

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032824AL\
 Data File : FC066132.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2024 18:00
 Operator : YP/AJ
 Sample : PB159832BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159832BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: autoint1.e
 Quant Time: Mar 29 02:23:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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...	12.899	6039668	41.427 ug/ml
Spiked Amount 50.000		Recovery =	82.85%
Target Compounds			
1) T n-Nonane (C9)	3.278	3699229	22.142 ug/ml
2) T n-Decane (C10)	4.337	4794105	27.642 ug/ml
4) T n-Dodecane (C12)	6.345	7047897	39.994 ug/ml
6) T n-Tetradecane (C14)	8.132	8787230	50.532 ug/ml
7) T n-Hexadecane (C16)	9.724	9895465	55.390 ug/ml
8) T n-Octadecane (C18)	11.157	10781769	59.317 ug/ml
10) T n-Eicosane (C20)	12.458	11279974	64.599 ug/ml
11) T n-Heneicosane (C21)	13.067	11160689	64.372 ug/ml
13) T n-Docosane (C22)	13.648	11147420	64.817 ug/ml
14) T n-Tetracosane (C24)	14.744	11165631	65.374 ug/ml
15) T n-Hexacosane (C26)	15.757	11228604	66.683 ug/ml
16) T n-Octacosane (C28)	16.701	11339681	68.204 ug/ml
17) T n-Tricontane (C30)	17.582	11488202	67.285 ug/ml
18) T n-Dotriacontane (C32)	18.410	11427677	67.790 ug/mlm
19) T n-Tetratriacontane (C34)	19.186	11477695	70.030 ug/ml
20) T n-Hexatriacontane (C36)	19.920	11206848	70.485 ug/mlm
21) T n-Octatriacontane (C38)	20.631	11199489	71.499 ug/ml
22) T n-Tetracontane (C40)	21.487	10952829	69.262 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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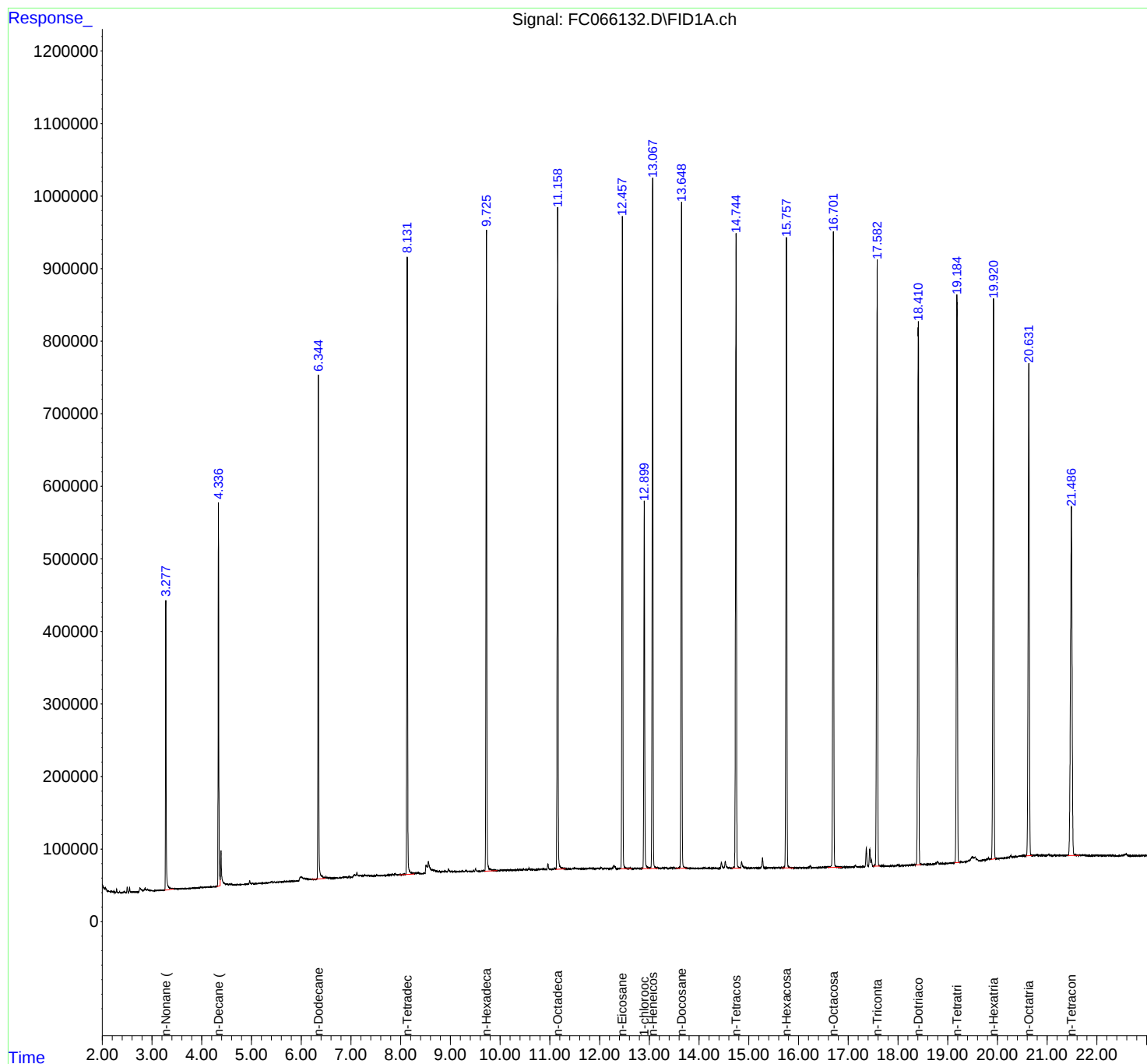
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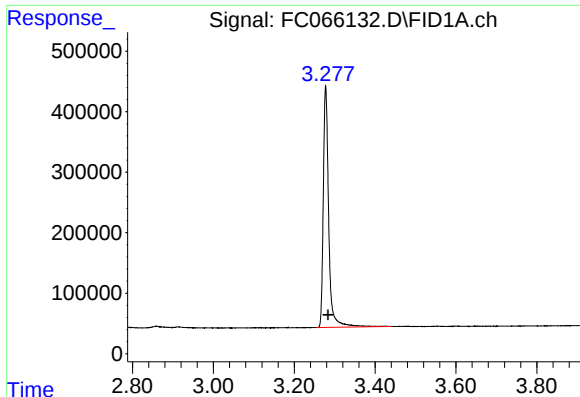
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#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3699229
Conc: 22.14 ug/ml

