

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060625AL\
 Data File : FC069116.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 17:06
 Operator : YP/AJ
 Sample : Q2208-31MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BU-703-25BMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 02:42:06 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			
9) S ortho-Terphenyl (SURR)	11.681	5191270	42.088 ug/ml
Spiked Amount 50.000		Recovery =	84.18%
12) S 1-chlorooctadecane (S...	13.117	4381472	48.838 ug/ml
Spiked Amount 50.000		Recovery =	97.68%
Target Compounds			
1) T n-Nonane (C9)	3.403	3371450	31.769 ug/ml
2) T n-Decane (C10)	4.479	3861575	36.462 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	4699036	40.637 ug/ml
4) T n-Dodecane (C12)	6.506	4115880	39.153 ug/ml
5) T A~2-methylnaphthalene...	7.134	4457041	39.314 ug/ml
6) T n-Tetradecane (C14)	8.307	4250070	41.463 ug/ml
7) T n-Hexadecane (C16)	9.912	4555291	44.894 ug/ml
8) T n-Octadecane (C18)	11.358	4635316	46.379 ug/ml
10) T n-Eicosane (C20)	12.671	4818371	49.471 ug/ml
11) T n-Heneicosane (C21)	13.285	4615614	47.953 ug/ml
13) T n-Docosane (C22)	13.872	4577697	48.050 ug/ml
14) T n-Tetracosane (C24)	14.967	9716957	103.204 ug/ml
15) T n-Hexacosane (C26)	16.002	4500879	48.479 ug/ml
16) T n-Octacosane (C28)	16.952	4493174	48.338 ug/ml
17) T n-Tricontane (C30)	17.845	4447904	45.970 ug/ml
18) T n-Dotriacontane (C32)	18.678	4504253	45.452 ug/ml
19) T n-Tetratriacontane (C34)	19.463	4669057	48.445 ug/ml
20) T n-Hexatriacontane (C36)	20.206	4598669	48.443 ug/ml
21) T n-Octatriacontane (C38)	20.975	4673253	51.222 ug/ml
22) T n-Tetracontane (C40)	21.948	4546218	51.524 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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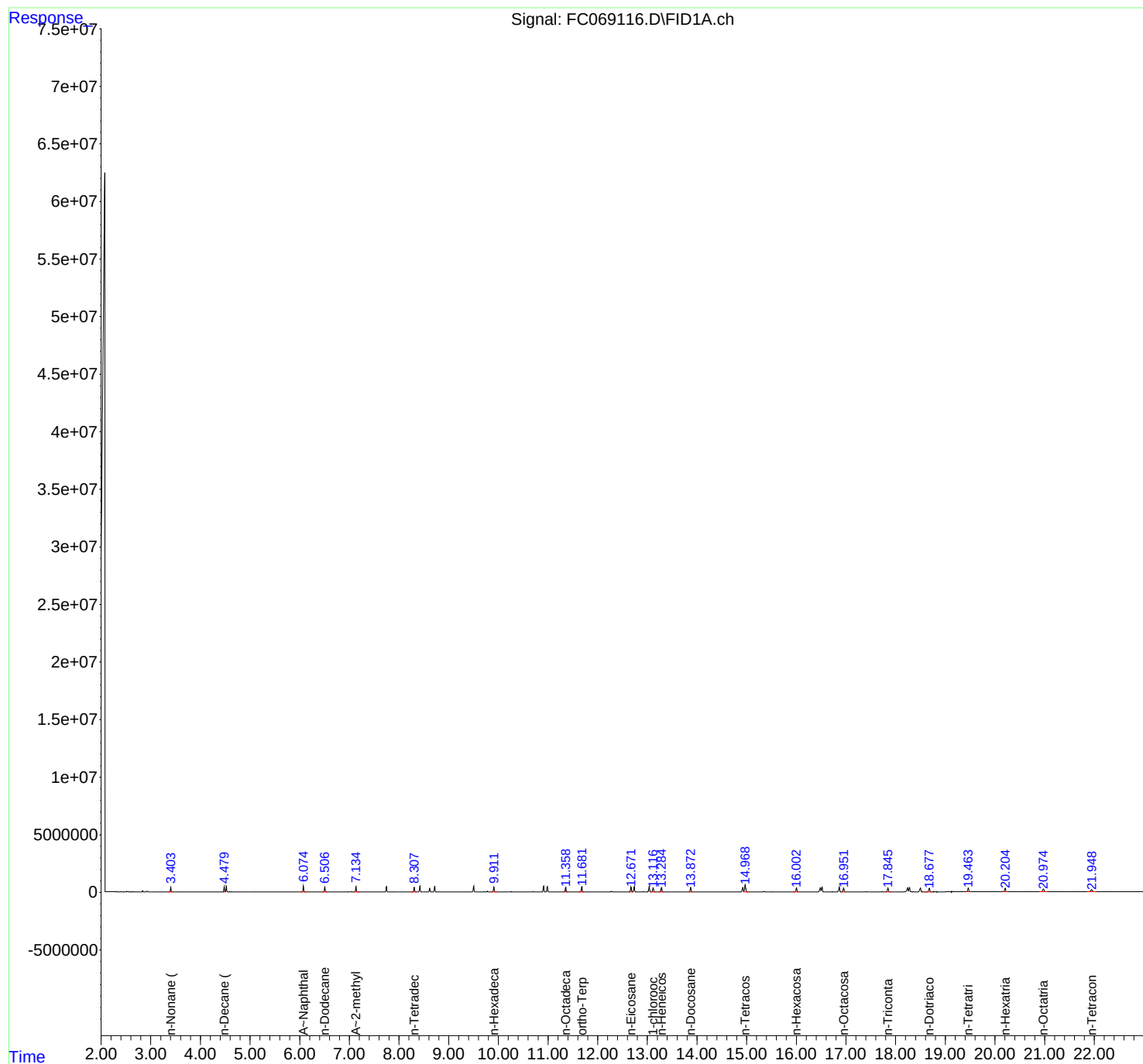
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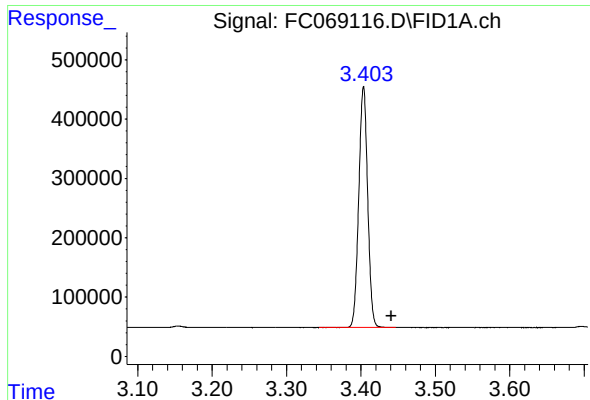
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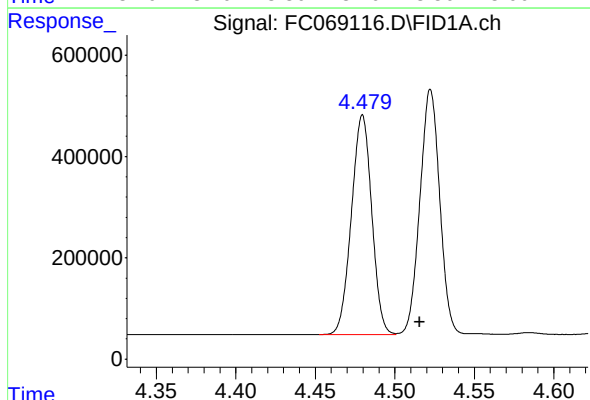
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.038 min
Response: 3371450
Conc: 31.77 ug/ml

