

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069088.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2025 17:58
 Operator : YP/AJ
 Sample : PB168297BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168297BSD

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 04:11:31 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	4581655	37.145 ug/ml
Spiked Amount 50.000		Recovery =	74.29%
12) S 1-chlorooctadecane (S...	13.115	3531514	39.364 ug/ml
Spiked Amount 50.000		Recovery =	78.73%
Target Compounds			
1) T n-Nonane (C9)	3.409	4275729	40.290 ug/ml
2) T n-Decane (C10)	4.481	4445134	41.972 ug/mlm
3) T A~Naphthalene (C11.7)	6.074	5151171	44.547 ug/ml
4) T n-Dodecane (C12)	6.505	4410822	41.959 ug/ml
5) T A~2-methylnaphthalene...	7.134	4662805	41.129 ug/ml
6) T n-Tetradecane (C14)	8.307	4227555	41.243 ug/ml
7) T n-Hexadecane (C16)	9.911	4141839	40.819 ug/ml
8) T n-Octadecane (C18)	11.357	4020510	40.228 ug/mlm
10) T n-Eicosane (C20)	12.669	4060854	41.693 ug/ml
11) T n-Heneicosane (C21)	13.283	3888217	40.396 ug/ml
13) T n-Docosane (C22)	13.870	3849200	40.404 ug/ml
14) T n-Tetracosane (C24)	14.964	8268275	87.818 ug/ml
15) T n-Hexacosane (C26)	16.000	3801158	40.942 ug/ml
16) T n-Octacosane (C28)	16.950	3816590	41.060 ug/ml
17) T n-Tricontane (C30)	17.841	3822319	39.504 ug/ml
18) T n-Dotriacontane (C32)	18.675	3854911	38.900 ug/ml
19) T n-Tetratriacontane (C34)	19.461	4051967	42.042 ug/ml
20) T n-Hexatriacontane (C36)	20.203	4052507	42.690 ug/ml
21) T n-Octatriacontane (C38)	20.971	4239654	46.470 ug/ml
22) T n-Tetracontane (C40)	21.942	4246284	48.125 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168297BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

