: sample.E
 Quant Time: Nov 14 04:31:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.036	3104571	19.658 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	13.482	2351162	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.360	2448880	19.656 ug/ml
2) T n-Decane (C10)	4.622	2542538	19.860 ug/ml
3) T A~Naphthalene (C11.7)	6.340	2647770	20.236 ug/ml
4) T n-Dodecane (C12)	6.802	2595173	19.904 ug/ml
5) T A~2-methylnaphthalene...	7.443	2493497	20.721 ug/ml
6) T n-Tetradecane (C14)	8.642	2569669	20.114 ug/ml
7) T n-Hexadecane (C16)	10.260	2656066	20.101 ug/ml
8) T n-Octadecane (C18)	11.714	2763680	19.832 ug/ml
10) T n-Eicosane (C20)	13.033	2736257	19.576 ug/ml
11) T n-Heneicosane (C21)	13.649	2711303	19.501 ug/ml
13) T n-Docosane (C22)	14.239	2712157	19.170 ug/ml
14) T n-Tetracosane (C24)	15.351	2735125	18.603 ug/ml
15) T n-Hexacosane (C26)	16.378	2669033	18.193 ug/ml
16) T n-Octacosane (C28)	17.336	2623286	17.820 ug/ml
17) T n-Tricontane (C30)	18.228	2689215	17.772 ug/ml
18) T n-Dotriacontane (C32)	19.066	2629012	17.835 ug/ml
19) T n-Tetratriacontane (C34)	19.856	2344734	18.195 ug/ml
20) T n-Hexatriacontane (C36)	20.600	1950954	18.849 ug/ml
21) T n-Octatriacontane (C38)	21.376	1740228	19.739 ug/ml
22) T n-Tetracontane (C40)	22.358	1610428	20.567 ug/ml

(f)=RT Delta > 1/2 Window

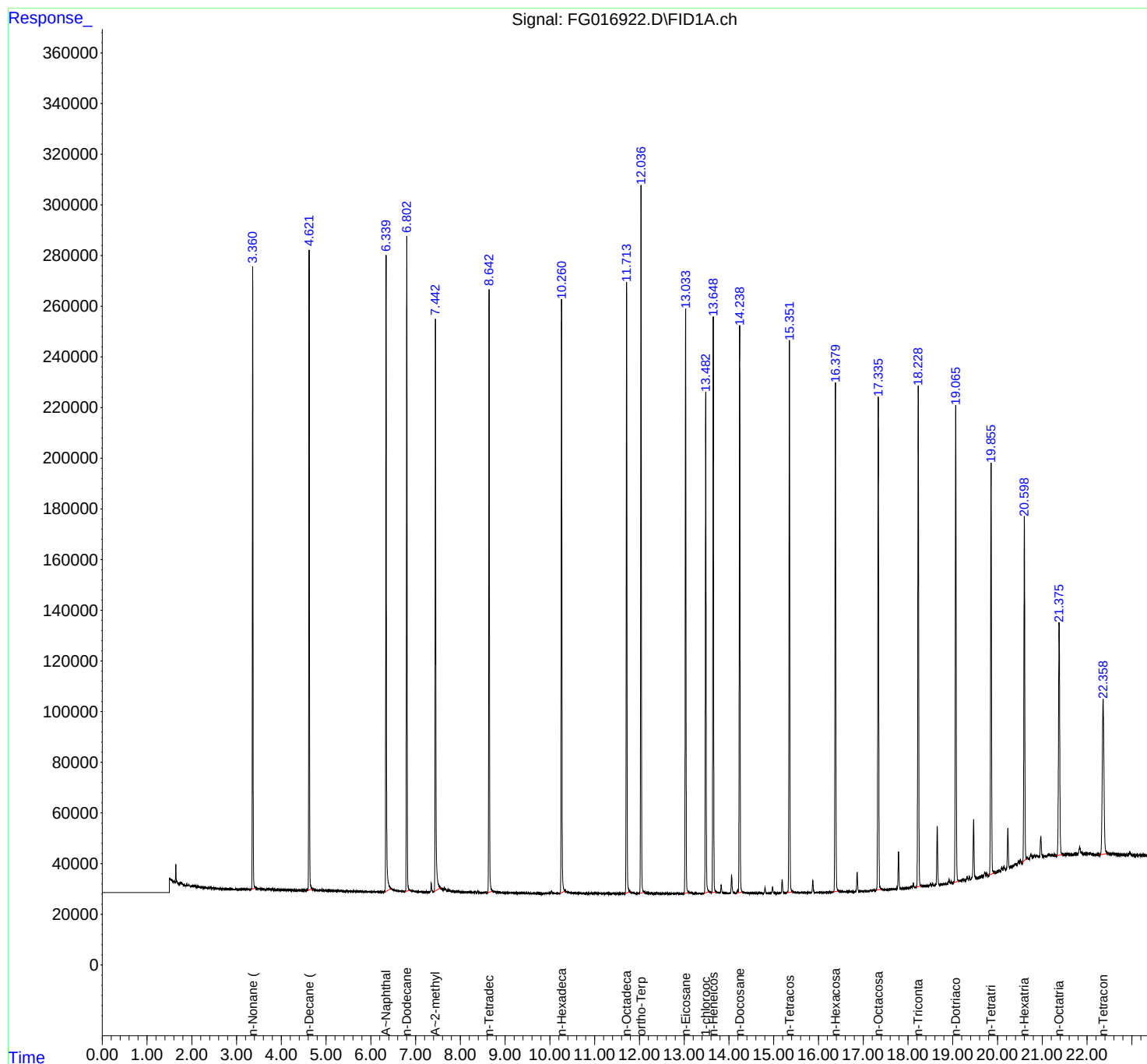
(m)=manual int.

