

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100825AL\
 Data File : FC069947.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2025 11:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 08 06:04:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.643	3703795	21.092 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
12) S 1-chlorooctadecane (S...	13.078	2853943	21.025 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
Target Compounds			
1) T n-Nonane (C9)	3.384	2923237	21.288 ug/ml
2) T n-Decane (C10)	4.455	3070055	21.355 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3453533	21.369 ug/ml
4) T n-Dodecane (C12)	6.477	3262047	21.282 ug/ml
5) T A~2-methylnaphthalene...	7.106	3413711	21.396 ug/ml
6) T n-Tetradecane (C14)	8.275	3384342	21.279 ug/ml
7) T n-Hexadecane (C16)	9.877	3577694	21.230 ug/ml
8) T n-Octadecane (C18)	11.322	3602747	21.177 ug/ml
10) T n-Eicosane (C20)	12.632	3379514	21.065 ug/ml
11) T n-Heneicosane (C21)	13.245	3268098	21.047 ug/ml
13) T n-Docosane (C22)	13.832	3197338	20.776 ug/ml
14) T n-Tetracosane (C24)	14.936	3059989	20.181 ug/ml
15) T n-Hexacosane (C26)	15.957	2884925	19.932 ug/ml
16) T n-Octacosane (C28)	16.908	2722173	19.683 ug/ml
17) T n-Tricontane (C30)	17.796	2674853	19.591 ug/ml
18) T n-Dotriacontane (C32)	18.630	2513467	19.494 ug/ml
19) T n-Tetratriacontane (C34)	19.415	2276161	19.949 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1977953	20.452 ug/ml
21) T n-Octatriacontane (C38)	20.910	1789051	20.526 ug/ml
22) T n-Tetracontane (C40)	21.863	1686007	20.520 ug/ml

(f)=RT Delta > 1/2 Window

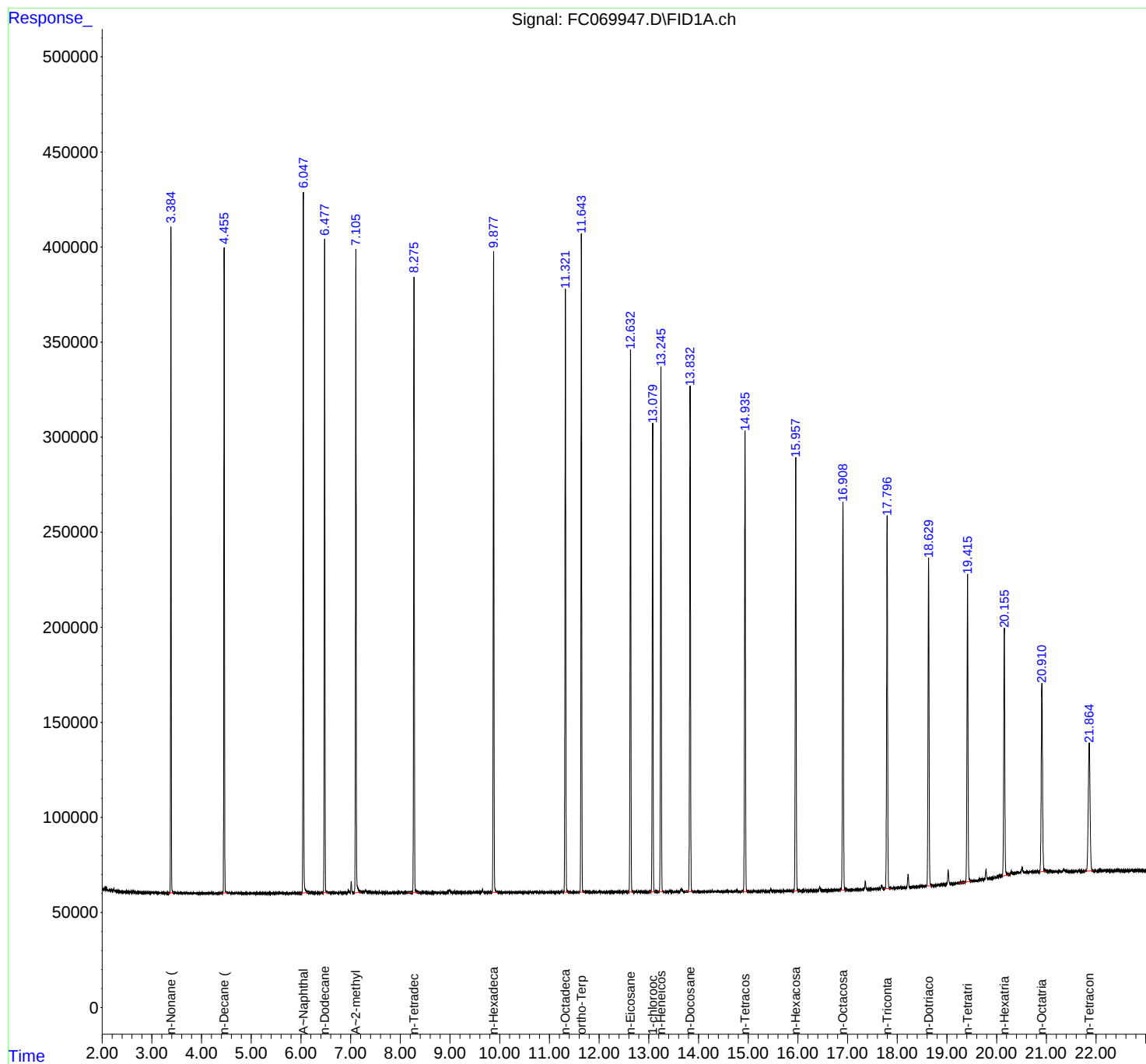
(m)=manual int.

