

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020524AL\
 Data File : FC065640.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2024 22:07
 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: Feb 06 04:44:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 2024
 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)	11.492	3616894	19.889 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	12.924	2687270	19.936 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	3.283	3161852	20.241 ug/ml
2) T n-Decane (C10)	4.346	3234643	20.447 ug/ml
3) T A~Naphthalene (C11.7)	5.932	3298733	19.726 ug/ml
4) T n-Dodecane (C12)	6.360	3248283	20.246 ug/ml
5) T A~2-methylnaphthalene...	6.988	3138307	20.337 ug/ml
6) T n-Tetradecane (C14)	8.148	3172864	20.230 ug/ml
7) T n-Hexadecane (C16)	9.743	3221281	20.142 ug/ml
8) T n-Octadecane (C18)	11.178	3285721	20.061 ug/ml
10) T n-Eicosane (C20)	12.481	3186352	20.005 ug/ml
11) T n-Heneicosane (C21)	13.090	3144723	20.043 ug/ml
13) T n-Docosane (C22)	13.673	3129746	20.045 ug/ml
14) T n-Tetracosane (C24)	14.771	3135399	20.173 ug/ml
15) T n-Hexacosane (C26)	15.786	3103808	20.218 ug/ml
16) T n-Octacosane (C28)	16.731	3073780	20.393 ug/ml
17) T n-Tricontane (C30)	17.615	3132544	20.510 ug/ml
18) T n-Dotriacontane (C32)	18.442	3085173	20.490 ug/ml
19) T n-Tetratriacontane (C34)	19.223	3002210	20.909 ug/ml
20) T n-Hexatriacontane (C36)	19.960	2907188	21.104 ug/ml
21) T n-Octatriacontane (C38)	20.676	2892646	20.908 ug/ml
22) T n-Tetracontane (C40)	21.548	2846618	20.572 ug/ml

(f)=RT Delta > 1/2 Window

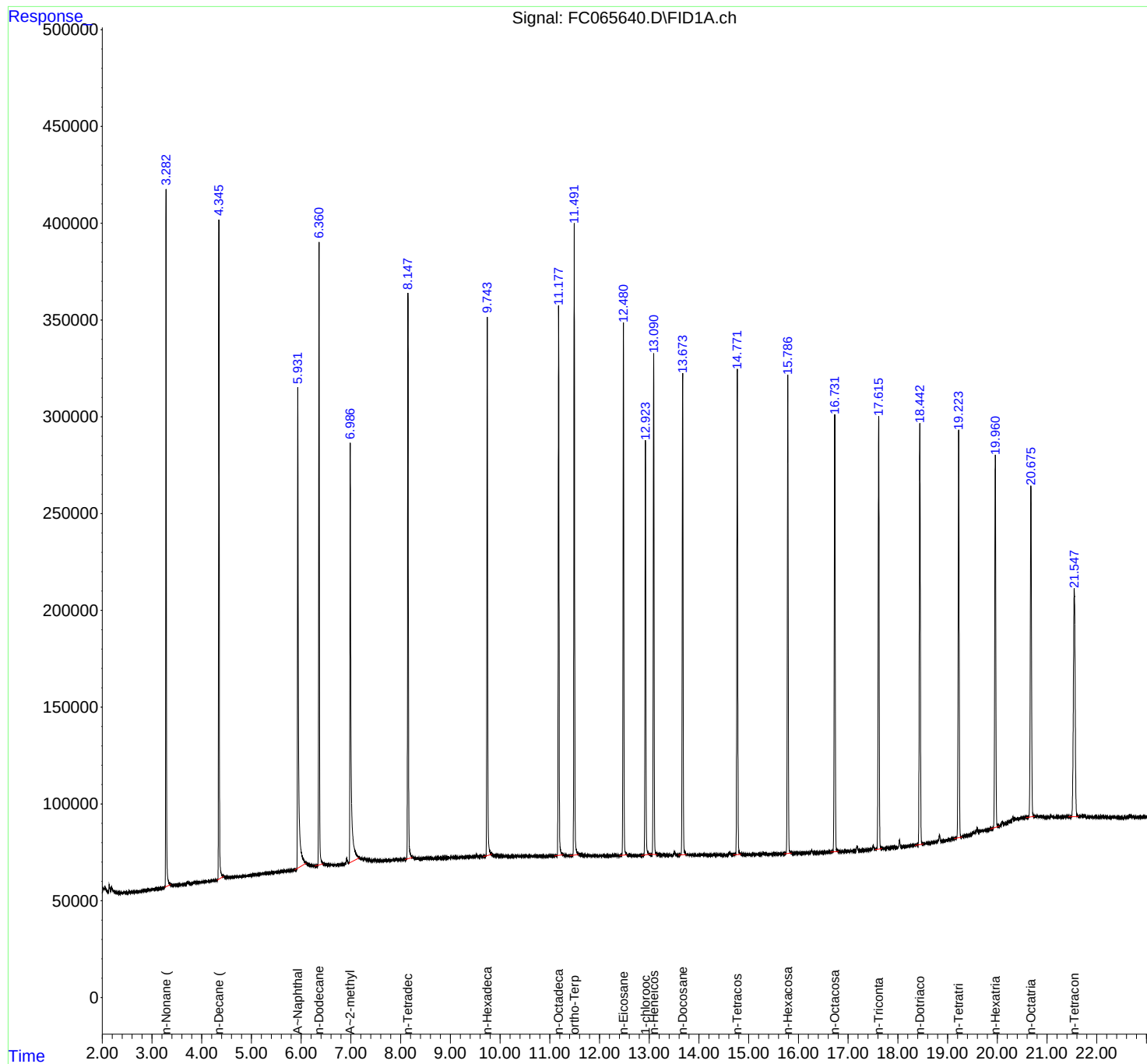
(m)=manual int.

