

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067155.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 18:18
 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 04:05:25 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)	11.505	3326108	23.887 ug/ml
Spiked Amount 50.000		Recovery =	47.77%
12) S 1-chlorooctadecane (S...	12.944	2369994	24.261 ug/ml
Spiked Amount 50.000		Recovery =	48.52%
Target Compounds			
1) T n-Nonane (C9)	3.278	3183784	24.002 ug/ml
2) T n-Decane (C10)	4.343	3255329	24.238 ug/ml
3) T A~Naphthalene (C11.7)	5.922	3418821	24.055 ug/ml
4) T n-Dodecane (C12)	6.360	3242140	24.221 ug/ml
5) T A~2-methylnaphthalene...	6.978	3213889	24.068 ug/ml
6) T n-Tetradecane (C14)	8.154	3139575	24.361 ug/ml
7) T n-Hexadecane (C16)	9.753	3141059	24.363 ug/ml
8) T n-Octadecane (C18)	11.194	3107065	24.285 ug/ml
10) T n-Eicosane (C20)	12.502	2903444	24.172 ug/ml
11) T n-Heneicosane (C21)	13.112	2827114	24.206 ug/ml
13) T n-Docosane (C22)	13.698	2786864	24.137 ug/ml
14) T n-Tetracosane (C24)	14.800	2777707	24.460 ug/ml
15) T n-Hexacosane (C26)	15.820	2691080	24.281 ug/ml
16) T n-Octacosane (C28)	16.768	2666385	24.684 ug/ml
17) T n-Tricontane (C30)	17.655	2761318	25.386 ug/ml
18) T n-Dotriacontane (C32)	18.486	2663296	25.534 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2314681	25.089 ug/ml
20) T n-Hexatriacontane (C36)	20.008	1899599	23.970 ug/ml
21) T n-Octatriacontane (C38)	20.733	1613393	21.479 ug/ml
22) T n-Tetracontane (C40)	21.621	1326402	18.985 ug/ml

(f)=RT Delta > 1/2 Window

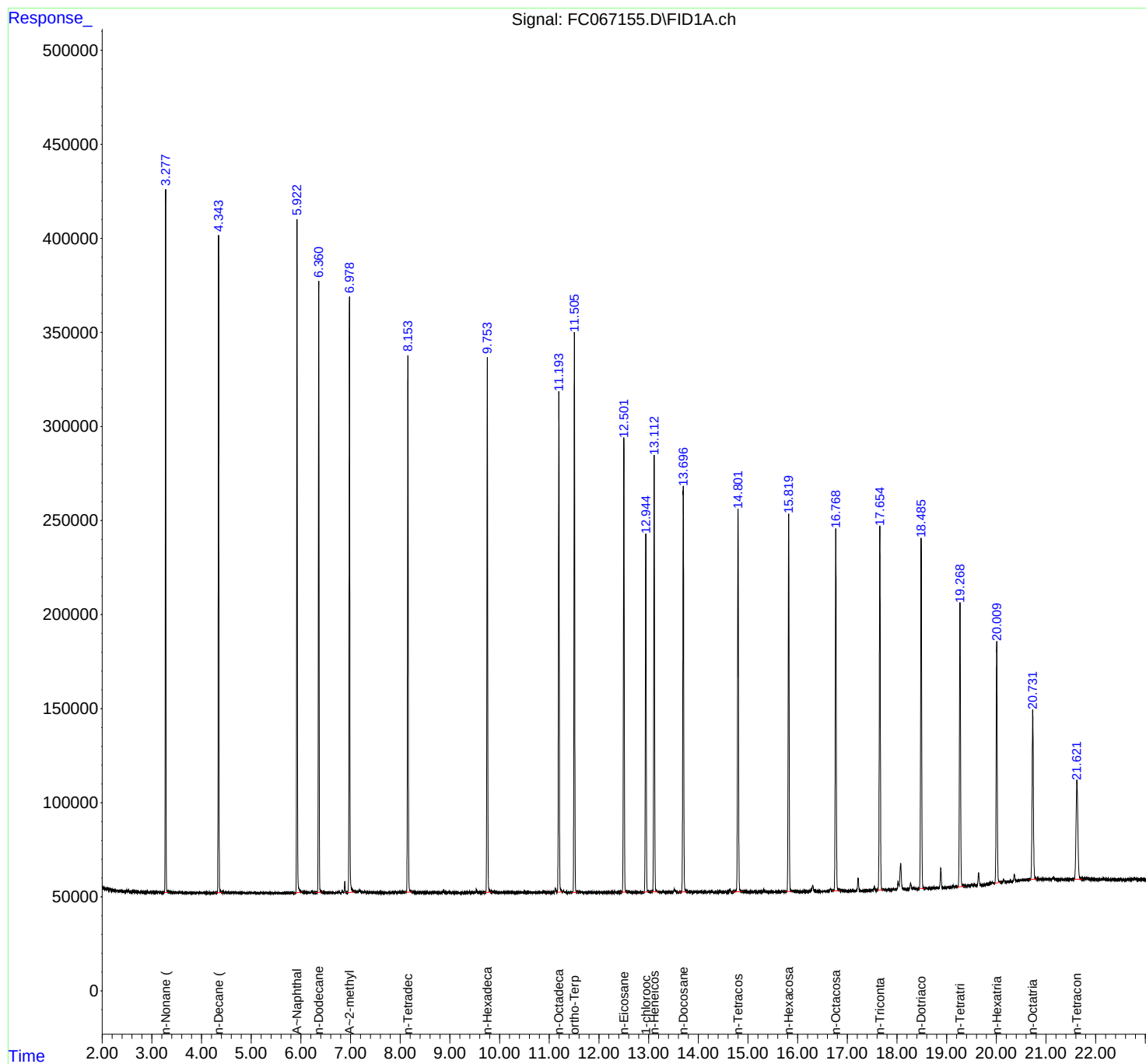
(m)=manual int.

