

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121422AL\
 Data File : FC062432.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2022 21:36
 Operator : YP/AJ
 Sample : N6023-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 15 03:06:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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...	13.014	3788538	35.545 ug/mlm
Spiked Amount 50.000		Recovery =	71.09%
Target Compounds			
1) T n-Nonane (C9)	3.322	2895560	22.514 ug/ml
2) T n-Decane (C10)	4.391	3493731	28.085 ug/ml
4) T n-Dodecane (C12)	6.415	4264708	34.047 ug/ml
6) T n-Tetradecane (C14)	8.213	4620421	37.939 ug/ml
7) T n-Hexadecane (C16)	9.817	4989050	39.748 ug/ml
8) T n-Octadecane (C18)	11.260	5152779	40.334 ug/ml
10) T n-Eicosane (C20)	12.568	4730767	38.031 ug/mlm
11) T n-Heneicosane (C21)	13.182	4566970	36.957 ug/mlm
13) T n-Docosane (C22)	13.770	4569909	37.621 ug/mlm
14) T n-Tetracosane (C24)	14.871	4355163	36.333 ug/mlm
15) T n-Hexacosane (C26)	15.893	4408290	37.948 ug/ml
16) T n-Octacosane (C28)	16.840	4341440	38.198 ug/mlm
17) T n-Tricontane (C30)	17.725	3912928	34.999 ug/mlm
18) T n-Dotriacontane (C32)	18.556	3932436	35.390 ug/ml
19) T n-Tetratriacontane (C34)	19.337	4132337	38.197 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4324313	42.594 ug/ml
21) T n-Octatriacontane (C38)	20.814	4744079	46.370 ug/ml
22) T n-Tetracontane (C40)	21.730	5169523	51.008 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 14 Dec 2022 21:36
Operator : YP/AJ
Sample : N6023-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

