

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092625AL\
 Data File : FC069858.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 16:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 29 07:56:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.658	3351415	17.893 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
12) S 1-chlorooctadecane (S...	13.093	2711205	17.168 ug/ml
Spiked Amount 50.000		Recovery =	34.34%
Target Compounds			
1) T n-Nonane (C9)	3.397	2309840	18.018 ug/ml
2) T n-Decane (C10)	4.470	2431473	18.298 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2720396	18.326 ug/ml
4) T n-Dodecane (C12)	6.493	2577600	18.478 ug/ml
5) T A~2-methylnaphthalene...	7.121	2704654	18.319 ug/ml
6) T n-Tetradecane (C14)	8.290	2753403	18.564 ug/ml
7) T n-Hexadecane (C16)	9.893	3019947	18.300 ug/ml
8) T n-Octadecane (C18)	11.336	3190611	17.903 ug/ml
10) T n-Eicosane (C20)	12.647	3147341	17.474 ug/ml
11) T n-Heneicosane (C21)	13.260	3116984	17.286 ug/ml
13) T n-Docosane (C22)	13.846	3123975	17.195 ug/ml
14) T n-Tetracosane (C24)	14.951	3143707	17.085 ug/ml
15) T n-Hexacosane (C26)	15.972	3087344	17.004 ug/ml
16) T n-Octacosane (C28)	16.922	3045750	17.254 ug/ml
17) T n-Tricontane (C30)	17.810	3136925	17.922 ug/ml
18) T n-Dotriacontane (C32)	18.644	2971169	18.365 ug/ml
19) T n-Tetratriacontane (C34)	19.427	2580273	18.463 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1981749	17.553 ug/ml
21) T n-Octatriacontane (C38)	20.929	1587412	16.456 ug/ml
22) T n-Tetracontane (C40)	21.887	1371011	15.918 ug/ml

(f)=RT Delta > 1/2 Window

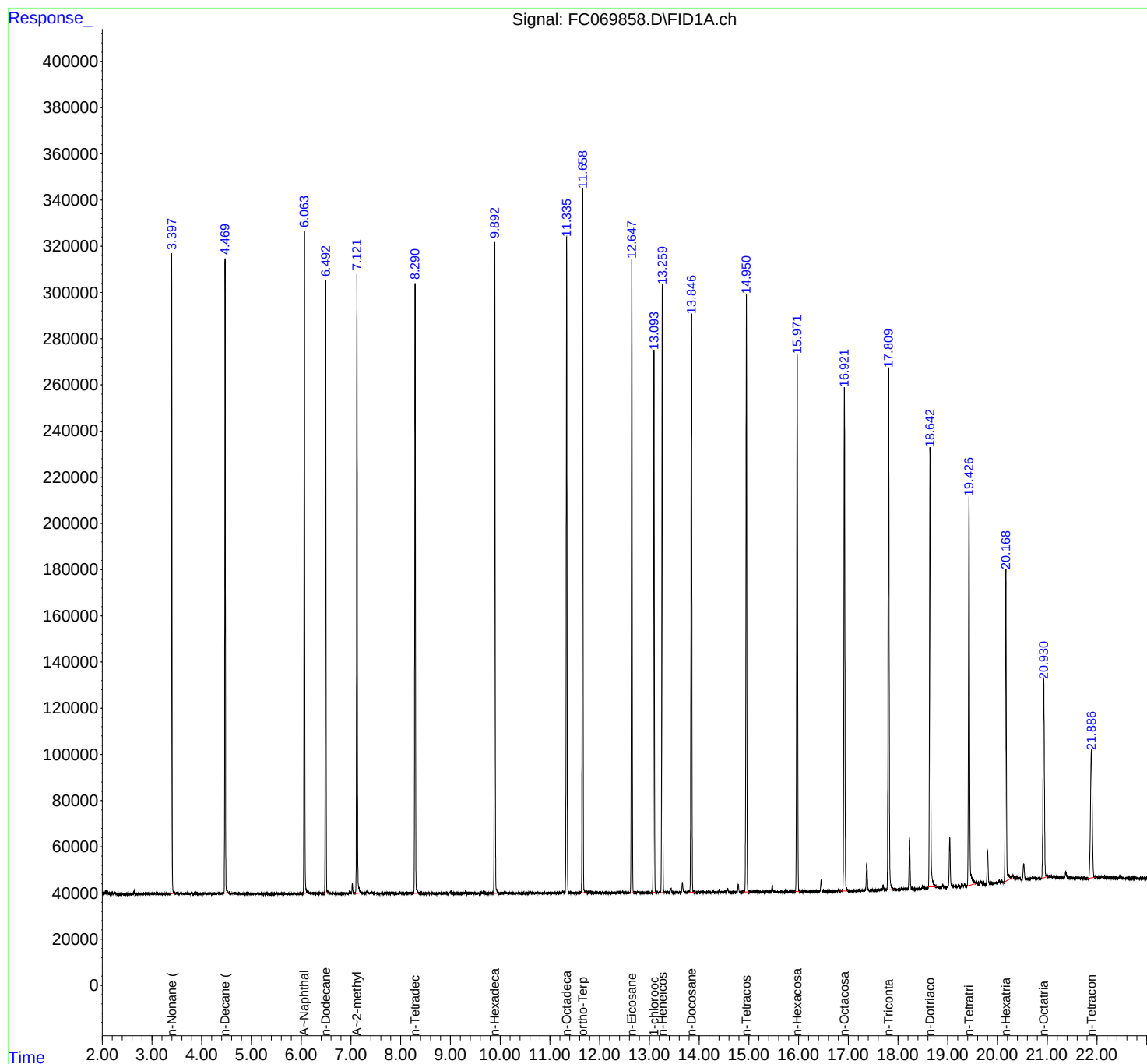
(m)=manual int.

