

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062024AL\
 Data File : FC066653.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2024 17:53
 Operator : YP/AJ
 Sample : P2976-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-K-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2024
 Supervised By :Ankita Jodhani 06/21/2024

Integration File: autoint1.e
 Quant Time: Jun 21 02:05:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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			
9) S ortho-Terphenyl (SURR)	11.537	5759822	33.393 ug/ml
Spiked Amount 50.000		Recovery =	66.79%
12) S 1-chlorooctadecane (S...	12.975	4917232	35.637 ug/ml
Spiked Amount 50.000		Recovery =	71.27%
Target Compounds			
1) T n-Nonane (C9)	3.301	4293493	29.550 ug/ml
2) T n-Decane (C10)	4.366	5010493	33.591 ug/ml
3) T A~Naphthalene (C11.7)	5.947	6024161	37.103 ug/ml
4) T n-Dodecane (C12)	6.383	5316000	35.076 ug/ml
5) T A~2-methylnaphthalene...	7.004	6309020	39.713 ug/ml
6) T n-Tetradecane (C14)	8.180	5966314	39.333 ug/ml
7) T n-Hexadecane (C16)	9.780	6676808	41.681 ug/ml
8) T n-Octadecane (C18)	11.223	6993844	42.151 ug/ml
10) T n-Eicosane (C20)	12.533	7122493	43.813 ug/ml
11) T n-Heneicosane (C21)	13.144	6907357	42.870 ug/ml
13) T n-Docosane (C22)	13.730	6824092	42.565 ug/ml
14) T n-Tetracosane (C24)	14.834	6035253	38.027 ug/ml
15) T n-Hexacosane (C26)	15.856	6336849	41.500 ug/ml
16) T n-Octacosane (C28)	16.803	6007551	41.647 ug/ml
17) T n-Tricontane (C30)	17.692	5804385	41.545 ug/ml
18) T n-Dotriacontane (C32)	18.522	5595929	42.402 ug/ml
19) T n-Tetratriacontane (C34)	19.306	5432797	43.928 ug/ml
20) T n-Hexatriacontane (C36)	20.044	5384399	44.676 ug/mlm
21) T n-Octatriacontane (C38)	20.777	5213216	45.591 ug/ml
22) T n-Tetracontane (C40)	21.679	5060050	45.054 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2976-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

