

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071624AL\
 Data File : FC066815.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2024 23:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:38:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.520	2979071	19.351 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	12.959	2189909	19.585 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.285	2827078	19.924 ug/ml
2) T n-Decane (C10)	4.352	2904925	19.651 ug/ml
3) T A~Naphthalene (C11.7)	5.933	3125125	19.569 ug/ml
4) T n-Dodecane (C12)	6.371	2919348	19.473 ug/ml
5) T A~2-methylnaphthalene...	6.989	2986213	19.479 ug/ml
6) T n-Tetradecane (C14)	8.166	2864049	19.575 ug/ml
7) T n-Hexadecane (C16)	9.766	2946885	19.690 ug/ml
8) T n-Octadecane (C18)	11.208	2924234	19.705 ug/ml
10) T n-Eicosane (C20)	12.517	2735785	19.628 ug/ml
11) T n-Heneicosane (C21)	13.128	2655099	19.493 ug/ml
13) T n-Docosane (C22)	13.713	2609075	19.424 ug/ml
14) T n-Tetracosane (C24)	14.815	2564903	19.283 ug/ml
15) T n-Hexacosane (C26)	15.836	2488722	19.127 ug/ml
16) T n-Octacosane (C28)	16.785	2425035	19.223 ug/ml
17) T n-Tricontane (C30)	17.672	2429201	18.890 ug/mlm
18) T n-Dotriacontane (C32)	18.505	2392079	19.001 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2331157	18.843 ug/ml
20) T n-Hexatriacontane (C36)	20.027	2193627	18.858 ug/ml
21) T n-Octatriacontane (C38)	20.755	2097525	18.878 ug/ml
22) T n-Tetracontane (C40)	21.652	1984206	18.252 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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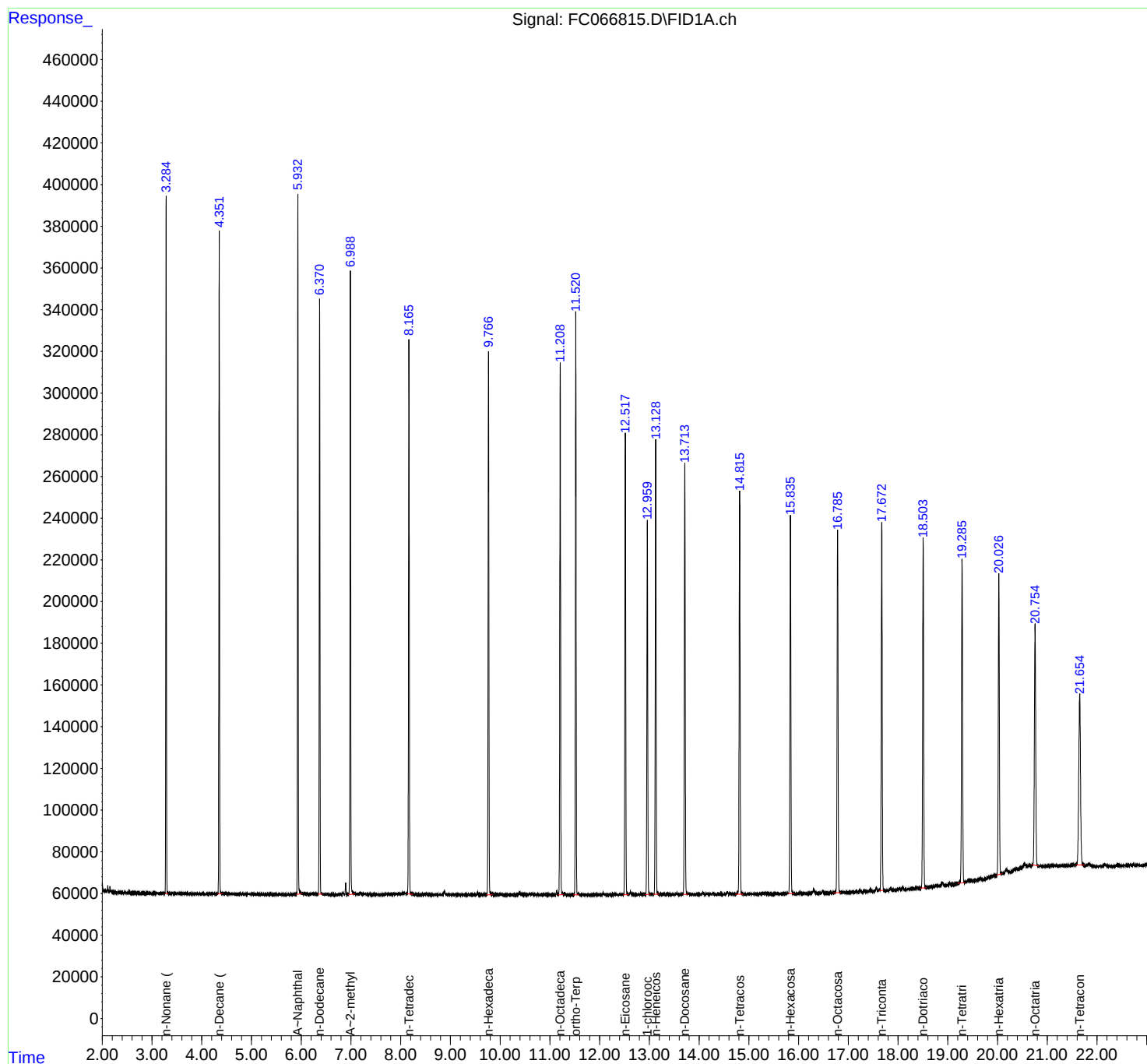
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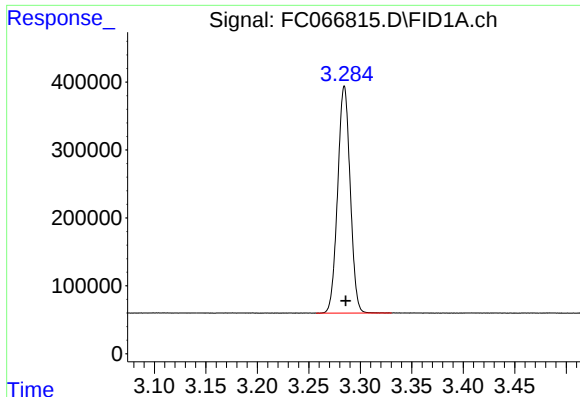
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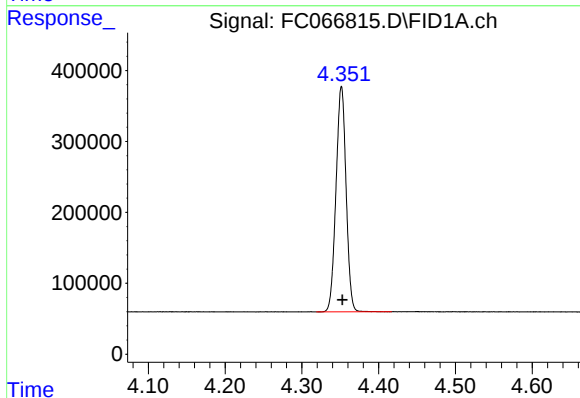
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.002 min
Response: 2827078
Conc: 19.92 ug/ml

