

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051724AL\
 Data File : FC066418.D
 Signal(s) : FID1A.ch
 Acq On : 17 May 2024 18:57
 Operator : YP/AJ
 Sample : P2474-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-114-SB01MSD

Integration File: autoint1.e
 Quant Time: May 18 02:18:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	12.996	3468551	28.278 ug/ml
Spiked Amount 50.000		Recovery =	56.56%
Target Compounds			
1) T n-Nonane (C9)	3.313	3086669	20.437 ug/ml
2) T n-Decane (C10)	4.381	3796572	24.688 ug/ml
4) T n-Dodecane (C12)	6.401	4151903	27.016 ug/ml
6) T n-Tetradecane (C14)	8.198	4472793	29.555 ug/ml
7) T n-Hexadecane (C16)	9.800	4756771	31.109 ug/ml
8) T n-Octadecane (C18)	11.243	4922410	32.429 ug/ml
10) T n-Eicosane (C20)	12.553	4993423	34.712 ug/ml
11) T n-Heneicosane (C21)	13.165	4826798	34.338 ug/ml
13) T n-Docosane (C22)	13.751	4787951	34.198 ug/ml
14) T n-Tetracosane (C24)	14.854	4743505	33.695 ug/ml
15) T n-Hexacosane (C26)	15.876	4629832	33.848 ug/ml
16) T n-Octacosane (C28)	16.826	4498941	33.594 ug/ml
17) T n-Tricontane (C30)	17.713	4472850	33.191 ug/ml
18) T n-Dotriacontane (C32)	18.545	4411026	34.259 ug/ml
19) T n-Tetratriacontane (C34)	19.329	4321690	36.527 ug/ml
20) T n-Hexatriacontane (C36)	20.069	4404924	38.322 ug/ml
21) T n-Octatriacontane (C38)	20.803	4190169	38.929 ug/ml
22) T n-Tetracontane (C40)	21.711	3988154	37.191 ug/ml

(f)=RT Delta > 1/2 Window

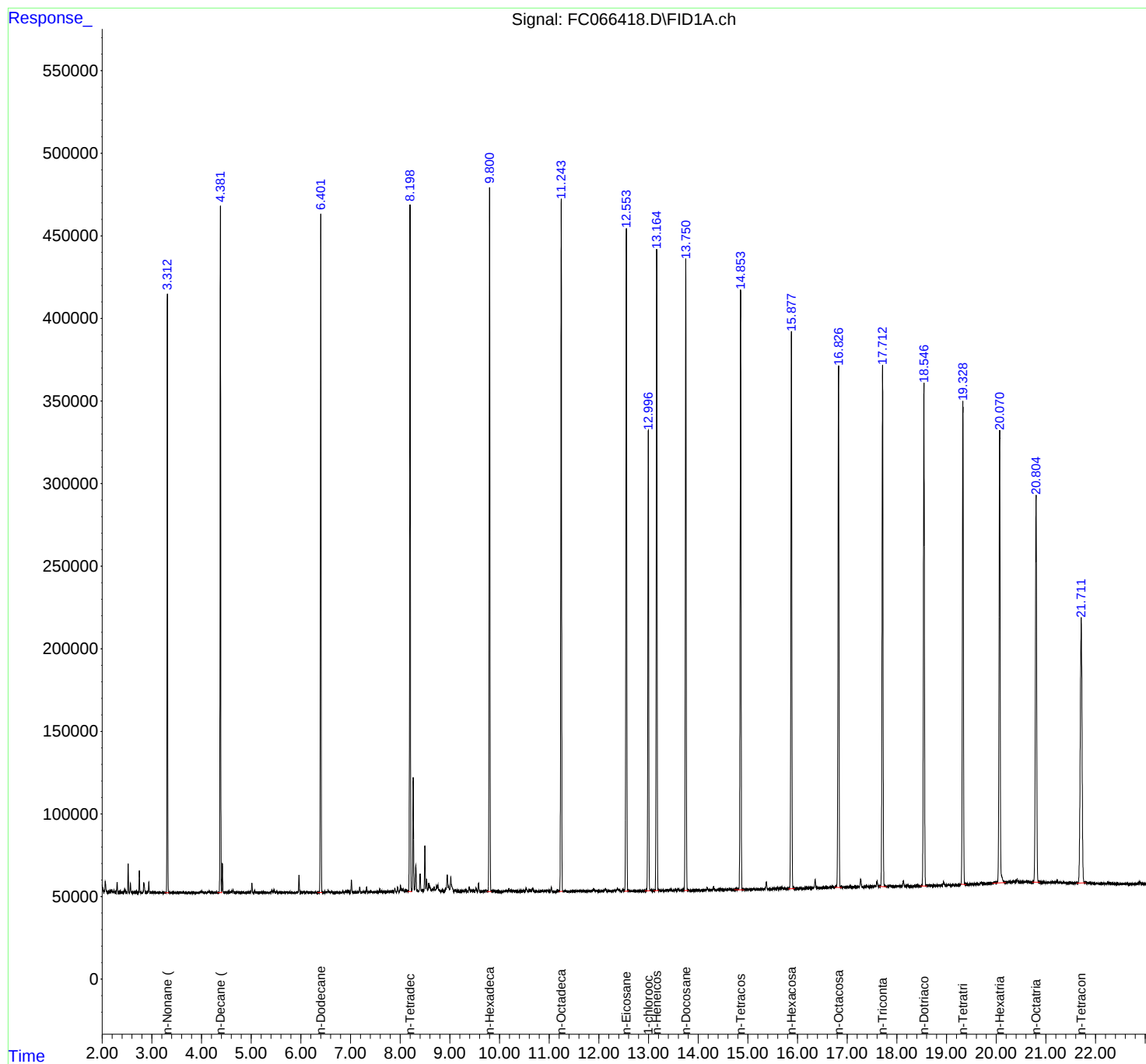
(m)=manual int.