Instrument :

FID_C

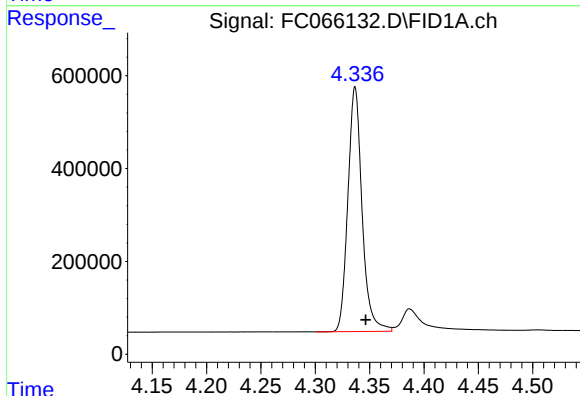
ClientSampleId :

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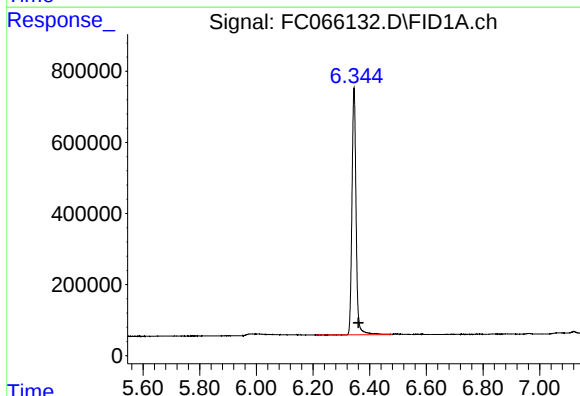
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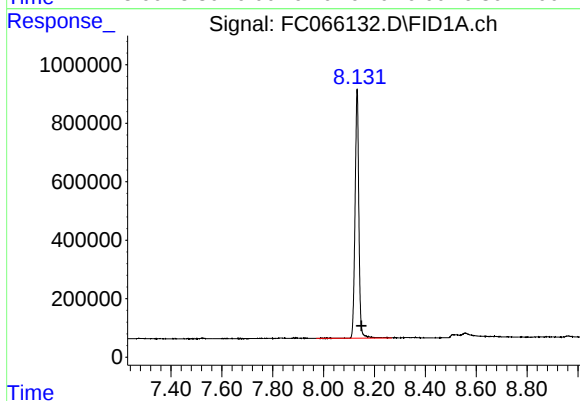
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: -0.010 min
Response: 4794105
Conc: 27.64 ug/ml



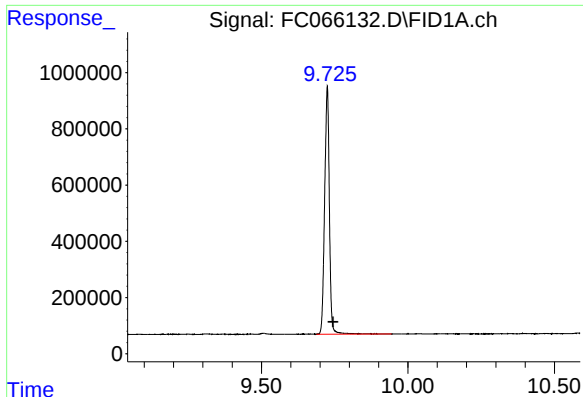
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.015 min
Response: 7047897
Conc: 39.99 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 8787230
Conc: 50.53 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.020 min
Response: 9895465
Conc: 55.39 ug/ml

Instrument :

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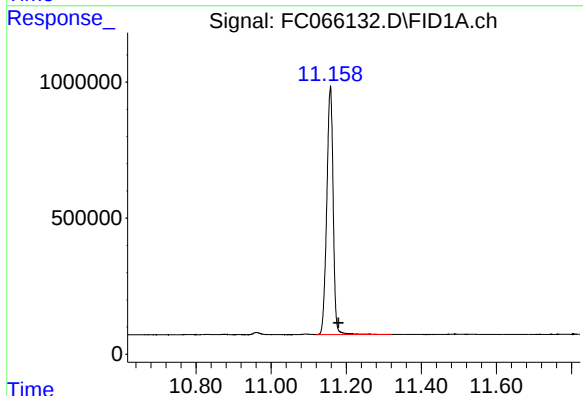
ClientSampleId :