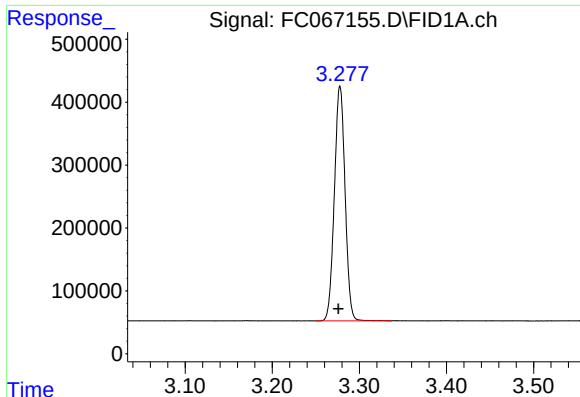
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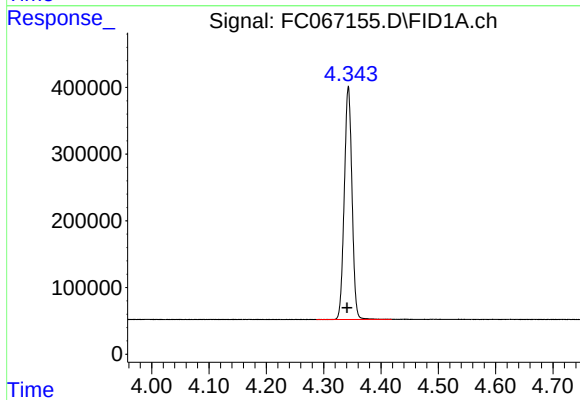




#1 n-Nonane (C9)

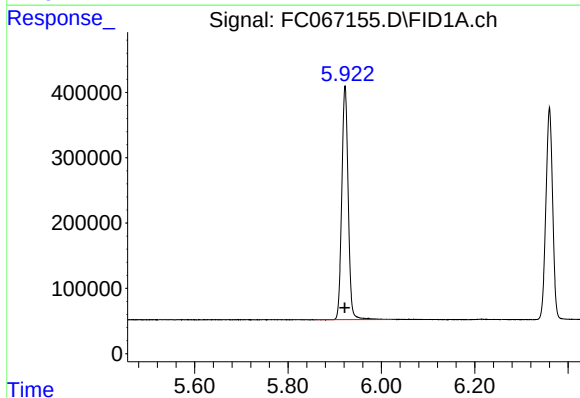
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3183784
Conc: 24.00 ug/ml

Instrument :
FID_C
ClientSampleId :



