

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069103.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2025 05:16
 Operator : YP/AJ
 Sample : Q2219-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-11995MS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jun 06 05:42:07 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)	11.679	4568629	37.040 ug/ml
Spiked Amount 50.000		Recovery =	74.08%
12) S 1-chlorooctadecane (S...	13.115	3556374	39.641 ug/ml
Spiked Amount 50.000		Recovery =	79.28%
Target Compounds			
1) T n-Nonane (C9)	3.401	3303104	31.125 ug/ml
2) T n-Decane (C10)	4.478	3706972	35.002 ug/mlm
3) T A~Naphthalene (C11.7)	6.073	4487394	38.806 ug/ml
4) T n-Dodecane (C12)	6.505	3929179	37.377 ug/ml
5) T A~2-methylnaphthalene...	7.133	4282579	37.775 ug/ml
6) T n-Tetradecane (C14)	8.307	4096074	39.960 ug/ml
7) T n-Hexadecane (C16)	9.911	4429523	43.655 ug/ml
8) T n-Octadecane (C18)	11.357	4376908	43.793 ug/ml
10) T n-Eicosane (C20)	12.670	4587301	47.098 ug/ml
11) T n-Heneicosane (C21)	13.282	4357436	45.271 ug/ml
13) T n-Docosane (C22)	13.870	4330623	45.457 ug/ml
14) T n-Tetracosane (C24)	14.966	9310898	98.891 ug/ml
15) T n-Hexacosane (C26)	16.000	4259469	45.879 ug/ml
16) T n-Octacosane (C28)	16.951	4289284	46.145 ug/ml
17) T n-Tricontane (C30)	17.843	4270917	44.140 ug/ml
18) T n-Dotriacontane (C32)	18.676	4322199	43.615 ug/ml
19) T n-Tetratriacontane (C34)	19.461	4475917	46.441 ug/ml
20) T n-Hexatriacontane (C36)	20.204	4392269	46.269 ug/ml
21) T n-Octatriacontane (C38)	20.976	4531704	49.671 ug/ml
22) T n-Tetracontane (C40)	21.940	4409593	49.976 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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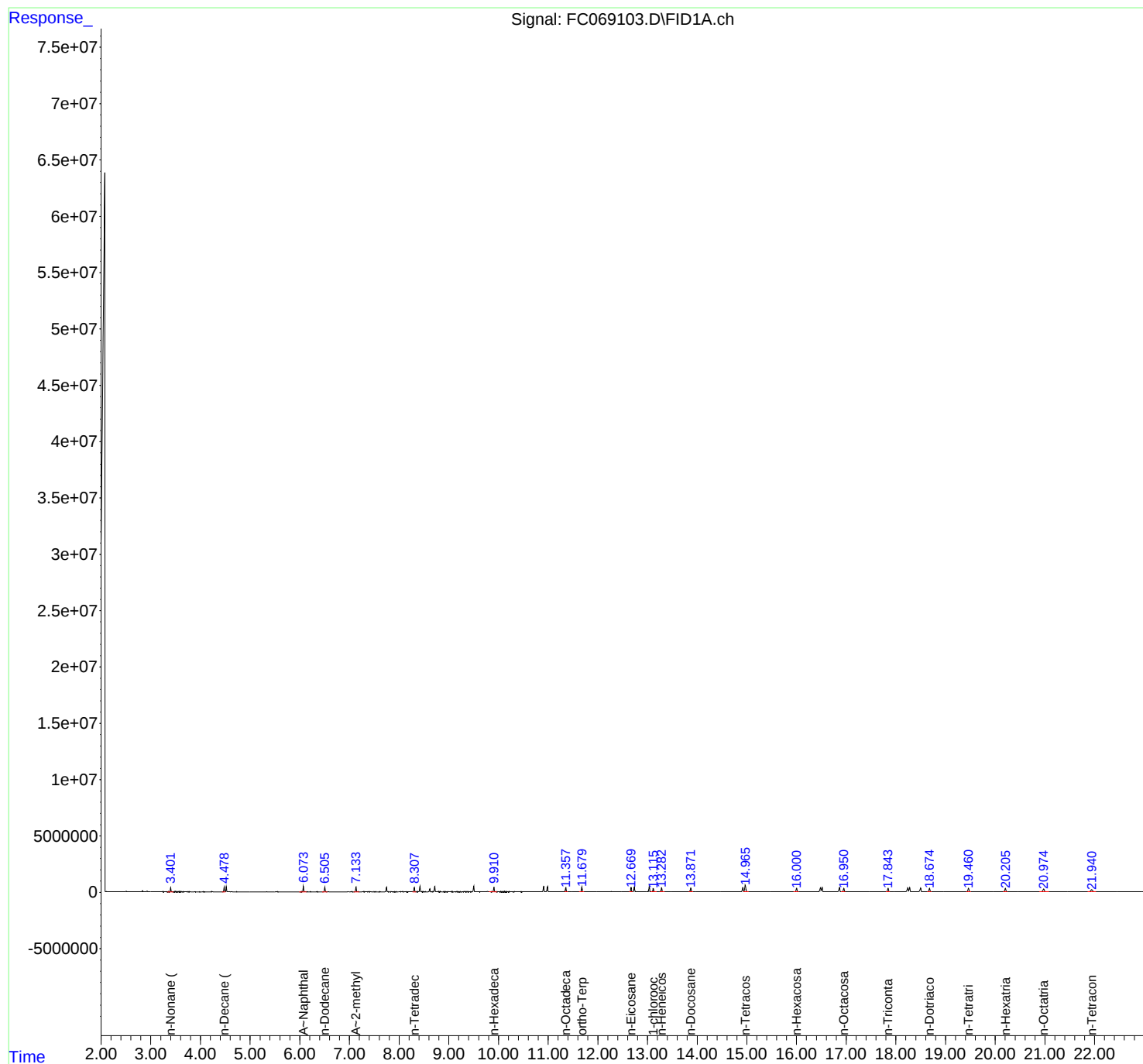
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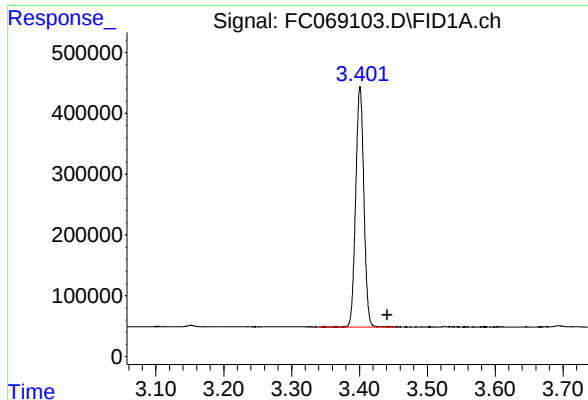
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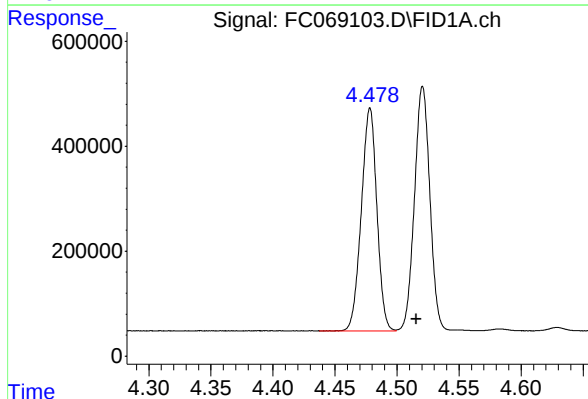
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.040 min
Response: 3303104
Conc: 31.13 ug/ml

