

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066377.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 15:08
 Operator : YP/AJ
 Sample : PB160813BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160813BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:54:20 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...	13.000	3274311	26.694 ug/ml
Spiked Amount 50.000		Recovery =	53.39%
Target Compounds			
1) T n-Nonane (C9)	3.314	2699991	17.877 ug/ml
2) T n-Decane (C10)	4.383	3342540	21.735 ug/ml
4) T n-Dodecane (C12)	6.404	3839209	24.982 ug/ml
6) T n-Tetradecane (C14)	8.201	4037177	26.676 ug/ml
7) T n-Hexadecane (C16)	9.804	4286601	28.034 ug/ml
8) T n-Octadecane (C18)	11.247	4750696	31.298 ug/ml
10) T n-Eicosane (C20)	12.557	4938118	34.327 ug/ml
11) T n-Heneicosane (C21)	13.170	4820128	34.291 ug/ml
13) T n-Docosane (C22)	13.756	4790339	34.215 ug/ml
14) T n-Tetracosane (C24)	14.859	4720925	33.534 ug/ml
15) T n-Hexacosane (C26)	15.880	4594360	33.588 ug/ml
16) T n-Octacosane (C28)	16.831	4501626	33.614 ug/ml
17) T n-Tricontane (C30)	17.719	4487503	33.299 ug/ml
18) T n-Dotriacontane (C32)	18.553	4382132	34.034 ug/ml
19) T n-Tetratriacontane (C34)	19.337	4312911	36.453 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4254066	37.010 ug/mlm
21) T n-Octatriacontane (C38)	20.814	4092469	38.022 ug/mlm
22) T n-Tetracontane (C40)	21.723	3940165	36.744 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160813BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

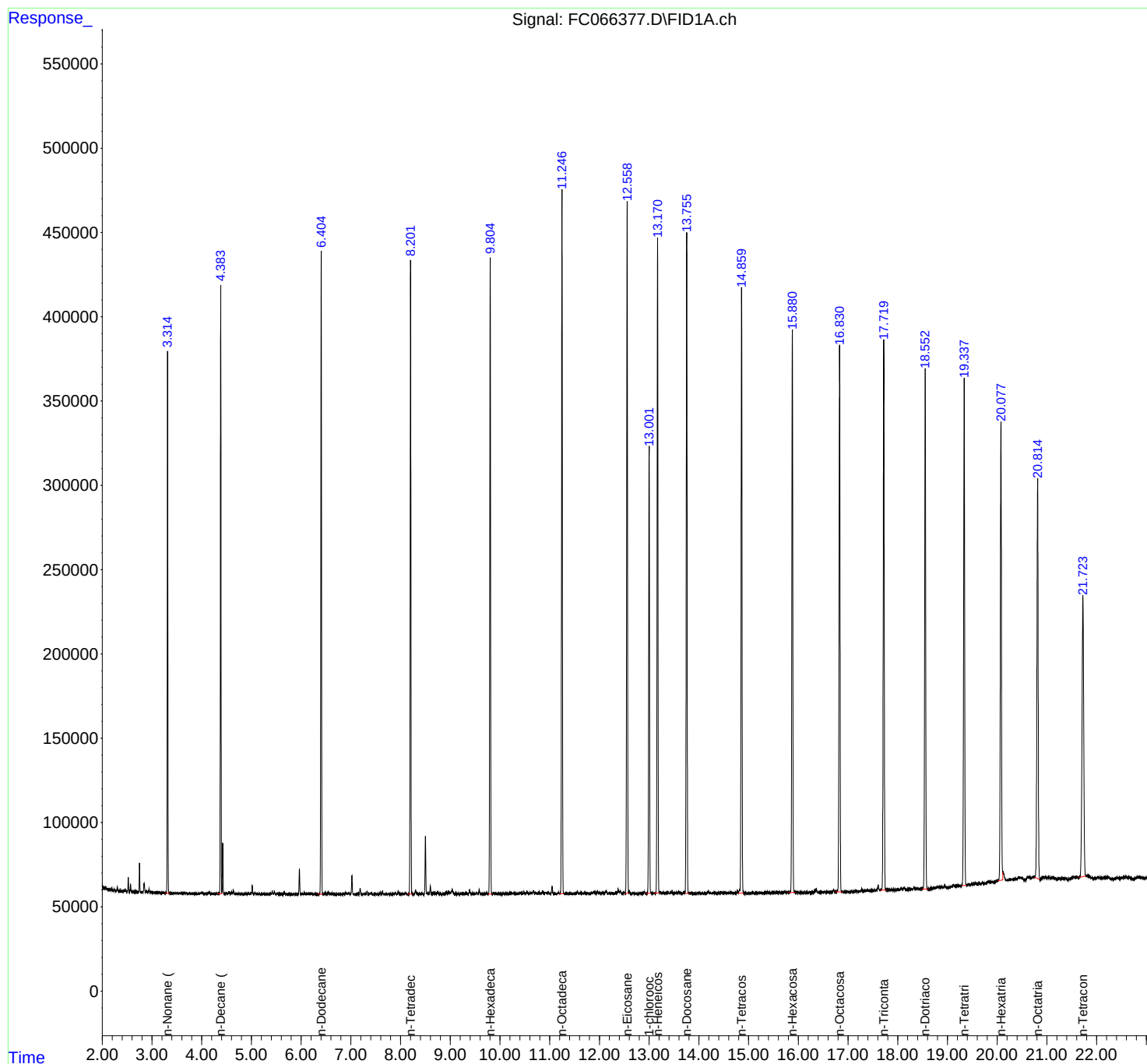
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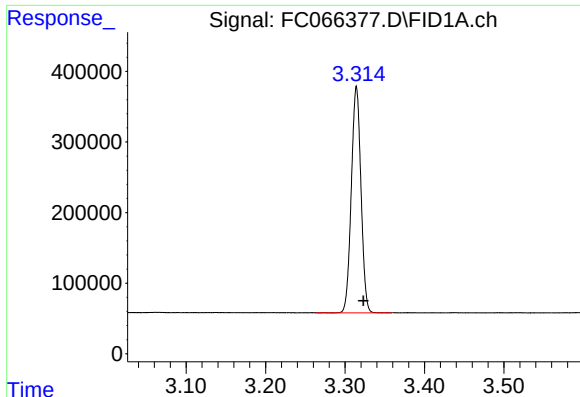
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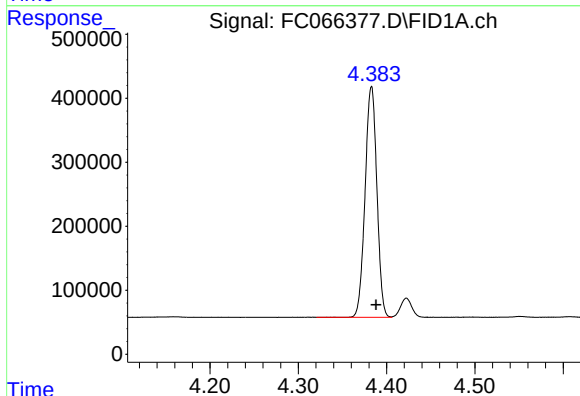
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 2699991
Conc: 17.88 ug/ml

