

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050724AL\
 Data File : FC066342.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 08:21
 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

Integration File: autoint1.e
 Quant Time: May 08 08:55:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.561	2835662	17.151 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
12) S 1-chlorooctadecane (S...	13.001	2098192	17.106 ug/ml
Spiked Amount 50.000		Recovery =	34.21%
Target Compounds			
1) T n-Nonane (C9)	3.317	2537591	16.802 ug/ml
2) T n-Decane (C10)	4.385	2594006	16.868 ug/ml
3) T A~Naphthalene (C11.7)	5.968	2886434	16.989 ug/ml
4) T n-Dodecane (C12)	6.406	2592316	16.868 ug/ml
5) T A~2-methylnaphthalene...	7.025	2789440	16.925 ug/ml
6) T n-Tetradecane (C14)	8.202	2544161	16.811 ug/ml
7) T n-Hexadecane (C16)	9.804	2609753	17.068 ug/ml
8) T n-Octadecane (C18)	11.247	2605105	17.163 ug/ml
10) T n-Eicosane (C20)	12.557	2477759	17.224 ug/ml
11) T n-Heneicosane (C21)	13.169	2425310	17.254 ug/ml
13) T n-Docosane (C22)	13.755	2412439	17.231 ug/ml
14) T n-Tetracosane (C24)	14.859	2385295	16.943 ug/ml
15) T n-Hexacosane (C26)	15.880	2326733	17.010 ug/ml
16) T n-Octacosane (C28)	16.830	2277518	17.007 ug/ml
17) T n-Tricontane (C30)	17.719	2318454	17.204 ug/ml
18) T n-Dotriacontane (C32)	18.552	2411002	18.725 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2246920	18.991 ug/ml
20) T n-Hexatriacontane (C36)	20.076	2320478	20.188 ug/ml
21) T n-Octatriacontane (C38)	20.812	2454020	22.799 ug/ml
22) T n-Tetracontane (C40)	21.722	2567235	23.941 ug/ml

(f)=RT Delta > 1/2 Window

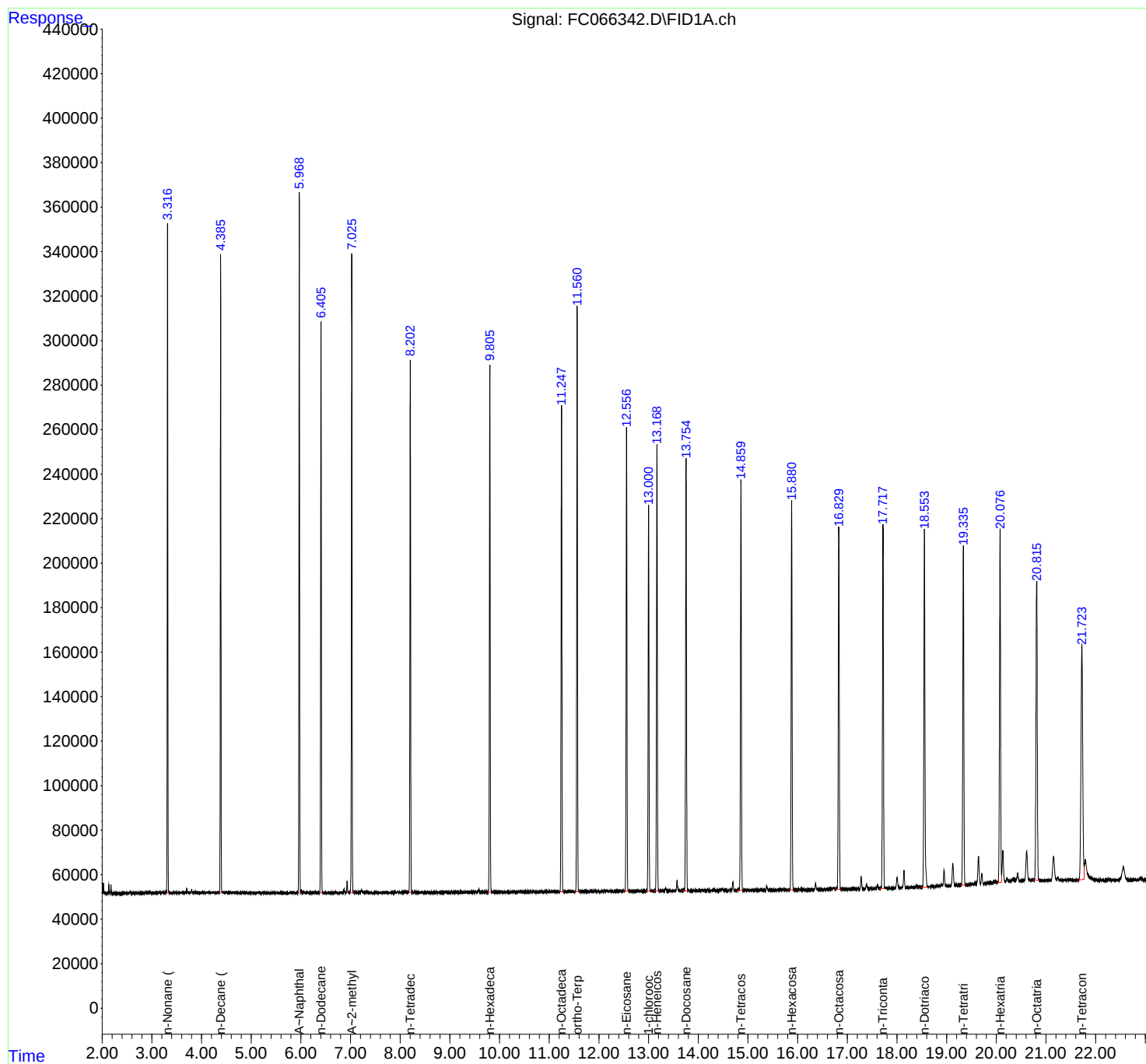
(m)=manual int.

