

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081425AL\
 Data File : FC069656.D
 Signal(s) : FID1A.ch
 Acq On : 14 Aug 2025 12:27
 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: sample.E
 Quant Time: Aug 14 18:51:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.662	2951452	19.784 ug/ml
Spiked Amount	50.000	Recovery	= 39.57%
12) S 1-chlorooctadecane (S...	13.098	2182494	20.019 ug/ml
Spiked Amount	50.000	Recovery	= 40.04%
Target Compounds			
1) T n-Nonane (C9)	3.393	2764865	19.406 ug/ml
2) T n-Decane (C10)	4.466	2861383	19.682 ug/ml
3) T A~Naphthalene (C11.7)	6.061	3063497	19.744 ug/ml
4) T n-Dodecane (C12)	6.492	2874769	19.665 ug/ml
5) T A~2-methylnaphthalene...	7.121	2912756	19.778 ug/ml
6) T n-Tetradecane (C14)	8.291	2832270	19.846 ug/ml
7) T n-Hexadecane (C16)	9.895	2862982	19.860 ug/ml
8) T n-Octadecane (C18)	11.340	2800685	19.805 ug/ml
10) T n-Eicosane (C20)	12.652	2606633	19.788 ug/ml
11) T n-Heneicosane (C21)	13.264	2523551	19.786 ug/ml
13) T n-Docosane (C22)	13.852	2479235	19.846 ug/ml
14) T n-Tetracosane (C24)	14.956	2395976	19.855 ug/ml
15) T n-Hexacosane (C26)	15.980	2297770	19.885 ug/ml
16) T n-Octacosane (C28)	16.931	2244427	20.024 ug/ml
17) T n-Tricontane (C30)	17.819	2347881	20.506 ug/ml
18) T n-Dotriacontane (C32)	18.653	2361583	21.260 ug/ml
19) T n-Tetratriacontane (C34)	19.437	2165795	21.270 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1856569	20.822 ug/ml
21) T n-Octatriacontane (C38)	20.943	1654866	20.572 ug/ml
22) T n-Tetracontane (C40)	21.904	1534307	20.490 ug/ml

(f)=RT Delta > 1/2 Window

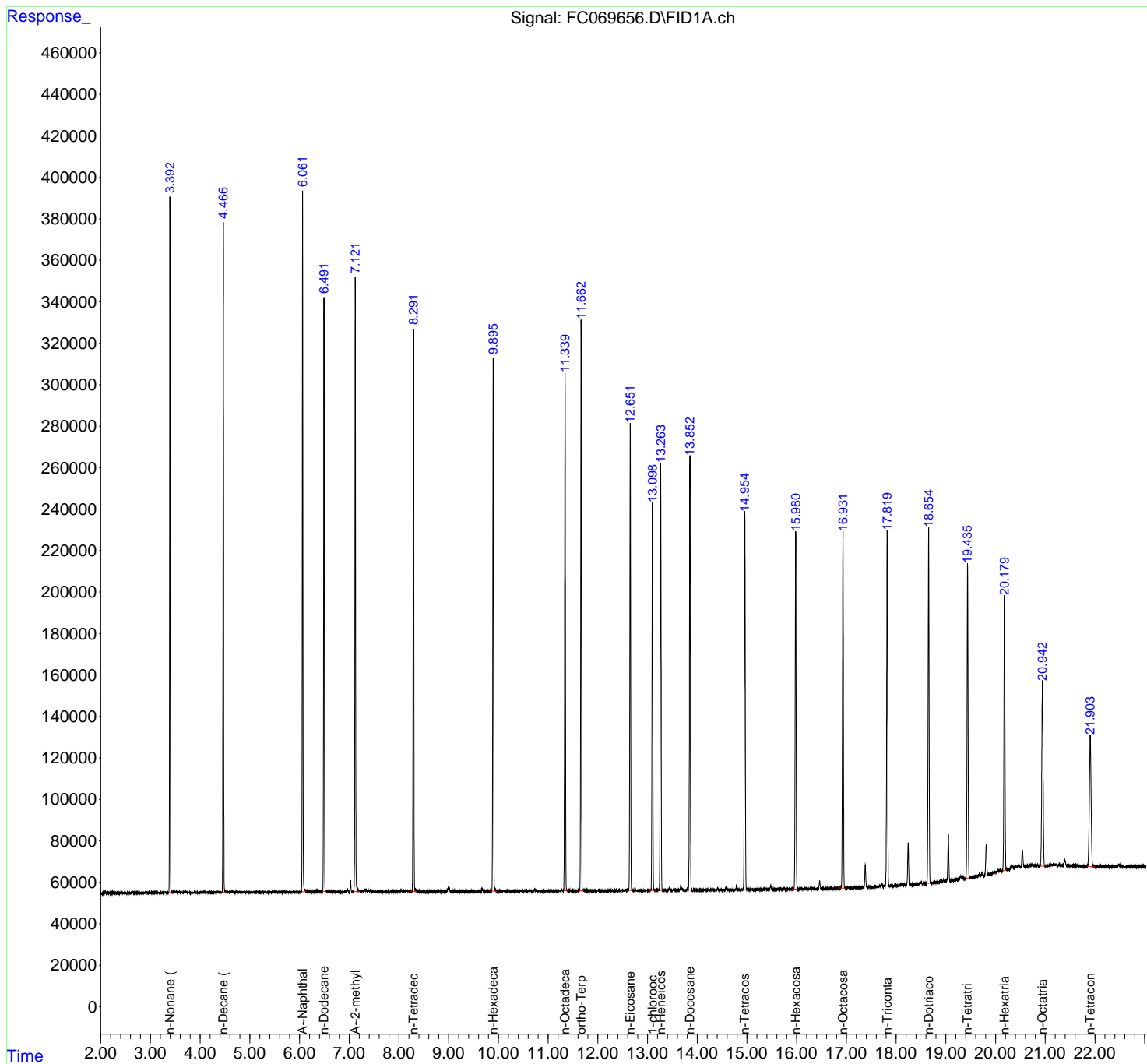
(m)=manual int.

