

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111925AL\
 Data File : FG016950.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2025 12:50
 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: Nov 20 00:41:39 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)	12.032	3507185	22.207 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
12) S 1-chlorooctadecane (S...	13.476	2646163	21.972 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
Target Compounds			
1) T n-Nonane (C9)	3.360	2825814	22.681 ug/ml
2) T n-Decane (C10)	4.620	2897280	22.631 ug/ml
3) T A~Naphthalene (C11.7)	6.337	2993671	22.880 ug/ml
4) T n-Dodecane (C12)	6.799	2953414	22.651 ug/ml
5) T A~2-methylnaphthalene...	7.440	2793520	23.214 ug/ml
6) T n-Tetradecane (C14)	8.639	2918401	22.844 ug/ml
7) T n-Hexadecane (C16)	10.256	3015397	22.820 ug/ml
8) T n-Octadecane (C18)	11.710	3134858	22.495 ug/ml
10) T n-Eicosane (C20)	13.028	3096727	22.154 ug/ml
11) T n-Heneicosane (C21)	13.644	3072189	22.097 ug/ml
13) T n-Docosane (C22)	14.235	3049615	21.555 ug/ml
14) T n-Tetracosane (C24)	15.345	3031171	20.616 ug/ml
15) T n-Hexacosane (C26)	16.373	2960232	20.178 ug/ml
16) T n-Octacosane (C28)	17.330	2893967	19.659 ug/ml
17) T n-Tricontane (C30)	18.222	2929960	19.363 ug/ml
18) T n-Dotriacontane (C32)	19.059	2813791	19.089 ug/ml
19) T n-Tetratriacontane (C34)	19.848	2519684	19.553 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2117734	20.460 ug/ml
21) T n-Octatriacontane (C38)	21.367	1912740	21.696 ug/ml
22) T n-Tetracontane (C40)	22.347	1759342	22.469 ug/ml

(f)=RT Delta > 1/2 Window

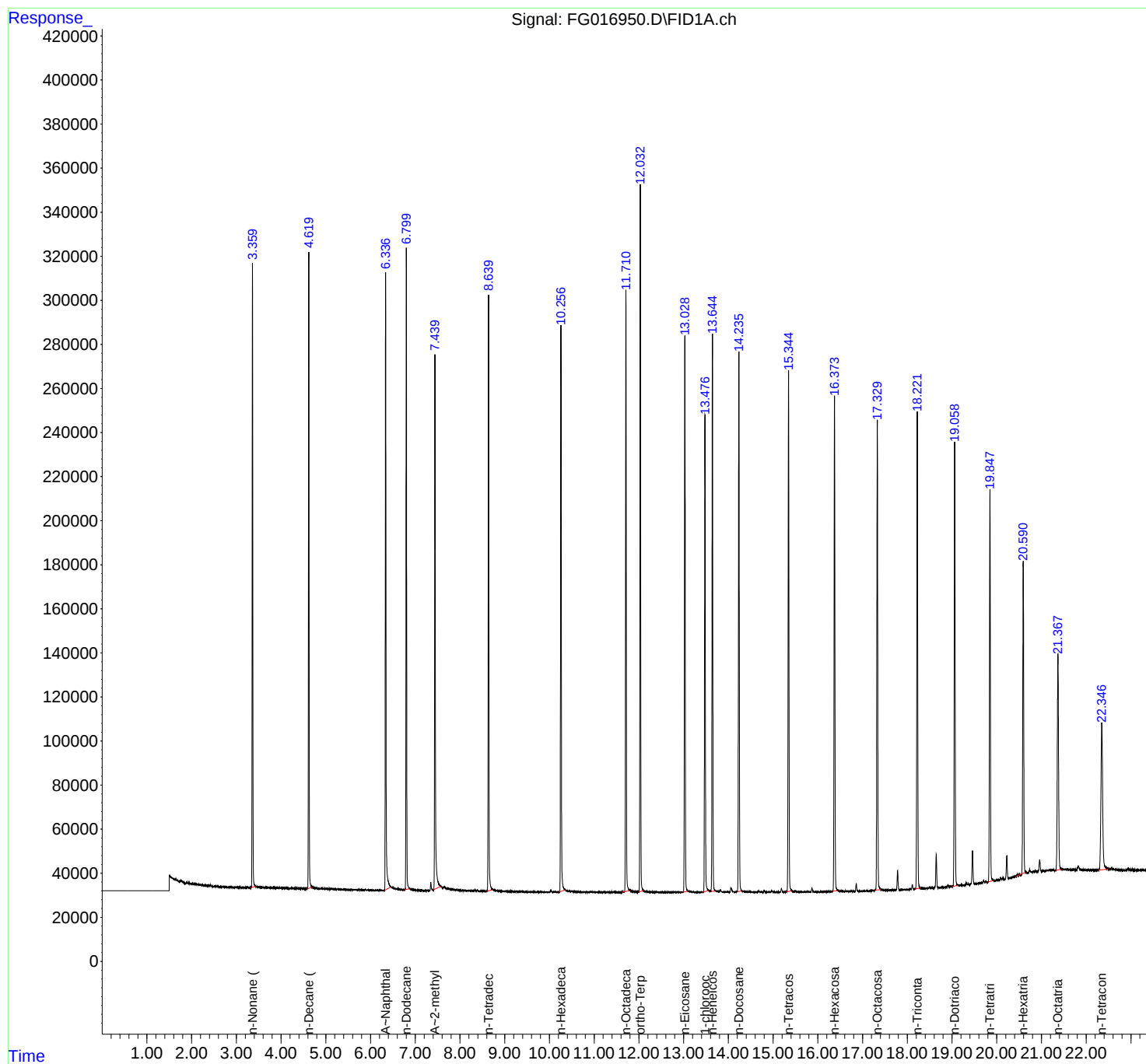
(m)=manual int.

