

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062124AL\
 Data File : FC066670.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2024 19:09
 Operator : YP/AJ
 Sample : P2915-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-NORTH-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Ankita Jodhani 06/24/2024

Integration File: autoint1.e
 Quant Time: Jun 22 02:59:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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...	12.969	3204855	23.227 ug/ml
Spiked Amount 50.000		Recovery =	46.45%
Target Compounds			
1) T n-Nonane (C9)	3.295	2425244	16.692 ug/ml
2) T n-Decane (C10)	4.361	3063030	20.535 ug/ml
4) T n-Dodecane (C12)	6.379	3504472	23.123 ug/ml
6) T n-Tetradecane (C14)	8.175	3966380	26.149 ug/ml
7) T n-Hexadecane (C16)	9.776	4515248	28.187 ug/ml
8) T n-Octadecane (C18)	11.217	4902307	29.545 ug/ml
10) T n-Eicosane (C20)	12.527	5063563	31.148 ug/ml
11) T n-Heneicosane (C21)	13.138	4912625	30.490 ug/ml
13) T n-Docosane (C22)	13.725	4903835	30.587 ug/ml
14) T n-Tetracosane (C24)	14.827	4844702	30.526 ug/ml
15) T n-Hexacosane (C26)	15.848	4690159	30.716 ug/ml
16) T n-Octacosane (C28)	16.798	4482925	31.078 ug/ml
17) T n-Tricontane (C30)	17.685	4376883	31.328 ug/ml
18) T n-Dotriacontane (C32)	18.517	4298642	32.572 ug/ml
19) T n-Tetratriacontane (C34)	19.301	4224002	34.154 ug/ml
20) T n-Hexatriacontane (C36)	20.040	4100536	34.024 ug/ml
21) T n-Octatriacontane (C38)	20.770	4127324	36.094 ug/ml
22) T n-Tetracontane (C40)	21.668	3933279	35.021 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2915-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