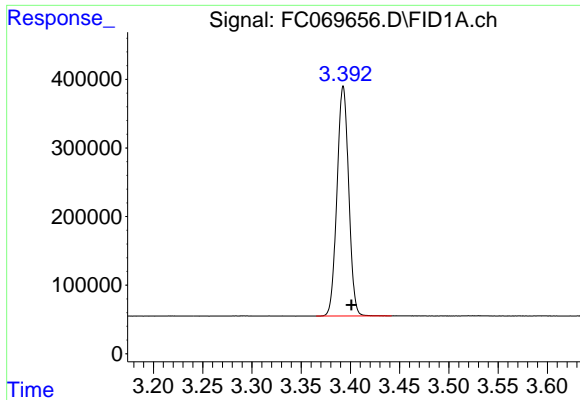
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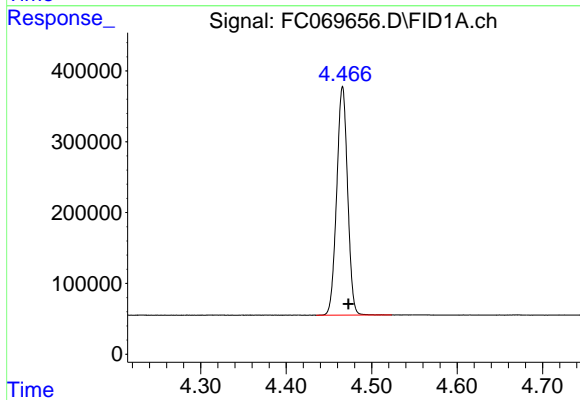




#1 n-Nonane (C9)

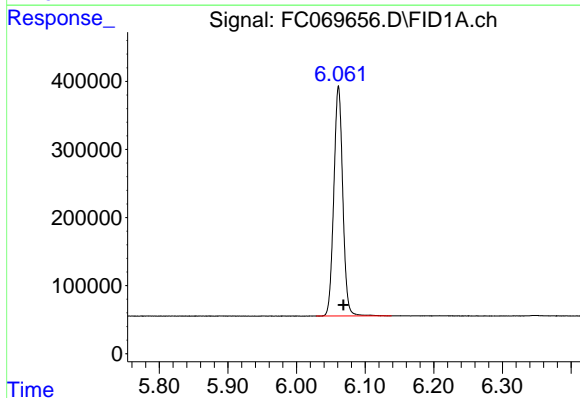
R.T.: 3.393 min
 Delta R.T.: -0.008 min
 Response: 2764865
 Conc: 19.41 ug/ml

