

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015851.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:25
 Operator : YP\AJ
 Sample : Q2003-07MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SMS

Integration File: autoint1.e
 Quant Time: May 17 00:43:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.892	5704687	38.315 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
12) S 1-chlorooctadecane (S...	13.336	4566965	39.644 ug/ml
Spiked Amount 50.000		Recovery =	79.29%
Target Compounds			
1) T n-Nonane (C9)	3.248	5575950	49.698 ug/ml
2) T n-Decane (C10)	4.502	5740003	50.733 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3424684	29.293 ug/ml
4) T n-Dodecane (C12)	6.679	5954078	51.671 ug/ml
5) T A~2-methylnaphthalene...	7.312	3112753	27.252 ug/ml
6) T n-Tetradecane (C14)	8.514	5962063	51.762 ug/ml
7) T n-Hexadecane (C16)	10.127	6104265	51.614 ug/ml
8) T n-Octadecane (C18)	11.577	6129544	50.425 ug/ml
10) T n-Eicosane (C20)	12.891	6306760	51.461 ug/ml
11) T n-Heneicosane (C21)	13.505	6031478	49.242 ug/ml
13) T n-Docosane (C22)	14.093	6016241	49.380 ug/ml
14) T n-Tetracosane (C24)	15.198	9632023	79.521 ug/ml
15) T n-Hexacosane (C26)	16.225	5878751	49.109 ug/ml
16) T n-Octacosane (C28)	17.177	5895905	50.003 ug/ml
17) T n-Tricontane (C30)	18.068	5852237	49.250 ug/ml
18) T n-Dotriacontane (C32)	18.902	6083969	51.508 ug/ml
19) T n-Tetratriacontane (C34)	19.686	5591462	50.073 ug/ml
20) T n-Hexatriacontane (C36)	20.427	5305315	49.062 ug/ml
21) T n-Octatriacontane (C38)	21.166	5228855	50.337 ug/ml
22) T n-Tetracontane (C40)	22.083	4991546	48.948 ug/ml

(f)=RT Delta > 1/2 Window

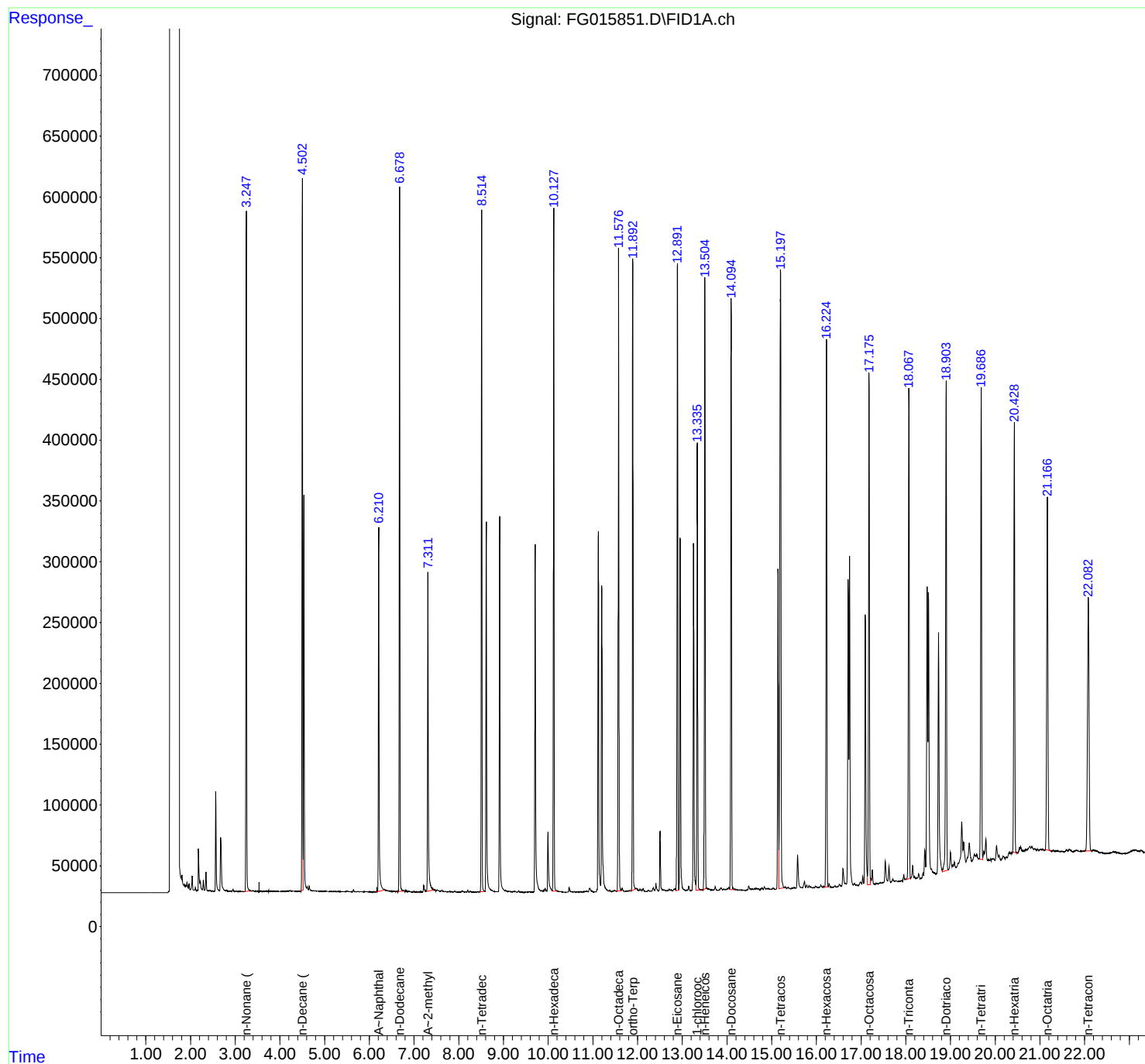
(m)=manual int.

