

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
 Data File : FC066466.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 13:00
 Operator : YP/AJ
 Sample : PB161104BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161104BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/28/2024
 Supervised By :Ankita Jodhani 05/28/2024

Integration File: autoint1.e
 Quant Time: May 25 02:09:52 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			
9) S ortho-Terphenyl (SURR)	11.557	6903901	41.757 ug/ml
Spiked Amount 50.000		Recovery =	83.51%
12) S 1-chlorooctadecane (S...	12.995	5468530	44.583 ug/ml
Spiked Amount 50.000		Recovery =	89.17%
Target Compounds			
1) T n-Nonane (C9)	3.320	4892831	32.396 ug/ml
2) T n-Decane (C10)	4.384	5113325	33.250 ug/ml
3) T A~Naphthalene (C11.7)	5.963	6081890	35.798 ug/ml
4) T n-Dodecane (C12)	6.400	5154582	33.541 ug/ml
5) T A~2-methylnaphthalene...	7.020	6274162	38.069 ug/ml
6) T n-Tetradecane (C14)	8.199	5767082	38.107 ug/ml
7) T n-Hexadecane (C16)	9.799	6362286	41.609 ug/ml
8) T n-Octadecane (C18)	11.243	6498216	42.810 ug/ml
10) T n-Eicosane (C20)	12.553	6534883	45.427 ug/ml
11) T n-Heneicosane (C21)	13.165	6296420	44.793 ug/ml
13) T n-Docosane (C22)	13.751	6224665	44.460 ug/ml
14) T n-Tetracosane (C24)	14.854	5732456	40.719 ug/ml
15) T n-Hexacosane (C26)	15.876	5964469	43.605 ug/ml
16) T n-Octacosane (C28)	16.825	5871762	43.845 ug/ml
17) T n-Tricontane (C30)	17.714	5806920	43.090 ug/ml
18) T n-Dotriacontane (C32)	18.546	5773272	44.839 ug/ml
19) T n-Tetratriacontane (C34)	19.329	5879255	49.692 ug/mlm
20) T n-Hexatriacontane (C36)	20.070	5983185	52.053 ug/ml
21) T n-Octatriacontane (C38)	20.806	6633060	61.625 ug/ml
22) T n-Tetracontane (C40)	21.719	7109667	66.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 24 May 2024 13:00
Operator : YP/AJ
Sample : PB161104BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