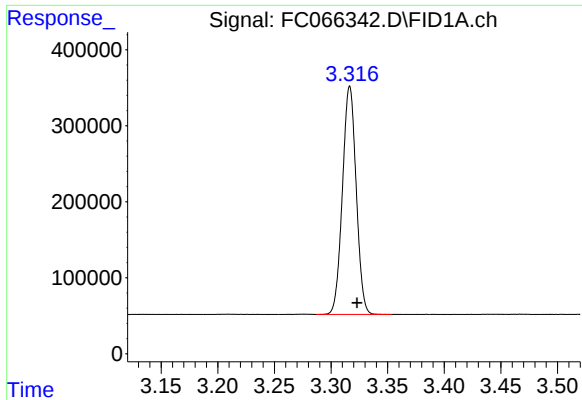
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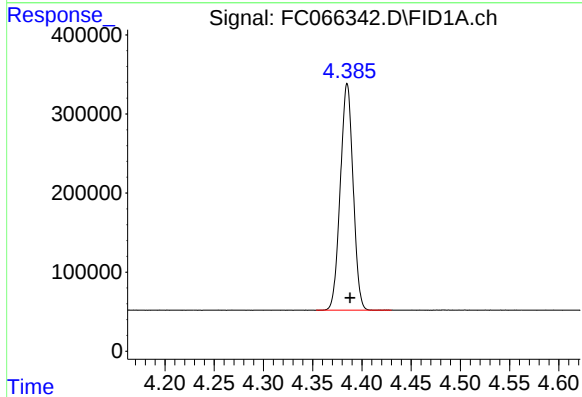




#1 n-Nonane (C9)

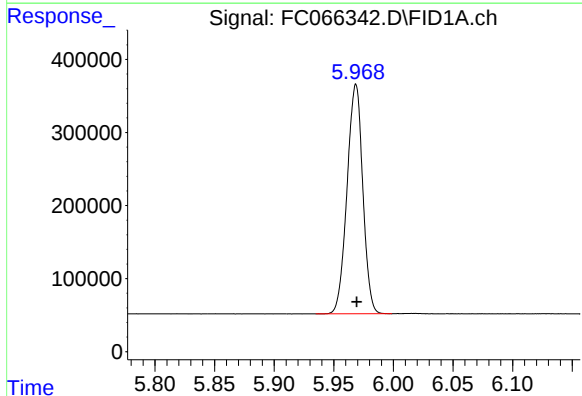
R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 2537591
Conc: 16.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