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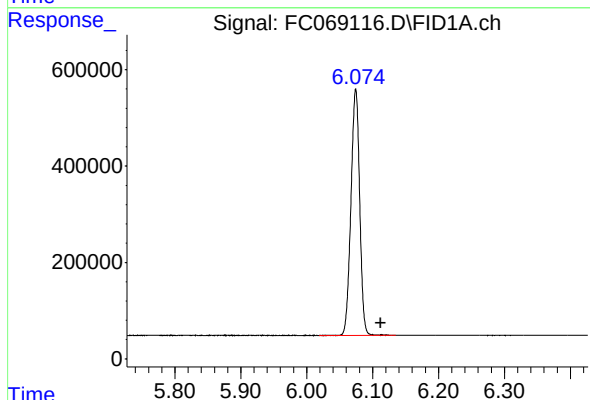
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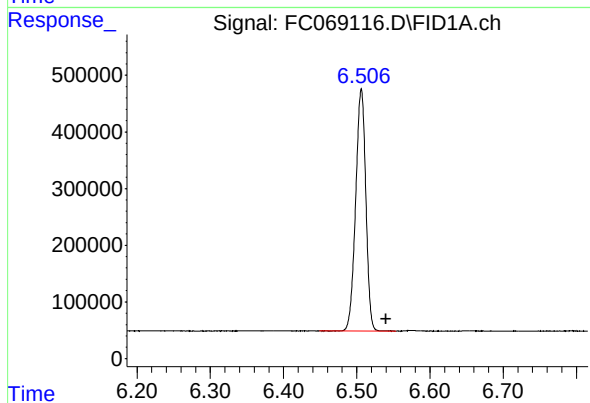
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.036 min
Response: 3861575
Conc: 36.46 ug/ml



