

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110123AL\
 Data File : FC064979.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2023 01:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 02 04:19:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.510	4427941	20.119 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
12) S 1-chlorooctadecane (S...	12.941	3173990	20.078 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
Target Compounds			
1) T n-Nonane (C9)	3.309	3845481	20.339 ug/ml
2) T n-Decane (C10)	4.370	3869656	20.351 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3951140	20.464 ug/ml
4) T n-Dodecane (C12)	6.380	3910216	20.242 ug/ml
5) T A~2-methylnaphthalene...	7.004	3749492	20.404 ug/ml
6) T n-Tetradecane (C14)	8.167	3819730	20.244 ug/ml
7) T n-Hexadecane (C16)	9.762	3827620	20.249 ug/ml
8) T n-Octadecane (C18)	11.197	3814826	20.213 ug/ml
10) T n-Eicosane (C20)	12.500	3627711	20.179 ug/ml
11) T n-Heneicosane (C21)	13.110	3542646	20.178 ug/ml
13) T n-Docosane (C22)	13.694	3439479	20.024 ug/ml
14) T n-Tetracosane (C24)	14.791	3301255	19.821 ug/ml
15) T n-Hexacosane (C26)	15.808	3154522	19.653 ug/ml
16) T n-Octacosane (C28)	16.753	3042743	19.442 ug/ml
17) T n-Tricontane (C30)	17.637	3041850	19.204 ug/ml
18) T n-Dotriacontane (C32)	18.463	3018387	19.117 ug/ml
19) T n-Tetratriacontane (C34)	19.244	2951941	19.339 ug/ml
20) T n-Hexatriacontane (C36)	19.980	2889124	19.148 ug/ml
21) T n-Octatriacontane (C38)	20.700	2905467	19.524 ug/ml
22) T n-Tetracontane (C40)	21.576	2796351	19.013 ug/ml

(f)=RT Delta > 1/2 Window

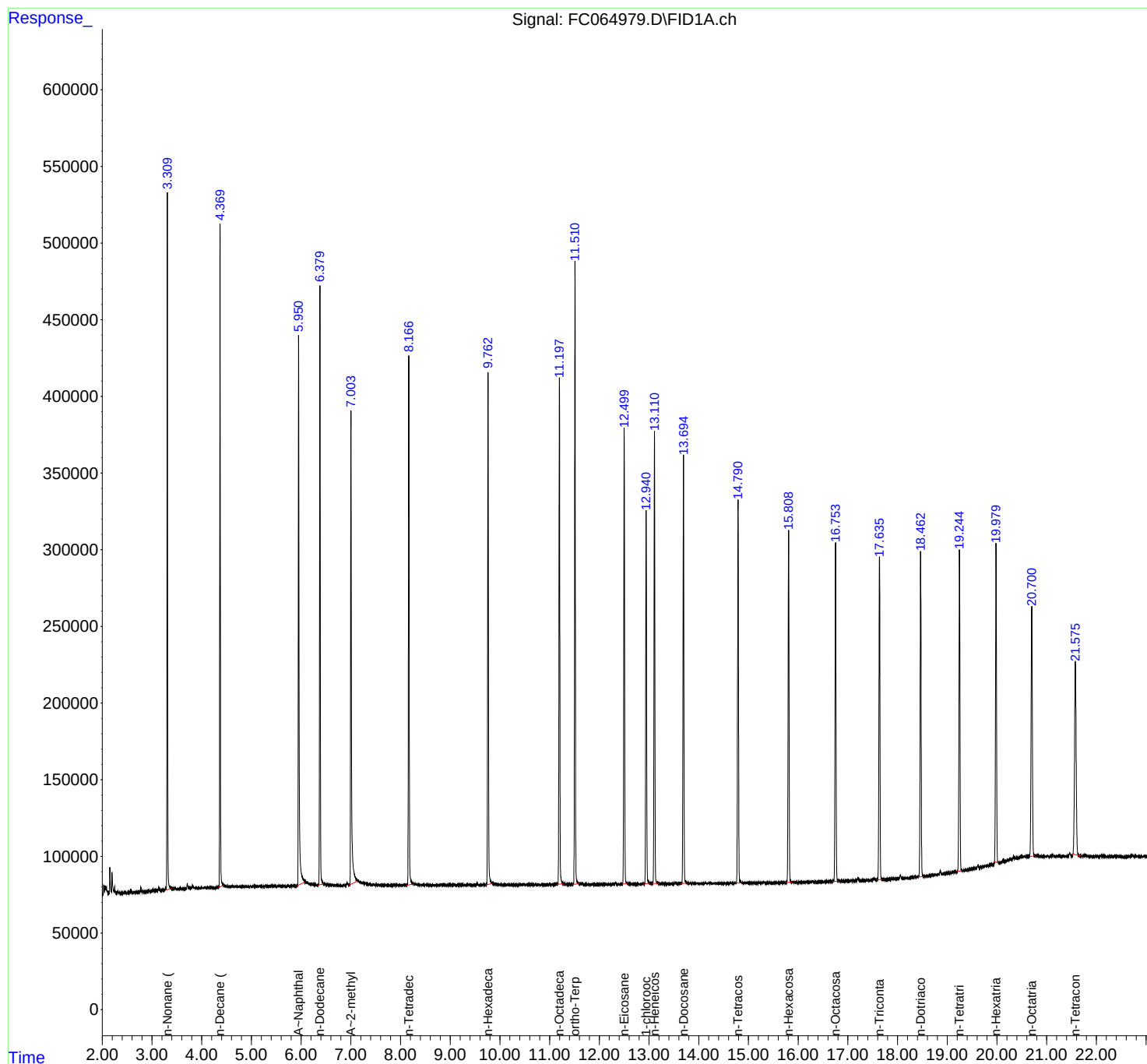
(m)=manual int.

