

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121422AL\
 Data File : FC062431.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2022 20:54
 Operator : YP/AJ
 Sample : N6023-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WASTEMS

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 03:06:28 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...	13.013	3793953	35.596 ug/mlm
Spiked Amount 50.000		Recovery =	71.19%
Target Compounds			
1) T n-Nonane (C9)	3.320	2915014	22.665 ug/ml
2) T n-Decane (C10)	4.389	3508622	28.205 ug/ml
4) T n-Dodecane (C12)	6.413	4283040	34.194 ug/ml
6) T n-Tetradecane (C14)	8.212	4627975	38.001 ug/ml
7) T n-Hexadecane (C16)	9.815	4954574	39.474 ug/ml
8) T n-Octadecane (C18)	11.259	5096319	39.892 ug/ml
10) T n-Eicosane (C20)	12.570	4819535	38.745 ug/mlm
11) T n-Heneicosane (C21)	13.181	4559713	36.898 ug/mlm
13) T n-Docosane (C22)	13.767	4567561	37.601 ug/mlm
14) T n-Tetracosane (C24)	14.869	4369982	36.457 ug/mlm
15) T n-Hexacosane (C26)	15.889	4324051	37.223 ug/mlm
16) T n-Octacosane (C28)	16.840	4352896	38.299 ug/mlm
17) T n-Tricontane (C30)	17.725	3925231	35.109 ug/mlm
18) T n-Dotriacontane (C32)	18.556	3896149	35.063 ug/ml
19) T n-Tetratriacontane (C34)	19.339	4160302	38.456 ug/ml
20) T n-Hexatriacontane (C36)	20.076	4213921	41.507 ug/ml
21) T n-Octatriacontane (C38)	20.814	4721097	46.146 ug/ml
22) T n-Tetracontane (C40)	21.733	5135619	50.674 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : N6023-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

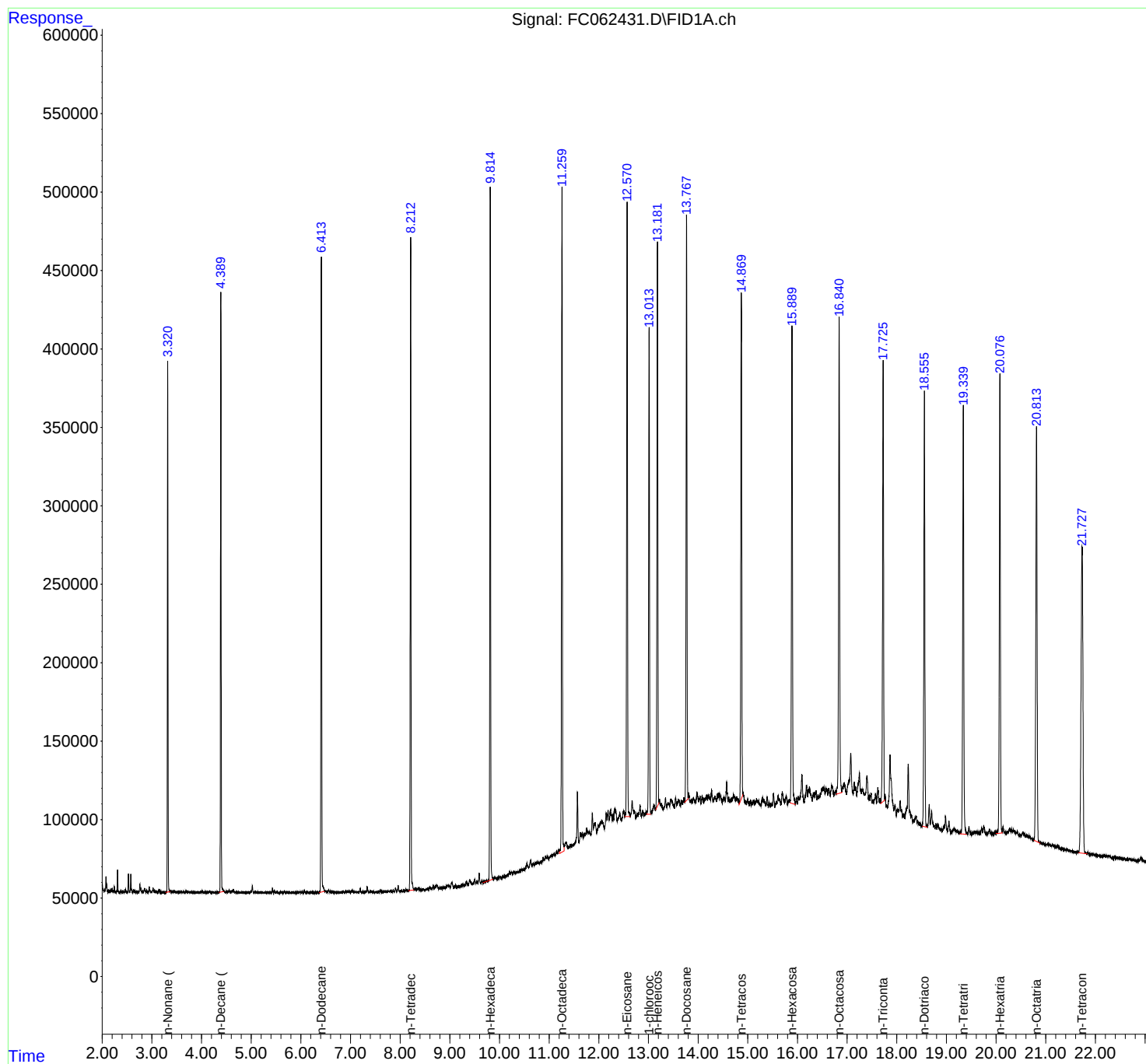
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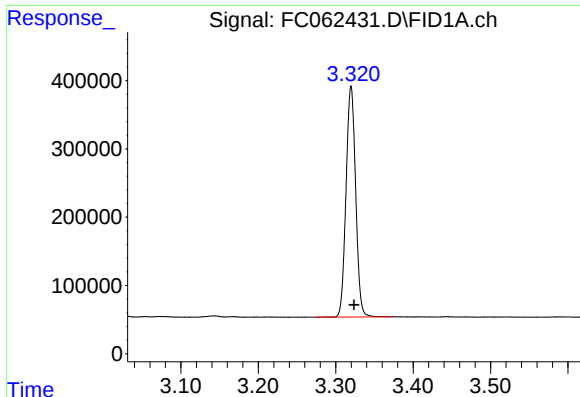
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.004 min
Response: 2915014
Conc: 22.66 ug/ml

