

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111423AL\
 Data File : FC065137.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2023 13:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 21:28:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.508	4463470	20.281 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.940	3217106	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.308	3774065	19.962 ug/ml
2) T n-Decane (C10)	4.368	3877918	20.395 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3677514	19.047 ug/ml
4) T n-Dodecane (C12)	6.378	3903444	20.207 ug/ml
5) T A~2-methylnaphthalene...	7.002	3482527	18.951 ug/ml
6) T n-Tetradecane (C14)	8.166	3797213	20.124 ug/ml
7) T n-Hexadecane (C16)	9.759	3833478	20.280 ug/ml
8) T n-Octadecane (C18)	11.195	3841463	20.354 ug/ml
10) T n-Eicosane (C20)	12.497	3666640	20.395 ug/ml
11) T n-Heneicosane (C21)	13.106	3577999	20.379 ug/ml
13) T n-Docosane (C22)	13.690	3496039	20.353 ug/ml
14) T n-Tetracosane (C24)	14.787	3405988	20.449 ug/ml
15) T n-Hexacosane (C26)	15.803	3292670	20.514 ug/ml
16) T n-Octacosane (C28)	16.748	3265453	20.865 ug/ml
17) T n-Tricontane (C30)	17.631	3407004	21.510 ug/ml
18) T n-Dotriacontane (C32)	18.461	3422867	21.678 ug/ml
19) T n-Tetratriacontane (C34)	19.240	3263219	21.379 ug/ml
20) T n-Hexatriacontane (C36)	19.976	3137366	20.794 ug/ml
21) T n-Octatriacontane (C38)	20.695	3044752	20.460 ug/ml
22) T n-Tetracontane (C40)	21.572	2955817	20.097 ug/ml

(f)=RT Delta > 1/2 Window

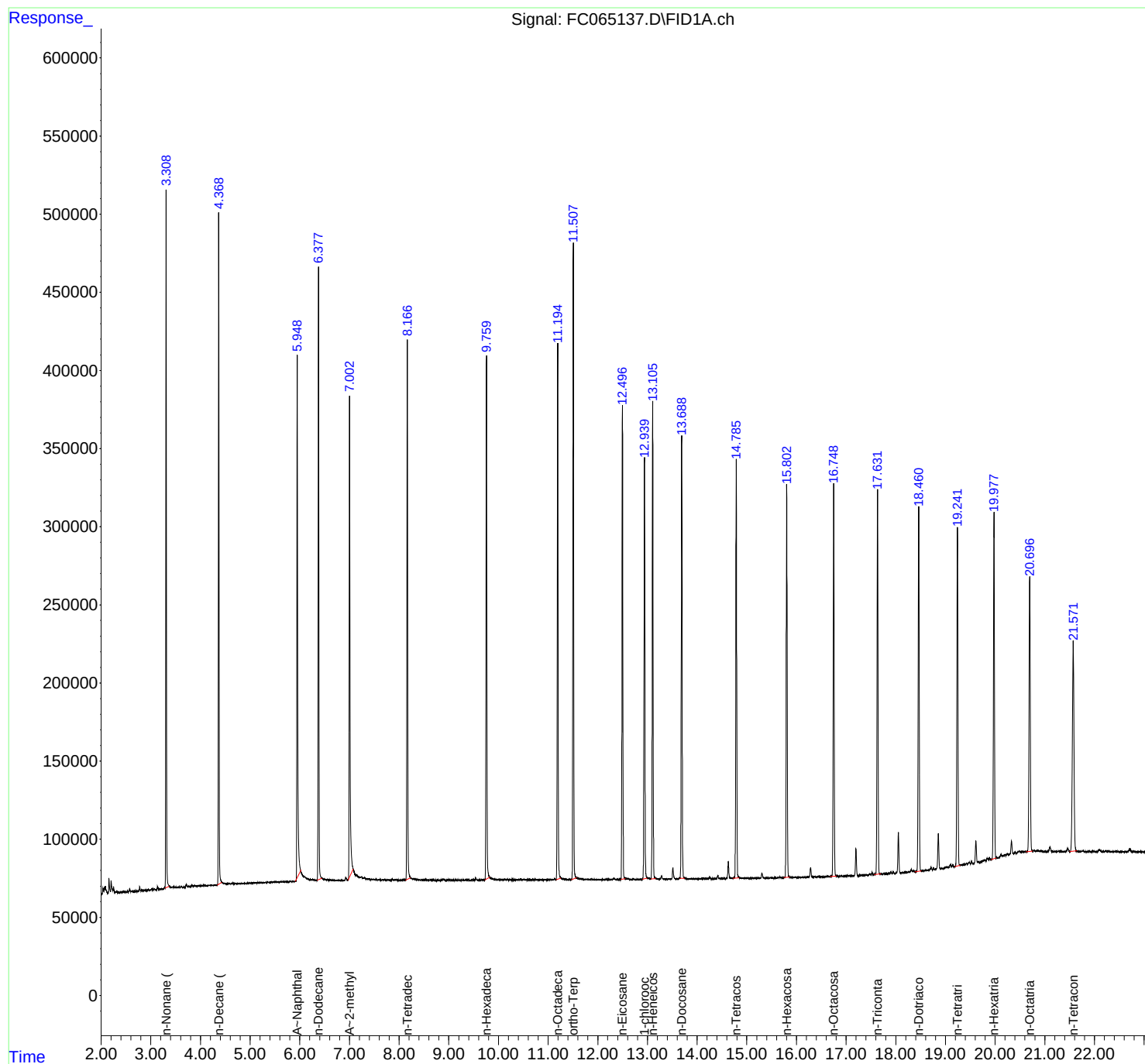
(m)=manual int.

