

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068487.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 15:55
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 07 15:44:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 07 15:41:07 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)	11.724	11881348	95.658 ug/ml
Spiked Amount 50.000		Recovery =	191.32%
12) S 1-chlorooctadecane (S...	13.152	8648431	96.791 ug/ml
Spiked Amount 50.000		Recovery =	193.58%
Target Compounds			
1) T n-Nonane (C9)	3.452	10363876	96.209 ug/ml
2) T n-Decane (C10)	4.529	10520101	96.113 ug/ml
3) T A~Naphthalene (C11.7)	6.127	11591816	95.800 ug/ml
4) T n-Dodecane (C12)	6.555	10483150	96.069 ug/ml
5) T A~2-methylnaphthalene...	7.186	11169562	96.306 ug/ml
6) T n-Tetradecane (C14)	8.351	10281027	95.789 ug/ml
7) T n-Hexadecane (C16)	9.955	10572057	96.132 ug/ml
8) T n-Octadecane (C18)	11.398	10435293	95.371 ug/ml
10) T n-Eicosane (C20)	12.707	10011347	95.686 ug/ml
11) T n-Heneicosane (C21)	13.319	9874877	96.011 ug/ml
13) T n-Docosane (C22)	13.905	9872787	96.299 ug/ml
14) T n-Tetracosane (C24)	15.008	9951208	96.672 ug/ml
15) T n-Hexacosane (C26)	16.029	9887874	97.524 ug/ml
16) T n-Octacosane (C28)	16.978	9748306	97.963 ug/ml
17) T n-Tricontane (C30)	17.868	9836699	98.478 ug/ml
18) T n-Dotriacontane (C32)	18.699	9381590	98.541 ug/ml
19) T n-Tetratriacontane (C34)	19.482	8574594	99.185 ug/ml
20) T n-Hexatriacontane (C36)	20.220	7513944	100.317 ug/ml
21) T n-Octatriacontane (C38)	20.994	6777428	103.201 ug/ml
22) T n-Tetracontane (C40)	21.972	6020445	112.439 ug/ml

(f)=RT Delta > 1/2 Window

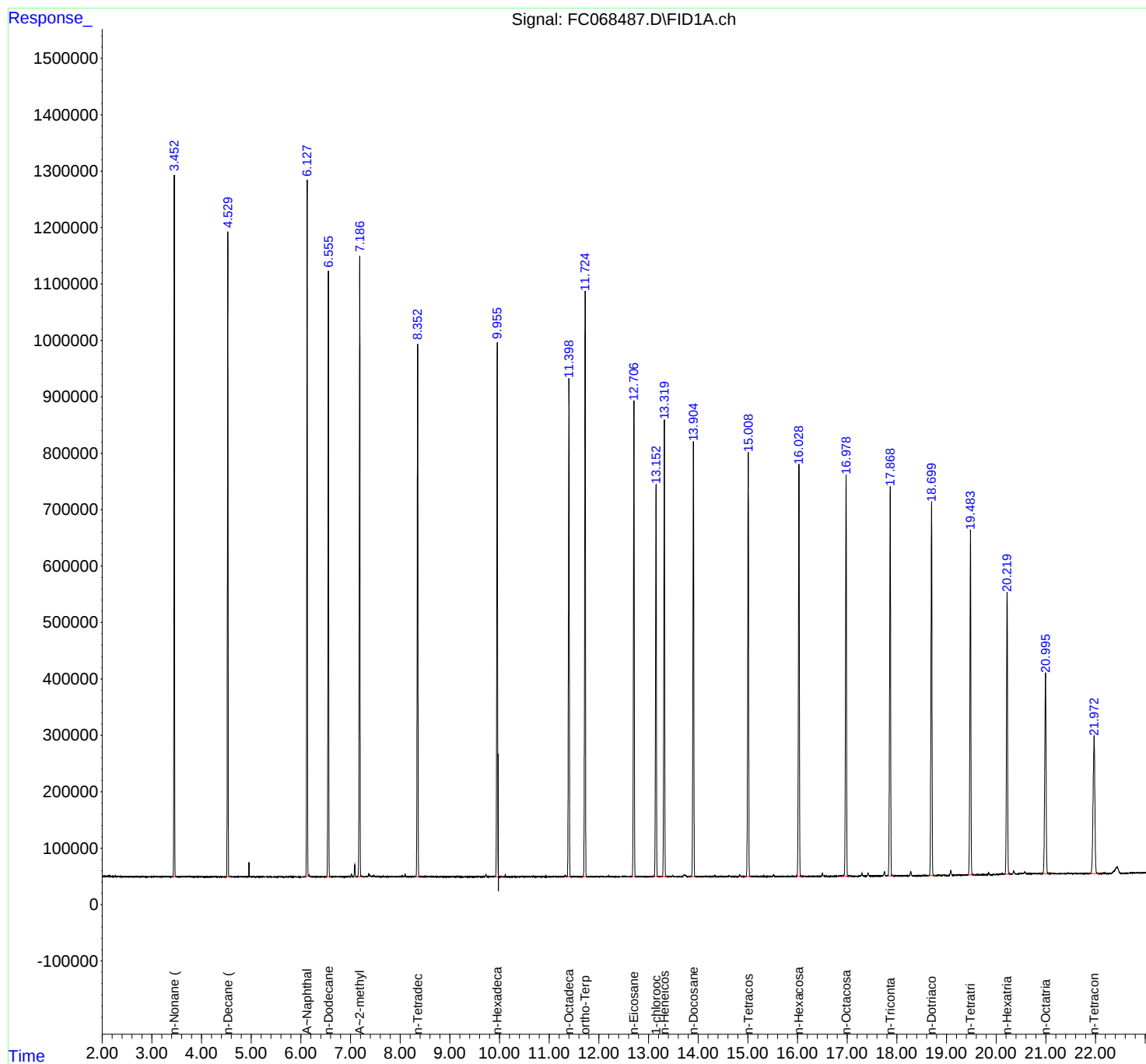
(m)=manual int.