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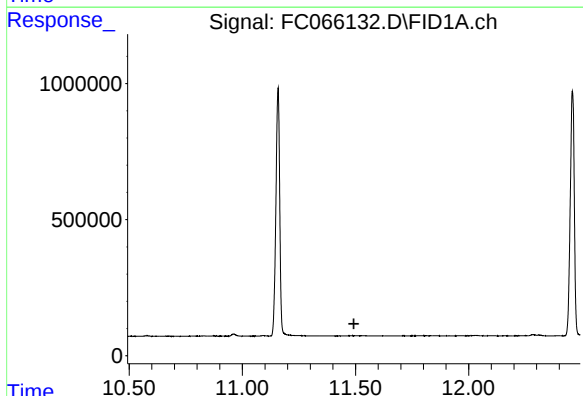
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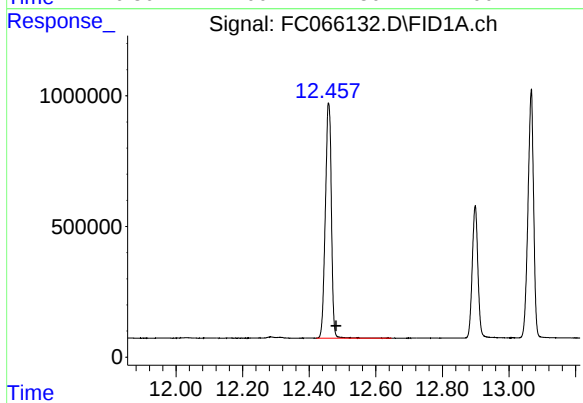
#8 n-Octadecane (C18)

R.T.: 11.157 min
Delta R.T.: -0.021 min
Response: 10781769
Conc: 59.32 ug/ml



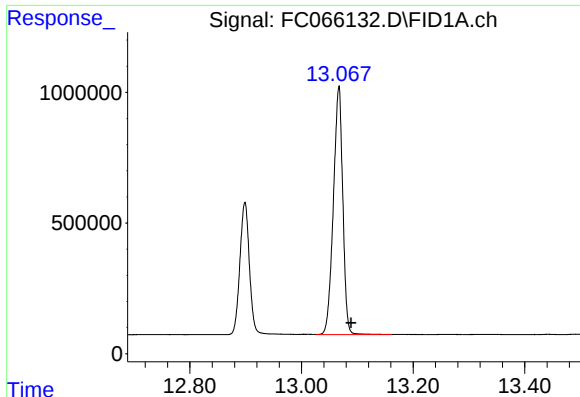
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: -0.022 min
Response: 11279974
Conc: 64.60 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 11160689
Conc: 64.37 ug/ml

Instrument :

FID_C

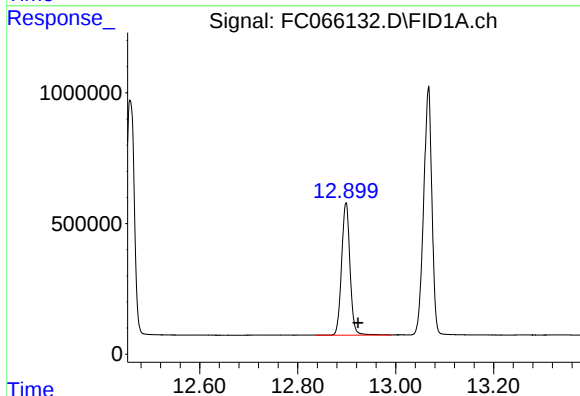
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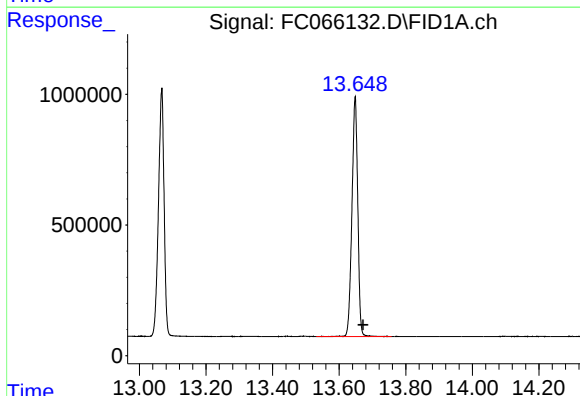
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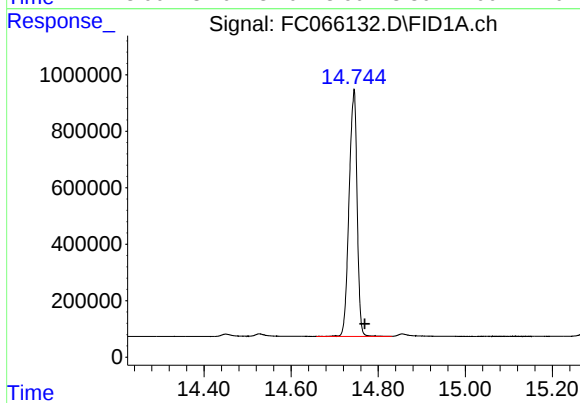
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 6039668
Conc: 41.43 ug/ml



