

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069165.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 22:09
 Operator : YP/AJ
 Sample : Q2177-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-187-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 06:06:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 2025
 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			
12) S 1-chlorooctadecane (S...	13.118	6218026	69.309 ug/ml
Spiked Amount 50.000		Recovery =	138.62%
Target Compounds			
1) T n-Nonane (C9)	3.404	2188921	20.626 ug/ml
2) T n-Decane (C10)	4.479	2684592	25.349 ug/mlm
4) T n-Dodecane (C12)	6.507	3278980	31.192 ug/ml
6) T n-Tetradecane (C14)	8.308	3646211	35.572 ug/ml
7) T n-Hexadecane (C16)	9.912	3471433	34.212 ug/ml
8) T n-Octadecane (C18)	11.357	3441548	34.435 ug/ml
10) T n-Eicosane (C20)	12.669	3494770	35.881 ug/ml
11) T n-Heneicosane (C21)	13.283	3333560	34.633 ug/ml
13) T n-Docosane (C22)	13.869	3315435	34.801 ug/ml
14) T n-Tetracosane (C24)	14.975	3310877	35.165 ug/ml
15) T n-Hexacosane (C26)	15.998	3253315	35.042 ug/ml
16) T n-Octacosane (C28)	16.950	3224546	34.690 ug/ml
17) T n-Tricontane (C30)	17.839	3233820	33.422 ug/ml
18) T n-Dotriacontane (C32)	18.673	3264137	32.938 ug/ml
19) T n-Tetratriacontane (C34)	19.459	3307215	34.315 ug/ml
20) T n-Hexatriacontane (C36)	20.201	3214033	33.857 ug/ml
21) T n-Octatriacontane (C38)	20.969	3075733	33.712 ug/ml
22) T n-Tetracontane (C40)	21.936	2660293	30.150 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q2177-02MS
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ALS Vial : 19 Sample Multiplier: 1