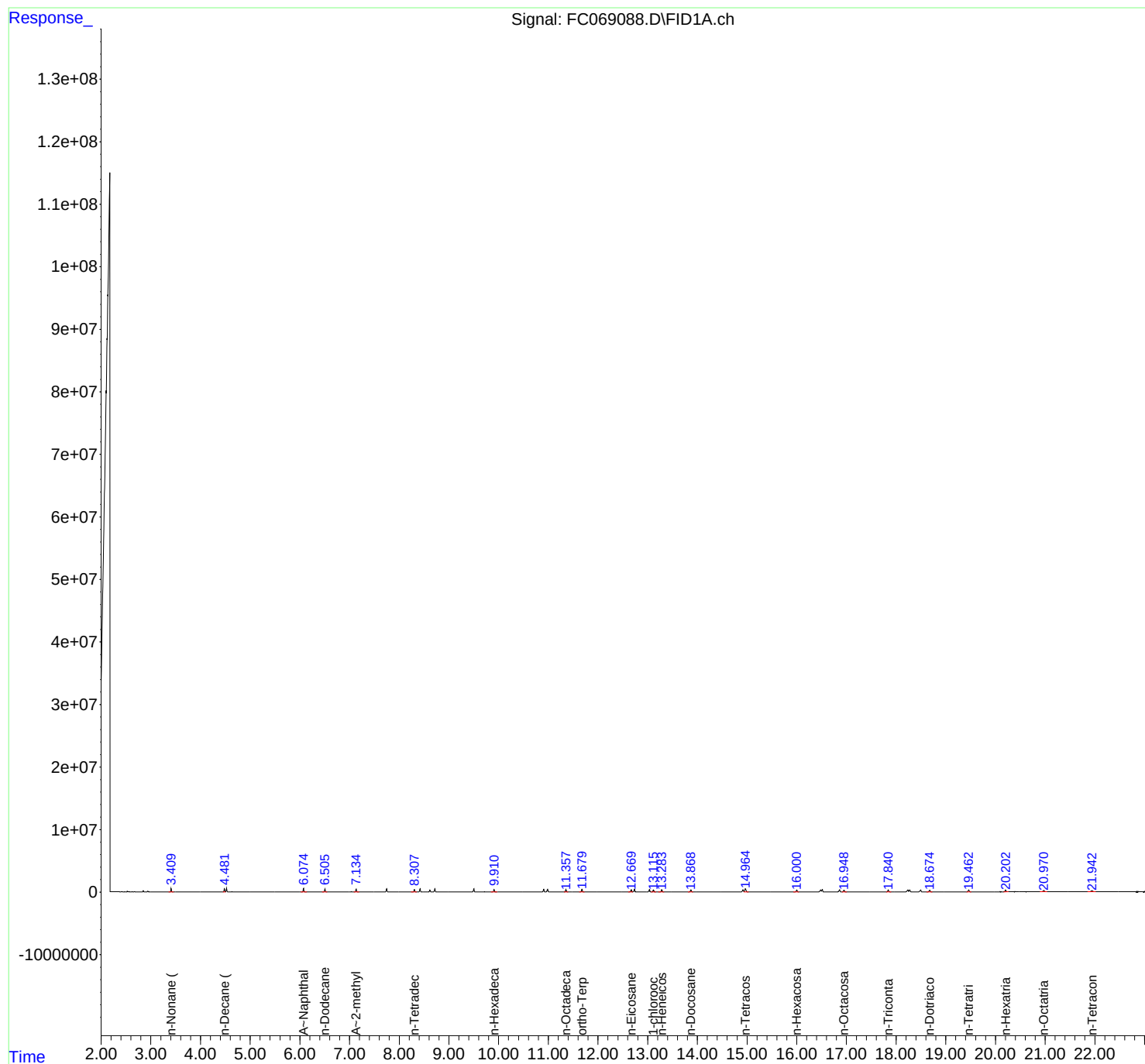
Instrument :
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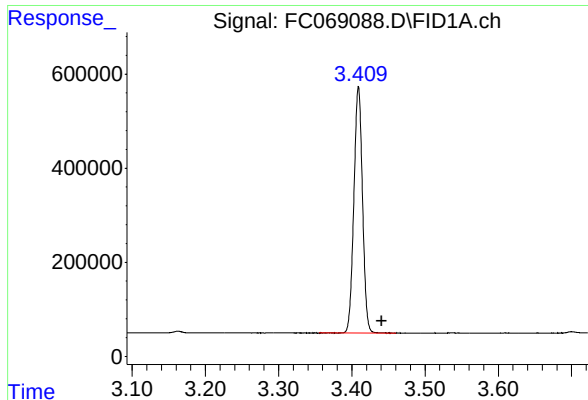
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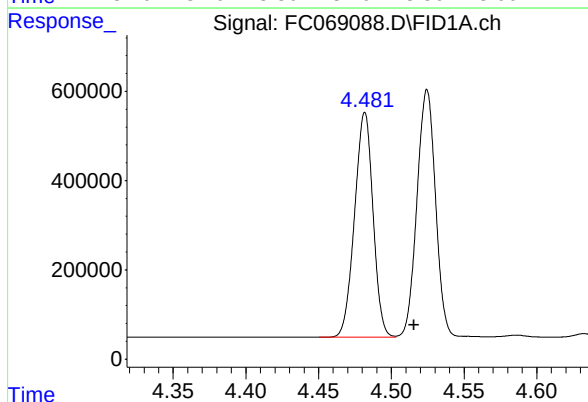
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.032 min
Response: 4275729
Conc: 40.29 ug/ml

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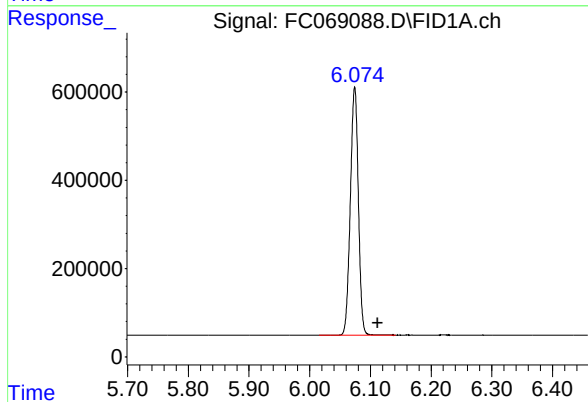
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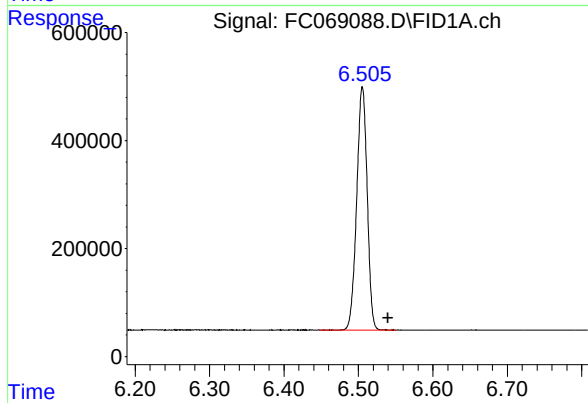
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.034 min
Response: 4445134
Conc: 41.97 ug/ml



