

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067165.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 01:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 04:07:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.504	3328669	23.905 ug/ml
Spiked Amount 50.000		Recovery =	47.81%
12) S 1-chlorooctadecane (S...	12.943	2454835	25.130 ug/ml
Spiked Amount 50.000		Recovery =	50.26%
Target Compounds			
1) T n-Nonane (C9)	3.277	3103003	23.393 ug/ml
2) T n-Decane (C10)	4.343	3181738	23.690 ug/ml
3) T A~Naphthalene (C11.7)	5.922	3378500	23.771 ug/ml
4) T n-Dodecane (C12)	6.360	3185306	23.797 ug/ml
5) T A~2-methylnaphthalene...	6.978	3210579	24.043 ug/ml
6) T n-Tetradecane (C14)	8.153	3107835	24.115 ug/ml
7) T n-Hexadecane (C16)	9.753	3141823	24.369 ug/ml
8) T n-Octadecane (C18)	11.193	3132735	24.486 ug/ml
10) T n-Eicosane (C20)	12.501	2937241	24.454 ug/ml
11) T n-Heneicosane (C21)	13.112	2864168	24.523 ug/ml
13) T n-Docosane (C22)	13.697	2819596	24.421 ug/ml
14) T n-Tetracosane (C24)	14.799	2800614	24.662 ug/ml
15) T n-Hexacosane (C26)	15.819	2740045	24.723 ug/ml
16) T n-Octacosane (C28)	16.768	2732253	25.294 ug/ml
17) T n-Tricontane (C30)	17.655	2843596	26.142 ug/ml
18) T n-Dotriacontane (C32)	18.486	2767199	26.530 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2460261	26.667 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2108294	26.604 ug/ml
21) T n-Octatriacontane (C38)	20.731	1913475	25.474 ug/ml
22) T n-Tetracontane (C40)	21.623	1788438	25.599 ug/ml

(f)=RT Delta > 1/2 Window

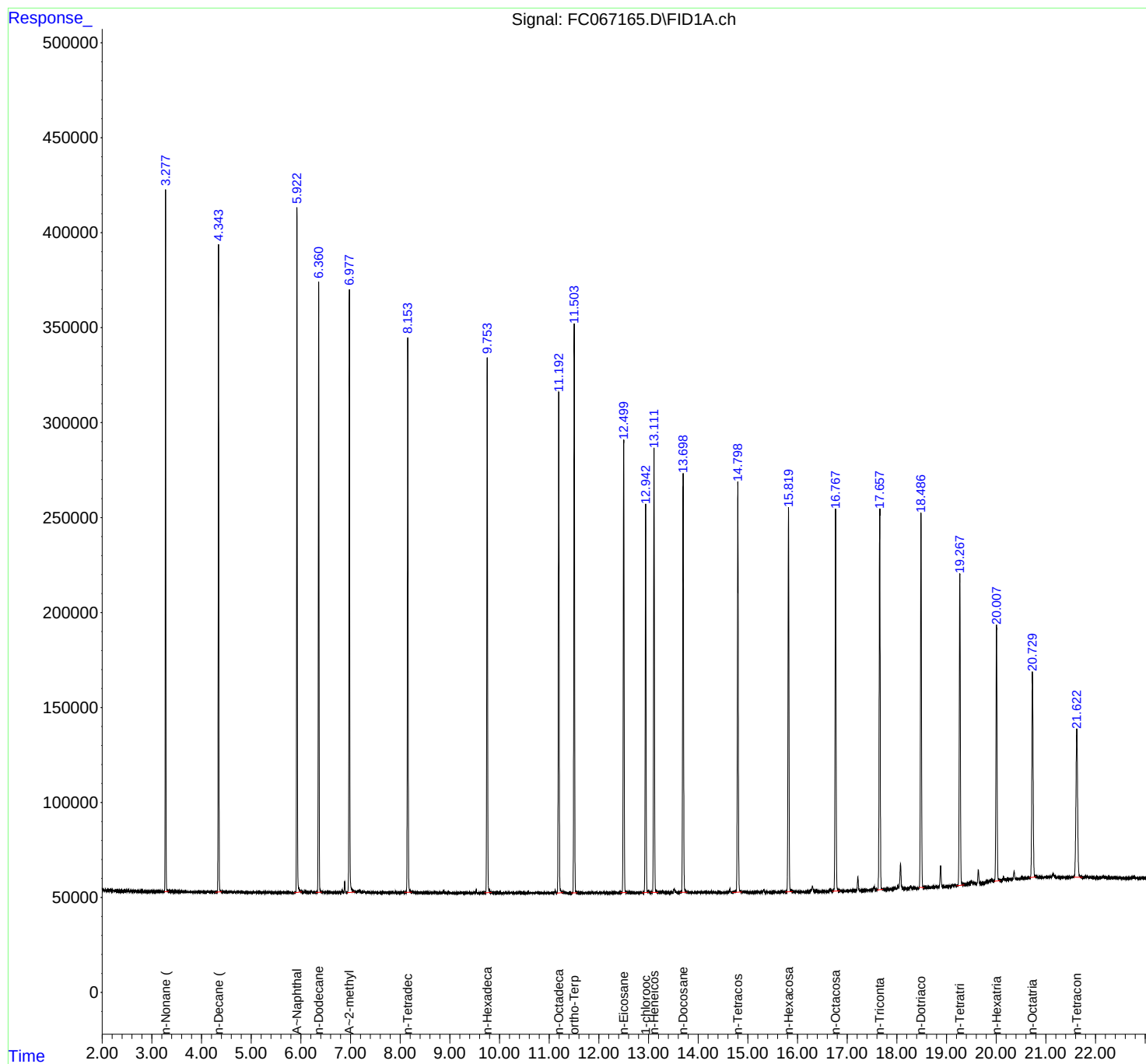
(m)=manual int.

