

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060925AL\
 Data File : FC069143.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2025 23:41
 Operator : YP/AJ
 Sample : PB168341BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168341BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File: autoint1.e
 Quant Time: Jun 10 05:26:15 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	4910852	39.814 ug/ml
Spiked Amount 50.000		Recovery =	79.63%
12) S 1-chlorooctadecane (S...	13.116	3738092	41.667 ug/ml
Spiked Amount 50.000		Recovery =	83.33%
Target Compounds			
1) T n-Nonane (C9)	3.414	5378504	50.682 ug/ml
2) T n-Decane (C10)	4.486	5708239	53.898 ug/mlm
3) T A~Naphthalene (C11.7)	6.078	6699777	57.939 ug/ml
4) T n-Dodecane (C12)	6.509	5732167	54.529 ug/ml
5) T A~2-methylnaphthalene...	7.137	6088553	53.705 ug/ml
6) T n-Tetradecane (C14)	8.309	5488578	53.545 ug/ml
7) T n-Hexadecane (C16)	9.913	5402249	53.241 ug/ml
8) T n-Octadecane (C18)	11.359	5227901	52.308 ug/ml
10) T n-Eicosane (C20)	12.672	5314371	54.563 ug/ml
11) T n-Heneicosane (C21)	13.284	5087471	52.855 ug/ml
13) T n-Docosane (C22)	13.872	5036634	52.868 ug/ml
14) T n-Tetracosane (C24)	14.970	10924703	116.032 ug/ml
15) T n-Hexacosane (C26)	16.003	4997618	53.830 ug/ml
16) T n-Octacosane (C28)	16.952	5038680	54.207 ug/ml
17) T n-Tricontane (C30)	17.845	5083390	52.537 ug/ml
18) T n-Dotriacontane (C32)	18.678	5145205	51.920 ug/ml
19) T n-Tetratriacontane (C34)	19.463	5394750	55.974 ug/ml
20) T n-Hexatriacontane (C36)	20.206	5340167	56.254 ug/ml
21) T n-Octatriacontane (C38)	20.976	5366557	58.821 ug/ml
22) T n-Tetracontane (C40)	21.947	5004966	56.723 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 18 Sample Multiplier: 1