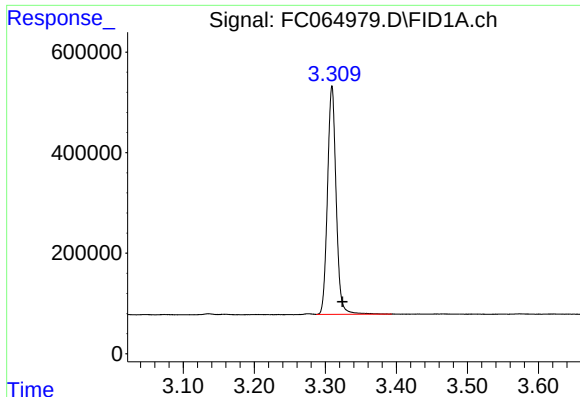
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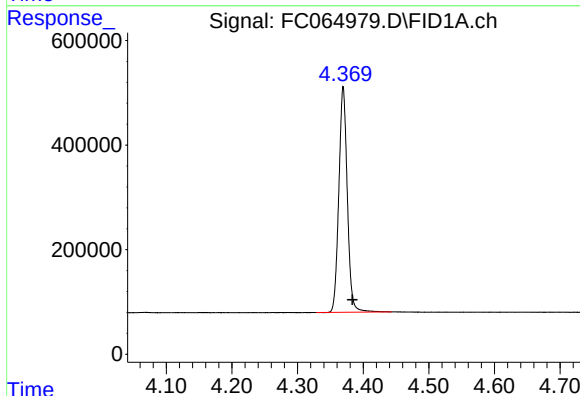




#1 n-Nonane (C9)

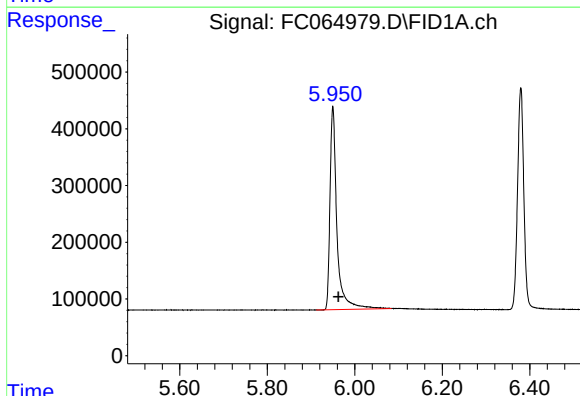
R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3845481
Conc: 20.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