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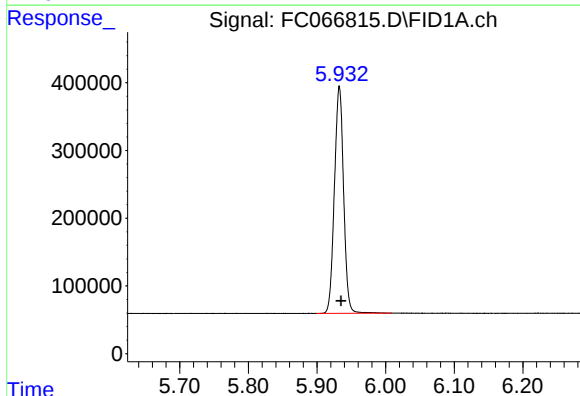
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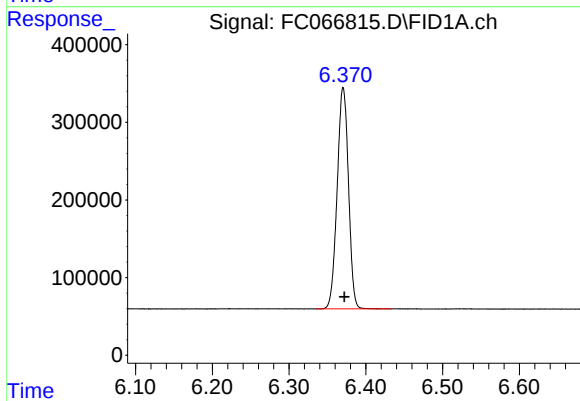
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 2904925
Conc: 19.65 ug/ml