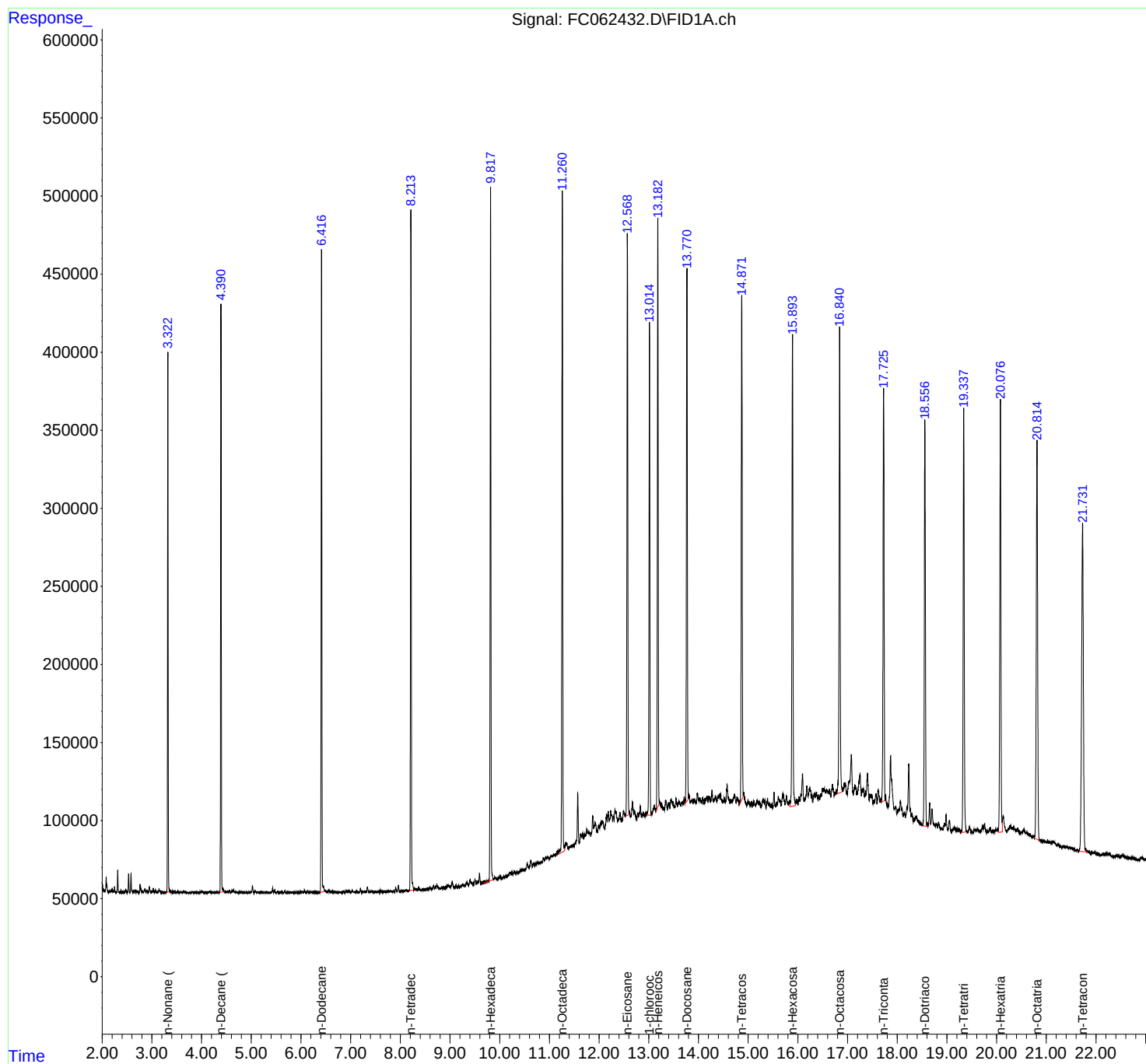
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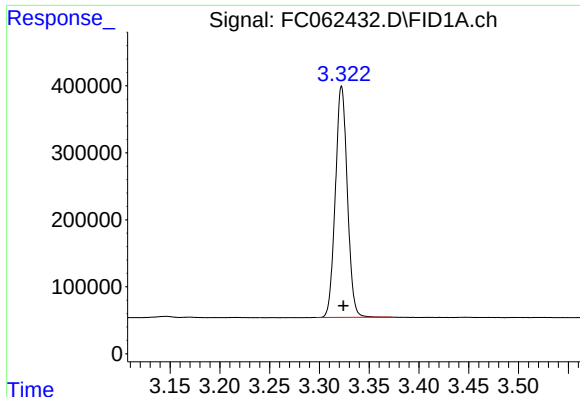
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 2895560
Conc: 22.51 ug/ml

Instrument :

FID_C

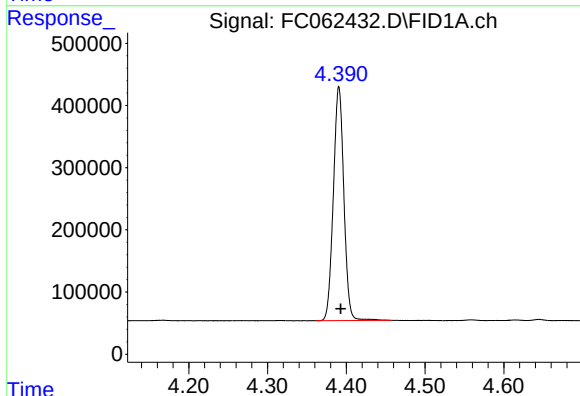
ClientSampleId :