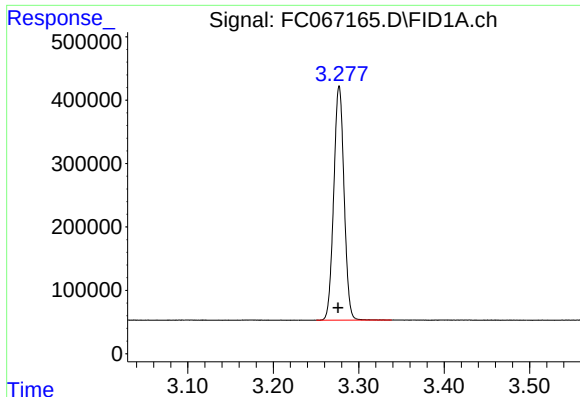
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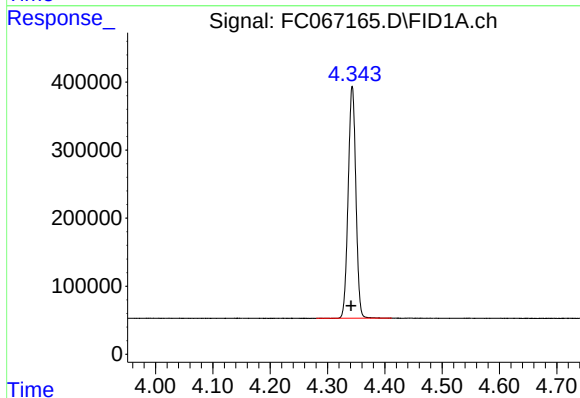




#1 n-Nonane (C9)

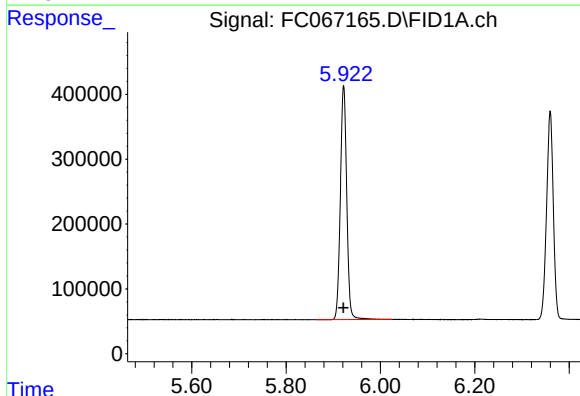
R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 3103003
Conc: 23.39 ug/ml

Instrument :
FID_C
ClientSampleId :