Instrument :
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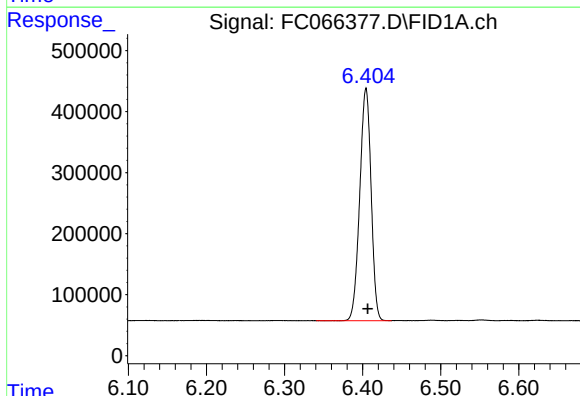
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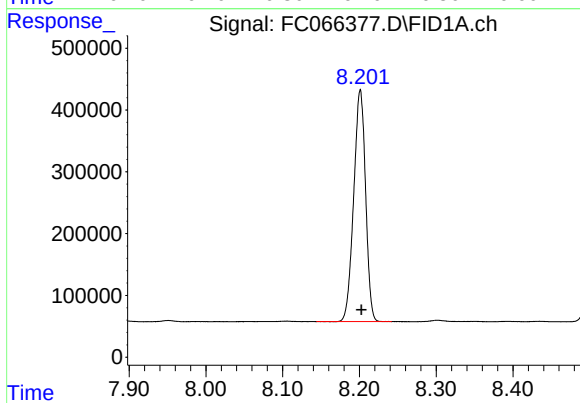
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 3342540
Conc: 21.74 ug/ml



