

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032824AL\
 Data File : FC066131.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2024 17:19
 Operator : YP/AJ
 Sample : PB159832BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159832BS

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 02:23:21 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	6142170	42.130 ug/ml
Spiked Amount 50.000		Recovery =	84.26%
Target Compounds			
1) T n-Nonane (C9)	3.278	3668164	21.956 ug/ml
2) T n-Decane (C10)	4.337	4780343	27.563 ug/ml
4) T n-Dodecane (C12)	6.345	7062066	40.075 ug/ml
6) T n-Tetradecane (C14)	8.132	8903521	51.201 ug/ml
7) T n-Hexadecane (C16)	9.724	10046172	56.234 ug/ml
8) T n-Octadecane (C18)	11.158	11044066	60.760 ug/ml
10) T n-Eicosane (C20)	12.459	11555907	66.179 ug/ml
11) T n-Heneicosane (C21)	13.067	11359817	65.520 ug/ml
13) T n-Docosane (C22)	13.648	11353499	66.015 ug/ml
14) T n-Tetracosane (C24)	14.743	11336182	66.372 ug/ml
15) T n-Hexacosane (C26)	15.756	11335290	67.316 ug/ml
16) T n-Octacosane (C28)	16.699	11366170	68.363 ug/ml
17) T n-Tricontane (C30)	17.581	11483234	67.255 ug/ml
18) T n-Dotriacontane (C32)	18.406	11382257	67.521 ug/mlm
19) T n-Tetratriacontane (C34)	19.185	11440902	69.806 ug/ml
20) T n-Hexatriacontane (C36)	19.918	11179679	70.314 ug/mlm
21) T n-Octatriacontane (C38)	20.631	11160997	71.253 ug/ml
22) T n-Tetracontane (C40)	21.488	10925771	69.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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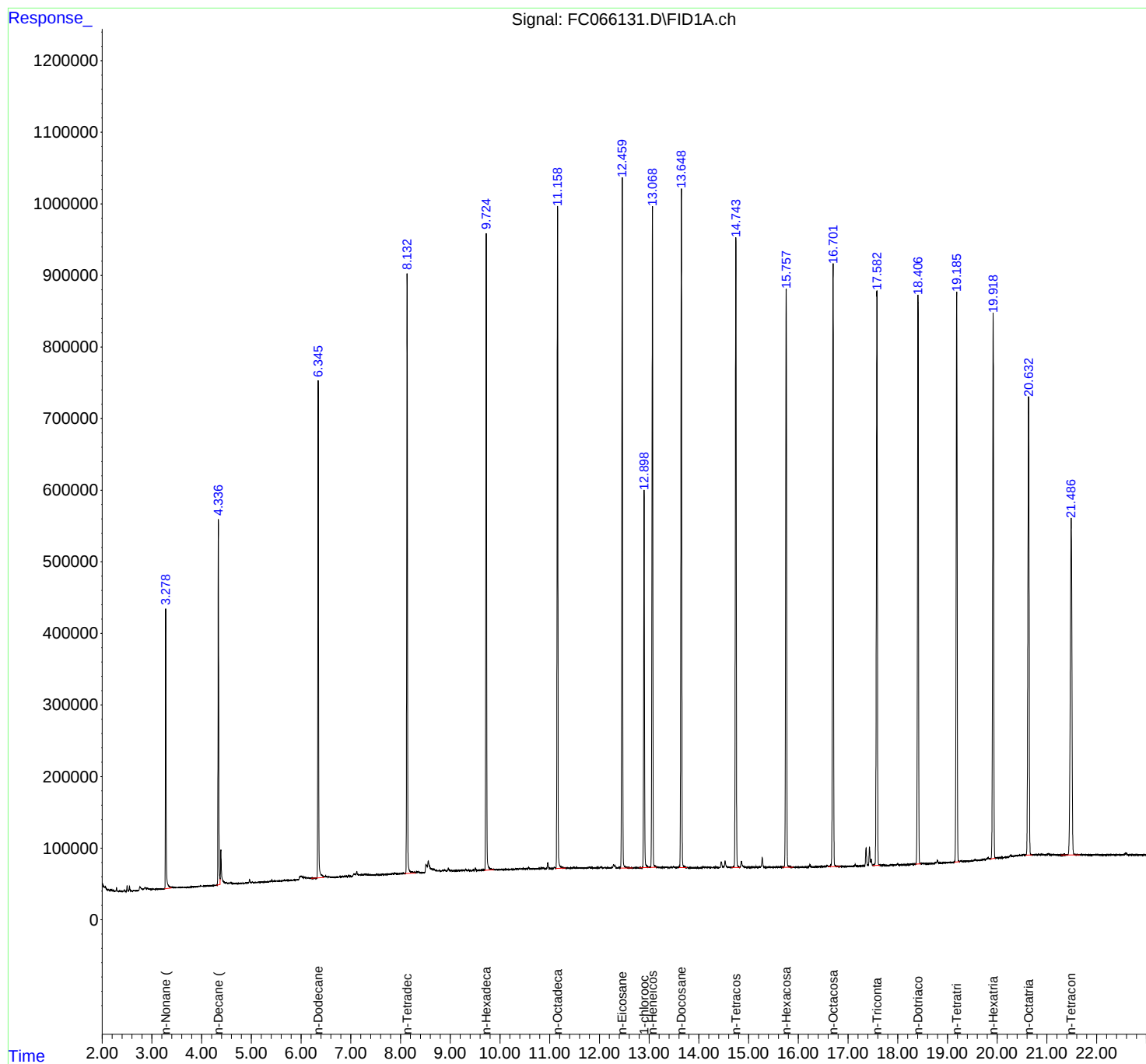
Response via : Initial Calibration