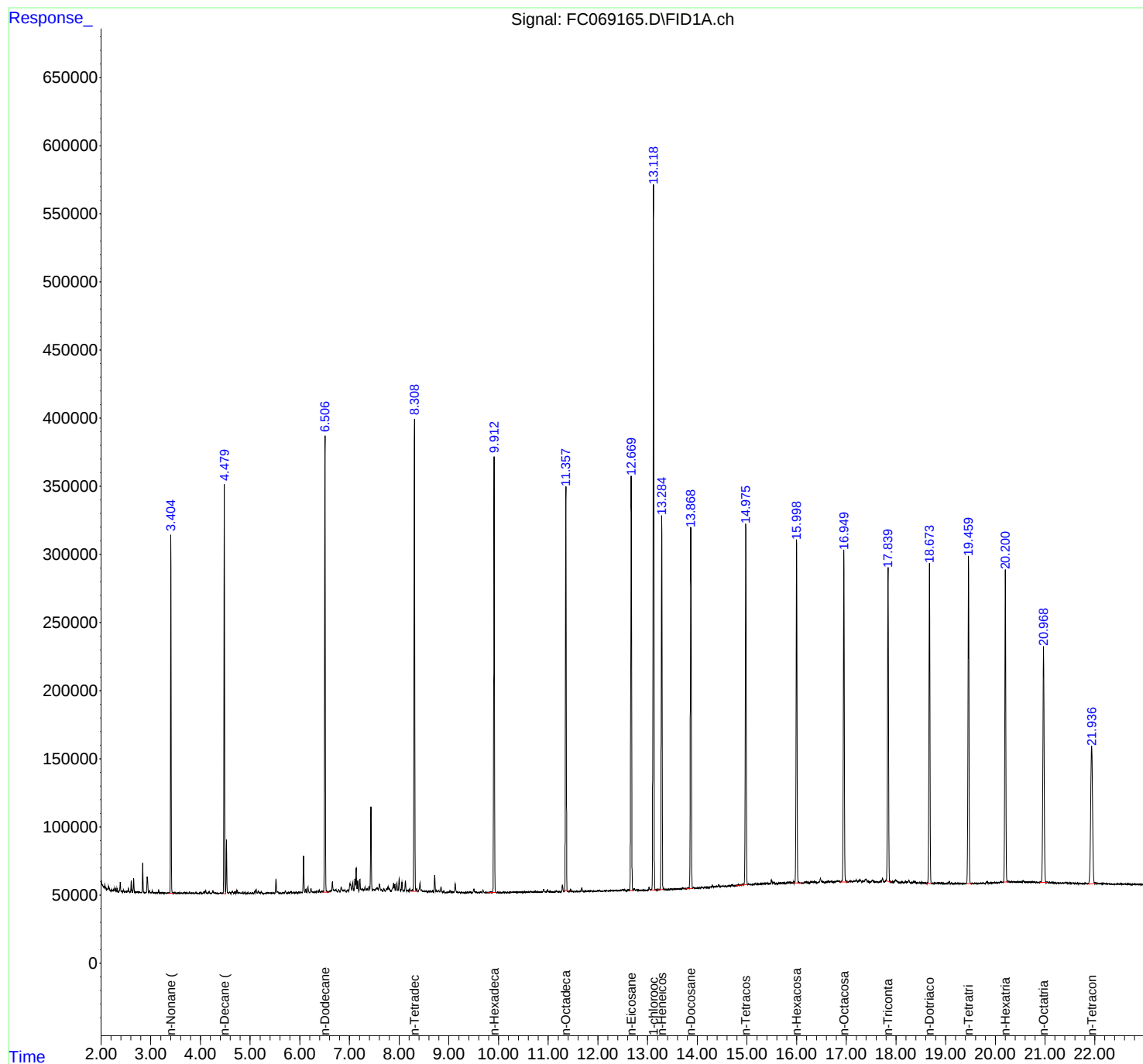
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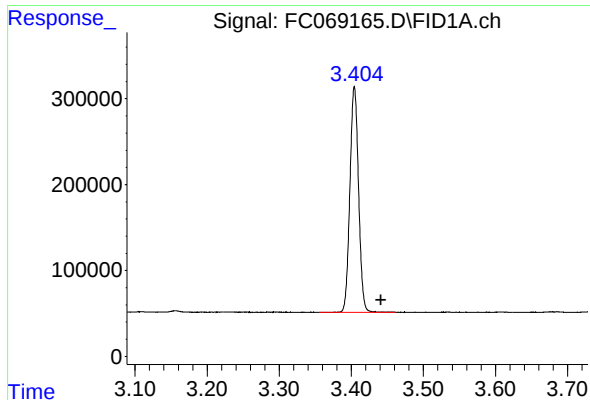
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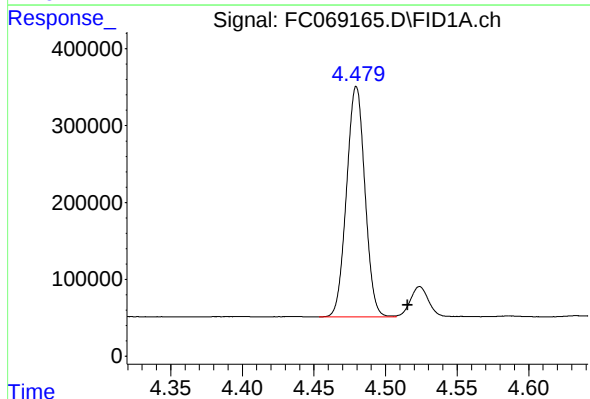
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.037 min
Response: 2188921
Conc: 20.63 ug/ml