Instrument : FID_C
 ClientSampleId : 20 PPM ALIPHATIC HC STD



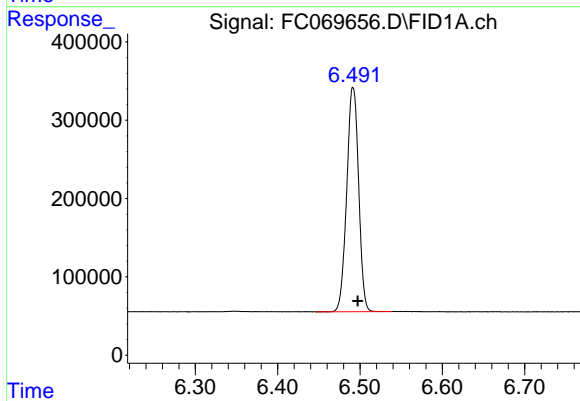
#2 n-Decane (C10)

R.T.: 4.466 min
 Delta R.T.: -0.007 min
 Response: 2861383
 Conc: 19.68 ug/ml



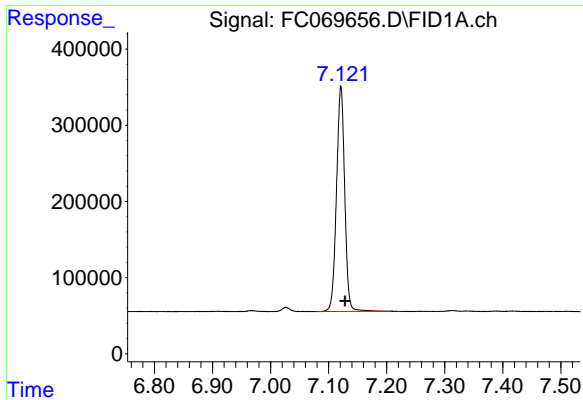
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
 Delta R.T.: -0.007 min
 Response: 3063497
 Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

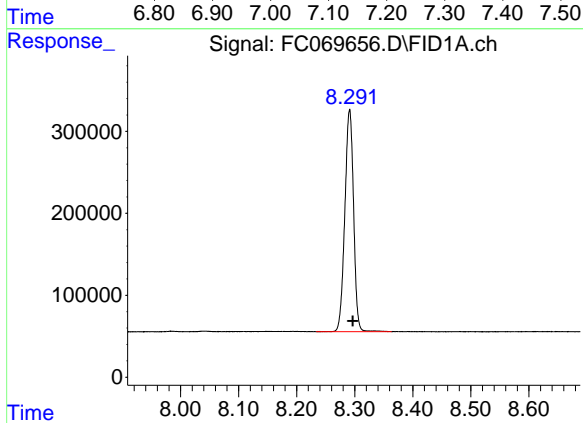
R.T.: 6.492 min
 Delta R.T.: -0.005 min
 Response: 2874769
 Conc: 19.67 ug/ml



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

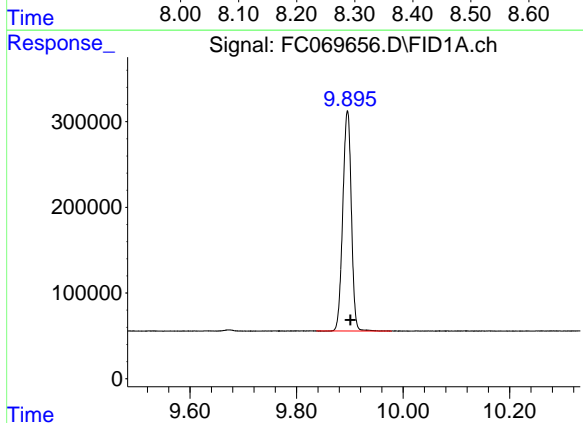
R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 2912756
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



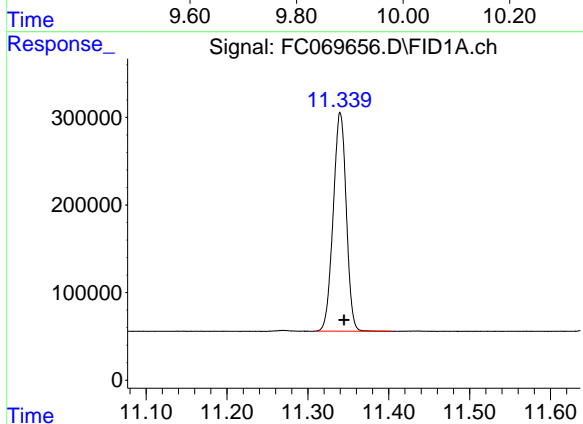
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 2832270
Conc: 19.85 ug/ml