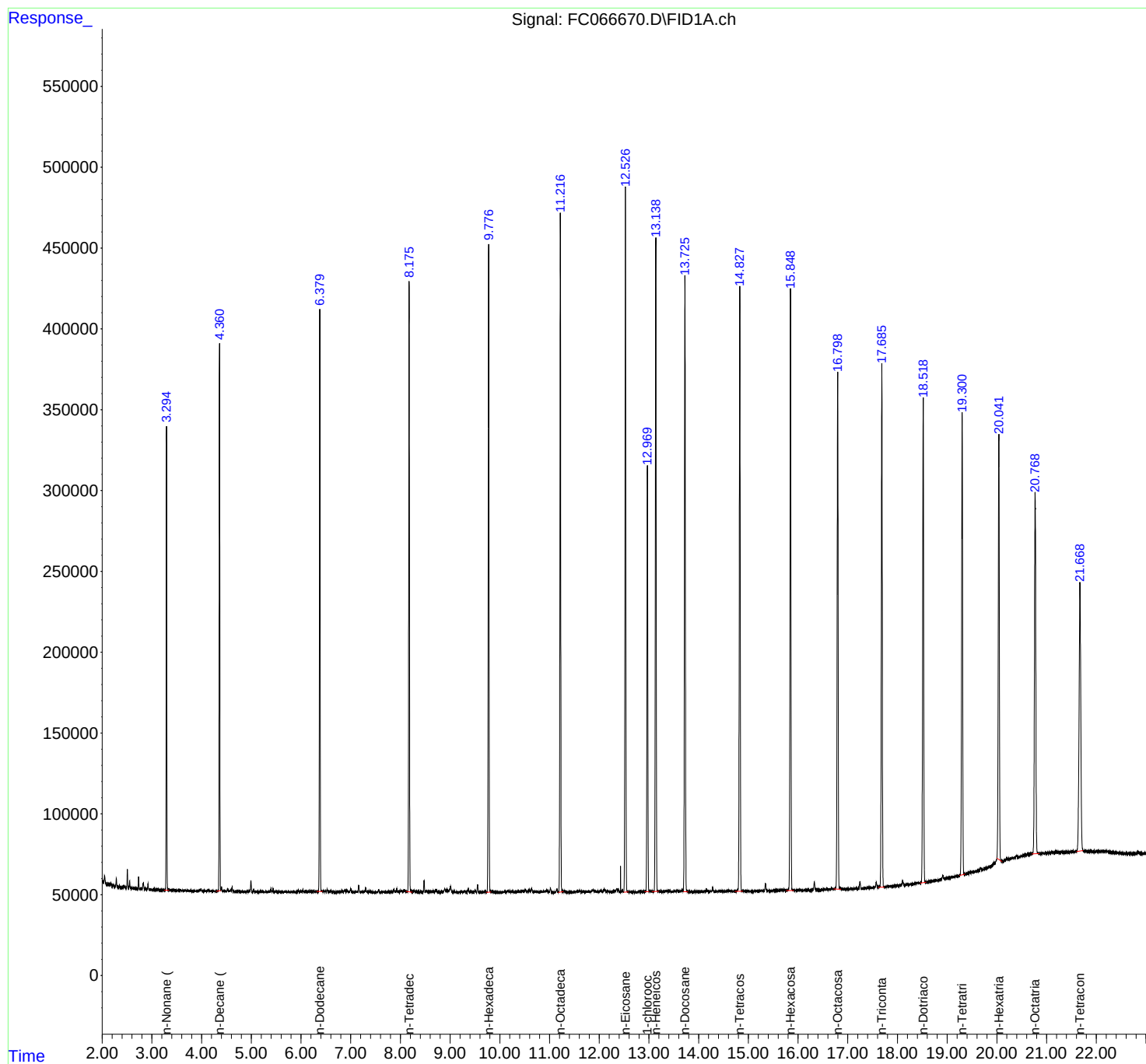
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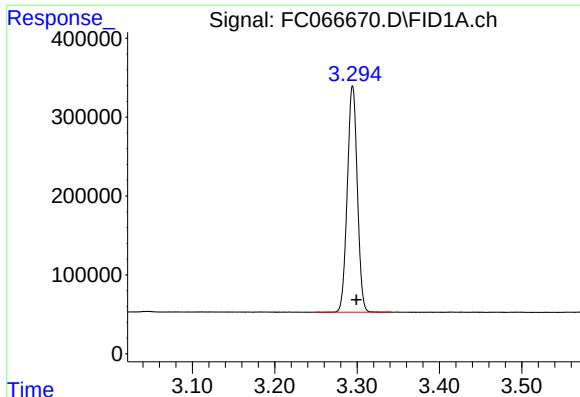
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#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2425244
Conc: 16.69 ug/ml

Instrument :

FID_C

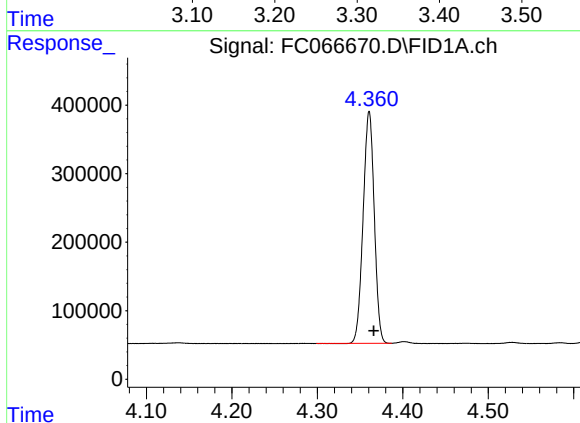
ClientSampleId :