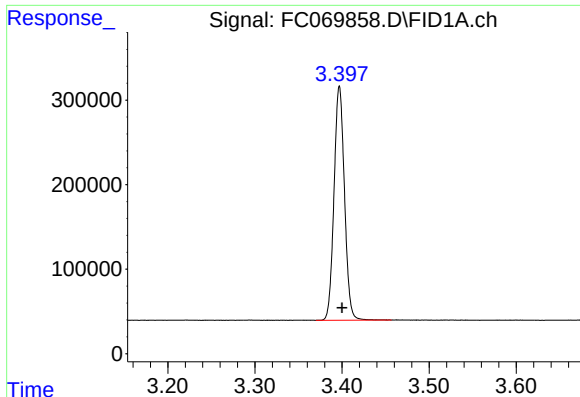
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Signal Info : 20M x 0.18mm x 0.18um

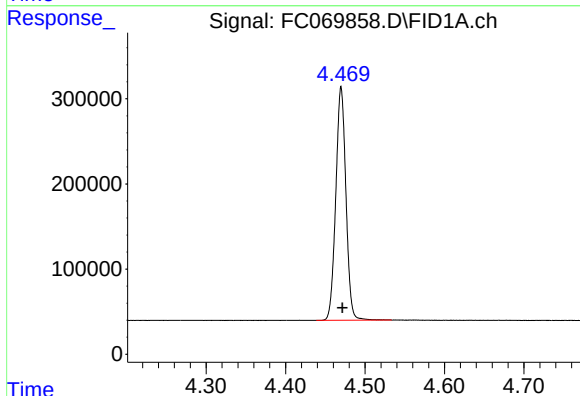




#1 n-Nonane (C9)

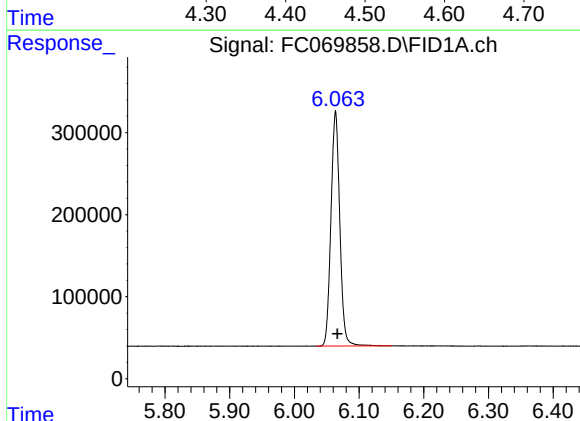
R.T.: 3.397 min
Delta R.T.: -0.003 min
Response: 2309840
Conc: 18.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