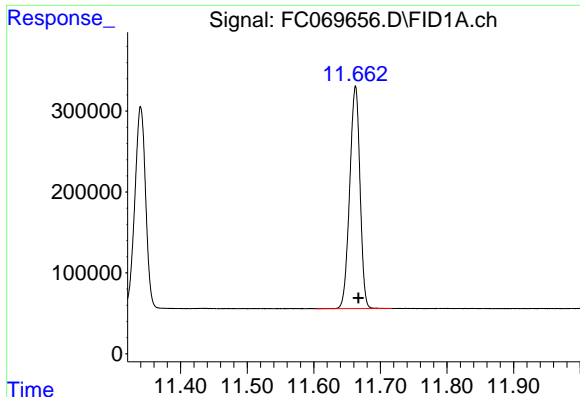
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.005 min
Response: 2862982
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

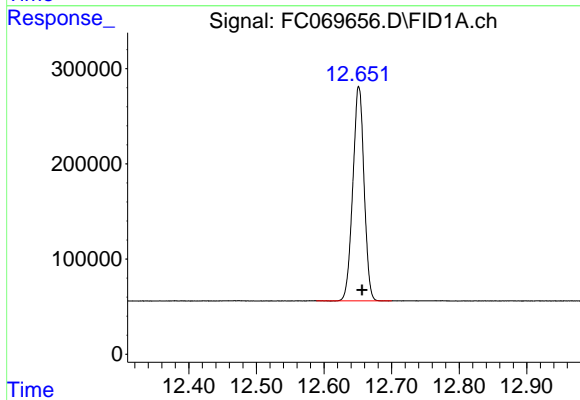
R.T.: 11.340 min
Delta R.T.: -0.005 min
Response: 2800685
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

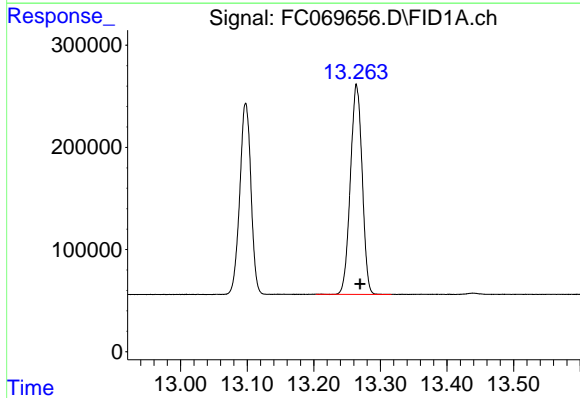
R.T.: 11.662 min
 Delta R.T.: -0.005 min
 Response: 2951452
 Conc: 19.78 ug/ml

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD



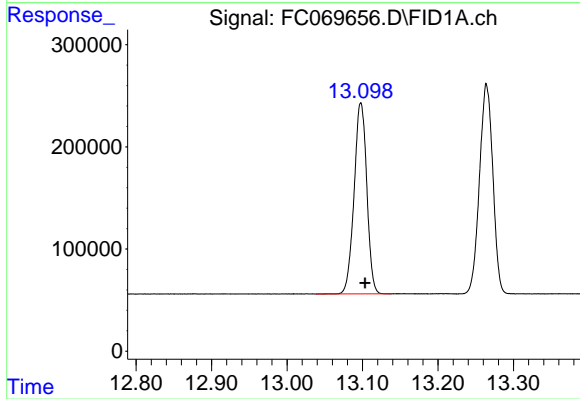
#10 n-Eicosane (C20)

R.T.: 12.652 min
 Delta R.T.: -0.005 min
 Response: 2606633
 Conc: 19.79 ug/ml



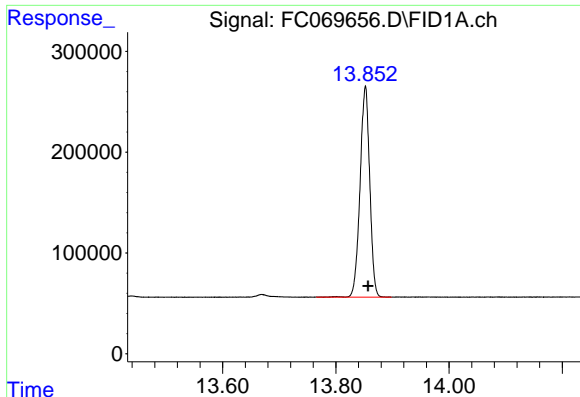
#11 n-Heneicosane (C21)