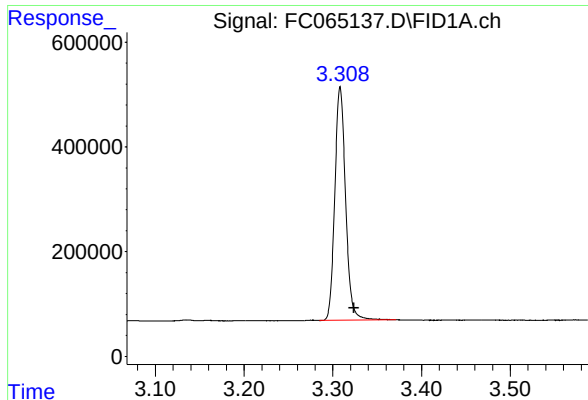
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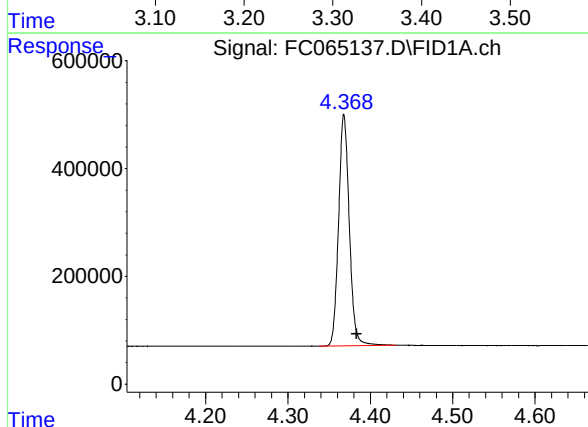




#1 n-Nonane (C9)

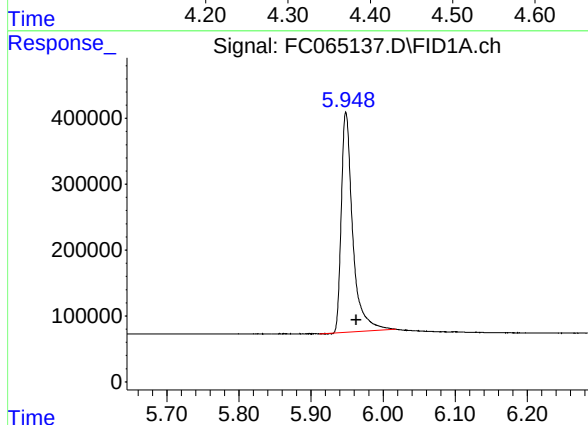
R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 3774065
Conc: 19.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