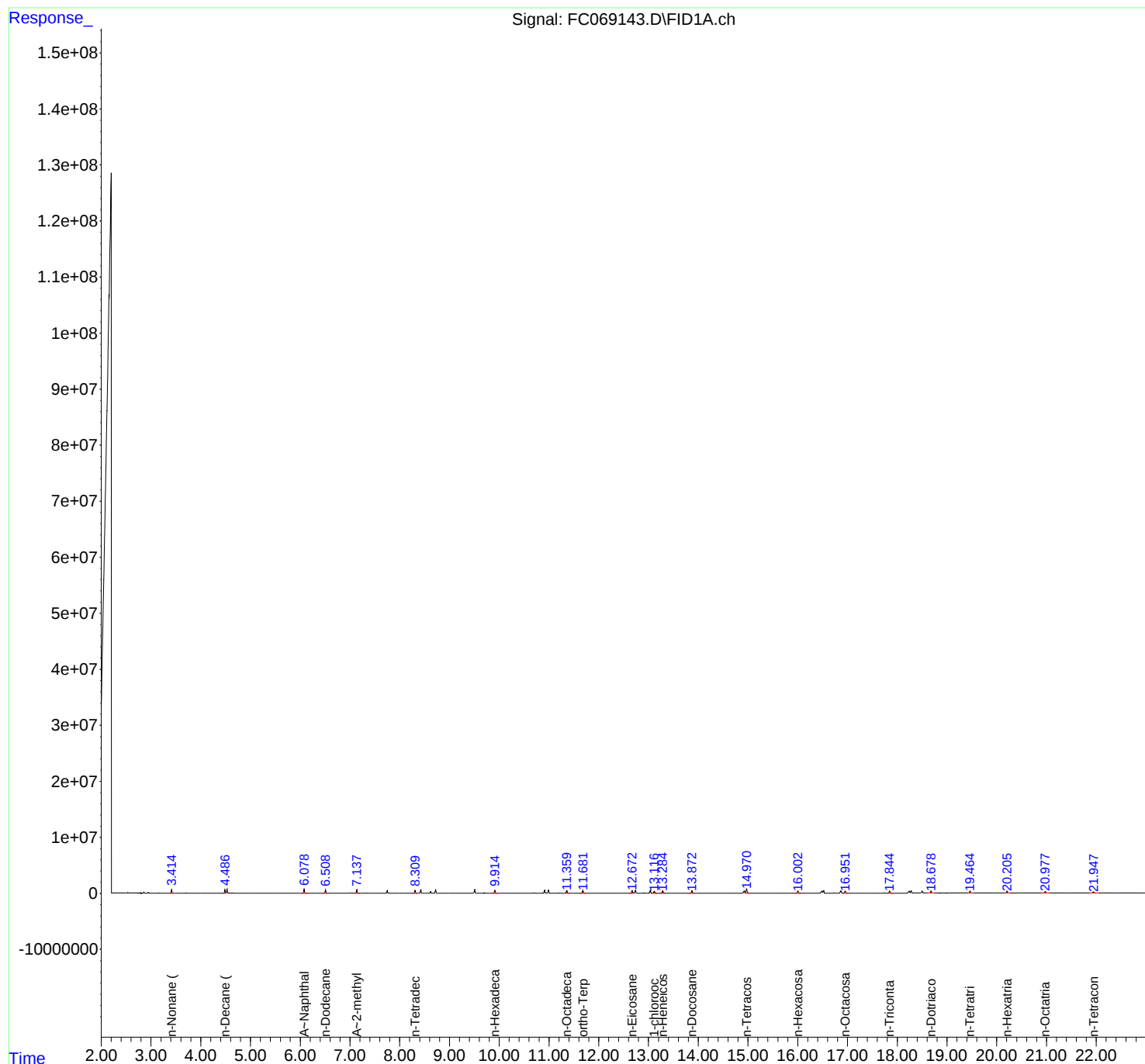
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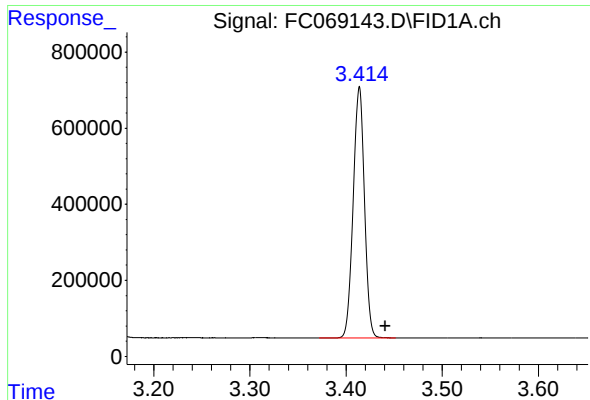
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#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: -0.027 min
Response: 5378504
Conc: 50.68 ug/ml

Instrument :

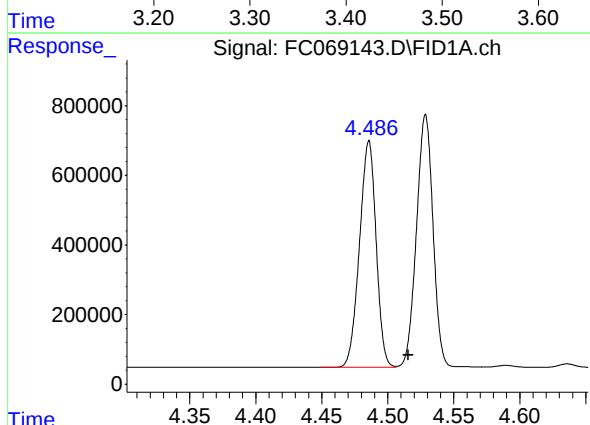
FID_C

ClientSampleId :