Instrument :
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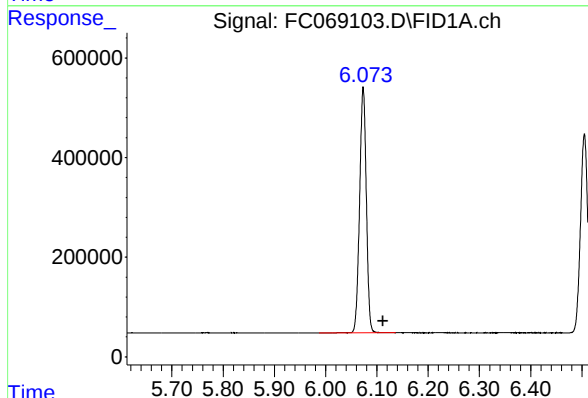
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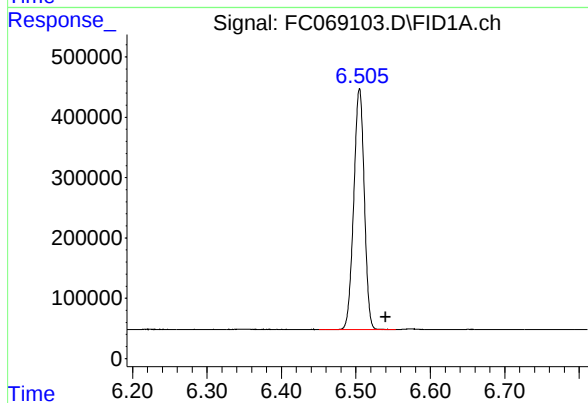
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.038 min
Response: 3706972
Conc: 35.00 ug/ml