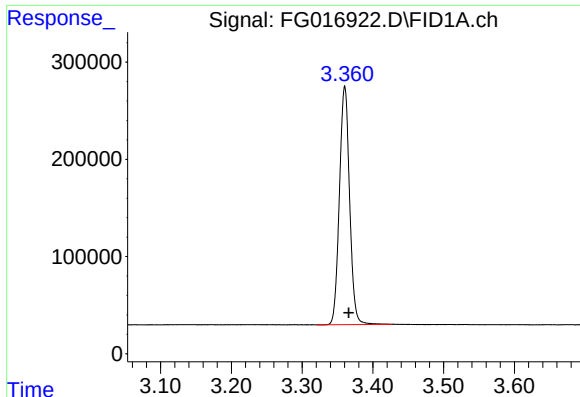
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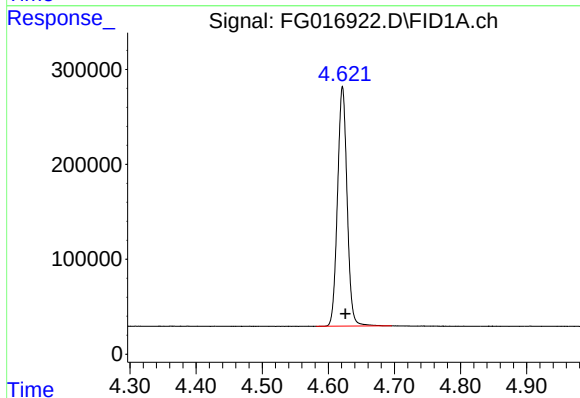




#1 n-Nonane (C9)

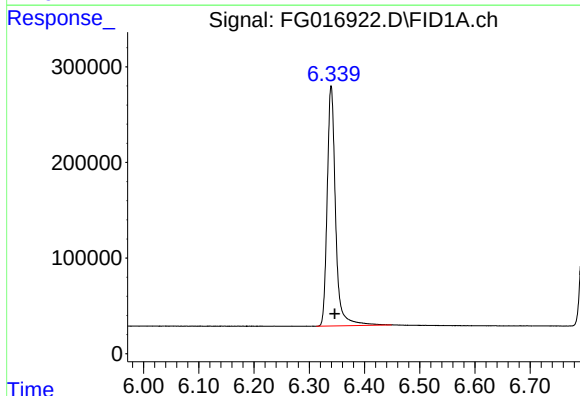
R.T.: 3.360 min
Delta R.T.: -0.006 min
Response: 2448880
Conc: 19.66 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