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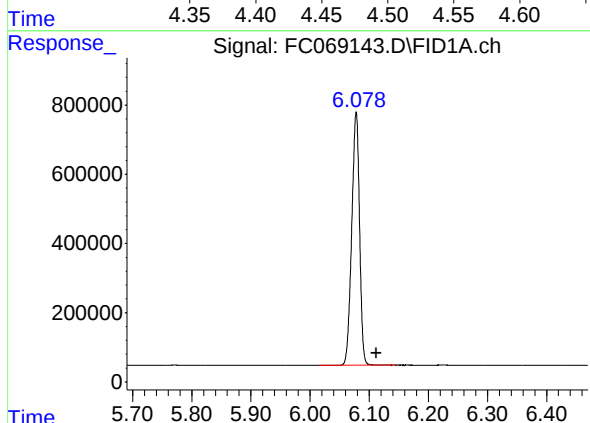
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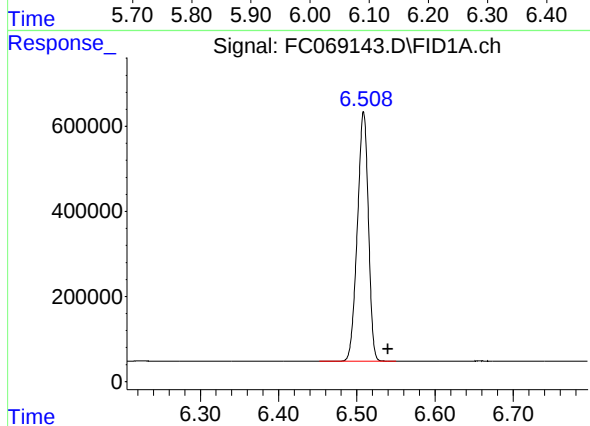
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.030 min
Response: 5708239
Conc: 53.90 ug/ml



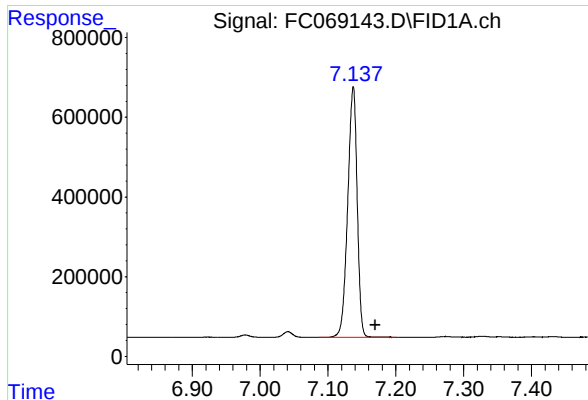
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.034 min
Response: 6699777
Conc: 57.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.031 min
Response: 5732167
Conc: 54.53 ug/ml



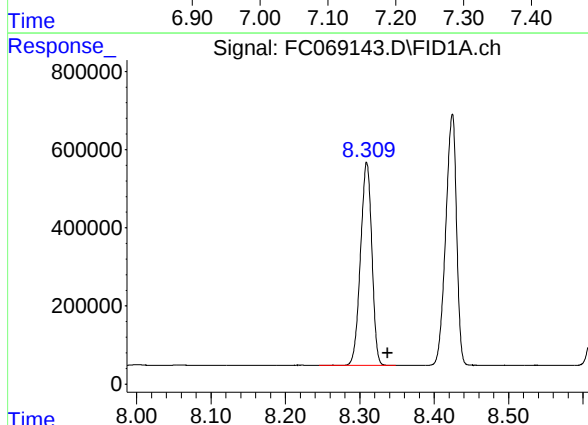
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: -0.033 min
Response: 6088553
Conc: 53.71 ug/ml

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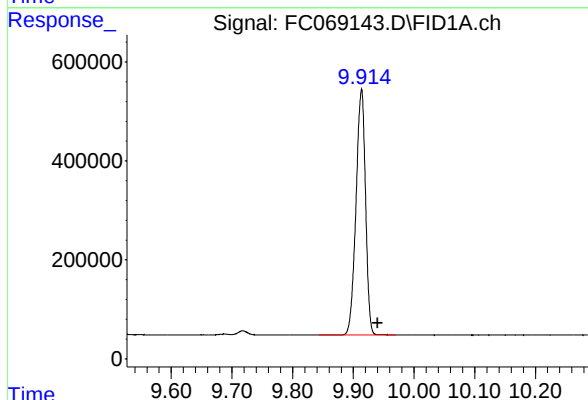
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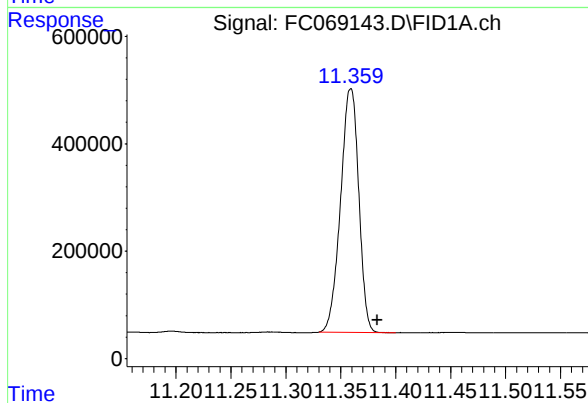
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.028 min
Response: 5488578
Conc: 53.55 ug/ml