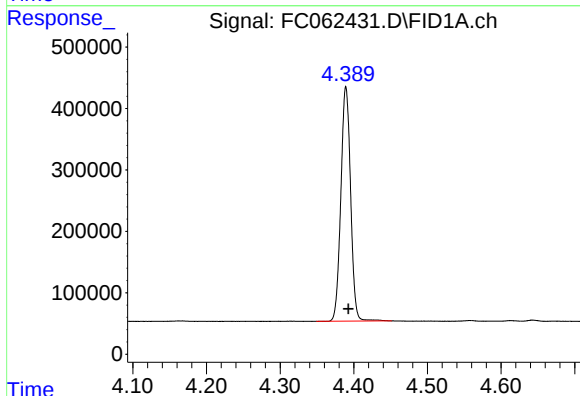
Instrument :

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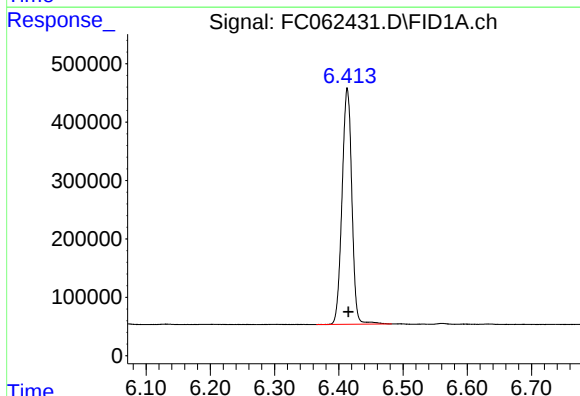
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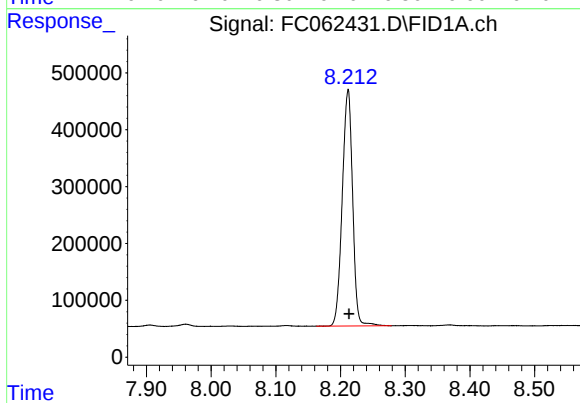
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 3508622
Conc: 28.20 ug/ml