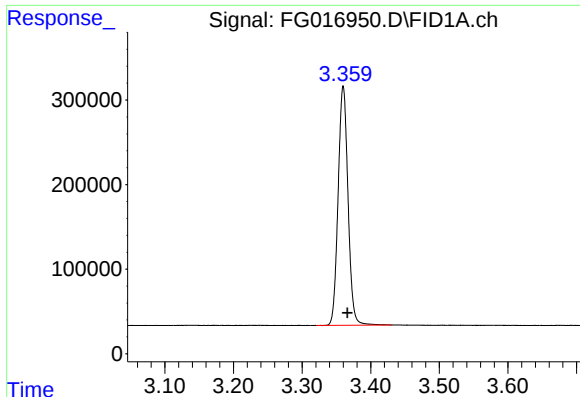
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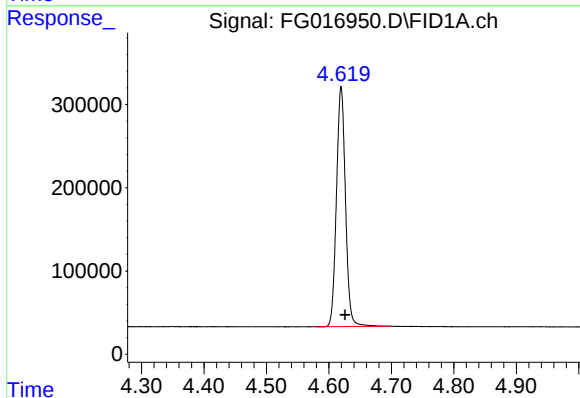




#1 n-Nonane (C9)

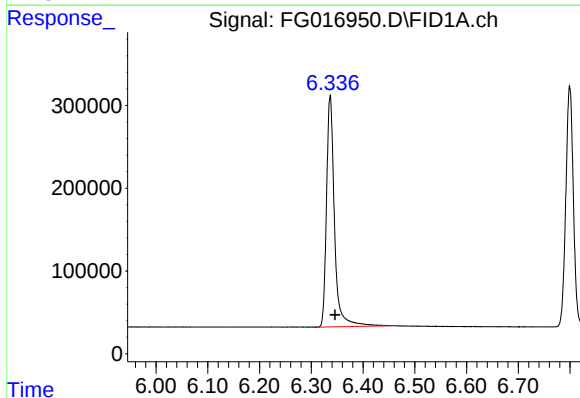
R.T.: 3.360 min
Delta R.T.: -0.006 min
Response: 2825814
Conc: 22.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



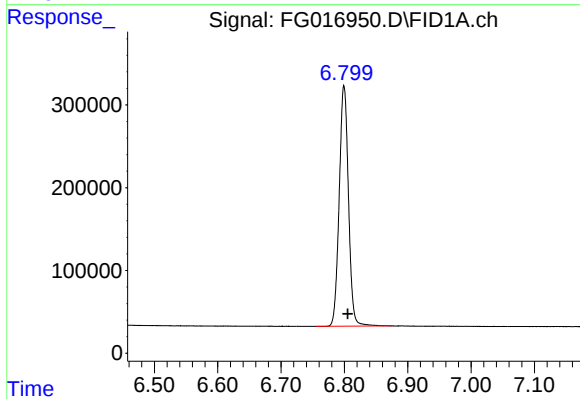
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 2897280
Conc: 22.63 ug/ml