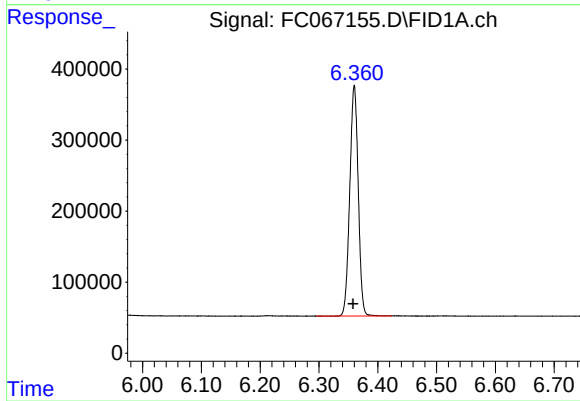
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 3255329
Conc: 24.24 ug/ml



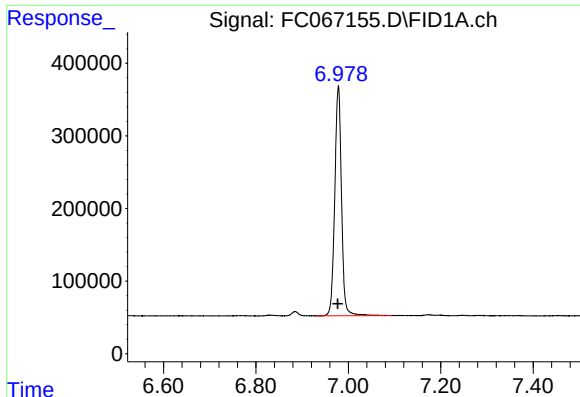
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 3418821
Conc: 24.06 ug/ml



#4 n-Dodecane (C12)

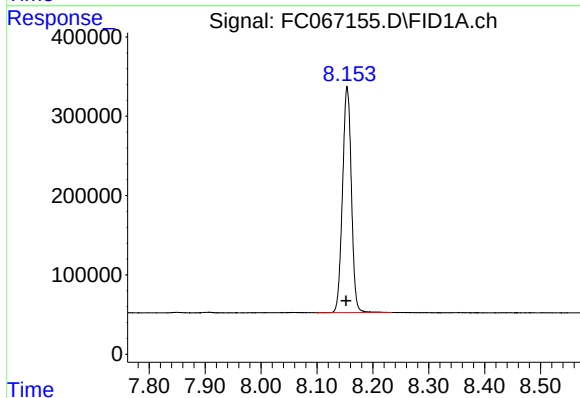
R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 3242140
Conc: 24.22 ug/ml



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

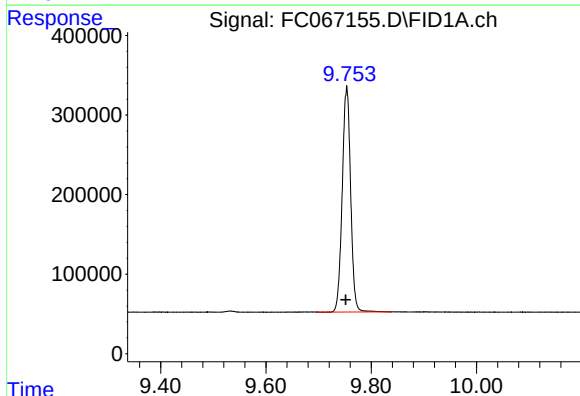
R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 3213889
Conc: 24.07 ug/ml

Instrument :
FID_C
ClientSampleId :



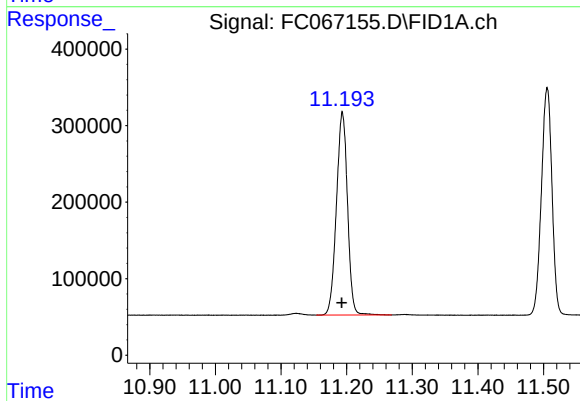
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 3139575
Conc: 24.36 ug/ml