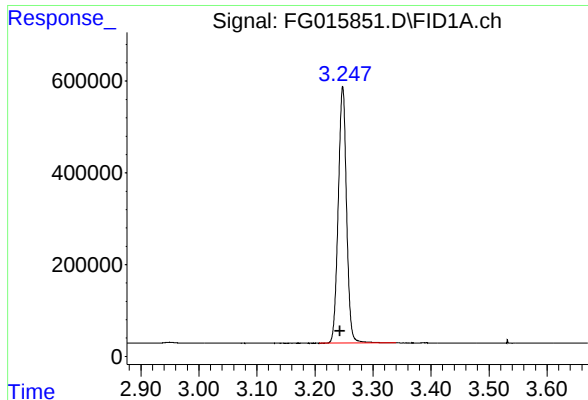
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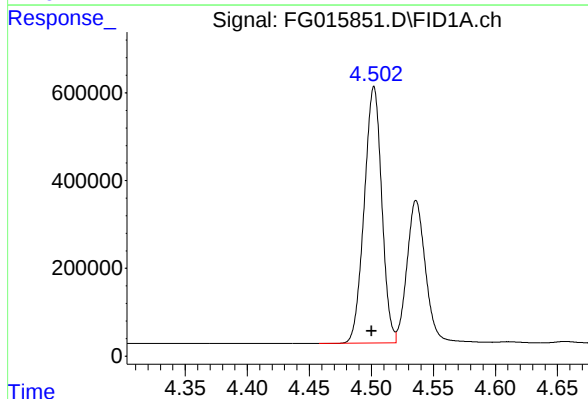




#1 n-Nonane (C9)

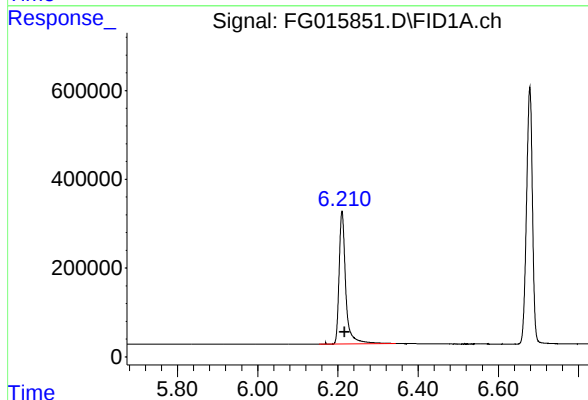
R.T.: 3.248 min
Delta R.T.: 0.005 min
Response: 5575950
Conc: 49.70 ug/ml