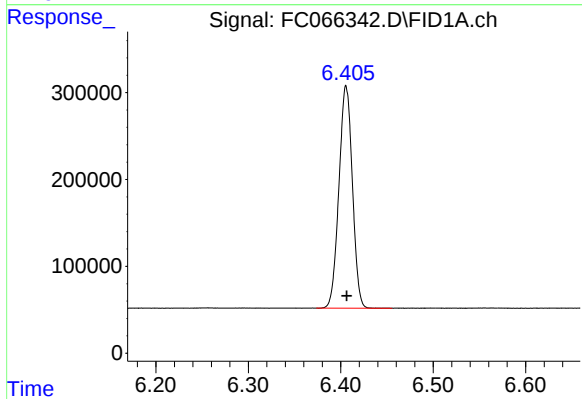
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.003 min
Response: 2594006
Conc: 16.87 ug/ml



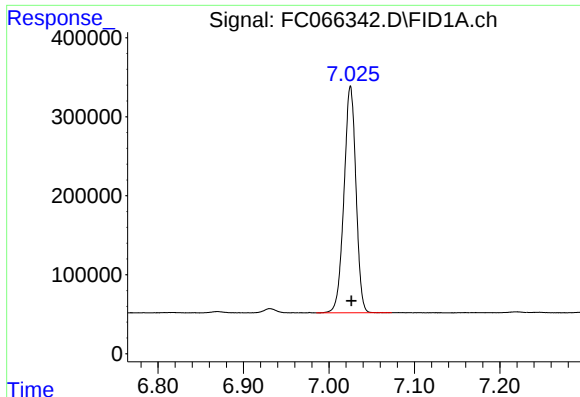
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2886434
Conc: 16.99 ug/ml



#4 n-Dodecane (C12)

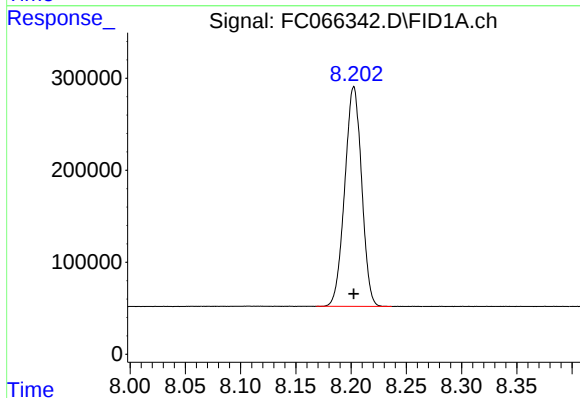
R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 2592316
Conc: 16.87 ug/ml



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

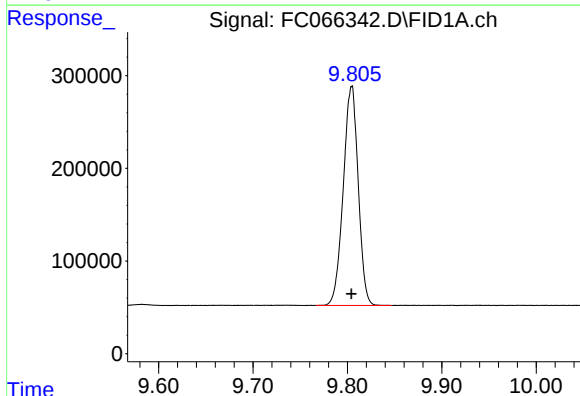
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 2789440
Conc: 16.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



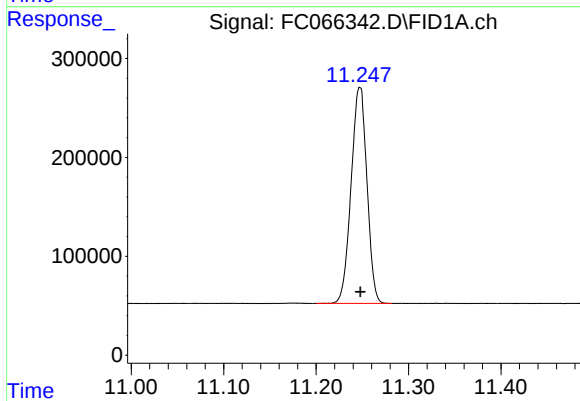
#6 n-Tetradecane (C14)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 2544161
Conc: 16.81 ug/ml



