

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021125AL\
 Data File : FC068257.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 19:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 11 02:33:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 11 02:29:33 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)	11.399	3006153	19.591 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	12.841	2210712	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.207	2763389	19.644 ug/ml
2) T n-Decane (C10)	4.265	2787474	19.676 ug/ml
3) T A~Naphthalene (C11.7)	5.832	3022645	19.751 ug/ml
4) T n-Dodecane (C12)	6.274	2762475	19.626 ug/ml
5) T A~2-methylnaphthalene...	6.884	2871264	19.825 ug/ml
6) T n-Tetradecane (C14)	8.061	2665240	19.548 ug/ml
7) T n-Hexadecane (C16)	9.657	2676698	19.543 ug/ml
8) T n-Octadecane (C18)	11.095	2671678	19.536 ug/ml
10) T n-Eicosane (C20)	12.401	2547036	19.549 ug/ml
11) T n-Heneicosane (C21)	13.011	2500910	19.562 ug/ml
13) T n-Docosane (C22)	13.595	2472408	19.618 ug/ml
14) T n-Tetracosane (C24)	14.696	2447601	19.679 ug/ml
15) T n-Hexacosane (C26)	15.714	2396918	19.713 ug/ml
16) T n-Octacosane (C28)	16.662	2352553	19.808 ug/ml
17) T n-Tricontane (C30)	17.548	2368324	19.676 ug/ml
18) T n-Dotriacontane (C32)	18.379	2282342	19.664 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2121381	19.632 ug/ml
20) T n-Hexatriacontane (C36)	19.898	1897153	19.727 ug/ml
21) T n-Octatriacontane (C38)	20.609	1768616	19.674 ug/ml
22) T n-Tetracontane (C40)	21.462	1709466	19.758 ug/ml

(f)=RT Delta > 1/2 Window

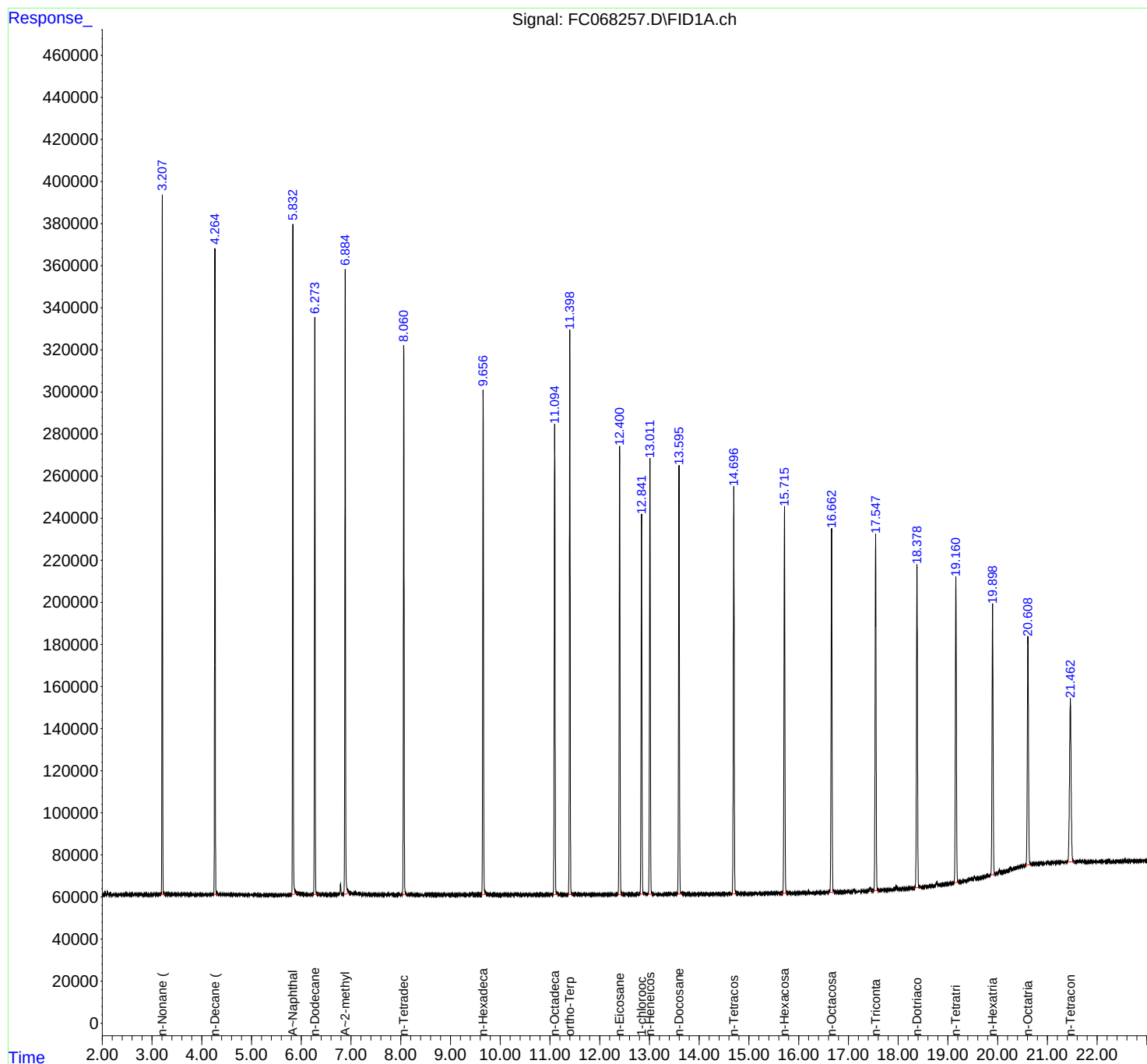
(m)=manual int.