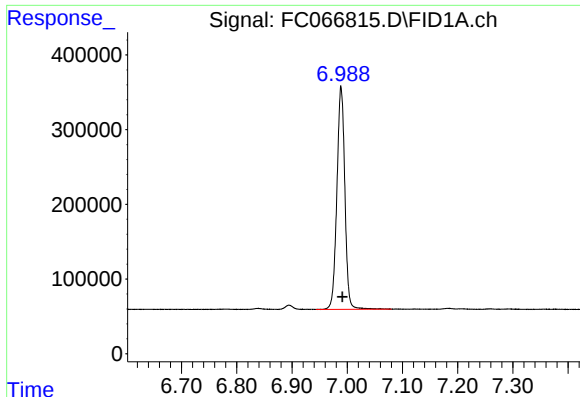
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 3125125
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.001 min
Response: 2919348
Conc: 19.47 ug/ml



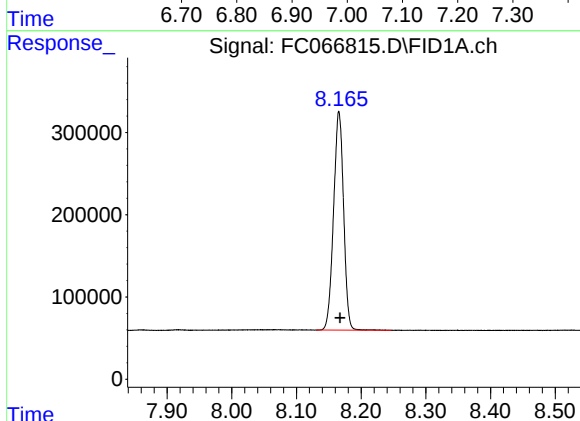
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.002 min
Response: 2986213
Conc: 19.48 ug/ml

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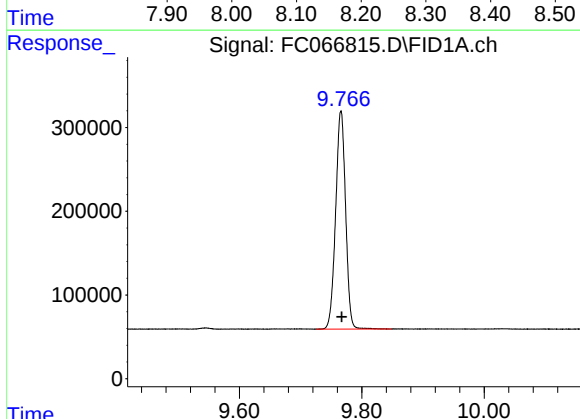
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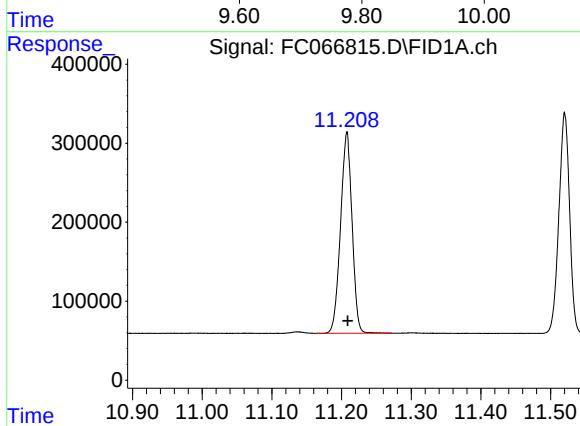
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 2864049
Conc: 19.57 ug/ml