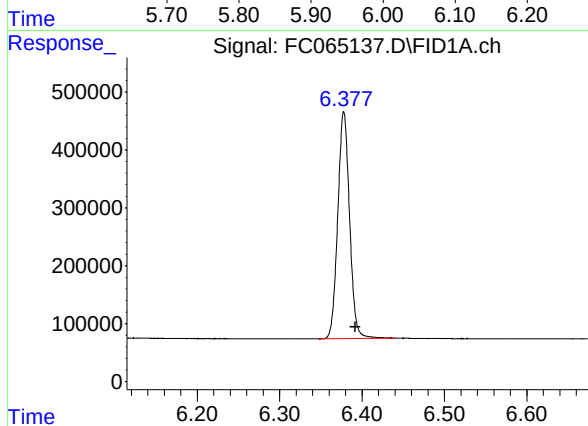
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 3877918
Conc: 20.39 ug/ml



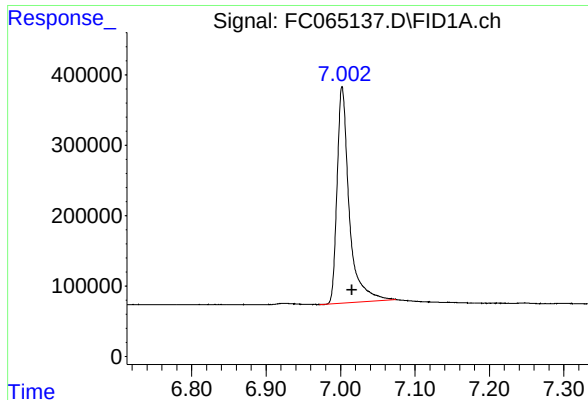
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 3677514
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

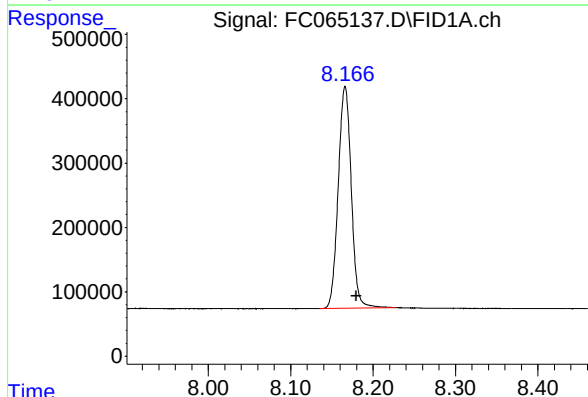
R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 3903444
Conc: 20.21 ug/ml



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

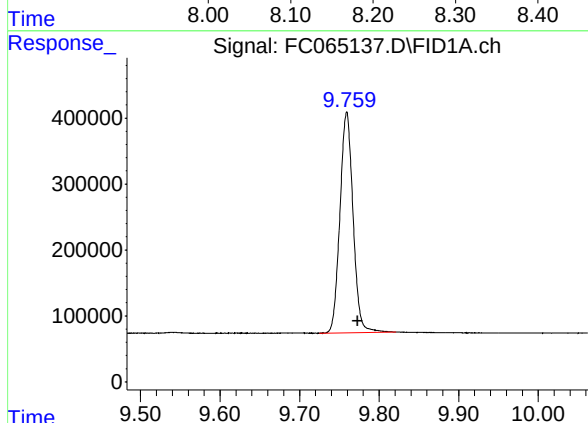
R.T.: 7.002 min
Delta R.T.: -0.013 min
Response: 3482527
Conc: 18.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



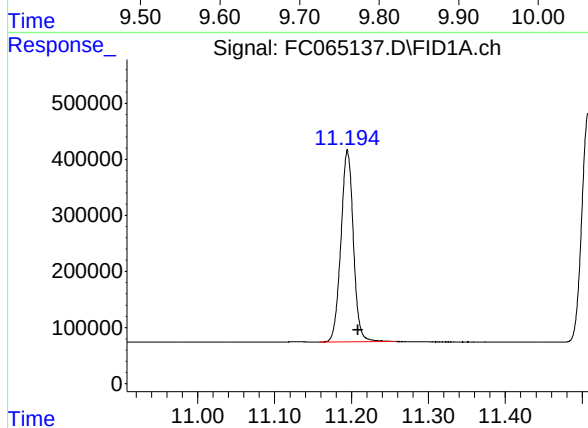
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 3797213
Conc: 20.12 ug/ml



