

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068189.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 20:30
 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: Feb 04 02:02:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.417	2997181	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	12.858	2221099	19.313 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.226	2753388	20.107 ug/ml
2) T n-Decane (C10)	4.284	2788471	20.085 ug/ml
3) T A~Naphthalene (C11.7)	5.852	3024749	20.148 ug/ml
4) T n-Dodecane (C12)	6.292	2777524	19.882 ug/ml
5) T A~2-methylnaphthalene...	6.903	2898458	20.180 ug/ml
6) T n-Tetradecane (C14)	8.080	2684355	19.669 ug/ml
7) T n-Hexadecane (C16)	9.675	2706214	19.476 ug/ml
8) T n-Octadecane (C18)	11.112	2700980	19.304 ug/ml
10) T n-Eicosane (C20)	12.418	2574292	19.240 ug/ml
11) T n-Heneicosane (C21)	13.028	2522924	19.209 ug/ml
13) T n-Docosane (C22)	13.612	2490777	19.229 ug/ml
14) T n-Tetracosane (C24)	14.713	2456725	19.135 ug/ml
15) T n-Hexacosane (C26)	15.730	2397620	19.053 ug/ml
16) T n-Octacosane (C28)	16.677	2335545	18.674 ug/ml
17) T n-Tricontane (C30)	17.563	2343017	18.127 ug/ml
18) T n-Dotriacontane (C32)	18.394	2248442	17.986 ug/ml
19) T n-Tetratriacontane (C34)	19.176	1990478	18.350 ug/ml
20) T n-Hexatriacontane (C36)	19.915	1743653	18.841 ug/ml
21) T n-Octatriacontane (C38)	20.627	1682816	19.639 ug/ml
22) T n-Tetracontane (C40)	21.483	1687434	20.869 ug/ml

(f)=RT Delta > 1/2 Window

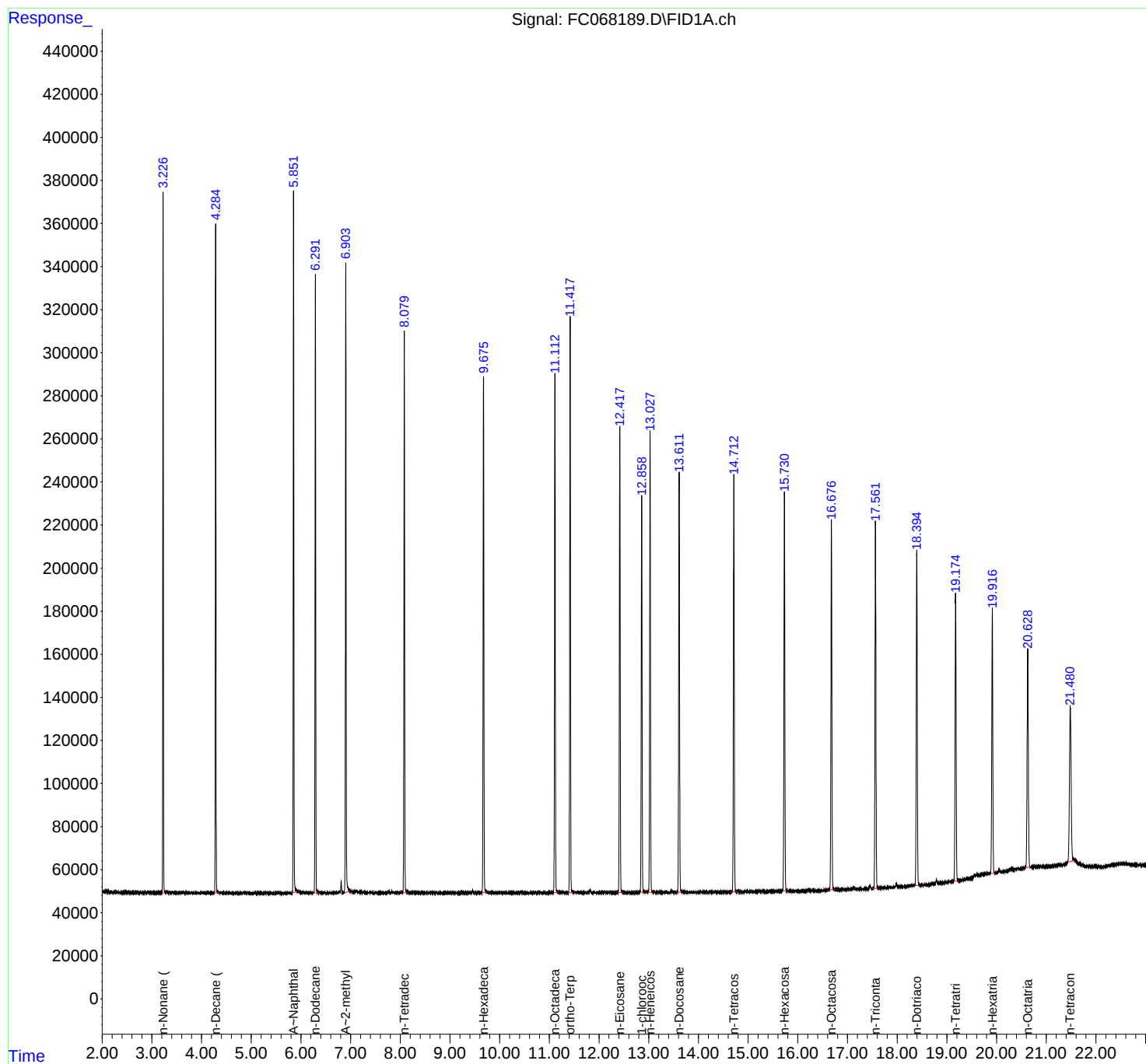
(m)=manual int.

