

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
 Data File : FC066270.D
 Signal(s) : FID1A.ch
 Acq On : 30 Apr 2024 21:23
 Operator : YP/AJ
 Sample : P2311-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 01 03:08:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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)	11.566	4008088	29.025 ug/ml
Spiked Amount 50.000		Recovery =	58.05%
12) S 1-chlorooctadecane (S...	13.004	3073611	31.324 ug/ml
Spiked Amount 50.000		Recovery =	62.65%
Target Compounds			
1) T n-Nonane (C9)	3.329	4582923	35.599 ug/ml
2) T n-Decane (C10)	4.395	4893309	37.528 ug/ml
3) T A~Naphthalene (C11.7)	5.974	5382185	37.527 ug/ml
4) T n-Dodecane (C12)	6.410	5071612	39.168 ug/ml
5) T A~2-methylnaphthalene...	7.031	5254448	38.158 ug/ml
6) T n-Tetradecane (C14)	8.207	5041363	40.053 ug/ml
7) T n-Hexadecane (C16)	9.808	4928708	38.695 ug/ml
8) T n-Octadecane (C18)	11.251	5094413	40.023 ug/ml
10) T n-Eicosane (C20)	12.562	4971879	41.257 ug/ml
11) T n-Heneicosane (C21)	13.174	4982288	42.107 ug/ml
13) T n-Docosane (C22)	13.761	4746495	40.432 ug/ml
14) T n-Tetracosane (C24)	14.863	4393732	37.658 ug/ml
15) T n-Hexacosane (C26)	15.887	4708563	40.958 ug/ml
16) T n-Octacosane (C28)	16.836	4837725	42.687 ug/ml
17) T n-Tricontane (C30)	17.726	4949437	42.724 ug/ml
18) T n-Dotriacontane (C32)	18.558	5079730	44.244 ug/ml
19) T n-Tetratriacontane (C34)	19.343	4984337	45.386 ug/ml
20) T n-Hexatriacontane (C36)	20.082	4650864	45.058 ug/mlm
21) T n-Octatriacontane (C38)	20.820	4645259	47.652 ug/ml
22) T n-Tetracontane (C40)	21.733	4604918	50.889 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC043024AL\
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Operator : YP/AJ
Sample : P2311-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

