

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066579.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 12:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:51:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.544	2889959	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.982	2170252	18.992 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.302	2692792	19.240 ug/ml
2) T n-Decane (C10)	4.370	2776302	19.295 ug/ml
3) T A~Naphthalene (C11.7)	5.955	3045496	19.112 ug/ml
4) T n-Dodecane (C12)	6.390	2777785	19.291 ug/ml
5) T A~2-methylnaphthalene...	7.011	2920283	19.041 ug/ml
6) T n-Tetradecane (C14)	8.186	2726709	19.315 ug/ml
7) T n-Hexadecane (C16)	9.787	2787485	19.396 ug/ml
8) T n-Octadecane (C18)	11.230	2762474	19.304 ug/ml
10) T n-Eicosane (C20)	12.539	2626938	19.307 ug/ml
11) T n-Heneicosane (C21)	13.150	2565255	19.244 ug/ml
13) T n-Docosane (C22)	13.736	2552732	19.368 ug/ml
14) T n-Tetracosane (C24)	14.839	2529109	19.428 ug/ml
15) T n-Hexacosane (C26)	15.860	2480098	19.501 ug/ml
16) T n-Octacosane (C28)	16.810	2496377	20.108 ug/ml
17) T n-Tricontane (C30)	17.697	2653902	21.058 ug/ml
18) T n-Dotriacontane (C32)	18.530	2653090	21.556 ug/ml
19) T n-Tetratriacontane (C34)	19.313	2500473	20.850 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2362778	19.502 ug/mlm
21) T n-Octatriacontane (C38)	20.787	2222515	19.212 ug/ml
22) T n-Tetracontane (C40)	21.693	2087307	17.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 3 Sample Multiplier: 1

