

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061125AL\
 Data File : FC069166.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 22:50
 Operator : YP/AJ
 Sample : Q2177-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-187-SB01MSD

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 06:06:53 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	6098846	67.981 ug/ml
Spiked Amount 50.000		Recovery =	135.96%
Target Compounds			
1) T n-Nonane (C9)	3.404	2206907	20.796 ug/ml
2) T n-Decane (C10)	4.479	2703700	25.529 ug/mlm
4) T n-Dodecane (C12)	6.507	3279378	31.196 ug/ml
6) T n-Tetradecane (C14)	8.307	3644091	35.551 ug/ml
7) T n-Hexadecane (C16)	9.911	3446165	33.963 ug/ml
8) T n-Octadecane (C18)	11.356	3399983	34.019 ug/ml
10) T n-Eicosane (C20)	12.669	3460700	35.532 ug/ml
11) T n-Heneicosane (C21)	13.282	3301753	34.303 ug/ml
13) T n-Docosane (C22)	13.869	3282558	34.456 ug/ml
14) T n-Tetracosane (C24)	14.975	3280063	34.838 ug/ml
15) T n-Hexacosane (C26)	15.998	3253279	35.041 ug/ml
16) T n-Octacosane (C28)	16.949	3217537	34.615 ug/ml
17) T n-Tricontane (C30)	17.839	3242305	33.510 ug/ml
18) T n-Dotriacontane (C32)	18.674	3276603	33.064 ug/ml
19) T n-Tetratriacontane (C34)	19.459	3328230	34.533 ug/ml
20) T n-Hexatriacontane (C36)	20.201	3277362	34.524 ug/ml
21) T n-Octatriacontane (C38)	20.970	3206710	35.148 ug/ml
22) T n-Tetracontane (C40)	21.939	2906027	32.935 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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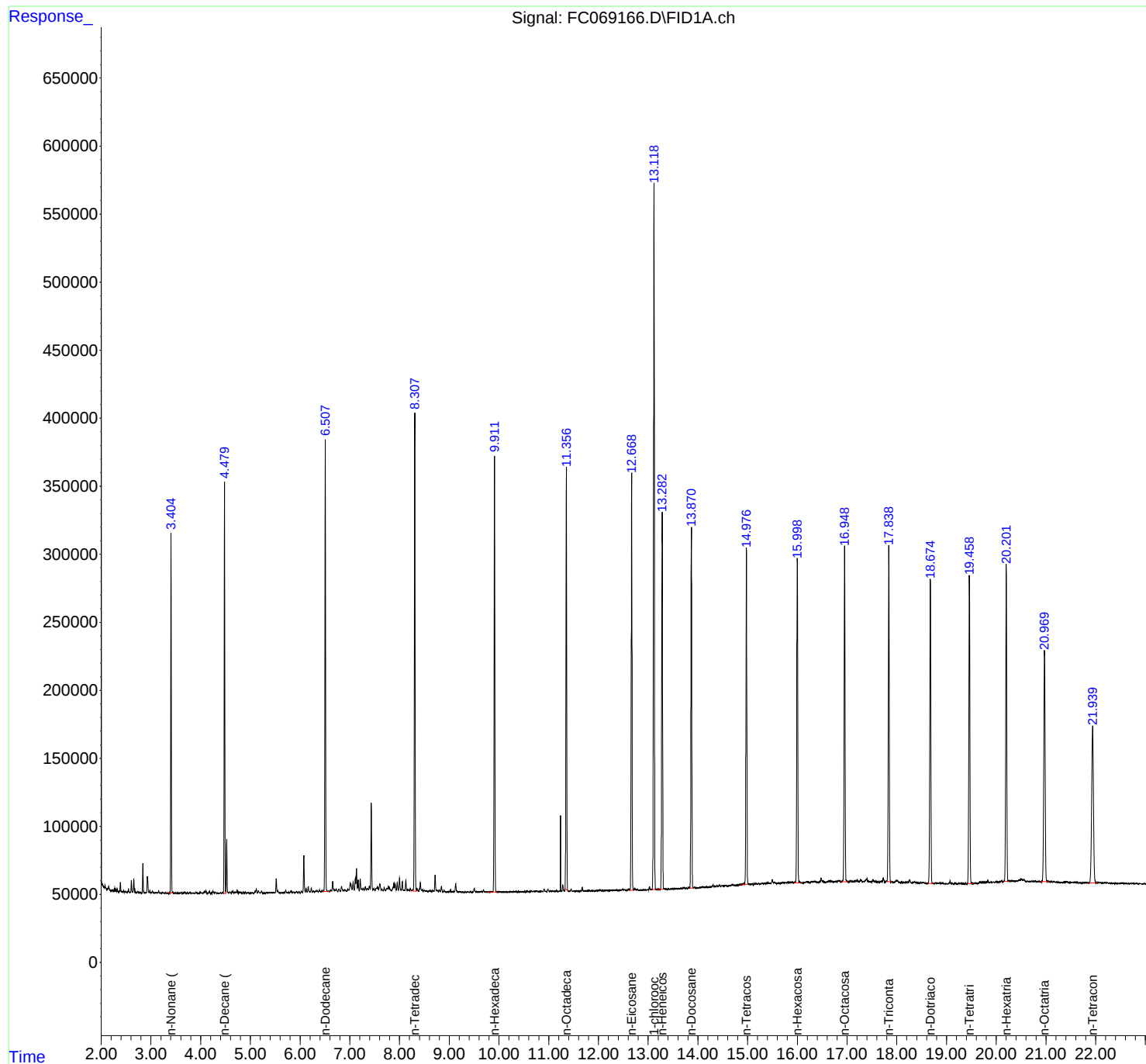
Instrument :
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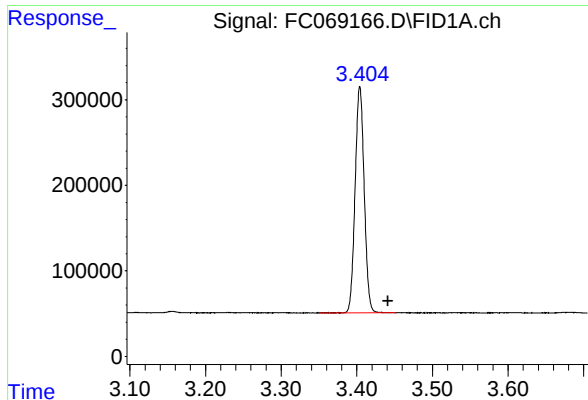
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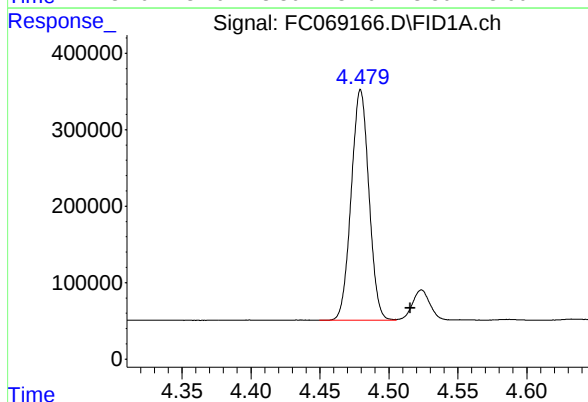
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.037 min
Response: 2206907
Conc: 20.80 ug/ml