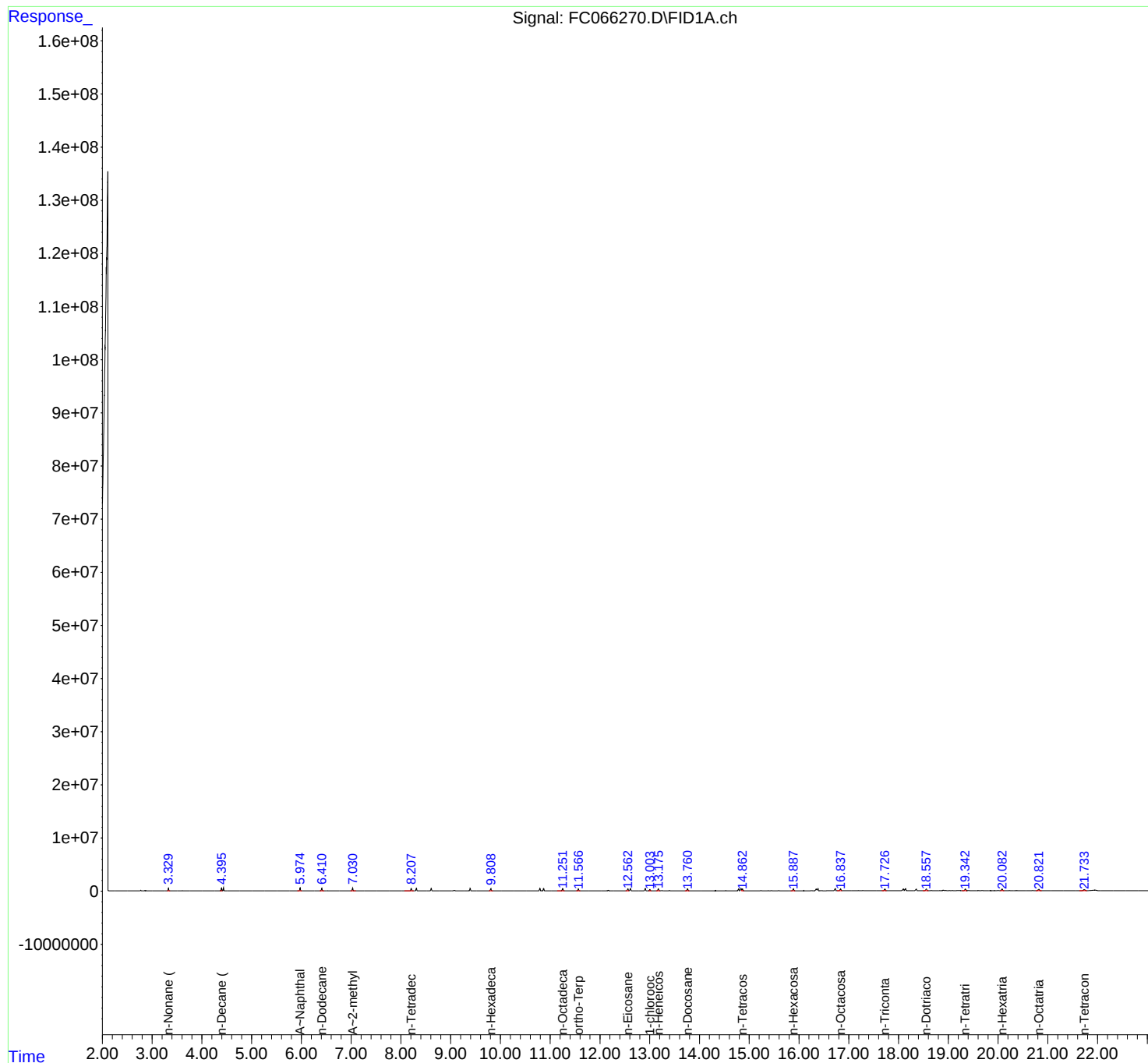
Instrument :
FID_C
ClientSampleId :
5MS

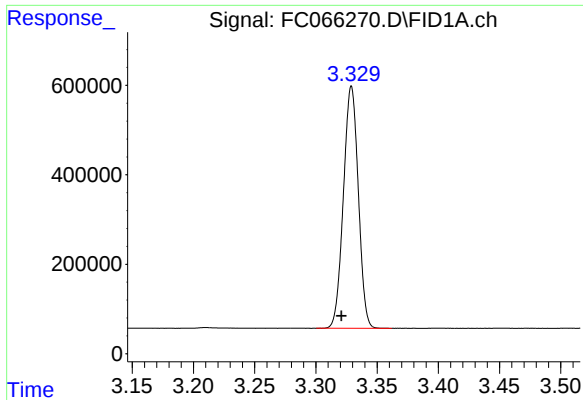
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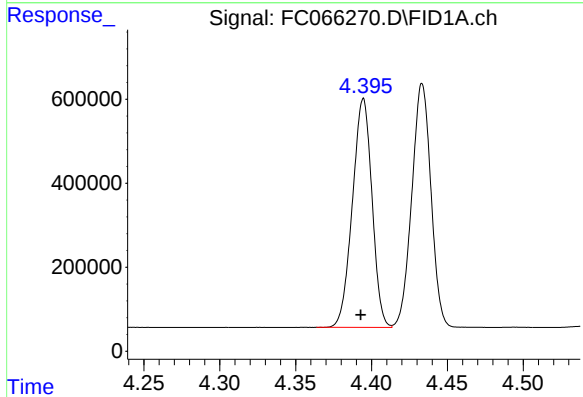
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.008 min
Response: 4582923
Conc: 35.60 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