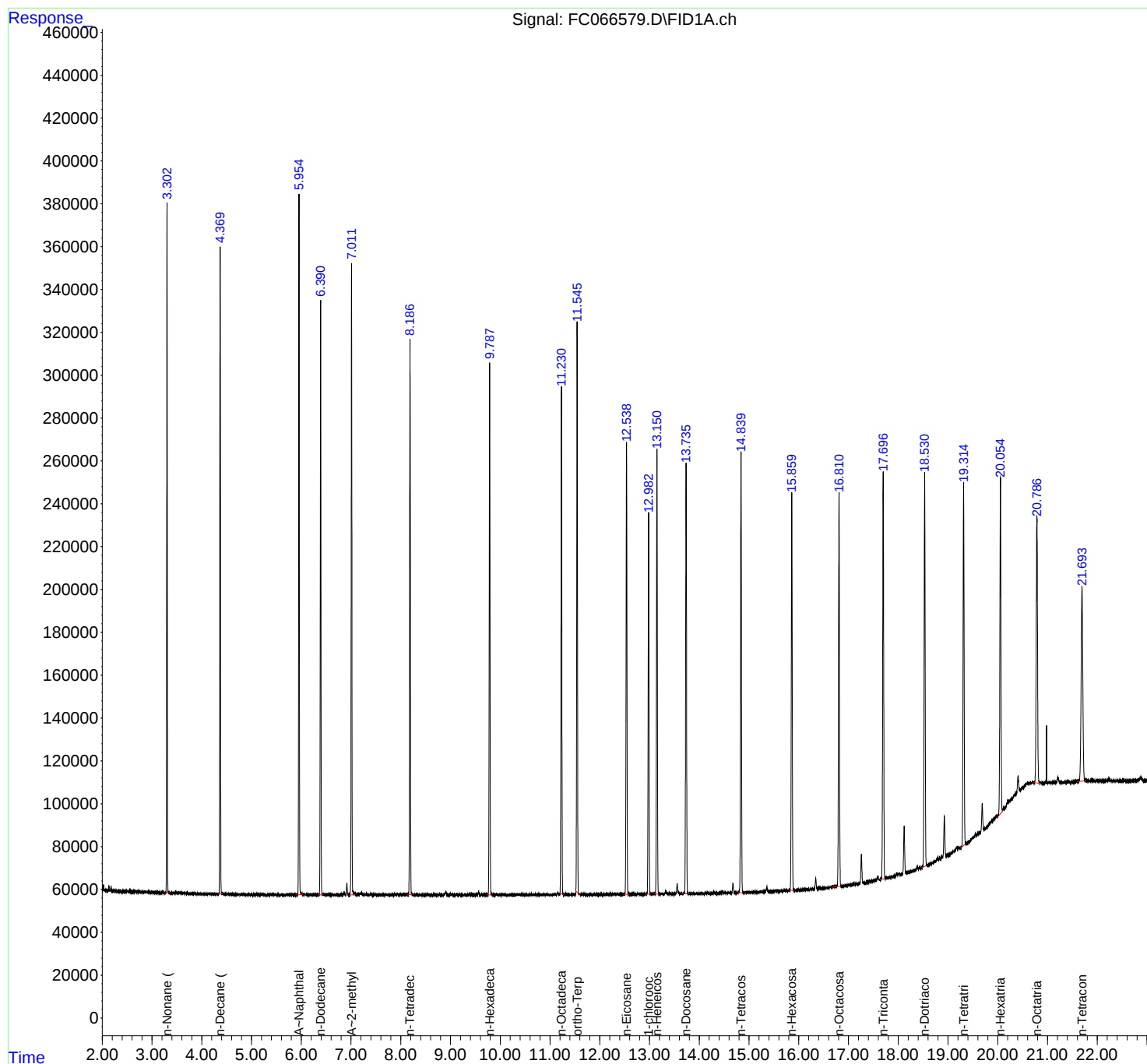
Instrument :
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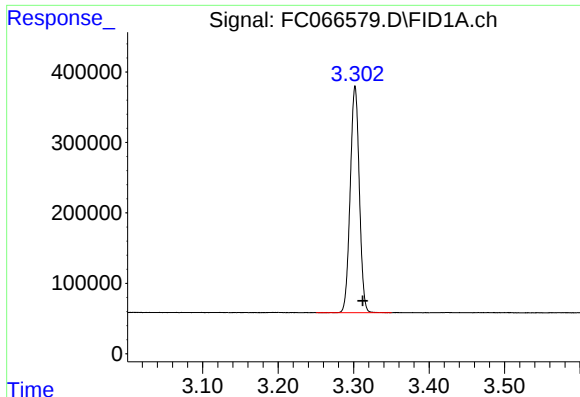
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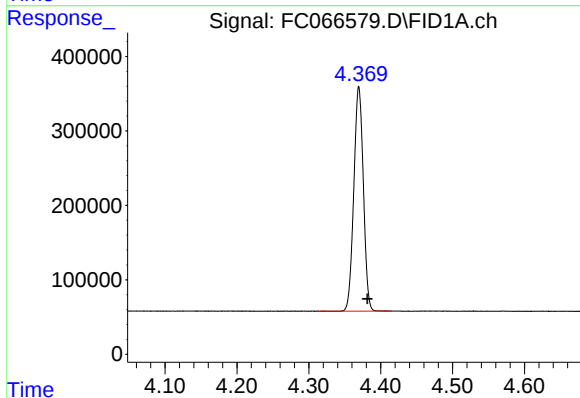
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.010 min
Response: 2692792
Conc: 19.24 ug/ml

Instrument :
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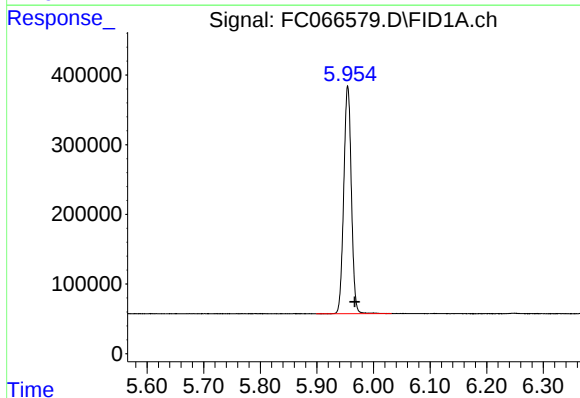
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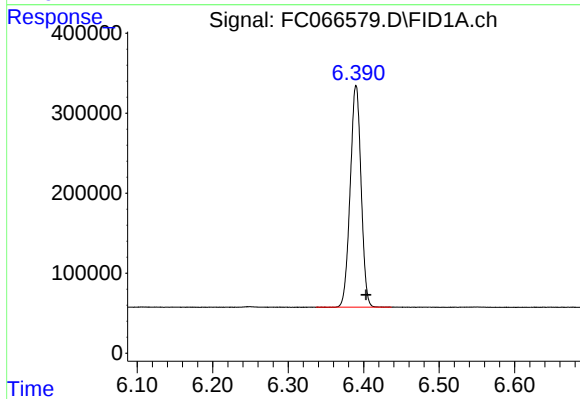
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.012 min
Response: 2776302
Conc: 19.30 ug/ml