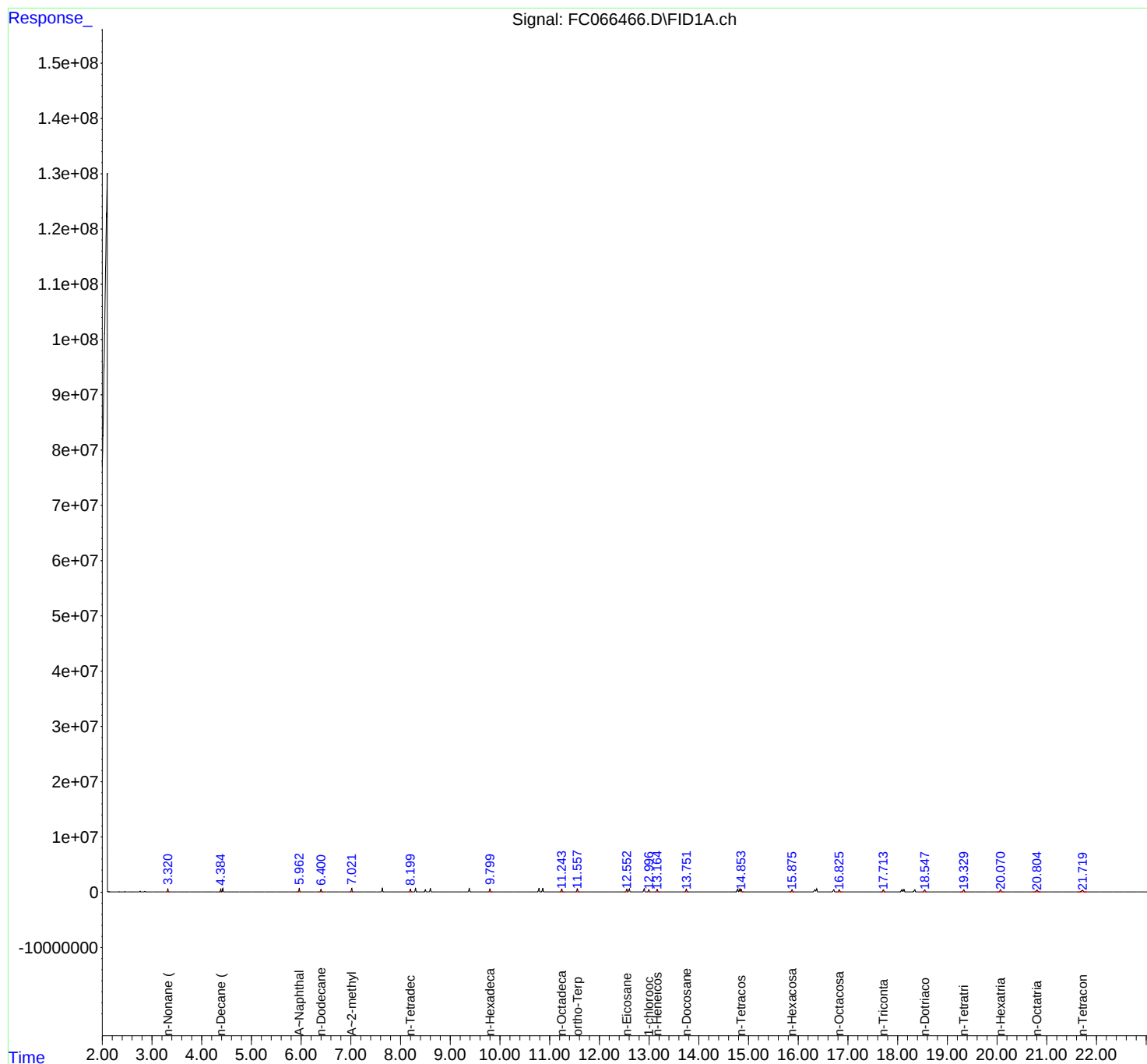
Instrument :
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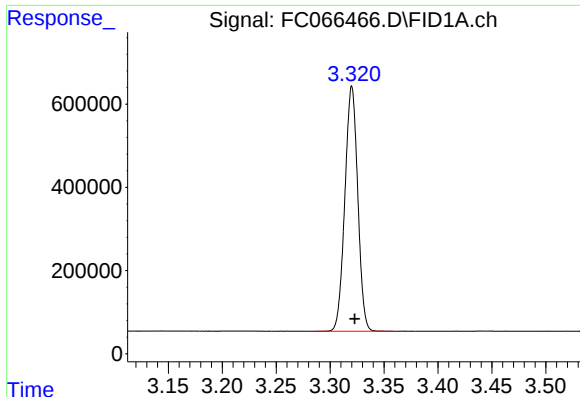
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#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 4892831
Conc: 32.40 ug/ml

Instrument :

FID_C

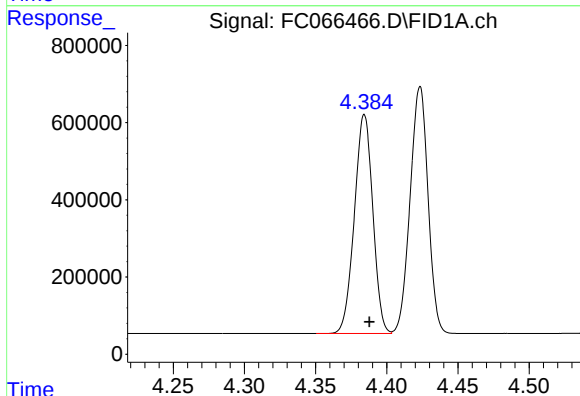
ClientSampleId :