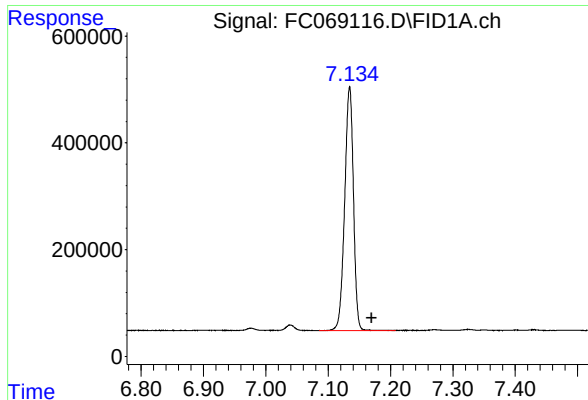
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 4699036
Conc: 40.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.034 min
Response: 4115880
Conc: 39.15 ug/ml



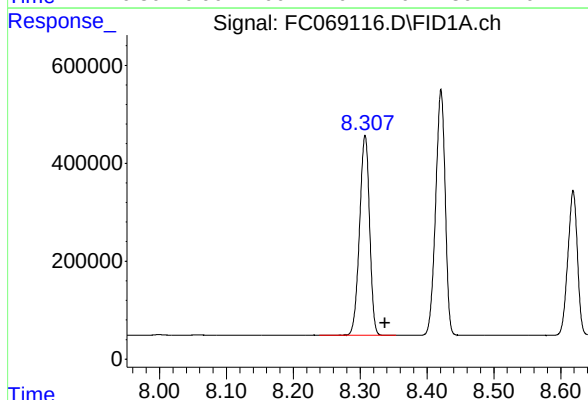
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.036 min
Response: 4457041
Conc: 39.31 ug/ml

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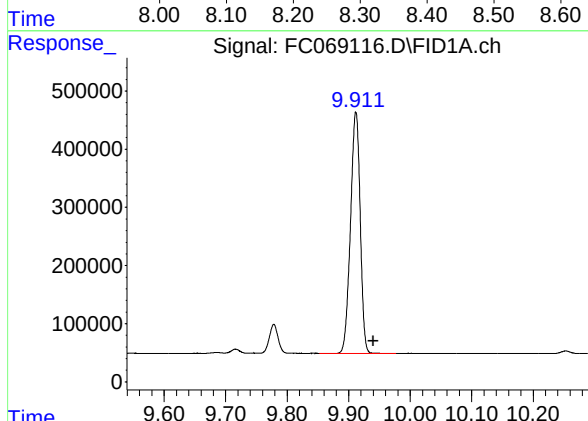
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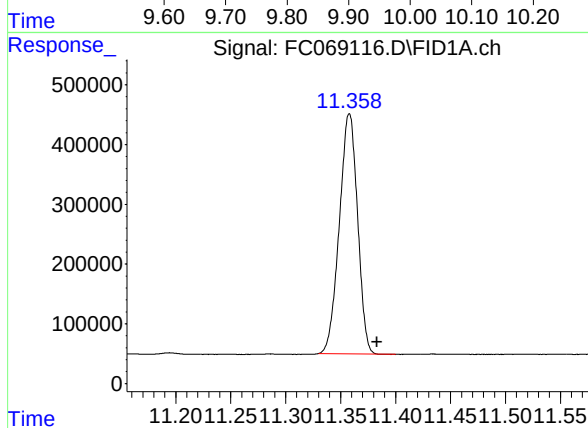
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.030 min
Response: 4250070
Conc: 41.46 ug/ml