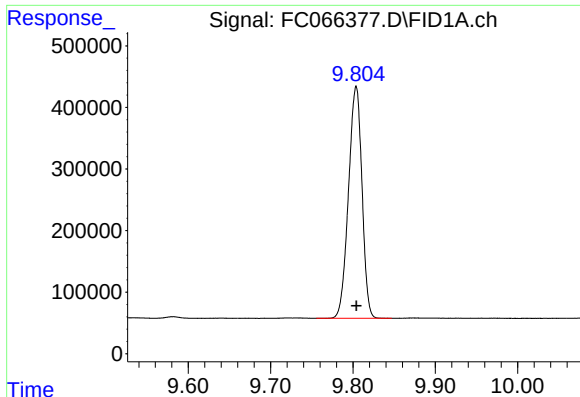
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 3839209
Conc: 24.98 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 4037177
Conc: 26.68 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 4286601
Conc: 28.03 ug/ml

Instrument :

FID_C

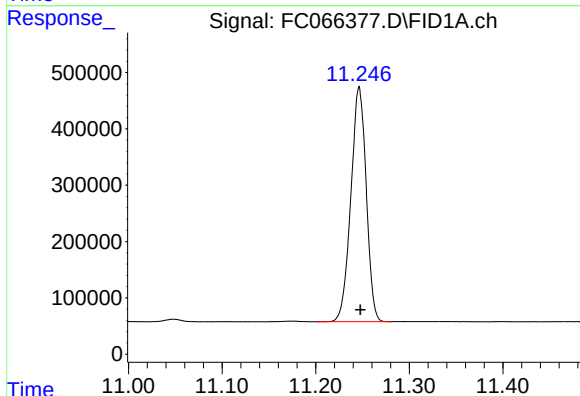
ClientSampleId :

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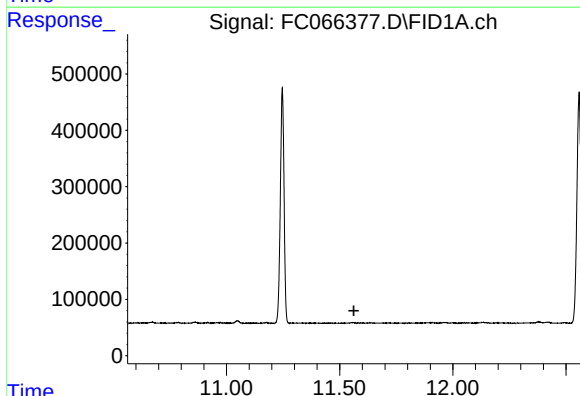
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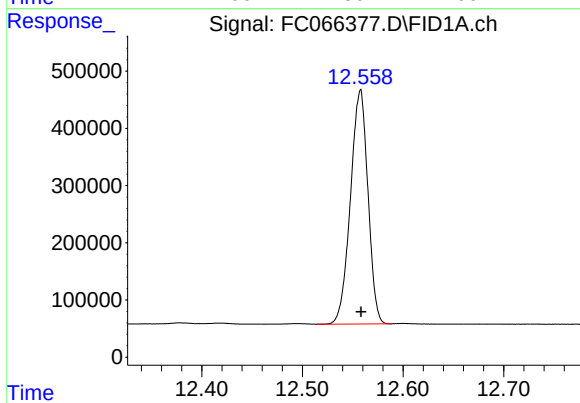
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.001 min
Response: 4750696
Conc: 31.30 ug/ml



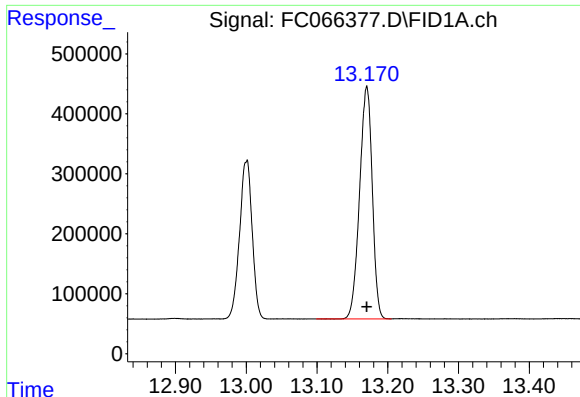
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 4938118
Conc: 34.33 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 4820128
Conc: 34.29 ug/ml

Instrument :