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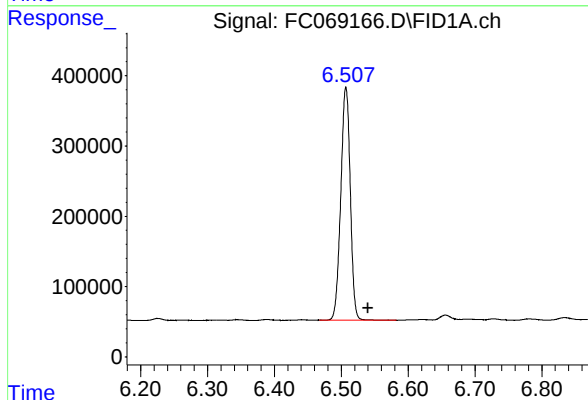
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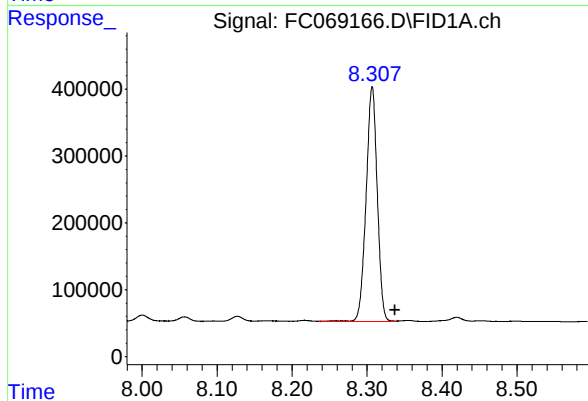
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.036 min
Response: 2703700
Conc: 25.53 ug/ml