Instrument :
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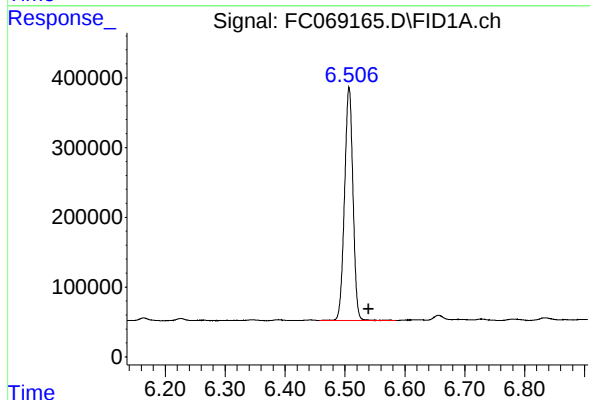
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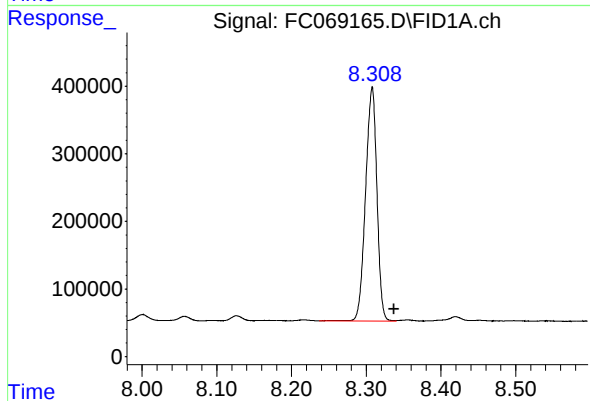
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.036 min
Response: 2684592
Conc: 25.35 ug/ml



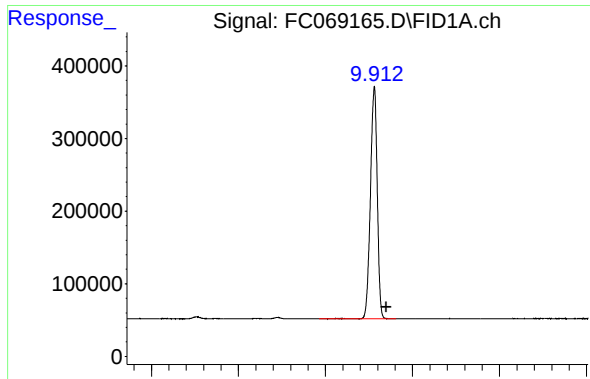
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 3278980
Conc: 31.19 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.030 min
Response: 3646211
Conc: 35.57 ug/ml



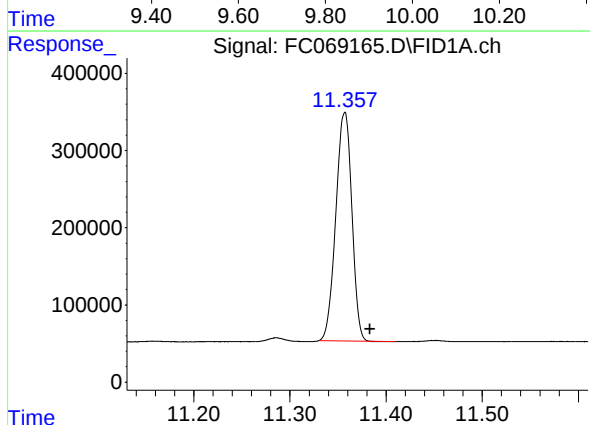
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 3471433
Conc: 34.21 ug/ml