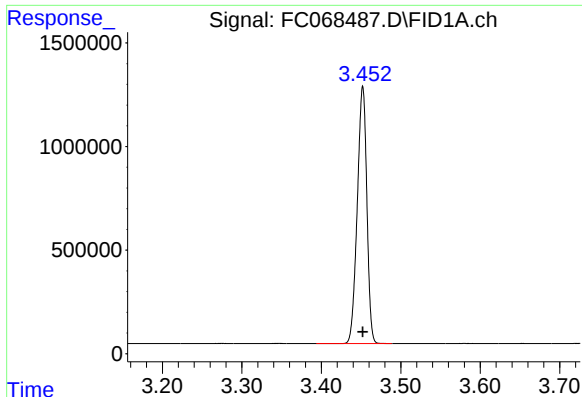
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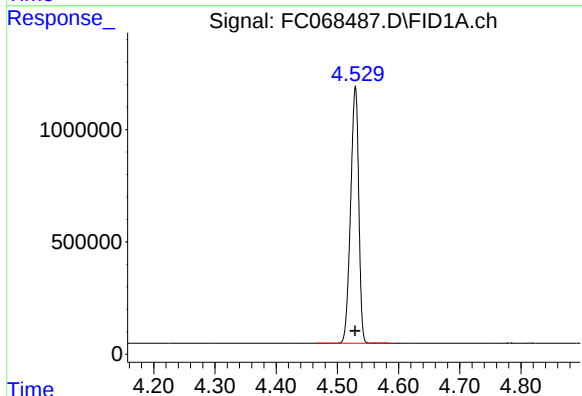




#1 n-Nonane (C9)

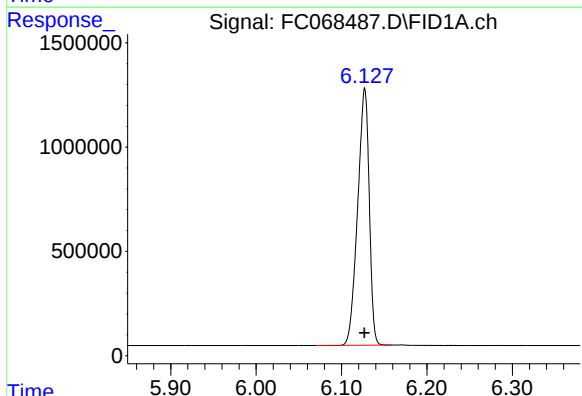
R.T.: 3.452 min
Delta R.T.: 0.000 min
Response: 10363876
Conc: 96.21 ug/ml

Instrument :
FID_C
ClientSampleId :