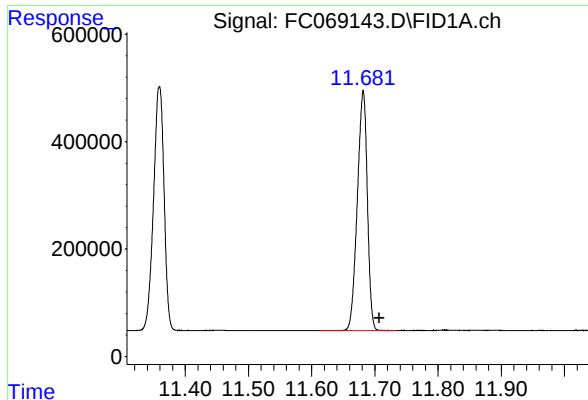
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.027 min
Response: 5402249
Conc: 53.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.024 min
Response: 5227901
Conc: 52.31 ug/ml



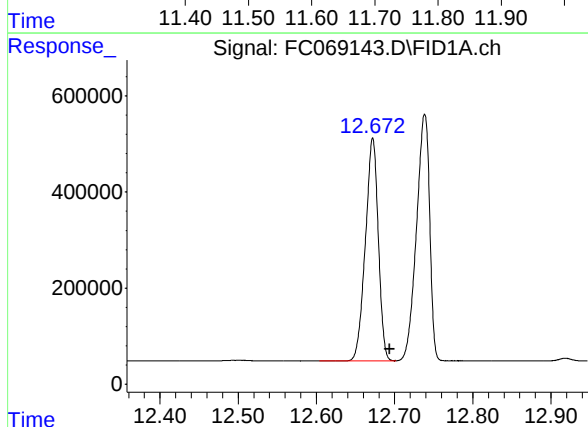
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.025 min
Response: 4910852
Conc: 39.81 ug/ml

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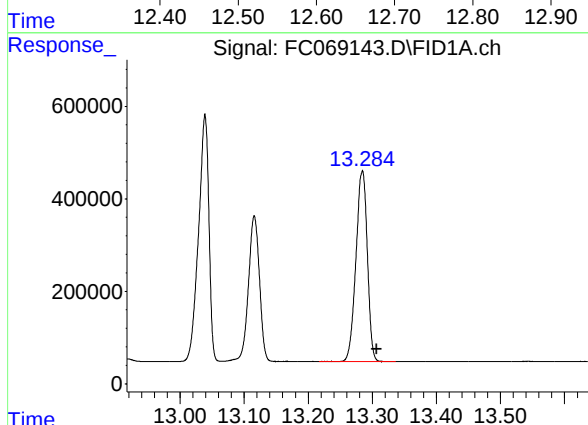
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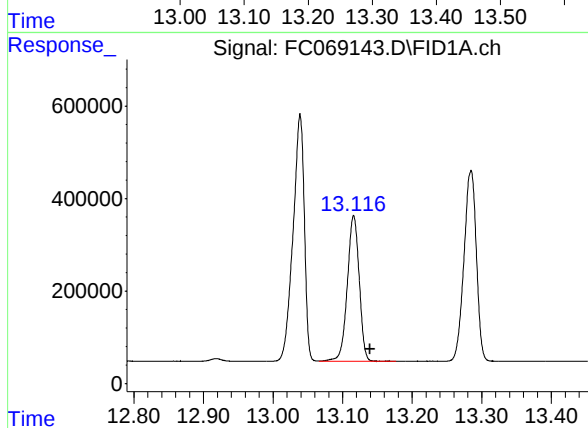
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: -0.022 min
Response: 5314371
Conc: 54.56 ug/ml