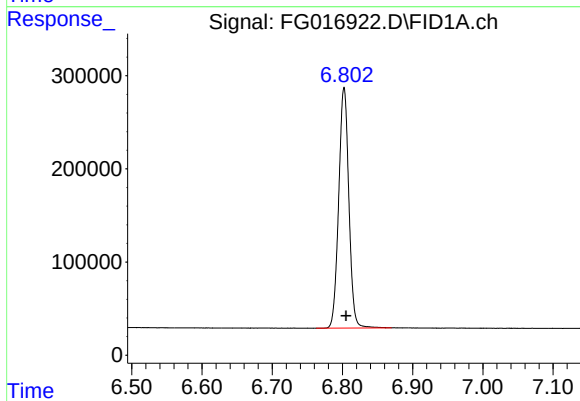
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 2542538
Conc: 19.86 ug/ml



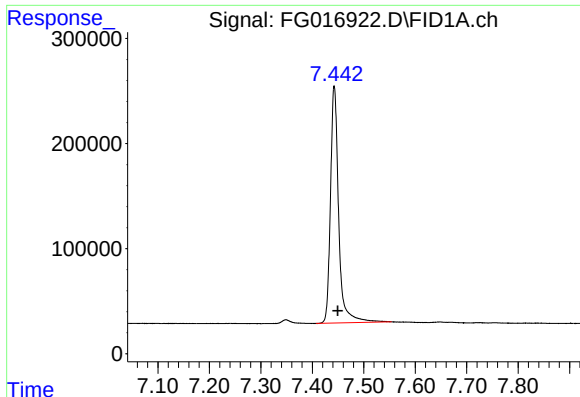
#3 A~Naphthalene (C11.7)

R.T.: 6.340 min
Delta R.T.: -0.006 min
Response: 2647770
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

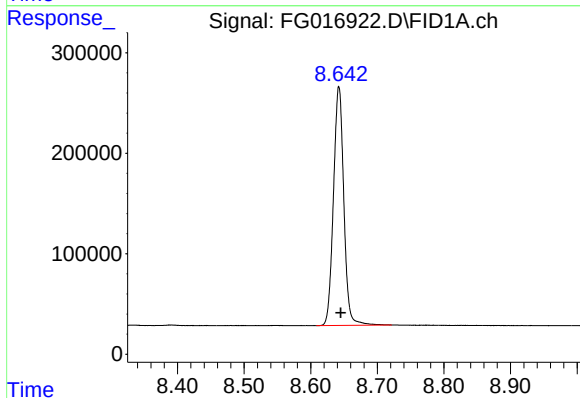
R.T.: 6.802 min
Delta R.T.: -0.003 min
Response: 2595173
Conc: 19.90 ug/ml



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

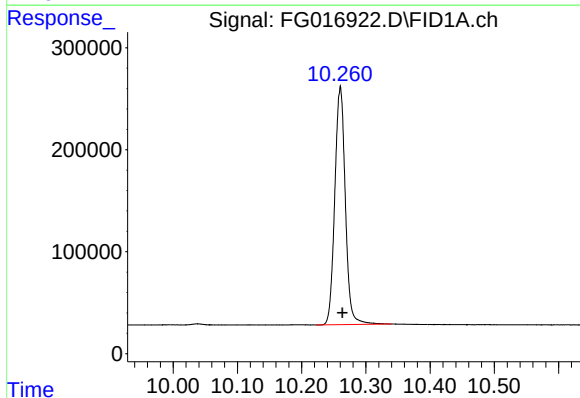
R.T.: 7.443 min
Delta R.T.: -0.007 min
Response: 2493497
Conc: 20.72 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



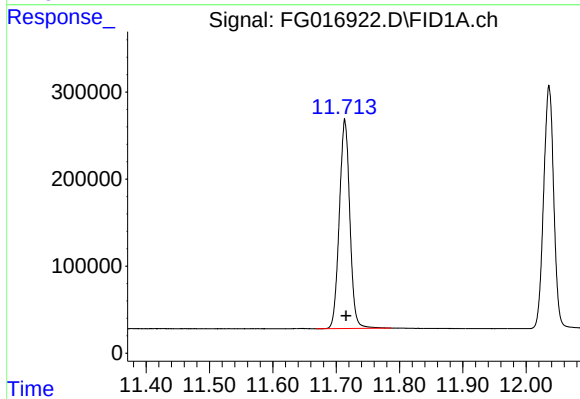
#6 n-Tetradecane (C14)