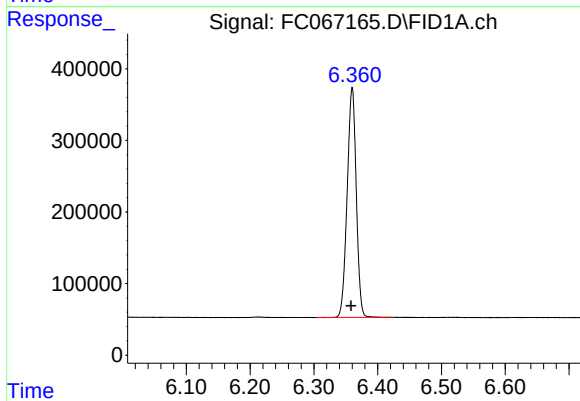
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 3181738
Conc: 23.69 ug/ml



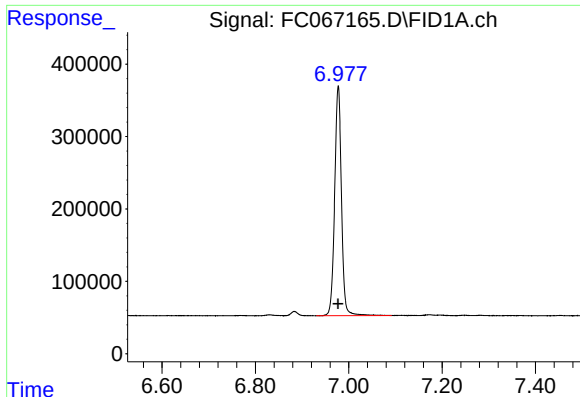
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 3378500
Conc: 23.77 ug/ml



#4 n-Dodecane (C12)

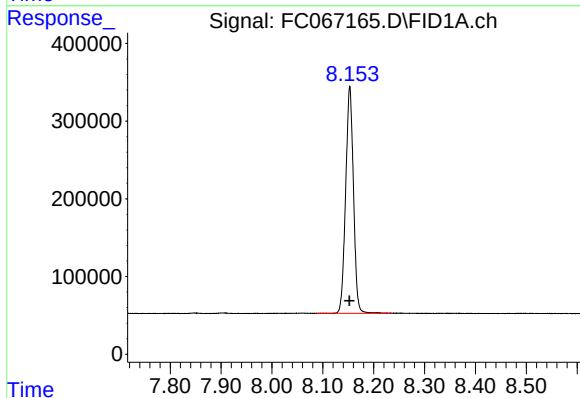
R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 3185306
Conc: 23.80 ug/ml



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

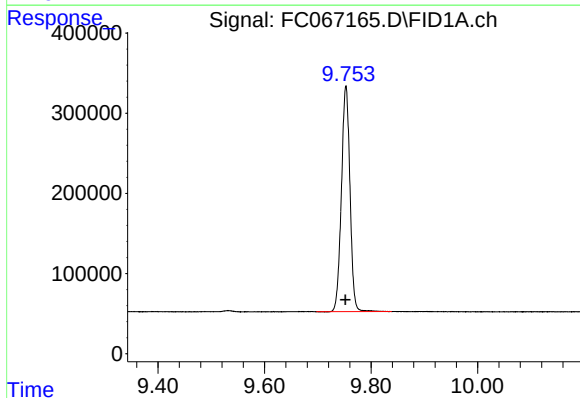
R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 3210579
Conc: 24.04 ug/ml

Instrument :
FID_C
ClientSampleId :



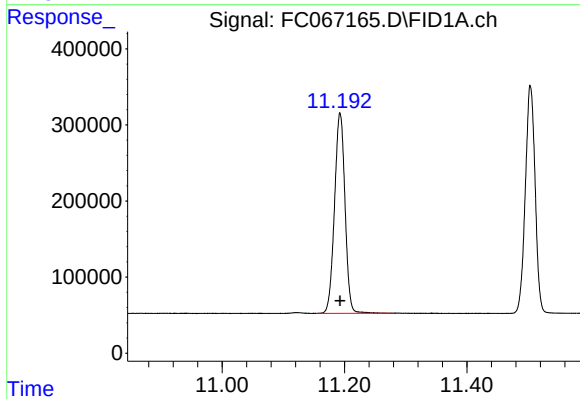
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 3107835
Conc: 24.11 ug/ml