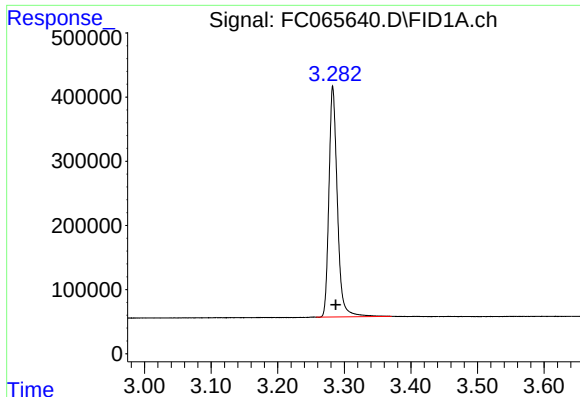
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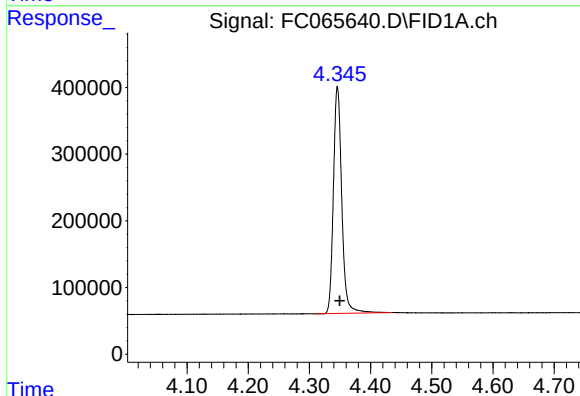




#1 n-Nonane (C9)

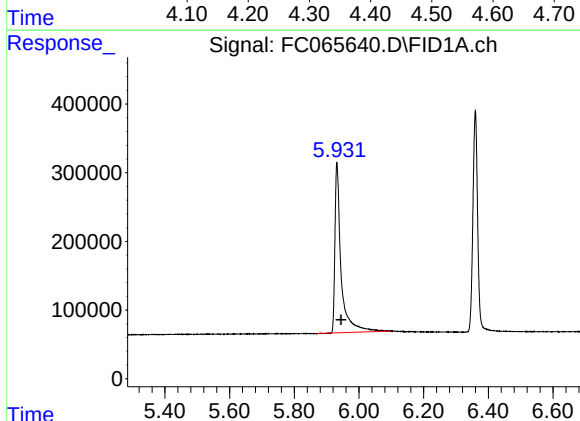
R.T.: 3.283 min
Delta R.T.: -0.004 min
Response: 3161852
Conc: 20.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