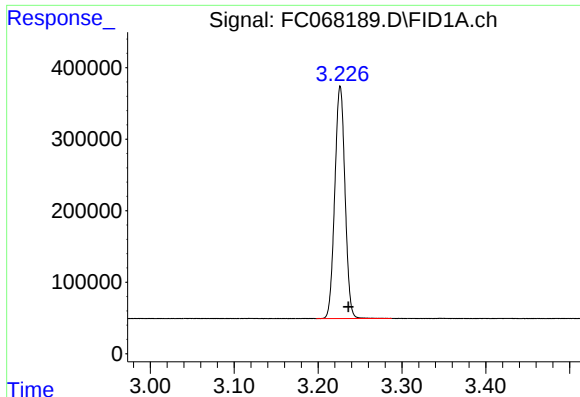
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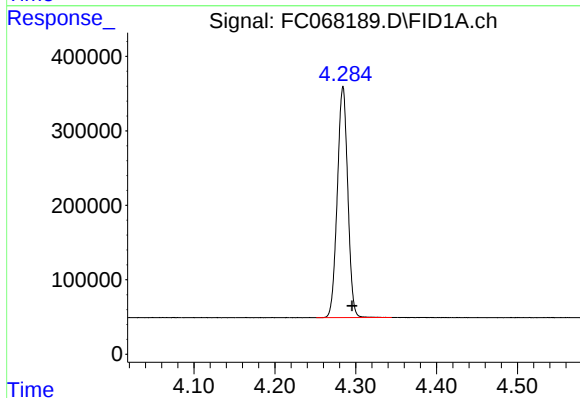




#1 n-Nonane (C9)

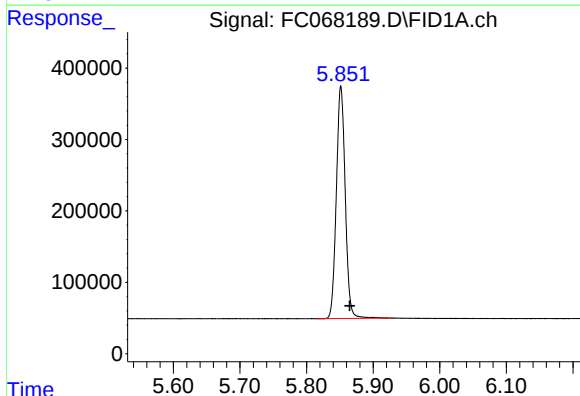
R.T.: 3.226 min
Delta R.T.: -0.010 min
Response: 2753388
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :



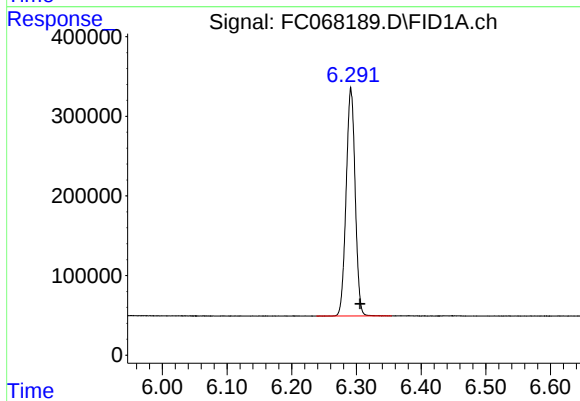
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: -0.011 min
Response: 2788471
Conc: 20.09 ug/ml