Instrument :
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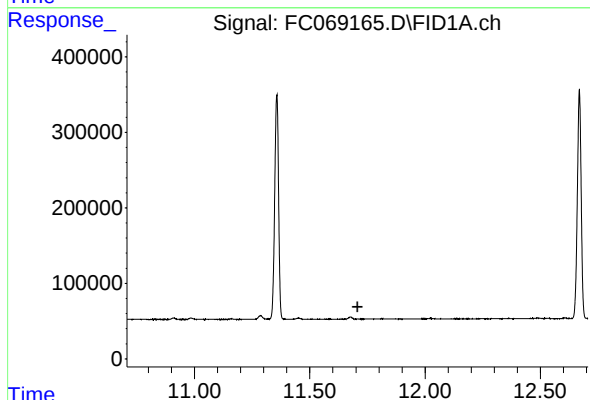
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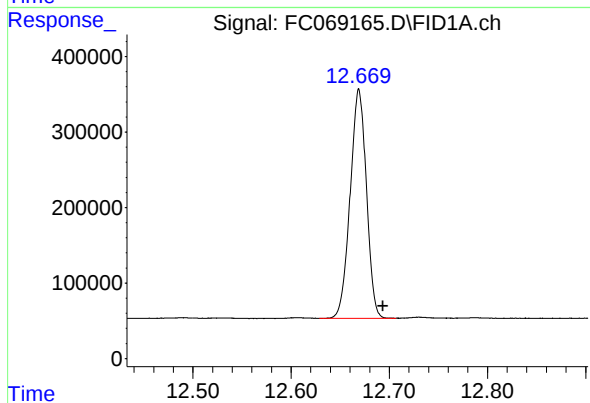
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.026 min
Response: 3441548
Conc: 34.43 ug/ml



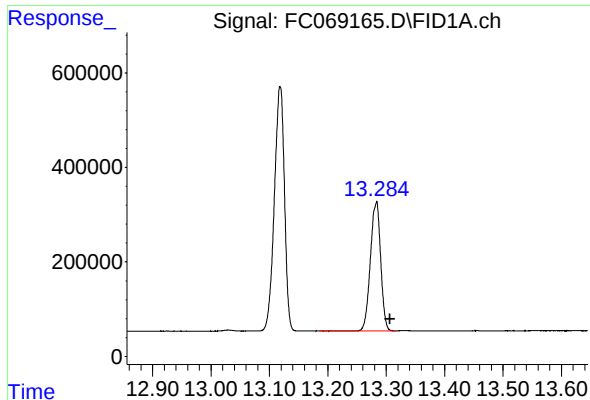
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.707 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.025 min
Response: 3494770
Conc: 35.88 ug/ml



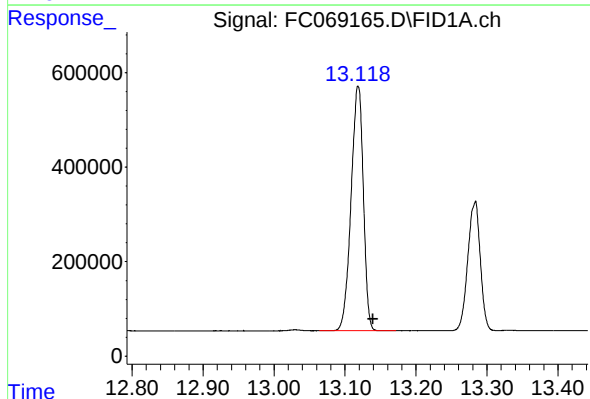
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.024 min
Response: 3333560
Conc: 34.63 ug/ml

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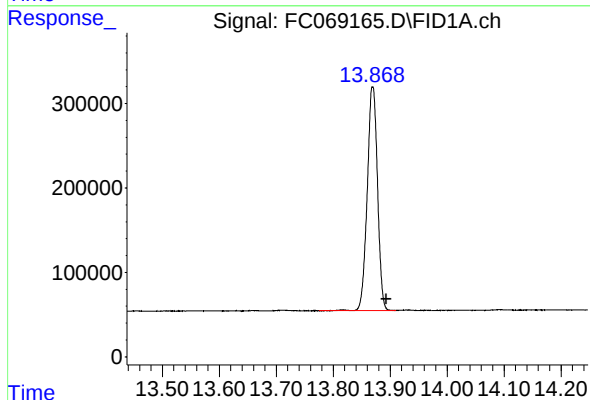
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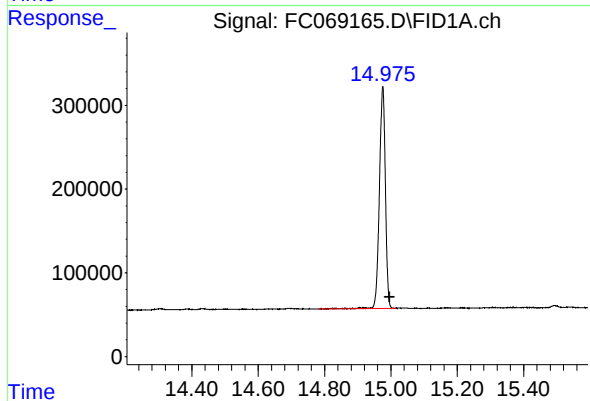
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: -0.021 min
Response: 6218026
Conc: 69.31 ug/ml