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Manual Integrations

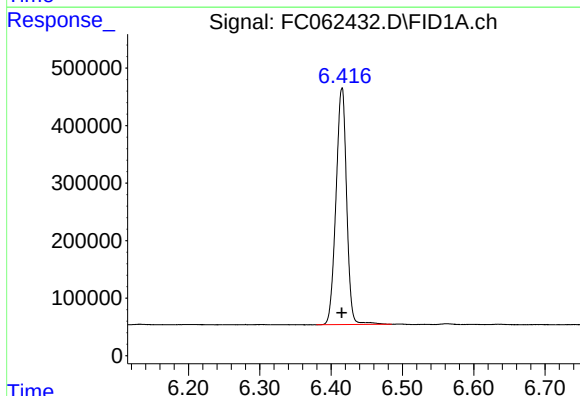
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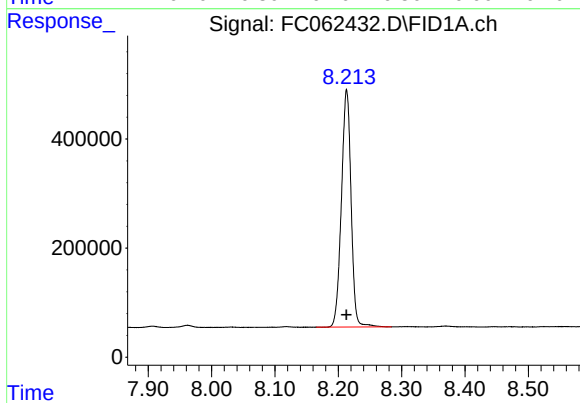
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.002 min
Response: 3493731
Conc: 28.08 ug/ml



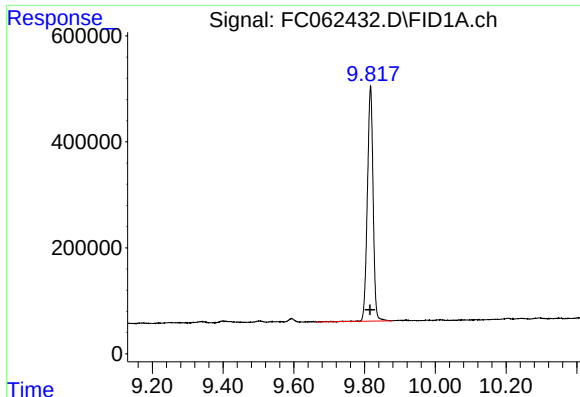
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 4264708
Conc: 34.05 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 4620421
Conc: 37.94 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: 0.000 min
Response: 4989050
Conc: 39.75 ug/ml

Instrument :

FID_C

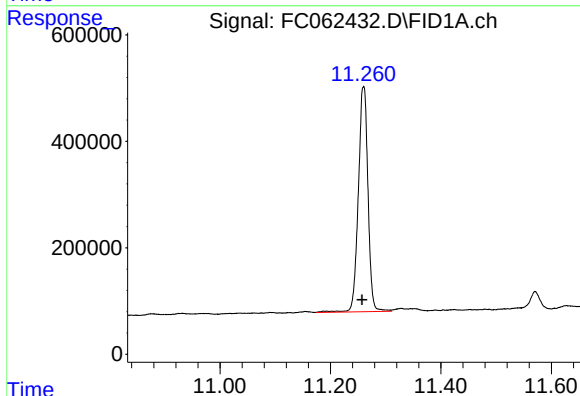
ClientSampleId :