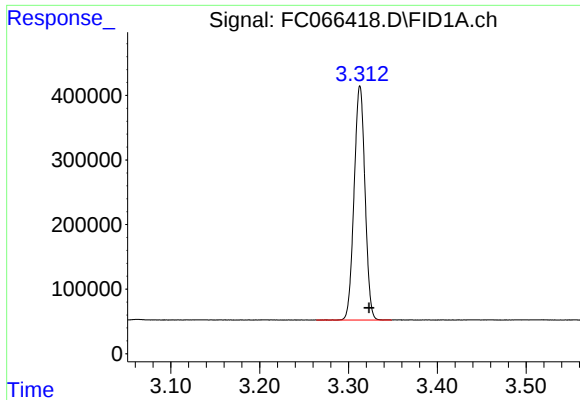
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051724AL\
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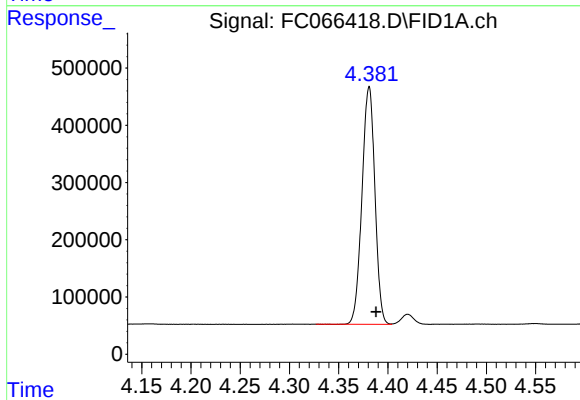




#1 n-Nonane (C9)

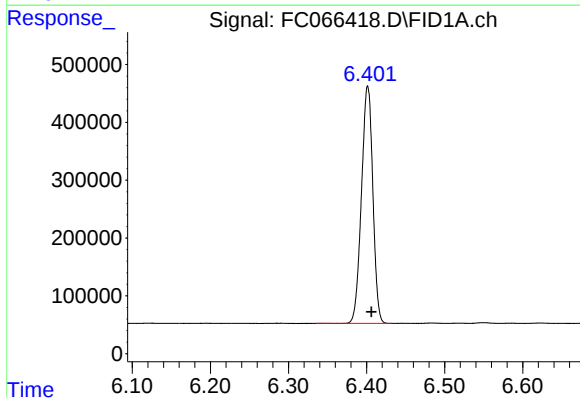
R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 3086669
Conc: 20.44 ug/ml