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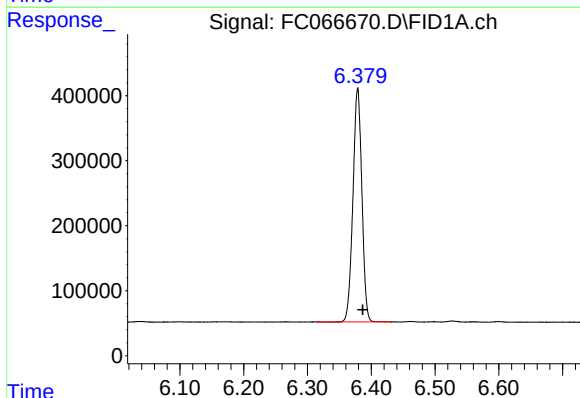
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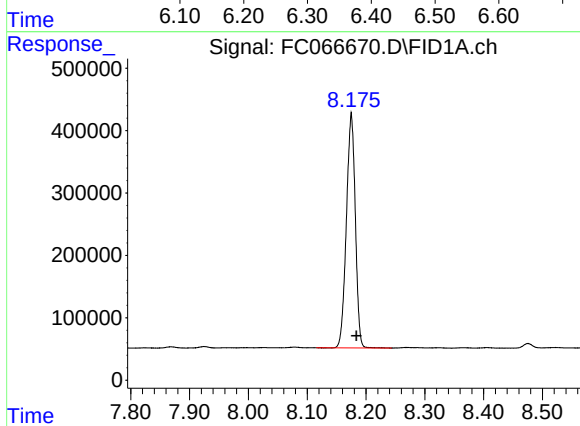
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.005 min
Response: 3063030
Conc: 20.53 ug/ml



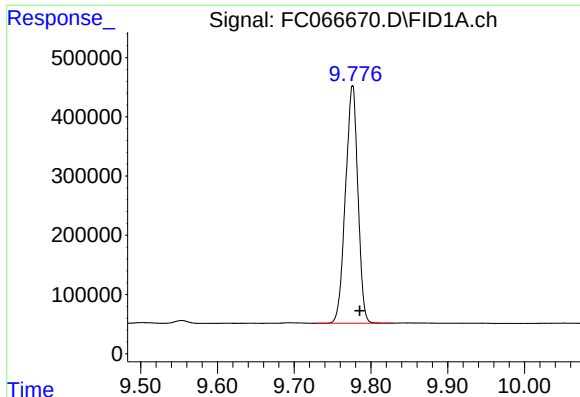
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.008 min
Response: 3504472
Conc: 23.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.009 min
Response: 3966380
Conc: 26.15 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.010 min
Response: 4515248
Conc: 28.19 ug/ml

Instrument :

FID_C

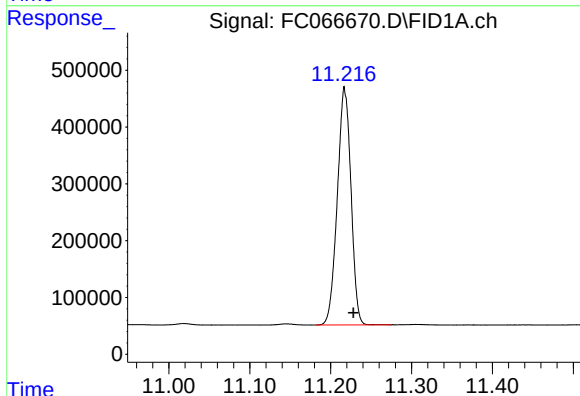
ClientSampleId :