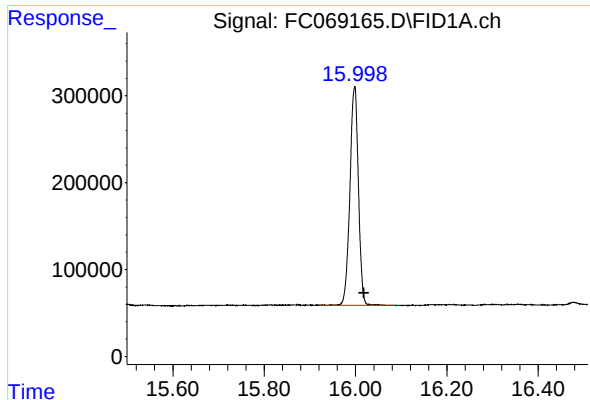
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 3315435
Conc: 34.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: -0.022 min
Response: 3310877
Conc: 35.16 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.021 min
Response: 3253315
Conc: 35.04 ug/ml

Instrument :

FID_C

ClientSampleId :

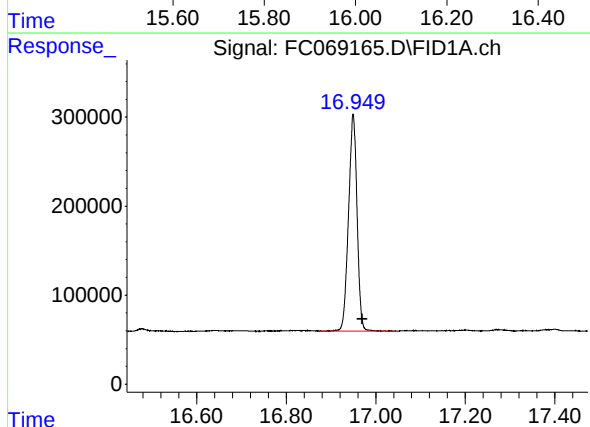
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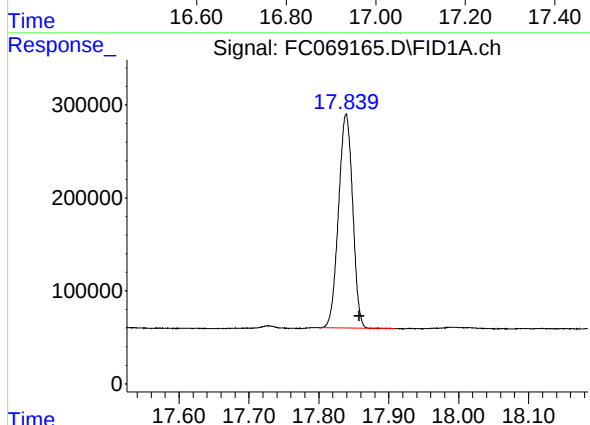
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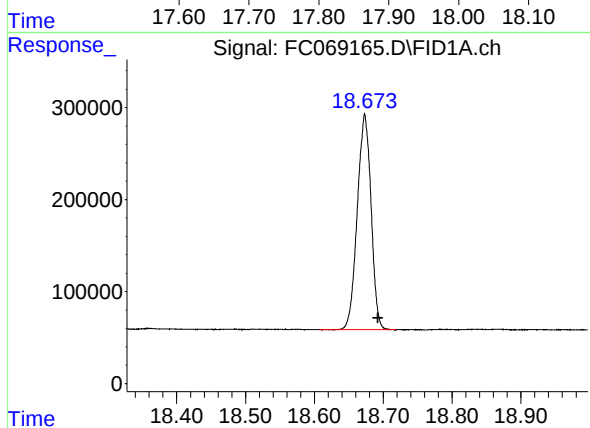
#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3224546
Conc: 34.69 ug/ml