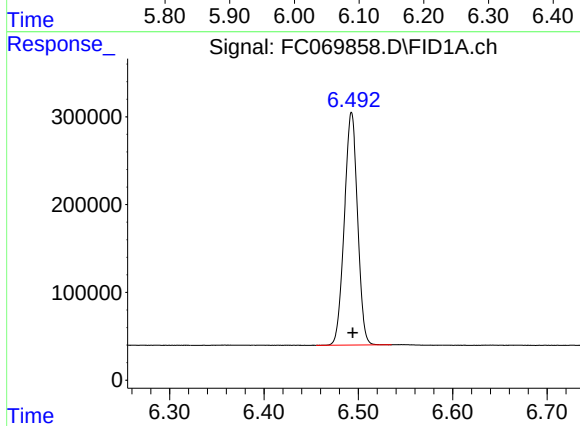
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 2431473
Conc: 18.30 ug/ml



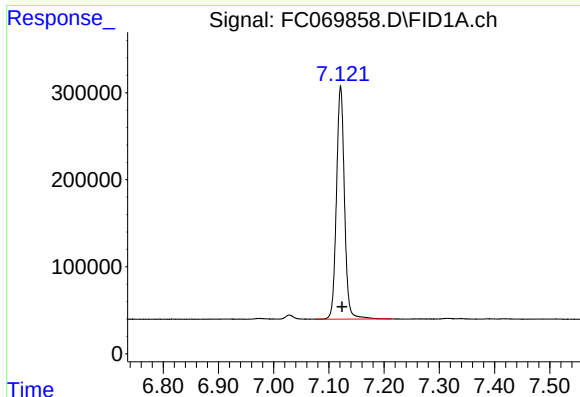
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 2720396
Conc: 18.33 ug/ml



#4 n-Dodecane (C12)

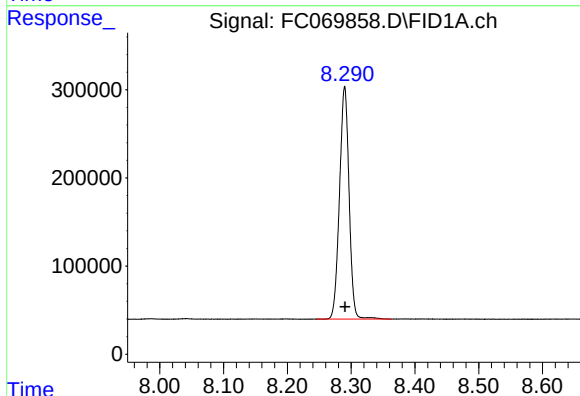
R.T.: 6.493 min
Delta R.T.: -0.001 min
Response: 2577600
Conc: 18.48 ug/ml



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

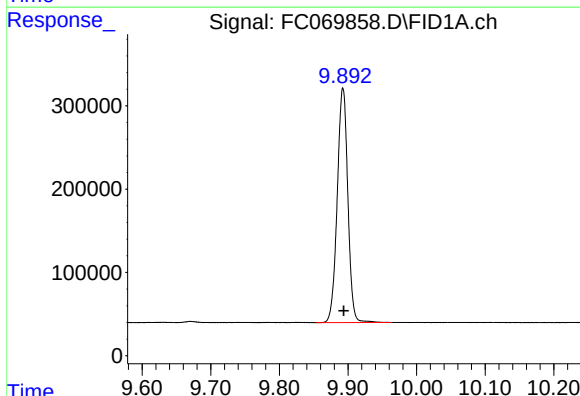
R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 2704654
Conc: 18.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



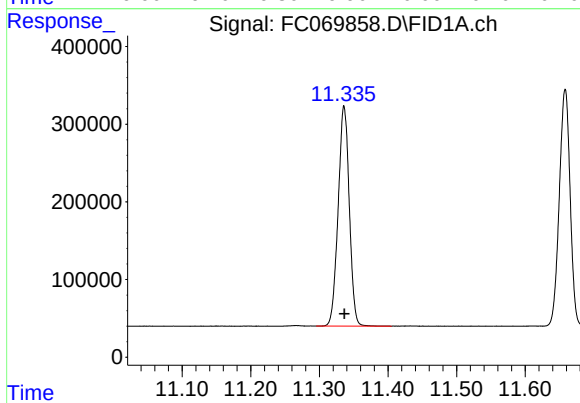
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 2753403
Conc: 18.56 ug/ml