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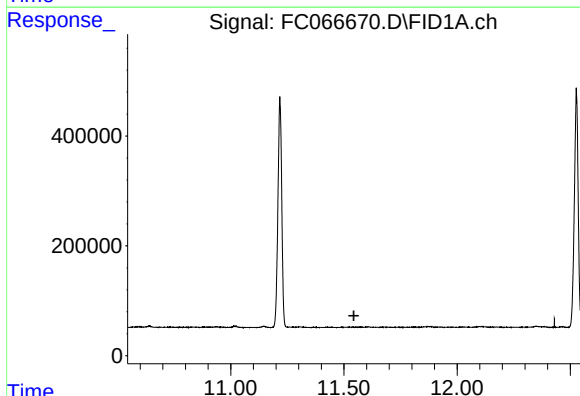
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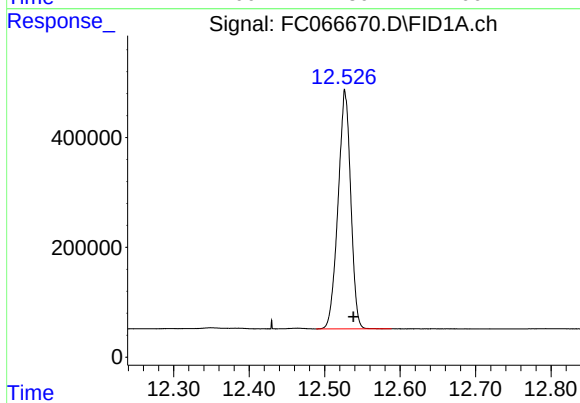
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.011 min
Response: 4902307
Conc: 29.55 ug/ml



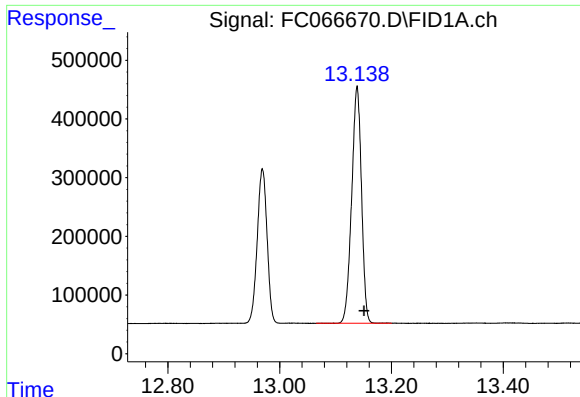
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.544 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.011 min
Response: 5063563
Conc: 31.15 ug/ml



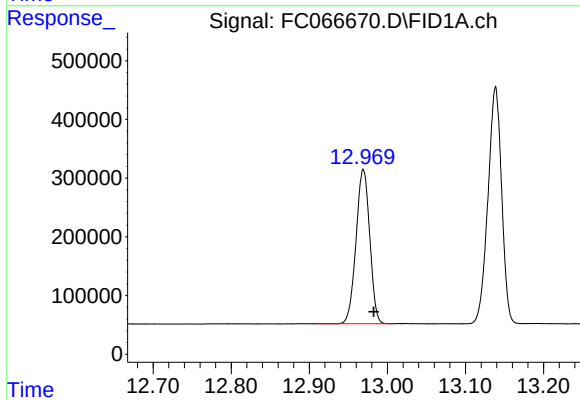
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 4912625
Conc: 30.49 ug/ml

Instrument :
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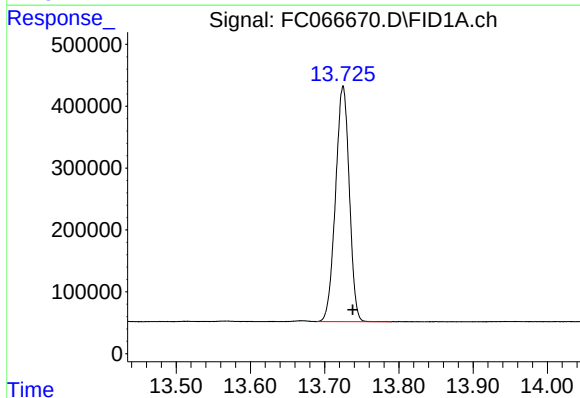
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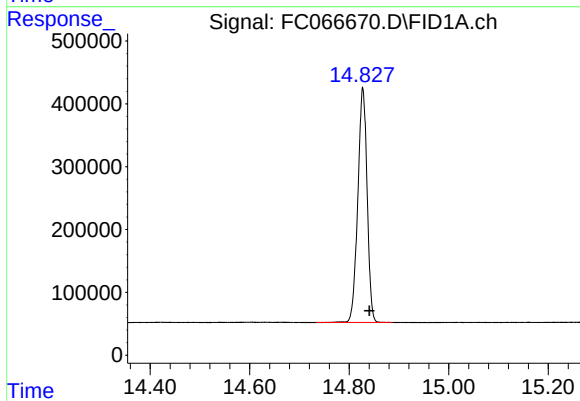
#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: -0.013 min
Response: 3204855
Conc: 23.23 ug/ml