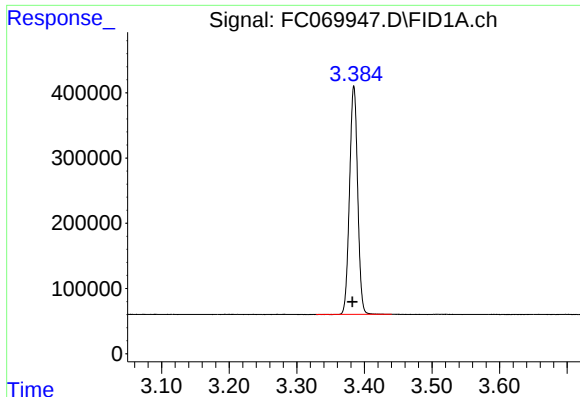
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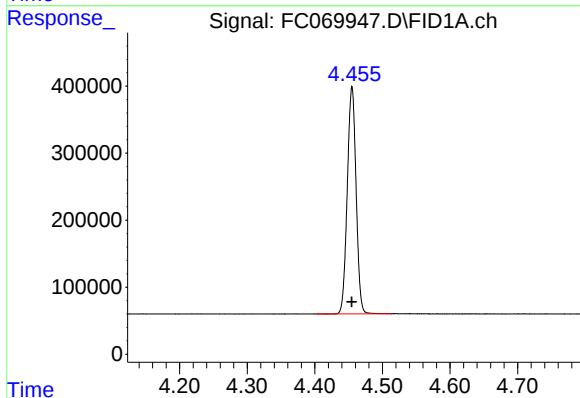




#1 n-Nonane (C9)

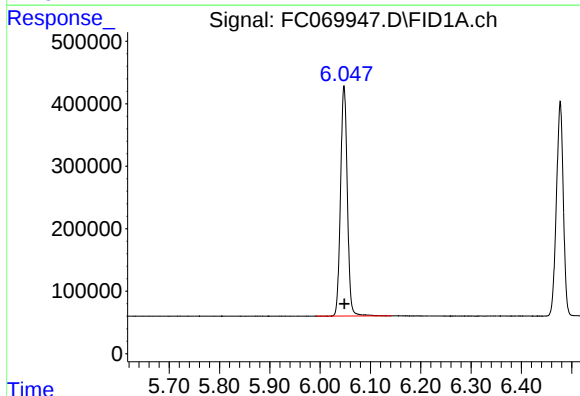
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2923237
Conc: 21.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