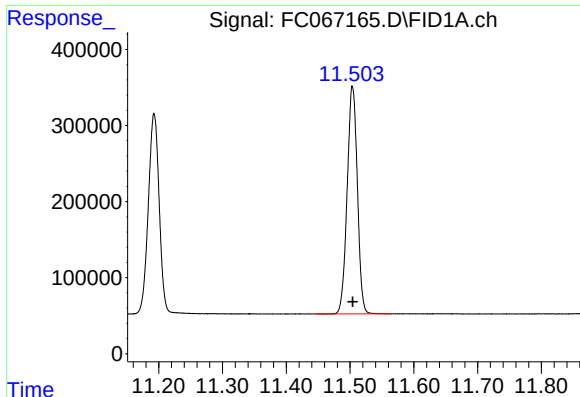
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 3141823
Conc: 24.37 ug/ml



#8 n-Octadecane (C18)

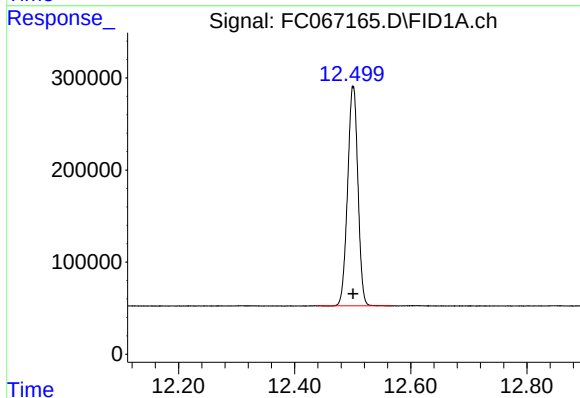
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 3132735
Conc: 24.49 ug/ml



#9 ortho-Terphenyl (SURR)

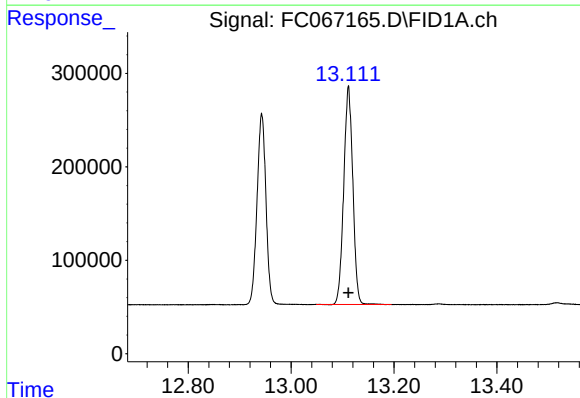
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 3328669
Conc: 23.91 ug/ml

Instrument :
FID_C
ClientSampleId :



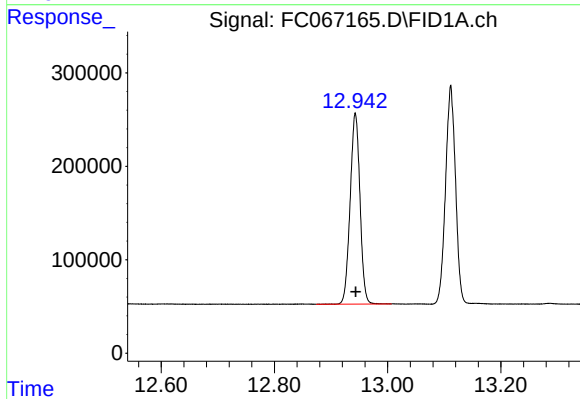
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 2937241
Conc: 24.45 ug/ml



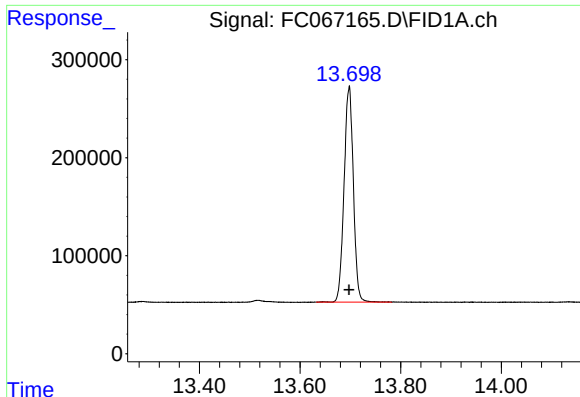
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 2864168
Conc: 24.52 ug/ml