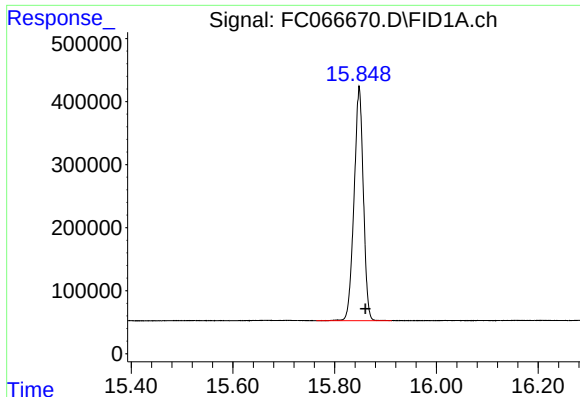
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.013 min
Response: 4903835
Conc: 30.59 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.013 min
Response: 4844702
Conc: 30.53 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.013 min
Response: 4690159
Conc: 30.72 ug/ml

Instrument :

FID_C

ClientSampleId :

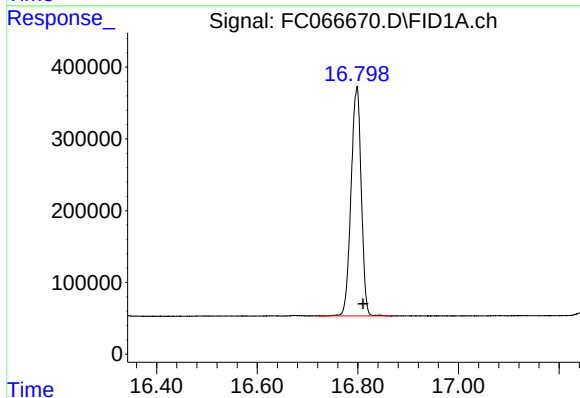
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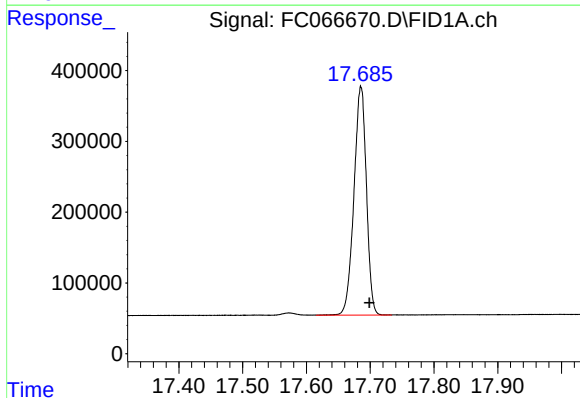
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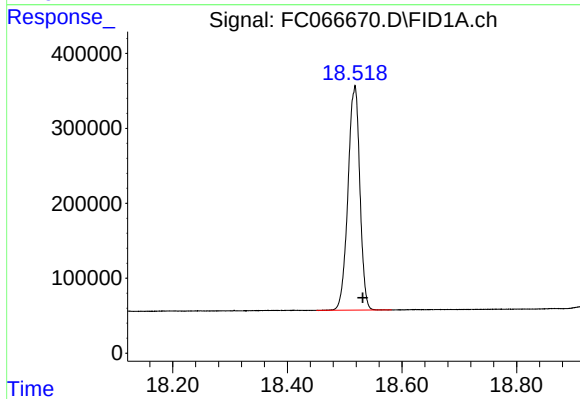
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.013 min
Response: 4482925
Conc: 31.08 ug/ml