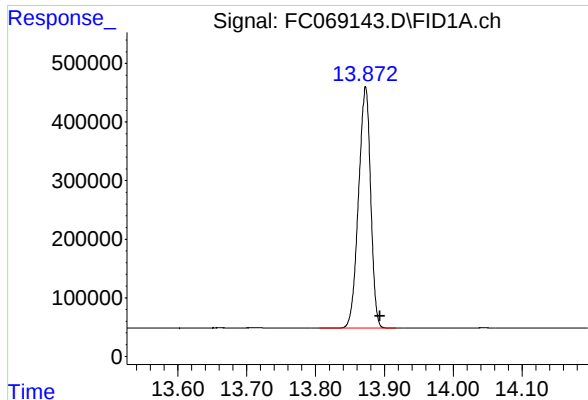
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.023 min
Response: 5087471
Conc: 52.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: -0.023 min
Response: 3738092
Conc: 41.67 ug/ml



#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: -0.021 min
Response: 5036634
Conc: 52.87 ug/ml

Instrument :

FID_C

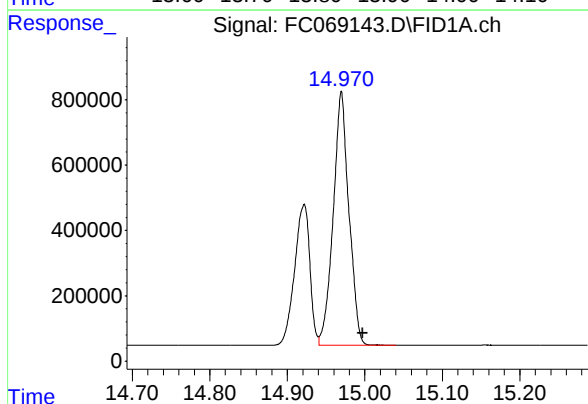
ClientSampleId :

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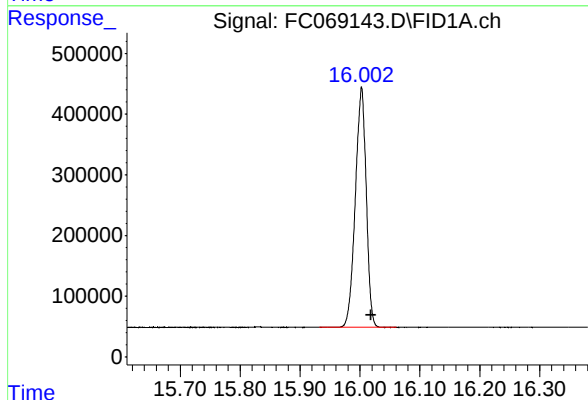
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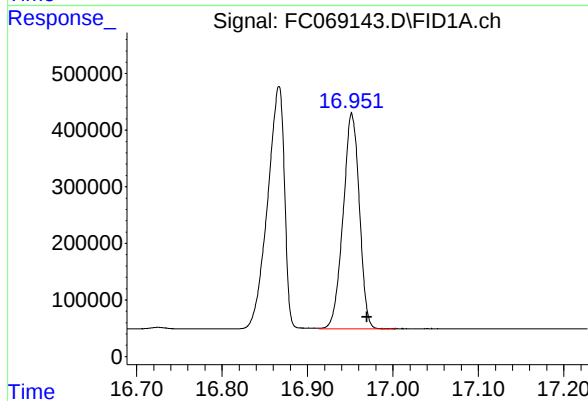
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: -0.027 min
Response: 10924703
Conc: 116.03 ug/ml



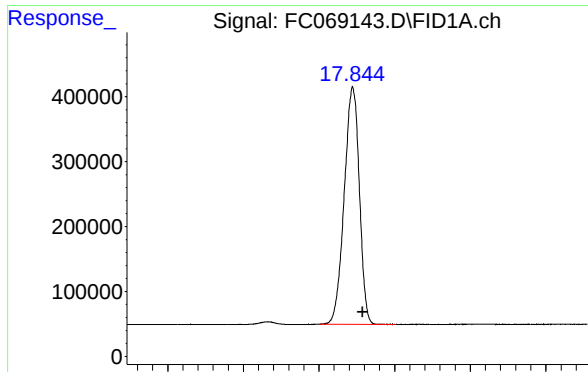
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.016 min
Response: 4997618
Conc: 53.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.018 min
Response: 5038680
Conc: 54.21 ug/ml