R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 2569669
Conc: 20.11 ug/ml



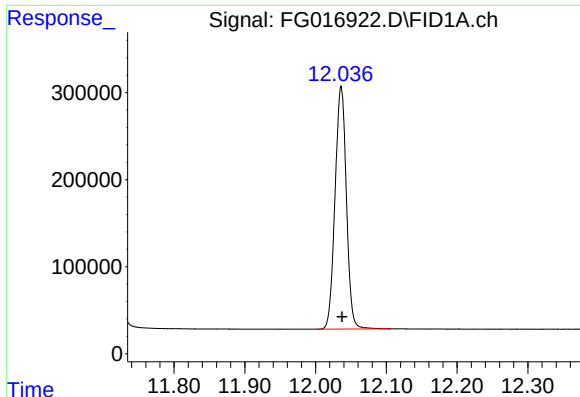
#7 n-Hexadecane (C16)

R.T.: 10.260 min
Delta R.T.: -0.003 min
Response: 2656066
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

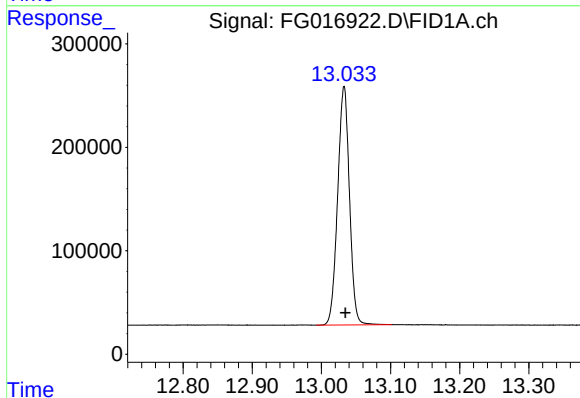
R.T.: 11.714 min
Delta R.T.: -0.002 min
Response: 2763680
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

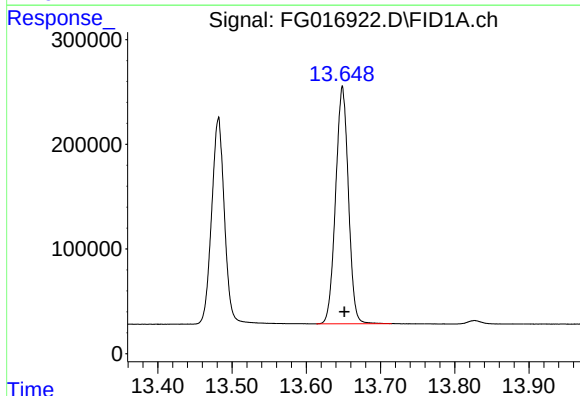
R.T.: 12.036 min
Delta R.T.: -0.001 min
Response: 3104571
Conc: 19.66 ug/ml

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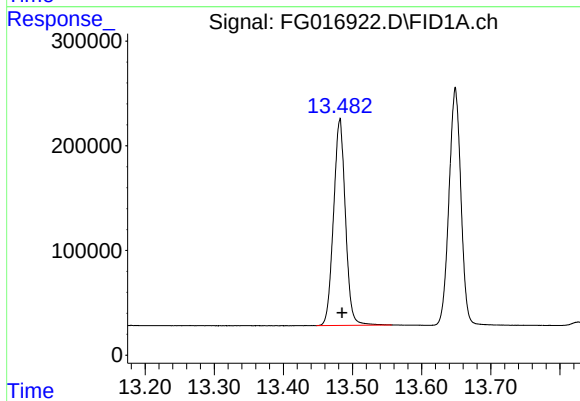
#10 n-Eicosane (C20)

R.T.: 13.033 min
Delta R.T.: -0.002 min
Response: 2736257
Conc: 19.58 ug/ml



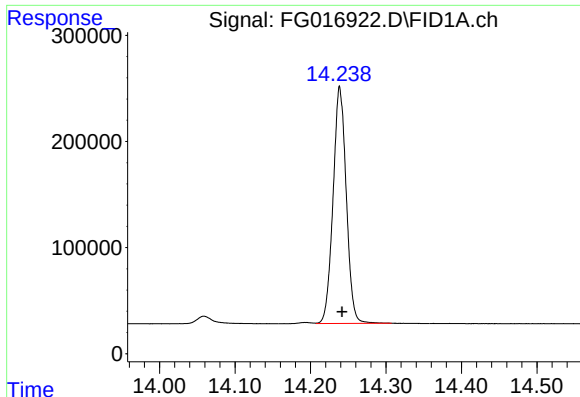
#11 n-Heneicosane (C21)