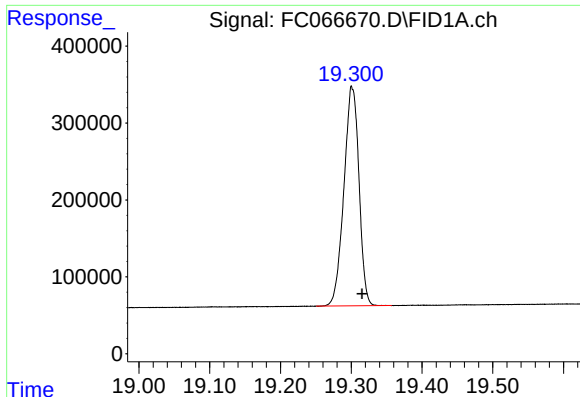
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.014 min
Response: 4376883
Conc: 31.33 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.015 min
Response: 4298642
Conc: 32.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.014 min
Response: 4224002
Conc: 34.15 ug/ml

Instrument :

FID_C

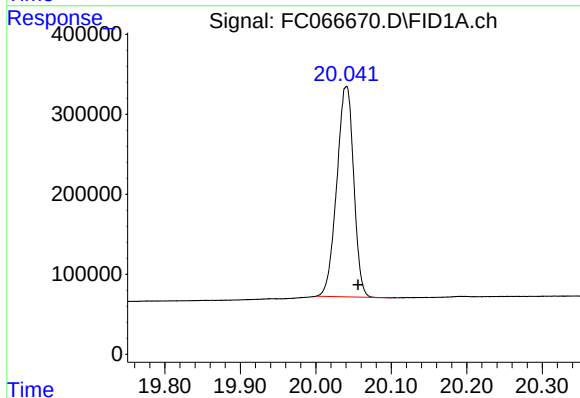
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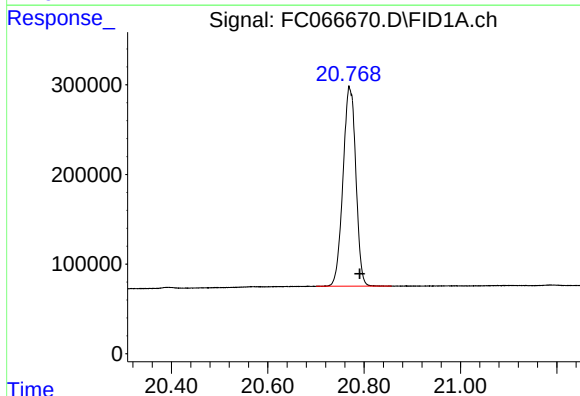
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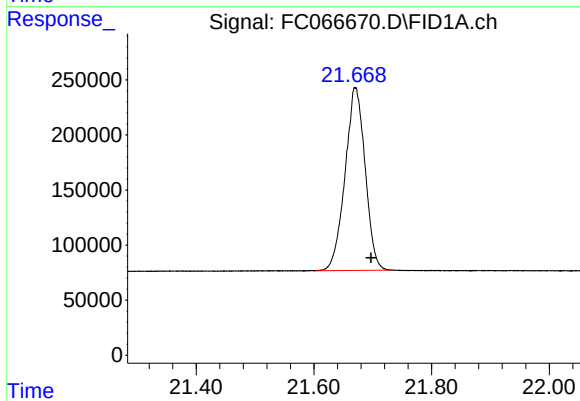
#20 n-Hexatriacontane (C36)

R.T.: 20.040 min
Delta R.T.: -0.016 min
Response: 4100536
Conc: 34.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.021 min
Response: 4127324
Conc: 36.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.029 min
Response: 3933279
Conc: 35.02 ug/ml m