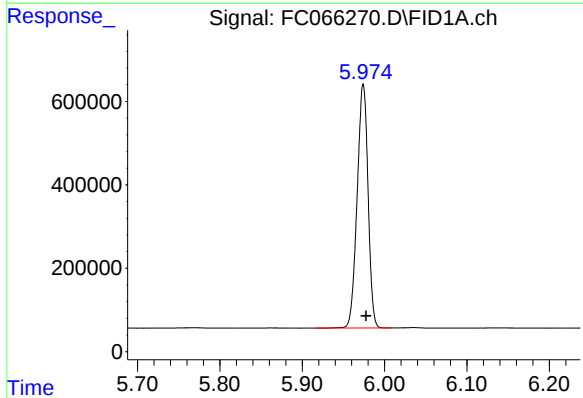
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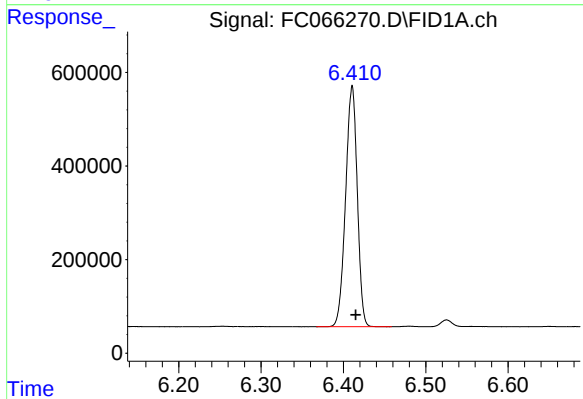
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: 0.002 min
Response: 4893309
Conc: 37.53 ug/ml



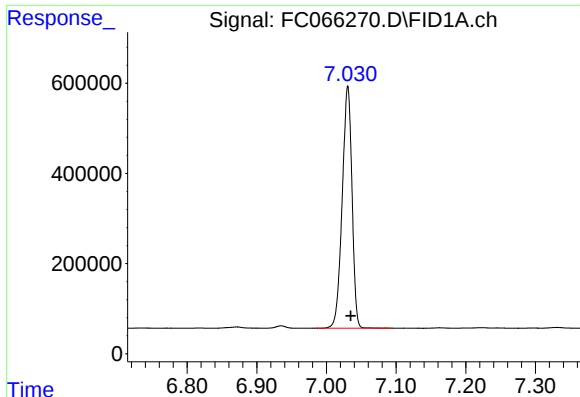
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 5382185
Conc: 37.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 5071612
Conc: 39.17 ug/ml



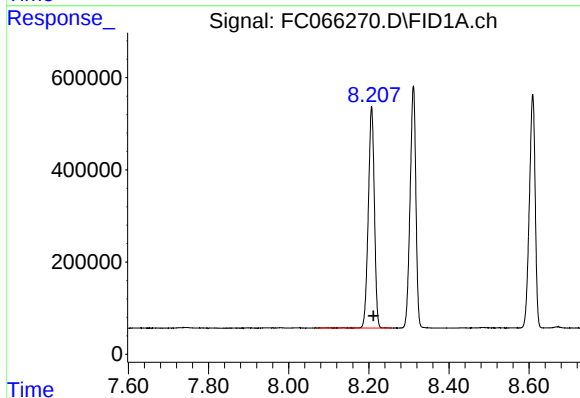
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 5254448
Conc: 38.16 ug/ml

Instrument :
FID_C
ClientSampleId :
SMS

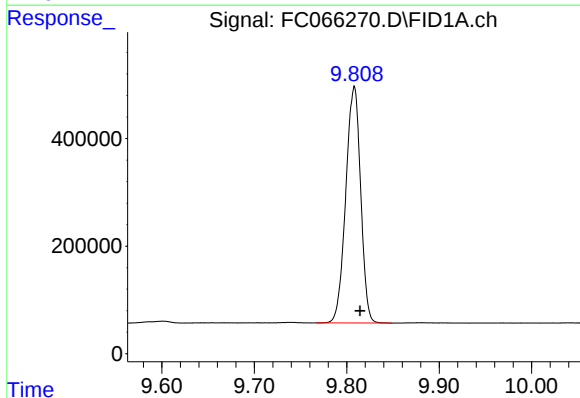
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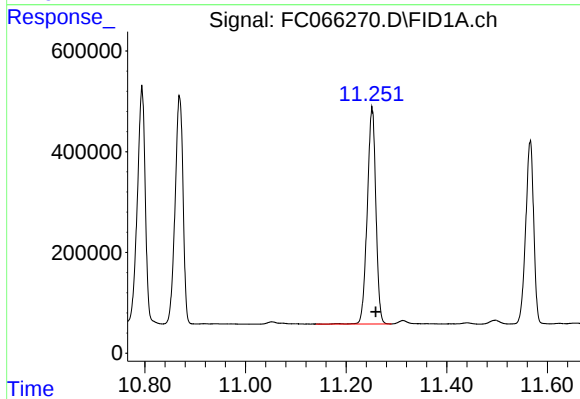
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.005 min
Response: 5041363
Conc: 40.05 ug/ml