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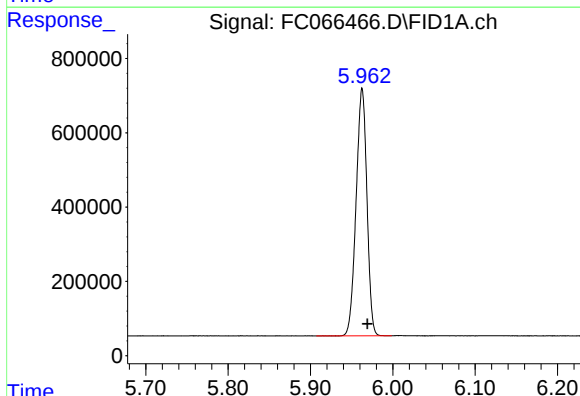
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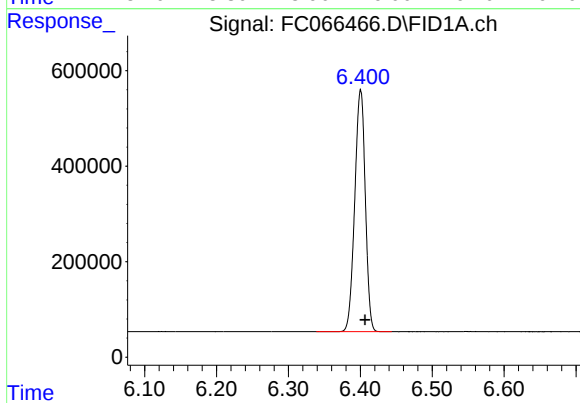
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: -0.004 min
Response: 5113325
Conc: 33.25 ug/ml



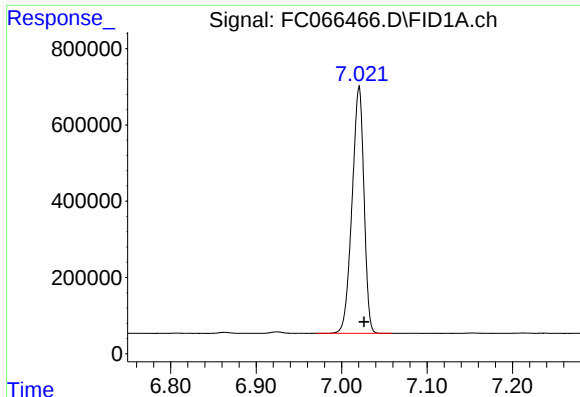
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.007 min
Response: 6081890
Conc: 35.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 5154582
Conc: 33.54 ug/ml



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

R.T.: 7.020 min
Delta R.T.: -0.006 min
Response: 6274162
Conc: 38.07 ug/ml

Instrument :

FID_C

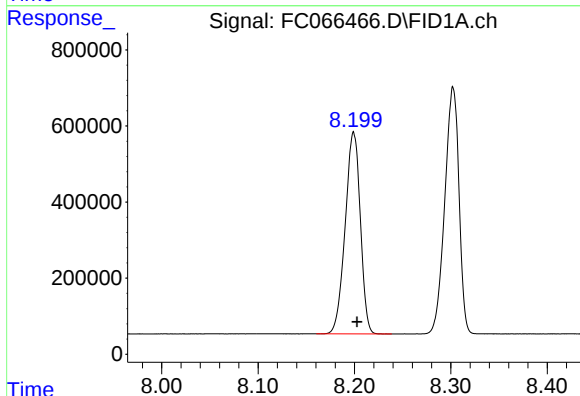
ClientSampleId :

PB161104BS

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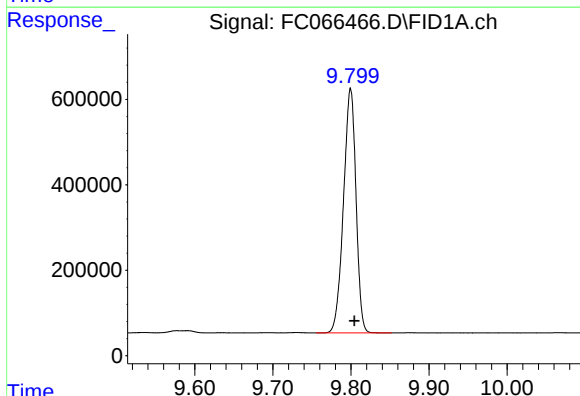
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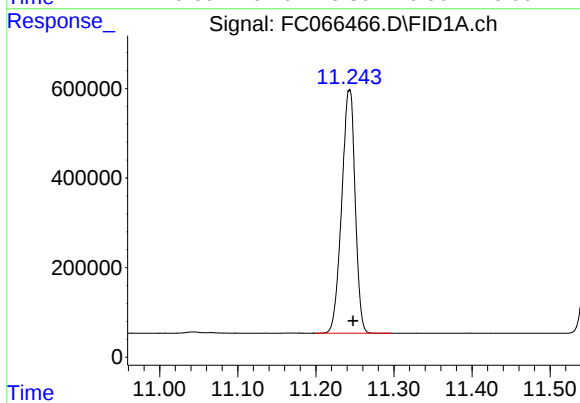
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.003 min
Response: 5767082
Conc: 38.11 ug/ml