Instrument :
FID_C
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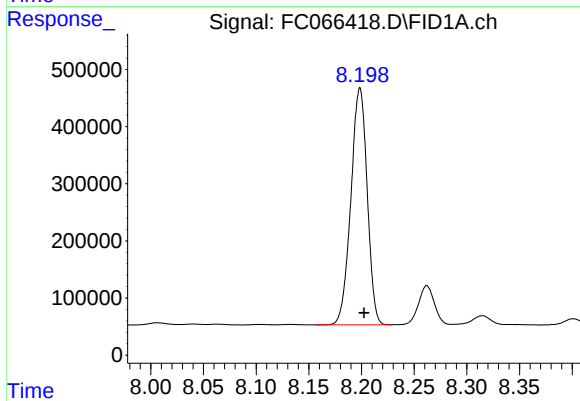
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.007 min
Response: 3796572
Conc: 24.69 ug/ml



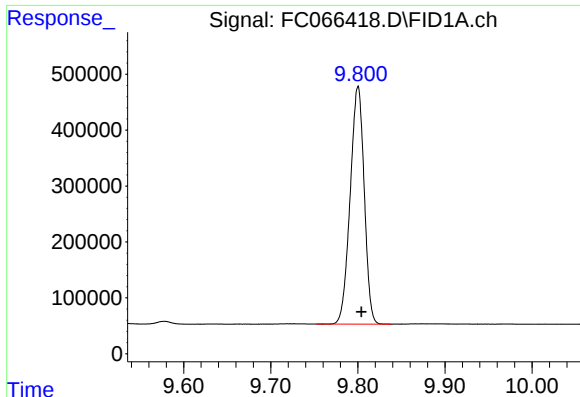
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 4151903
Conc: 27.02 ug/ml



#6 n-Tetradecane (C14)

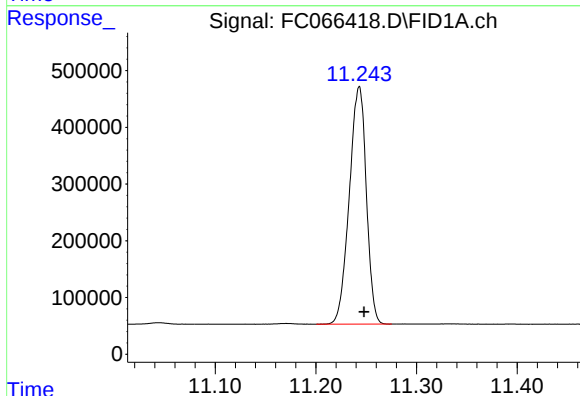
R.T.: 8.198 min
Delta R.T.: -0.004 min
Response: 4472793
Conc: 29.55 ug/ml



#7 n-Hexadecane (C16)

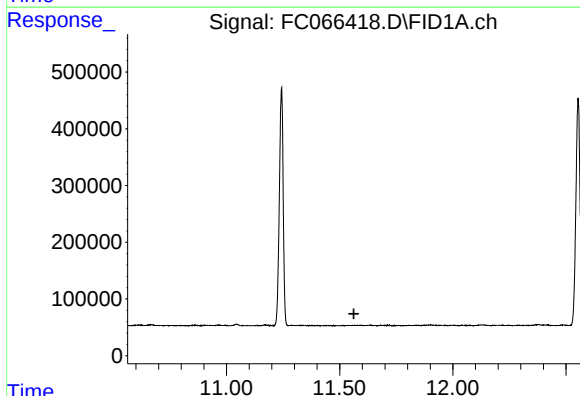
R.T.: 9.800 min
Delta R.T.: -0.004 min
Response: 4756771
Conc: 31.11 ug/ml