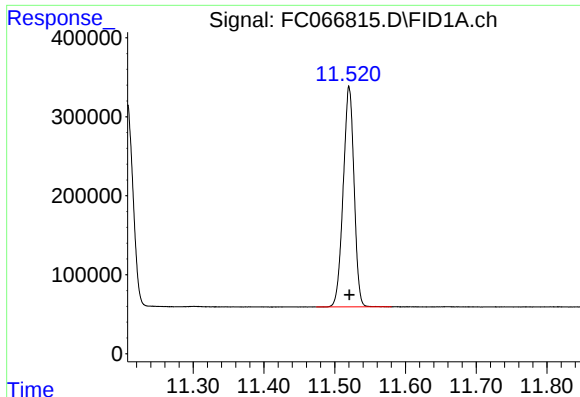
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.002 min
Response: 2946885
Conc: 19.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: -0.001 min
Response: 2924234
Conc: 19.71 ug/ml



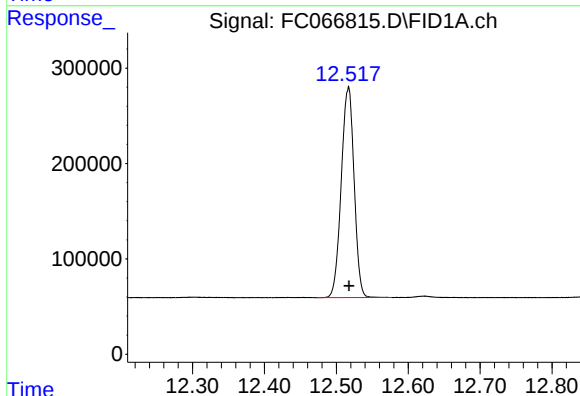
#9 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: 0.000 min
Response: 2979071
Conc: 19.35 ug/ml

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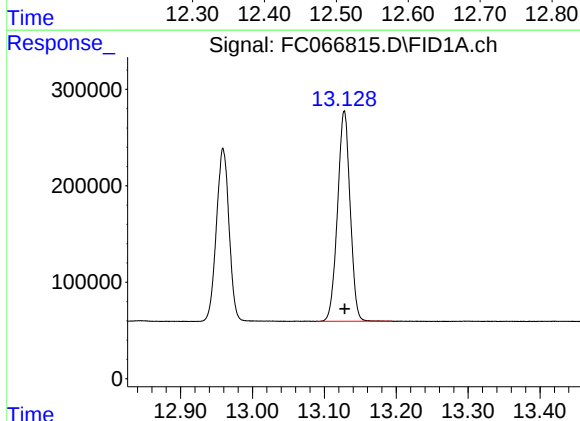
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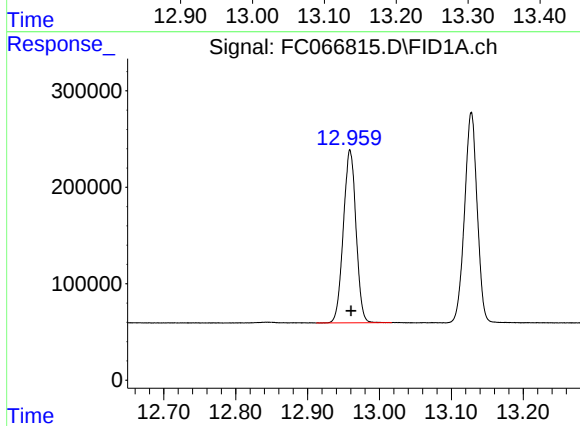
#10 n-Eicosane (C20)

R.T.: 12.517 min
Delta R.T.: -0.001 min
Response: 2735785
Conc: 19.63 ug/ml



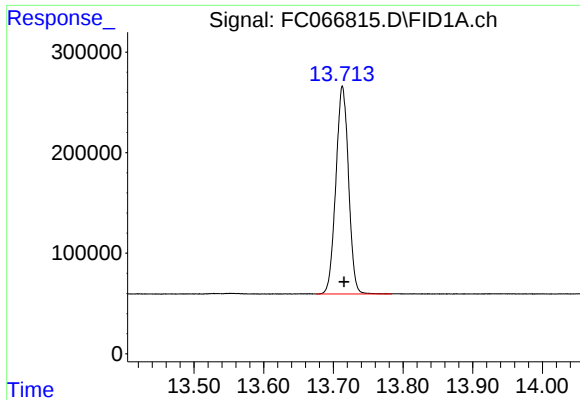
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 2655099
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 2189909
Conc: 19.58 ug/ml