R.T.: 13.264 min
 Delta R.T.: -0.005 min
 Response: 2523551
 Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

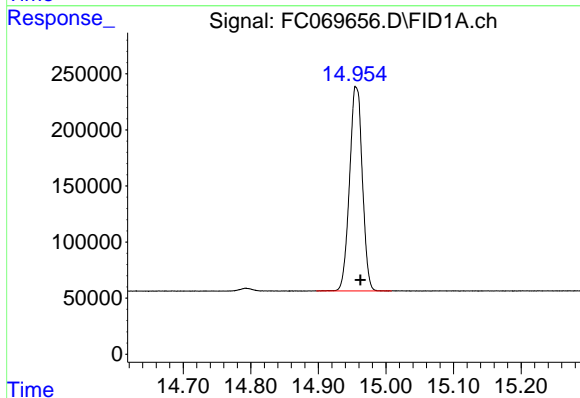
R.T.: 13.098 min
 Delta R.T.: -0.006 min
 Response: 2182494
 Conc: 20.02 ug/ml



#13 n-Docosane (C22)

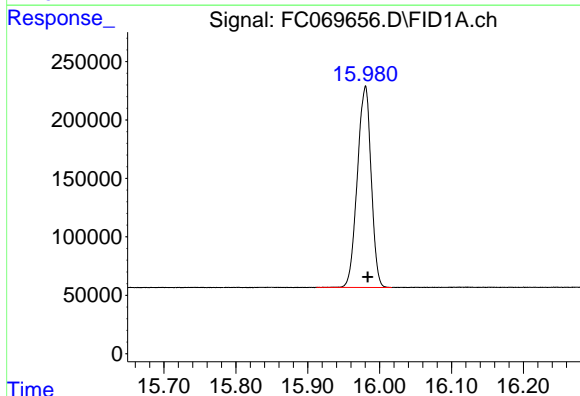
R.T.: 13.852 min
Delta R.T.: -0.005 min
Response: 2479235
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



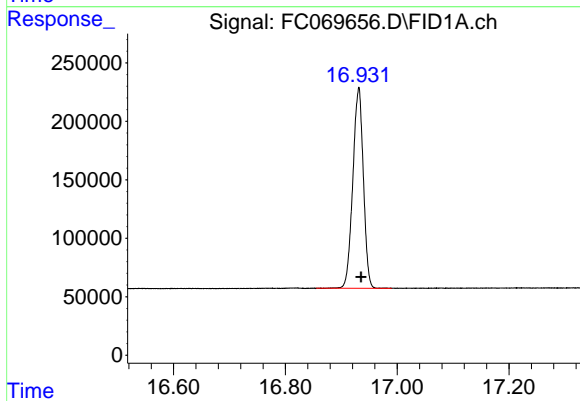
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 2395976
Conc: 19.86 ug/ml



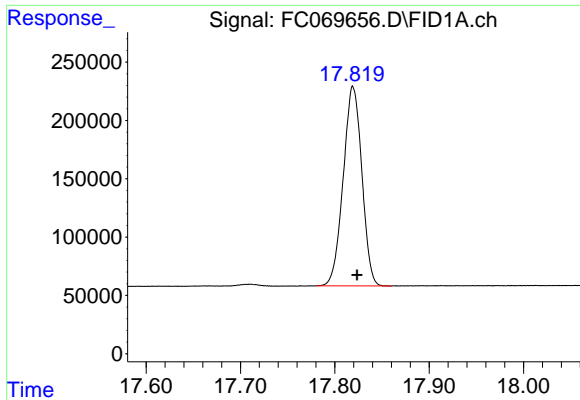
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.004 min
Response: 2297770
Conc: 19.89 ug/ml



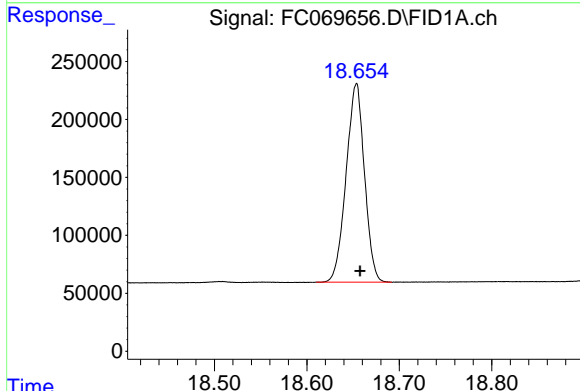
#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: -0.004 min
Response: 2244427
Conc: 20.02 ug/ml