FID_C

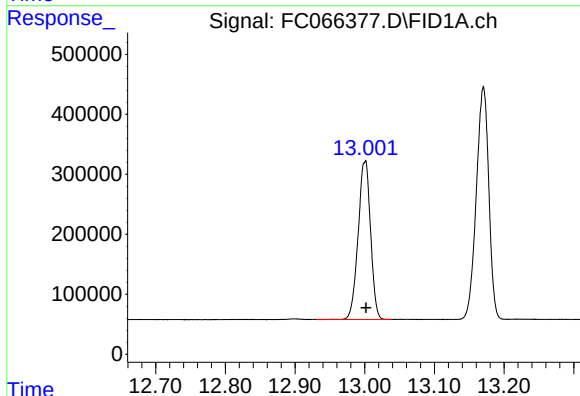
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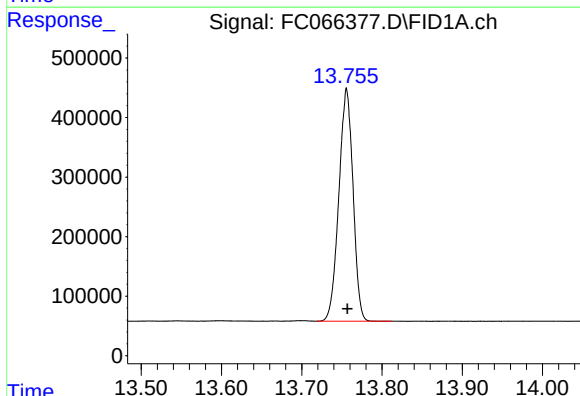
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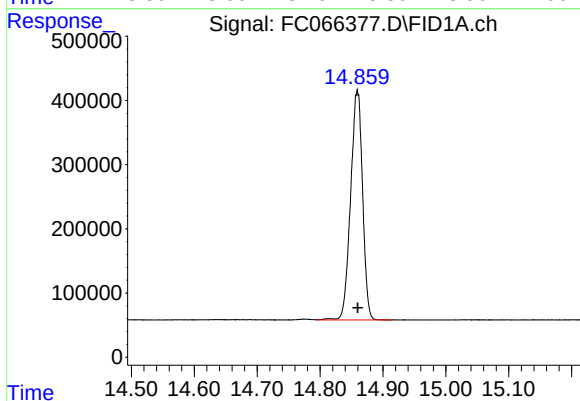
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.002 min
Response: 3274311
Conc: 26.69 ug/ml



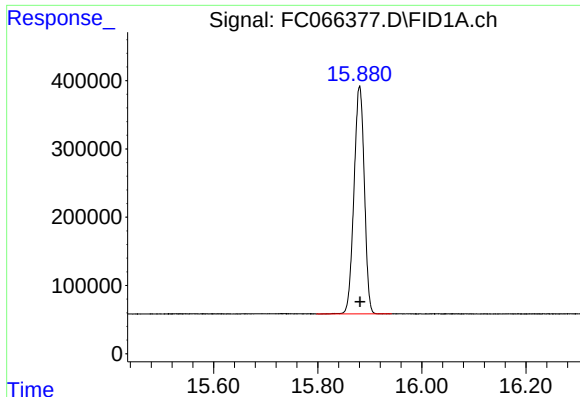
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: -0.001 min
Response: 4790339
Conc: 34.22 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 4720925
Conc: 33.53 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 4594360
Conc: 33.59 ug/ml

Instrument :

FID_C

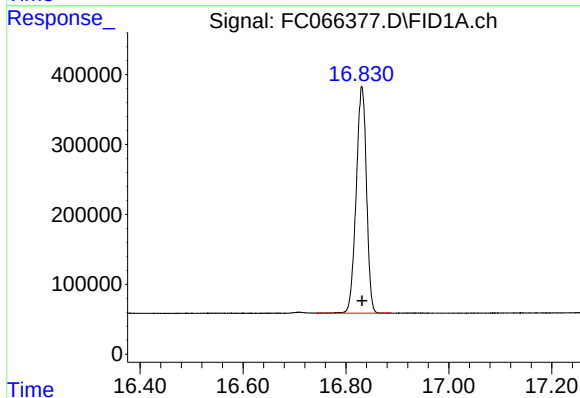
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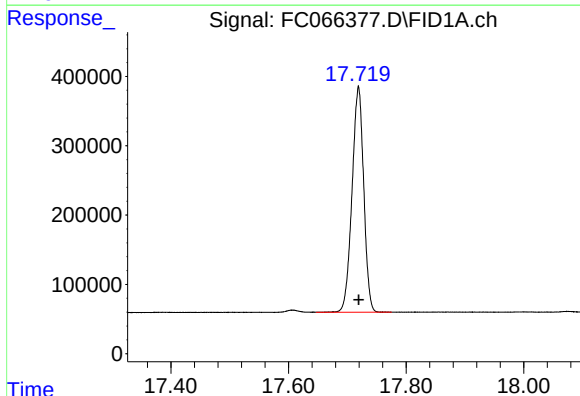
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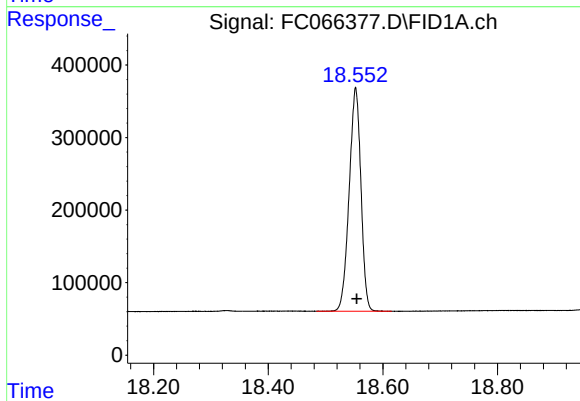
#16 n-Octacosane (C28)