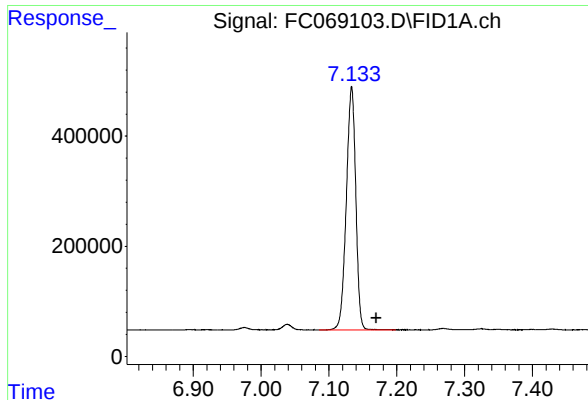
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.039 min
Response: 4487394
Conc: 38.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 3929179
Conc: 37.38 ug/ml



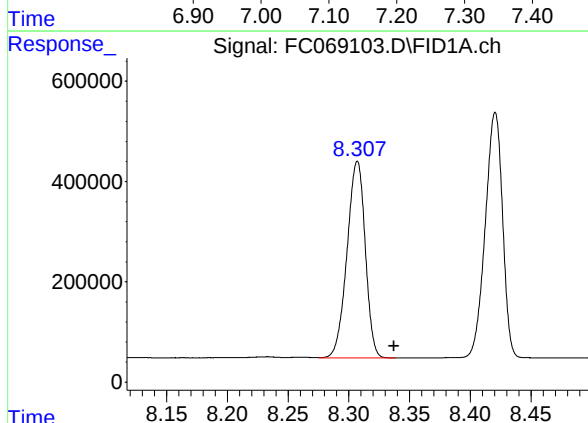
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.036 min
Response: 4282579
Conc: 37.78 ug/ml

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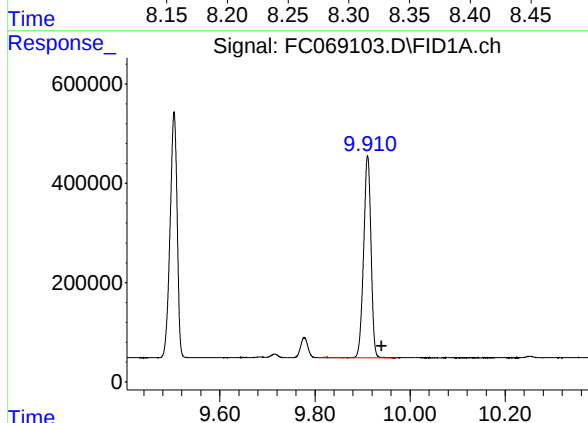
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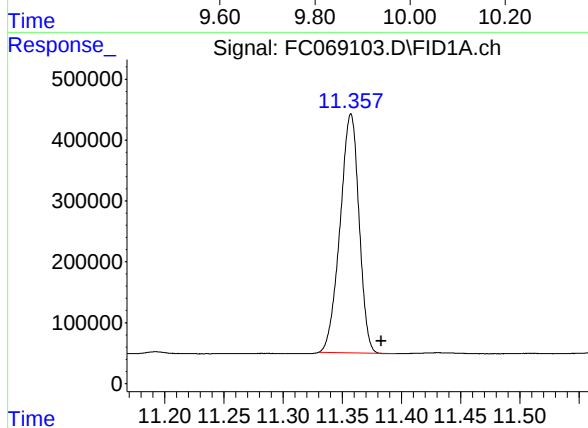
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.030 min
Response: 4096074
Conc: 39.96 ug/ml