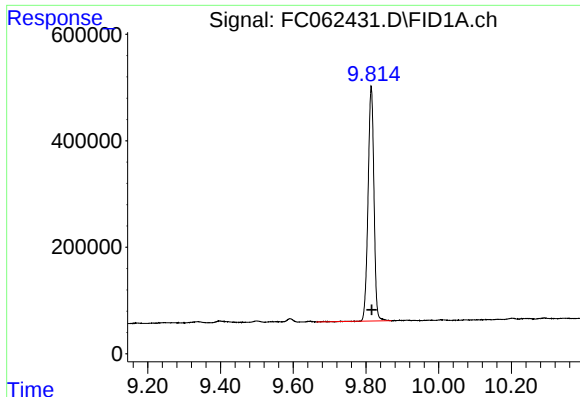
#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 4283040
Conc: 34.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 4627975
Conc: 38.00 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.001 min
Response: 4954574
Conc: 39.47 ug/ml

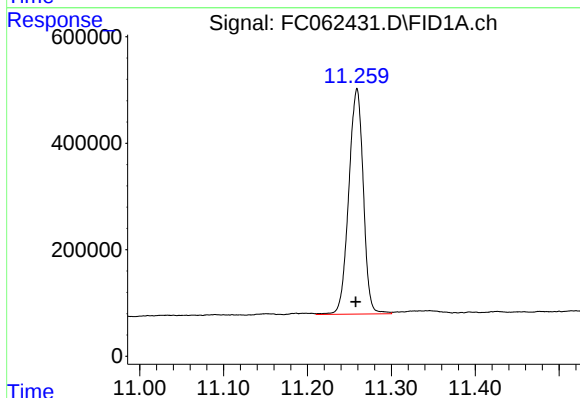
Instrument :

FID_C

ClientSampleId :
WASTEMS

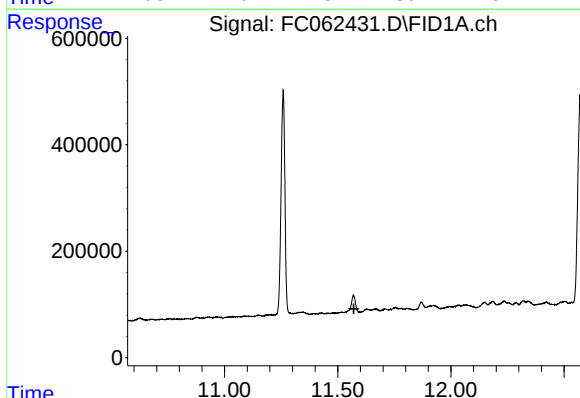
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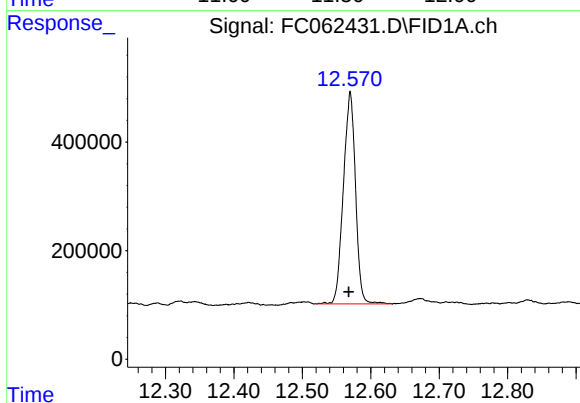
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: 0.001 min
Response: 5096319
Conc: 39.89 ug/ml



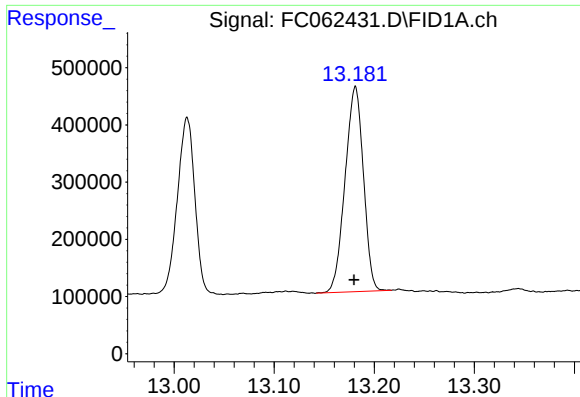
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.002 min
Response: 4819535
Conc: 38.74 ug/ml m