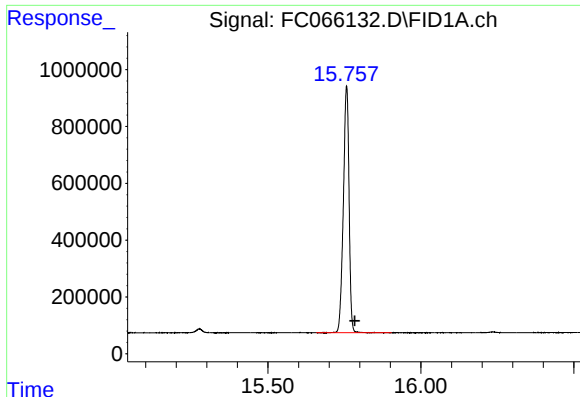
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.024 min
Response: 11147420
Conc: 64.82 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.026 min
Response: 11165631
Conc: 65.37 ug/ml



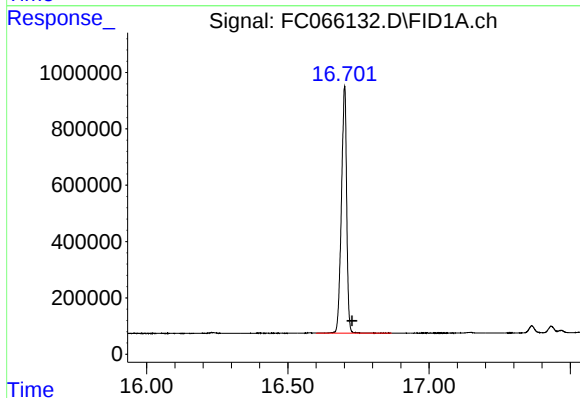
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.027 min
Response: 11228604
Conc: 66.68 ug/ml

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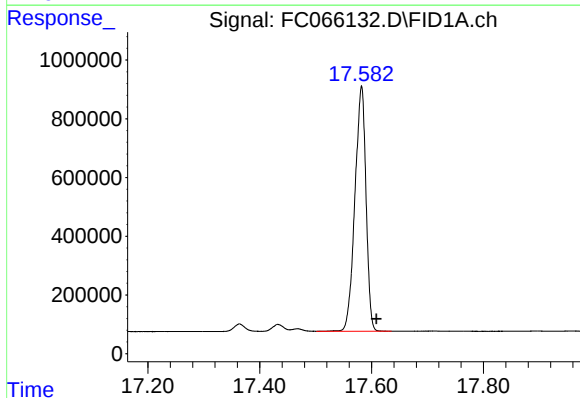
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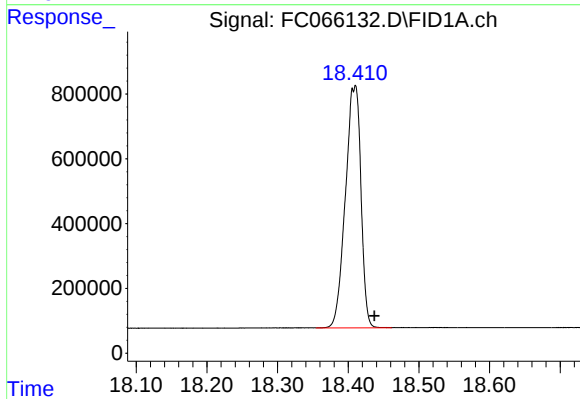
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: -0.027 min
Response: 11339681
Conc: 68.20 ug/ml



