

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068230.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 12:32
 Operator : YP/AJ
 Sample : PB166603BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 07 22:13:27 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			
12) S 1-chlorooctadecane (S...	12.848	4024153	34.992 ug/ml
Spiked Amount 50.000		Recovery =	69.98%
Target Compounds			
1) T n-Nonane (C9)	3.210	2684987	19.608 ug/ml
2) T n-Decane (C10)	4.306	156775	1.129 ug/ml
4) T n-Dodecane (C12)	6.277	3609534	25.838 ug/ml
6) T n-Tetradecane (C14)	8.066	4081119	29.903 ug/ml
7) T n-Hexadecane (C16)	9.662	4373387	31.475 ug/ml
8) T n-Octadecane (C18)	11.100	4566354	32.636 ug/ml
10) T n-Eicosane (C20)	12.407	4915235	36.735 ug/ml
11) T n-Heneicosane (C21)	13.018	4739046	36.082 ug/ml
13) T n-Docosane (C22)	13.602	4720106	36.439 ug/ml
14) T n-Tetracosane (C24)	14.703	4658524	36.285 ug/ml
15) T n-Hexacosane (C26)	15.723	4567364	36.296 ug/ml
16) T n-Octacosane (C28)	16.670	4486341	35.870 ug/ml
17) T n-Tricontane (C30)	17.556	4513557	34.920 ug/ml
18) T n-Dotriacontane (C32)	18.387	4447542	35.577 ug/ml
19) T n-Tetratriacontane (C34)	19.170	4411470	40.668 ug/ml
20) T n-Hexatriacontane (C36)	19.908	4305781	46.527 ug/ml
21) T n-Octatriacontane (C38)	20.621	4422601	51.613 ug/ml
22) T n-Tetracontane (C40)	21.479	4608259	56.991 ug/ml

(f)=RT Delta > 1/2 Window

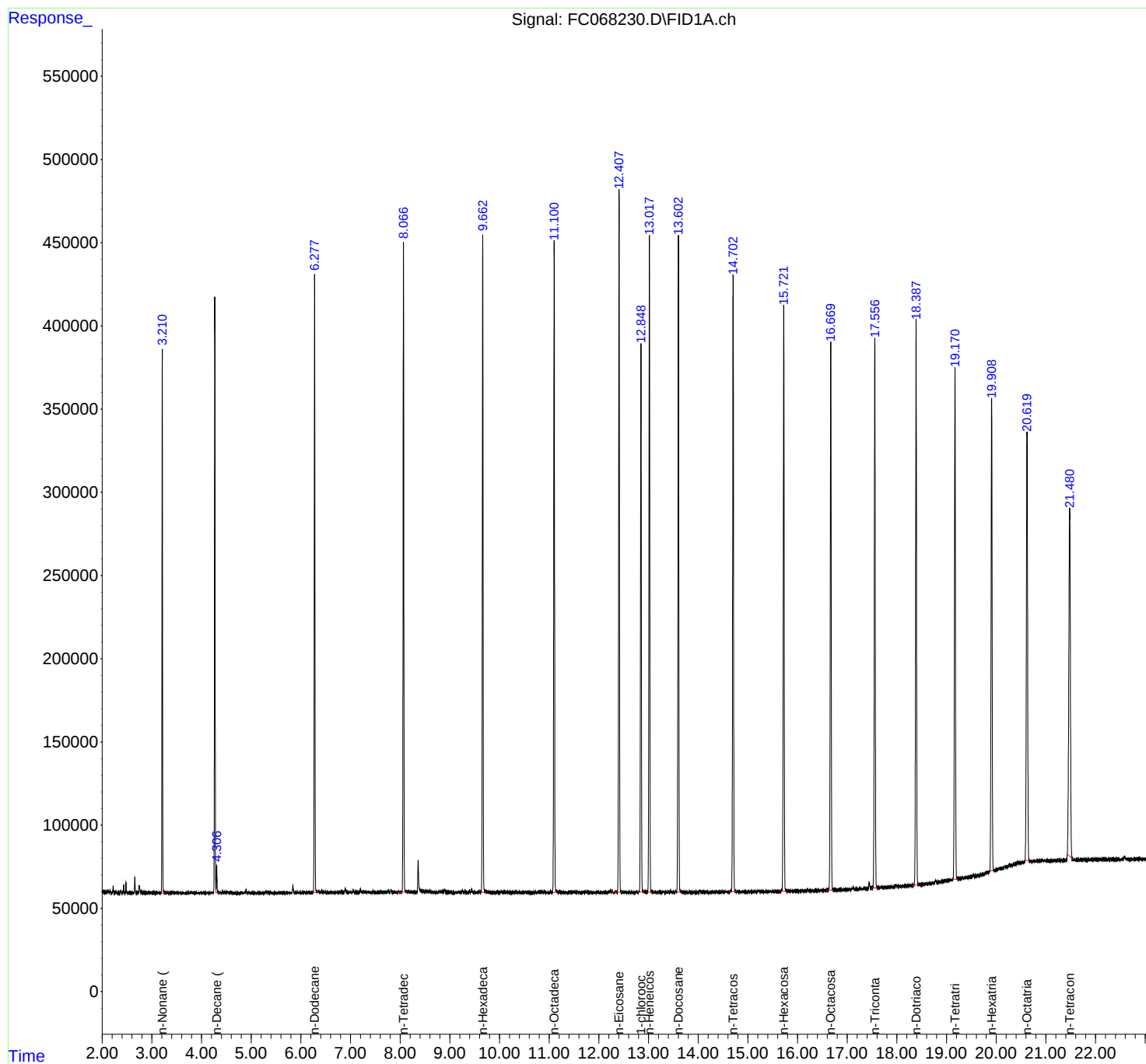
(m)=manual int.