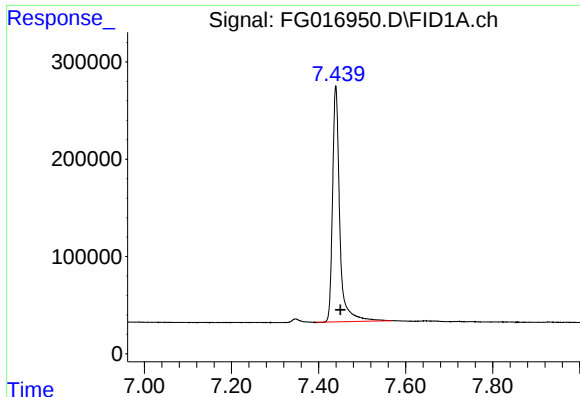
#3 A~Naphthalene (C11.7)

R.T.: 6.337 min
Delta R.T.: -0.010 min
Response: 2993671
Conc: 22.88 ug/ml



#4 n-Dodecane (C12)

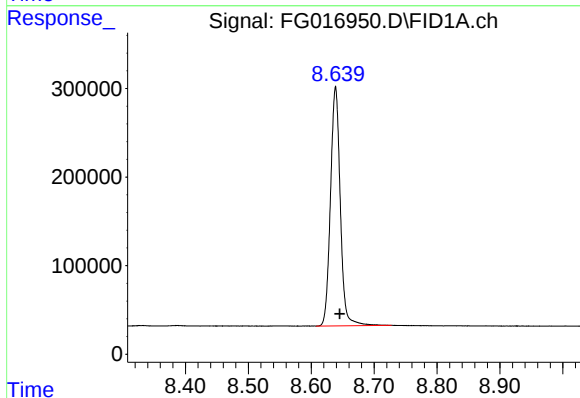
R.T.: 6.799 min
Delta R.T.: -0.006 min
Response: 2953414
Conc: 22.65 ug/ml



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

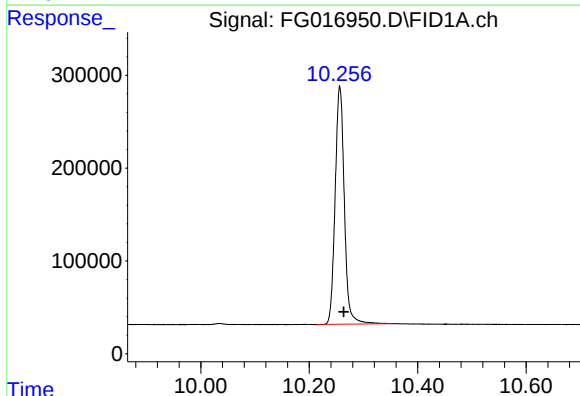
R.T.: 7.440 min
Delta R.T.: -0.010 min
Response: 2793520
Conc: 23.21 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



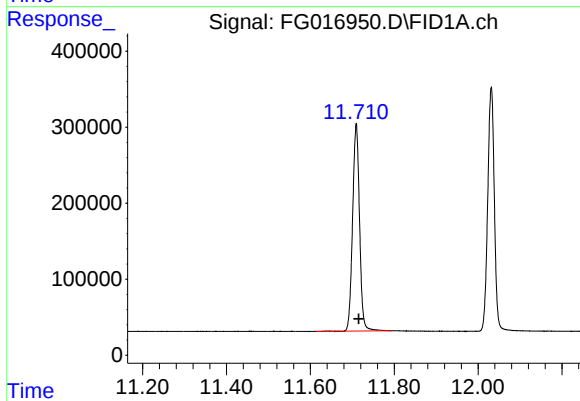
#6 n-Tetradecane (C14)

