

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
 Data File : FC067872.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2024 08:42
 Operator : YP/AJ
 Sample : PB165286BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165286BS

Integration File: autoint1.e
 Quant Time: Nov 28 00:11:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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...	12.938	4541258	31.284 ug/ml
Spiked Amount 50.000		Recovery =	62.57%
Target Compounds			
1) T n-Nonane (C9)	3.287	2727270	16.720 ug/ml
2) T n-Decane (C10)	4.350	3714748	22.401 ug/ml
4) T n-Dodecane (C12)	6.362	4863230	28.874 ug/ml
6) T n-Tetradecane (C14)	8.154	5695435	34.008 ug/ml
7) T n-Hexadecane (C16)	9.751	6410093	36.989 ug/ml
8) T n-Octadecane (C18)	11.190	6970399	39.618 ug/ml
10) T n-Eicosane (C20)	12.497	7240964	43.002 ug/ml
11) T n-Heneicosane (C21)	13.107	6948875	42.232 ug/ml
13) T n-Docosane (C22)	13.692	6862818	42.141 ug/ml
14) T n-Tetracosane (C24)	14.793	6628011	41.326 ug/ml
15) T n-Hexacosane (C26)	15.812	6372773	41.151 ug/ml
16) T n-Octacosane (C28)	16.759	6181177	40.929 ug/ml
17) T n-Tricontane (C30)	17.645	6068763	39.637 ug/ml
18) T n-Dotriacontane (C32)	18.475	5865010	39.711 ug/ml
19) T n-Tetratriacontane (C34)	19.258	5649106	44.788 ug/ml
20) T n-Hexatriacontane (C36)	19.995	5339540	51.053 ug/ml
21) T n-Octatriacontane (C38)	20.719	5167356	52.899 ug/ml
22) T n-Tetracontane (C40)	21.603	5013184	51.435 ug/ml

(f)=RT Delta > 1/2 Window

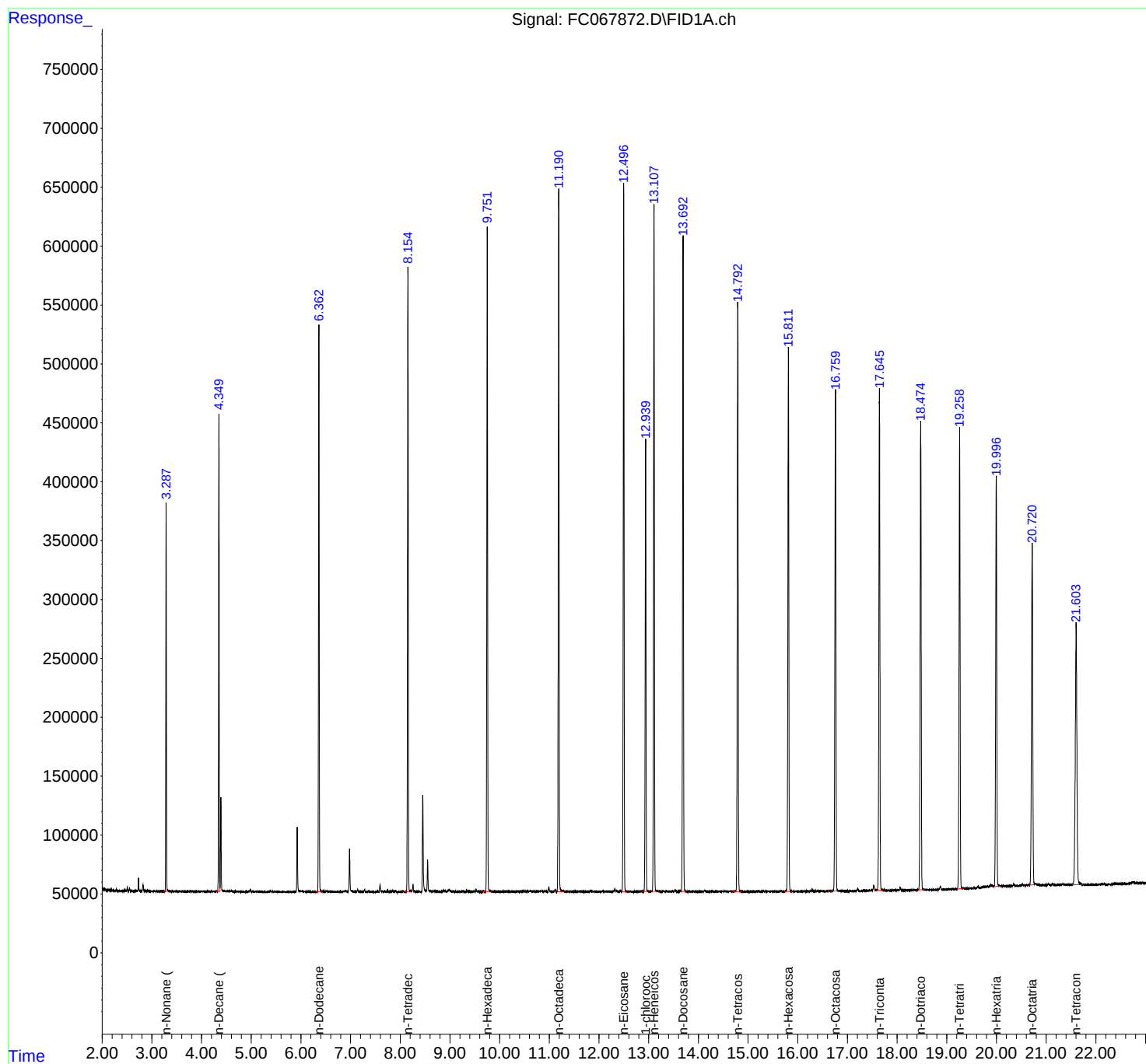
(m)=manual int.