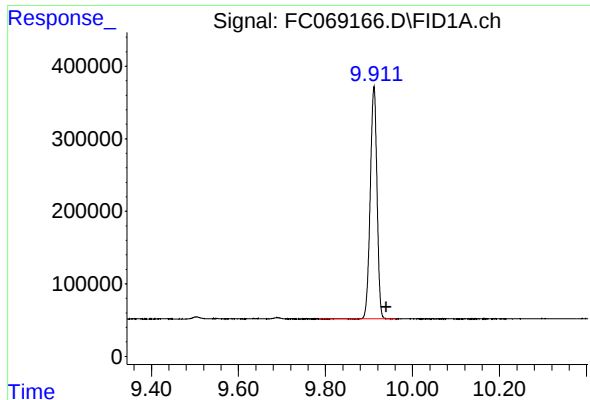
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.033 min
Response: 3279378
Conc: 31.20 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.030 min
Response: 3644091
Conc: 35.55 ug/ml



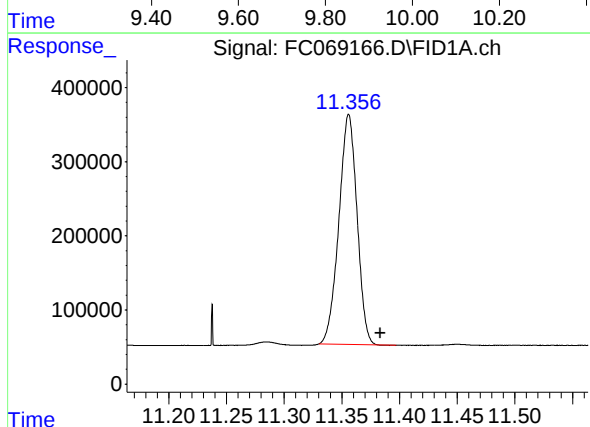
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 3446165
Conc: 33.96 ug/ml

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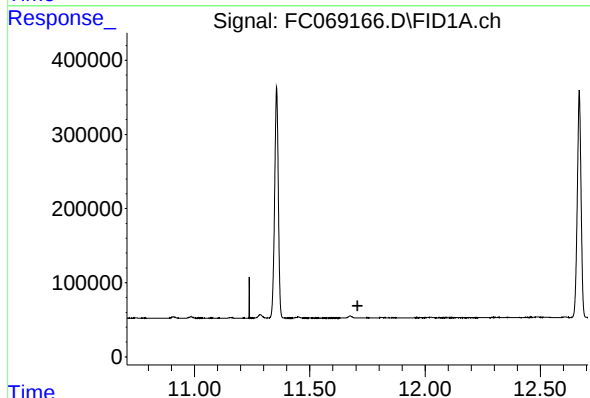
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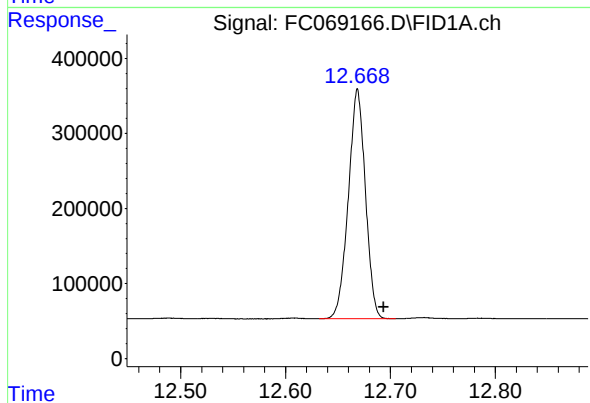
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.027 min
Response: 3399983
Conc: 34.02 ug/ml