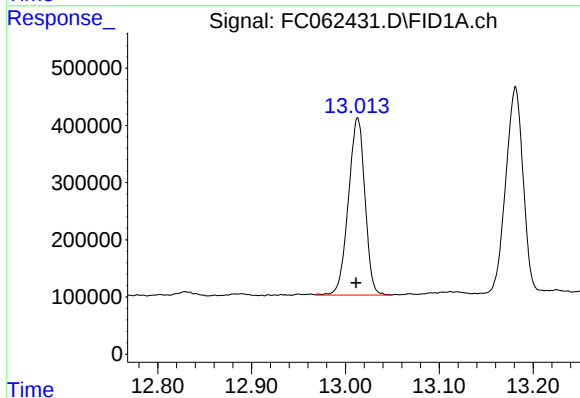
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: 0.000 min
Response: 4559713
Conc: 36.90 ug/ml

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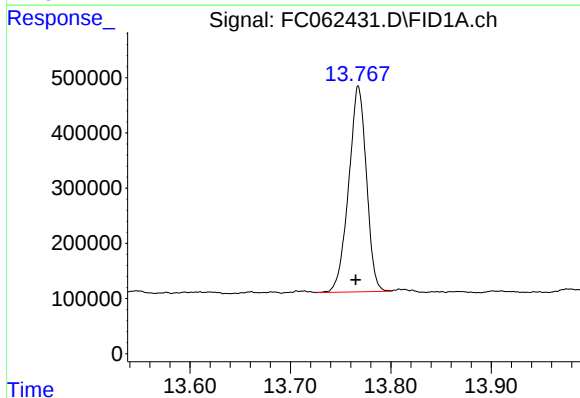
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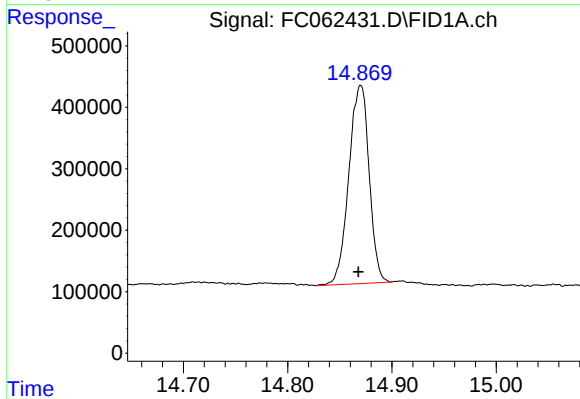
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: 0.001 min
Response: 3793953
Conc: 35.60 ug/ml m



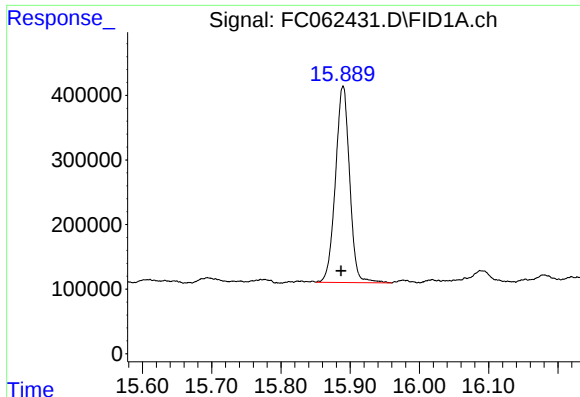
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: 0.002 min
Response: 4567561
Conc: 37.60 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.001 min
Response: 4369982
Conc: 36.46 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.003 min
Response: 4324051
Conc: 37.22 ug/ml

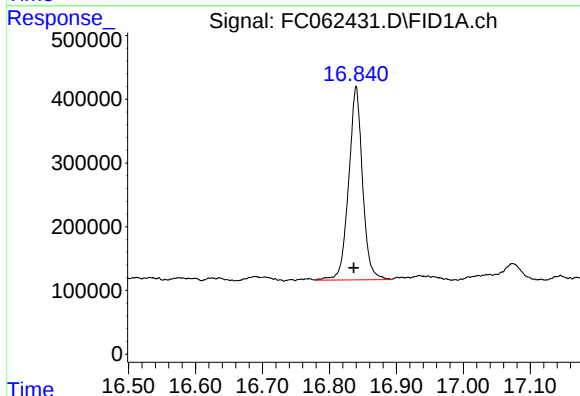
Instrument :