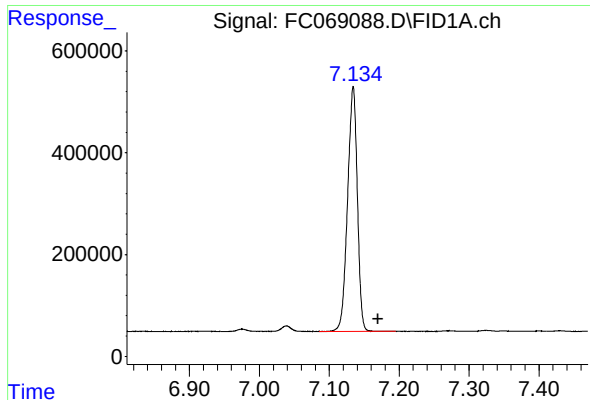
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.038 min
Response: 5151171
Conc: 44.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.034 min
Response: 4410822
Conc: 41.96 ug/ml



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

R.T.: 7.134 min
Delta R.T.: -0.036 min
Response: 4662805
Conc: 41.13 ug/ml

Instrument :

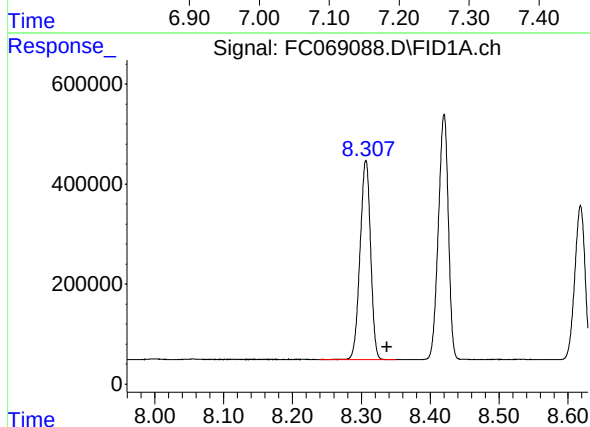
FID_C

ClientSampleId :

PB168297BSD

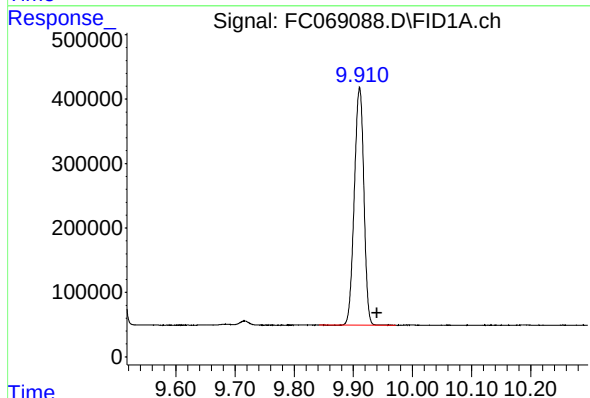
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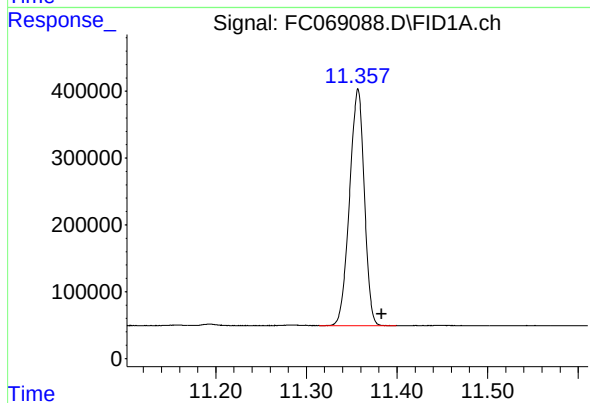
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.031 min
Response: 4227555
Conc: 41.24 ug/ml