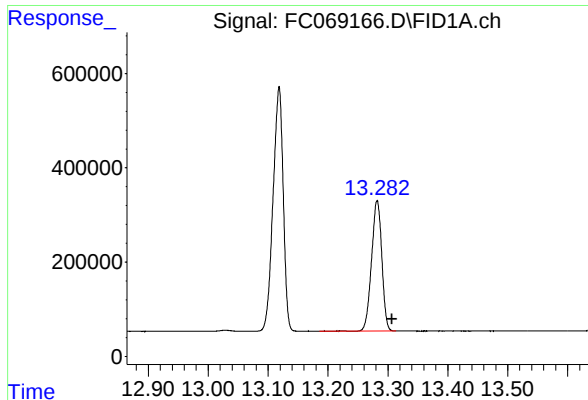
#9 ortho-Terphenyl (SURR)

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: 3460700
Conc: 35.53 ug/ml



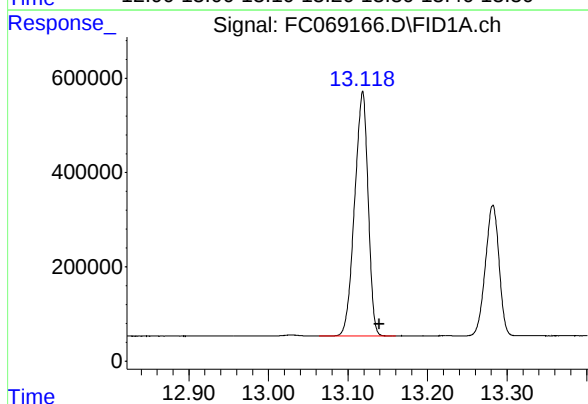
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 3301753
Conc: 34.30 ug/ml

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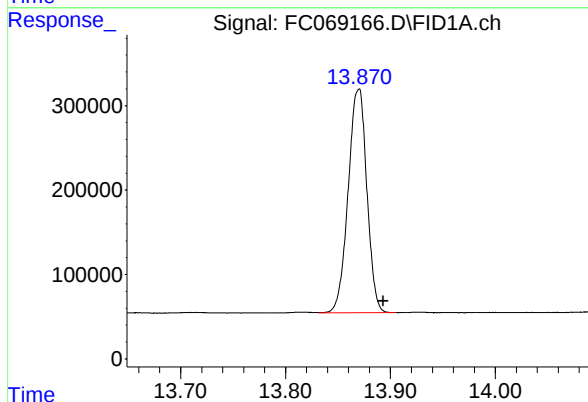
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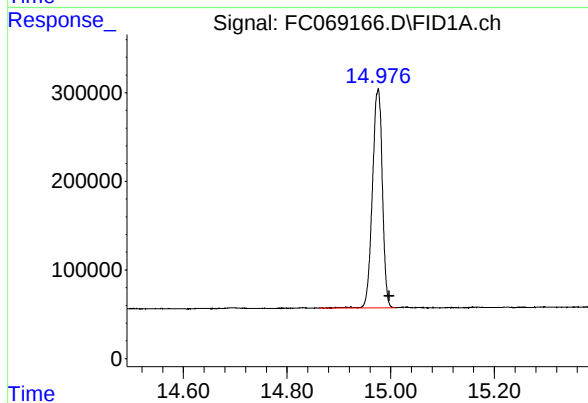
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: -0.021 min
Response: 6098846
Conc: 67.98 ug/ml