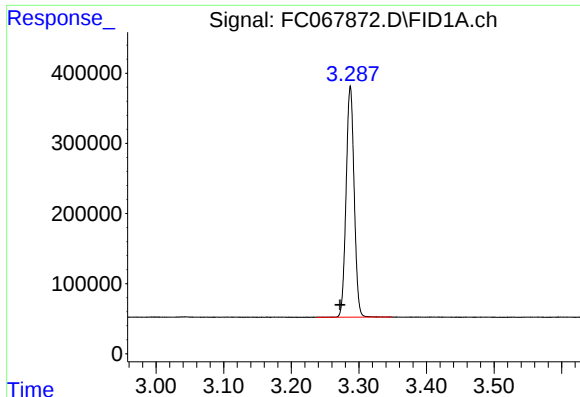
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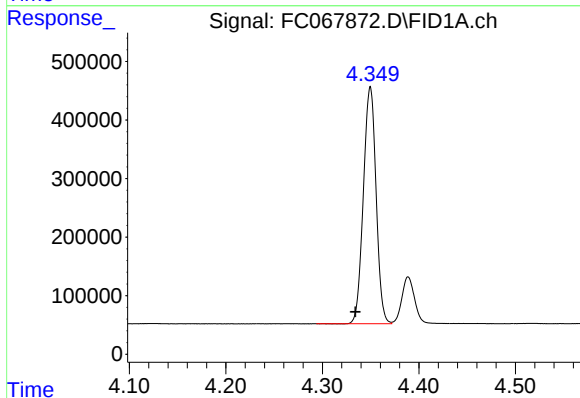




#1 n-Nonane (C9)

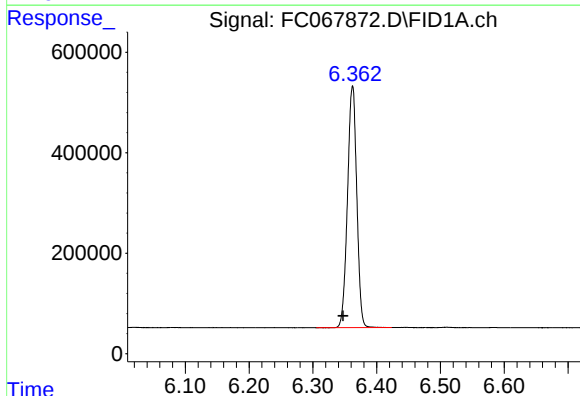
R.T.: 3.287 min
Delta R.T.: 0.015 min
Response: 2727270
Conc: 16.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165286BS