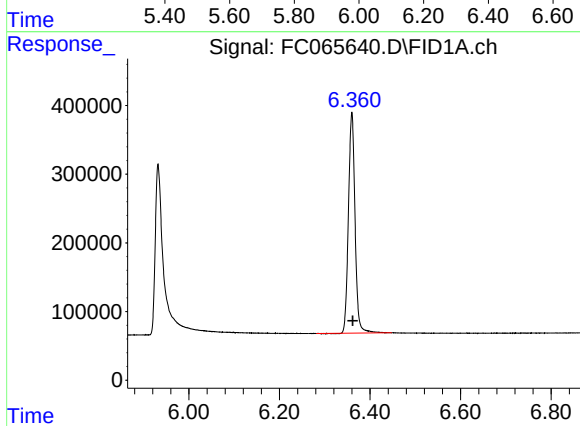
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.003 min
Response: 3234643
Conc: 20.45 ug/ml



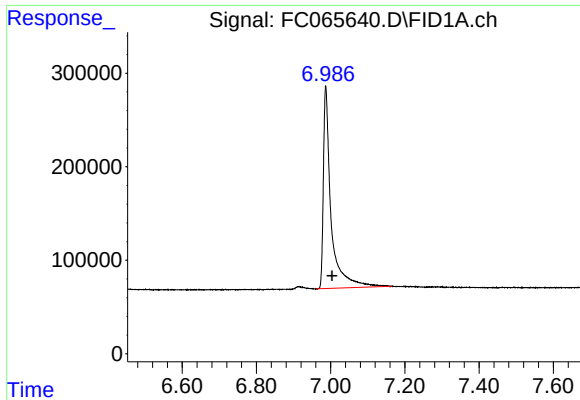
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.013 min
Response: 3298733
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

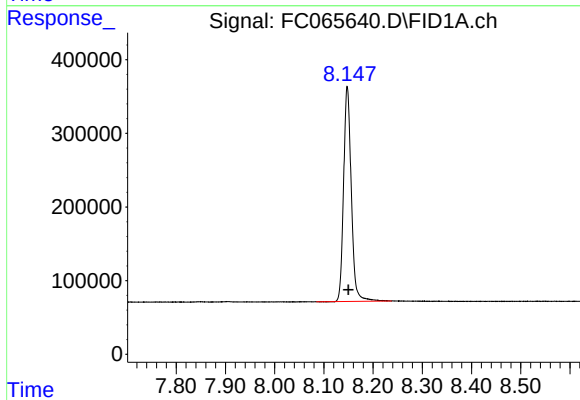
R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 3248283
Conc: 20.25 ug/ml



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

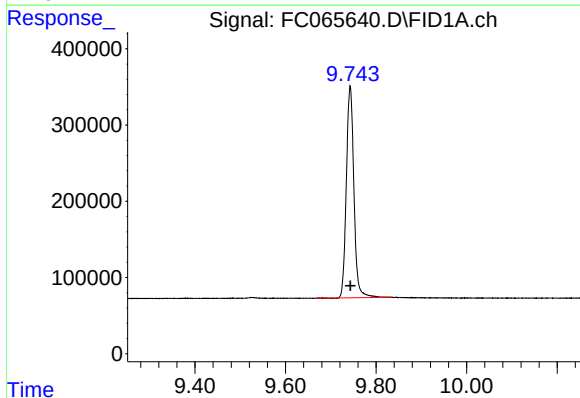
R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 3138307
Conc: 20.34 ug/ml

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20 PPM ALIPHATIC HC STD



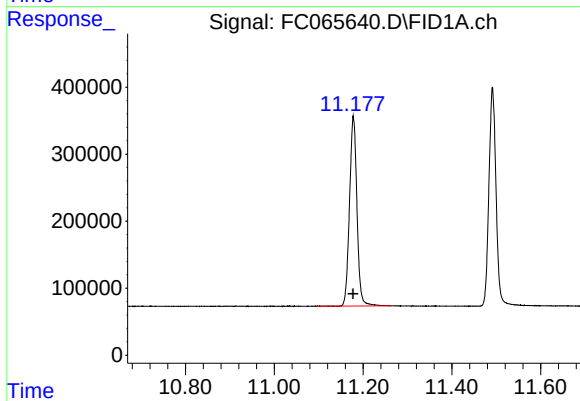
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 3172864
Conc: 20.23 ug/ml