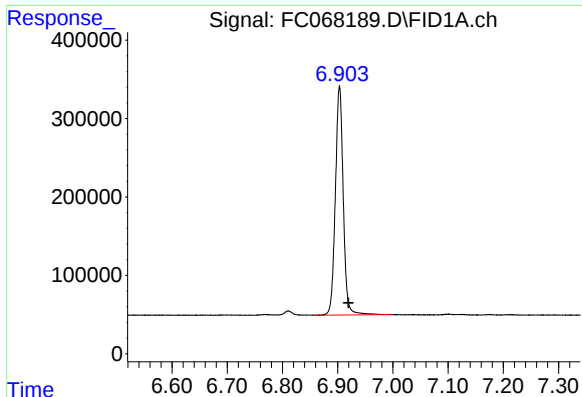
#3 A~Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.013 min
Response: 3024749
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

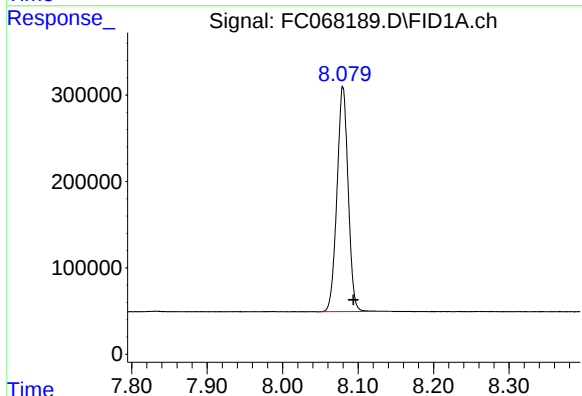
R.T.: 6.292 min
Delta R.T.: -0.014 min
Response: 2777524
Conc: 19.88 ug/ml



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

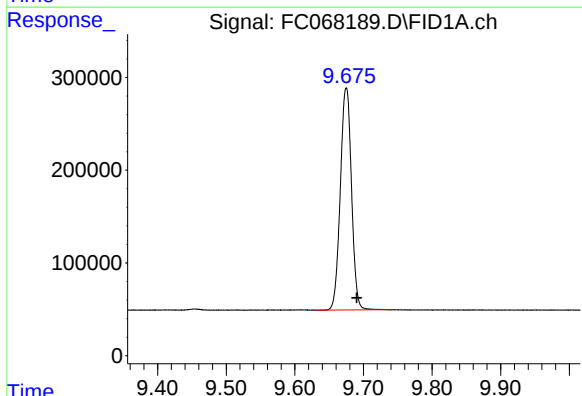
R.T.: 6.903 min
Delta R.T.: -0.016 min
Response: 2898458
Conc: 20.18 ug/ml

Instrument :
FID_C
ClientSampleId :



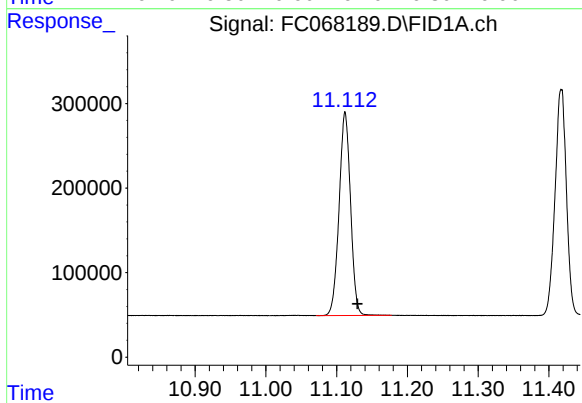
#6 n-Tetradecane (C14)