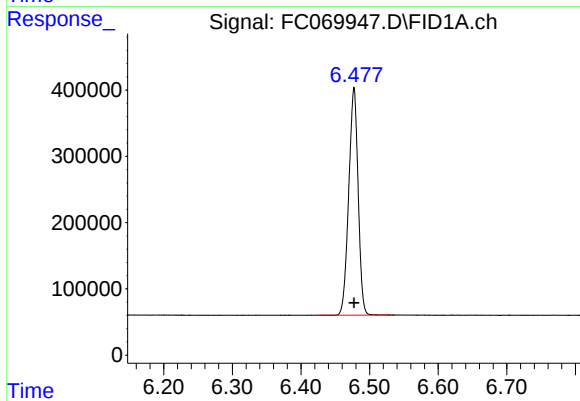
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 3070055
Conc: 21.36 ug/ml



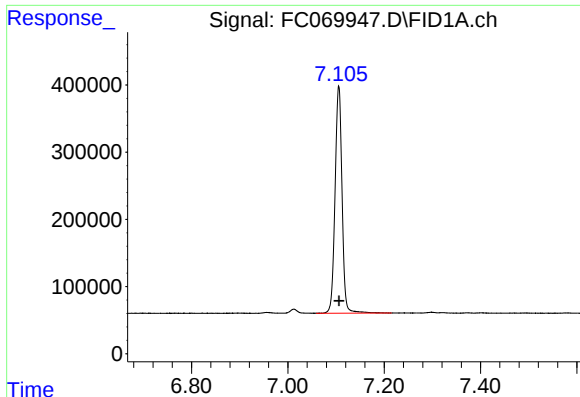
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3453533
Conc: 21.37 ug/ml



#4 n-Dodecane (C12)

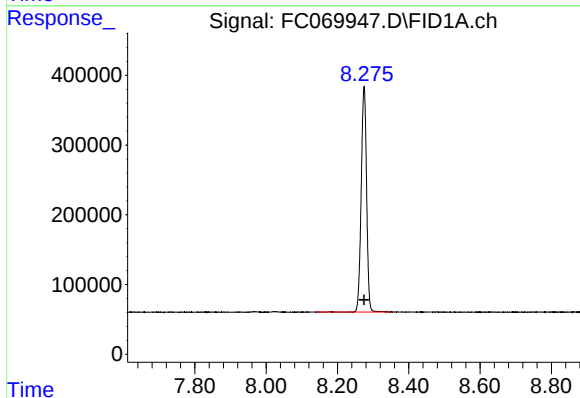
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 3262047
Conc: 21.28 ug/ml



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

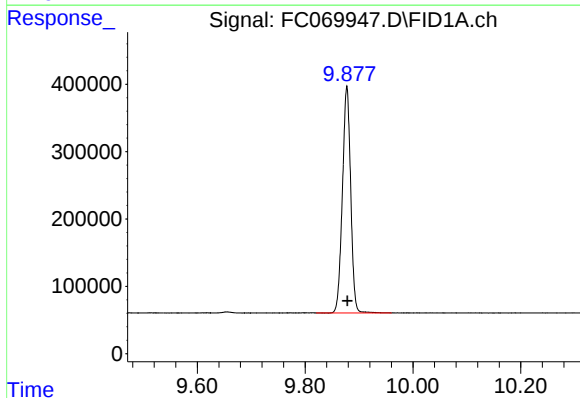
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3413711
Conc: 21.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



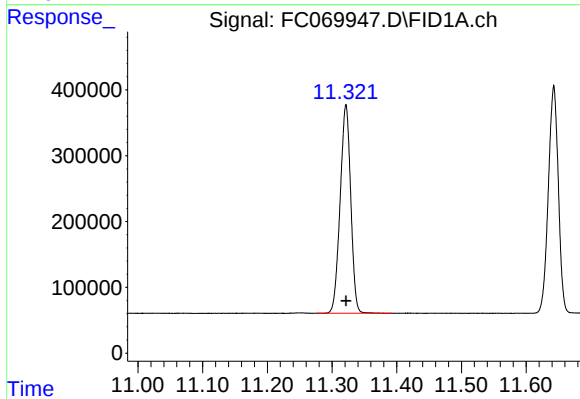
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 3384342
Conc: 21.28 ug/ml