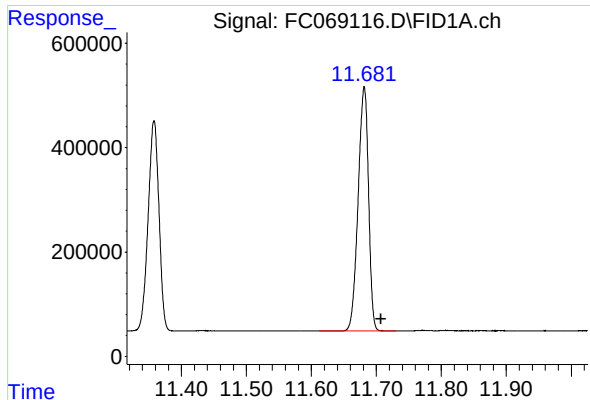
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.028 min
Response: 4555291
Conc: 44.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: -0.025 min
Response: 4635316
Conc: 46.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.026 min
Response: 5191270
Conc: 42.09 ug/ml

Instrument :

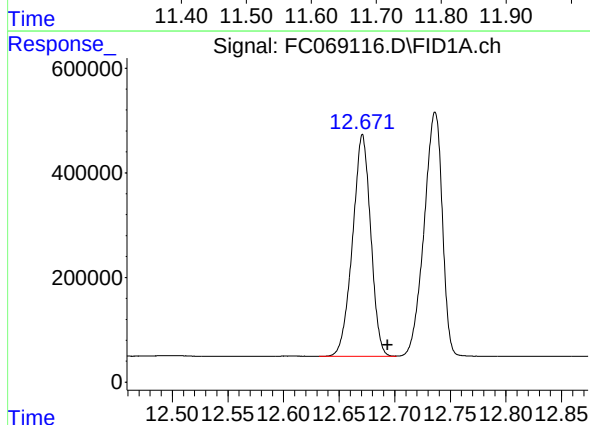
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ClientSampleId :

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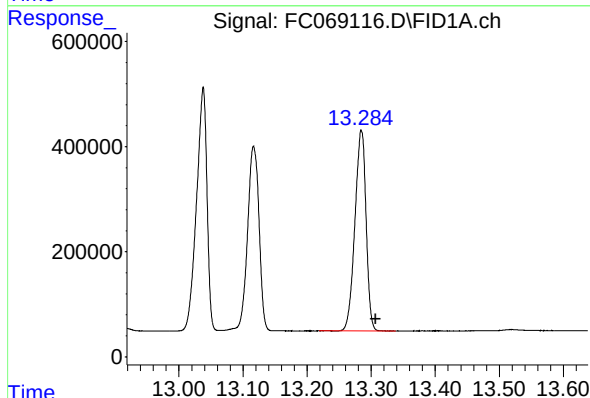
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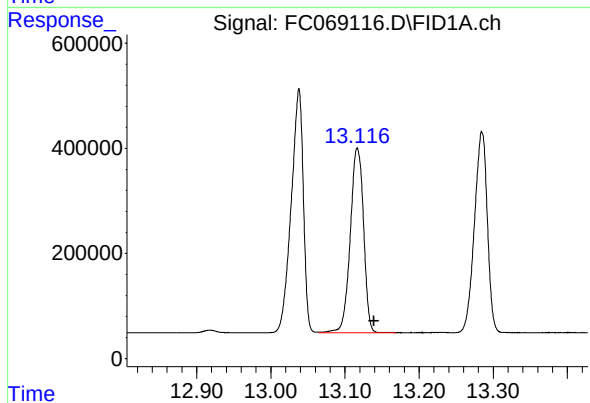
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: -0.023 min
Response: 4818371
Conc: 49.47 ug/ml