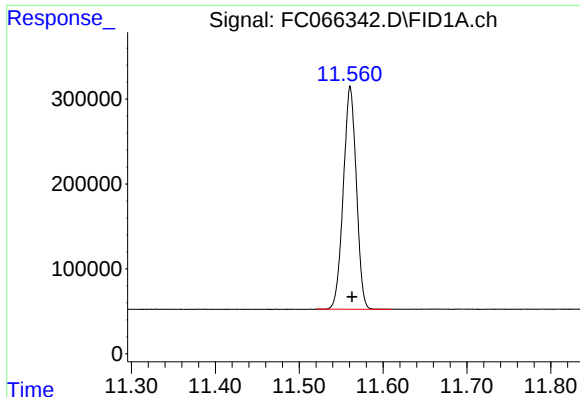
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 2609753
Conc: 17.07 ug/ml



#8 n-Octadecane (C18)

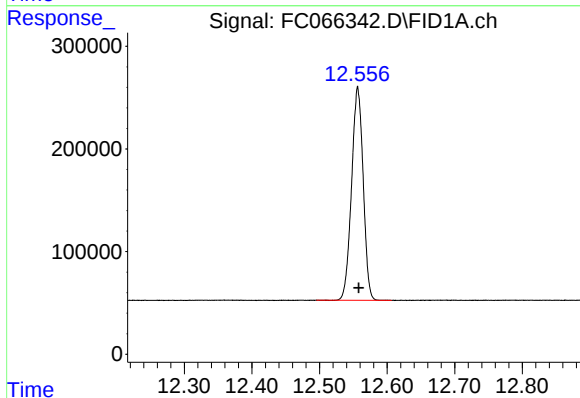
R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 2605105
Conc: 17.16 ug/ml



#9 ortho-Terphenyl (SURR)

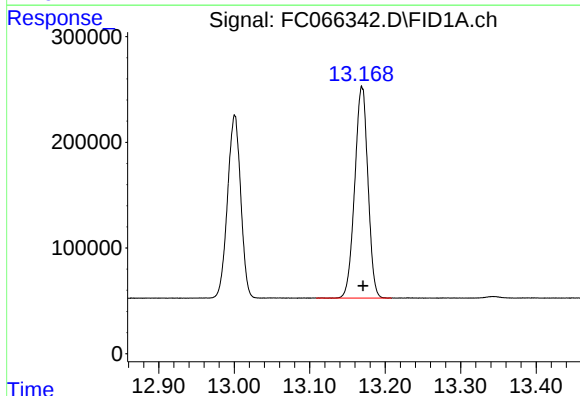
R.T.: 11.561 min
Delta R.T.: -0.002 min
Response: 2835662
Conc: 17.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



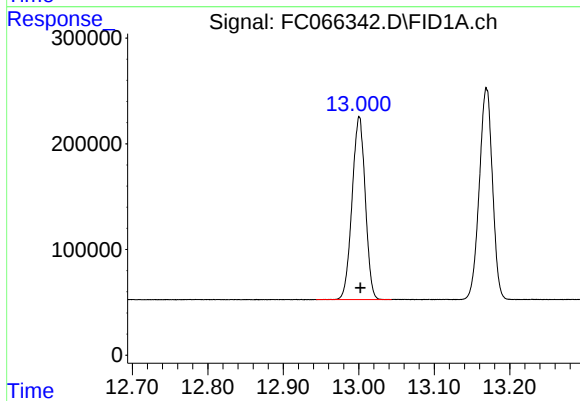
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.002 min
Response: 2477759
Conc: 17.22 ug/ml



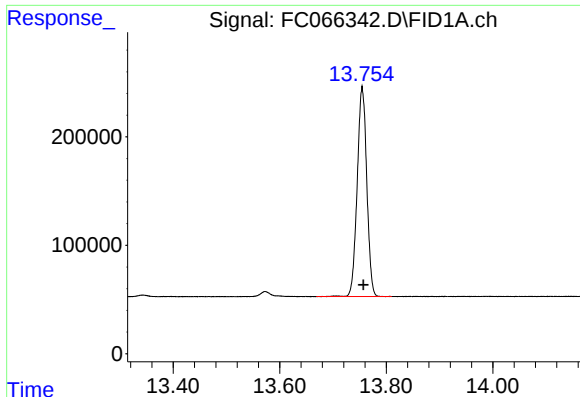
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.001 min
Response: 2425310
Conc: 17.25 ug/ml