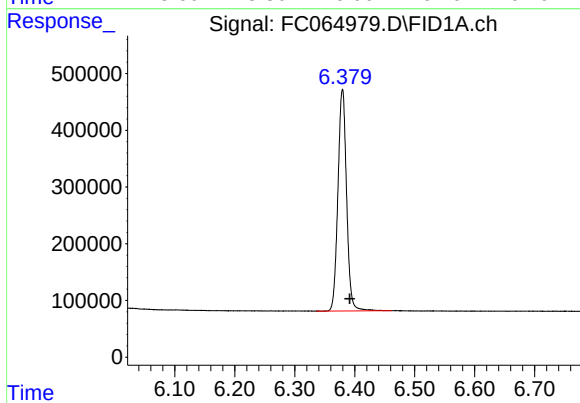
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.014 min
Response: 3869656
Conc: 20.35 ug/ml



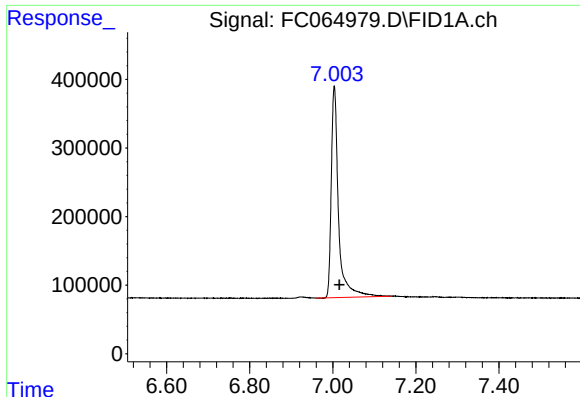
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 3951140
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

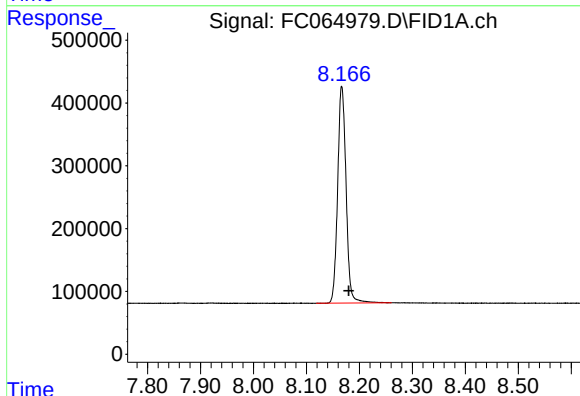
R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 3910216
Conc: 20.24 ug/ml



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

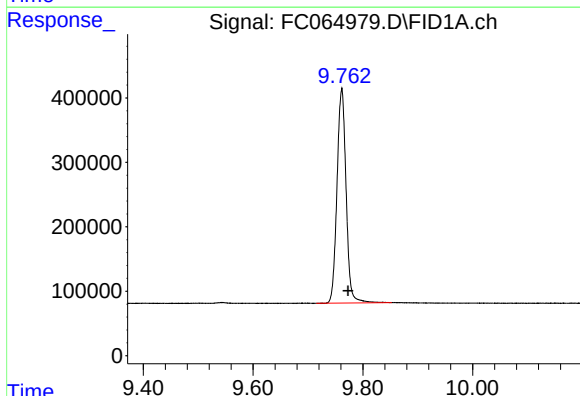
R.T.: 7.004 min
Delta R.T.: -0.012 min
Response: 3749492
Conc: 20.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



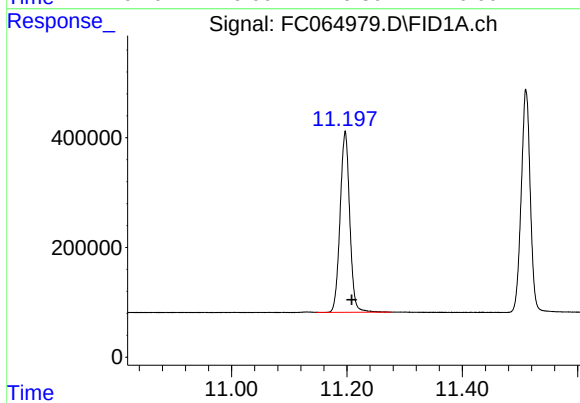
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.013 min
Response: 3819730
Conc: 20.24 ug/ml