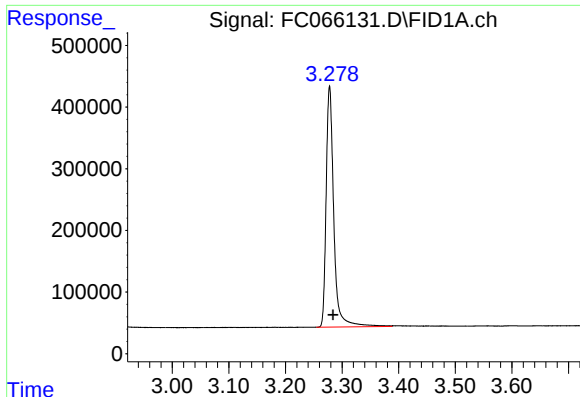
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





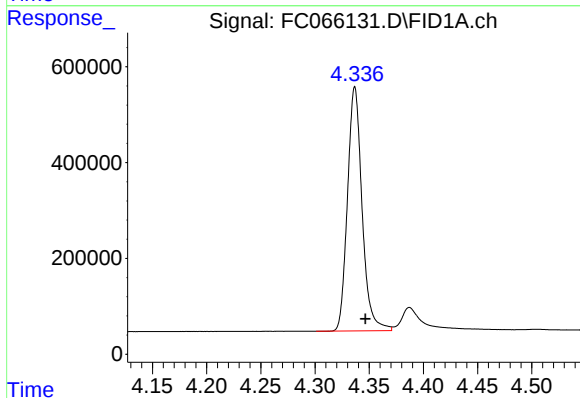
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3668164
Conc: 21.96 ug/ml