Instrument :
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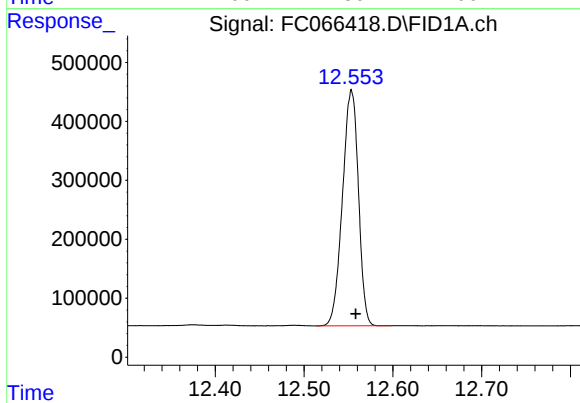
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.005 min
Response: 4922410
Conc: 32.43 ug/ml



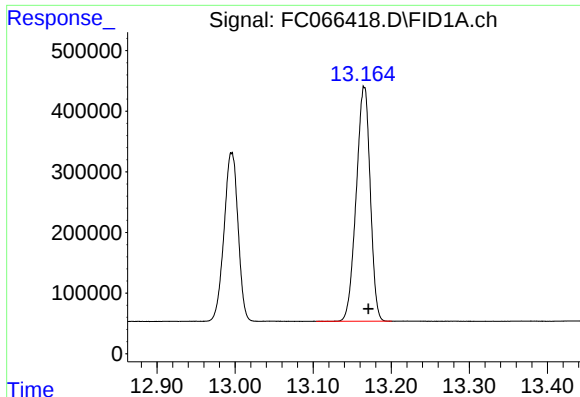
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

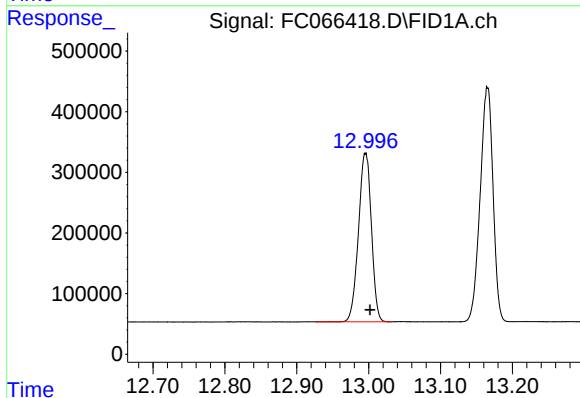
R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 4993423
Conc: 34.71 ug/ml



#11 n-Heneicosane (C21)

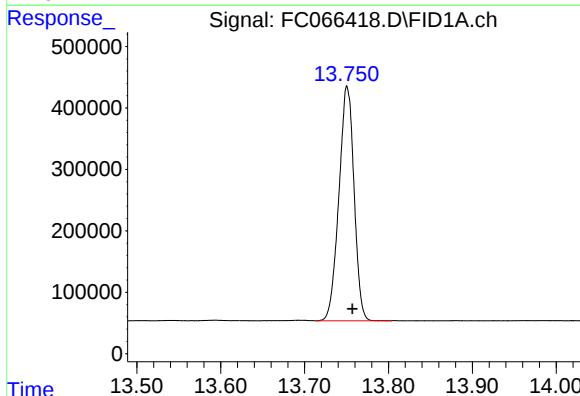
R.T.: 13.165 min
Delta R.T.: -0.005 min
Response: 4826798
Conc: 34.34 ug/ml