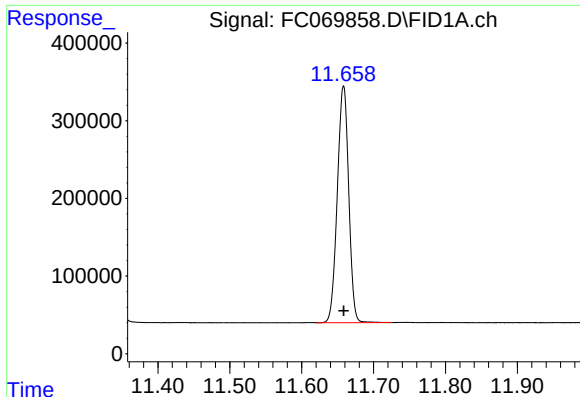
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.001 min
Response: 3019947
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

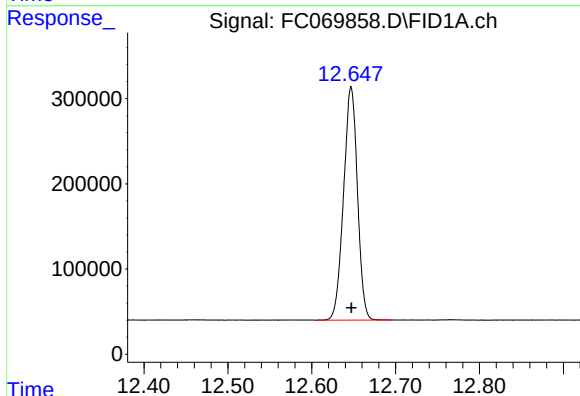
R.T.: 11.336 min
Delta R.T.: 0.000 min
Response: 3190611
Conc: 17.90 ug/ml



#9 ortho-Terphenyl (SURR)

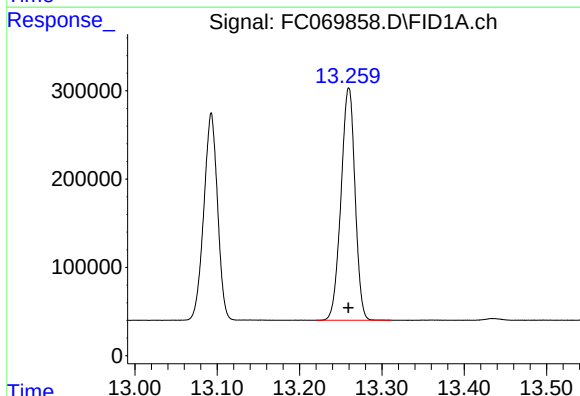
R.T.: 11.658 min
Delta R.T.: 0.000 min
Response: 3351415
Conc: 17.89 ug/ml

Instrument :
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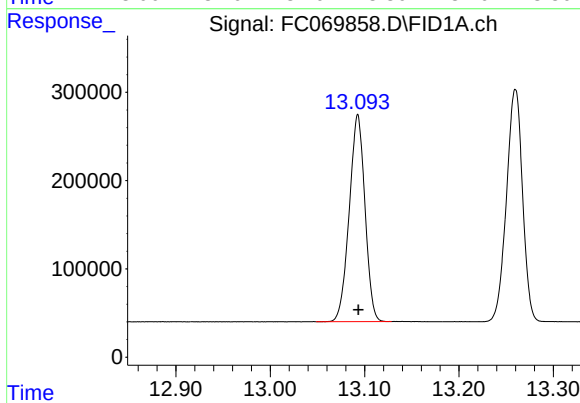
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 3147341
Conc: 17.47 ug/ml



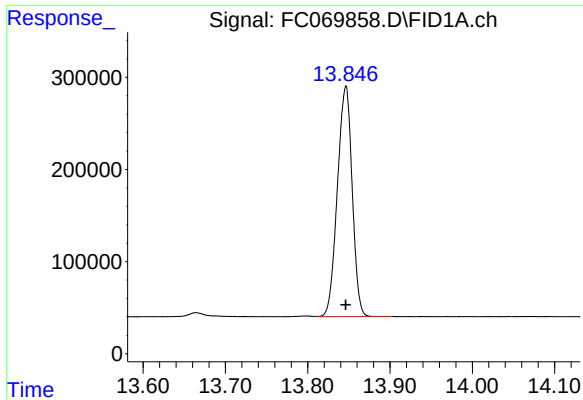
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.000 min
Response: 3116984
Conc: 17.29 ug/ml