#12 1-chlorooctadecane (SURR)

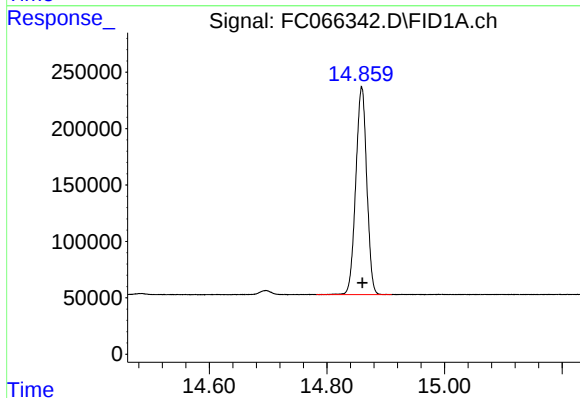
R.T.: 13.001 min
Delta R.T.: -0.002 min
Response: 2098192
Conc: 17.11 ug/ml



#13 n-Docosane (C22)

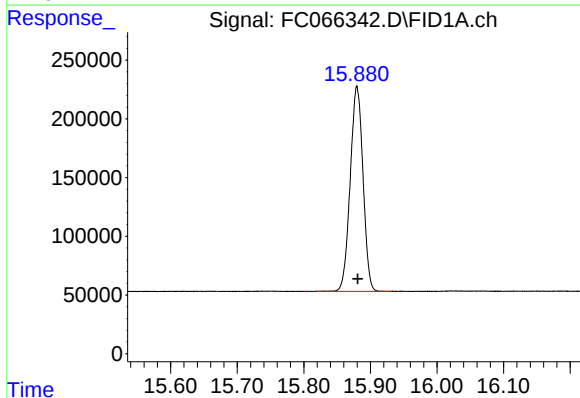
R.T.: 13.755 min
Delta R.T.: -0.002 min
Response: 2412439
Conc: 17.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



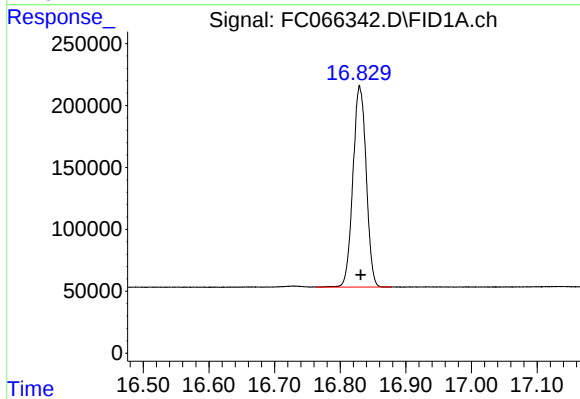
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 2385295
Conc: 16.94 ug/ml



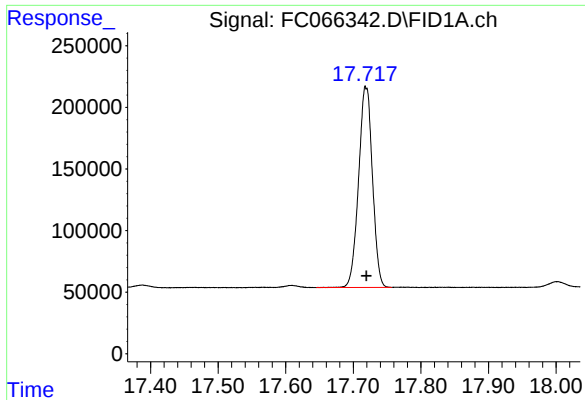
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: -0.001 min
Response: 2326733
Conc: 17.01 ug/ml



#16 n-Octacosane (C28)