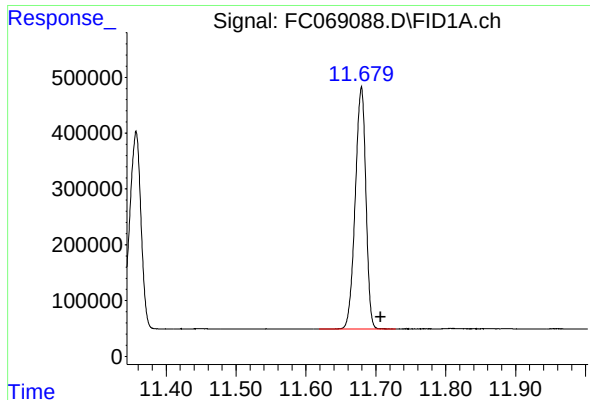
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.029 min
Response: 4141839
Conc: 40.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.027 min
Response: 4020510
Conc: 40.23 ug/ml m



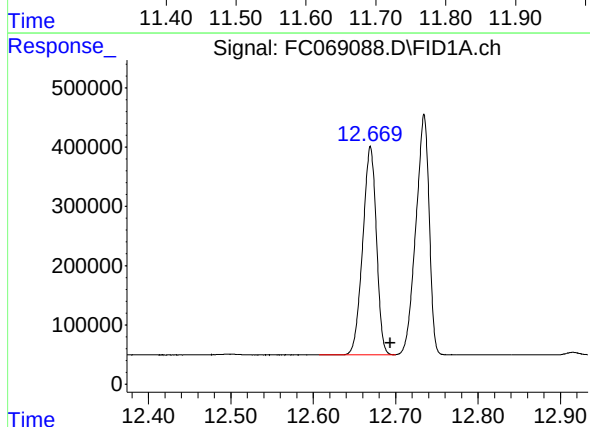
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.028 min
Response: 4581655
Conc: 37.15 ug/ml

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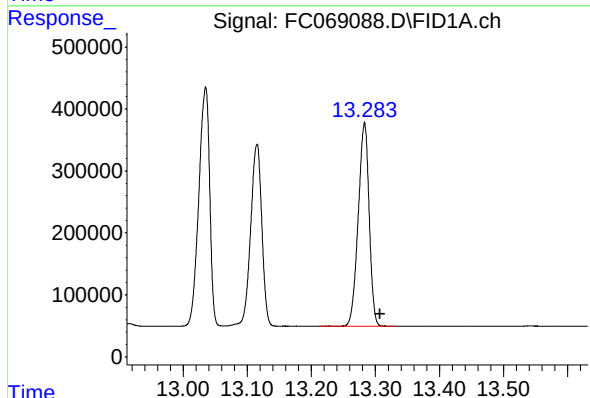
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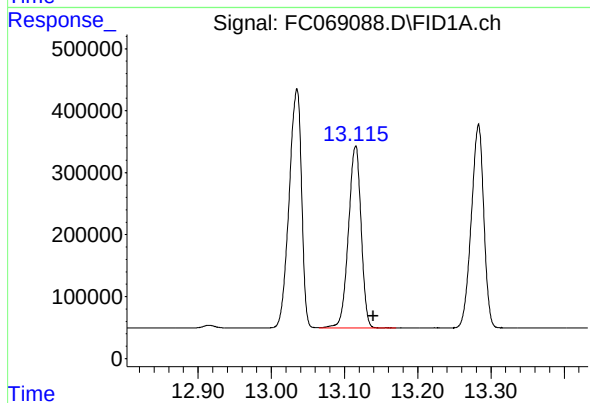
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.024 min
Response: 4060854
Conc: 41.69 ug/ml



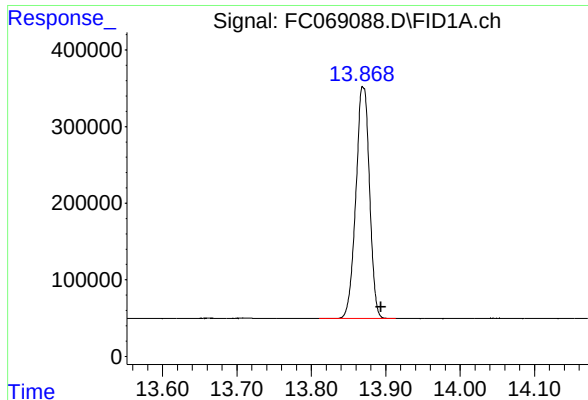
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: -0.024 min
Response: 3888217
Conc: 40.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 3531514
Conc: 39.36 ug/ml