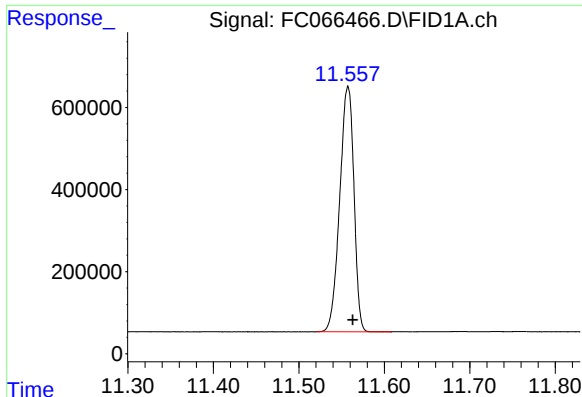
#7 n-Hexadecane (C16)

R.T.: 9.799 min
Delta R.T.: -0.005 min
Response: 6362286
Conc: 41.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.005 min
Response: 6498216
Conc: 42.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: -0.006 min
Response: 6903901
Conc: 41.76 ug/ml

Instrument :

FID_C

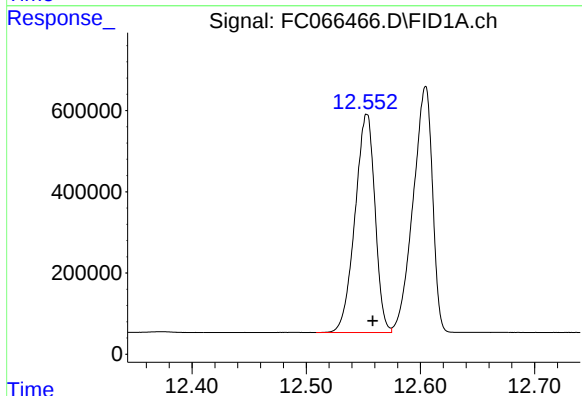
ClientSampleId :

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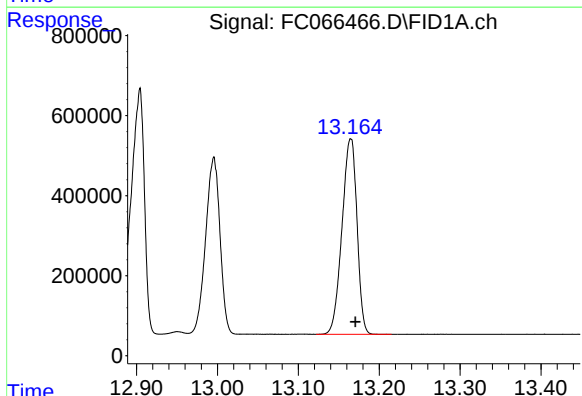
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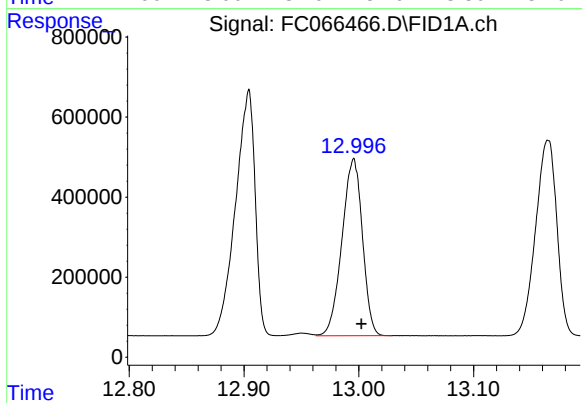
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 6534883
Conc: 45.43 ug/ml