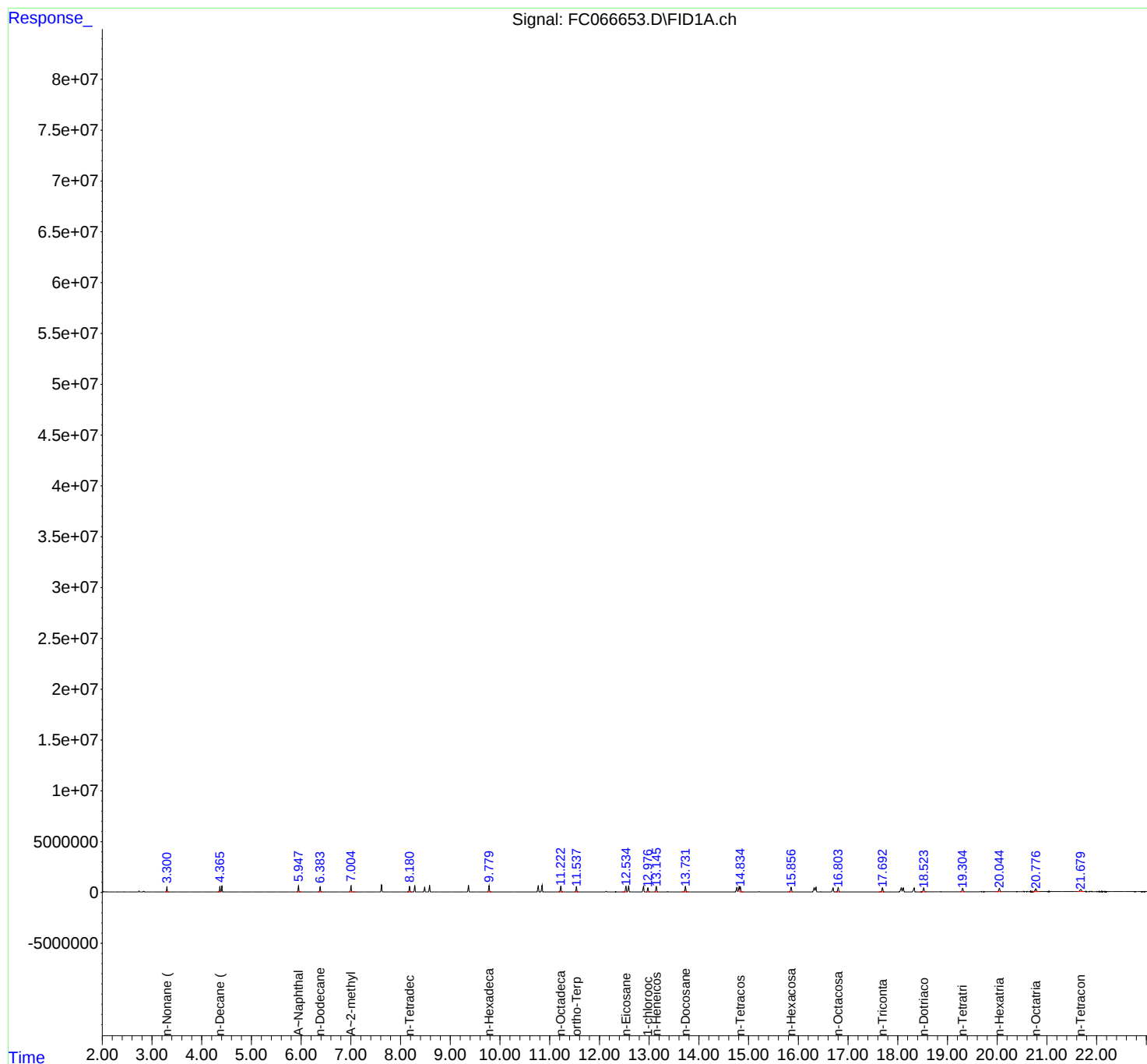
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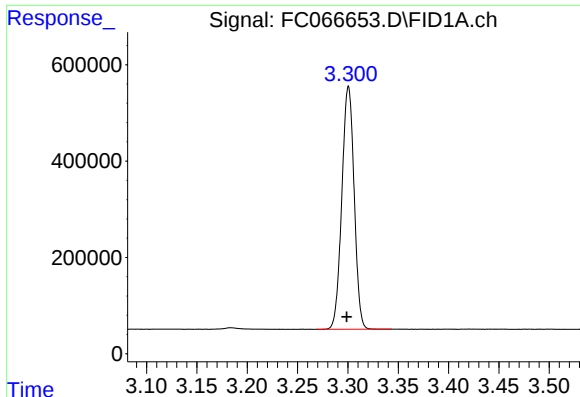
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.002 min
Response: 4293493
Conc: 29.55 ug/ml

Instrument :

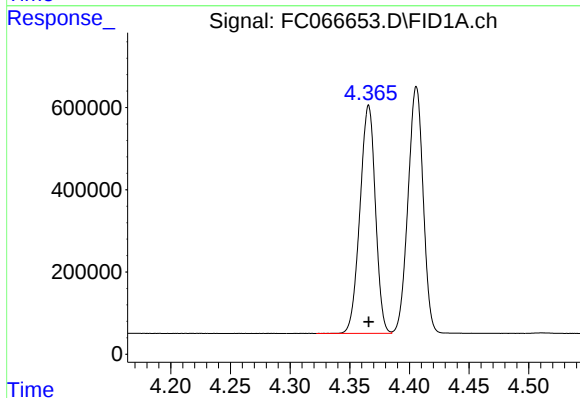
FID_C

ClientSampleId :