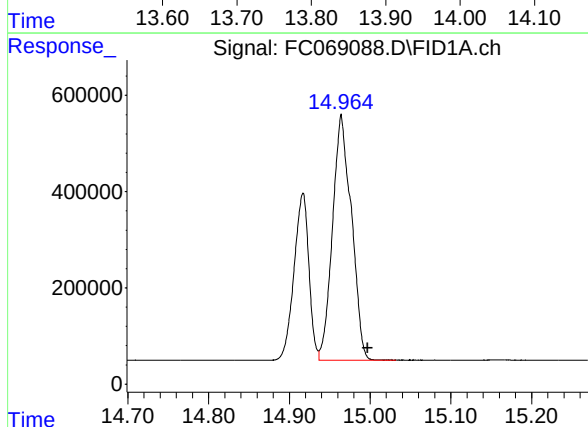
#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: -0.024 min
Response: 3849200
Conc: 40.40 ug/ml

Instrument :
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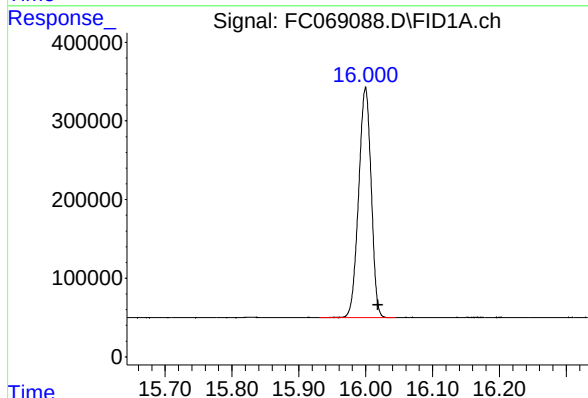
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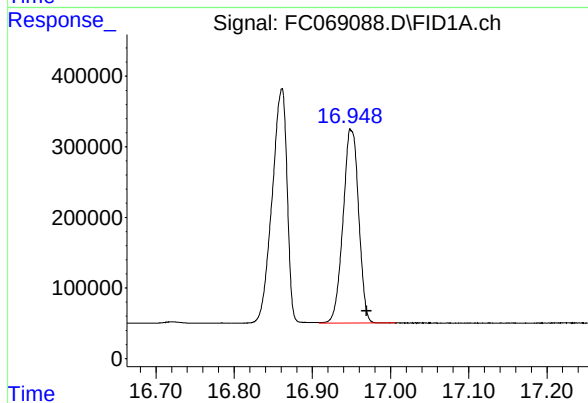
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.033 min
Response: 8268275
Conc: 87.82 ug/ml



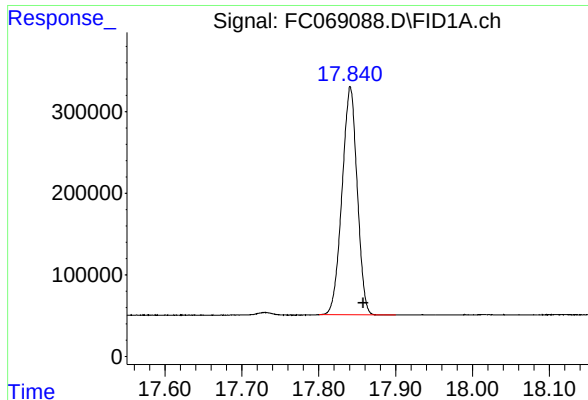
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.019 min
Response: 3801158
Conc: 40.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3816590
Conc: 41.06 ug/ml



