

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
 Data File : FC069039.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2025 19:46
 Operator : YP/AJ
 Sample : Q2125-05MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GSB5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/29/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
 Quant Time: May 29 07:41:25 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)	11.708	3569626	28.940 ug/ml
Spiked Amount 50.000		Recovery =	57.88%
12) S 1-chlorooctadecane (S...	13.139	2676937	29.839 ug/ml
Spiked Amount 50.000		Recovery =	59.68%
Target Compounds			
1) T n-Nonane (C9)	3.451	3822607	36.020 ug/ml
2) T n-Decane (C10)	4.521	3944064	37.241 ug/ml
3) T A~Naphthalene (C11.7)	6.114	4726143	40.871 ug/ml
4) T n-Dodecane (C12)	6.541	4155031	39.526 ug/ml
5) T A~2-methylnaphthalene...	7.171	4720351	41.637 ug/ml
6) T n-Tetradecane (C14)	8.340	4595913	44.837 ug/ml
7) T n-Hexadecane (C16)	9.941	4659108	45.917 ug/mlm
8) T n-Octadecane (C18)	11.384	3634750	36.368 ug/mlm
10) T n-Eicosane (C20)	12.695	3845415	39.481 ug/ml
11) T n-Heneicosane (C21)	13.306	3431957	35.656 ug/ml
13) T n-Docosane (C22)	13.892	3369132	35.364 ug/ml
14) T n-Tetracosane (C24)	14.989	7122521	75.648 ug/ml
15) T n-Hexacosane (C26)	16.020	3283888	35.371 ug/ml
16) T n-Octacosane (C28)	16.970	3260522	35.077 ug/ml
17) T n-Tricontane (C30)	17.860	3268971	33.785 ug/ml
18) T n-Dotriacontane (C32)	18.692	3311569	33.417 ug/ml
19) T n-Tetratriacontane (C34)	19.477	3495620	36.269 ug/ml
20) T n-Hexatriacontane (C36)	20.219	3499952	36.869 ug/ml
21) T n-Octatriacontane (C38)	20.990	3618681	39.663 ug/ml
22) T n-Tetracontane (C40)	21.964	3582628	40.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: autoint1.e

Quant Time: May 29 07:41:25 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