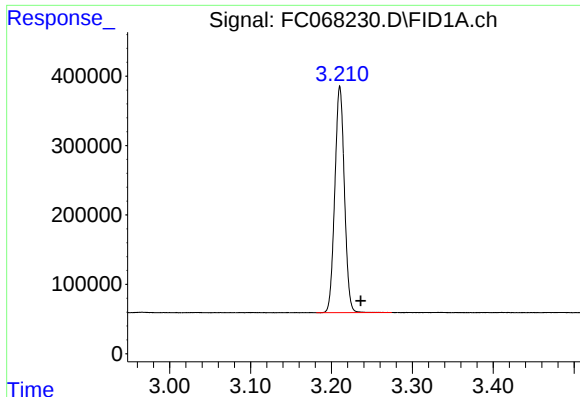
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
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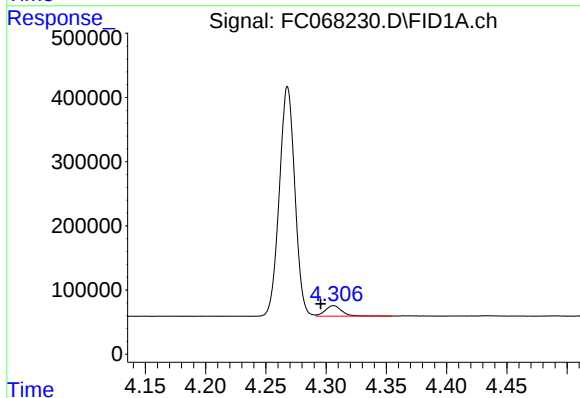




#1 n-Nonane (C9)

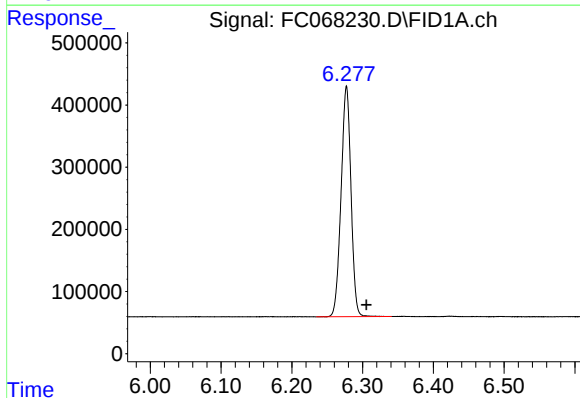
R.T.: 3.210 min
Delta R.T.: -0.026 min
Response: 2684987
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :