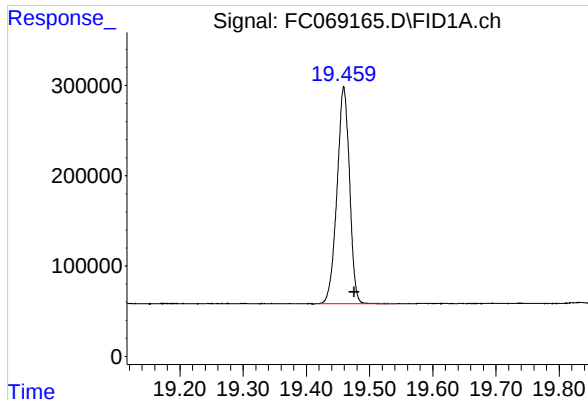
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 3233820
Conc: 33.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.673 min
Delta R.T.: -0.019 min
Response: 3264137
Conc: 32.94 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: -0.016 min
Response: 3307215
Conc: 34.31 ug/ml

Instrument :

FID_C

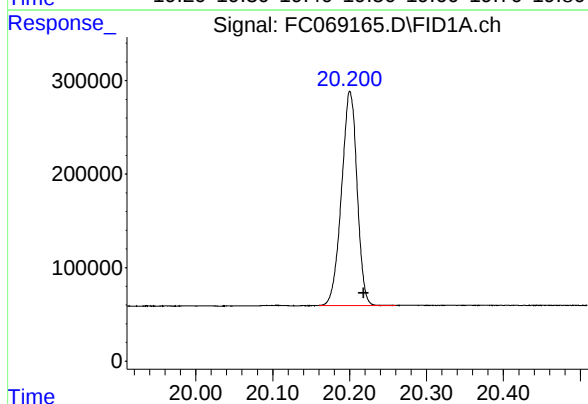
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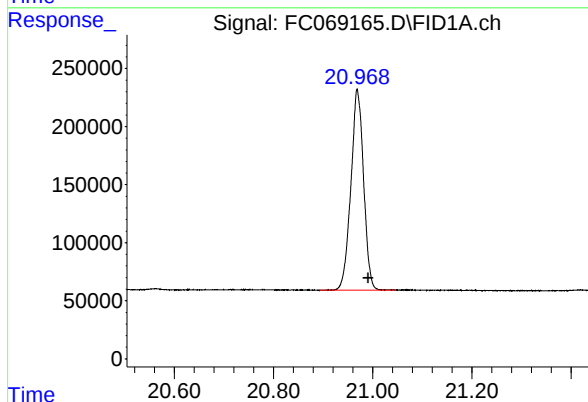
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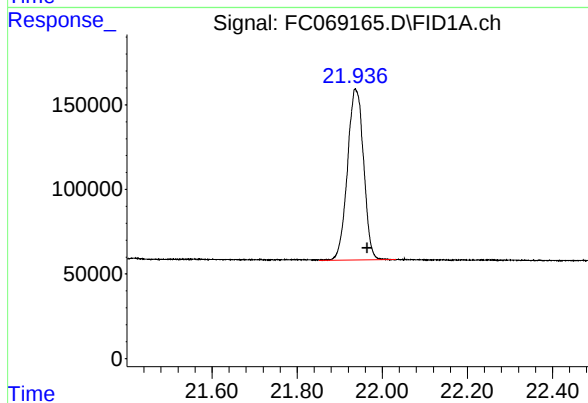
#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: -0.017 min
Response: 3214033
Conc: 33.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: -0.022 min
Response: 3075733
Conc: 33.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.029 min
Response: 2660293
Conc: 30.15 ug/ml m