R.T.: 16.831 min
Delta R.T.: 0.000 min
Response: 4501626
Conc: 33.61 ug/ml



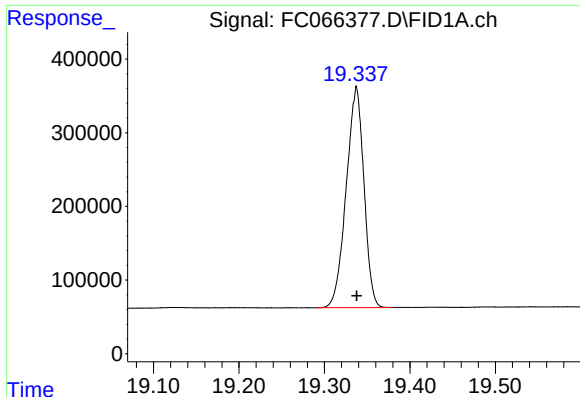
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 4487503
Conc: 33.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: -0.002 min
Response: 4382132
Conc: 34.03 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.000 min
Response: 4312911
Conc: 36.45 ug/ml

Instrument :

FID_C

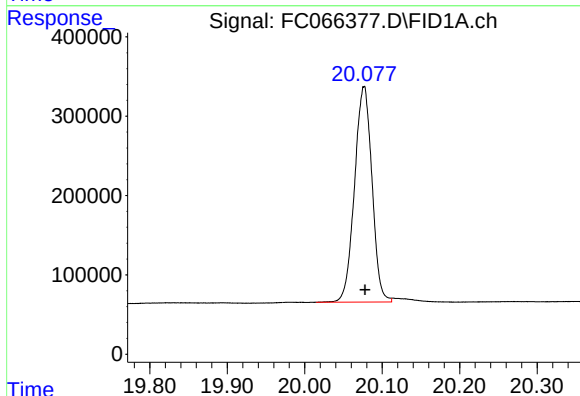
ClientSampleId :

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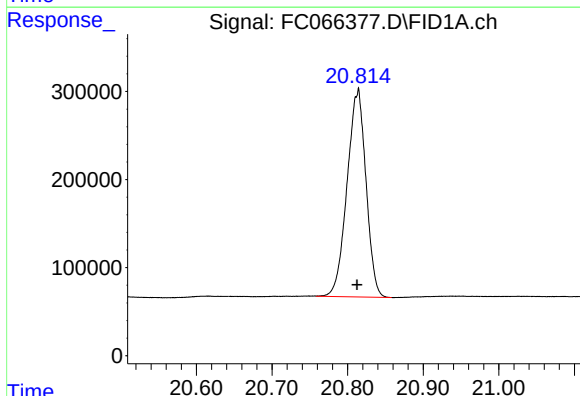
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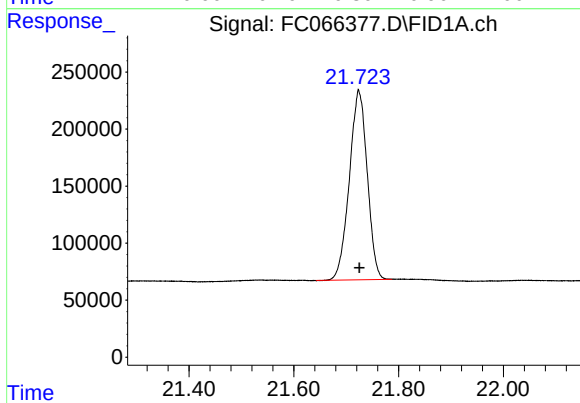
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 4254066
Conc: 37.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.001 min
Response: 4092469
Conc: 38.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.002 min
Response: 3940165
Conc: 36.74 ug/ml m