MH-K-COMPMSD

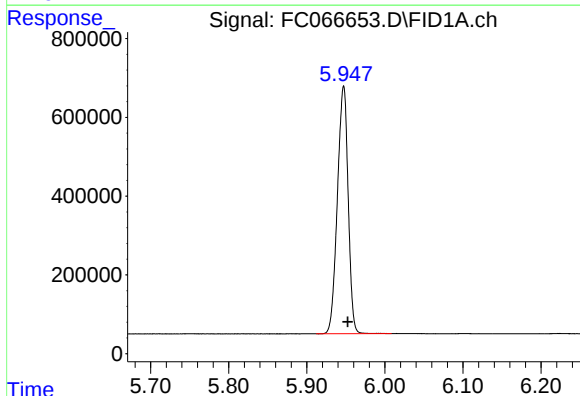
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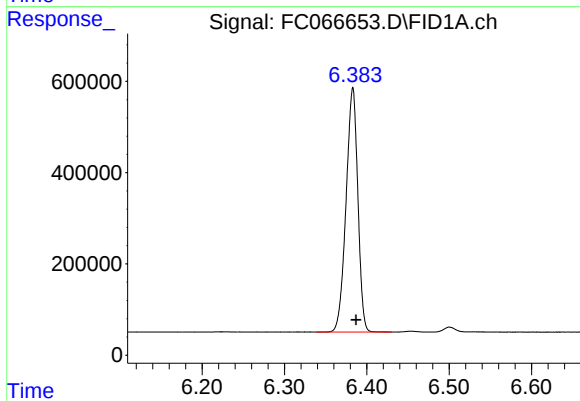
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 5010493
Conc: 33.59 ug/ml



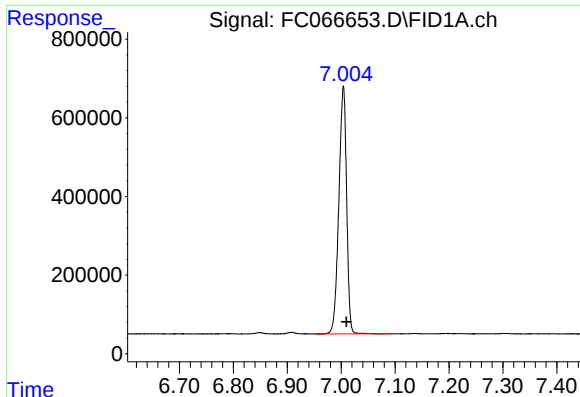
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 6024161
Conc: 37.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 5316000
Conc: 35.08 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.006 min
Response: 6309020
Conc: 39.71 ug/ml

Instrument :

FID_C

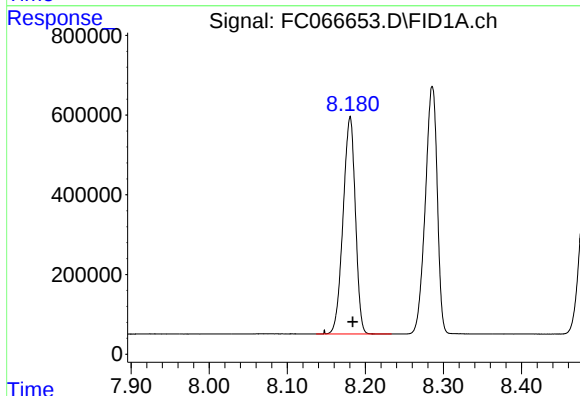
ClientSampleId :

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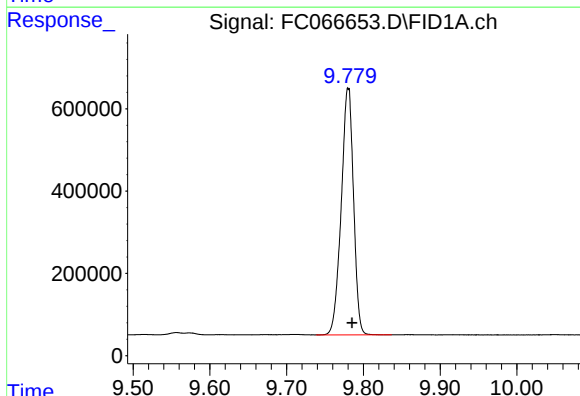
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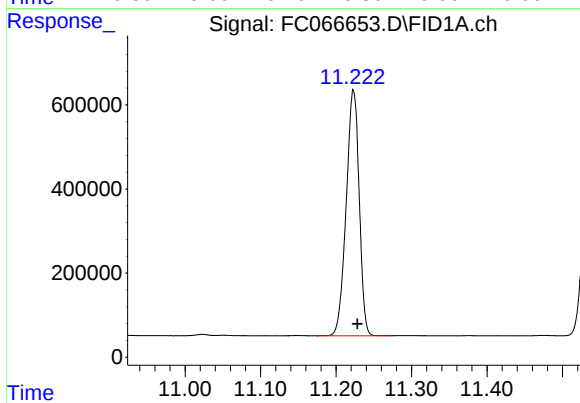
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.003 min
Response: 5966314
Conc: 39.33 ug/ml