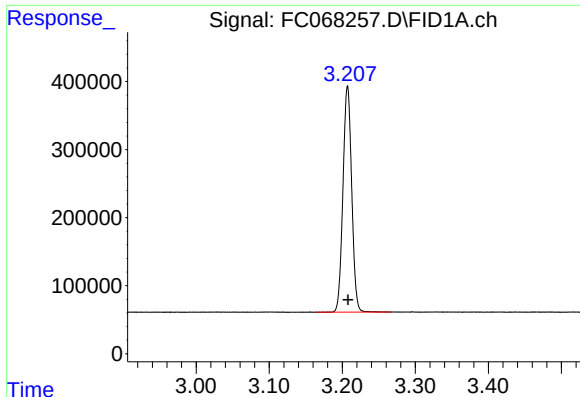
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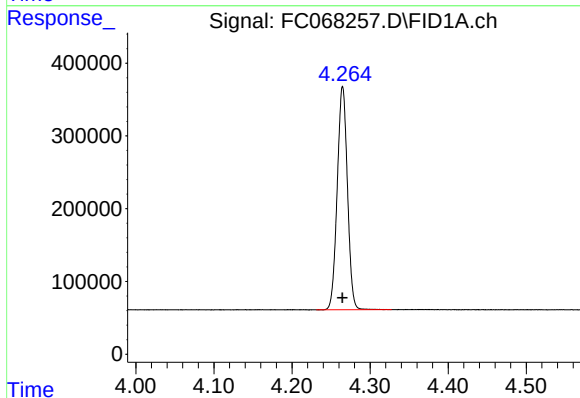




#1 n-Nonane (C9)

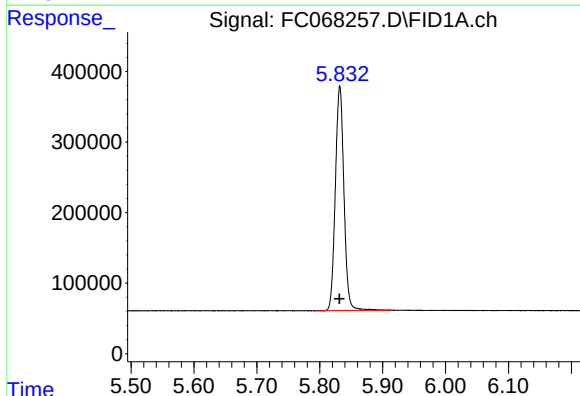
R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 2763389
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :



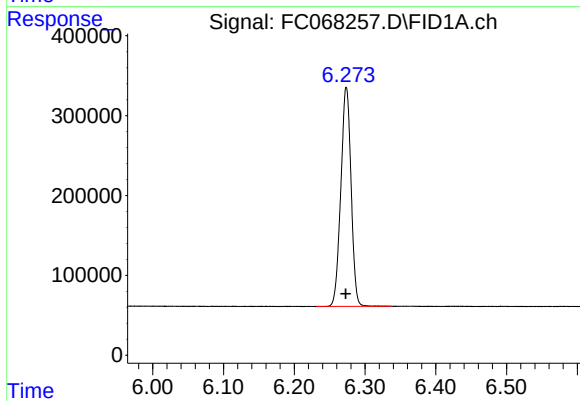
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 2787474
Conc: 19.68 ug/ml



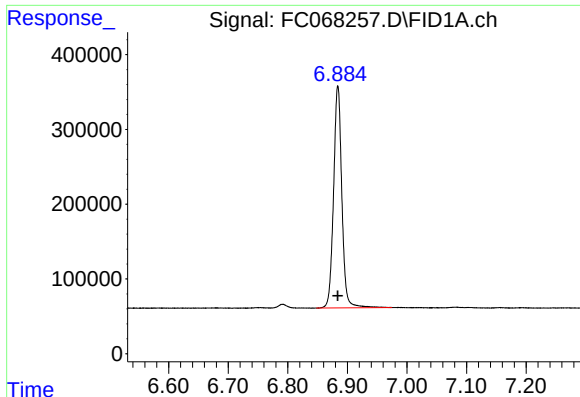
#3 A~Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3022645
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

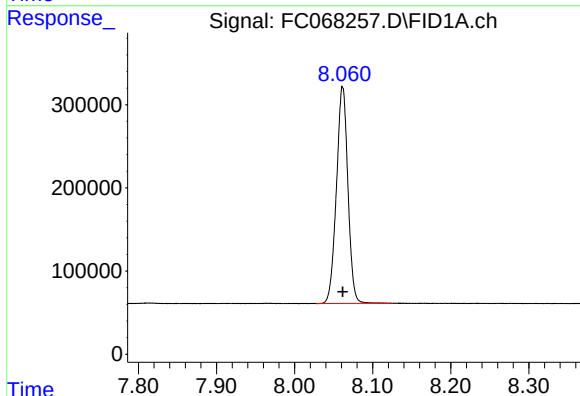
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2762475
Conc: 19.63 ug/ml



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

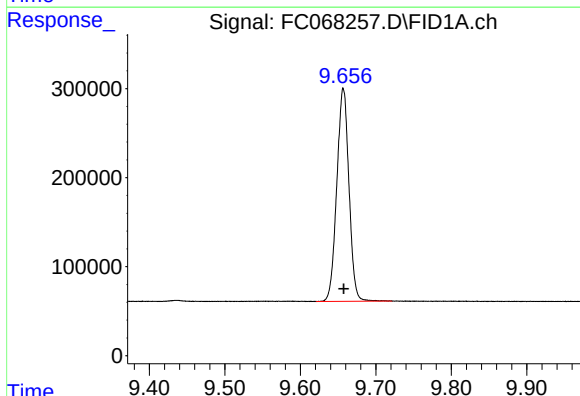
R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 2871264
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :



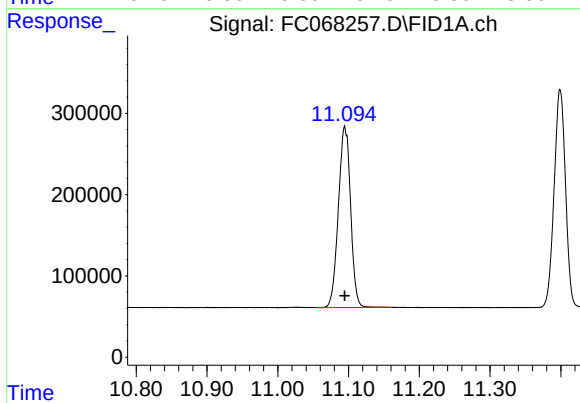
#6 n-Tetradecane (C14)