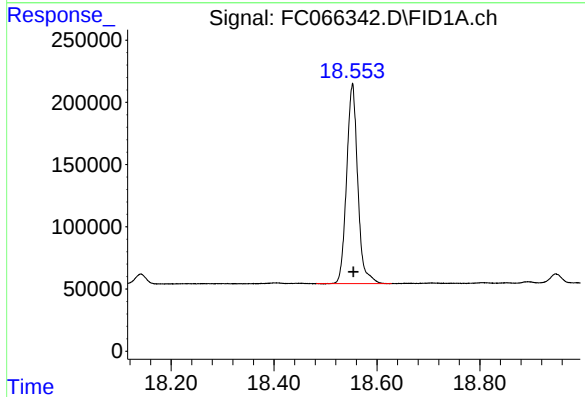
R.T.: 16.830 min
Delta R.T.: -0.001 min
Response: 2277518
Conc: 17.01 ug/ml



#17 n-Tricontane (C30)

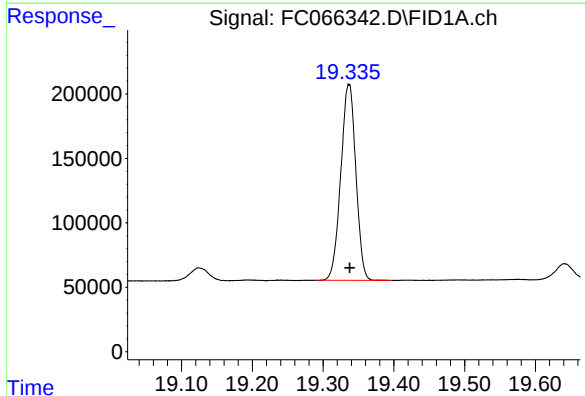
R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 2318454
Conc: 17.20 ug/ml

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20 PPM ALIPHATIC HC STD



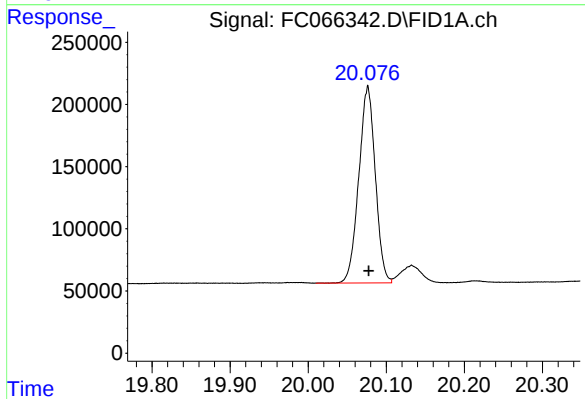
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.002 min
Response: 2411002
Conc: 18.73 ug/ml



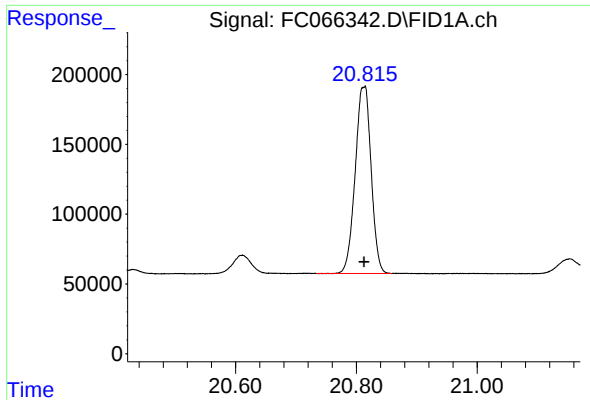
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.001 min
Response: 2246920
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

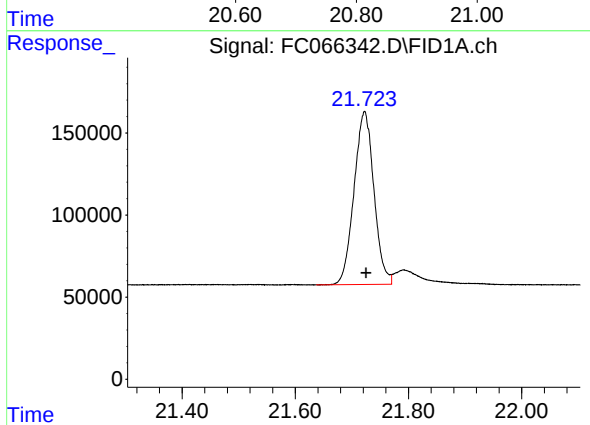
R.T.: 20.076 min
Delta R.T.: -0.001 min
Response: 2320478
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: 0.000 min
Response: 2454020
Conc: 22.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.003 min
Response: 2567235
Conc: 23.94 ug/ml