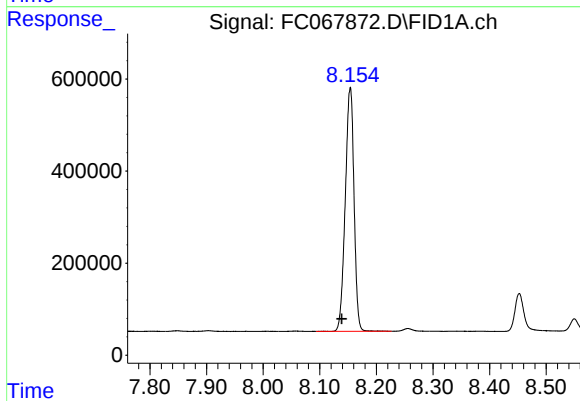
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.015 min
Response: 3714748
Conc: 22.40 ug/ml



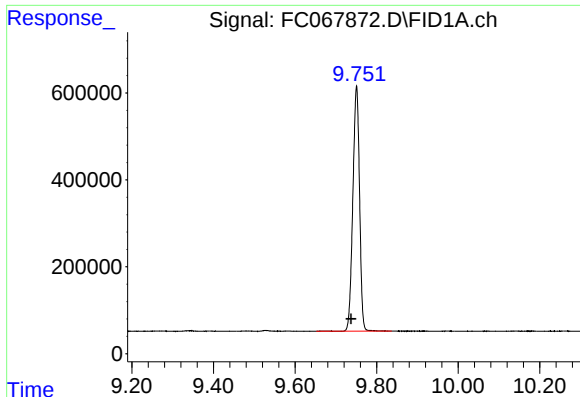
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.015 min
Response: 4863230
Conc: 28.87 ug/ml



#6 n-Tetradecane (C14)

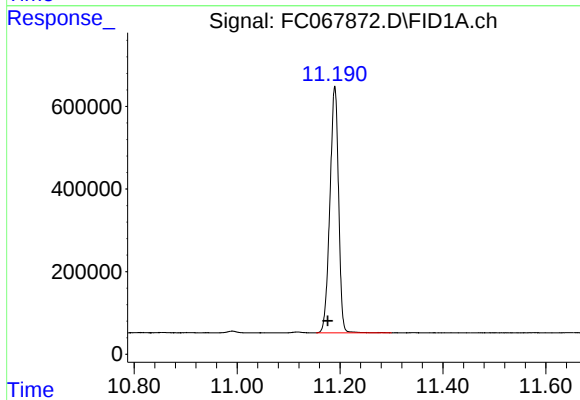
R.T.: 8.154 min
Delta R.T.: 0.015 min
Response: 5695435
Conc: 34.01 ug/ml



#7 n-Hexadecane (C16)

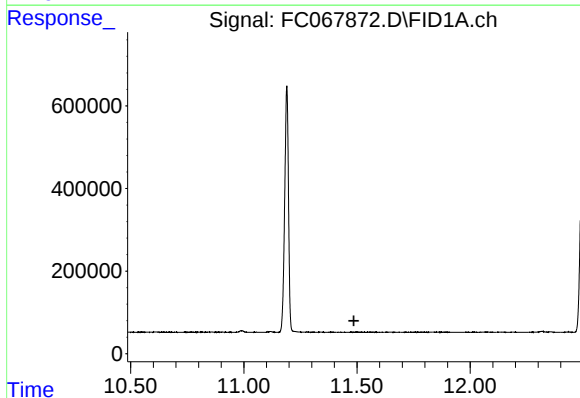
R.T.: 9.751 min
Delta R.T.: 0.014 min
Response: 6410093
Conc: 36.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165286BS