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 2665240
Conc: 19.55 ug/ml



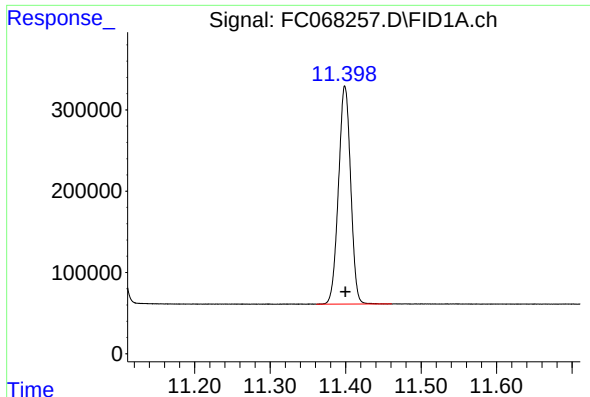
#7 n-Hexadecane (C16)

R.T.: 9.657 min
Delta R.T.: 0.000 min
Response: 2676698
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

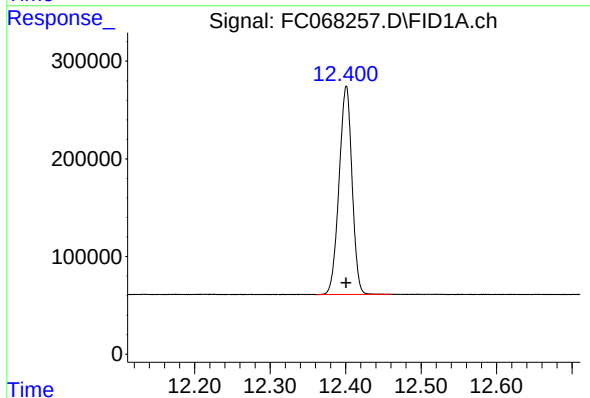
R.T.: 11.095 min
Delta R.T.: 0.000 min
Response: 2671678
Conc: 19.54 ug/ml



#9 ortho-Terphenyl (SURR)

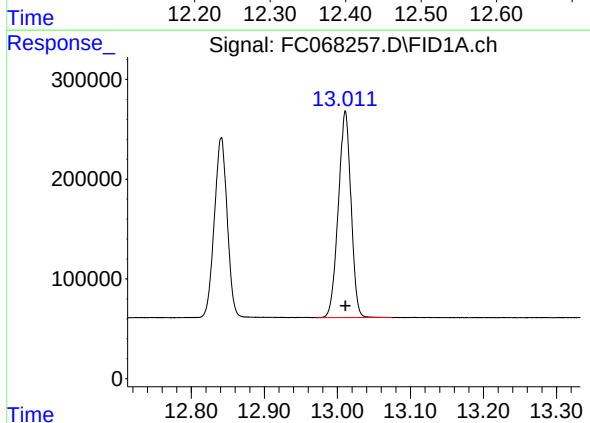
R.T.: 11.399 min
Delta R.T.: 0.000 min
Response: 3006153
Conc: 19.59 ug/ml

Instrument :
FID_C
ClientSampleId :



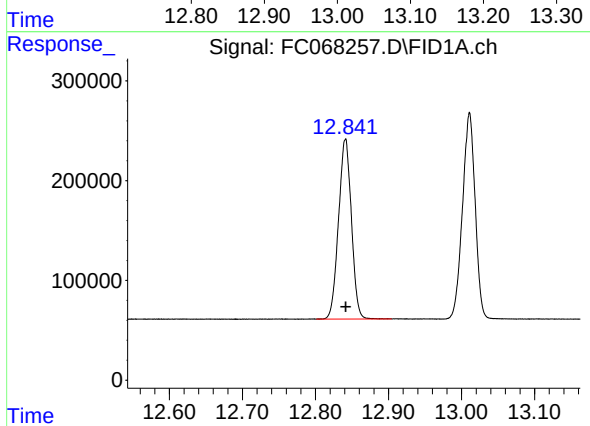
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: 0.000 min
Response: 2547036
Conc: 19.55 ug/ml



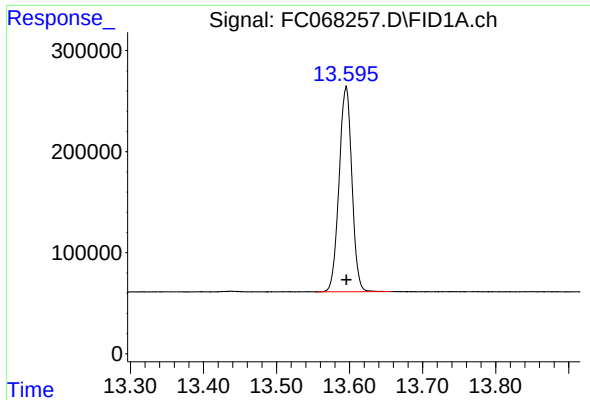
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2500910
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