#12 1-chlorooctadecane (SURR)

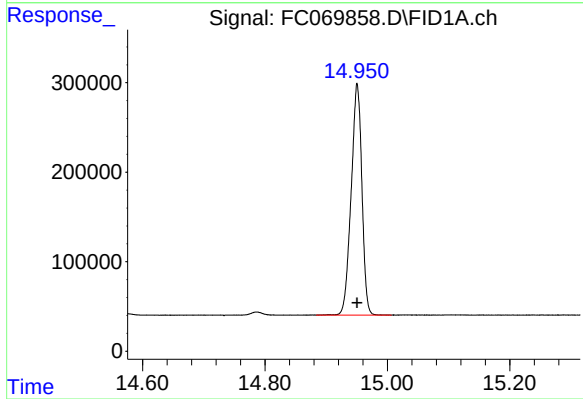
R.T.: 13.093 min
Delta R.T.: 0.000 min
Response: 2711205
Conc: 17.17 ug/ml



#13 n-Docosane (C22)

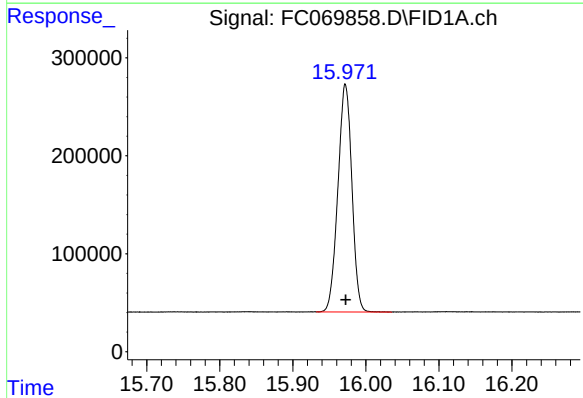
R.T.: 13.846 min
Delta R.T.: 0.000 min
Response: 3123975
Conc: 17.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



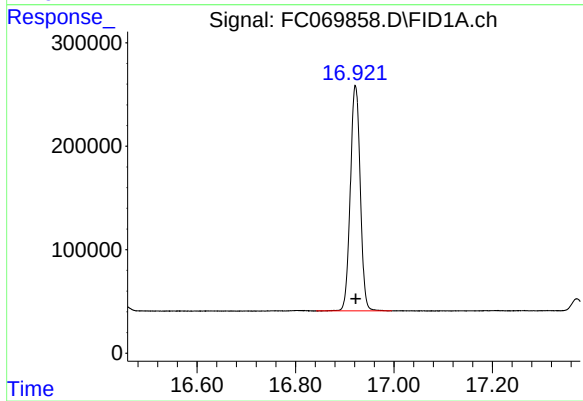
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 3143707
Conc: 17.09 ug/ml



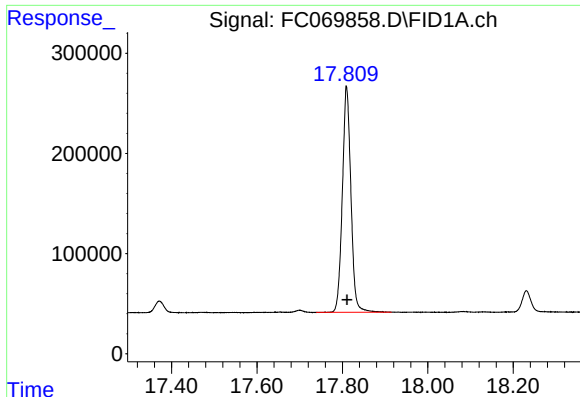
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.000 min
Response: 3087344
Conc: 17.00 ug/ml



#16 n-Octacosane (C28)

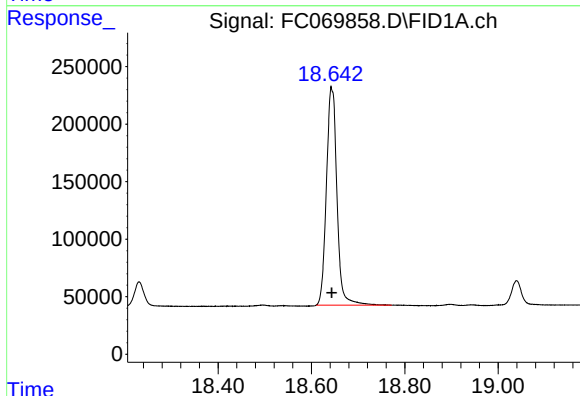
R.T.: 16.922 min
Delta R.T.: 0.000 min
Response: 3045750
Conc: 17.25 ug/ml