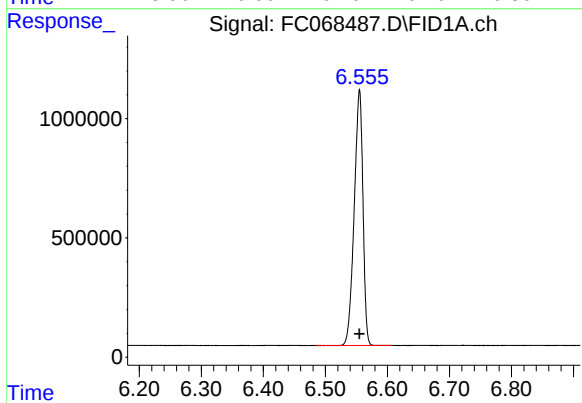
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 10520101
Conc: 96.11 ug/ml



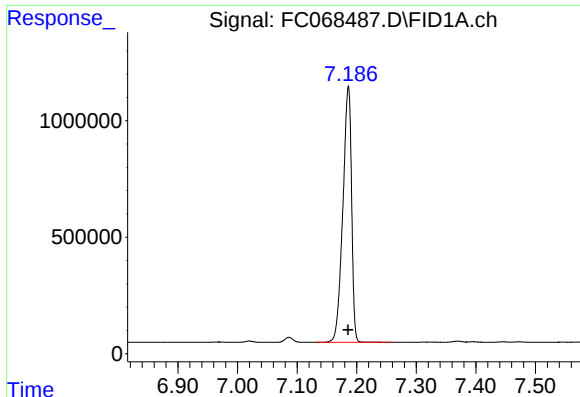
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 11591816
Conc: 95.80 ug/ml



#4 n-Dodecane (C12)

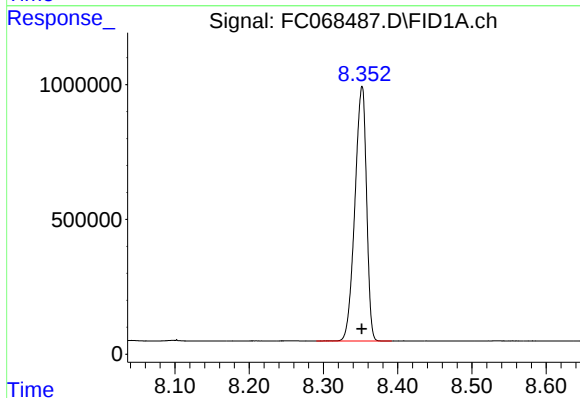
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 10483150
Conc: 96.07 ug/ml



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

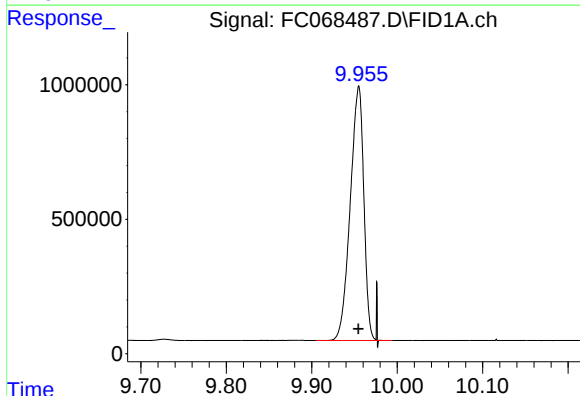
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 11169562
Conc: 96.31 ug/ml

Instrument :
FID_C
ClientSampleId :



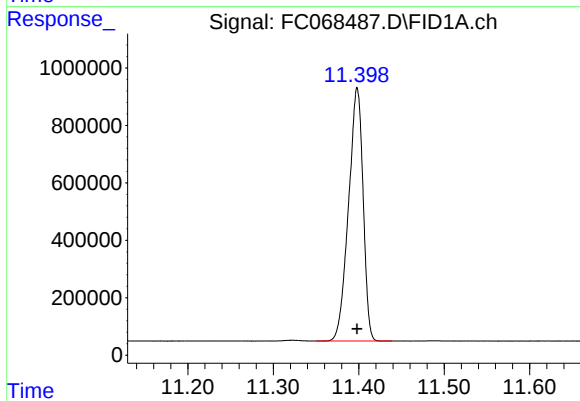
#6 n-Tetradecane (C14)