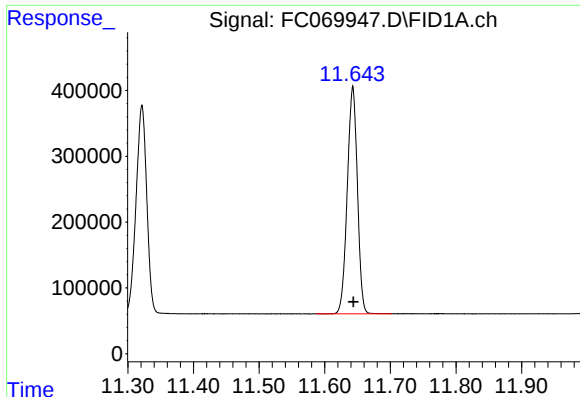
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.001 min
Response: 3577694
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

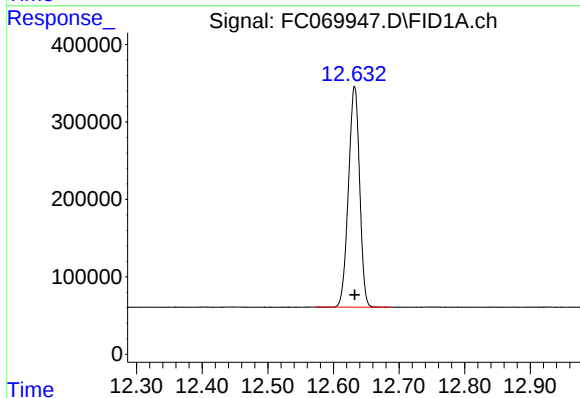
R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3602747
Conc: 21.18 ug/ml



#9 ortho-Terphenyl (SURR)

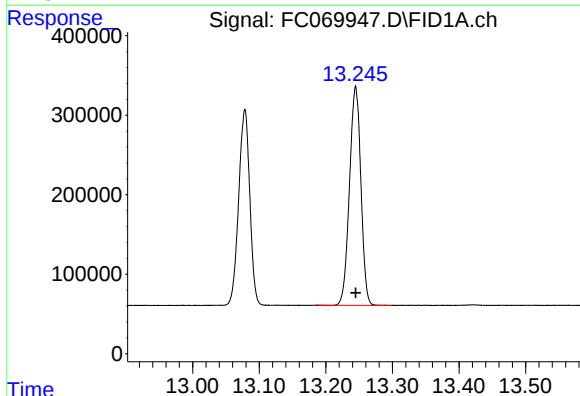
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3703795
Conc: 21.09 ug/ml

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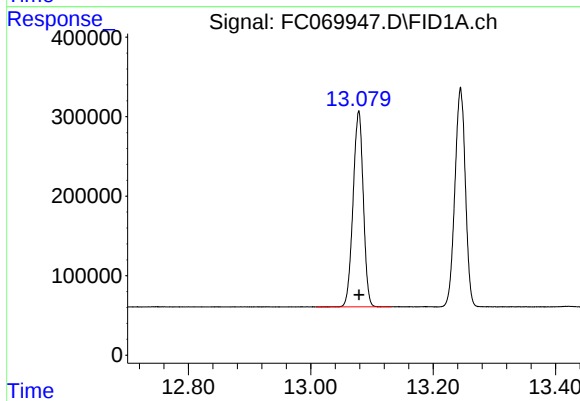
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 3379514
Conc: 21.06 ug/ml



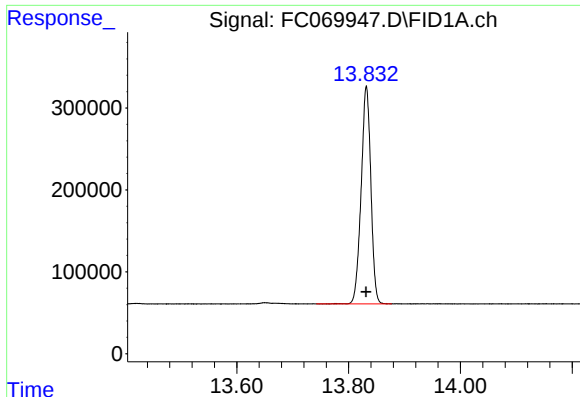
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 3268098
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