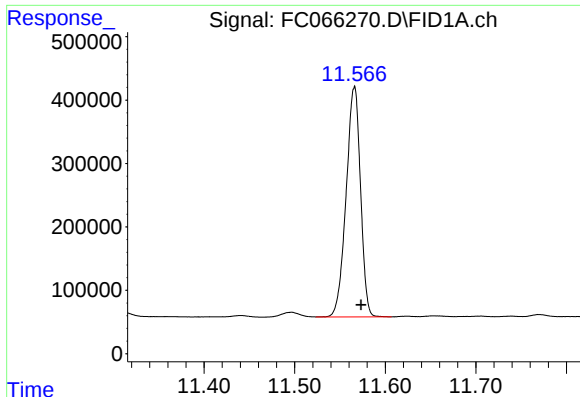
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.007 min
Response: 4928708
Conc: 38.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.007 min
Response: 5094413
Conc: 40.02 ug/ml



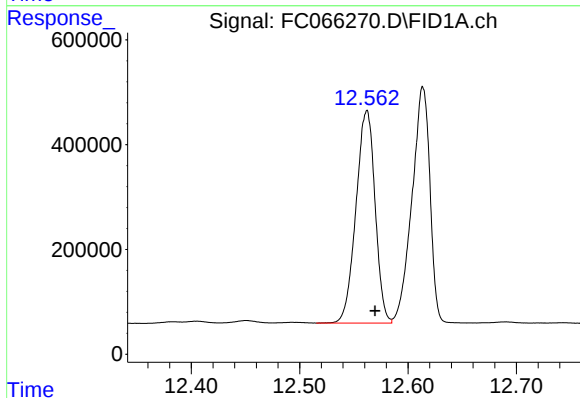
#9 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.007 min
Response: 4008088
Conc: 29.03 ug/ml

Instrument :
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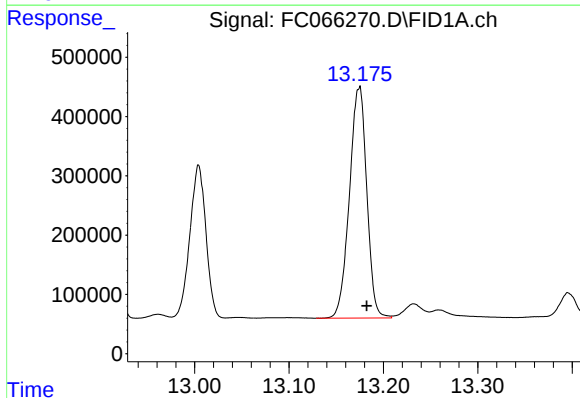
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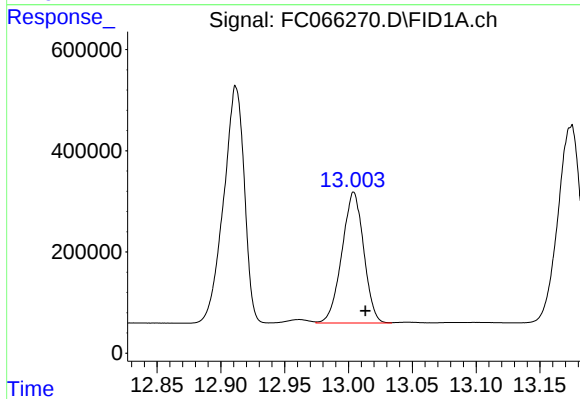
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.008 min
Response: 4971879
Conc: 41.26 ug/ml