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 10281027
Conc: 95.79 ug/ml



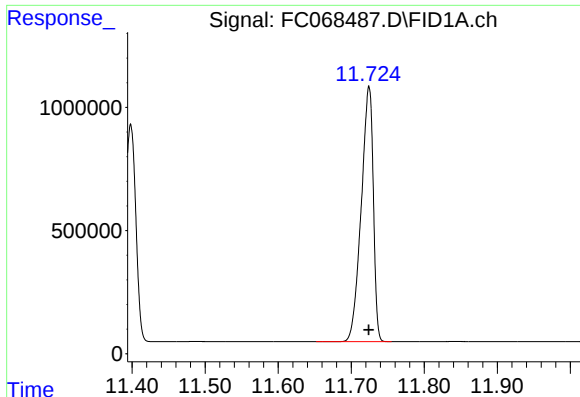
#7 n-Hexadecane (C16)

R.T.: 9.955 min
Delta R.T.: 0.000 min
Response: 10572057
Conc: 96.13 ug/ml



#8 n-Octadecane (C18)

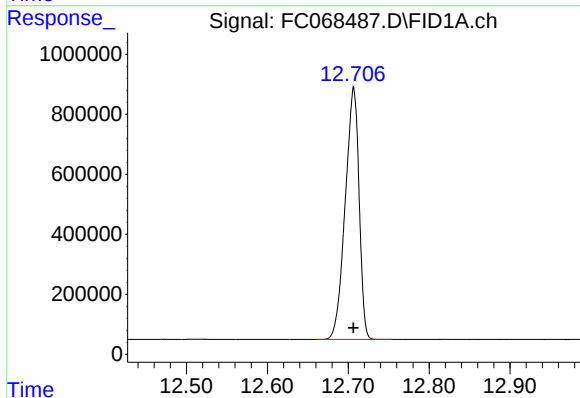
R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 10435293
Conc: 95.37 ug/ml



#9 ortho-Terphenyl (SURR)

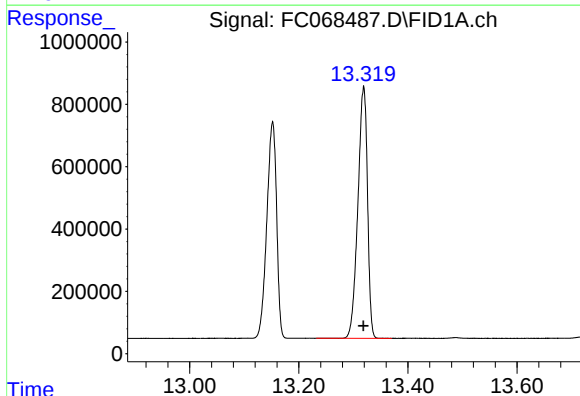
R.T.: 11.724 min
Delta R.T.: 0.000 min
Response: 11881348
Conc: 95.66 ug/ml

Instrument :
FID_C
ClientSampleId :



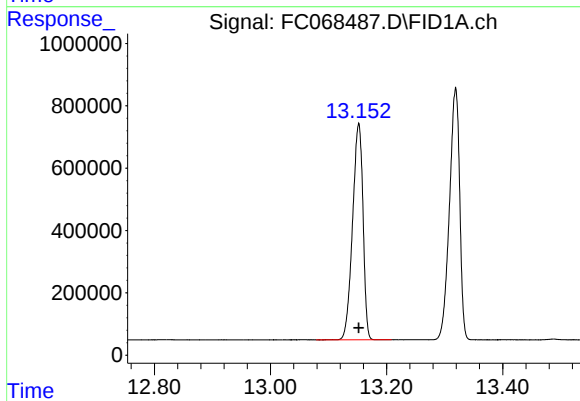
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.000 min
Response: 10011347
Conc: 95.69 ug/ml



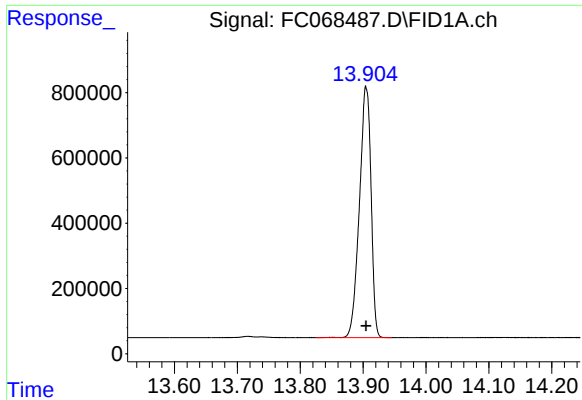
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 9874877
Conc: 96.01 ug/ml