R.T.: 8.639 min
Delta R.T.: -0.006 min
Response: 2918401
Conc: 22.84 ug/ml



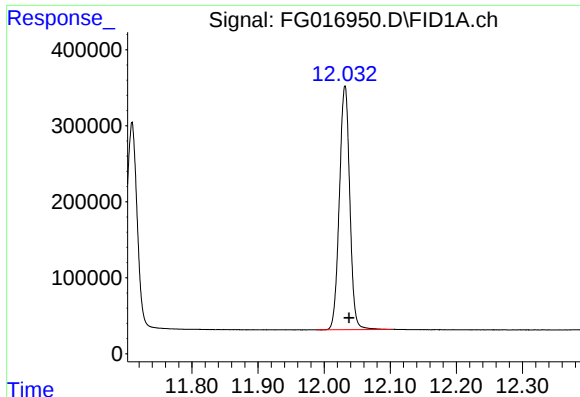
#7 n-Hexadecane (C16)

R.T.: 10.256 min
Delta R.T.: -0.007 min
Response: 3015397
Conc: 22.82 ug/ml



#8 n-Octadecane (C18)

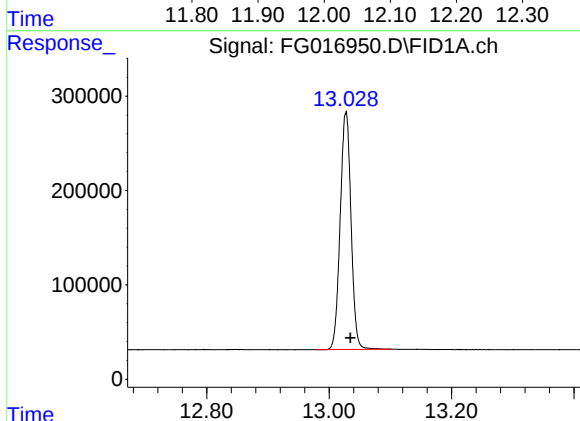
R.T.: 11.710 min
Delta R.T.: -0.006 min
Response: 3134858
Conc: 22.50 ug/ml



#9 ortho-Terphenyl (SURR)

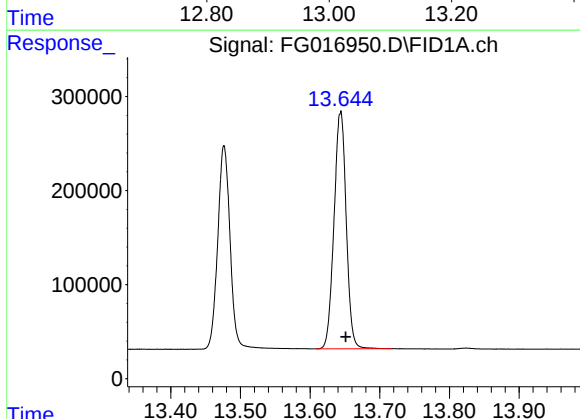
R.T.: 12.032 min
Delta R.T.: -0.006 min
Response: 3507185
Conc: 22.21 ug/ml

Instrument :
FID_G
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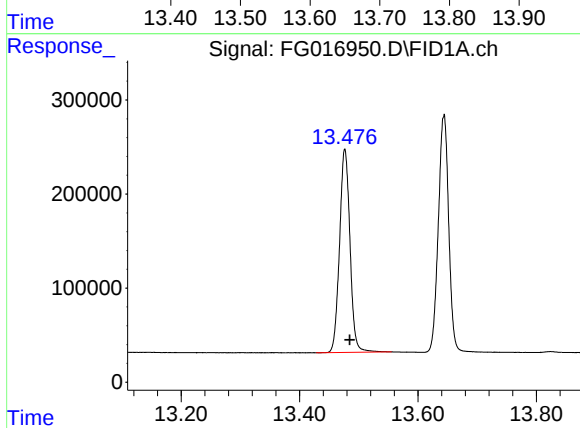
#10 n-Eicosane (C20)

R.T.: 13.028 min
Delta R.T.: -0.007 min
Response: 3096727
Conc: 22.15 ug/ml



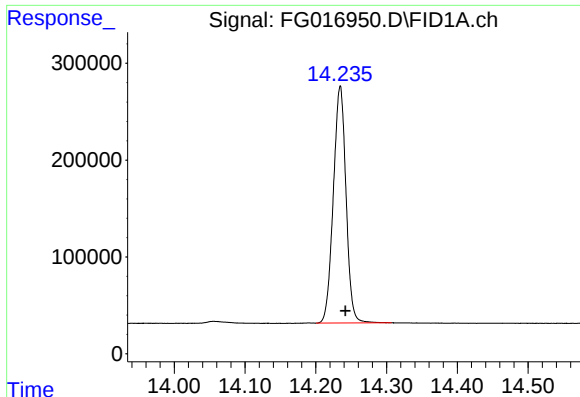
#11 n-Heneicosane (C21)