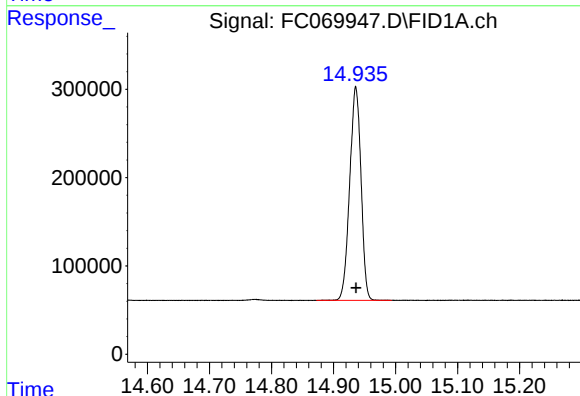
R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2853943
Conc: 21.02 ug/ml



#13 n-Docosane (C22)

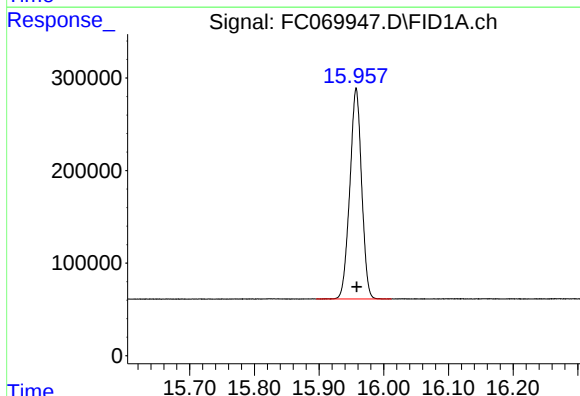
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 3197338
Conc: 20.78 ug/ml

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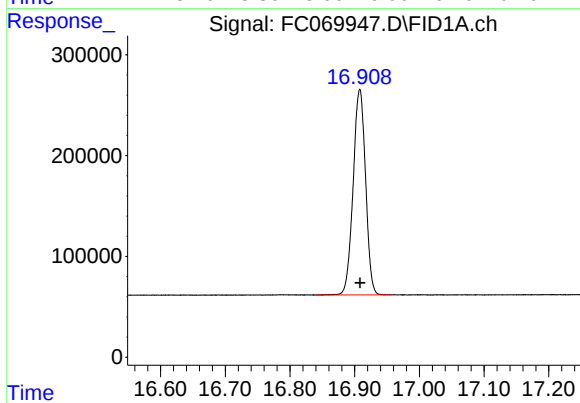
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 3059989
Conc: 20.18 ug/ml



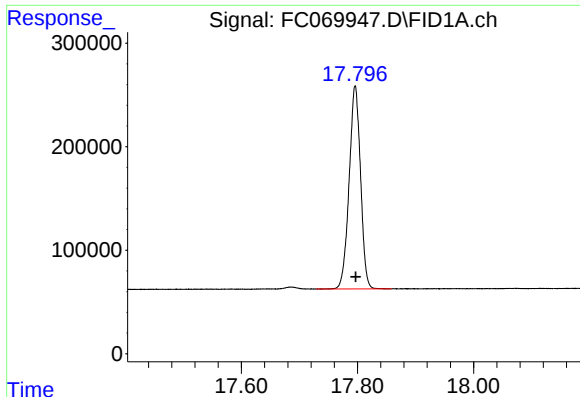
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 2884925
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