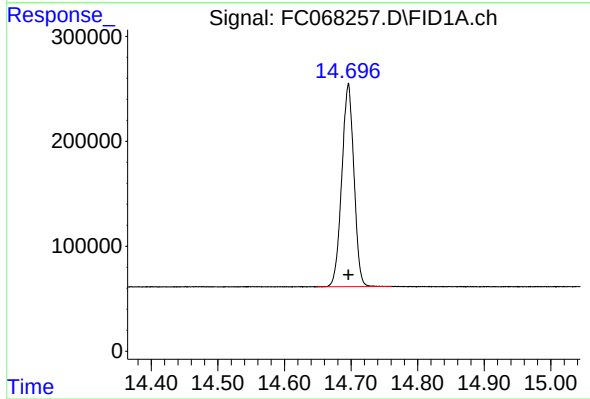
R.T.: 12.841 min
Delta R.T.: 0.000 min
Response: 2210712
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

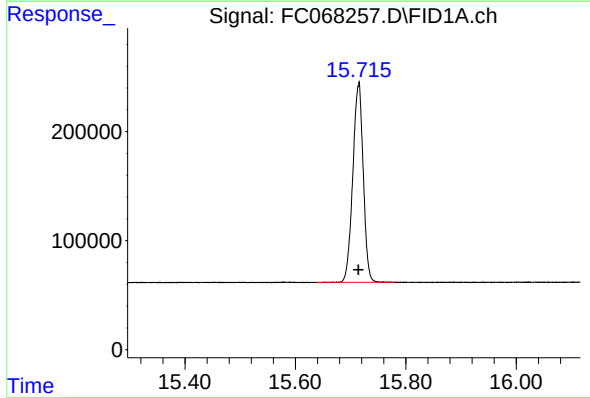
R.T.: 13.595 min
Delta R.T.: 0.000 min
Response: 2472408
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :



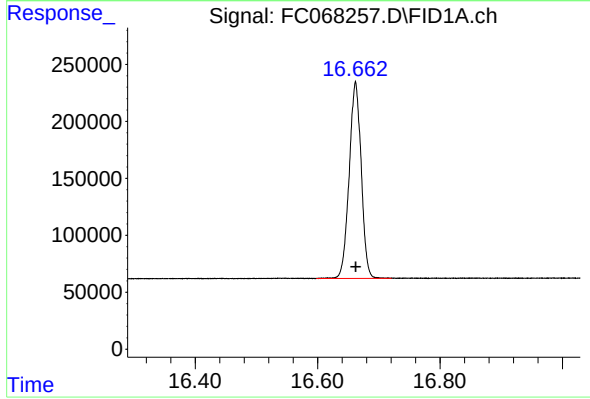
#14 n-Tetracosane (C24)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 2447601
Conc: 19.68 ug/ml



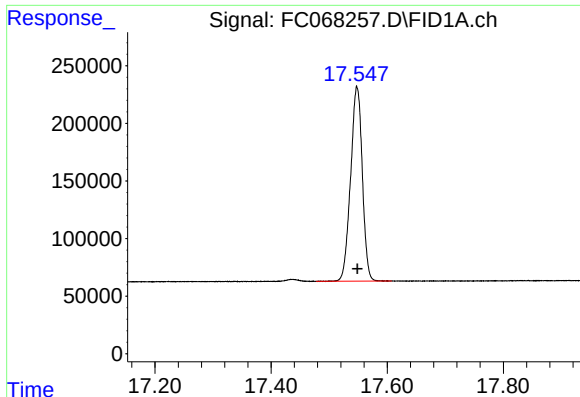
#15 n-Hexacosane (C26)

R.T.: 15.714 min
Delta R.T.: 0.000 min
Response: 2396918
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