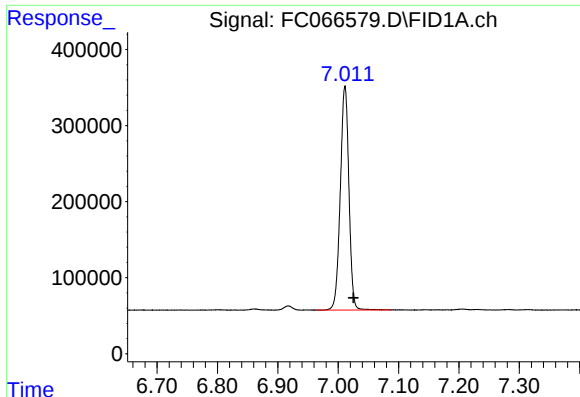
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 3045496
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.013 min
Response: 2777785
Conc: 19.29 ug/ml



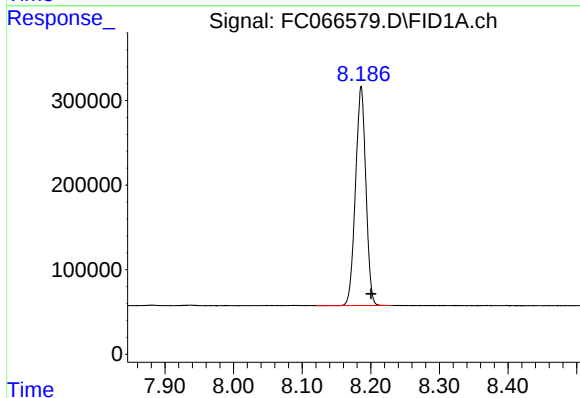
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.014 min
Response: 2920283
Conc: 19.04 ug/ml

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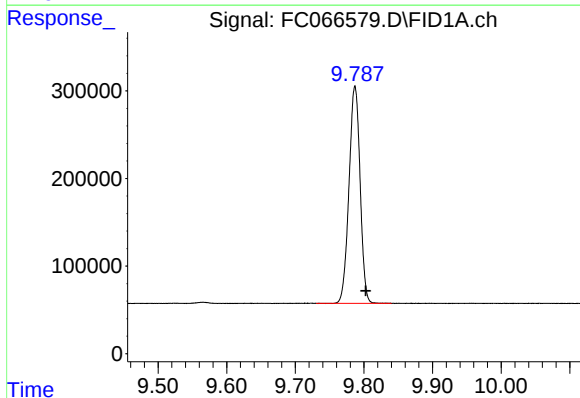
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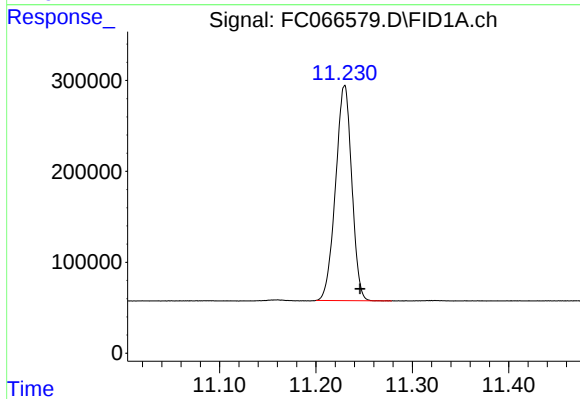
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.014 min
Response: 2726709
Conc: 19.31 ug/ml