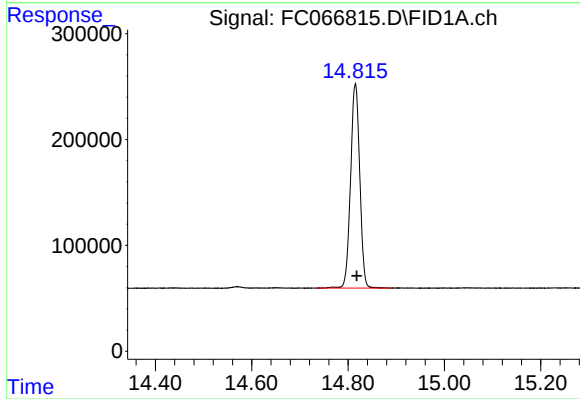
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: -0.002 min
Response: 2609075
Conc: 19.42 ug/ml

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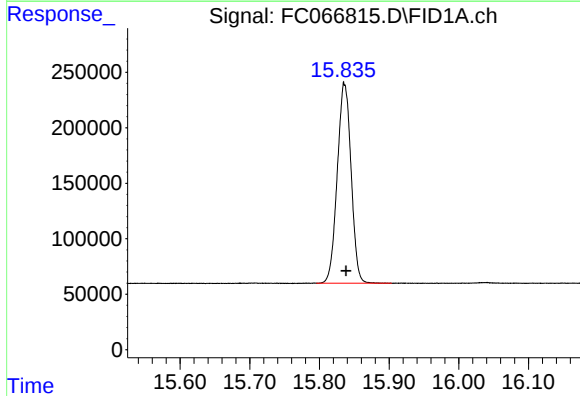
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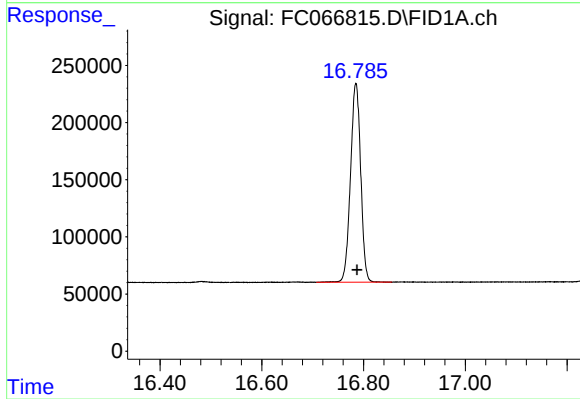
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 2564903
Conc: 19.28 ug/ml



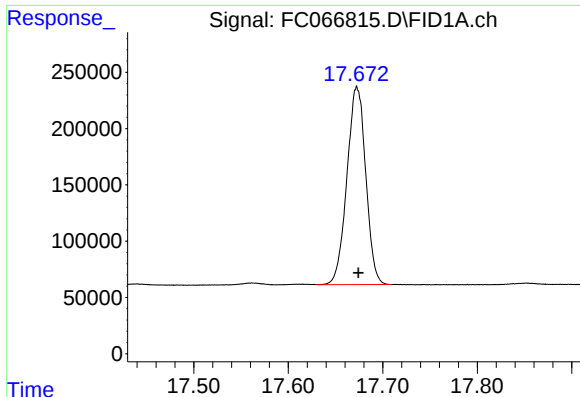
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: -0.002 min
Response: 2488722
Conc: 19.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: -0.002 min
Response: 2425035
Conc: 19.22 ug/ml



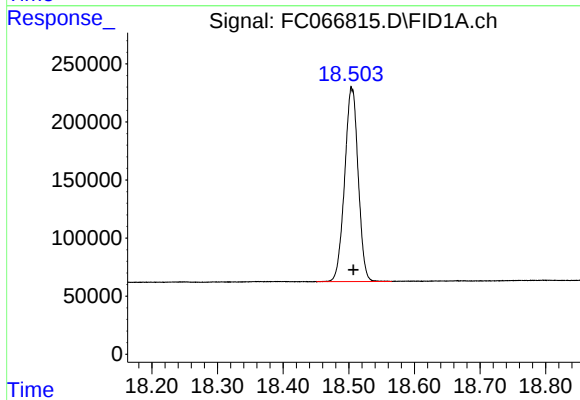
#17 n-Tricontane (C30)