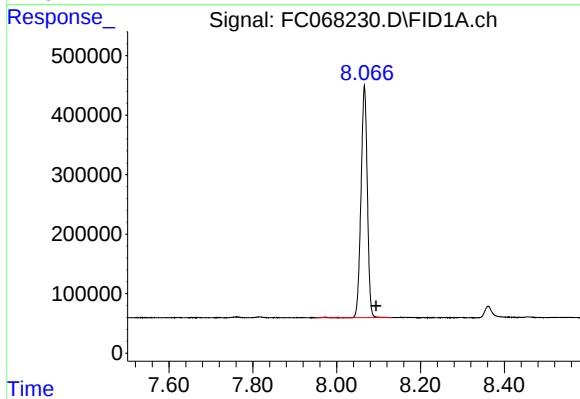
#2 n-Decane (C10)

R.T.: 4.306 min
Delta R.T.: 0.011 min
Response: 156775
Conc: 1.13 ug/ml



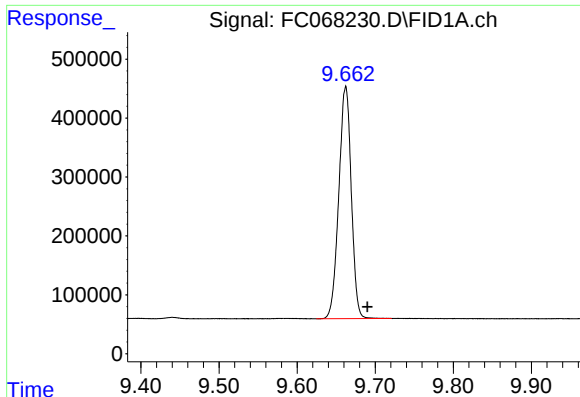
#4 n-Dodecane (C12)

R.T.: 6.277 min
Delta R.T.: -0.028 min
Response: 3609534
Conc: 25.84 ug/ml



#6 n-Tetradecane (C14)

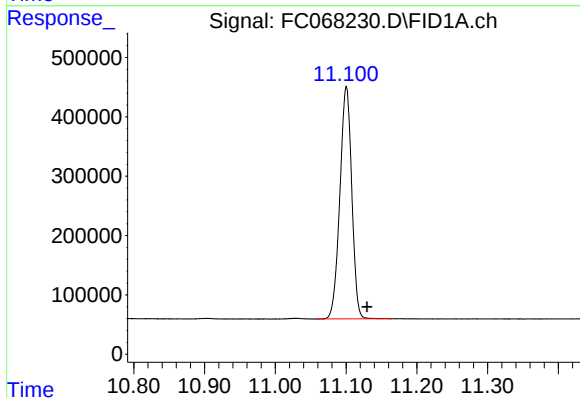
R.T.: 8.066 min
Delta R.T.: -0.028 min
Response: 4081119
Conc: 29.90 ug/ml



#7 n-Hexadecane (C16)

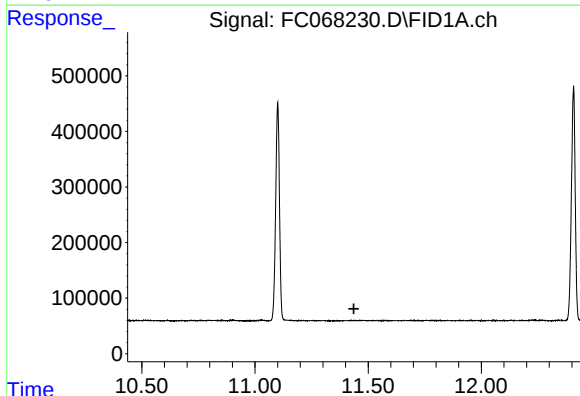
R.T.: 9.662 min
Delta R.T.: -0.028 min
Response: 4373387
Conc: 31.47 ug/ml

Instrument :
FID_C
ClientSampleId :