#12 1-chlorooctadecane (SURR)

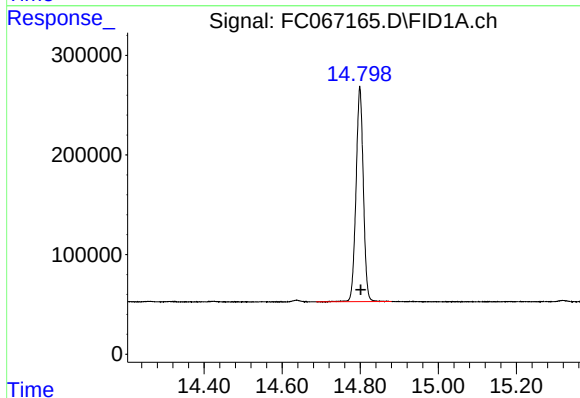
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 2454835
Conc: 25.13 ug/ml



#13 n-Docosane (C22)

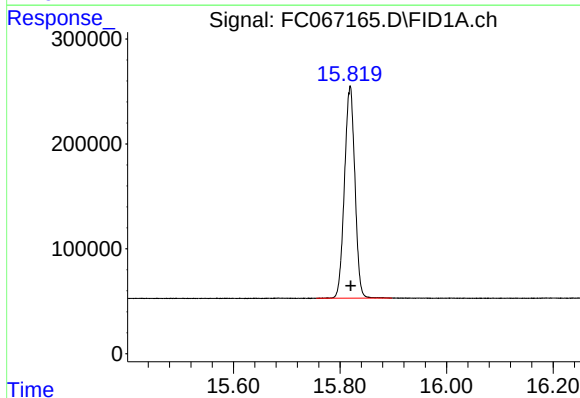
R.T.: 13.697 min
Delta R.T.: 0.000 min
Response: 2819596
Conc: 24.42 ug/ml

Instrument :
FID_C
ClientSampleId :



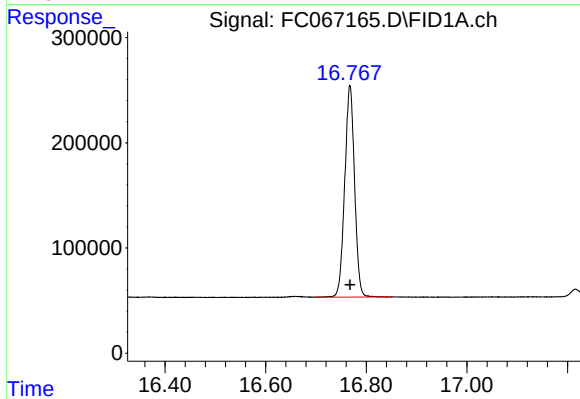
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.002 min
Response: 2800614
Conc: 24.66 ug/ml



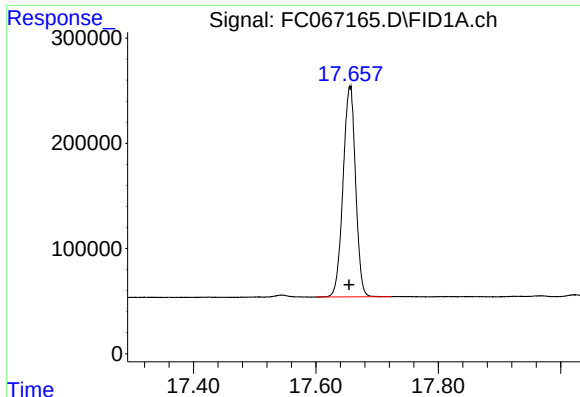
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 2740045
Conc: 24.72 ug/ml



#16 n-Octacosane (C28)

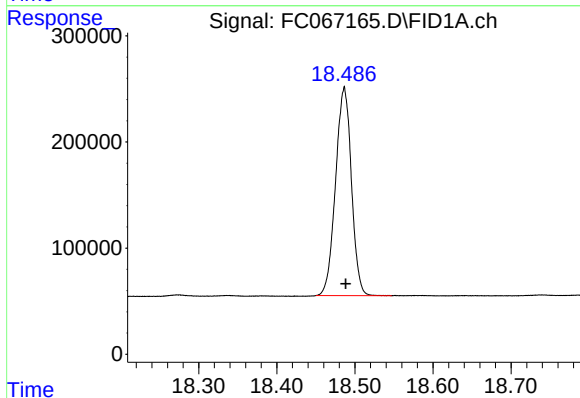
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 2732253
Conc: 25.29 ug/ml