Instrument :
FID_G
ClientSampleId :
SMS



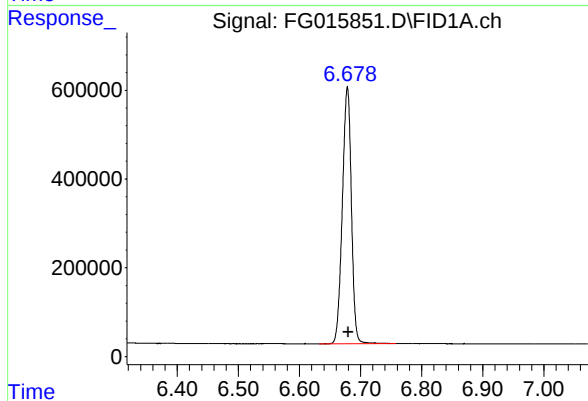
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: 0.002 min
Response: 5740003
Conc: 50.73 ug/ml



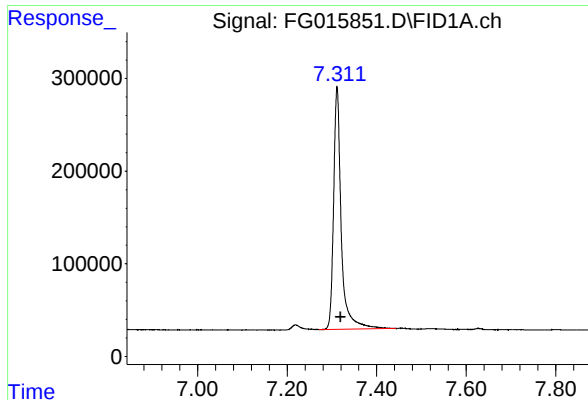
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.006 min
Response: 3424684
Conc: 29.29 ug/ml



#4 n-Dodecane (C12)

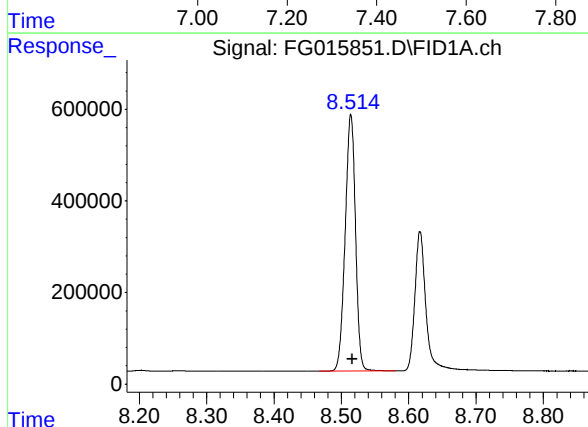
R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 5954078
Conc: 51.67 ug/ml



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

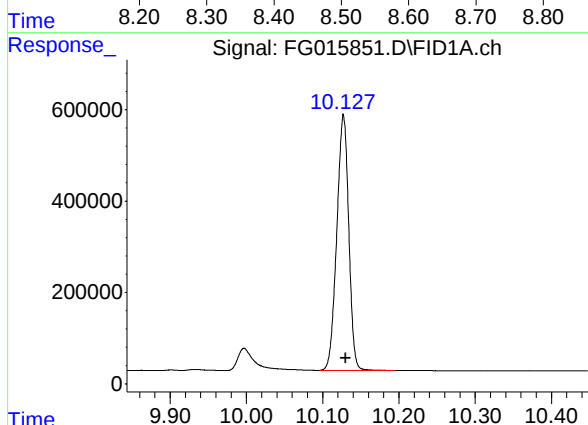
R.T.: 7.312 min
Delta R.T.: -0.008 min
Response: 3112753
Conc: 27.25 ug/ml

Instrument :
FID_G
ClientSampleId :
SMS



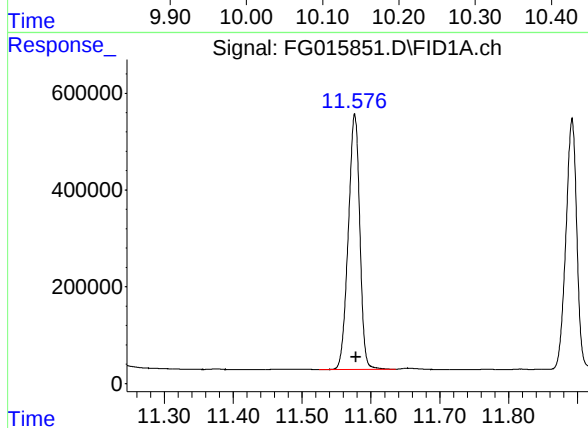
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 5962063
Conc: 51.76 ug/ml