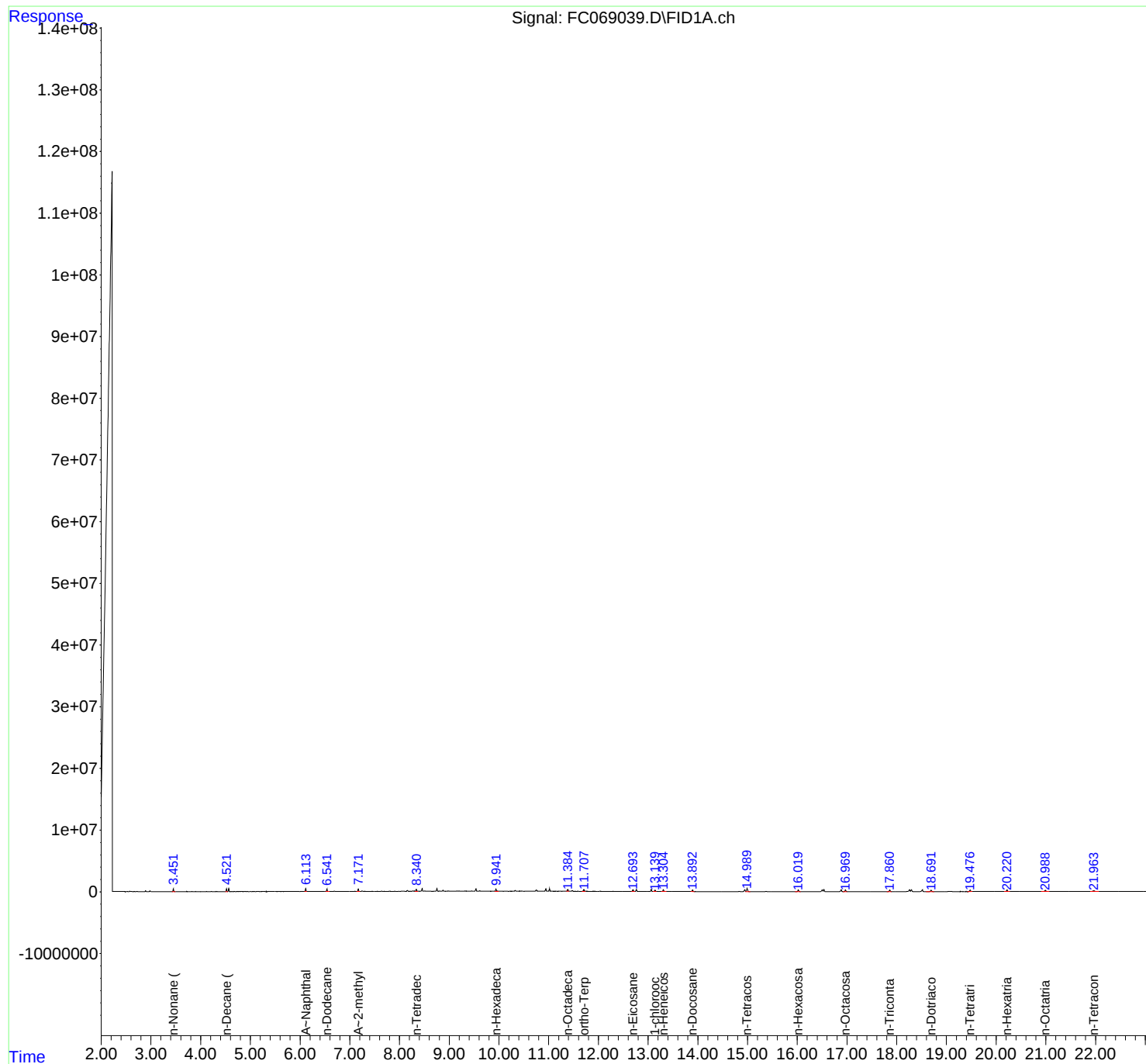
Response via : Initial Calibration

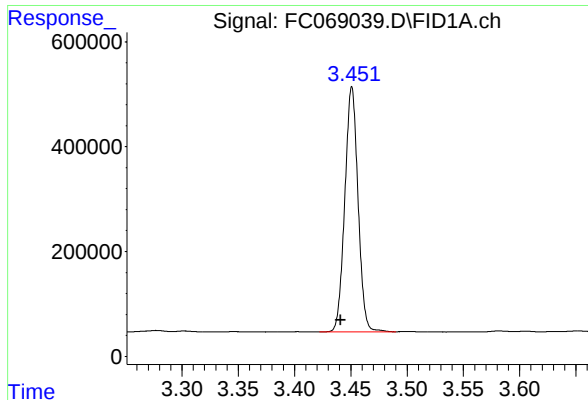
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





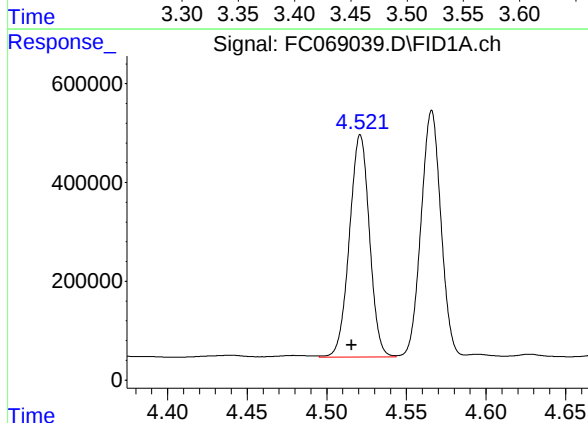
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.010 min
Response: 3822607
Conc: 36.02 ug/ml

Instrument :
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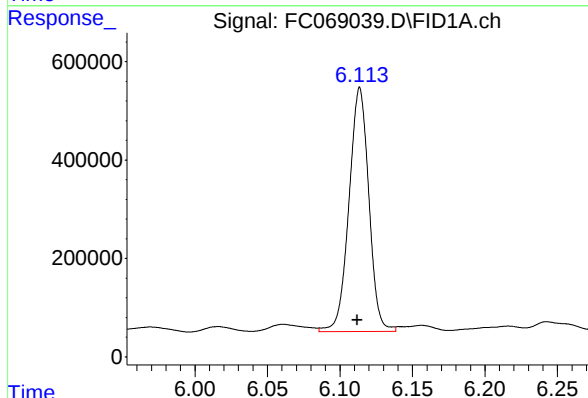
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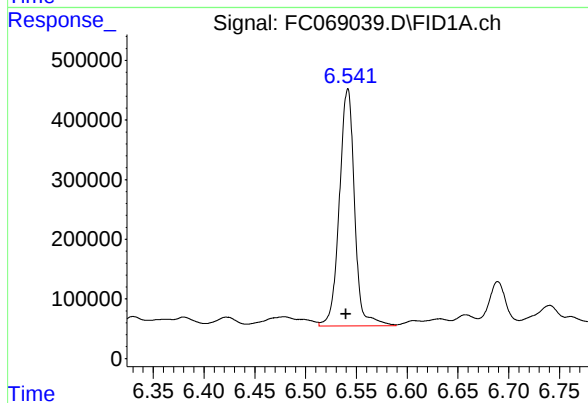
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 3944064
Conc: 37.24 ug/ml