R.T.: 13.644 min
Delta R.T.: -0.007 min
Response: 3072189
Conc: 22.10 ug/ml



#12 1-chlorooctadecane (SURR)

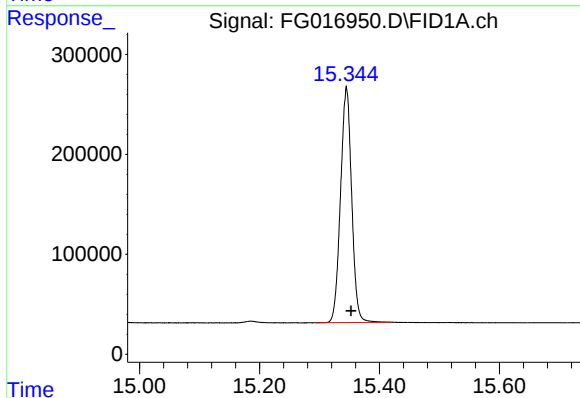
R.T.: 13.476 min
Delta R.T.: -0.009 min
Response: 2646163
Conc: 21.97 ug/ml



#13 n-Docosane (C22)

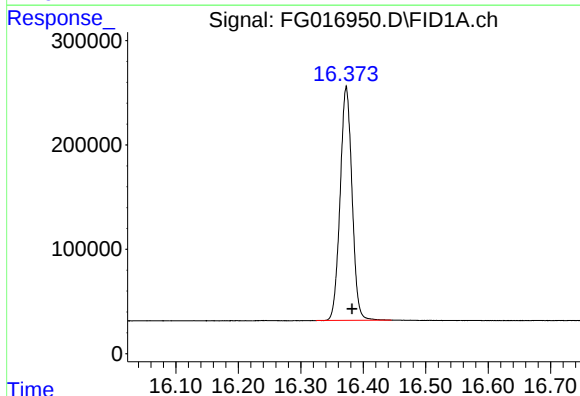
R.T.: 14.235 min
Delta R.T.: -0.007 min
Response: 3049615
Conc: 21.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



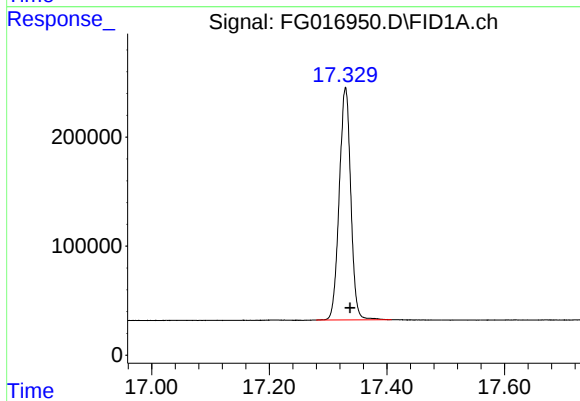
#14 n-Tetracosane (C24)

R.T.: 15.345 min
Delta R.T.: -0.008 min
Response: 3031171
Conc: 20.62 ug/ml



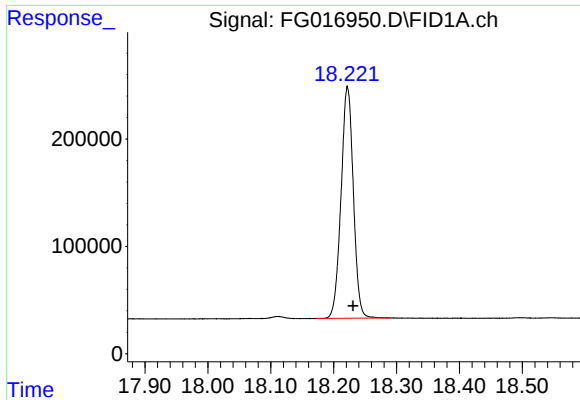
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.009 min
Response: 2960232
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