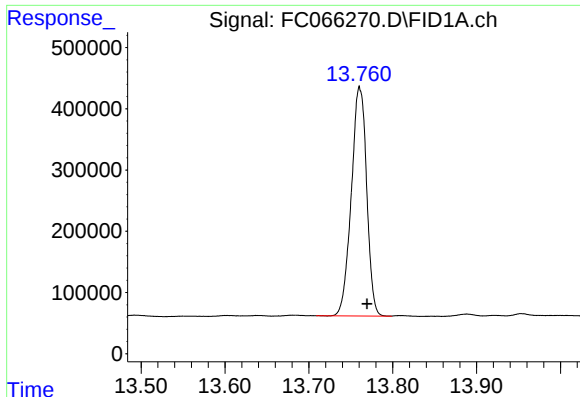
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.008 min
Response: 4982288
Conc: 42.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.009 min
Response: 3073611
Conc: 31.32 ug/ml



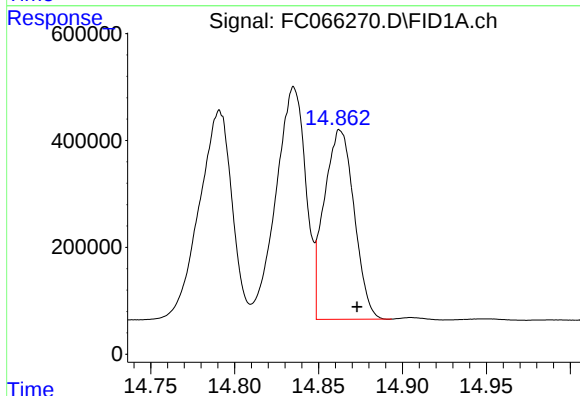
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: -0.009 min
Response: 4746495
Conc: 40.43 ug/ml

Instrument :
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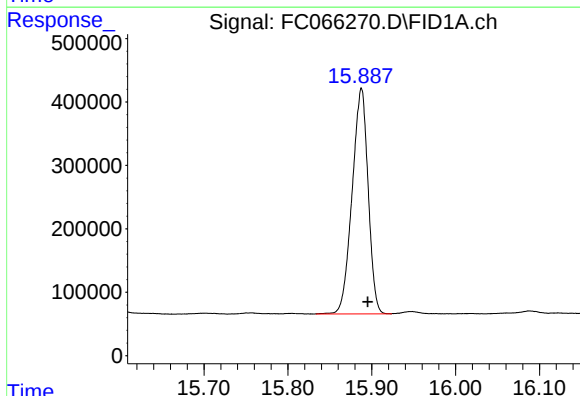
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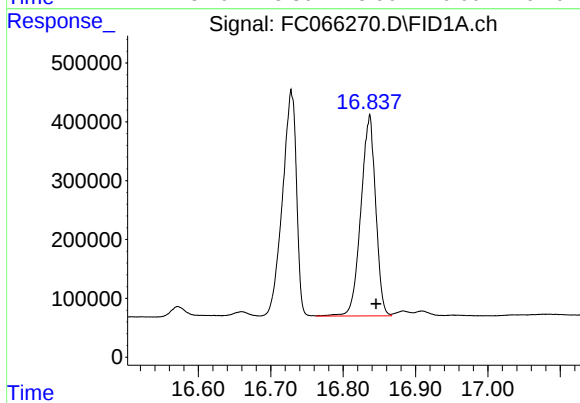
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.010 min
Response: 4393732
Conc: 37.66 ug/ml



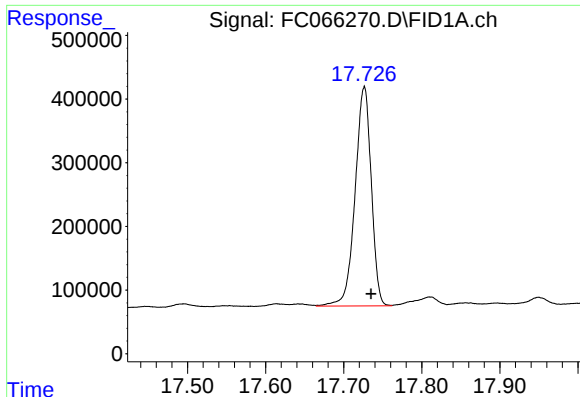
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.008 min
Response: 4708563
Conc: 40.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.009 min
Response: 4837725
Conc: 42.69 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.009 min
Response: 4949437
Conc: 42.72 ug/ml

Instrument :

FID_C

ClientSampleId :