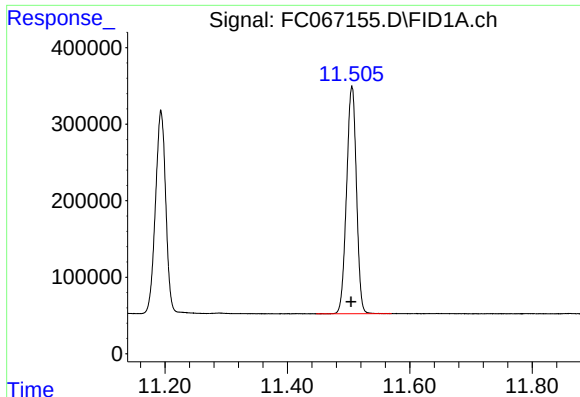
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.002 min
Response: 3141059
Conc: 24.36 ug/ml



#8 n-Octadecane (C18)

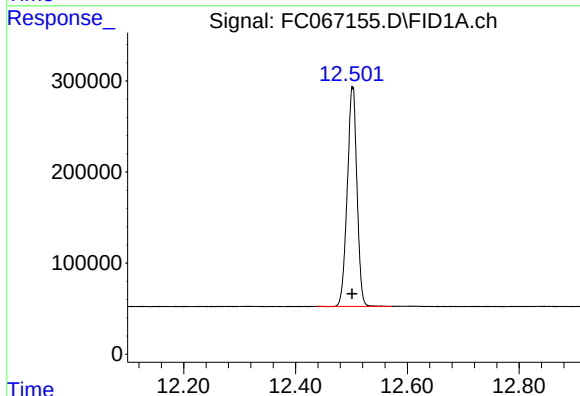
R.T.: 11.194 min
Delta R.T.: 0.000 min
Response: 3107065
Conc: 24.28 ug/ml



#9 ortho-Terphenyl (SURR)

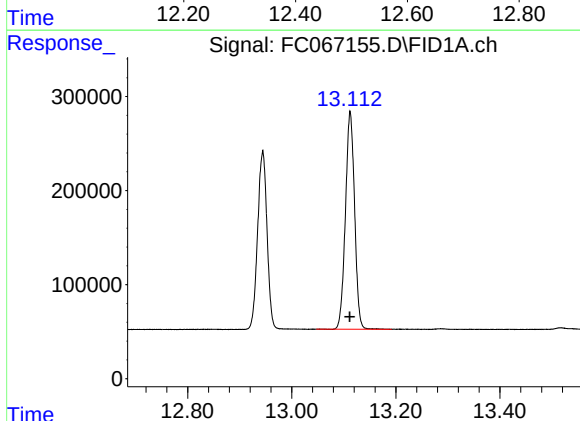
R.T.: 11.505 min
Delta R.T.: 0.001 min
Response: 3326108
Conc: 23.89 ug/ml

Instrument :
FID_C
ClientSampleId :



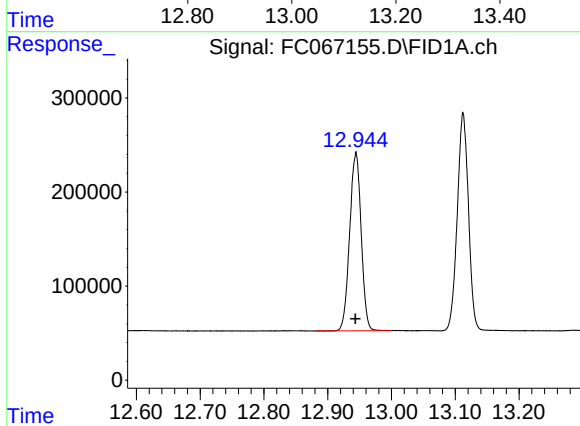
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.000 min
Response: 2903444
Conc: 24.17 ug/ml



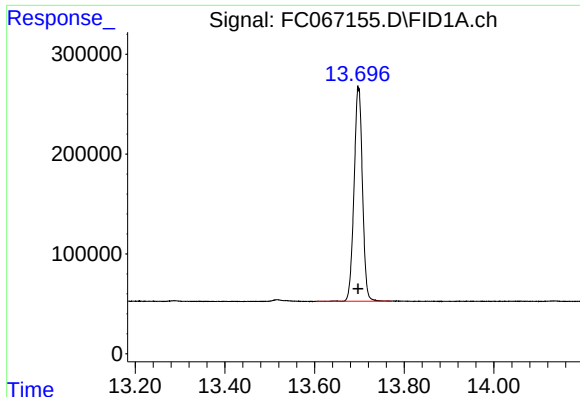
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 2827114
Conc: 24.21 ug/ml