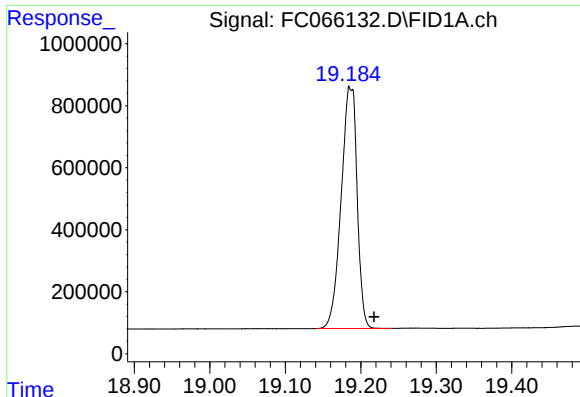
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.027 min
Response: 11488202
Conc: 67.28 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: -0.027 min
Response: 11427677
Conc: 67.79 ug/ml m



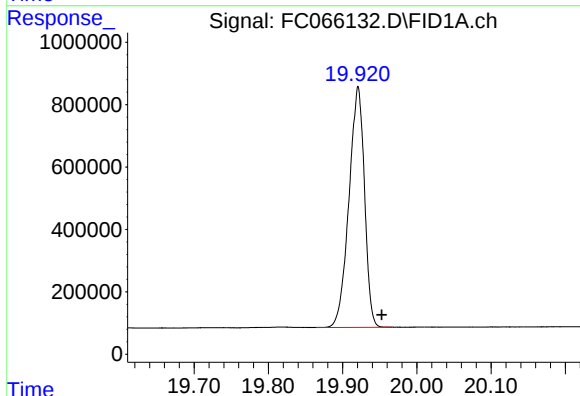
#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.031 min
Response: 11477695
Conc: 70.03 ug/ml

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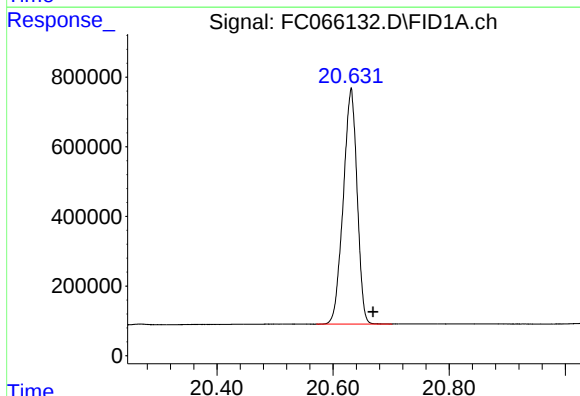
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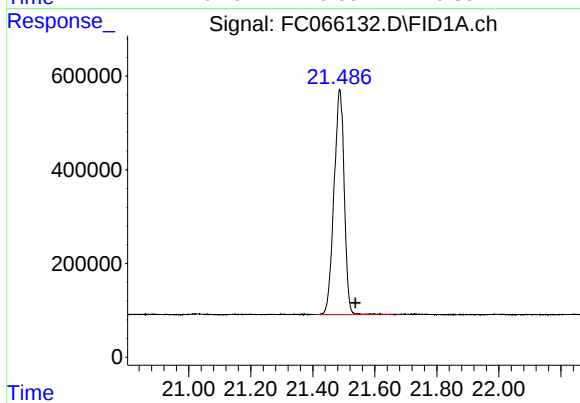
#20 n-Hexatriacontane (C36)

R.T.: 19.920 min
Delta R.T.: -0.032 min
Response: 11206848
Conc: 70.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: -0.038 min
Response: 11199489
Conc: 71.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.487 min
Delta R.T.: -0.050 min
Response: 10952829
Conc: 69.26 ug/ml