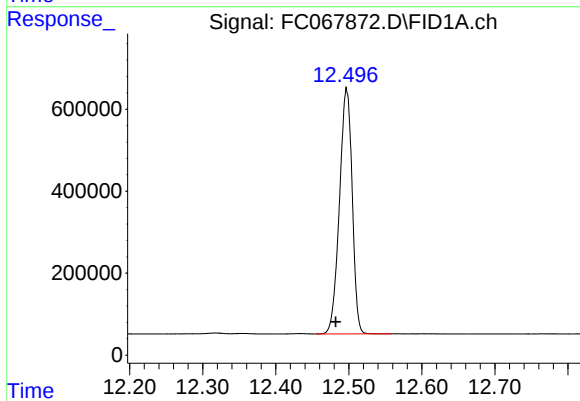
#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.014 min
Response: 6970399
Conc: 39.62 ug/ml



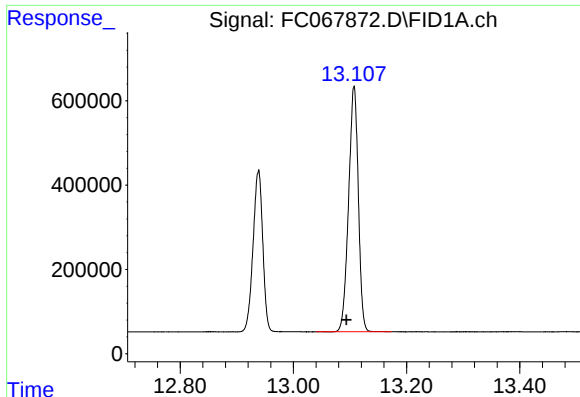
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

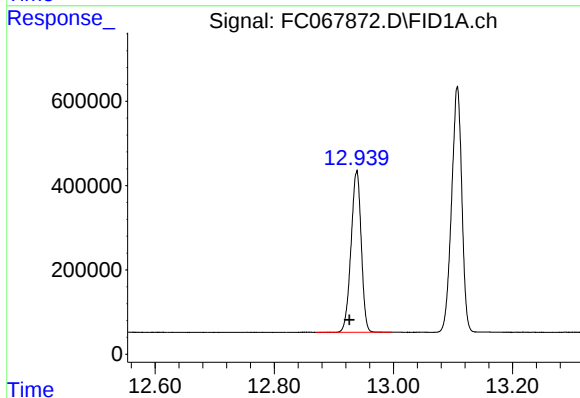
R.T.: 12.497 min
Delta R.T.: 0.015 min
Response: 7240964
Conc: 43.00 ug/ml



#11 n-Heneicosane (C21)

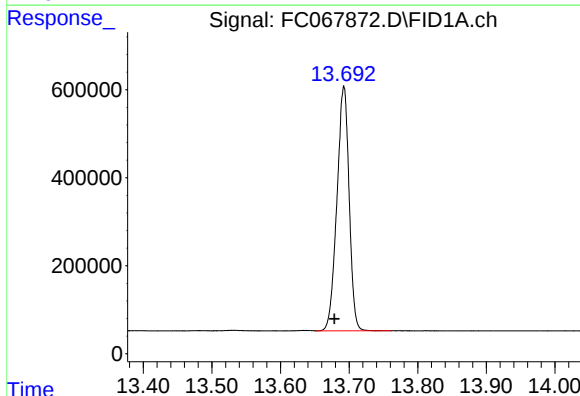
R.T.: 13.107 min
Delta R.T.: 0.014 min
Response: 6948875
Conc: 42.23 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165286BS



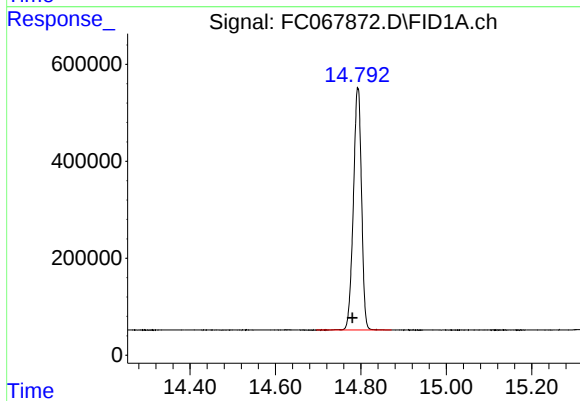
#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: 0.012 min
Response: 4541258
Conc: 31.28 ug/ml