R.T.: 13.649 min
Delta R.T.: -0.002 min
Response: 2711303
Conc: 19.50 ug/ml



#12 1-chlorooctadecane (SURR)

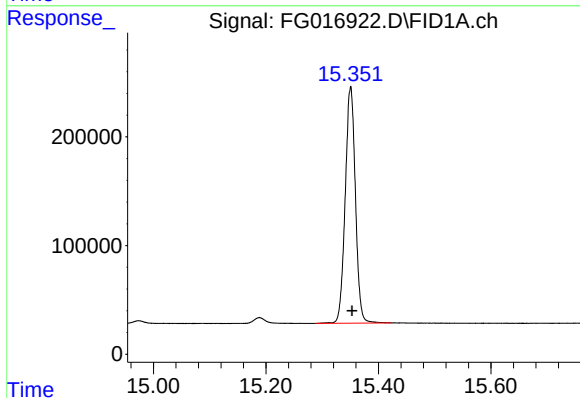
R.T.: 13.482 min
Delta R.T.: -0.003 min
Response: 2351162
Conc: 19.52 ug/ml



#13 n-Docosane (C22)

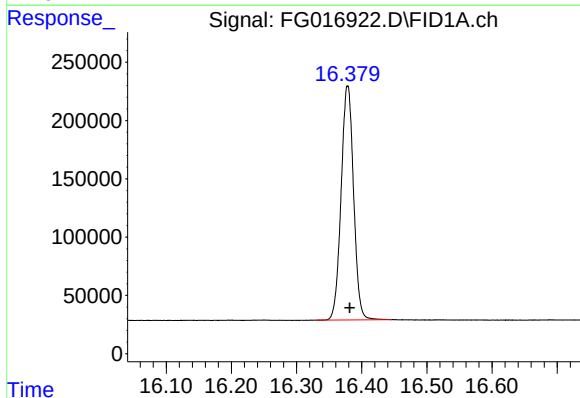
R.T.: 14.239 min
Delta R.T.: -0.003 min
Response: 2712157
Conc: 19.17 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



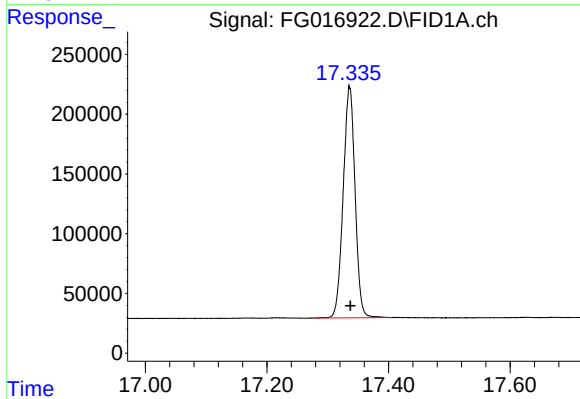
#14 n-Tetracosane (C24)

R.T.: 15.351 min
Delta R.T.: -0.002 min
Response: 2735125
Conc: 18.60 ug/ml



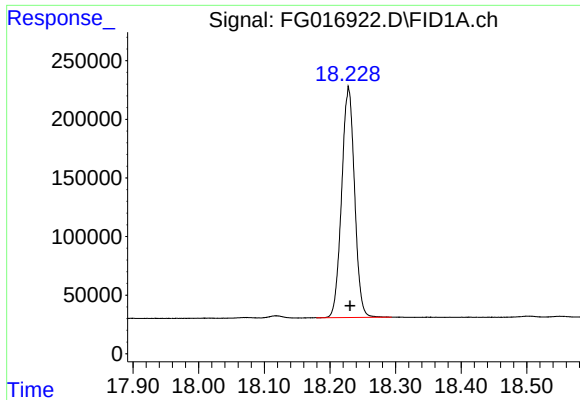
#15 n-Hexacosane (C26)

R.T.: 16.378 min
Delta R.T.: -0.003 min
Response: 2669033
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