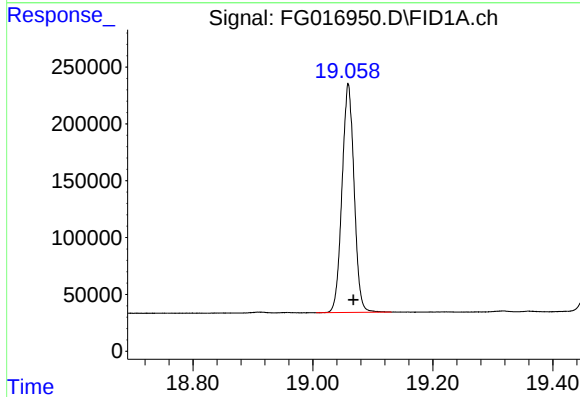
R.T.: 17.330 min
Delta R.T.: -0.008 min
Response: 2893967
Conc: 19.66 ug/ml



#17 n-Tricontane (C30)

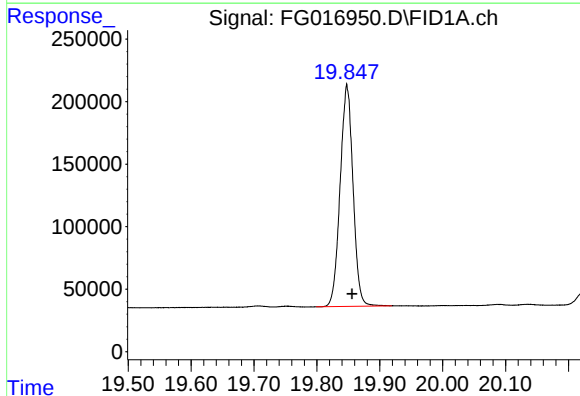
R.T.: 18.222 min
Delta R.T.: -0.009 min
Response: 2929960
Conc: 19.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



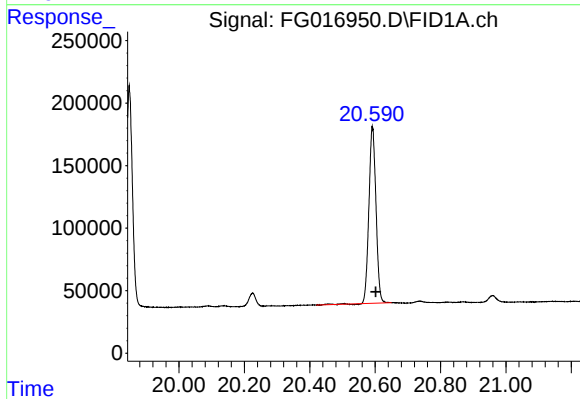
#18 n-Dotriacontane (C32)

R.T.: 19.059 min
Delta R.T.: -0.008 min
Response: 2813791
Conc: 19.09 ug/ml



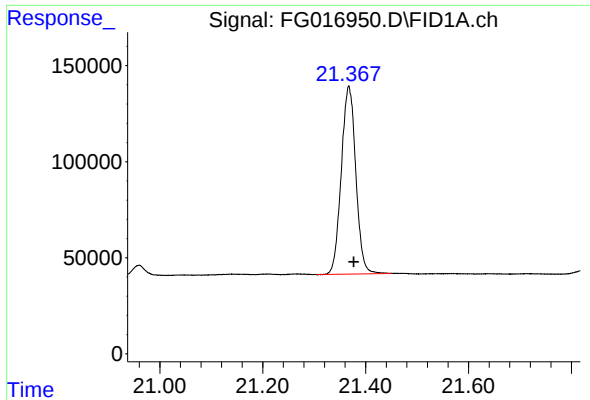
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.008 min
Response: 2519684
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

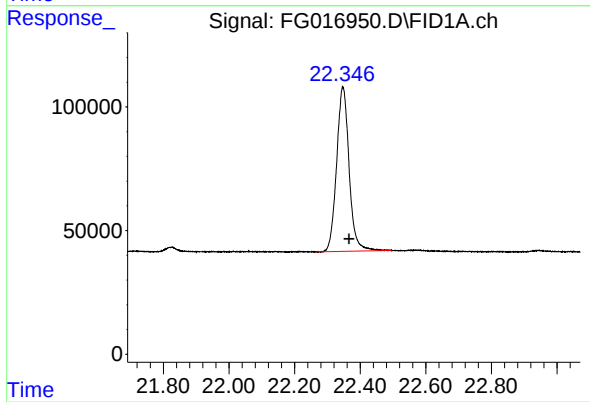
R.T.: 20.592 min
Delta R.T.: -0.010 min
Response: 2117734
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.367 min
Delta R.T.: -0.010 min
Response: 1912740
Conc: 21.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.347 min
Delta R.T.: -0.019 min
Response: 1759342
Conc: 22.47 ug/ml