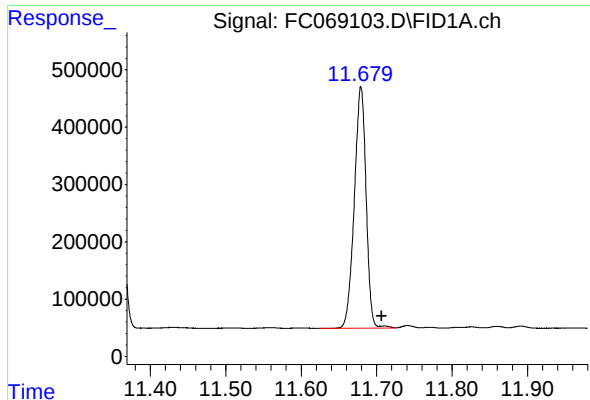
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 4429523
Conc: 43.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.026 min
Response: 4376908
Conc: 43.79 ug/ml



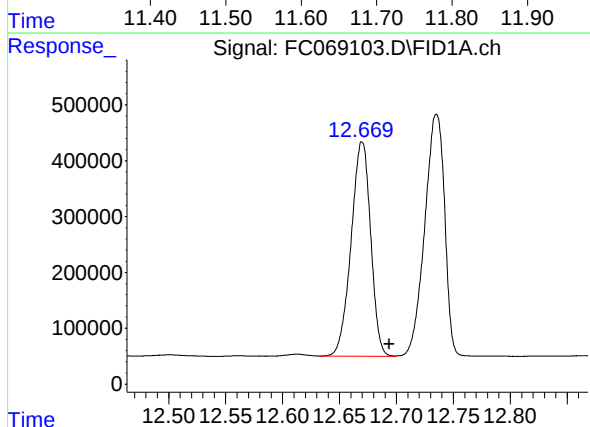
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.028 min
Response: 4568629
Conc: 37.04 ug/ml

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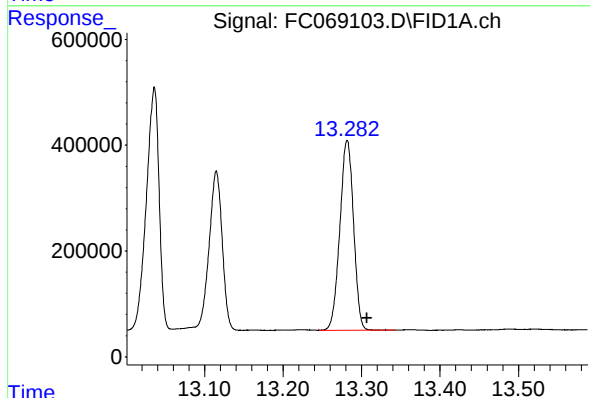
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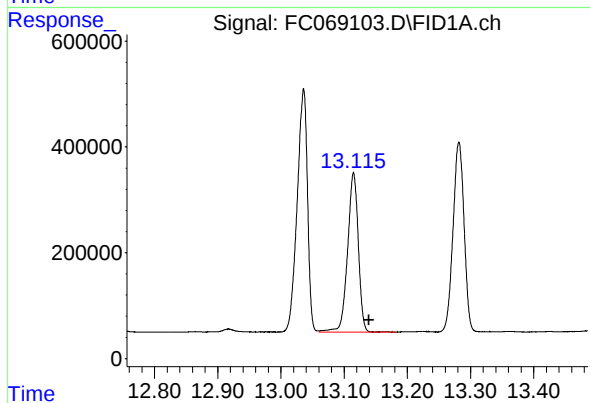
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: -0.024 min
Response: 4587301
Conc: 47.10 ug/ml



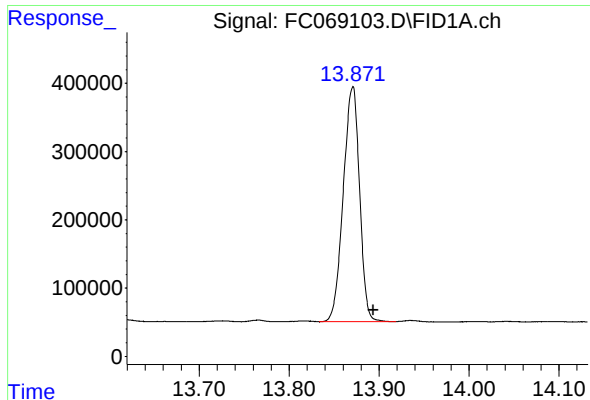
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 4357436
Conc: 45.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3556374
Conc: 39.64 ug/ml