#12 1-chlorooctadecane (SURR)

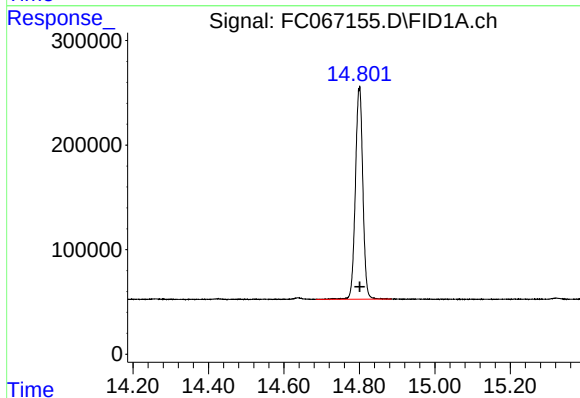
R.T.: 12.944 min
Delta R.T.: 0.000 min
Response: 2369994
Conc: 24.26 ug/ml



#13 n-Docosane (C22)

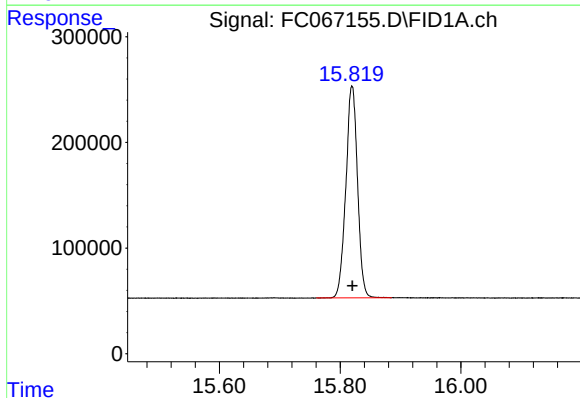
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 2786864
Conc: 24.14 ug/ml

Instrument :
FID_C
ClientSampleId :



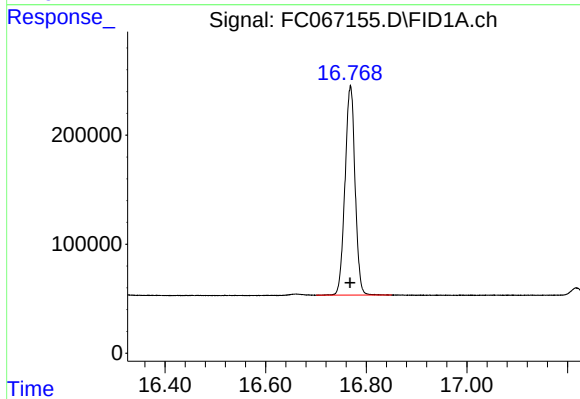
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 2777707
Conc: 24.46 ug/ml



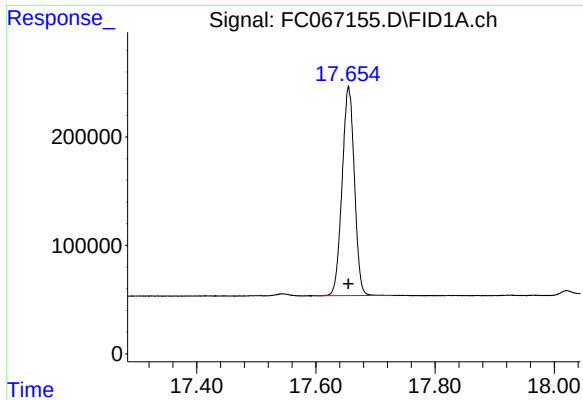
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 2691080
Conc: 24.28 ug/ml



#16 n-Octacosane (C28)

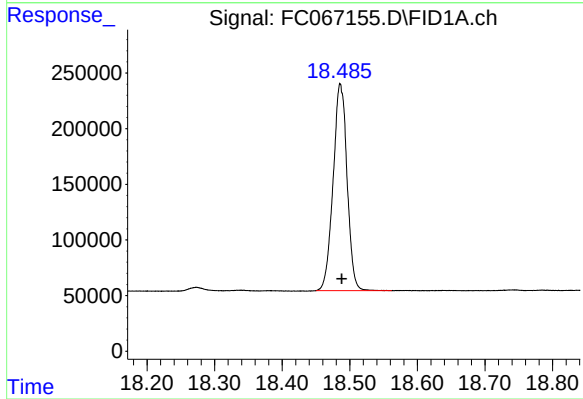
R.T.: 16.768 min
Delta R.T.: 0.000 min
Response: 2666385
Conc: 24.68 ug/ml