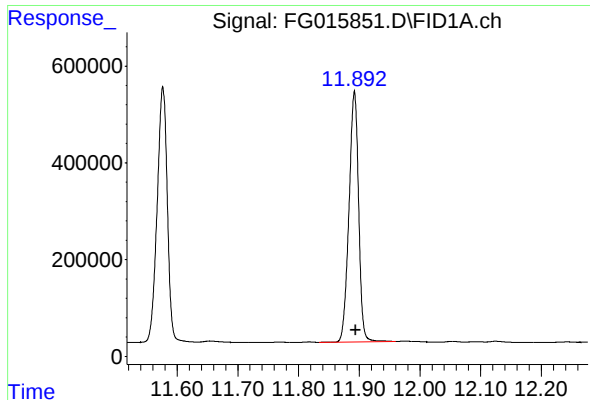
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.003 min
Response: 6104265
Conc: 51.61 ug/ml



#8 n-Octadecane (C18)

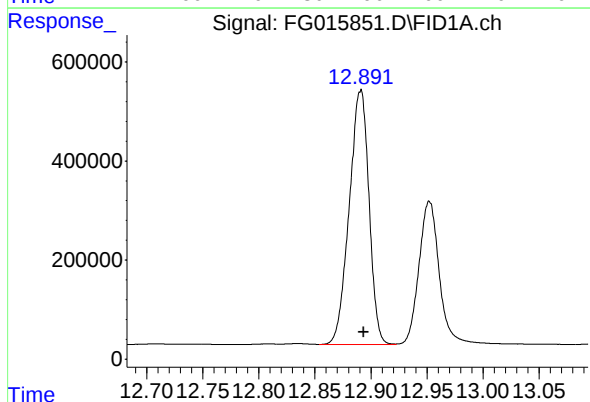
R.T.: 11.577 min
Delta R.T.: -0.002 min
Response: 6129544
Conc: 50.43 ug/ml



#9 ortho-Terphenyl (SURR)

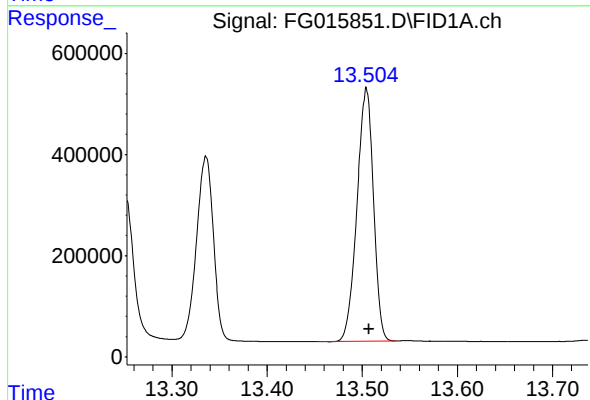
R.T.: 11.892 min
Delta R.T.: -0.002 min
Response: 5704687
Conc: 38.32 ug/ml

Instrument :
FID_G
ClientSampleId :
SMS



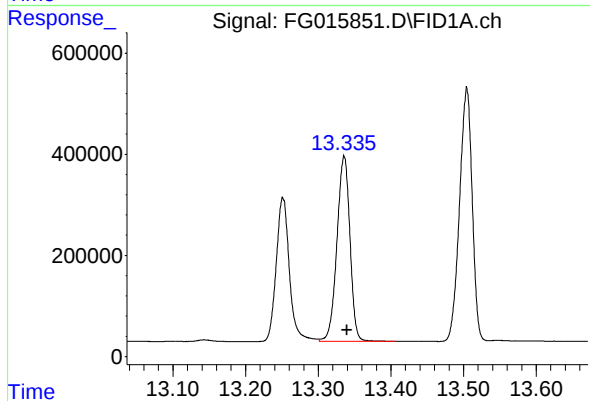
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 6306760
Conc: 51.46 ug/ml



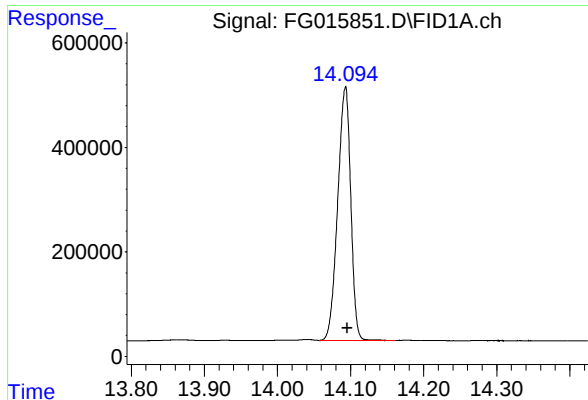
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 6031478
Conc: 49.24 ug/ml