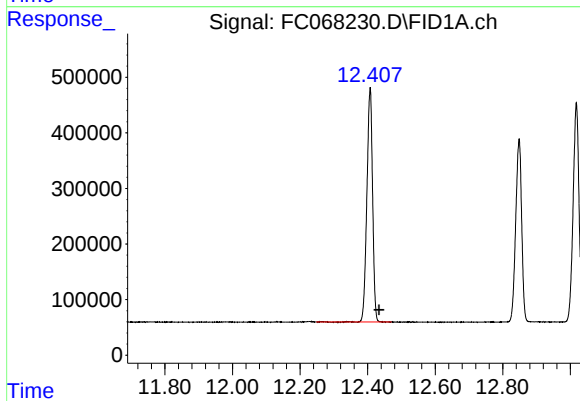
#8 n-Octadecane (C18)

R.T.: 11.100 min
Delta R.T.: -0.029 min
Response: 4566354
Conc: 32.64 ug/ml



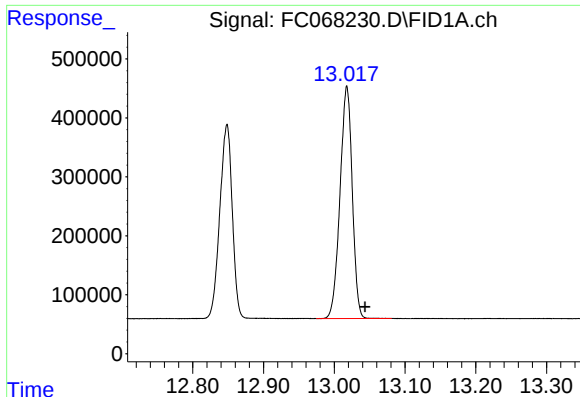
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

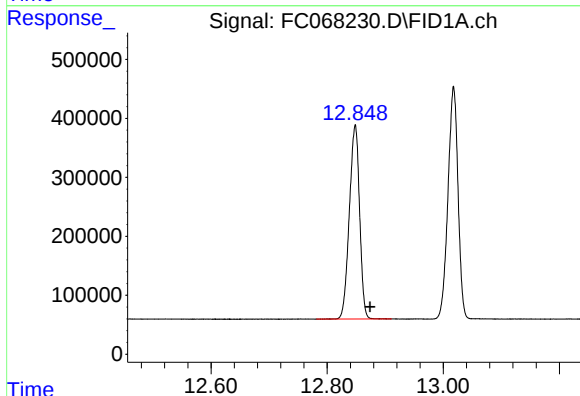
R.T.: 12.407 min
Delta R.T.: -0.027 min
Response: 4915235
Conc: 36.74 ug/ml



#11 n-Heneicosane (C21)

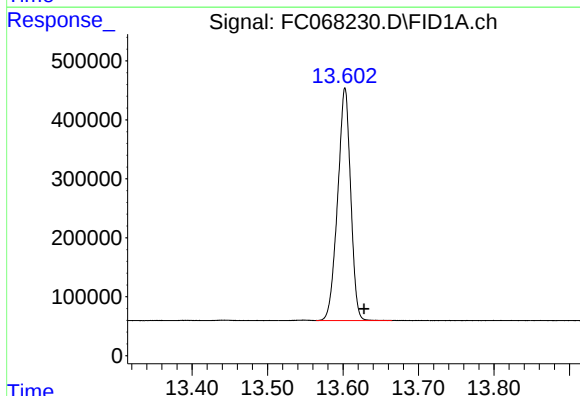
R.T.: 13.018 min
Delta R.T.: -0.026 min
Response: 4739046
Conc: 36.08 ug/ml

Instrument :
FID_C
ClientSampleId :



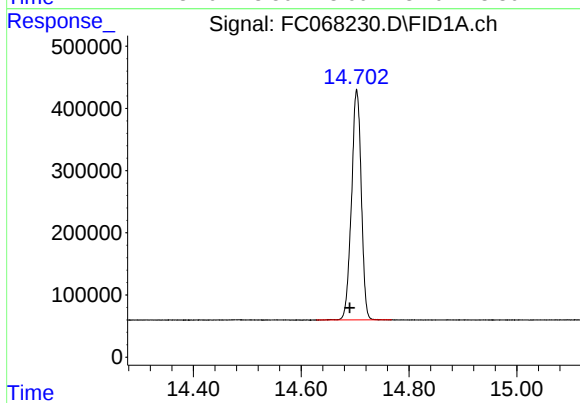
#12 1-chlorooctadecane (SURR)