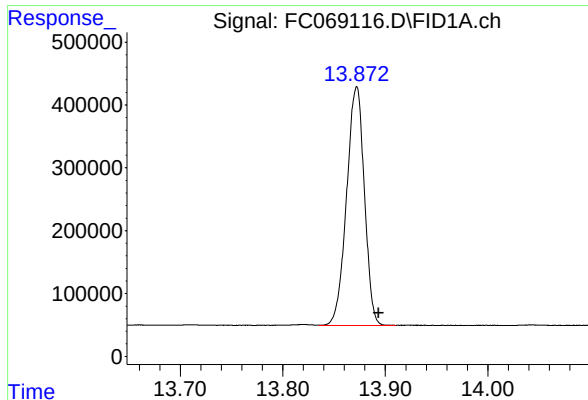
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: -0.022 min
Response: 4615614
Conc: 47.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: -0.022 min
Response: 4381472
Conc: 48.84 ug/ml



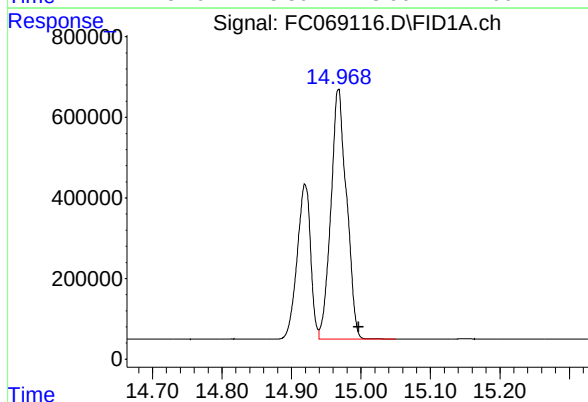
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.022 min
Response: 4577697
Conc: 48.05 ug/ml

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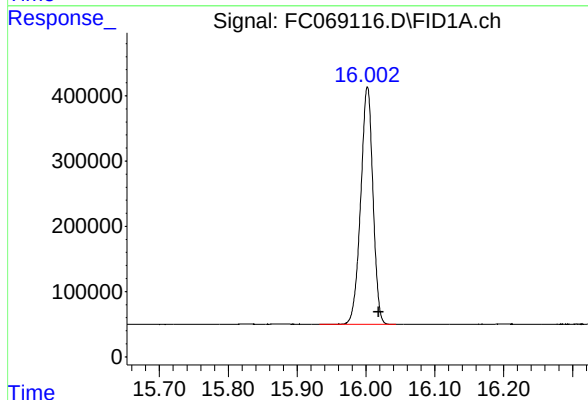
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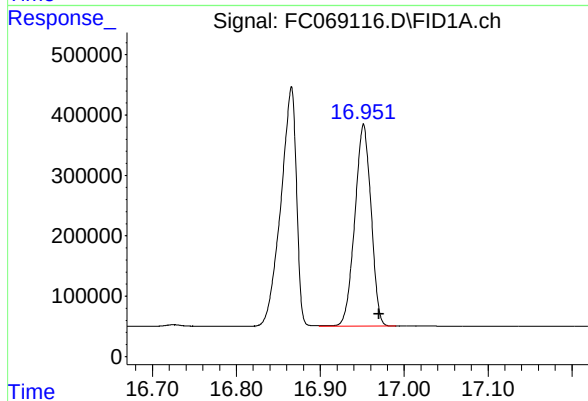
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.030 min
Response: 9716957
Conc: 103.20 ug/ml



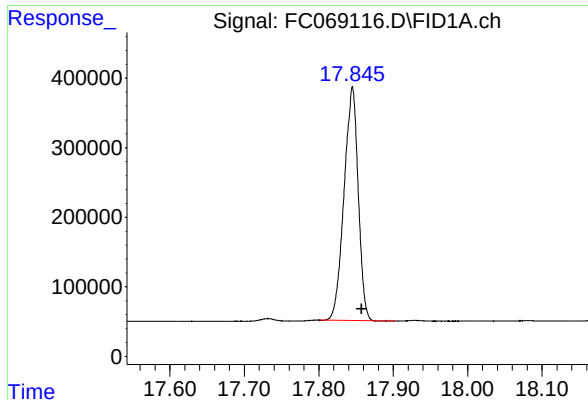
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.016 min
Response: 4500879
Conc: 48.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.018 min
Response: 4493174
Conc: 48.34 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.845 min
Delta R.T.: -0.013 min
Response: 4447904
Conc: 45.97 ug/ml