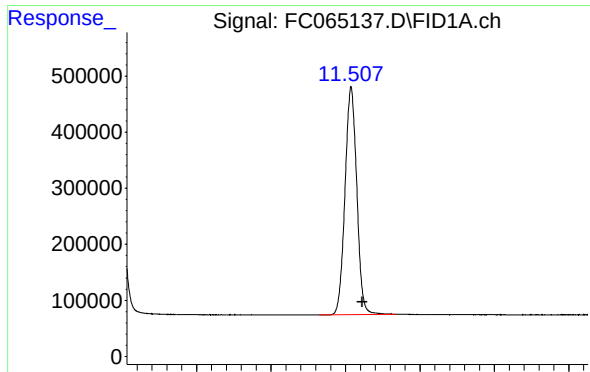
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.014 min
Response: 3833478
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

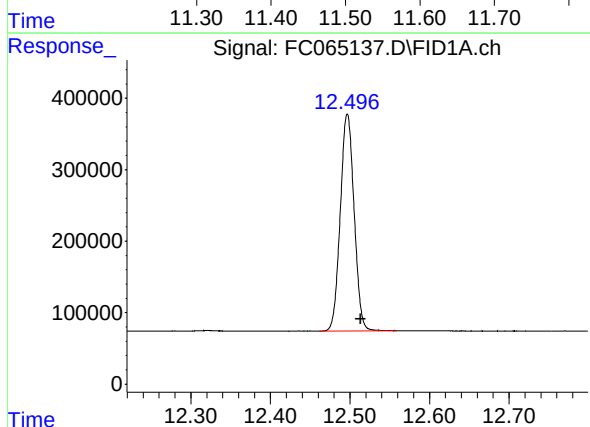
R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 3841463
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

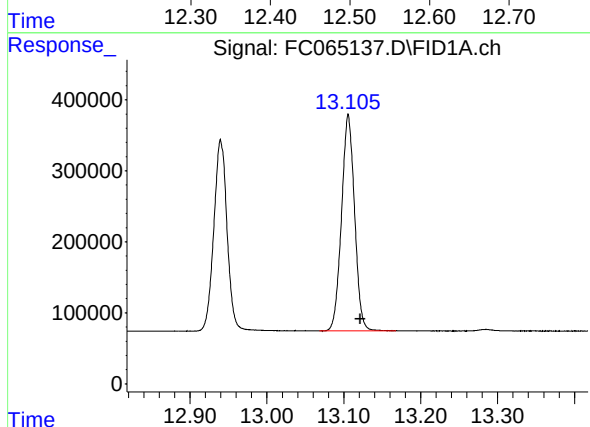
R.T.: 11.508 min
Delta R.T.: -0.015 min
Response: 4463470
Conc: 20.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



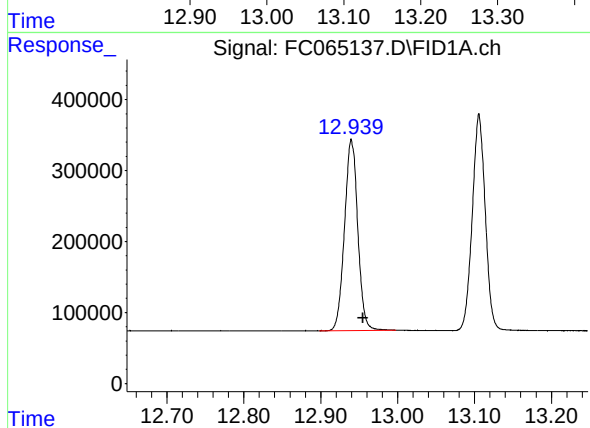
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.017 min
Response: 3666640
Conc: 20.40 ug/ml



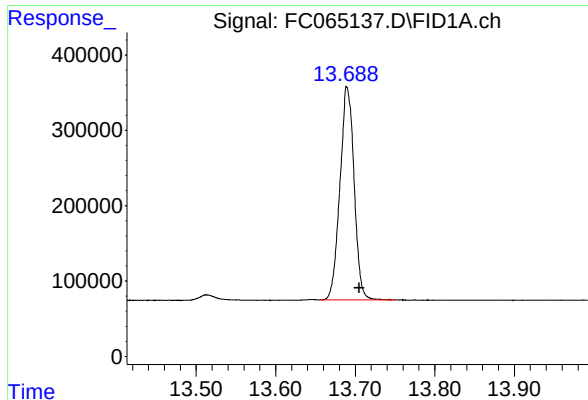
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.016 min
Response: 3577999
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