Instrument :
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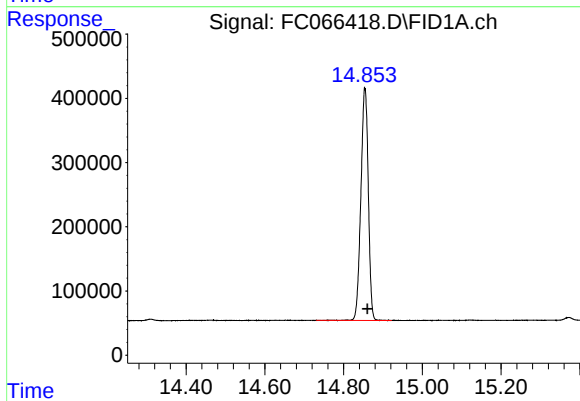
#12 1-chlorooctadecane (SURR)

R.T.: 12.996 min
Delta R.T.: -0.007 min
Response: 3468551
Conc: 28.28 ug/ml



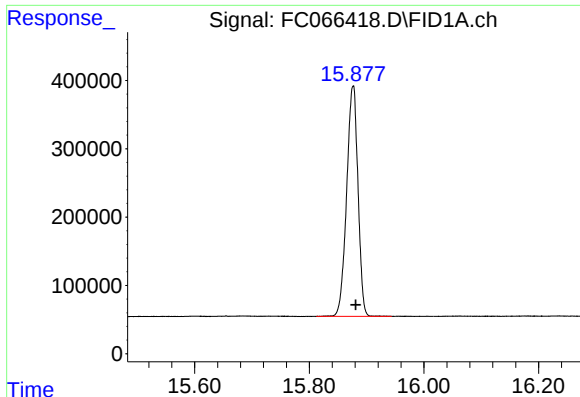
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.006 min
Response: 4787951
Conc: 34.20 ug/ml



#14 n-Tetracosane (C24)

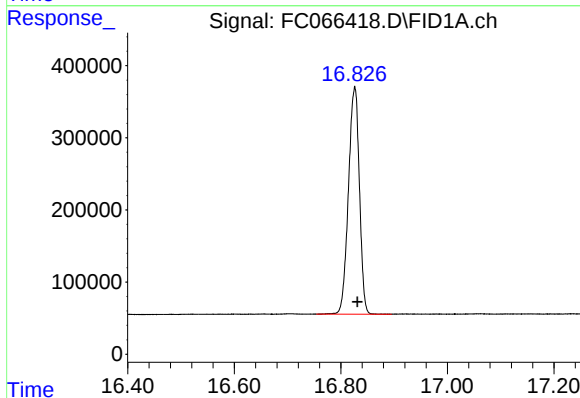
R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 4743505
Conc: 33.69 ug/ml



#15 n-Hexacosane (C26)

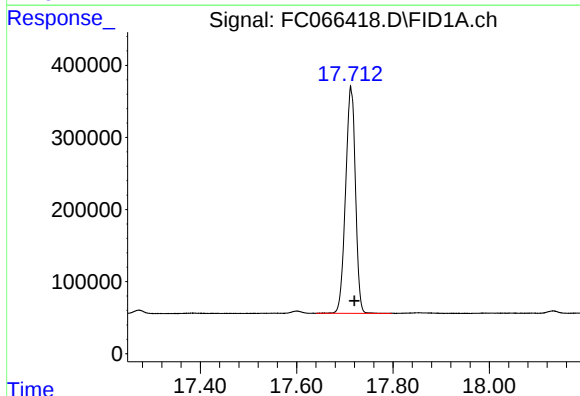
R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 4629832
Conc: 33.85 ug/ml

Instrument :
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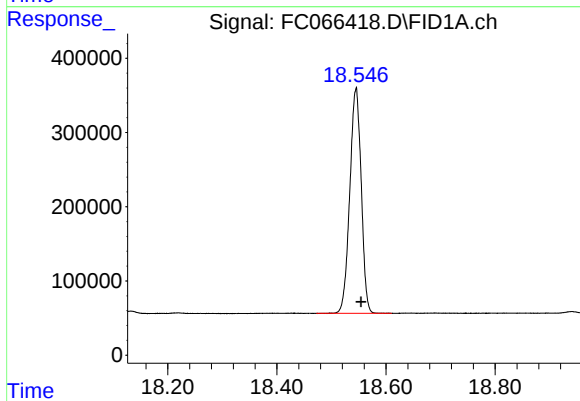
#16 n-Octacosane (C28)