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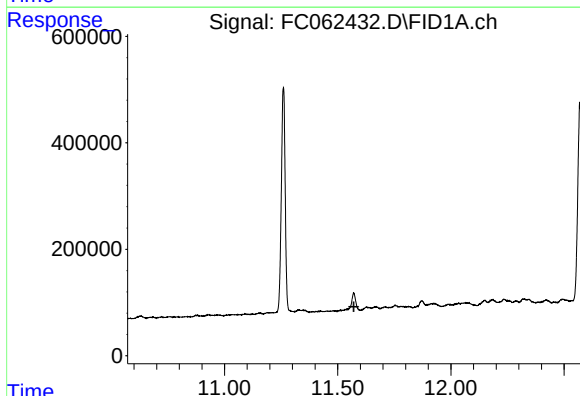
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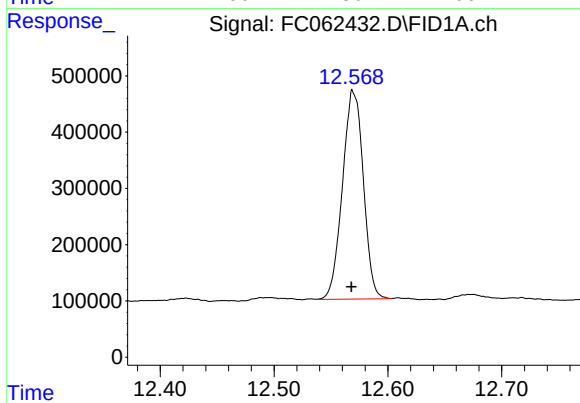
#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: 0.002 min
Response: 5152779
Conc: 40.33 ug/ml



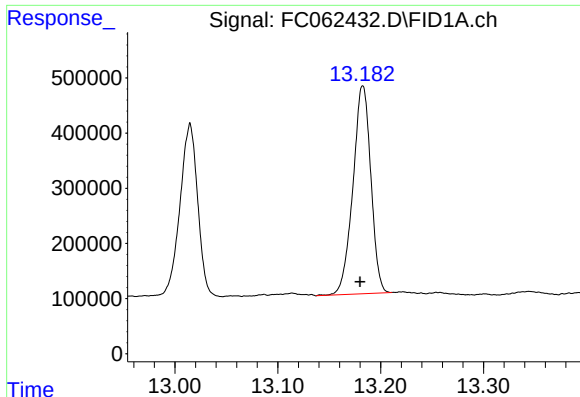
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.571 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: 0.000 min
Response: 4730767
Conc: 38.03 ug/ml m



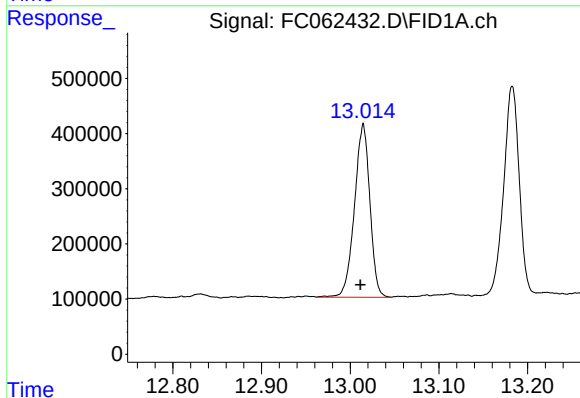
#11 n-Heneicosane (C21)

R.T.: 13.182 min
Delta R.T.: 0.002 min
Response: 4566970
Conc: 36.96 ug/ml

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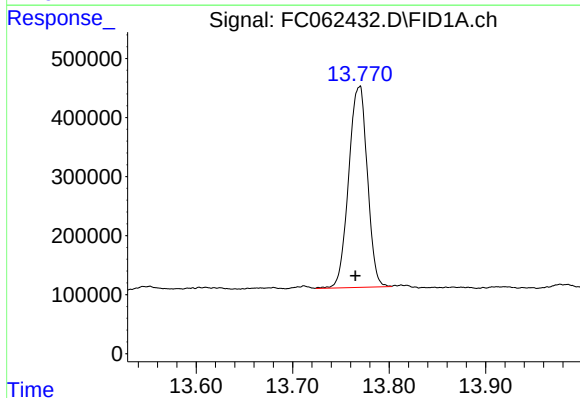
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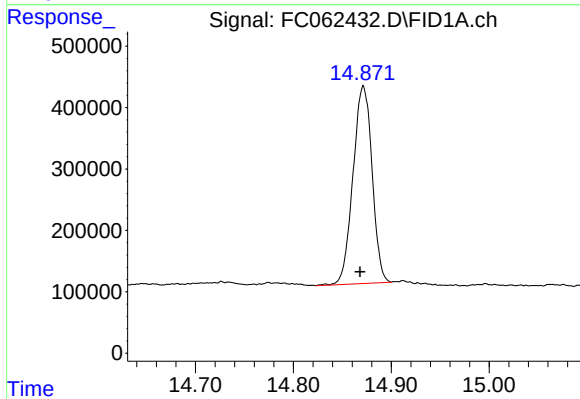
#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: 0.003 min
Response: 3788538
Conc: 35.55 ug/ml m