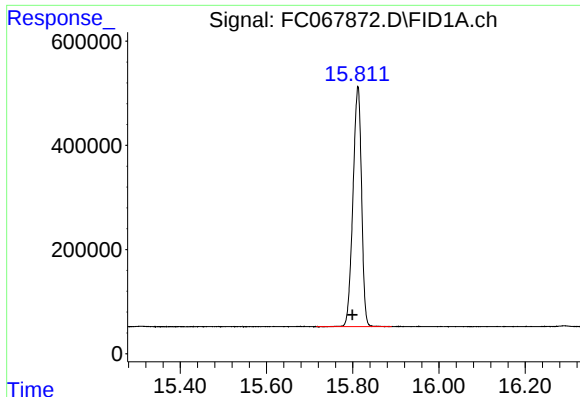
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: 0.014 min
Response: 6862818
Conc: 42.14 ug/ml



#14 n-Tetracosane (C24)

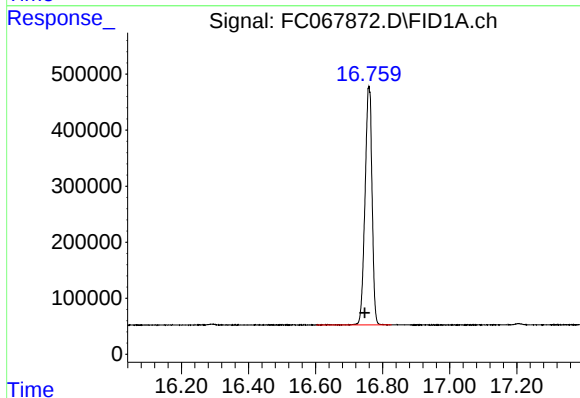
R.T.: 14.793 min
Delta R.T.: 0.013 min
Response: 6628011
Conc: 41.33 ug/ml



#15 n-Hexacosane (C26)

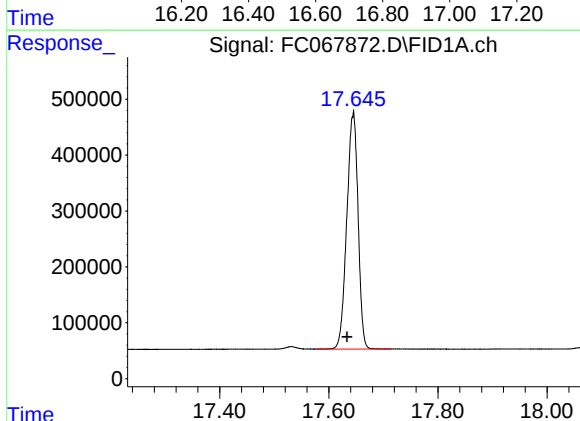
R.T.: 15.812 min
Delta R.T.: 0.012 min
Response: 6372773
Conc: 41.15 ug/ml

Instrument :
FID_C
ClientSampleId :
PB165286BS



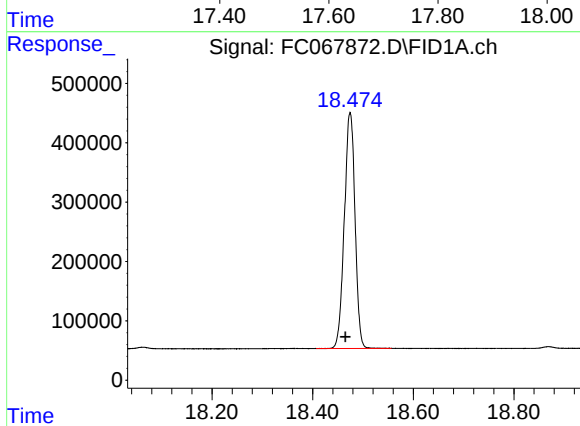
#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: 0.013 min
Response: 6181177
Conc: 40.93 ug/ml