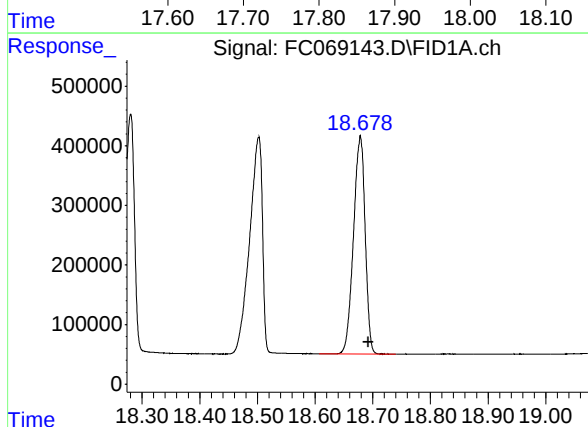
#17 n-Tricontane (C30)

R.T.: 17.845 min
Delta R.T.: -0.013 min
Response: 5083390
Conc: 52.54 ug/ml

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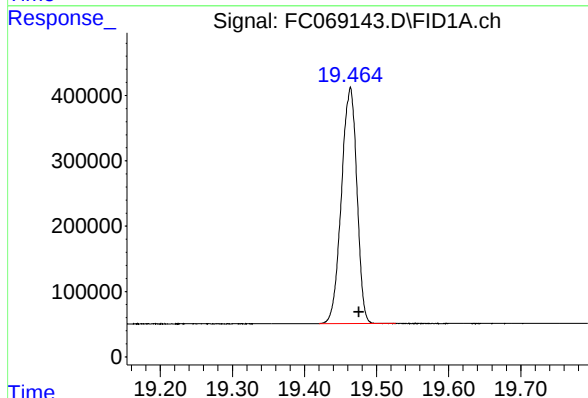
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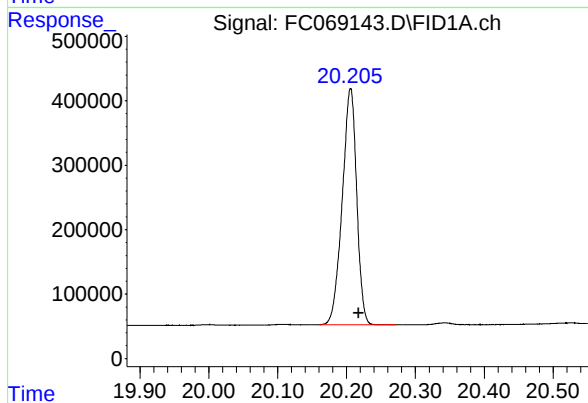
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: -0.014 min
Response: 5145205
Conc: 51.92 ug/ml



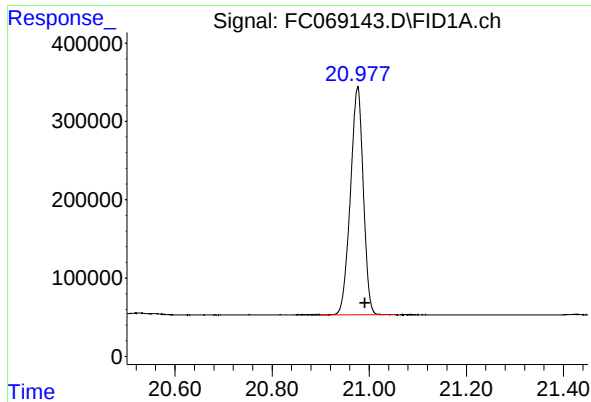
#19 n-Tetatriacontane (C34)

R.T.: 19.463 min
Delta R.T.: -0.012 min
Response: 5394750
Conc: 55.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.012 min
Response: 5340167
Conc: 56.25 ug/ml



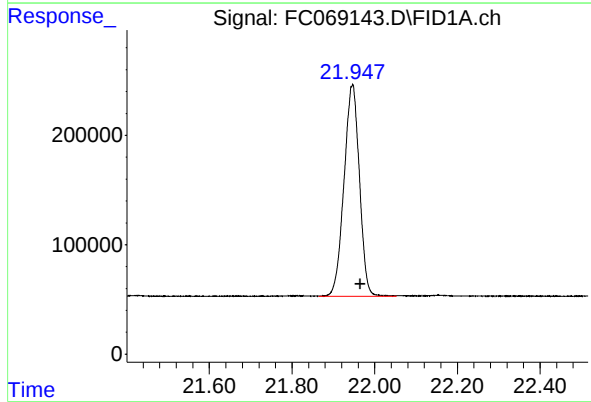
#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: -0.015 min
Response: 5366557
Conc: 58.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.019 min
Response: 5004966
Conc: 56.72 ug/ml m