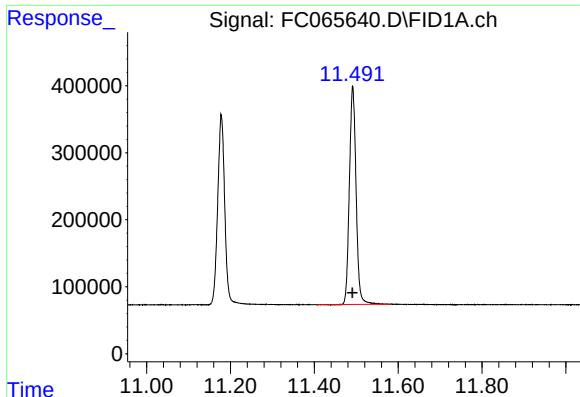
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 3221281
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

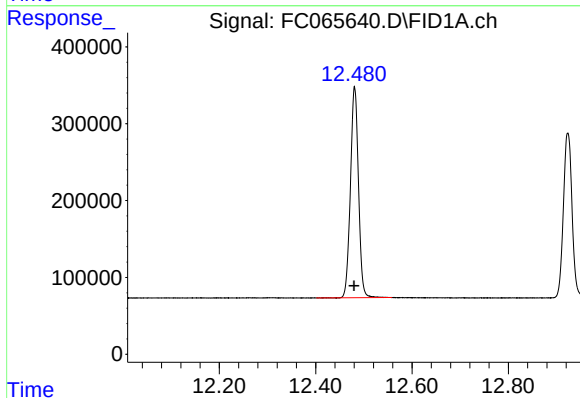
R.T.: 11.178 min
Delta R.T.: 0.001 min
Response: 3285721
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

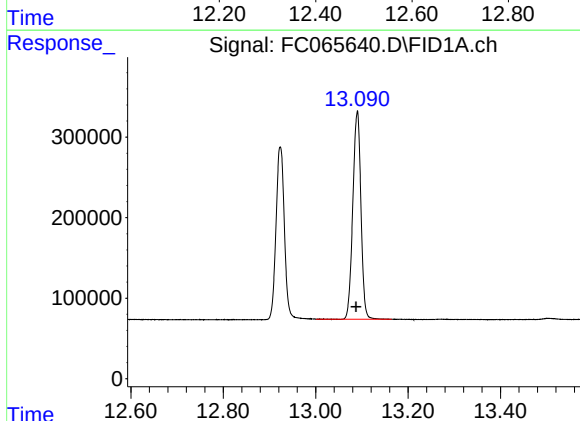
R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 3616894
Conc: 19.89 ug/ml

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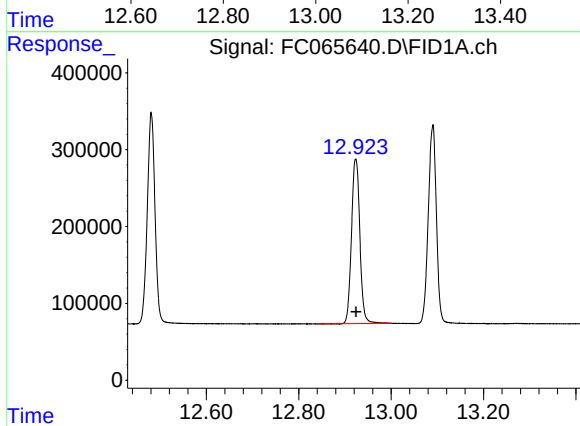
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.001 min
Response: 3186352
Conc: 20.00 ug/ml



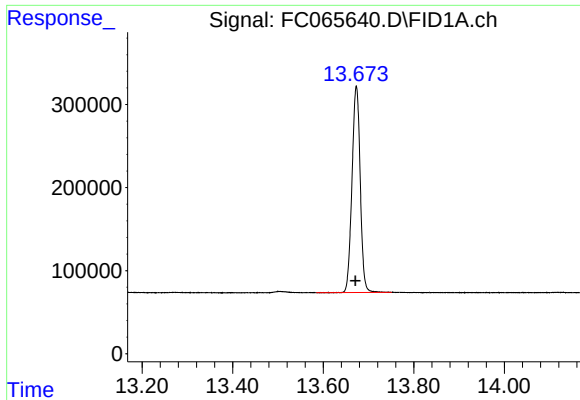
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.003 min
Response: 3144723
Conc: 20.04 ug/ml



#12 1-chlorooctadecane (SURR)