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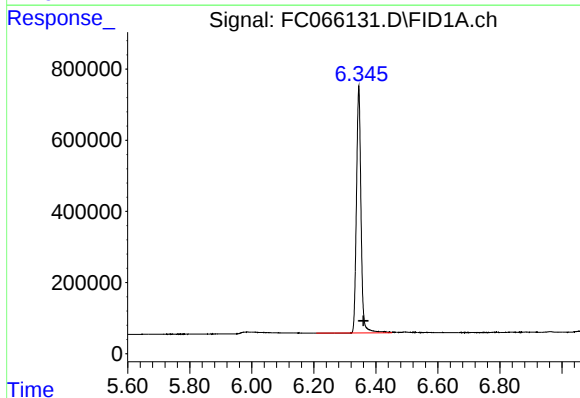
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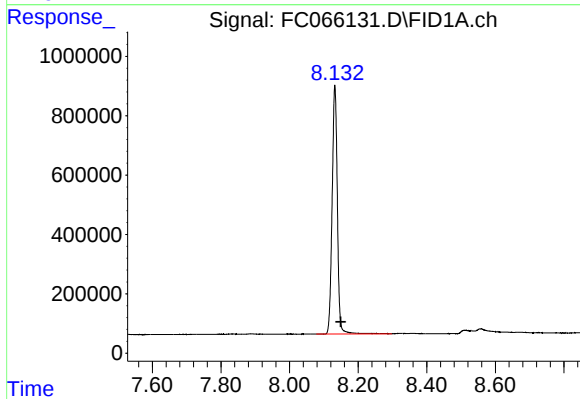
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: -0.010 min
Response: 4780343
Conc: 27.56 ug/ml



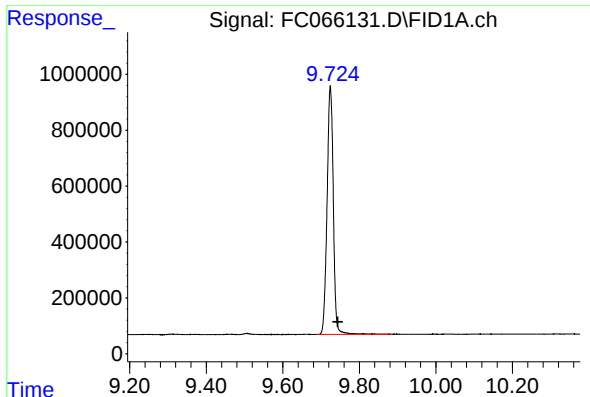
#4 n-Dodecane (C12)

R.T.: 6.345 min
Delta R.T.: -0.015 min
Response: 7062066
Conc: 40.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.132 min
Delta R.T.: -0.017 min
Response: 8903521
Conc: 51.20 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.020 min
Response: 10046172
Conc: 56.23 ug/ml

Instrument :

FID_C

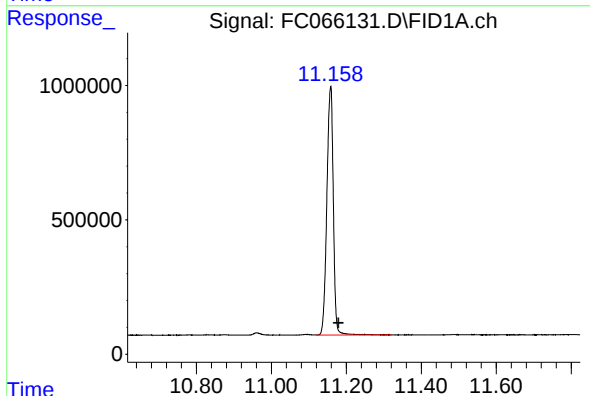
ClientSampleId :