#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: -0.023 min
Response: 4330623
Conc: 45.46 ug/ml

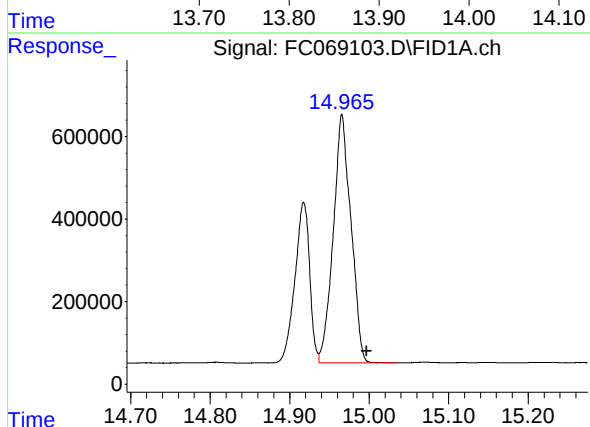
Instrument :

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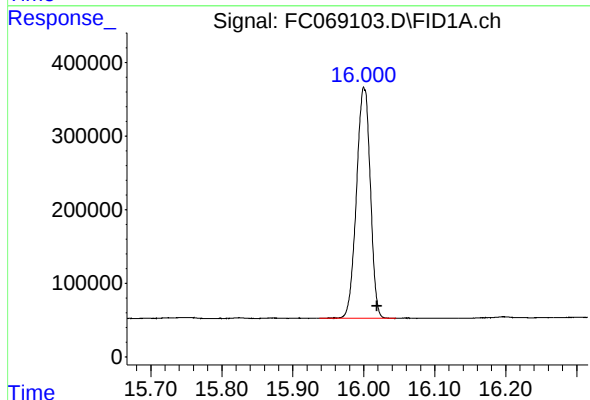
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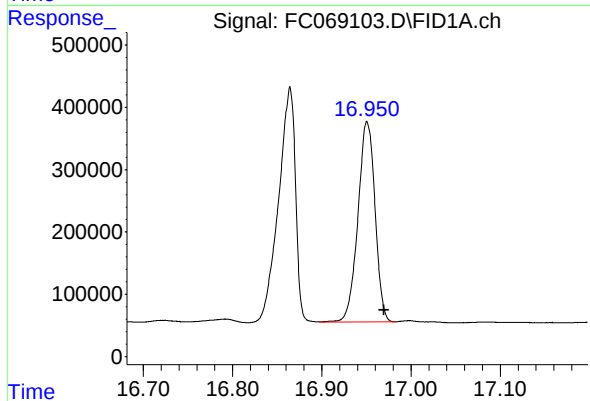
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.031 min
Response: 9310898
Conc: 98.89 ug/ml



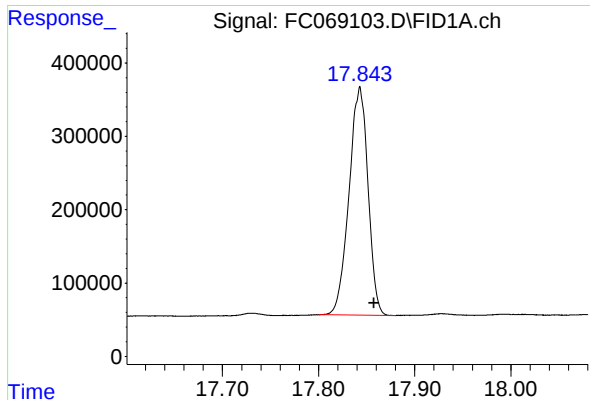
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.018 min
Response: 4259469
Conc: 45.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.951 min
Delta R.T.: -0.019 min
Response: 4289284
Conc: 46.14 ug/ml



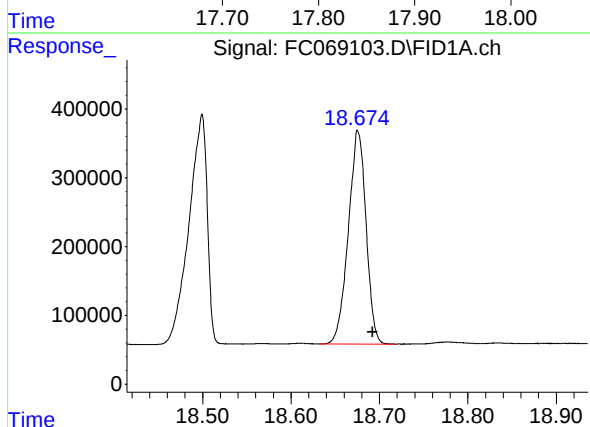
#17 n-Tricontane (C30)