#12 1-chlorooctadecane (SURR)

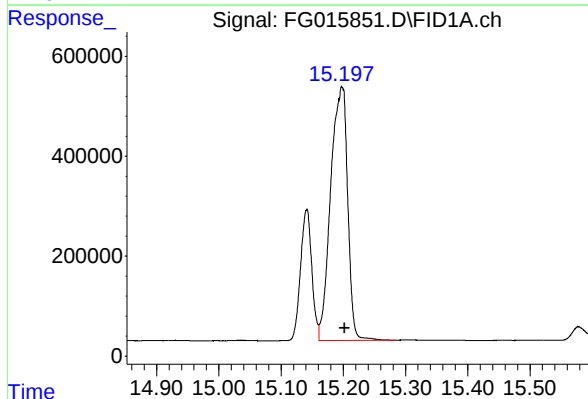
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 4566965
Conc: 39.64 ug/ml



#13 n-Docosane (C22)

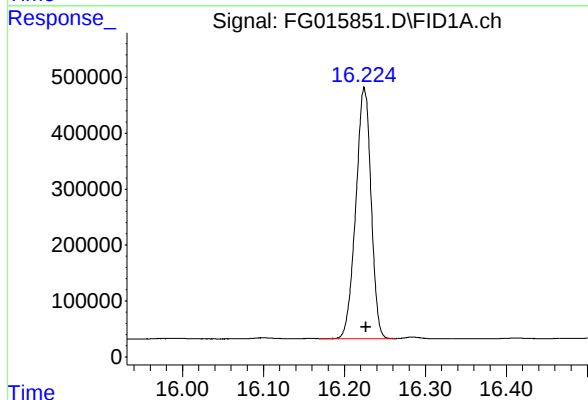
R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 6016241
Conc: 49.38 ug/ml

Instrument :
FID_G
ClientSampleId :
SMS



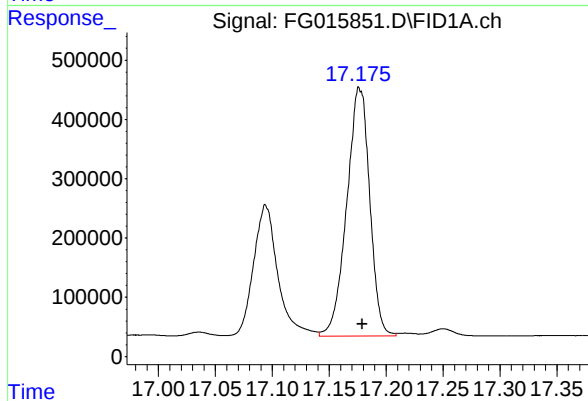
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.004 min
Response: 9632023
Conc: 79.52 ug/ml



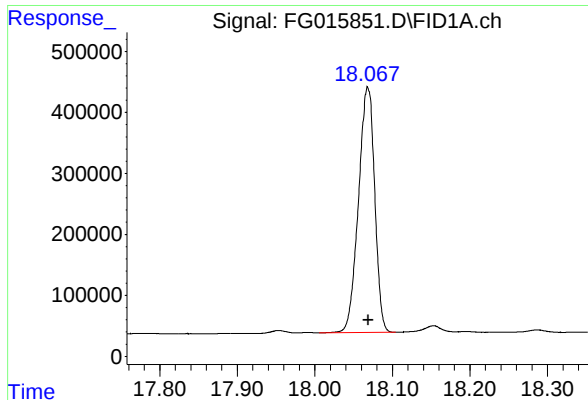
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.002 min
Response: 5878751
Conc: 49.11 ug/ml



#16 n-Octacosane (C28)

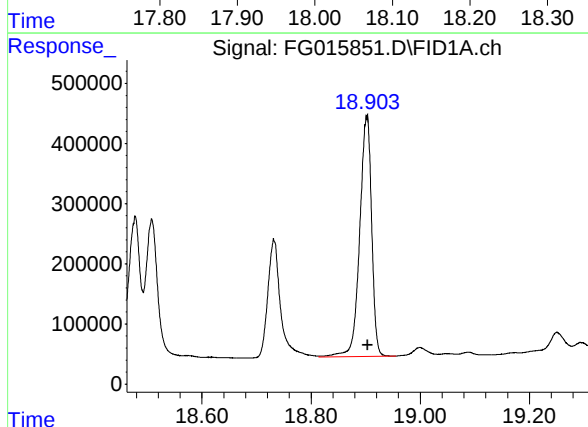
R.T.: 17.177 min
Delta R.T.: -0.003 min
Response: 5895905
Conc: 50.00 ug/ml