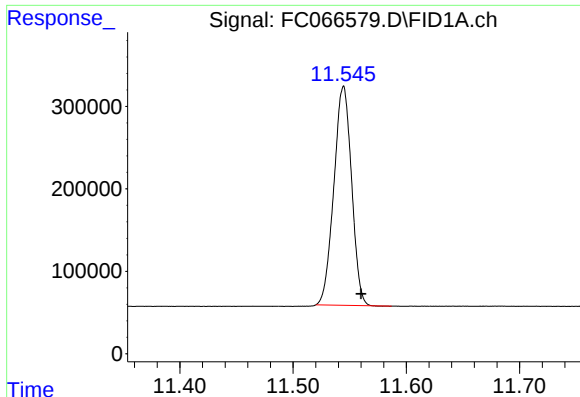
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: -0.016 min
Response: 2787485
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.230 min
Delta R.T.: -0.016 min
Response: 2762474
Conc: 19.30 ug/ml



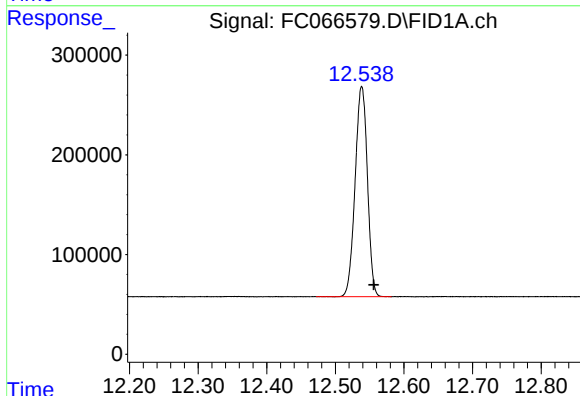
#9 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.015 min
Response: 2889959
Conc: 19.01 ug/ml

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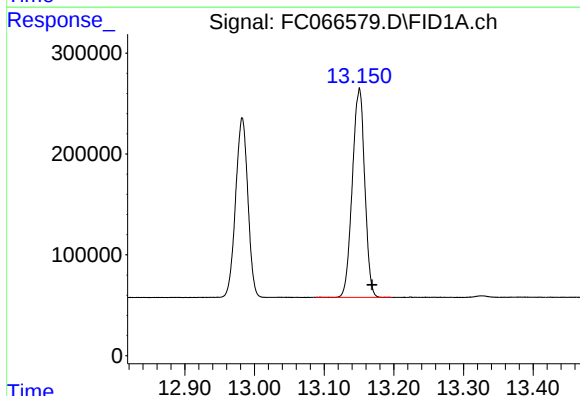
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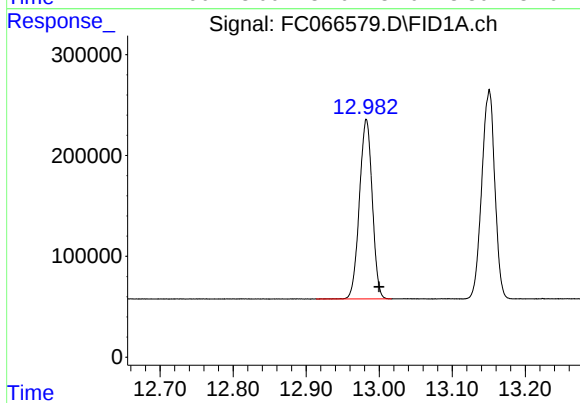
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: -0.018 min
Response: 2626938
Conc: 19.31 ug/ml



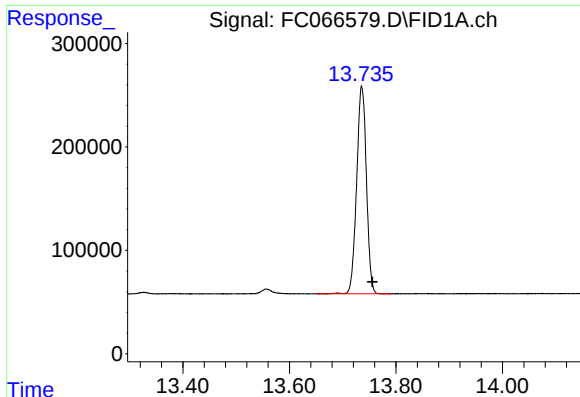
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: -0.018 min
Response: 2565255
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: -0.018 min
Response: 2170252
Conc: 18.99 ug/ml