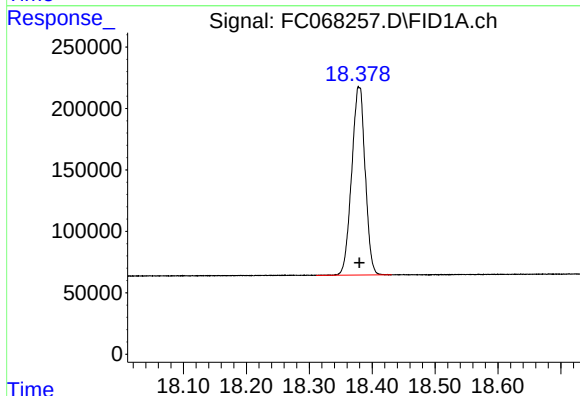
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2352553
Conc: 19.81 ug/ml



#17 n-Tricontane (C30)

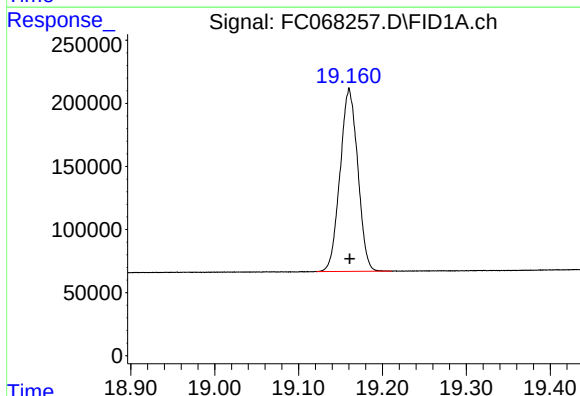
R.T.: 17.548 min
Delta R.T.: -0.001 min
Response: 2368324
Conc: 19.68 ug/ml

Instrument :
FID_C
ClientSampleId :



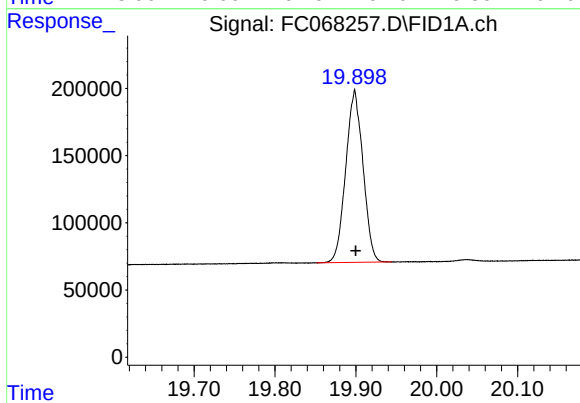
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 2282342
Conc: 19.66 ug/ml



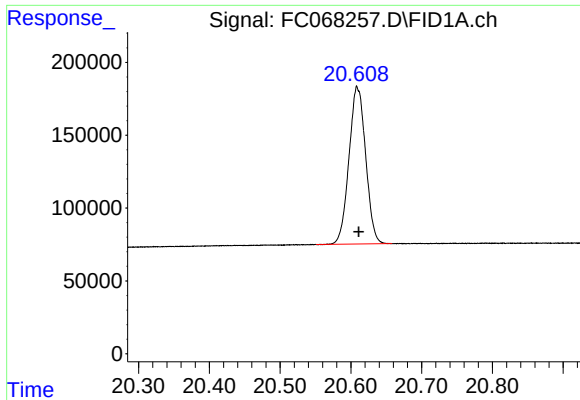
#19 n-Tetratriacontane (C34)

R.T.: 19.160 min
Delta R.T.: 0.000 min
Response: 2121381
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

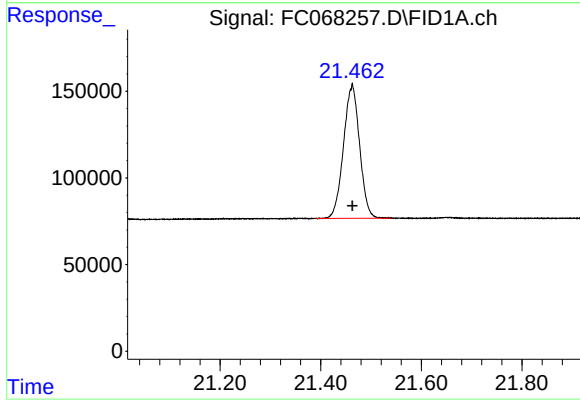
R.T.: 19.898 min
Delta R.T.: -0.002 min
Response: 1897153
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: -0.002 min
Response: 1768616
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 1709466
Conc: 19.76 ug/ml