R.T.: 12.848 min
Delta R.T.: -0.026 min
Response: 4024153
Conc: 34.99 ug/ml



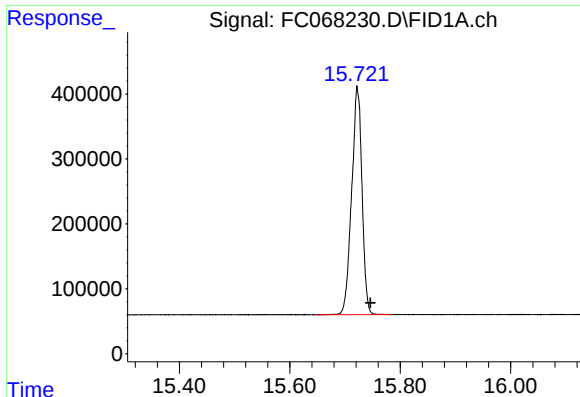
#13 n-Docosane (C22)

R.T.: 13.602 min
Delta R.T.: -0.026 min
Response: 4720106
Conc: 36.44 ug/ml



#14 n-Tetracosane (C24)

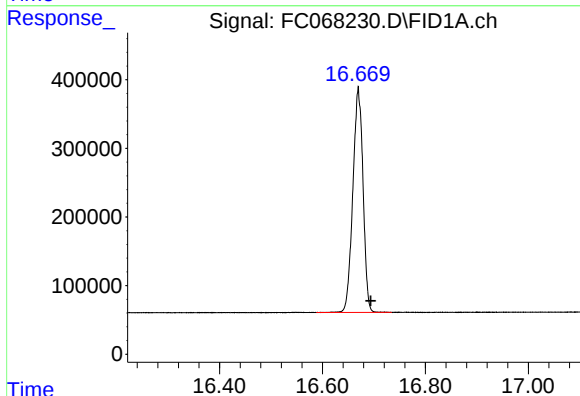
R.T.: 14.703 min
Delta R.T.: 0.013 min
Response: 4658524
Conc: 36.29 ug/ml



#15 n-Hexacosane (C26)

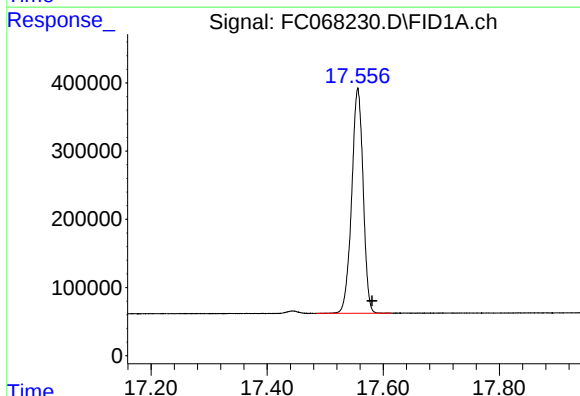
R.T.: 15.723 min
Delta R.T.: -0.024 min
Response: 4567364
Conc: 36.30 ug/ml

Instrument :
FID_C
ClientSampleId :



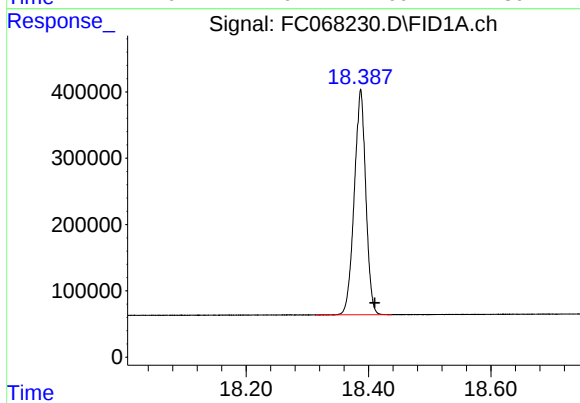
#16 n-Octacosane (C28)