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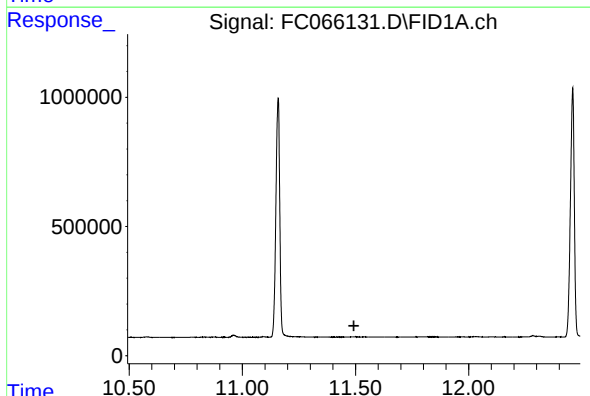
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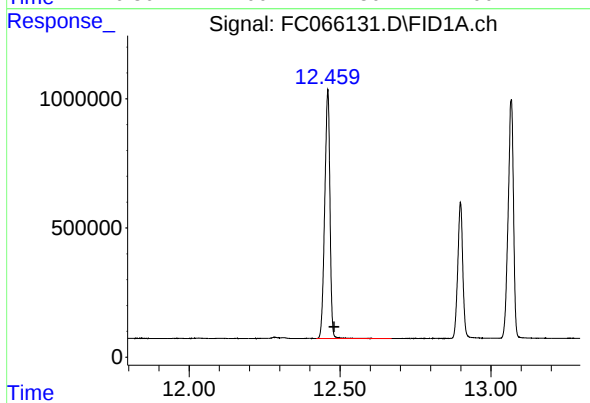
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: -0.021 min
Response: 11044066
Conc: 60.76 ug/ml



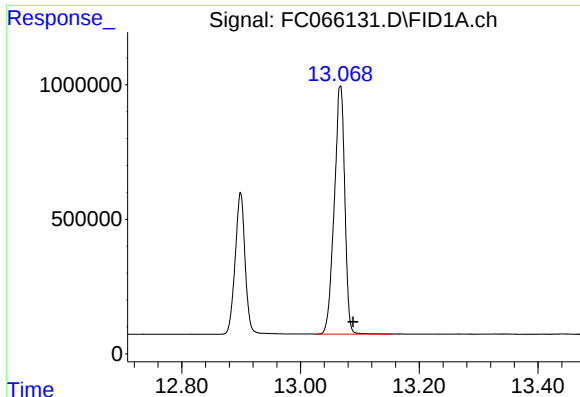
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 11555907
Conc: 66.18 ug/ml



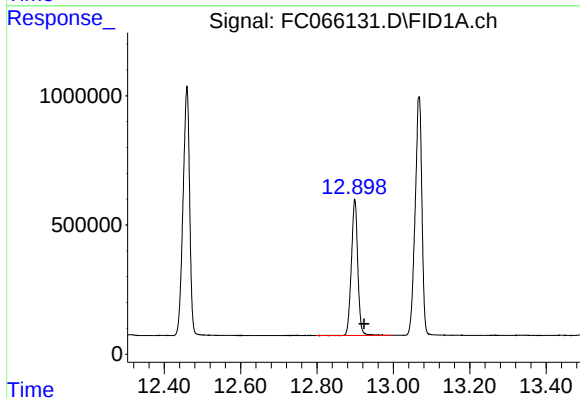
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 11359817
Conc: 65.52 ug/ml

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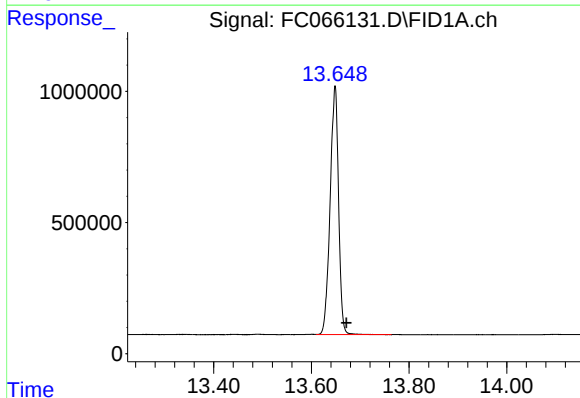
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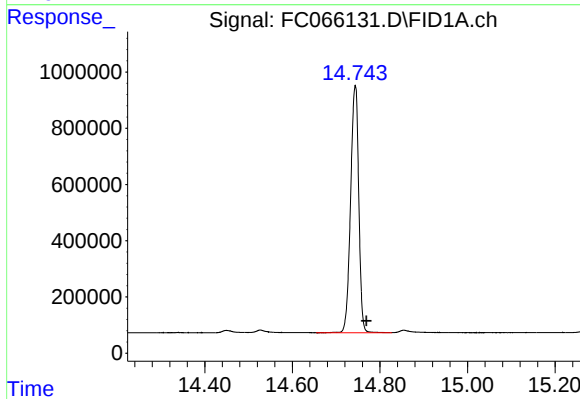
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: -0.025 min
Response: 6142170
Conc: 42.13 ug/ml