#17 n-Tricontane (C30)

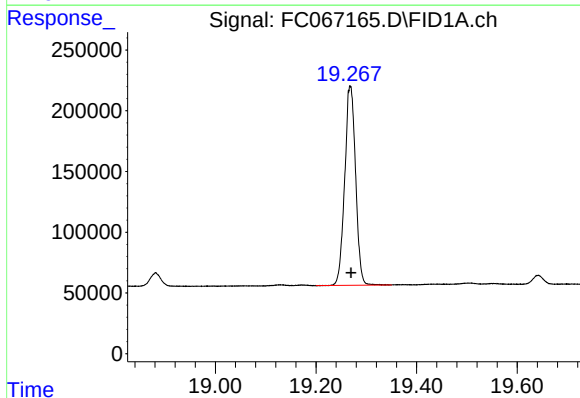
R.T.: 17.655 min
Delta R.T.: 0.001 min
Response: 2843596
Conc: 26.14 ug/ml

Instrument :
FID_C
ClientSampleId :



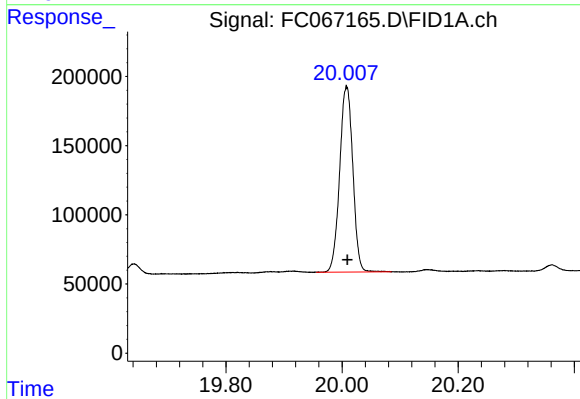
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 2767199
Conc: 26.53 ug/ml



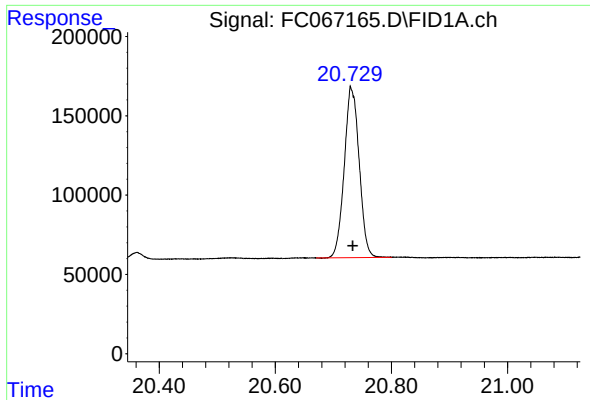
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.002 min
Response: 2460261
Conc: 26.67 ug/ml



#20 n-Hexatriacontane (C36)

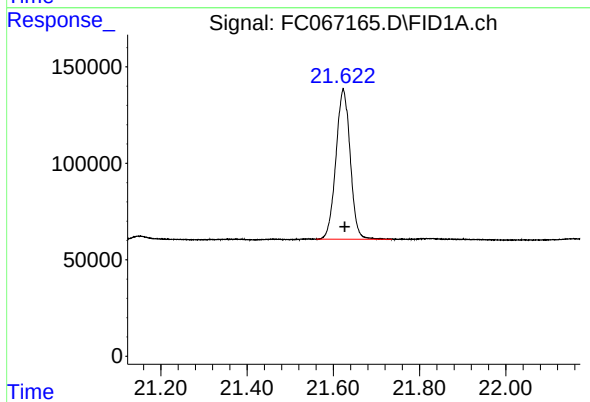
R.T.: 20.008 min
Delta R.T.: -0.001 min
Response: 2108294
Conc: 26.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: -0.002 min
Response: 1913475
Conc: 25.47 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.004 min
Response: 1788438
Conc: 25.60 ug/ml