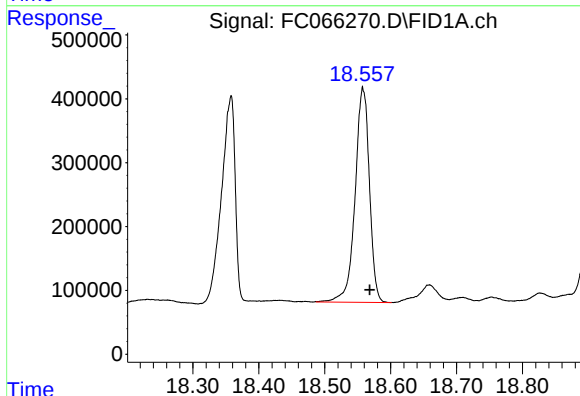
5MS

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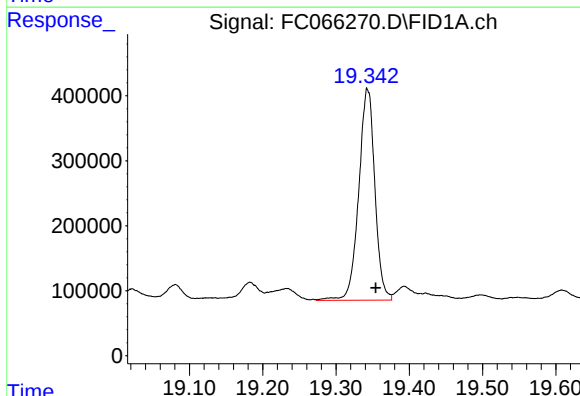
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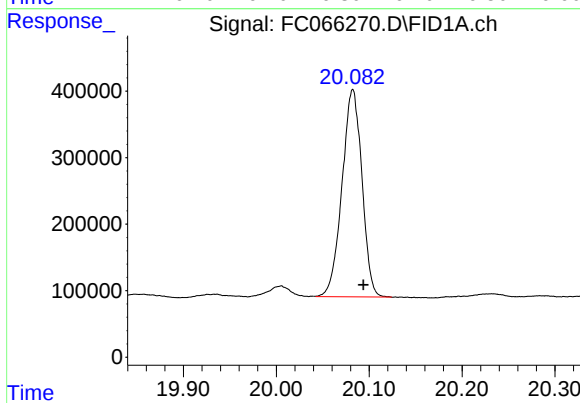
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.010 min
Response: 5079730
Conc: 44.24 ug/ml



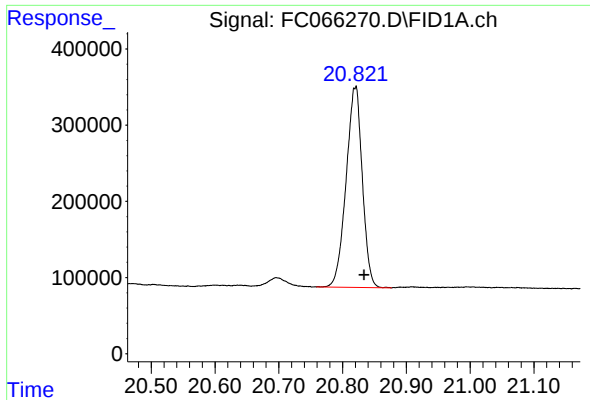
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.011 min
Response: 4984337
Conc: 45.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.012 min
Response: 4650864
Conc: 45.06 ug/ml m



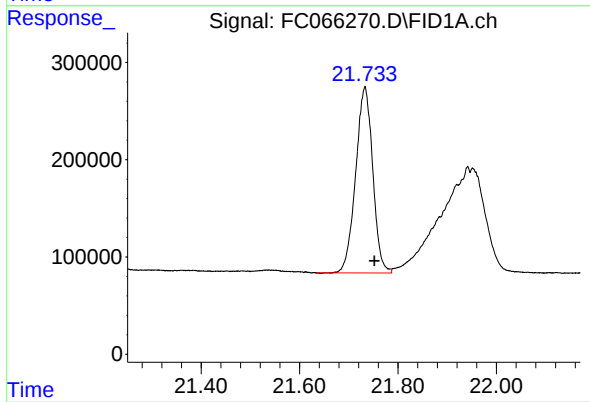
#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.014 min
Response: 4645259
Conc: 47.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.019 min
Response: 4604918
Conc: 50.89 ug/ml