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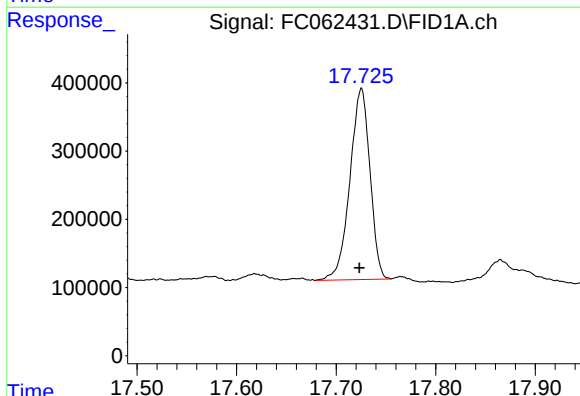
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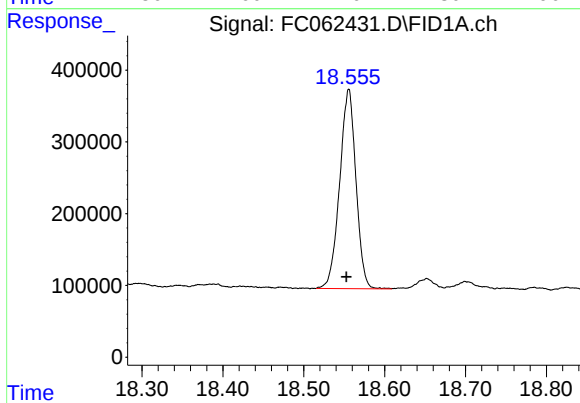
#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: 0.004 min
Response: 4352896
Conc: 38.30 ug/ml m



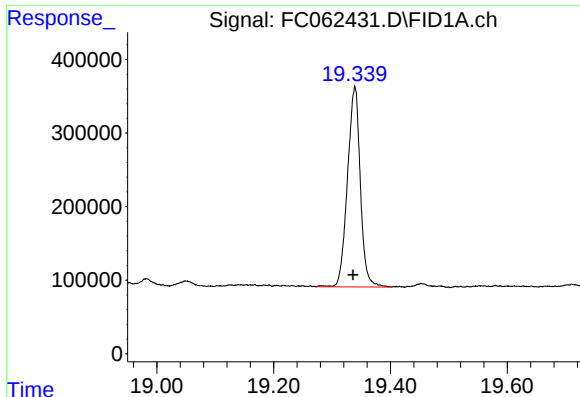
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: 0.002 min
Response: 3925231
Conc: 35.11 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.003 min
Response: 3896149
Conc: 35.06 ug/ml



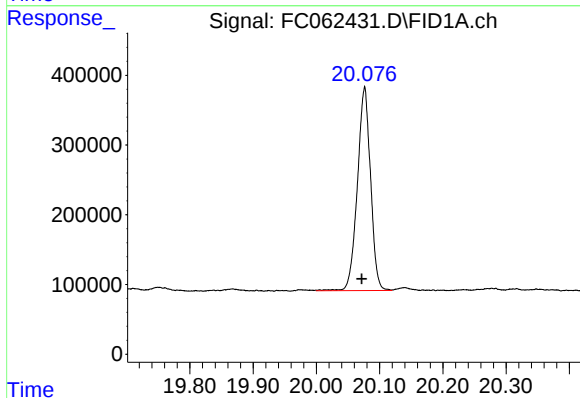
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: 0.003 min
Response: 4160302
Conc: 38.46 ug/ml

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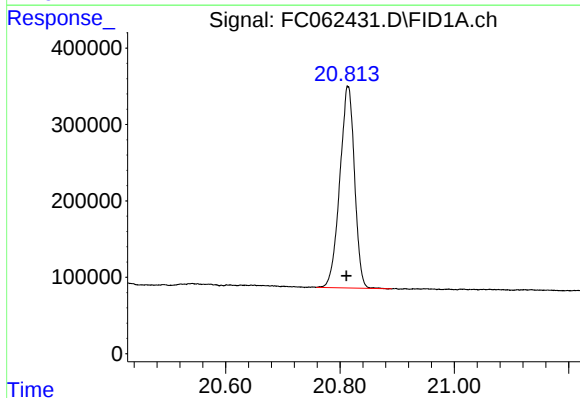
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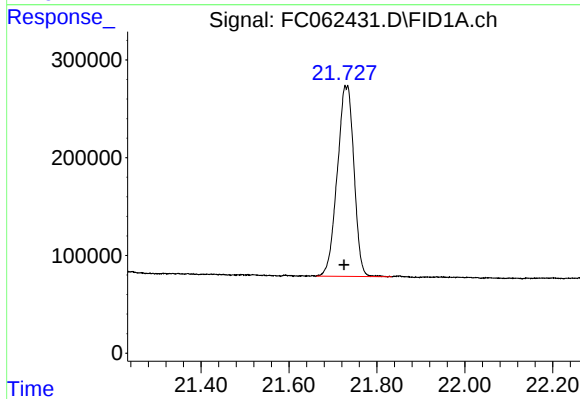
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.004 min
Response: 4213921
Conc: 41.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: 0.003 min
Response: 4721097
Conc: 46.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: 0.008 min
Response: 5135619
Conc: 50.67 ug/ml