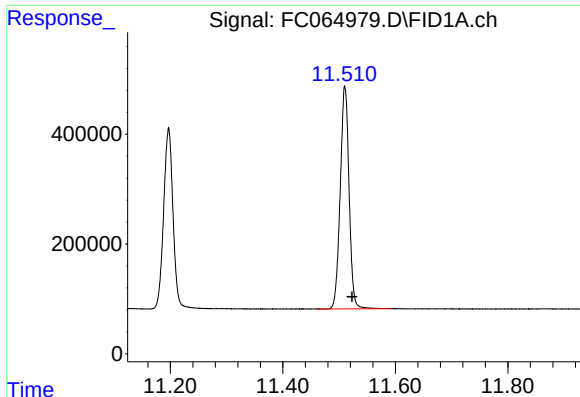
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.011 min
Response: 3827620
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

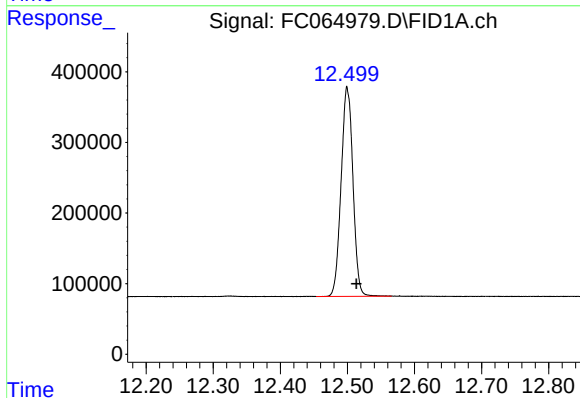
R.T.: 11.197 min
Delta R.T.: -0.011 min
Response: 3814826
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

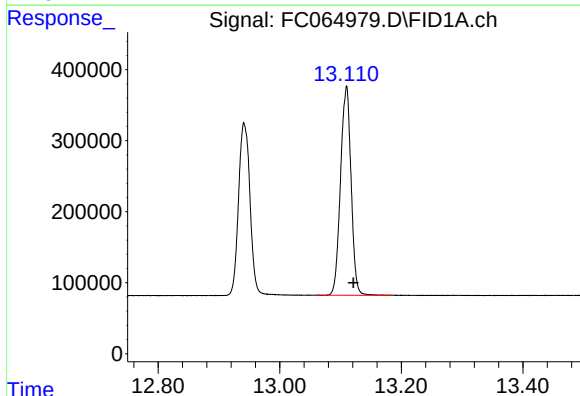
R.T.: 11.510 min
Delta R.T.: -0.012 min
Response: 4427941
Conc: 20.12 ug/ml

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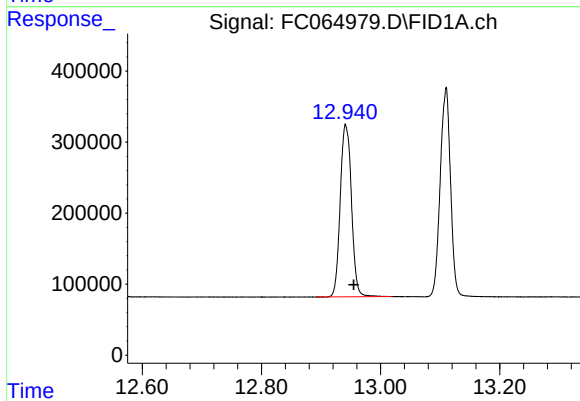
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.014 min
Response: 3627711
Conc: 20.18 ug/ml



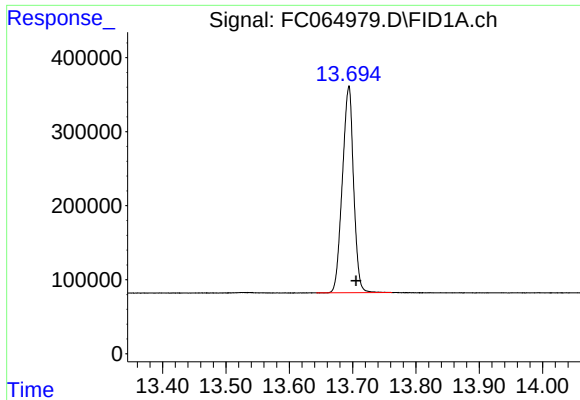
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.011 min
Response: 3542646
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