#17 n-Tricontane (C30)

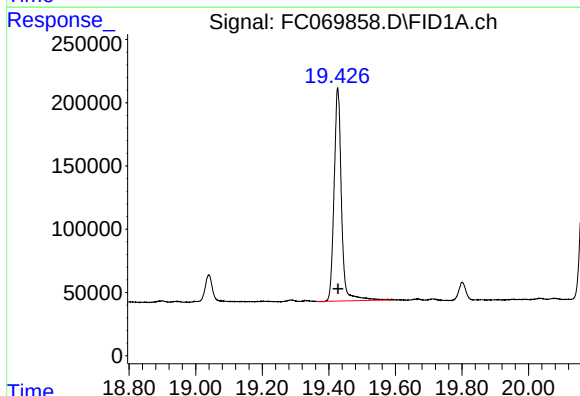
R.T.: 17.810 min
Delta R.T.: 0.000 min
Response: 3136925
Conc: 17.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



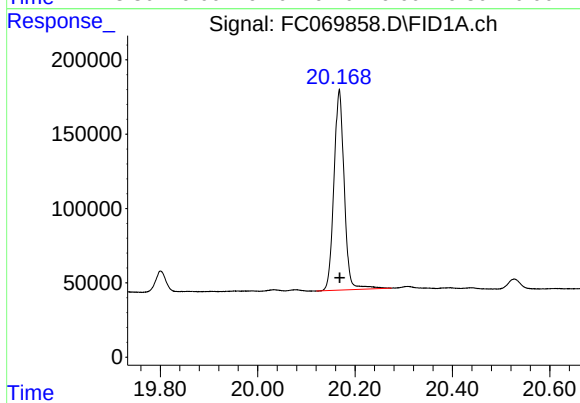
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: 0.000 min
Response: 2971169
Conc: 18.36 ug/ml



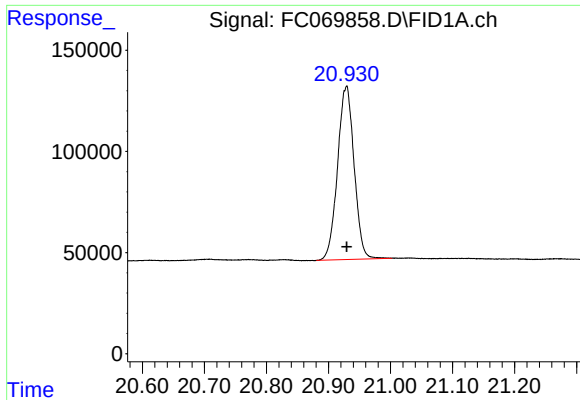
#19 n-Tetratriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.001 min
Response: 2580273
Conc: 18.46 ug/ml



#20 n-Hexatriacontane (C36)

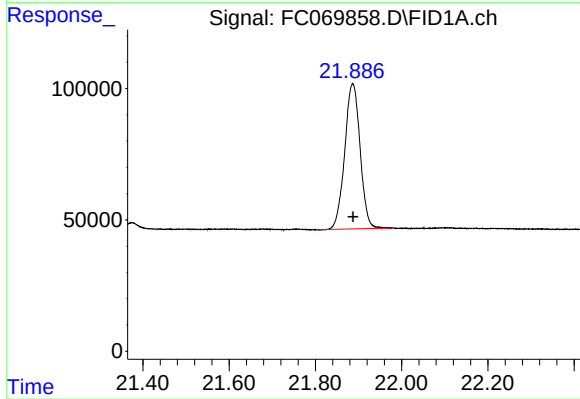
R.T.: 20.167 min
Delta R.T.: 0.000 min
Response: 1981749
Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.929 min
Delta R.T.: -0.001 min
Response: 1587412
Conc: 16.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.887 min
Delta R.T.: -0.001 min
Response: 1371011
Conc: 15.92 ug/ml