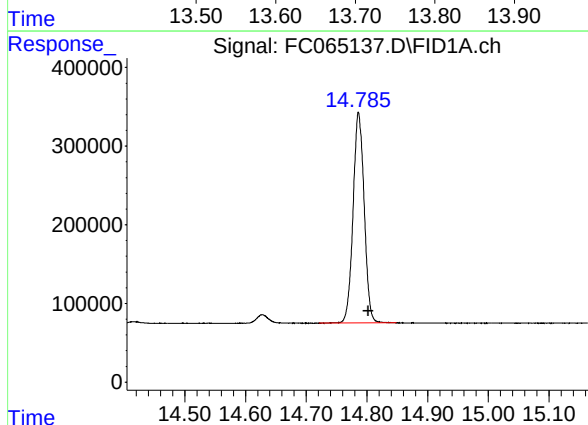
R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 3217106
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

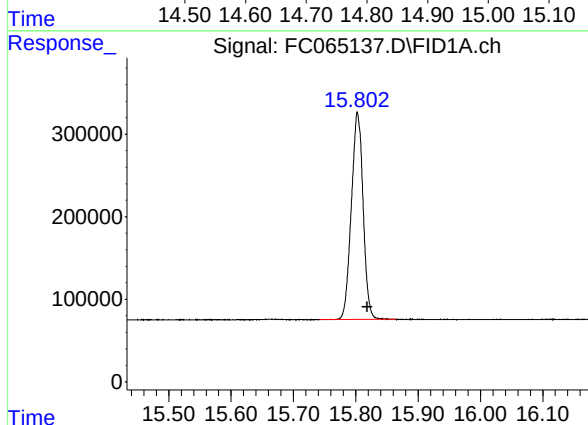
R.T.: 13.690 min
Delta R.T.: -0.015 min
Response: 3496039
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



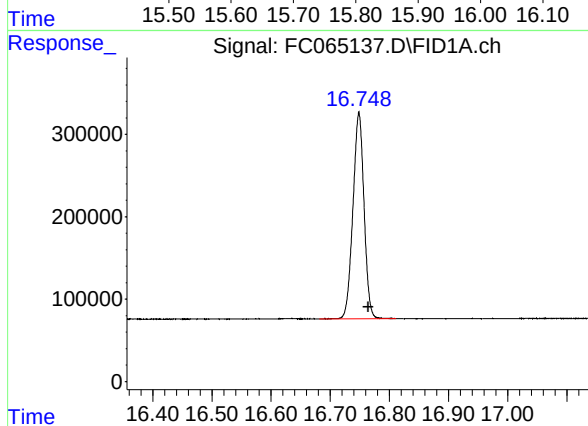
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.016 min
Response: 3405988
Conc: 20.45 ug/ml



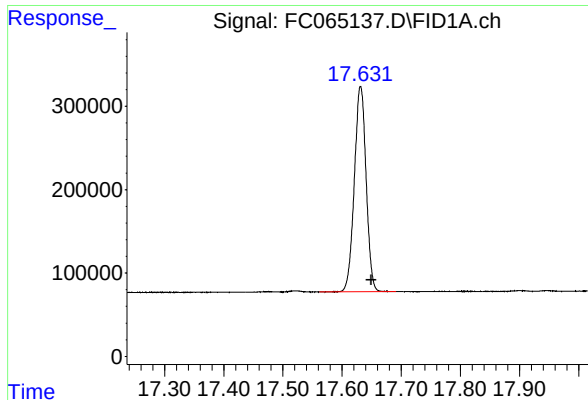
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.015 min
Response: 3292670
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

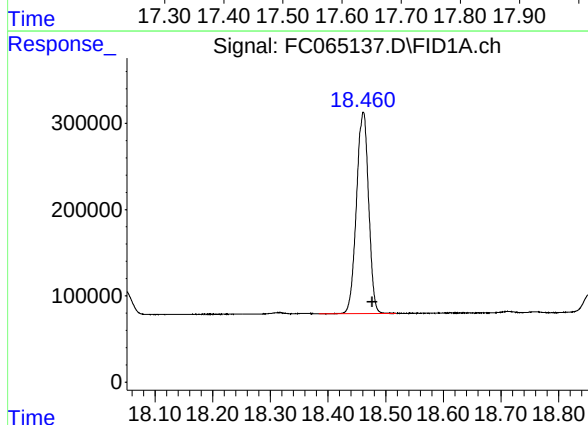
R.T.: 16.748 min
Delta R.T.: -0.016 min
Response: 3265453
Conc: 20.87 ug/ml