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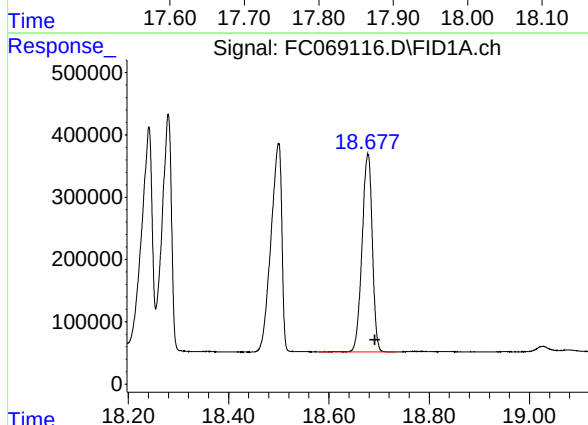
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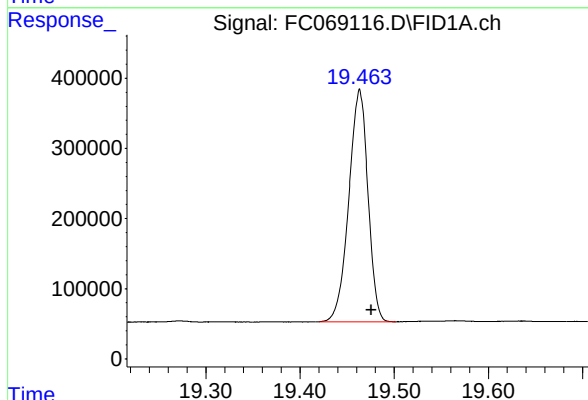
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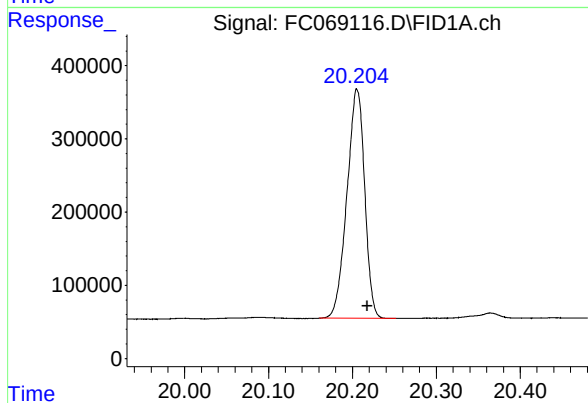
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: -0.015 min
Response: 4504253
Conc: 45.45 ug/ml



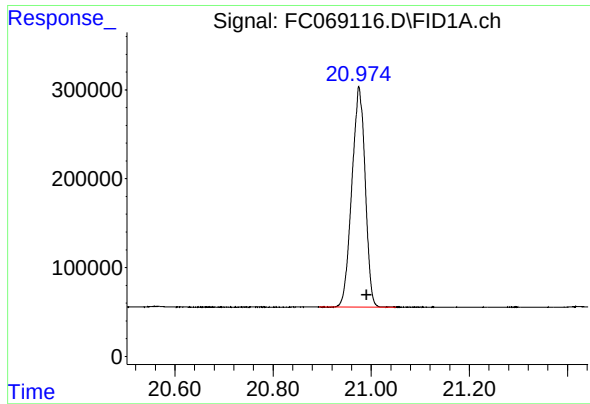
#19 n-Tetratriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.013 min
Response: 4669057
Conc: 48.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.012 min
Response: 4598669
Conc: 48.44 ug/ml



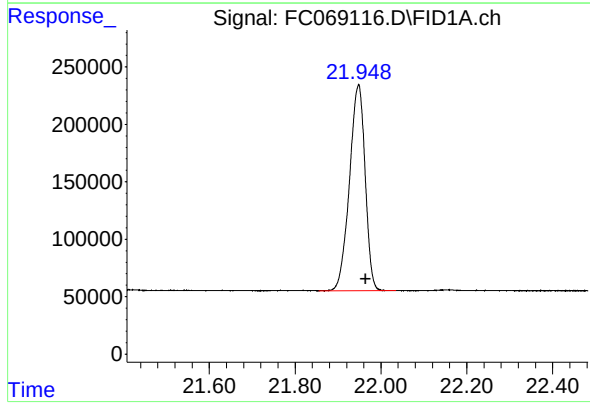
#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: -0.015 min
Response: 4673253
Conc: 51.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.017 min
Response: 4546218
Conc: 51.52 ug/ml m