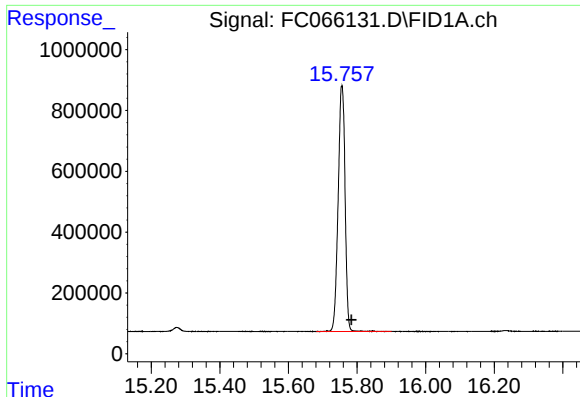
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.023 min
Response: 11353499
Conc: 66.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.026 min
Response: 11336182
Conc: 66.37 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: -0.028 min
Response: 11335290
Conc: 67.32 ug/ml

Instrument :

FID_C

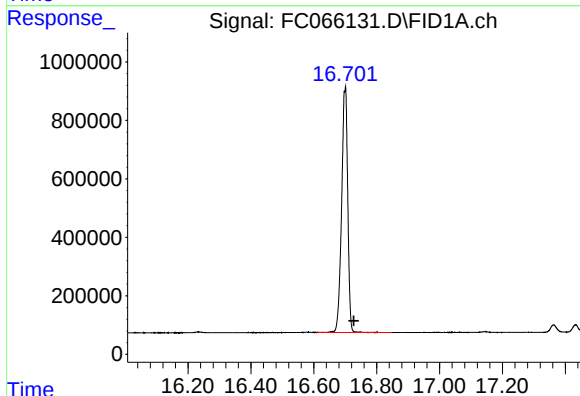
ClientSampleId :

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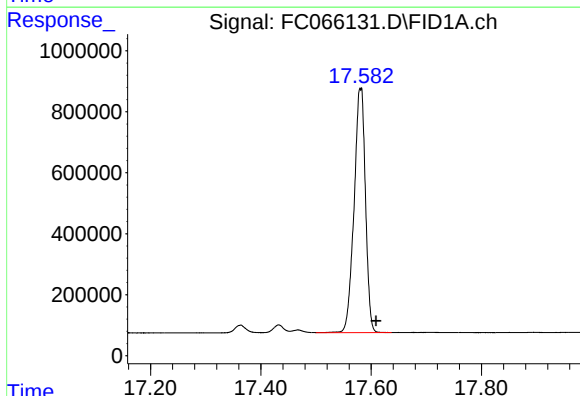
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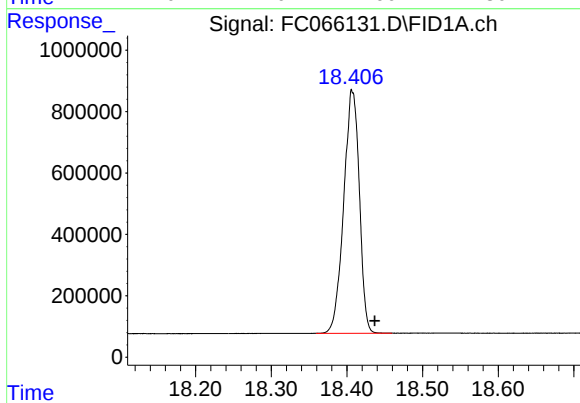
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.028 min
Response: 11366170
Conc: 68.36 ug/ml