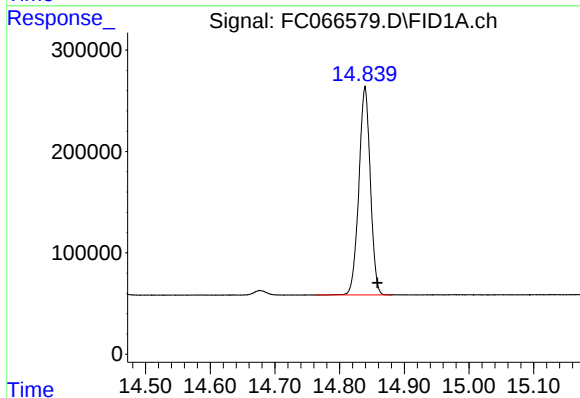
#13 n-Docosane (C22)

R.T.: 13.736 min
Delta R.T.: -0.020 min
Response: 2552732
Conc: 19.37 ug/ml

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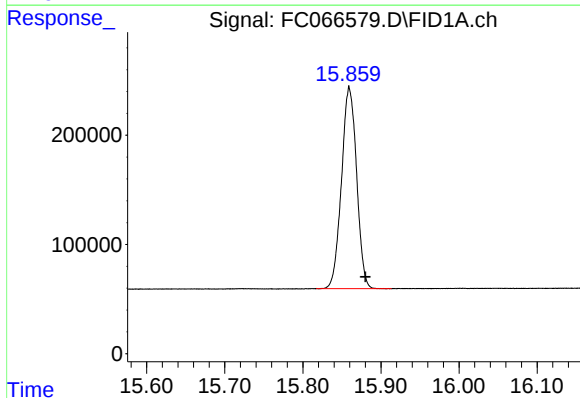
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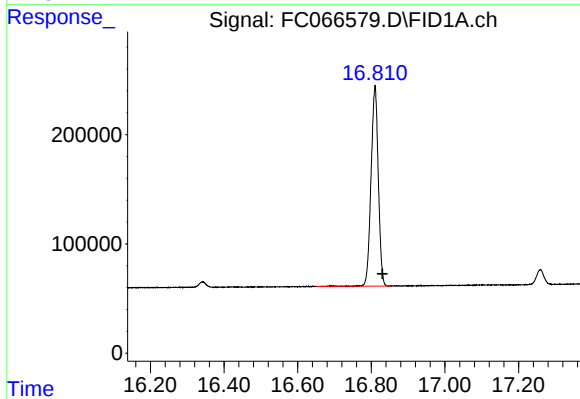
#14 n-Tetracosane (C24)

R.T.: 14.839 min
Delta R.T.: -0.020 min
Response: 2529109
Conc: 19.43 ug/ml



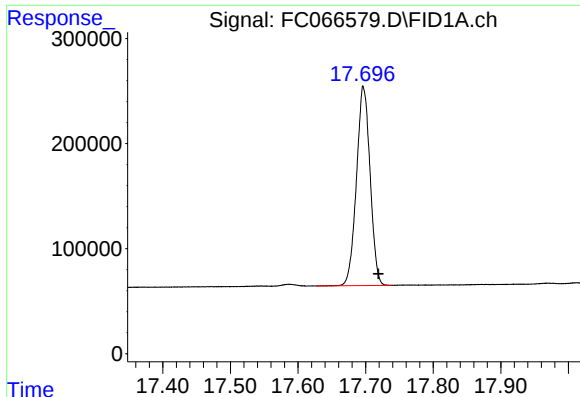
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.020 min
Response: 2480098
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.810 min
Delta R.T.: -0.020 min
Response: 2496377
Conc: 20.11 ug/ml



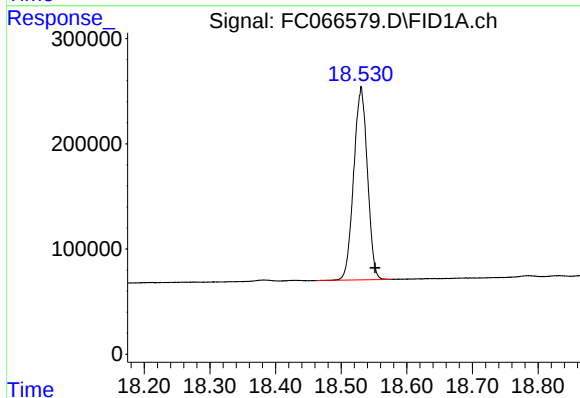
#17 n-Tricontane (C30)