R.T.: 8.080 min
Delta R.T.: -0.014 min
Response: 2684355
Conc: 19.67 ug/ml



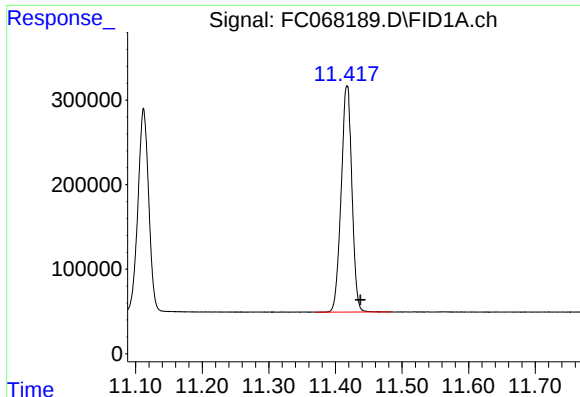
#7 n-Hexadecane (C16)

R.T.: 9.675 min
Delta R.T.: -0.015 min
Response: 2706214
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

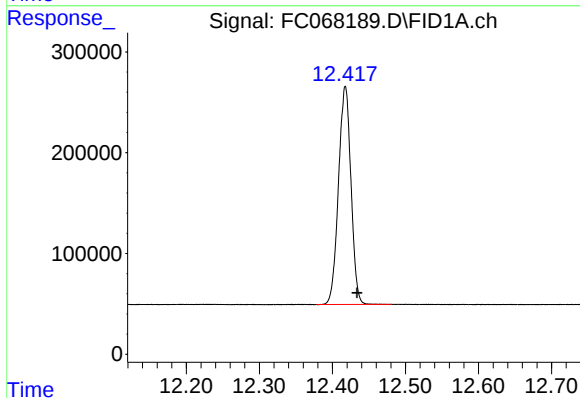
R.T.: 11.112 min
Delta R.T.: -0.018 min
Response: 2700980
Conc: 19.30 ug/ml



#9 ortho-Terphenyl (SURR)

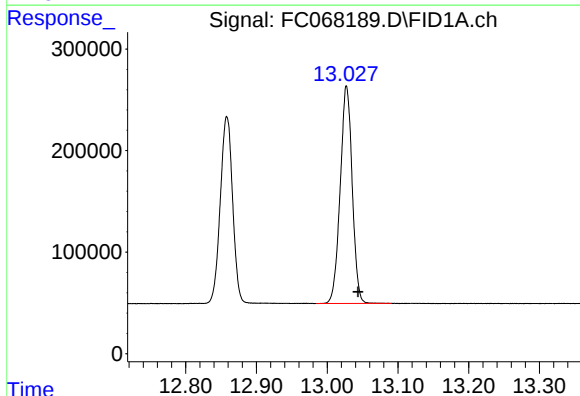
R.T.: 11.417 min
Delta R.T.: -0.020 min
Response: 2997181
Conc: 19.18 ug/ml

Instrument :
FID_C
ClientSampleId :



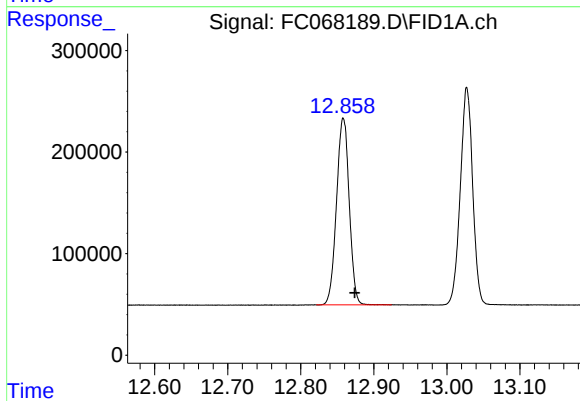
#10 n-Eicosane (C20)

R.T.: 12.418 min
Delta R.T.: -0.016 min
Response: 2574292
Conc: 19.24 ug/ml



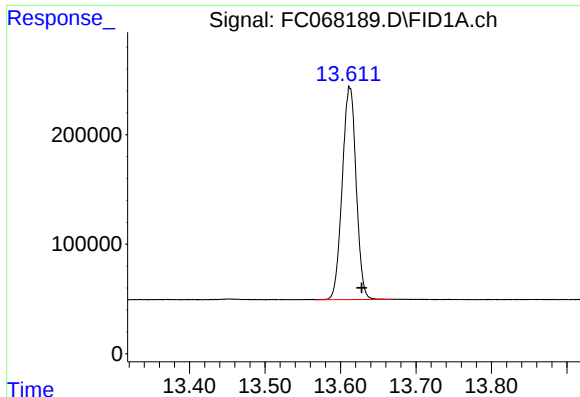
#11 n-Heneicosane (C21)