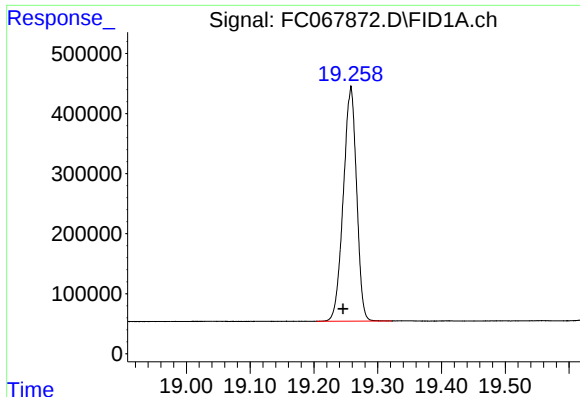
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.011 min
Response: 6068763
Conc: 39.64 ug/ml



#18 n-Dotriacontane (C32)

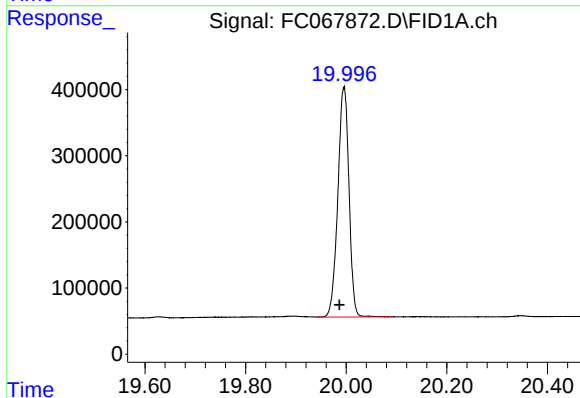
R.T.: 18.475 min
Delta R.T.: 0.010 min
Response: 5865010
Conc: 39.71 ug/ml



#19 n-Tetratriacontane (C34)

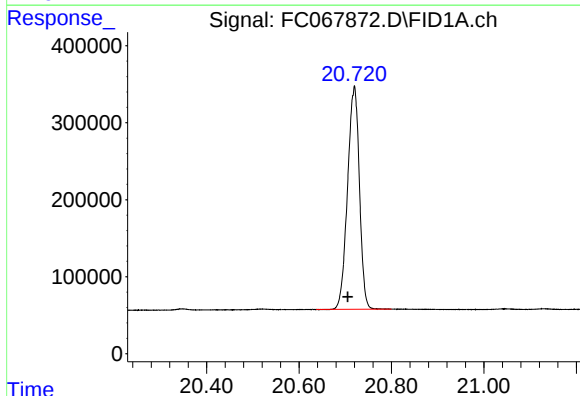
R.T.: 19.258 min
Delta R.T.: 0.012 min
Response: 5649106
Conc: 44.79 ug/ml

Instrument :
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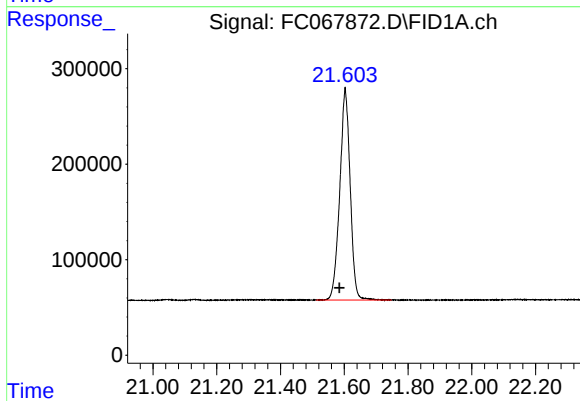
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.009 min
Response: 5339540
Conc: 51.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.014 min
Response: 5167356
Conc: 52.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.018 min
Response: 5013184
Conc: 51.43 ug/ml