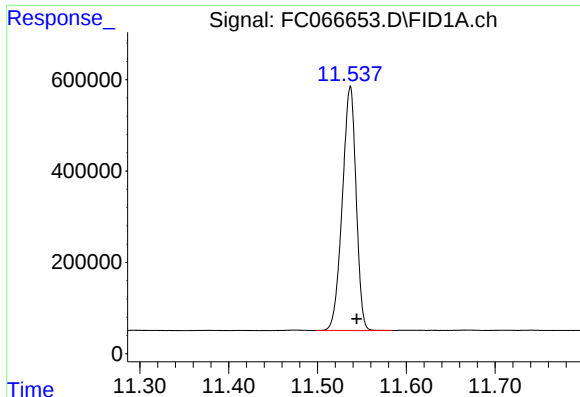
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.005 min
Response: 6676808
Conc: 41.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.005 min
Response: 6993844
Conc: 42.15 ug/ml



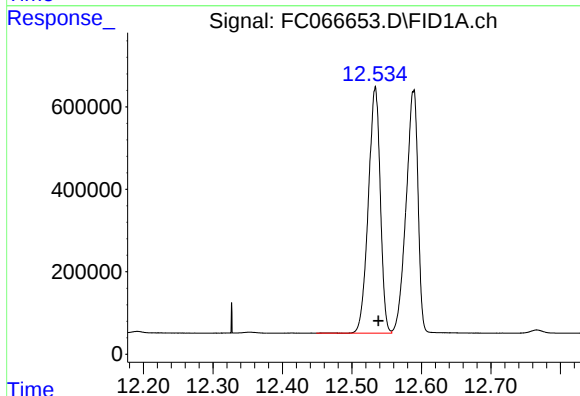
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.008 min
Response: 5759822
Conc: 33.39 ug/ml

Instrument :
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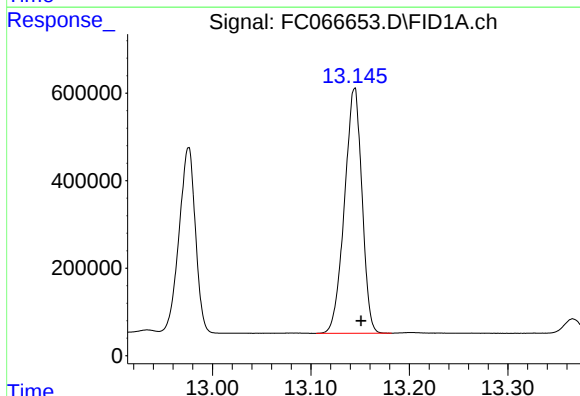
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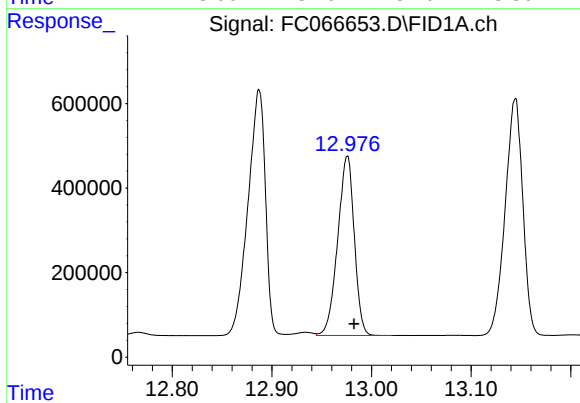
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.005 min
Response: 7122493
Conc: 43.81 ug/ml



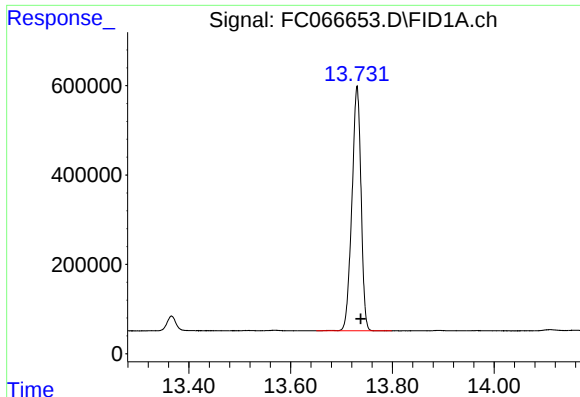
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 6907357
Conc: 42.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 4917232
Conc: 35.64 ug/ml