R.T.: 17.843 min
Delta R.T.: -0.015 min
Response: 4270917
Conc: 44.14 ug/ml

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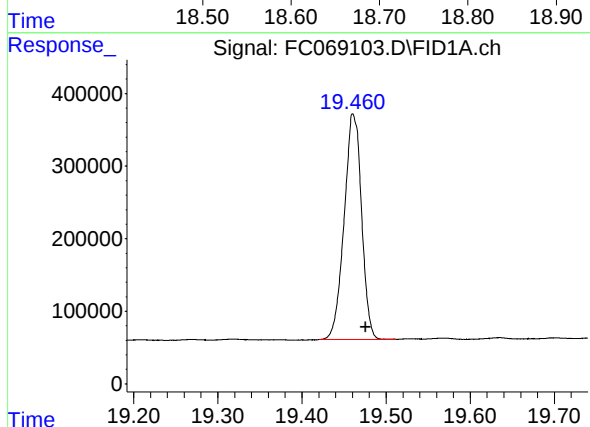
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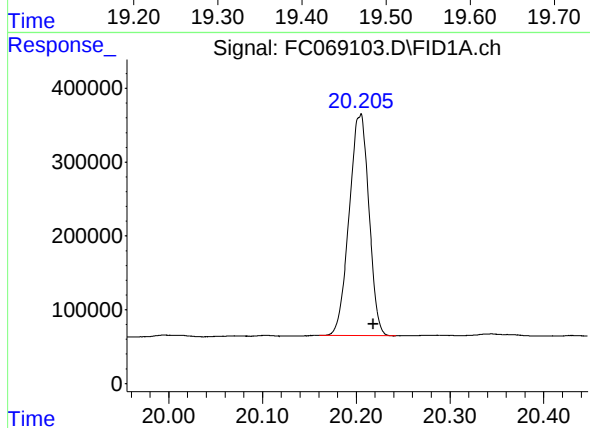
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: -0.016 min
Response: 4322199
Conc: 43.62 ug/ml



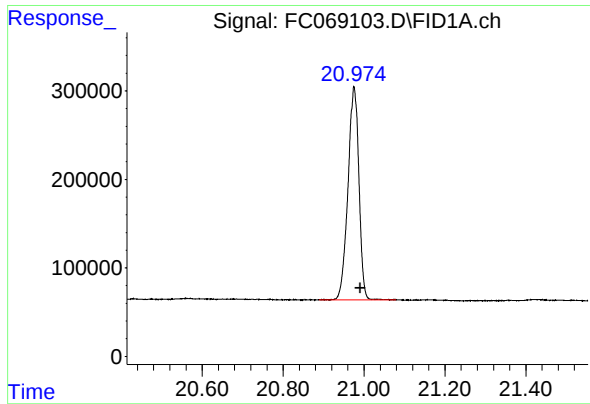
#19 n-Tetatriacontane (C34)

R.T.: 19.461 min
Delta R.T.: -0.014 min
Response: 4475917
Conc: 46.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.204 min
Delta R.T.: -0.014 min
Response: 4392269
Conc: 46.27 ug/ml



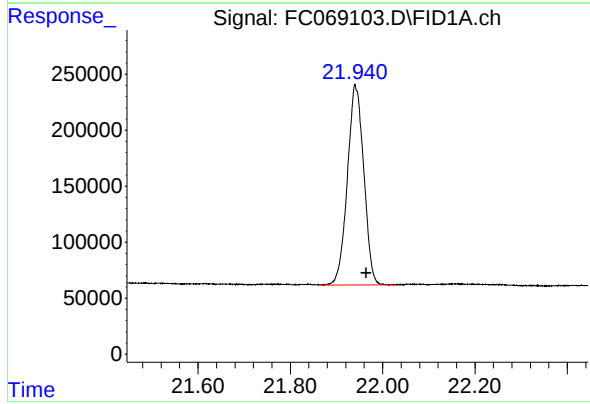
#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: -0.015 min
Response: 4531704
Conc: 49.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: -0.025 min
Response: 4409593
Conc: 49.98 ug/ml m