R.T.: 17.697 min
Delta R.T.: -0.022 min
Response: 2653902
Conc: 21.06 ug/ml

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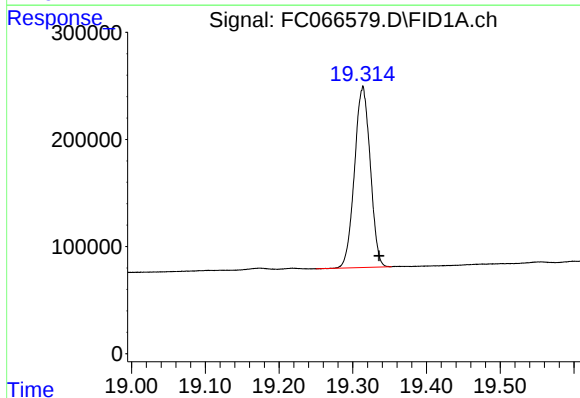
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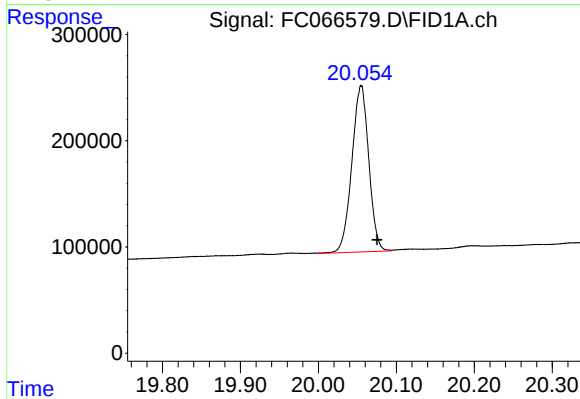
#18 n-Dotriacontane (C32)

R.T.: 18.530 min
Delta R.T.: -0.021 min
Response: 2653090
Conc: 21.56 ug/ml



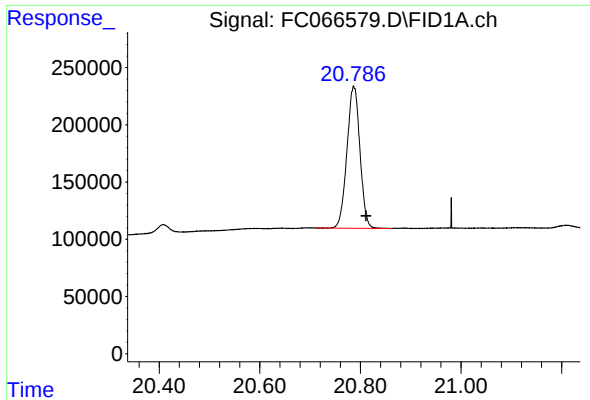
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.022 min
Response: 2500473
Conc: 20.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.022 min
Response: 2362778
Conc: 19.50 ug/ml m



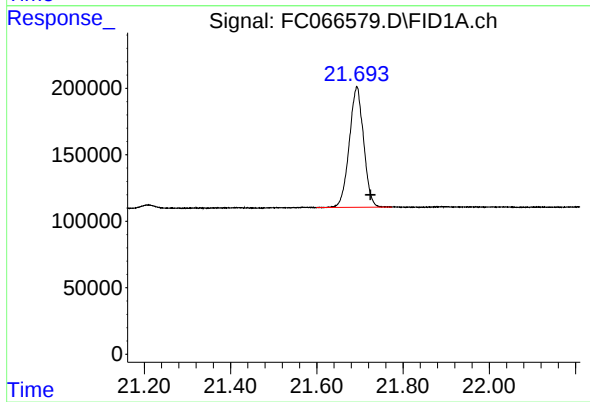
#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.025 min
Response: 2222515
Conc: 19.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.032 min
Response: 2087307
Conc: 17.04 ug/ml