#17 n-Tricontane (C30)

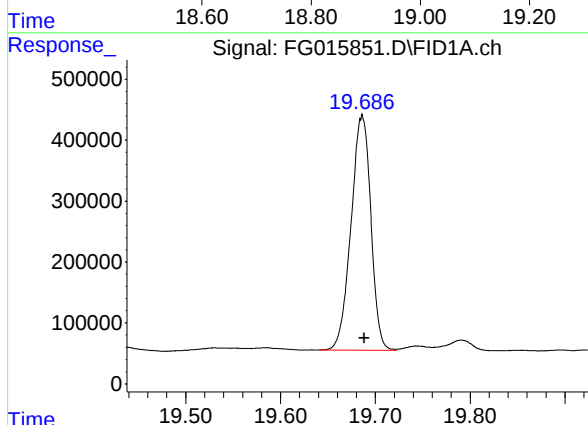
R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 5852237
Conc: 49.25 ug/ml

Instrument :
FID_G
ClientSampleId :
SMS



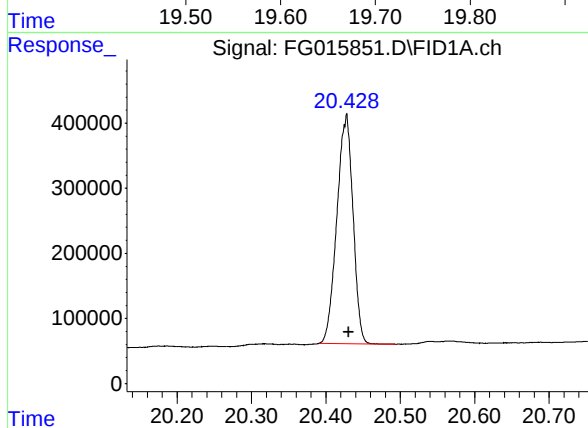
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.001 min
Response: 6083969
Conc: 51.51 ug/ml



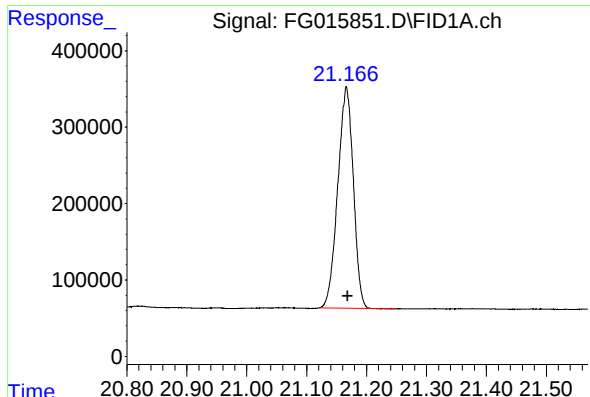
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.002 min
Response: 5591462
Conc: 50.07 ug/ml



#20 n-Hexatriacontane (C36)

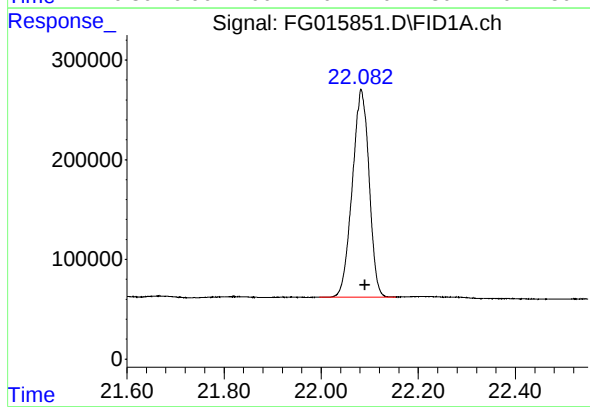
R.T.: 20.427 min
Delta R.T.: -0.004 min
Response: 5305315
Conc: 49.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: -0.002 min
Response: 5228855
Conc: 50.34 ug/ml

Instrument :
FID_G
ClientSampleId :
SMS



#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: -0.007 min
Response: 4991546
Conc: 48.95 ug/ml