#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 6824092
Conc: 42.56 ug/ml

Instrument :

FID_C

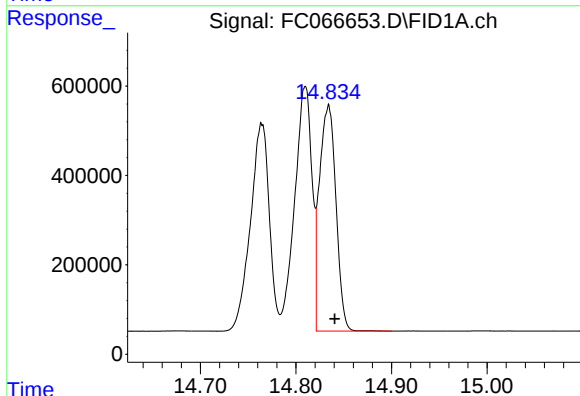
ClientSampleId :

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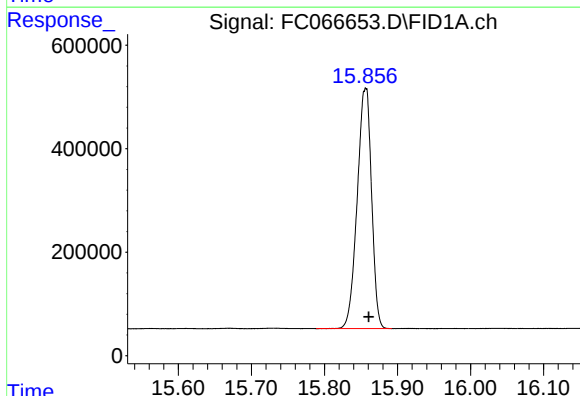
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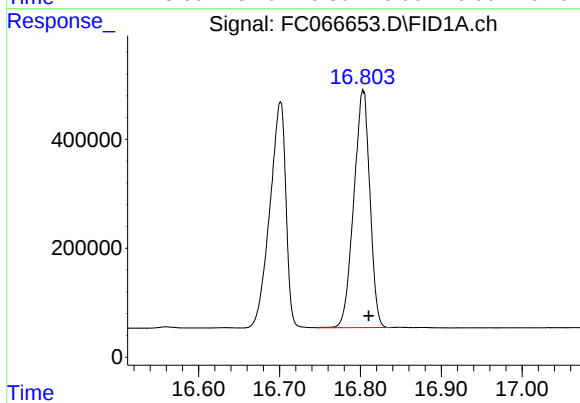
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: -0.007 min
Response: 6035253
Conc: 38.03 ug/ml



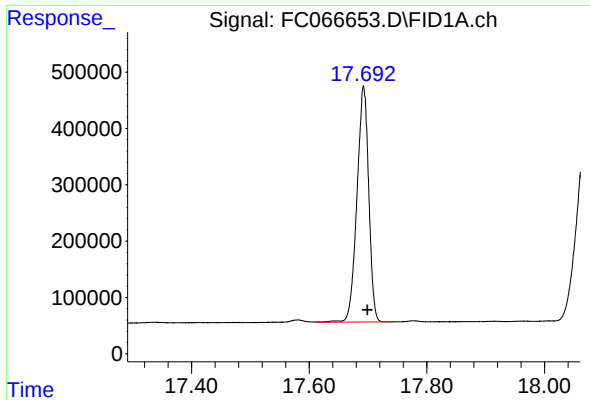
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.005 min
Response: 6336849
Conc: 41.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.007 min
Response: 6007551
Conc: 41.65 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.007 min
Response: 5804385
Conc: 41.54 ug/ml

Instrument :