R.T.: 13.028 min
Delta R.T.: -0.016 min
Response: 2522924
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

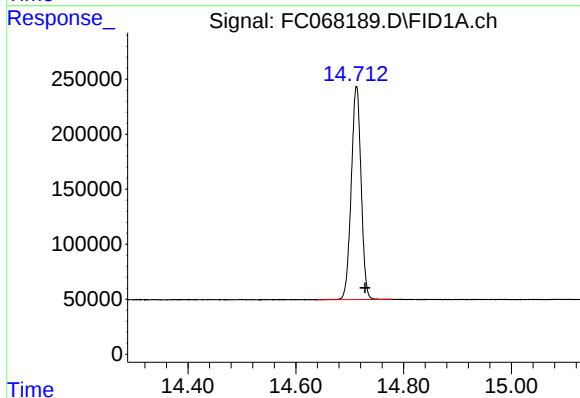
R.T.: 12.858 min
Delta R.T.: -0.016 min
Response: 2221099
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

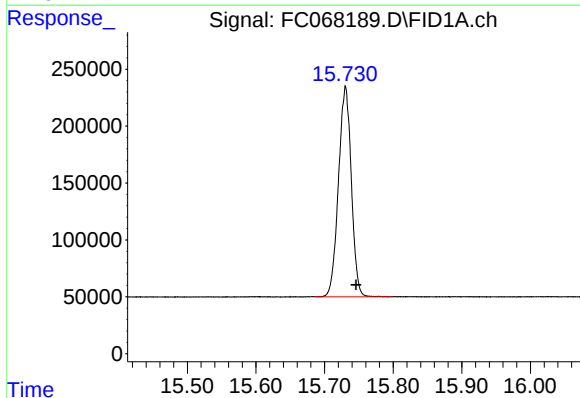
R.T.: 13.612 min
Delta R.T.: -0.016 min
Response: 2490777
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :



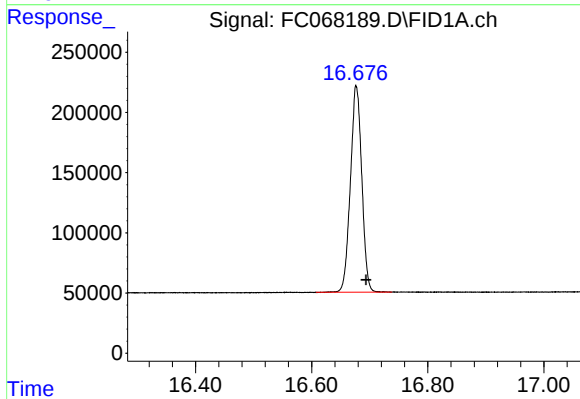
#14 n-Tetracosane (C24)

R.T.: 14.713 min
Delta R.T.: -0.016 min
Response: 2456725
Conc: 19.14 ug/ml



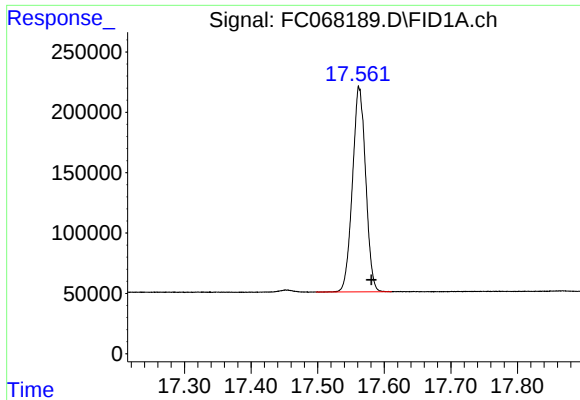
#15 n-Hexacosane (C26)

R.T.: 15.730 min
Delta R.T.: -0.016 min
Response: 2397620
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

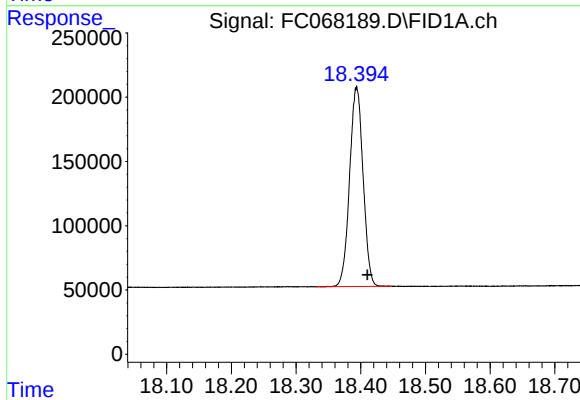
R.T.: 16.677 min
Delta R.T.: -0.017 min
Response: 2335545
Conc: 18.67 ug/ml