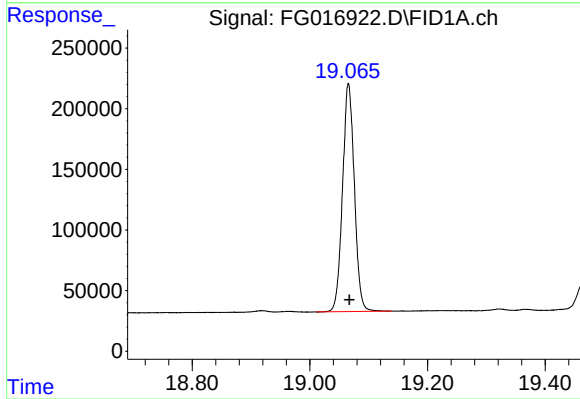
R.T.: 17.336 min
Delta R.T.: -0.002 min
Response: 2623286
Conc: 17.82 ug/ml



#17 n-Tricontane (C30)

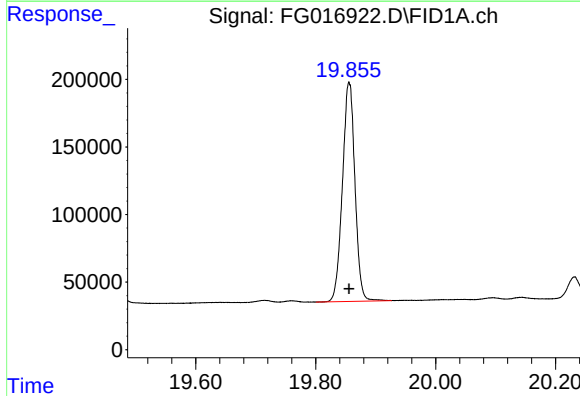
R.T.: 18.228 min
Delta R.T.: -0.002 min
Response: 2689215
Conc: 17.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



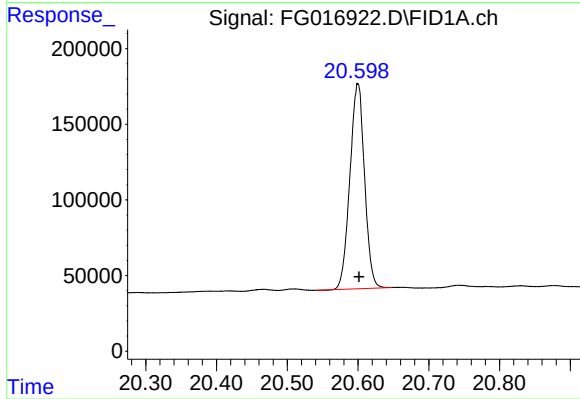
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.002 min
Response: 2629012
Conc: 17.84 ug/ml



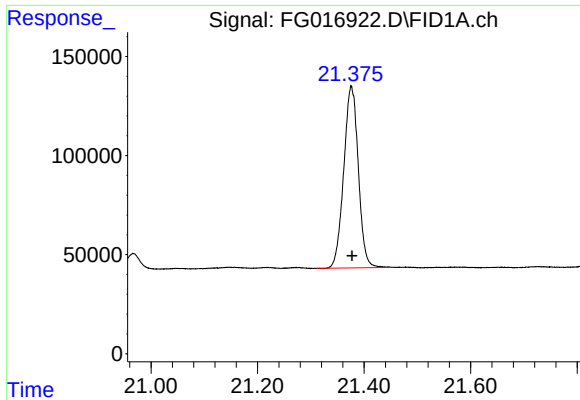
#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 2344734
Conc: 18.20 ug/ml



#20 n-Hexatriacontane (C36)

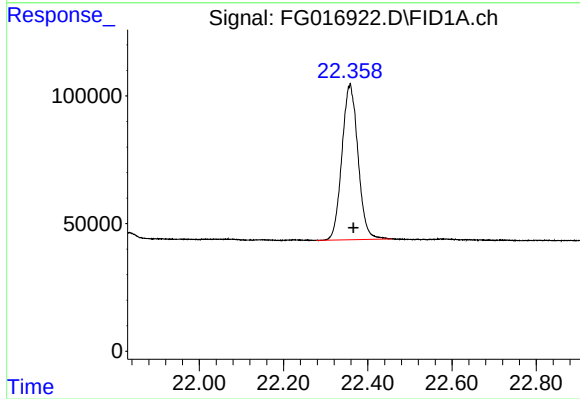
R.T.: 20.600 min
Delta R.T.: -0.002 min
Response: 1950954
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: -0.001 min
Response: 1740228
Conc: 19.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.358 min
Delta R.T.: -0.008 min
Response: 1610428
Conc: 20.57 ug/ml