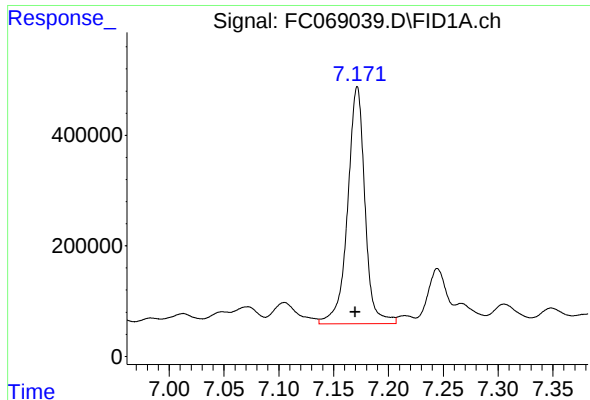
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.002 min
Response: 4726143
Conc: 40.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: 0.002 min
Response: 4155031
Conc: 39.53 ug/ml



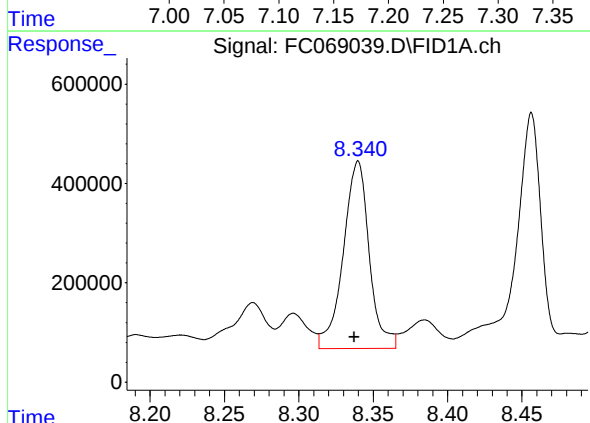
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.171 min
Delta R.T.: 0.002 min
Response: 4720351
Conc: 41.64 ug/ml

Instrument :
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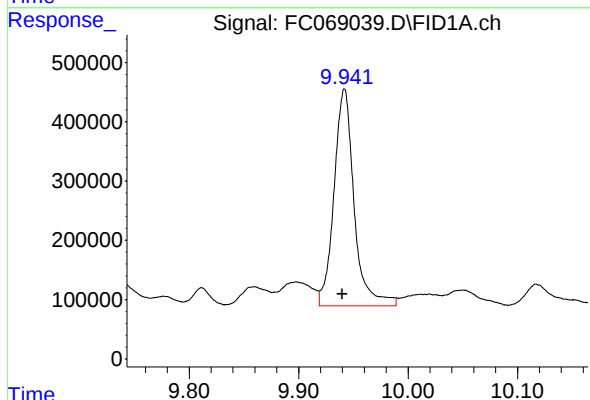
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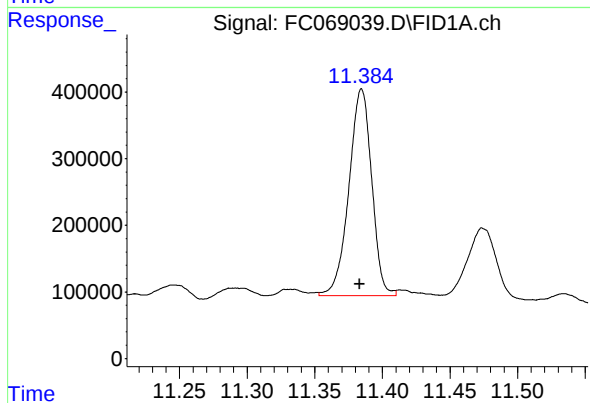
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.002 min
Response: 4595913
Conc: 44.84 ug/ml