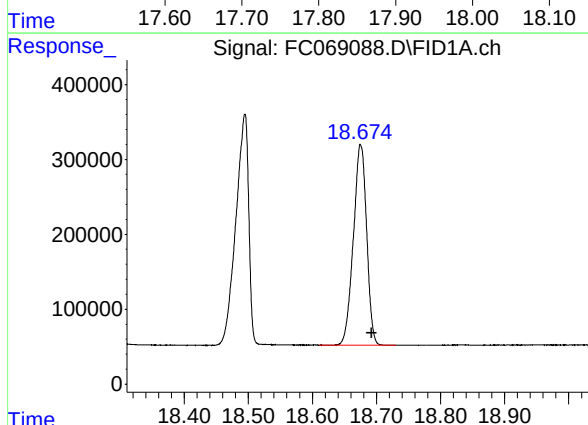
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.017 min
Response: 3822319
Conc: 39.50 ug/ml

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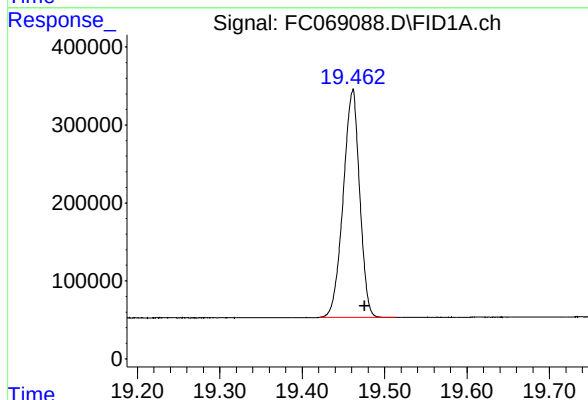
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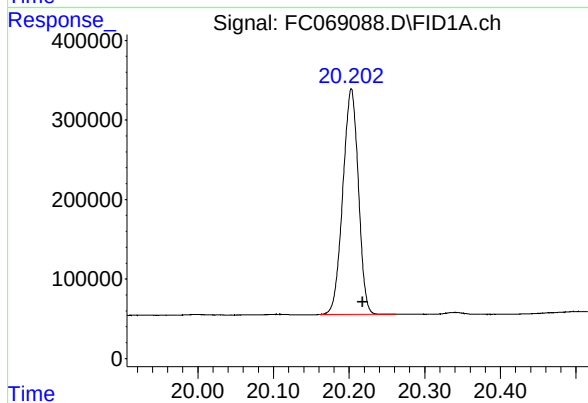
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.017 min
Response: 3854911
Conc: 38.90 ug/ml



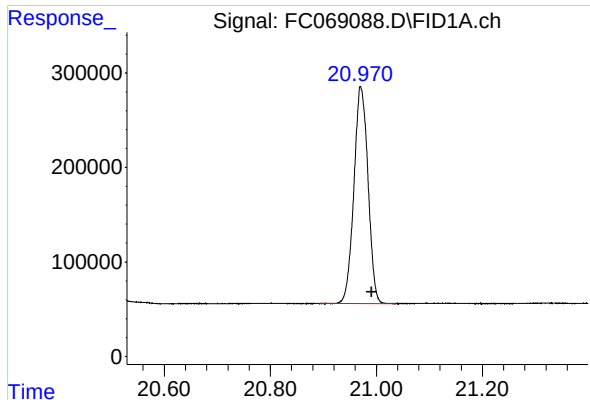
#19 n-Tetatriacontane (C34)

R.T.: 19.461 min
Delta R.T.: -0.015 min
Response: 4051967
Conc: 42.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.203 min
Delta R.T.: -0.015 min
Response: 4052507
Conc: 42.69 ug/ml



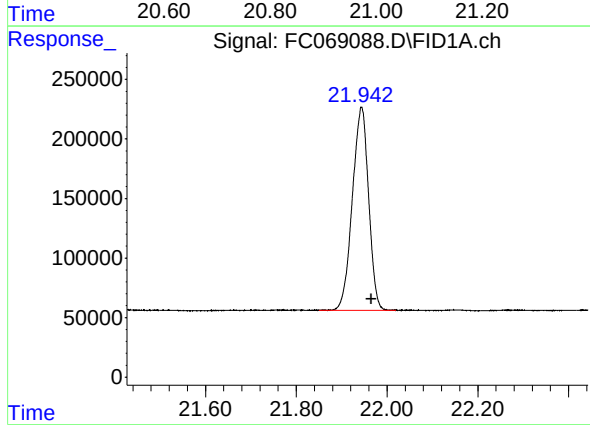
#21 n-Octatriacontane (C38)

R.T.: 20.971 min
Delta R.T.: -0.020 min
Response: 4239654
Conc: 46.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 4246284
Conc: 48.12 ug/ml m