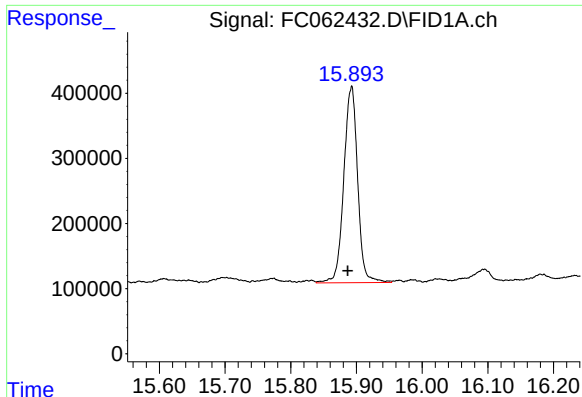
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.005 min
Response: 4569909
Conc: 37.62 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: 0.003 min
Response: 4355163
Conc: 36.33 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: 0.006 min
Response: 4408290
Conc: 37.95 ug/ml

Instrument :

FID_C

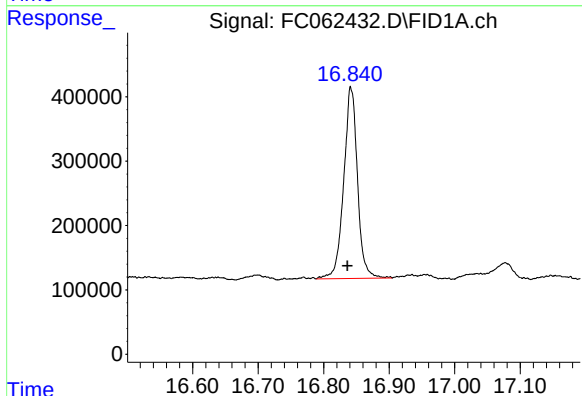
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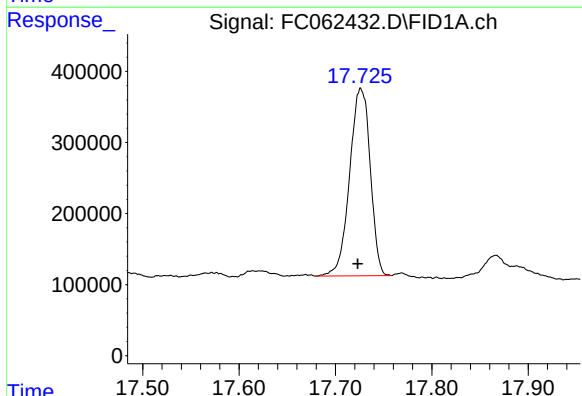
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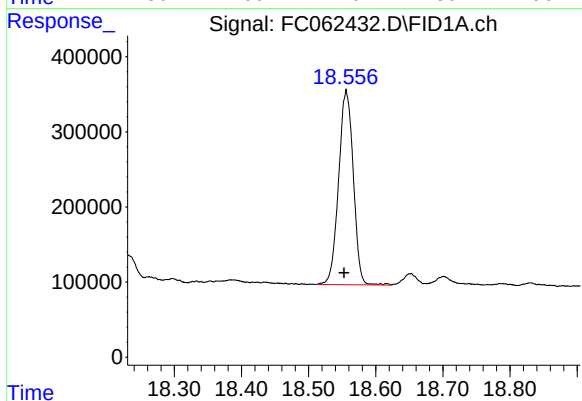
#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: 0.004 min
Response: 4341440
Conc: 38.20 ug/ml m