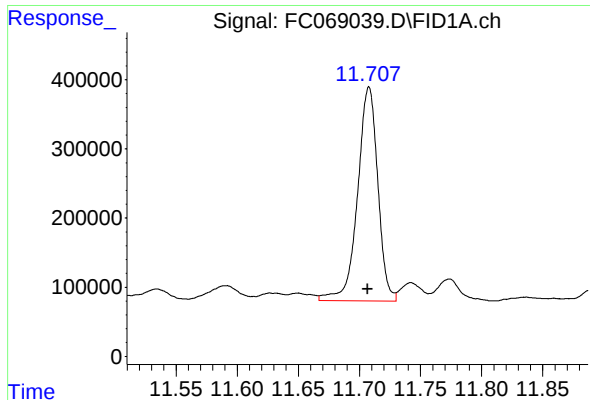
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: 0.001 min
Response: 4659108
Conc: 45.92 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.384 min
Delta R.T.: 0.000 min
Response: 3634750
Conc: 36.37 ug/ml m



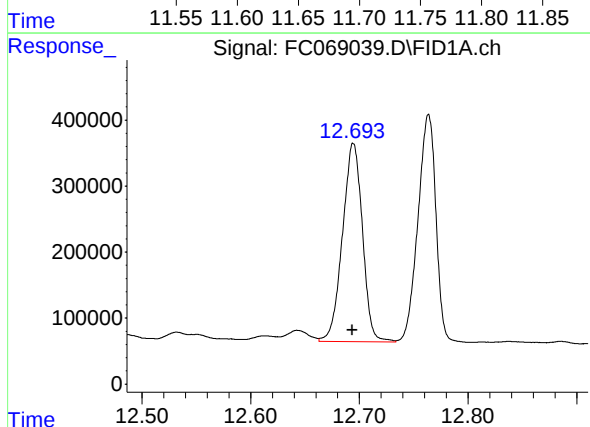
#9 ortho-Terphenyl (SURR)

R.T.: 11.708 min
Delta R.T.: 0.000 min
Response: 3569626
Conc: 28.94 ug/ml

Instrument :
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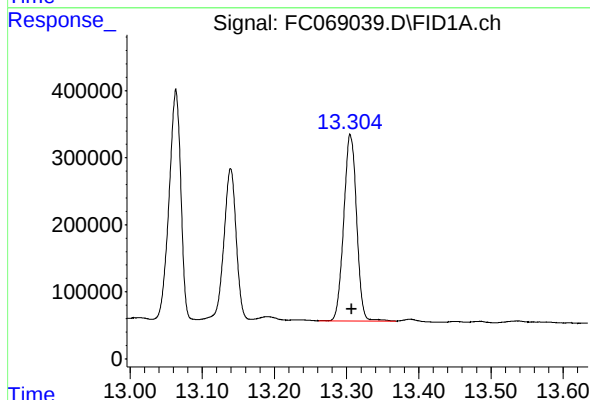
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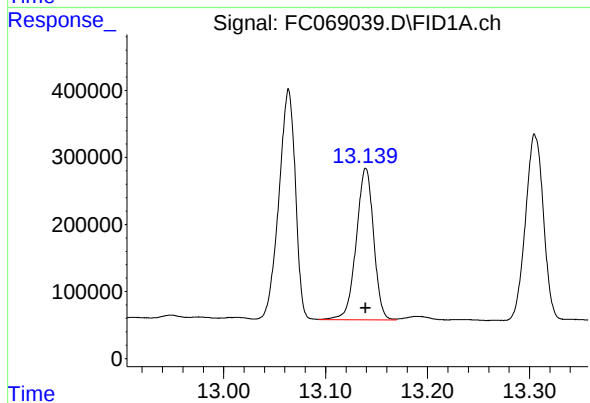
#10 n-Eicosane (C20)