#17 n-Tricontane (C30)

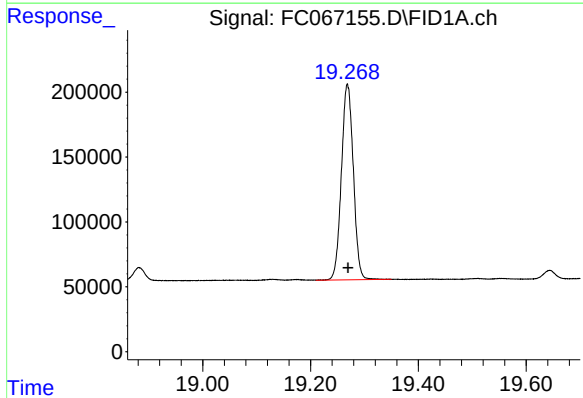
R.T.: 17.655 min
Delta R.T.: 0.000 min
Response: 2761318
Conc: 25.39 ug/ml

Instrument :
FID_C
ClientSampleId :



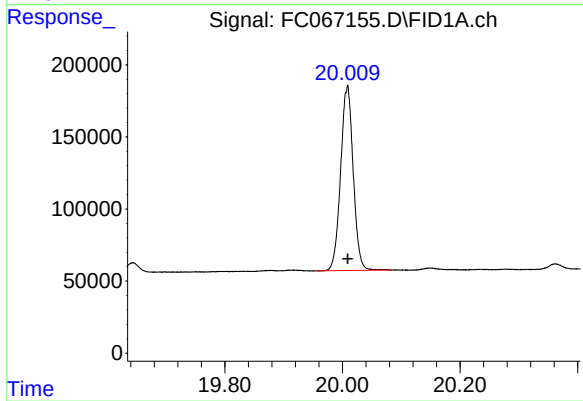
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.002 min
Response: 2663296
Conc: 25.53 ug/ml



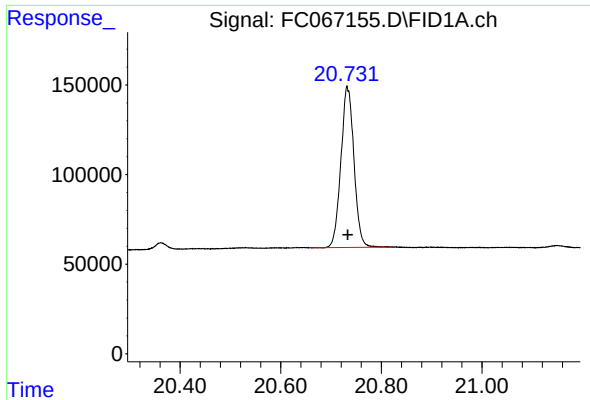
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.001 min
Response: 2314681
Conc: 25.09 ug/ml



#20 n-Hexatriacontane (C36)

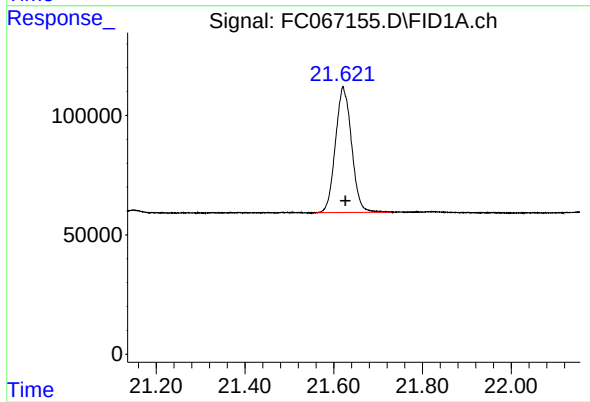
R.T.: 20.008 min
Delta R.T.: 0.000 min
Response: 1899599
Conc: 23.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: 0.000 min
Response: 1613393
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.005 min
Response: 1326402
Conc: 18.99 ug/ml