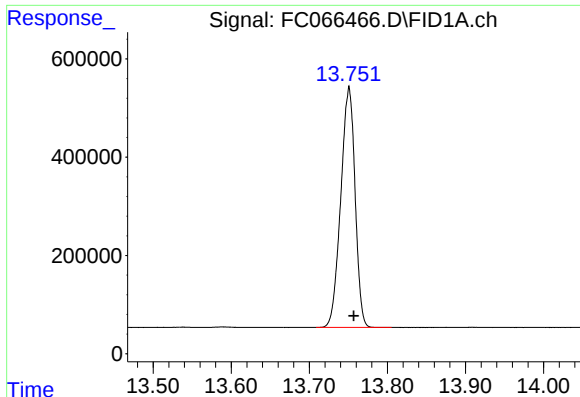
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.006 min
Response: 6296420
Conc: 44.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: -0.007 min
Response: 5468530
Conc: 44.58 ug/ml



#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.006 min
Response: 6224665
Conc: 44.46 ug/ml

Instrument :

FID_C

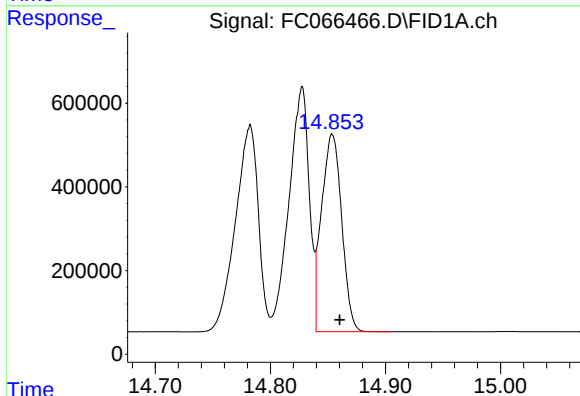
ClientSampleId :

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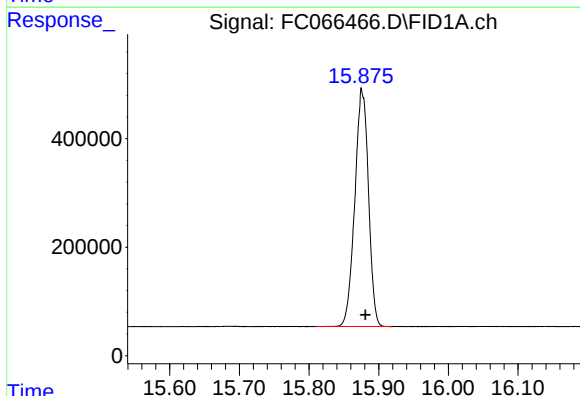
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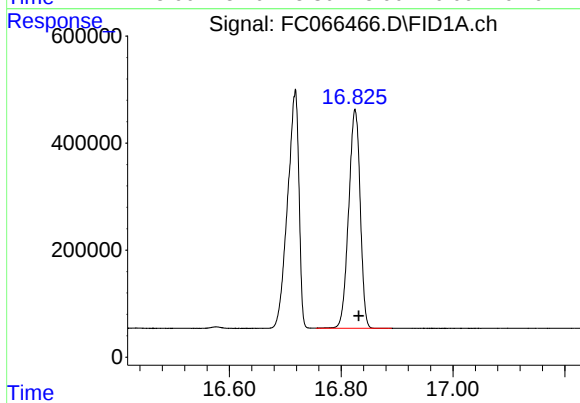
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 5732456
Conc: 40.72 ug/ml



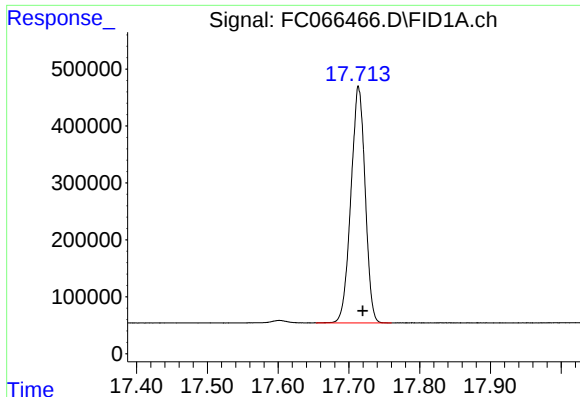
#15 n-Hexacosane (C26)

R.T.: 15.876 min
Delta R.T.: -0.005 min
Response: 5964469
Conc: 43.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.006 min
Response: 5871762
Conc: 43.85 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.006 min
Response: 5806920
Conc: 43.09 ug/ml

Instrument :