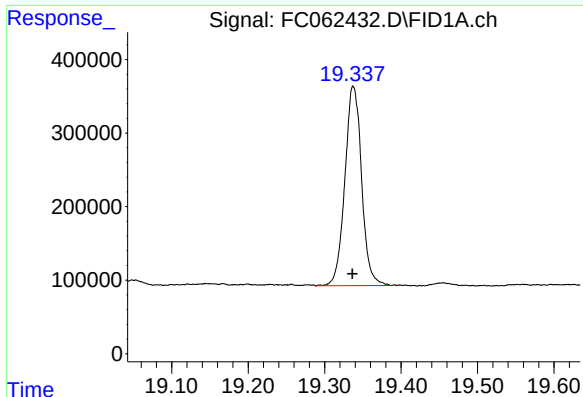
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.002 min
Response: 3912928
Conc: 35.00 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.003 min
Response: 3932436
Conc: 35.39 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.001 min
Response: 4132337
Conc: 38.20 ug/ml

Instrument :

FID_C

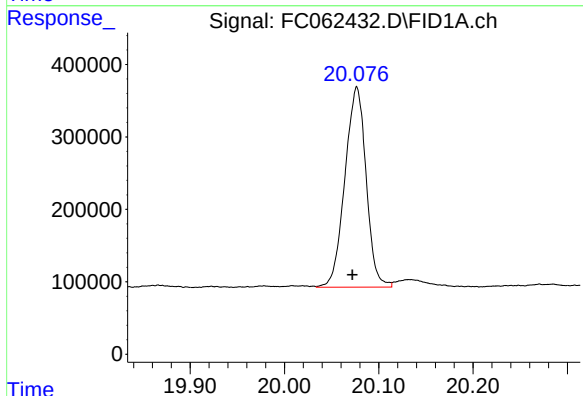
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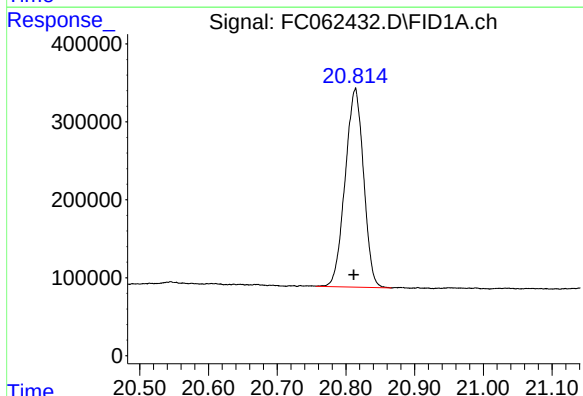
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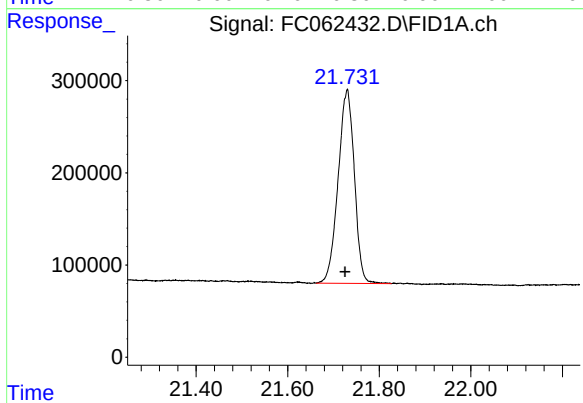
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.005 min
Response: 4324313
Conc: 42.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.002 min
Response: 4744079
Conc: 46.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: 0.005 min
Response: 5169523
Conc: 51.01 ug/ml