#17 n-Tricontane (C30)

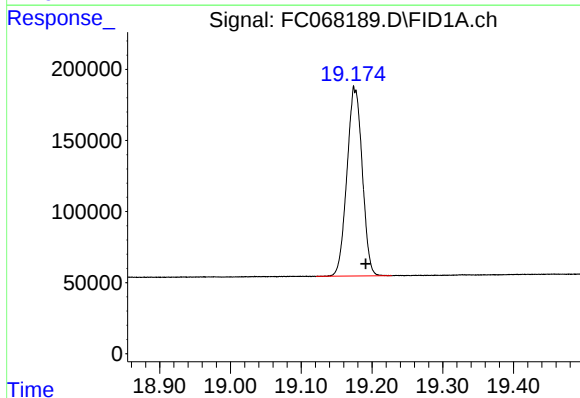
R.T.: 17.563 min
Delta R.T.: -0.018 min
Response: 2343017
Conc: 18.13 ug/ml

Instrument :
FID_C
ClientSampleId :



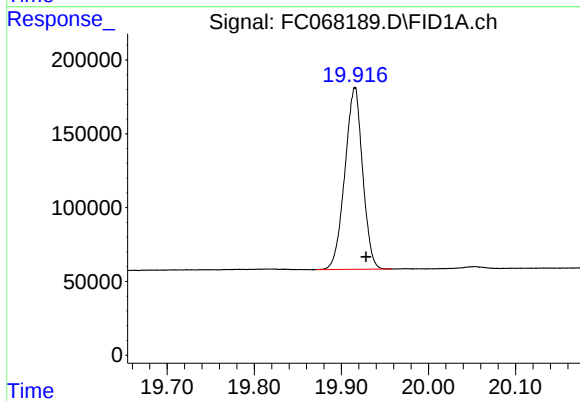
#18 n-Dotriacontane (C32)

R.T.: 18.394 min
Delta R.T.: -0.017 min
Response: 2248442
Conc: 17.99 ug/ml



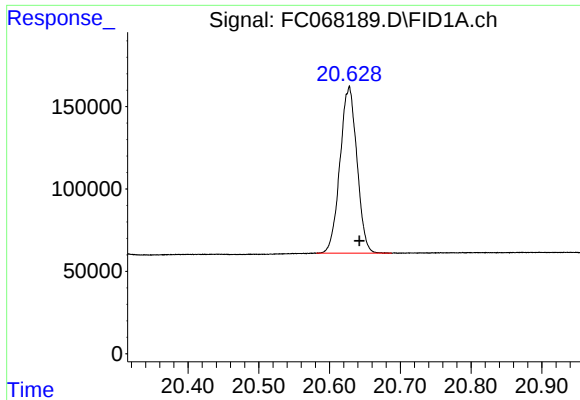
#19 n-Tetratriacontane (C34)

R.T.: 19.176 min
Delta R.T.: -0.015 min
Response: 1990478
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

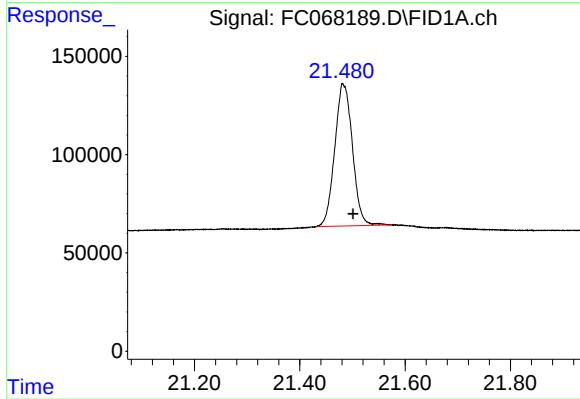
R.T.: 19.915 min
Delta R.T.: -0.013 min
Response: 1743653
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: -0.015 min
Response: 1682816
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.483 min
Delta R.T.: -0.019 min
Response: 1687434
Conc: 20.87 ug/ml