R.T.: 12.695 min
Delta R.T.: 0.000 min
Response: 3845415
Conc: 39.48 ug/ml



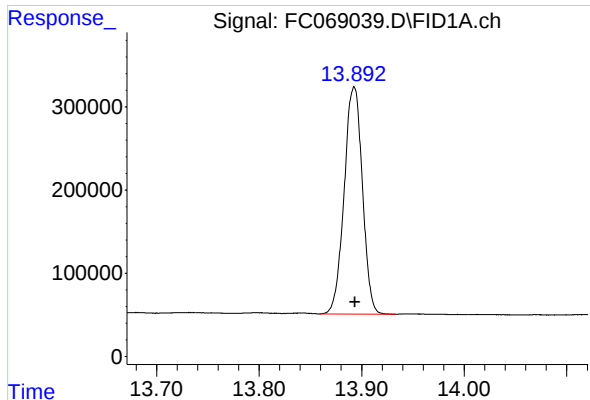
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.001 min
Response: 3431957
Conc: 35.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.139 min
Delta R.T.: 0.000 min
Response: 2676937
Conc: 29.84 ug/ml



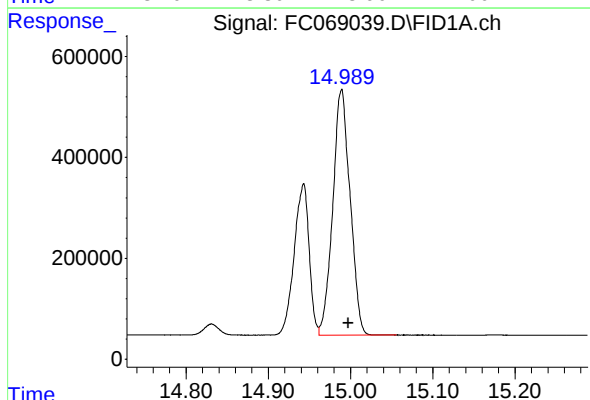
#13 n-Docosane (C22)

R.T.: 13.892 min
Delta R.T.: 0.000 min
Response: 3369132
Conc: 35.36 ug/ml

Instrument :
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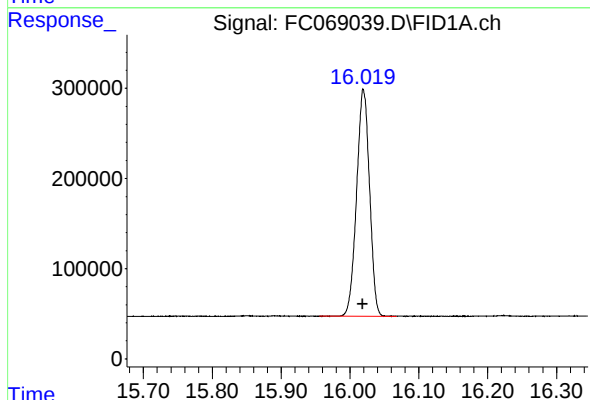
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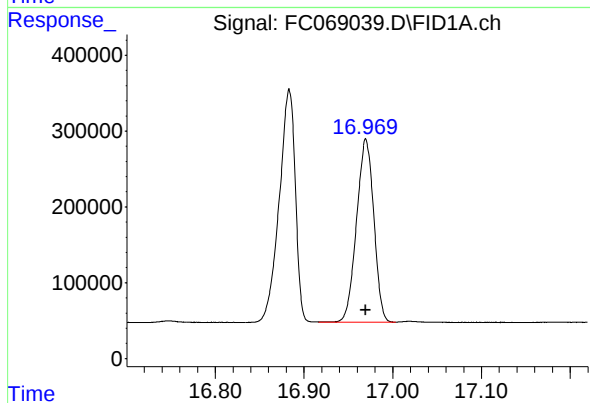
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.008 min
Response: 7122521
Conc: 75.65 ug/ml



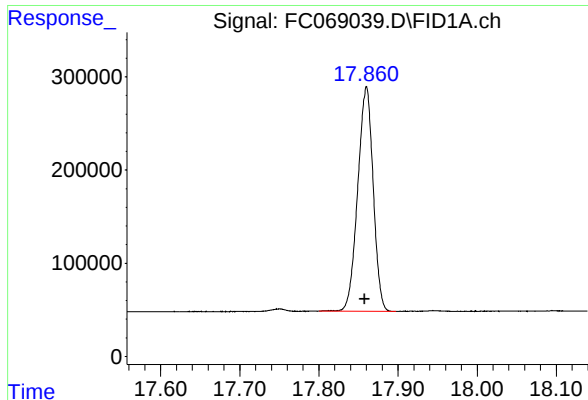
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: 0.001 min
Response: 3283888
Conc: 35.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: 0.000 min
Response: 3260522
Conc: 35.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 3268971
Conc: 33.79 ug/ml

Instrument :