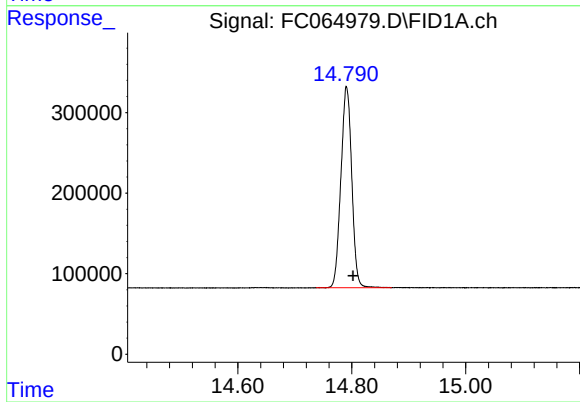
R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 3173990
Conc: 20.08 ug/ml



#13 n-Docosane (C22)

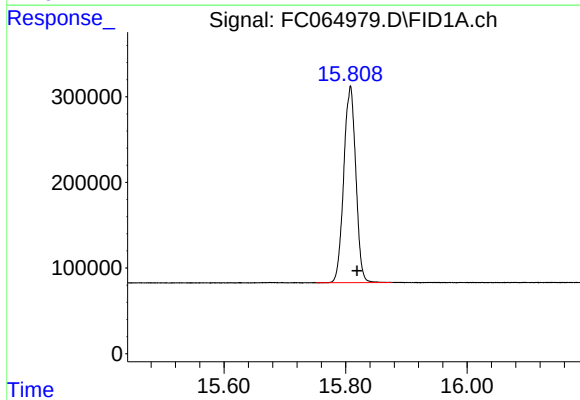
R.T.: 13.694 min
Delta R.T.: -0.011 min
Response: 3439479
Conc: 20.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



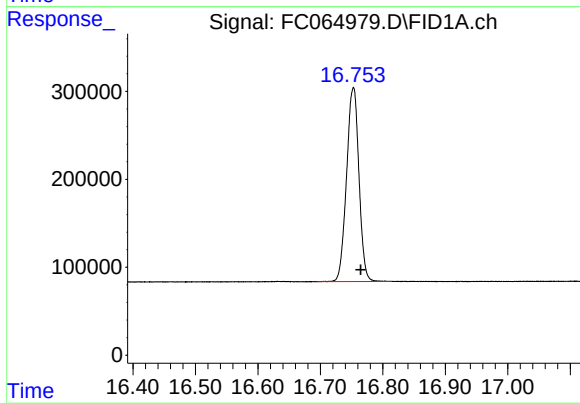
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: -0.011 min
Response: 3301255
Conc: 19.82 ug/ml



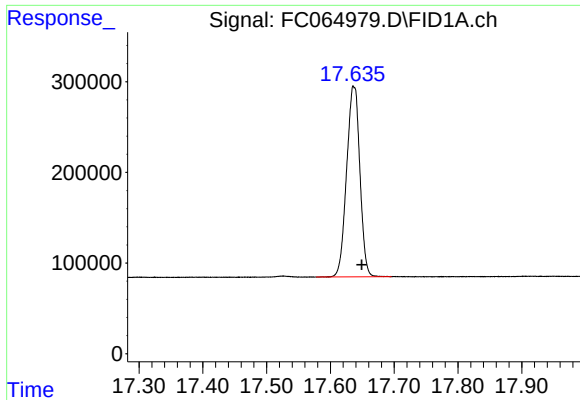
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: -0.010 min
Response: 3154522
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