R.T.: 17.672 min
Delta R.T.: -0.002 min
Response: 2429201
Conc: 18.89 ug/ml

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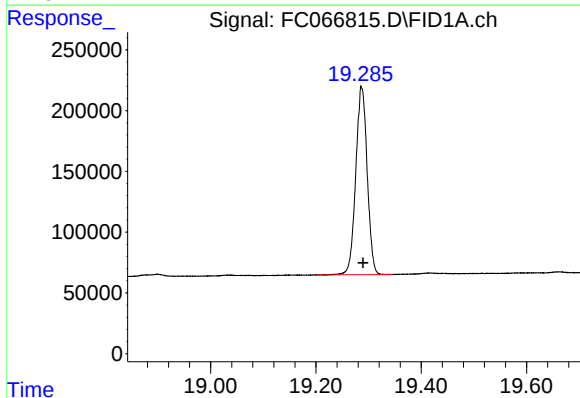
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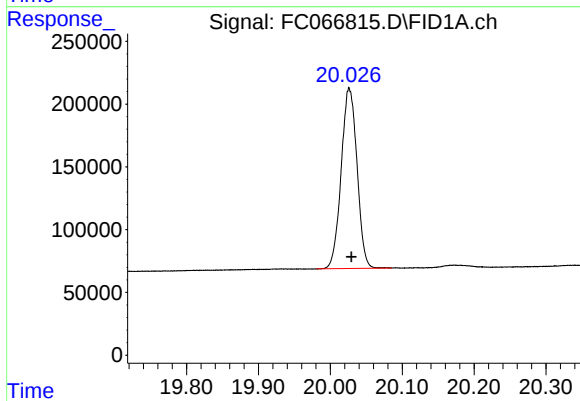
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.003 min
Response: 2392079
Conc: 19.00 ug/ml



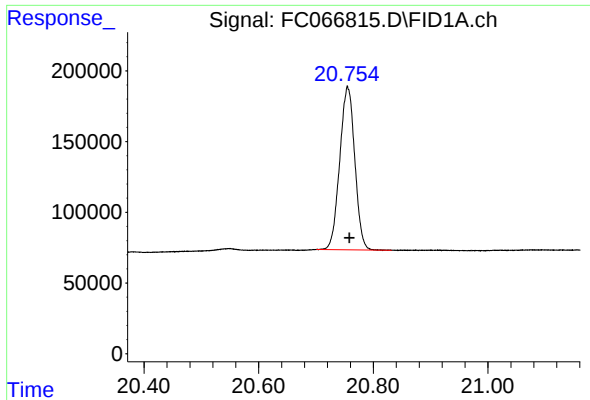
#19 n-Tetratriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.003 min
Response: 2331157
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.027 min
Delta R.T.: -0.003 min
Response: 2193627
Conc: 18.86 ug/ml



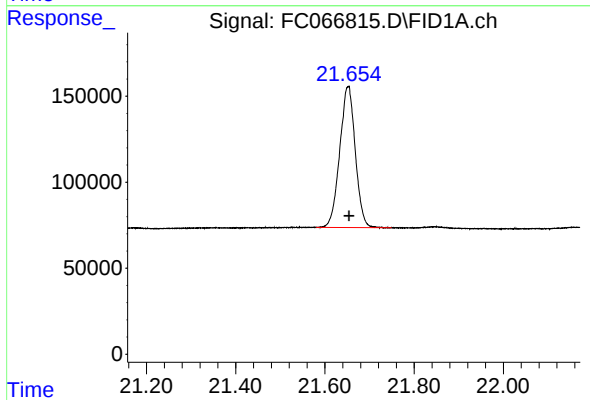
#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: -0.003 min
Response: 2097525
Conc: 18.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.652 min
Delta R.T.: -0.002 min
Response: 1984206
Conc: 18.25 ug/ml