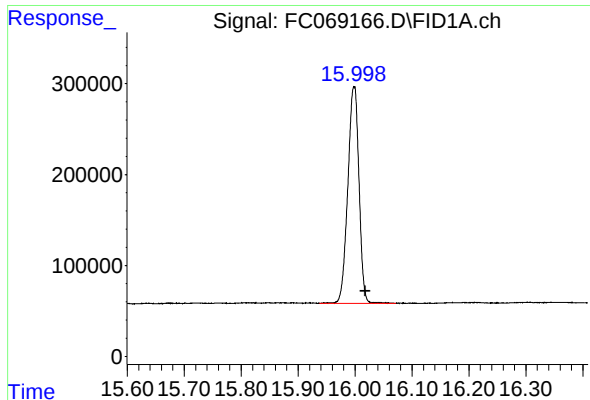
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.024 min
Response: 3282558
Conc: 34.46 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: -0.022 min
Response: 3280063
Conc: 34.84 ug/ml



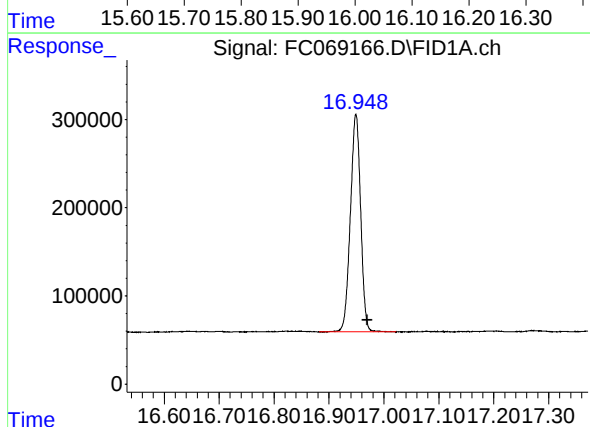
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.020 min
Response: 3253279
Conc: 35.04 ug/ml

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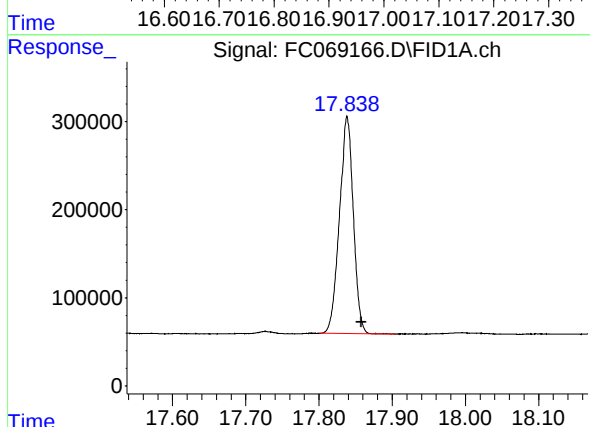
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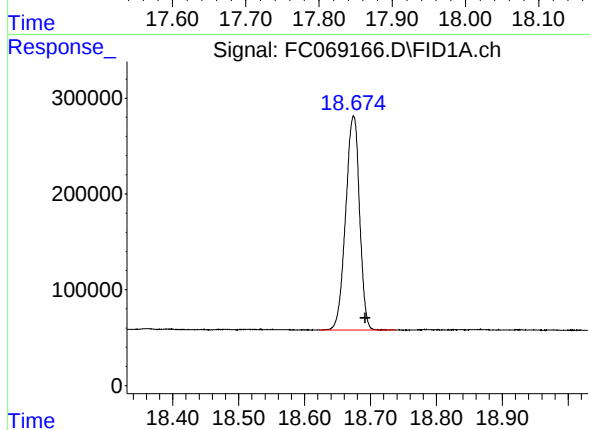
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.021 min
Response: 3217537
Conc: 34.61 ug/ml