#12 1-chlorooctadecane (SURR)

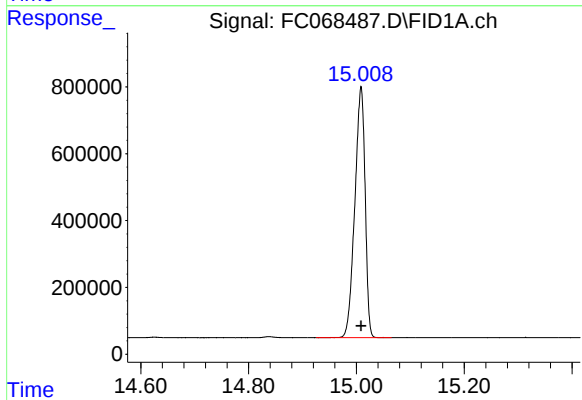
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 8648431
Conc: 96.79 ug/ml



#13 n-Docosane (C22)

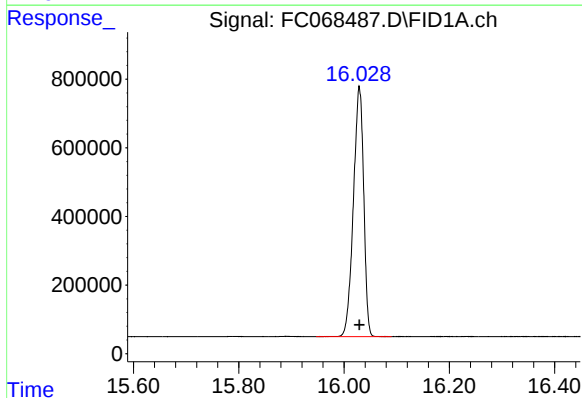
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 9872787
Conc: 96.30 ug/ml

Instrument :
FID_C
ClientSampleId :



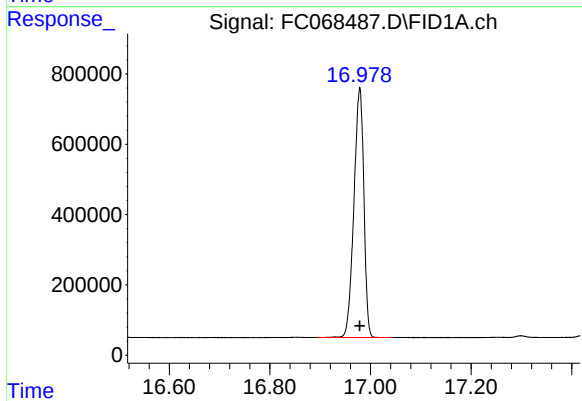
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.000 min
Response: 9951208
Conc: 96.67 ug/ml



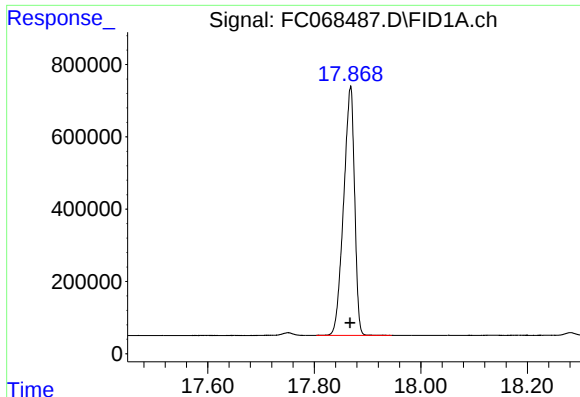
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: 0.000 min
Response: 9887874
Conc: 97.52 ug/ml



#16 n-Octacosane (C28)

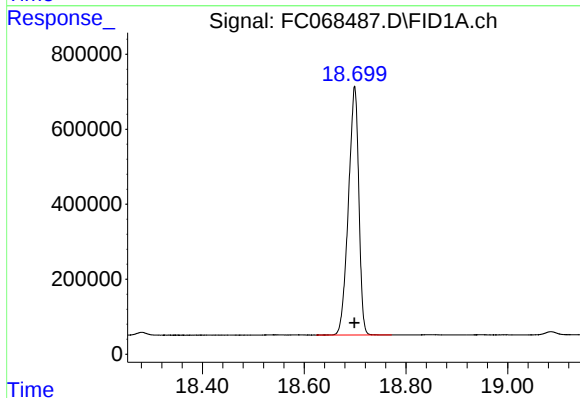
R.T.: 16.978 min
Delta R.T.: 0.000 min
Response: 9748306
Conc: 97.96 ug/ml