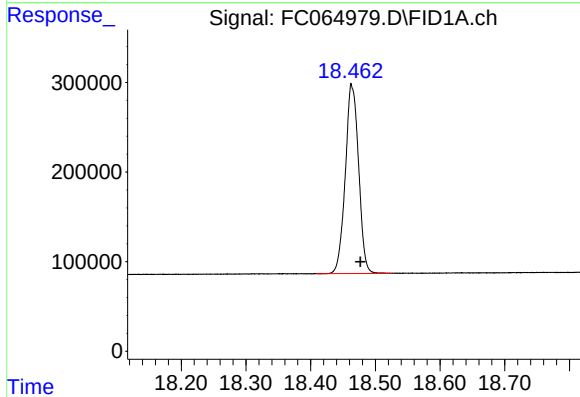
R.T.: 16.753 min
Delta R.T.: -0.012 min
Response: 3042743
Conc: 19.44 ug/ml



#17 n-Tricontane (C30)

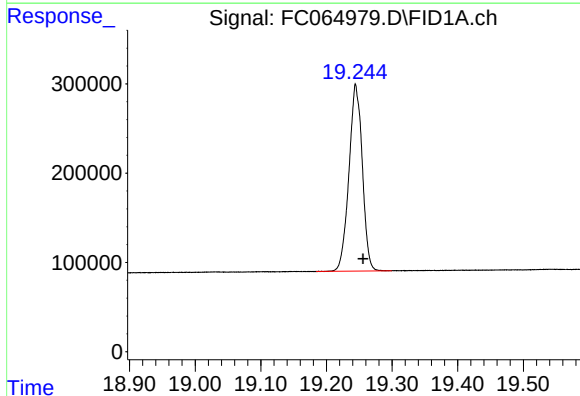
R.T.: 17.637 min
Delta R.T.: -0.013 min
Response: 3041850
Conc: 19.20 ug/ml

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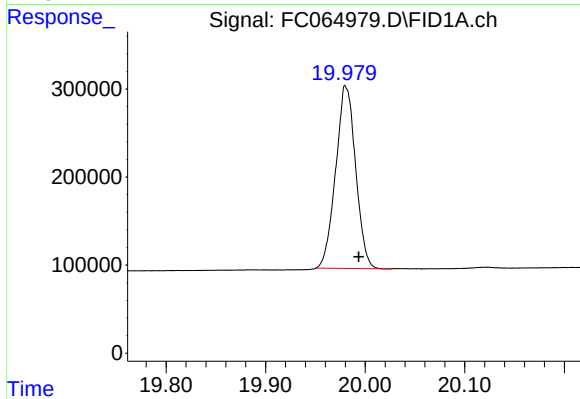
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.013 min
Response: 3018387
Conc: 19.12 ug/ml



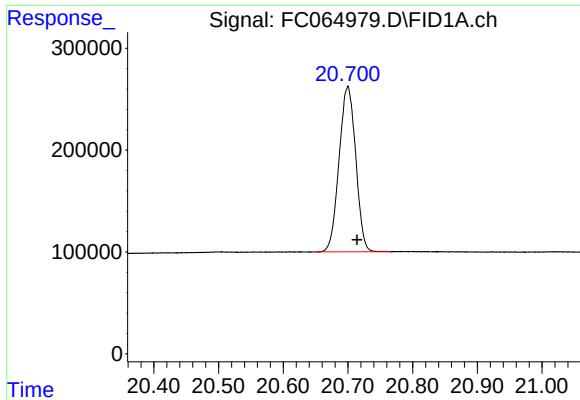
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.011 min
Response: 2951941
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

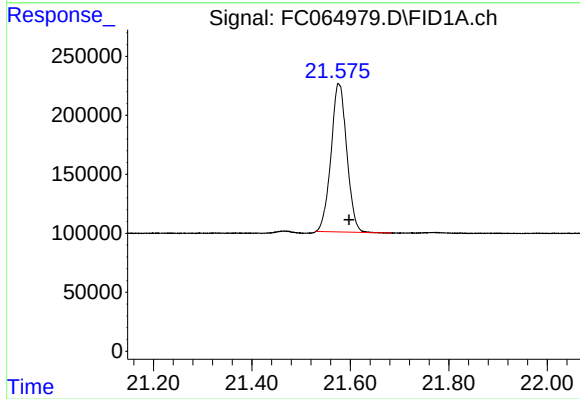
R.T.: 19.980 min
Delta R.T.: -0.013 min
Response: 2889124
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.014 min
Response: 2905467
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.022 min
Response: 2796351
Conc: 19.01 ug/ml