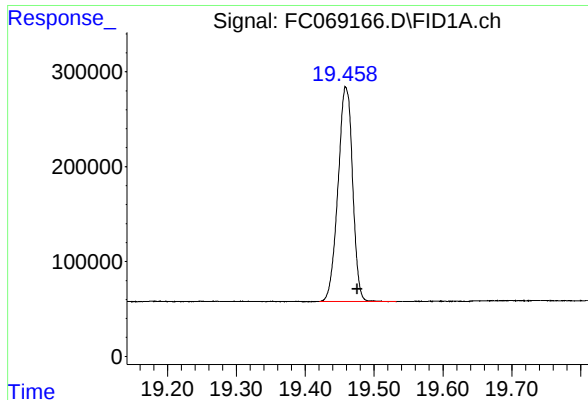
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 3242305
Conc: 33.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: -0.018 min
Response: 3276603
Conc: 33.06 ug/ml



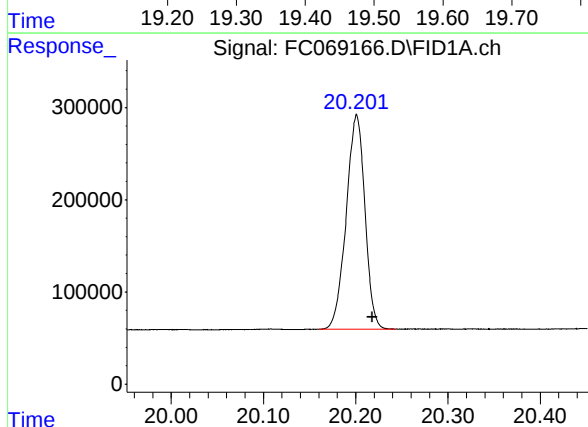
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min
Delta R.T.: -0.016 min
Response: 3328230
Conc: 34.53 ug/ml

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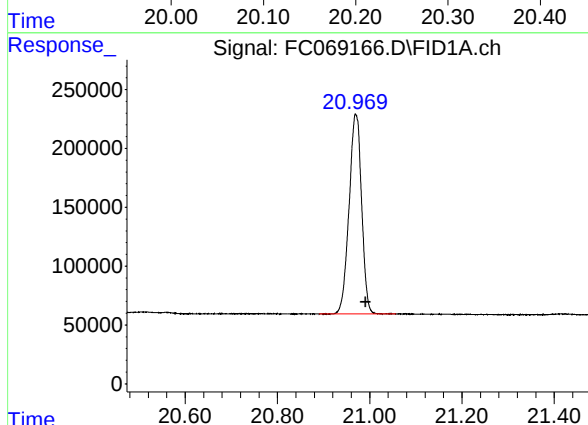
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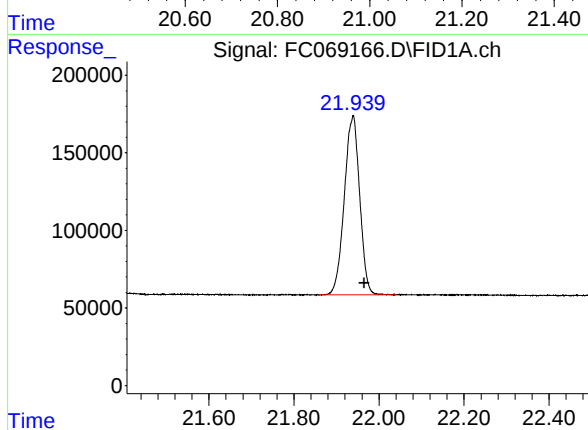
#20 n-Hexatriacontane (C36)

R.T.: 20.201 min
Delta R.T.: -0.017 min
Response: 3277362
Conc: 34.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.970 min
Delta R.T.: -0.021 min
Response: 3206710
Conc: 35.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.026 min
Response: 2906027
Conc: 32.94 ug/ml m