R.T.: 16.670 min
Delta R.T.: -0.024 min
Response: 4486341
Conc: 35.87 ug/ml



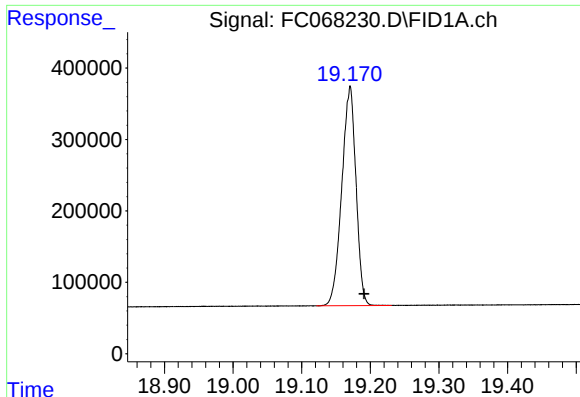
#17 n-Tricontane (C30)

R.T.: 17.556 min
Delta R.T.: -0.024 min
Response: 4513557
Conc: 34.92 ug/ml



#18 n-Dotriacontane (C32)

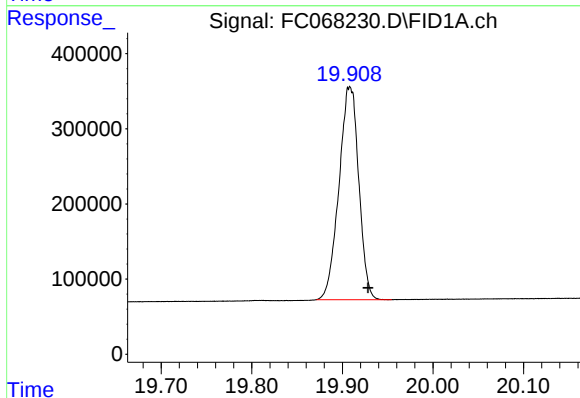
R.T.: 18.387 min
Delta R.T.: -0.023 min
Response: 4447542
Conc: 35.58 ug/ml



#19 n-Tetratriacontane (C34)

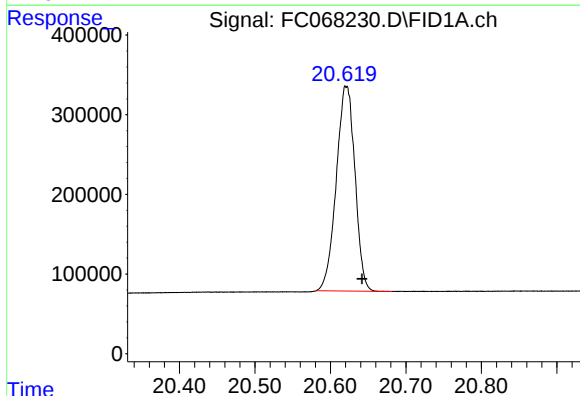
R.T.: 19.170 min
Delta R.T.: -0.021 min
Response: 4411470
Conc: 40.67 ug/ml

Instrument :
FID_C
ClientSampleId :



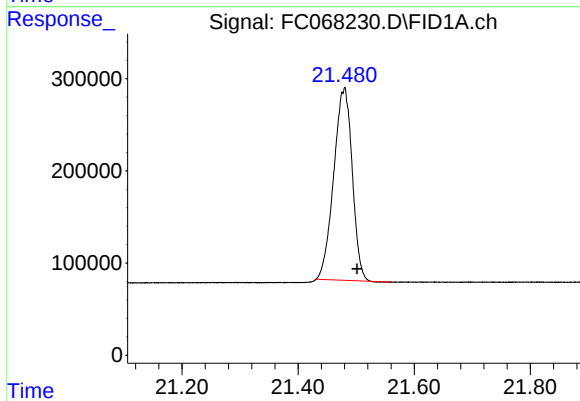
#20 n-Hexatriacontane (C36)

R.T.: 19.908 min
Delta R.T.: -0.020 min
Response: 4305781
Conc: 46.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: -0.021 min
Response: 4422601
Conc: 51.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.479 min
Delta R.T.: -0.022 min
Response: 4608259
Conc: 56.99 ug/ml