FID_C

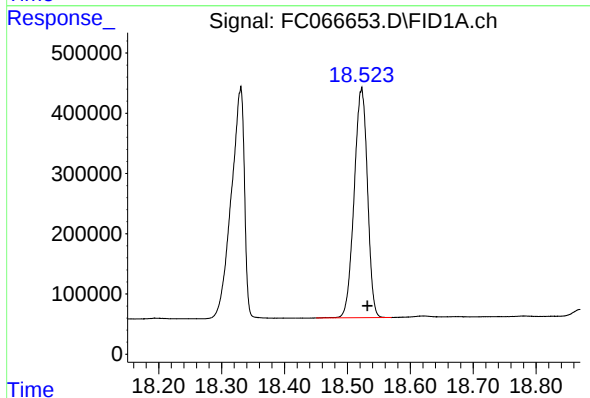
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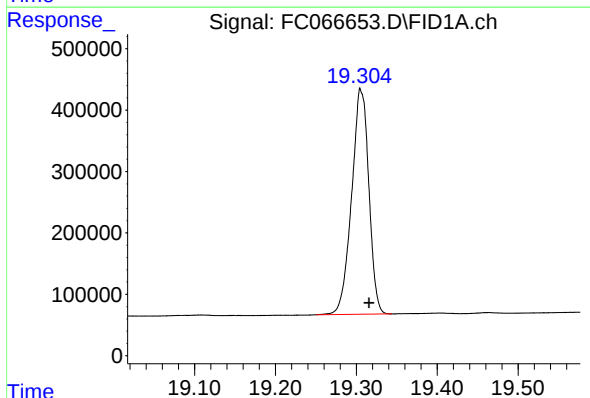
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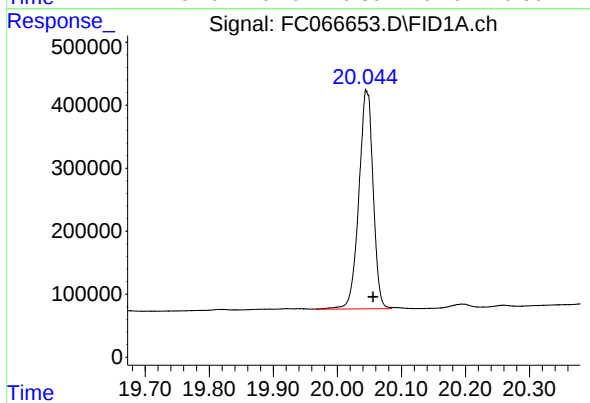
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.009 min
Response: 5595929
Conc: 42.40 ug/ml



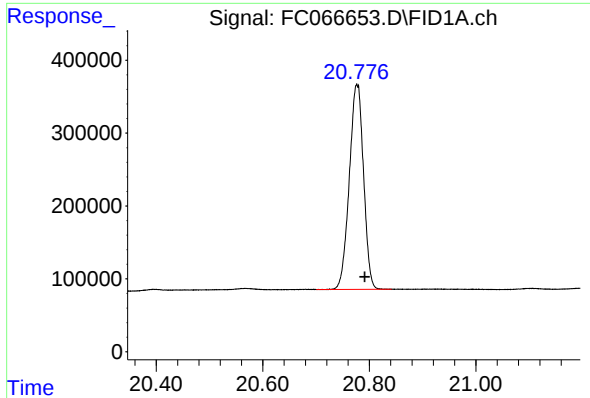
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.010 min
Response: 5432797
Conc: 43.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.012 min
Response: 5384399
Conc: 44.68 ug/ml m



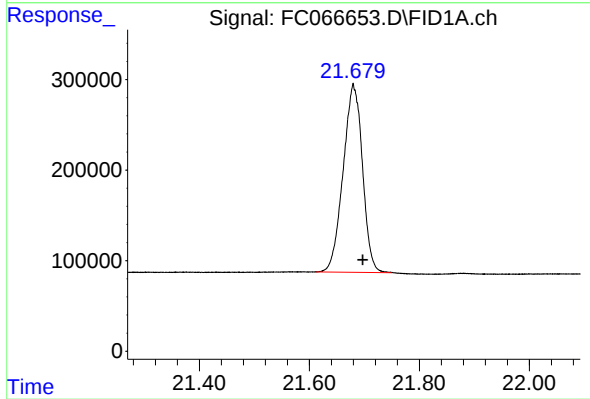
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.014 min
Response: 5213216
Conc: 45.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.018 min
Response: 5060050
Conc: 45.05 ug/ml m