#17 n-Tricontane (C30)

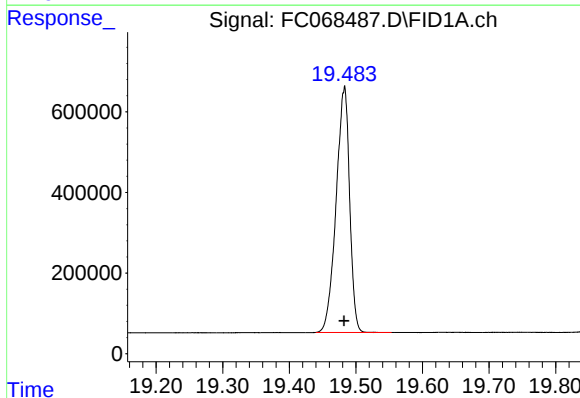
R.T.: 17.868 min
Delta R.T.: 0.000 min
Response: 9836699
Conc: 98.48 ug/ml

Instrument :
FID_C
ClientSampleId :



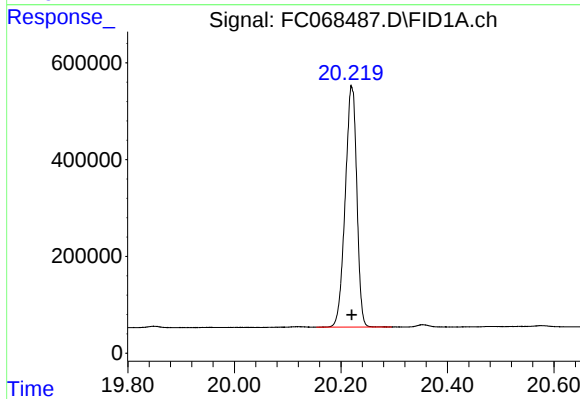
#18 n-Dotriacontane (C32)

R.T.: 18.699 min
Delta R.T.: 0.000 min
Response: 9381590
Conc: 98.54 ug/ml



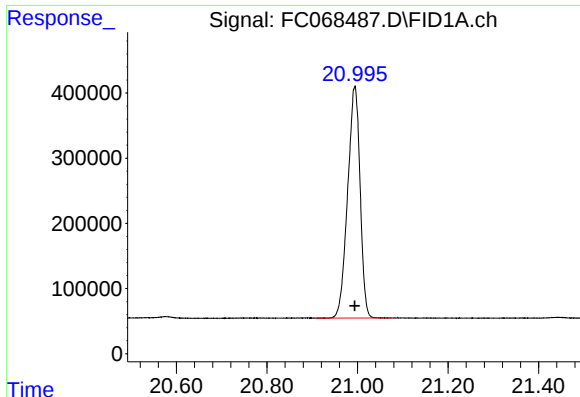
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 8574594
Conc: 99.19 ug/ml



#20 n-Hexatriacontane (C36)

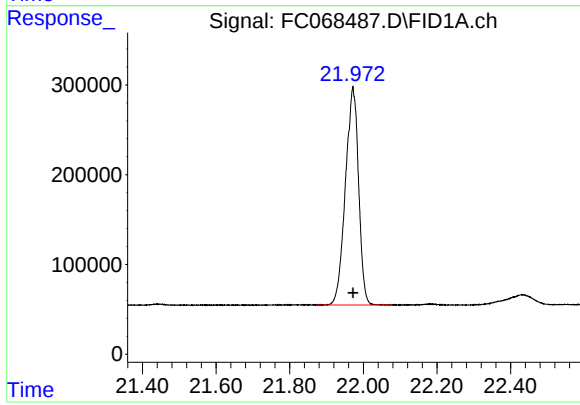
R.T.: 20.220 min
Delta R.T.: 0.000 min
Response: 7513944
Conc: 100.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: 0.000 min
Response: 6777428
Conc: 103.20 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.000 min
Response: 6020445
Conc: 112.44 ug/ml