R.T.: 16.826 min
Delta R.T.: -0.006 min
Response: 4498941
Conc: 33.59 ug/ml



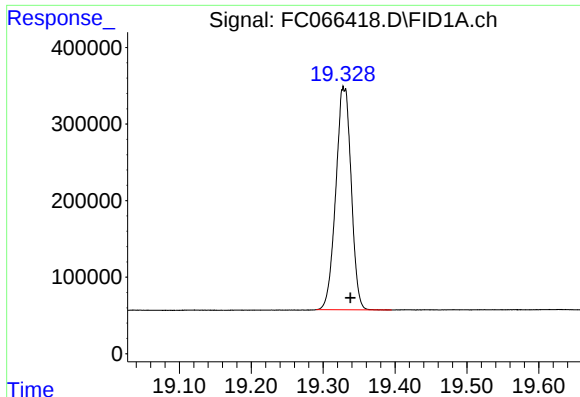
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.007 min
Response: 4472850
Conc: 33.19 ug/ml



#18 n-Dotriacontane (C32)

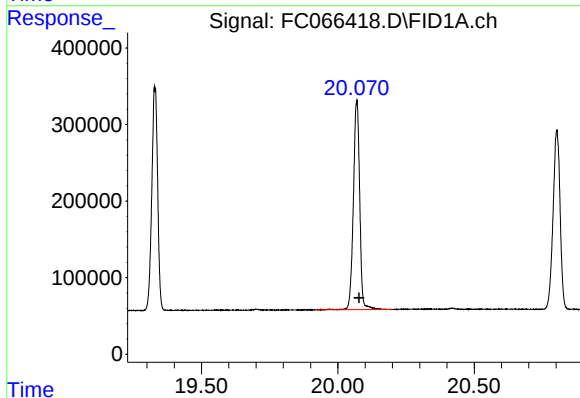
R.T.: 18.545 min
Delta R.T.: -0.009 min
Response: 4411026
Conc: 34.26 ug/ml



#19 n-Tetratriacontane (C34)

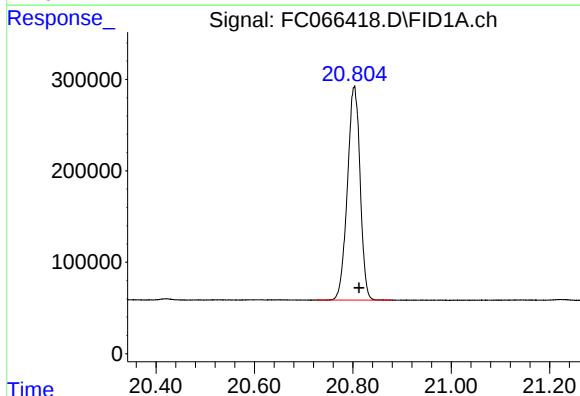
R.T.: 19.329 min
Delta R.T.: -0.009 min
Response: 4321690
Conc: 36.53 ug/ml

Instrument :
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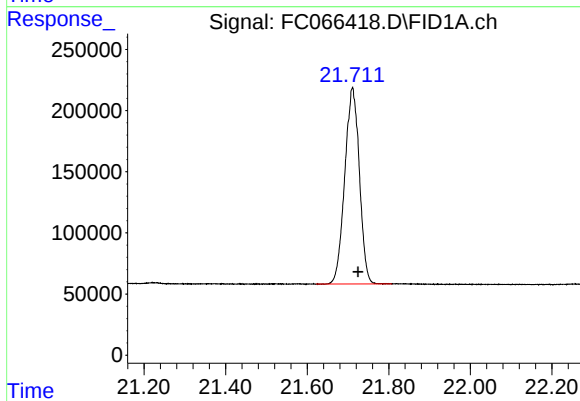
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.008 min
Response: 4404924
Conc: 38.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.010 min
Response: 4190169
Conc: 38.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.014 min
Response: 3988154
Conc: 37.19 ug/ml