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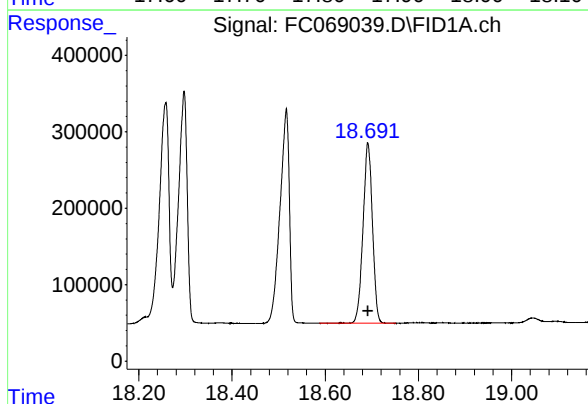
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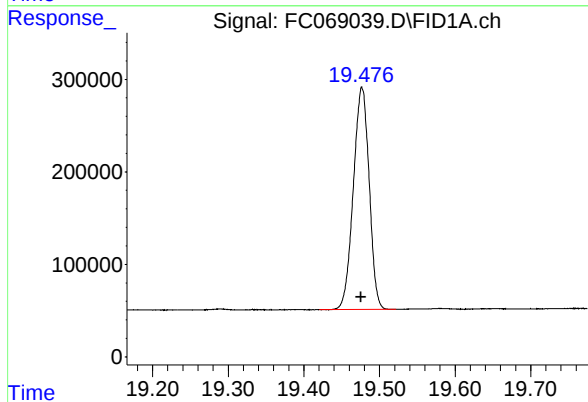
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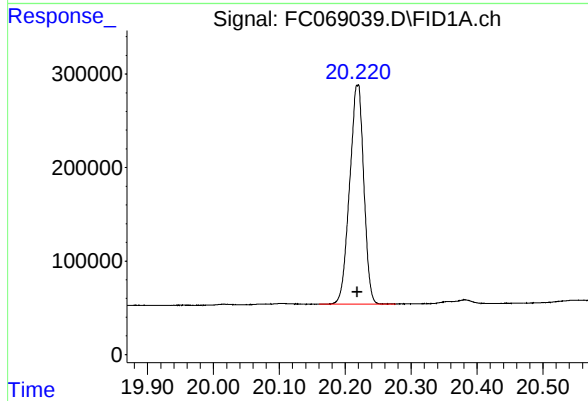
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: 0.000 min
Response: 3311569
Conc: 33.42 ug/ml



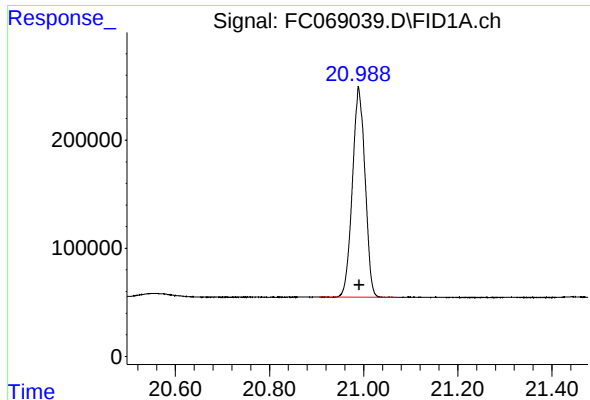
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: 0.001 min
Response: 3495620
Conc: 36.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: 0.000 min
Response: 3499952
Conc: 36.87 ug/ml



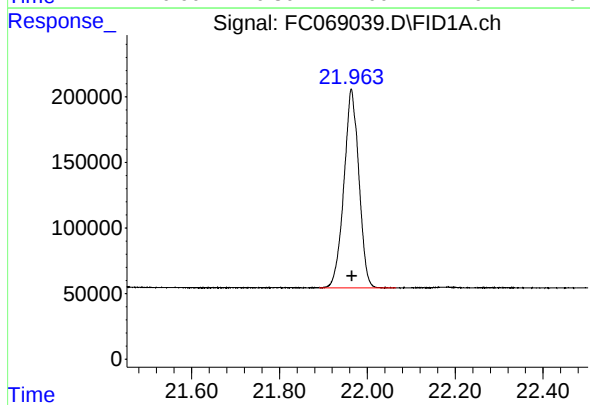
#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: -0.001 min
Response: 3618681
Conc: 39.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.001 min
Response: 3582628
Conc: 40.60 ug/ml