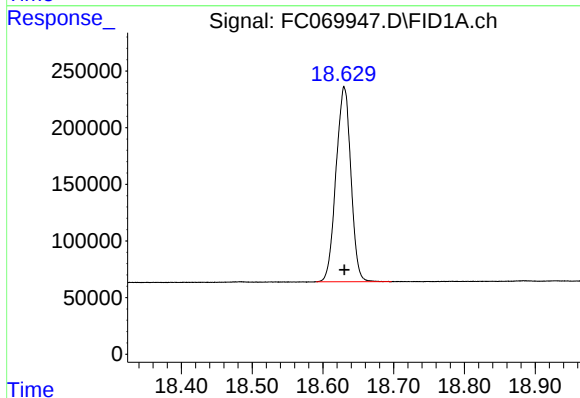
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2722173
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

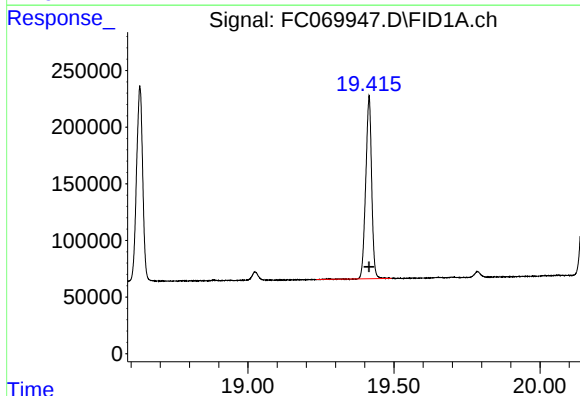
R.T.: 17.796 min
Delta R.T.: 0.000 min
Response: 2674853
Conc: 19.59 ug/ml

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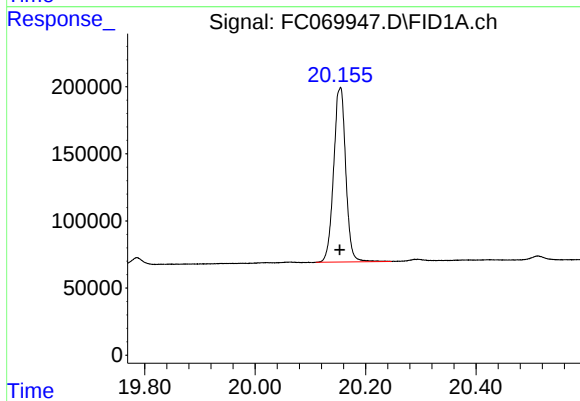
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2513467
Conc: 19.49 ug/ml



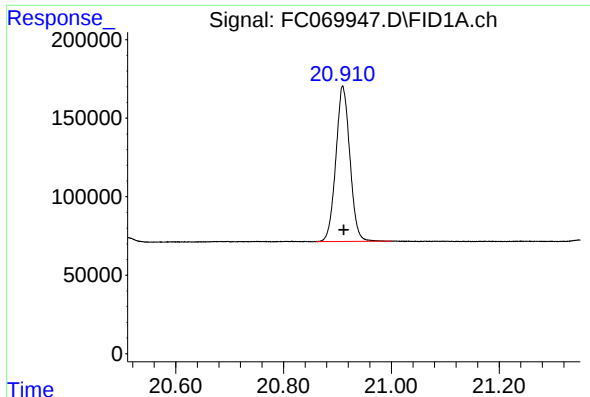
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 2276161
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

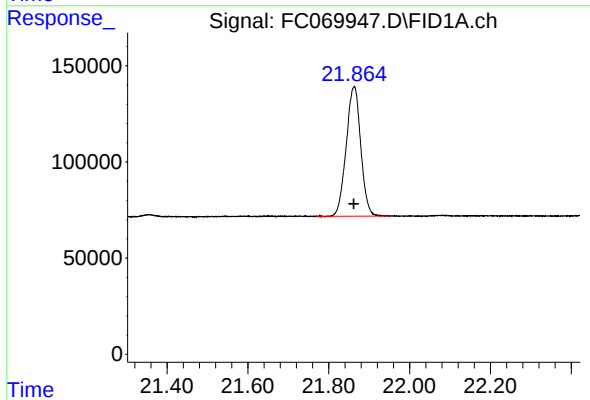
R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1977953
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.002 min
Response: 1789051
Conc: 20.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.001 min
Response: 1686007
Conc: 20.52 ug/ml