#17 n-Tricontane (C30)

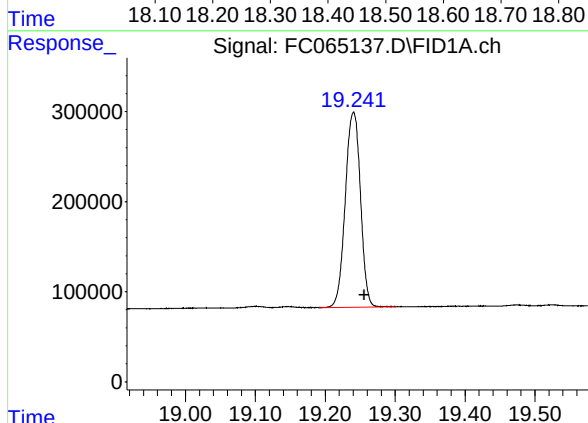
R.T.: 17.631 min
Delta R.T.: -0.018 min
Response: 3407004
Conc: 21.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



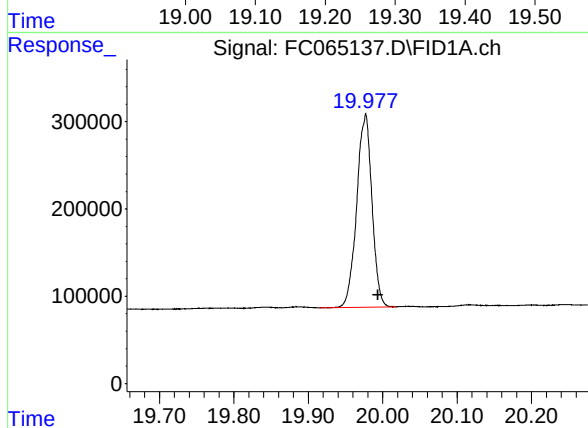
#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: -0.016 min
Response: 3422867
Conc: 21.68 ug/ml



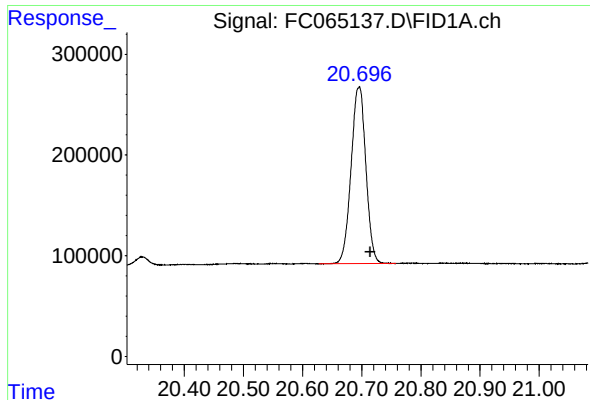
#19 n-Tetatriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.015 min
Response: 3263219
Conc: 21.38 ug/ml



#20 n-Hexatriacontane (C36)

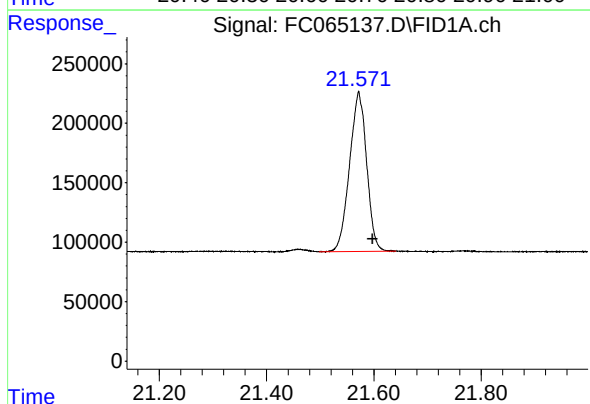
R.T.: 19.976 min
Delta R.T.: -0.017 min
Response: 3137366
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: -0.019 min
Response: 3044752
Conc: 20.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.026 min
Response: 2955817
Conc: 20.10 ug/ml