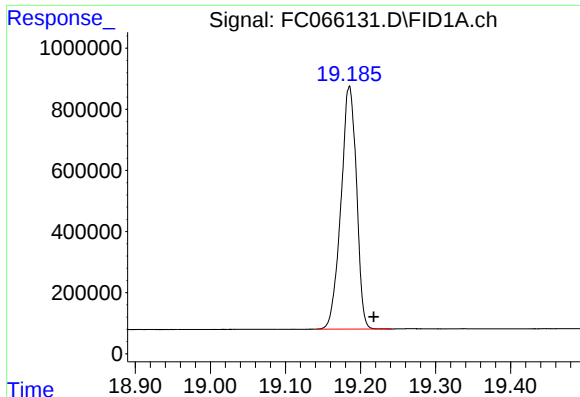
#17 n-Tricontane (C30)

R.T.: 17.581 min
Delta R.T.: -0.028 min
Response: 11483234
Conc: 67.26 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.031 min
Response: 11382257
Conc: 67.52 ug/ml m



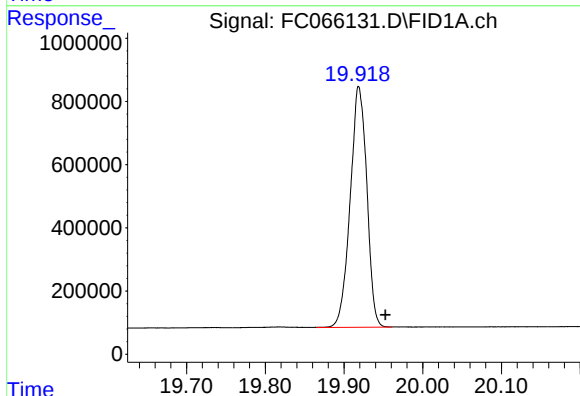
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.032 min
Response: 11440902
Conc: 69.81 ug/ml

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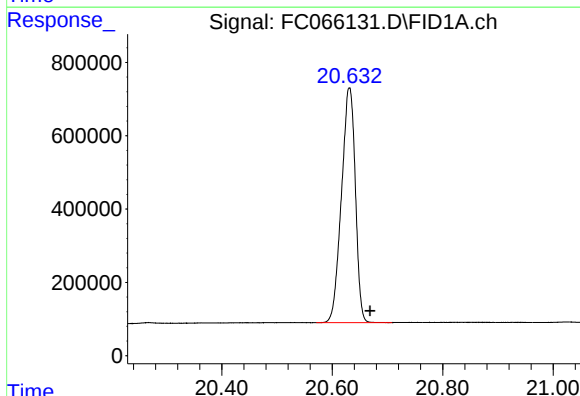
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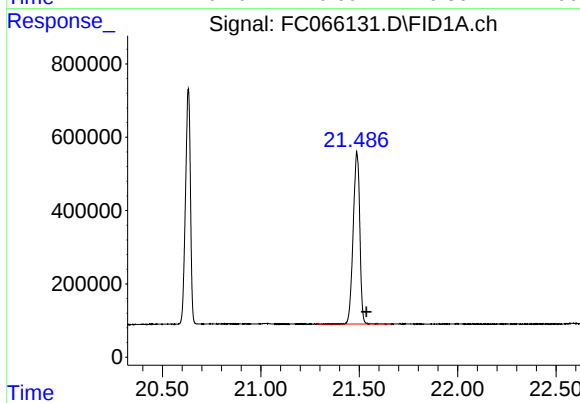
#20 n-Hexatriacontane (C36)

R.T.: 19.918 min
Delta R.T.: -0.035 min
Response: 11179679
Conc: 70.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: -0.038 min
Response: 11160997
Conc: 71.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: -0.049 min
Response: 10925771
Conc: 69.09 ug/ml