FID_C

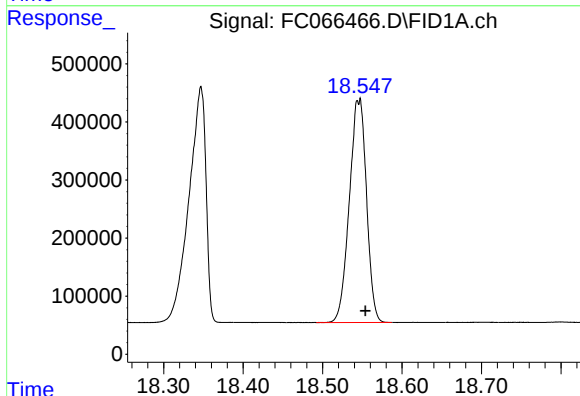
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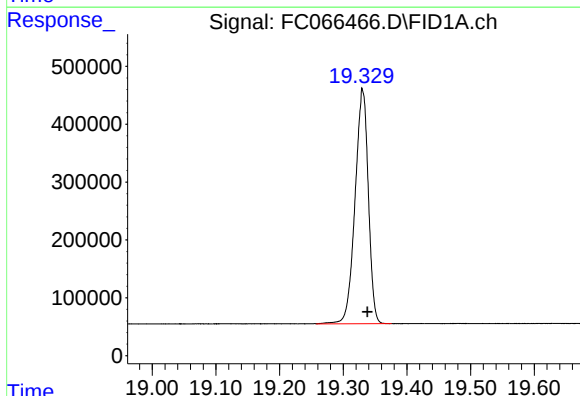
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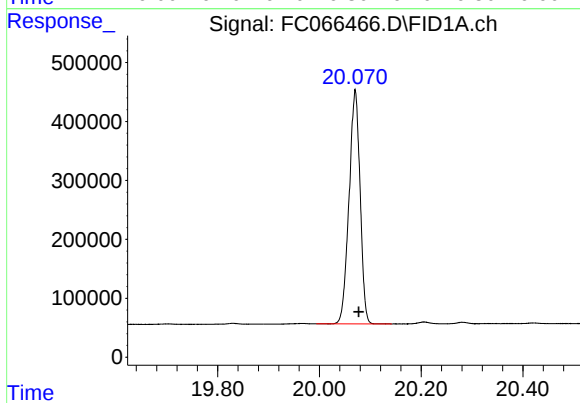
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.009 min
Response: 5773272
Conc: 44.84 ug/ml



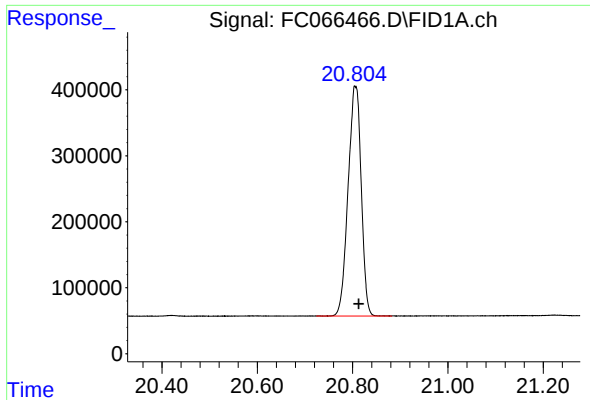
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.009 min
Response: 5879255
Conc: 49.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: -0.007 min
Response: 5983185
Conc: 52.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.007 min
Response: 6633060
Conc: 61.63 ug/ml

Instrument :

FID_C

ClientSampleId :

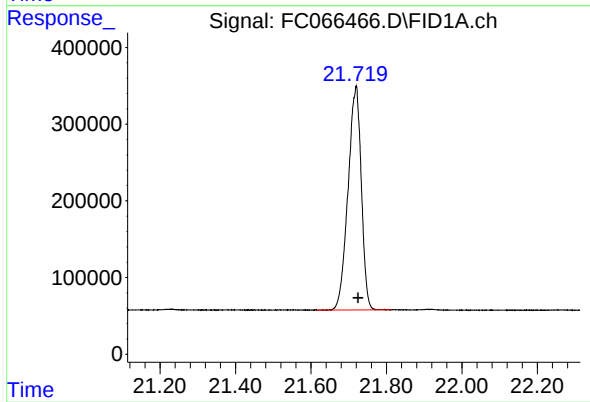
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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.006 min
Response: 7109667
Conc: 66.30 ug/ml