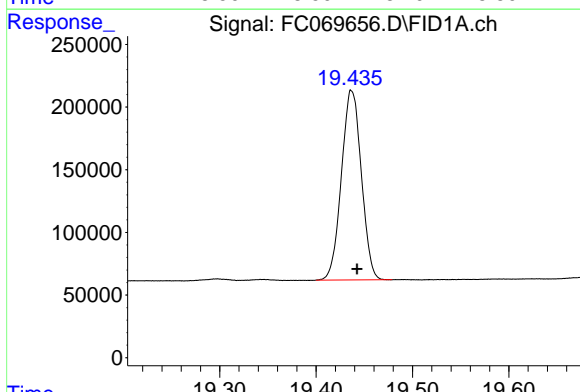


#17 n-Tricontane (C30)
 R.T.: 17.819 min
 Delta R.T.: -0.004 min
 Response: 2347881
 Conc: 20.51 ug/ml

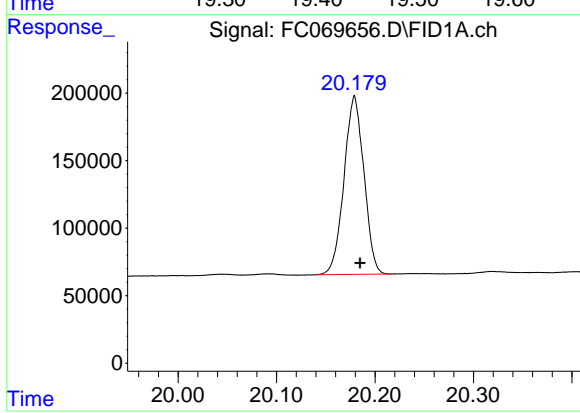
Instrument : FID_C
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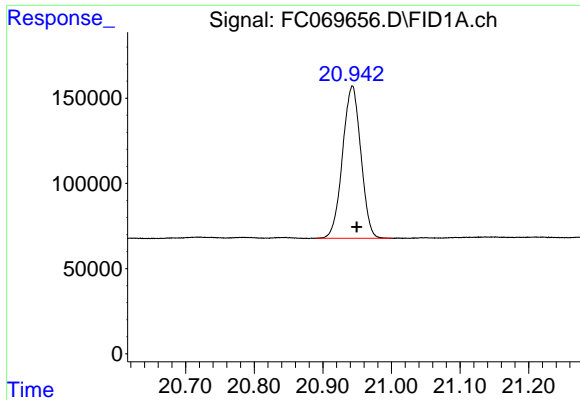
#18 n-Dotriacontane (C32)
 R.T.: 18.653 min
 Delta R.T.: -0.004 min
 Response: 2361583
 Conc: 21.26 ug/ml



#19 n-Tetratriacontane (C34)
 R.T.: 19.437 min
 Delta R.T.: -0.005 min
 Response: 2165795
 Conc: 21.27 ug/ml



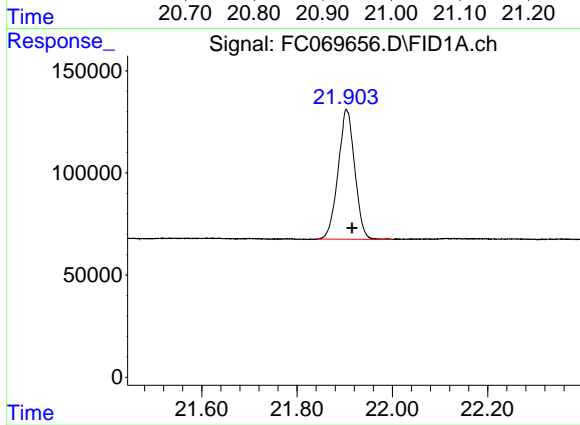
#20 n-Hexatriacontane (C36)
 R.T.: 20.179 min
 Delta R.T.: -0.006 min
 Response: 1856569
 Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.943 min
Delta R.T.: -0.006 min
Response: 1654866
Conc: 20.57 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: -0.011 min
Response: 1534307
Conc: 20.49 ug/ml