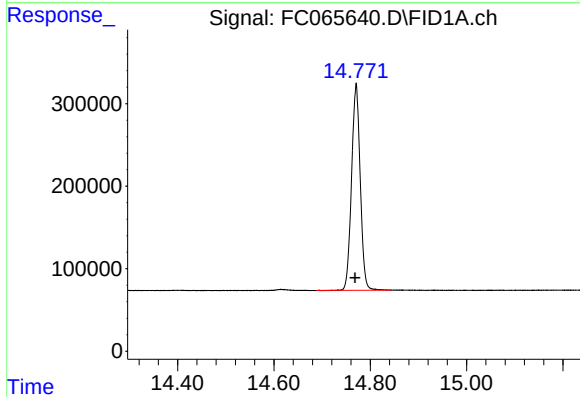
R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2687270
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

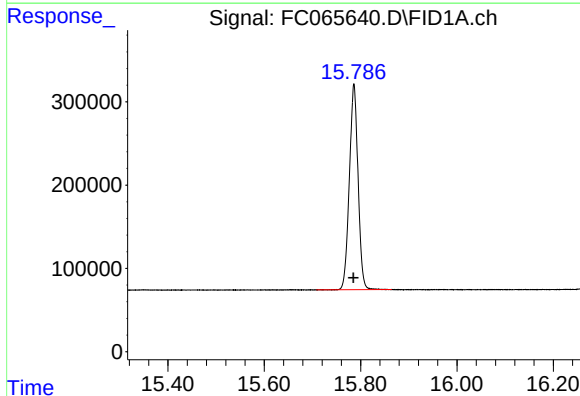
R.T.: 13.673 min
Delta R.T.: 0.002 min
Response: 3129746
Conc: 20.05 ug/ml

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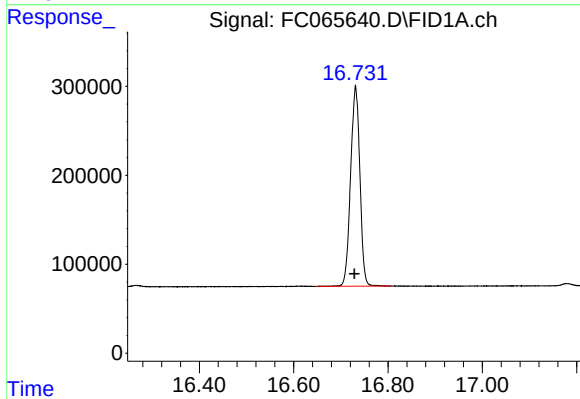
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.002 min
Response: 3135399
Conc: 20.17 ug/ml



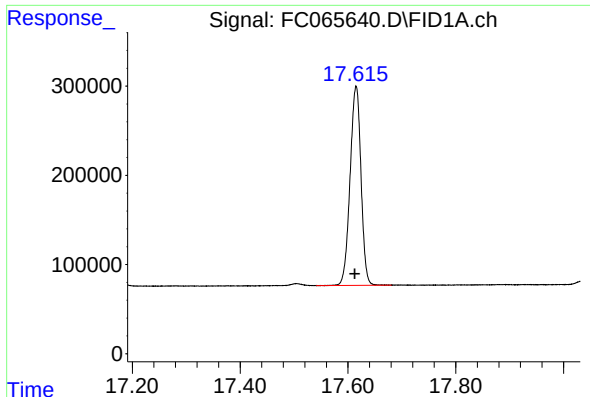
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.002 min
Response: 3103808
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

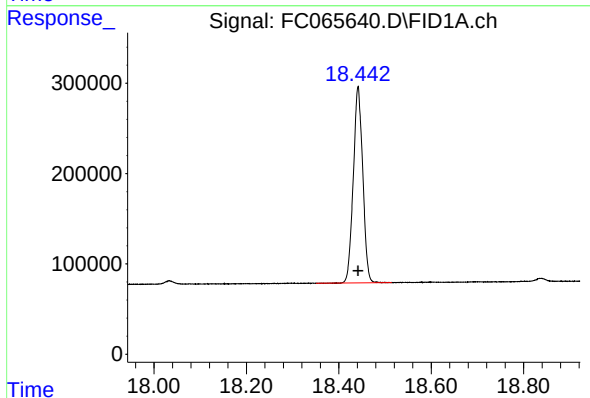
R.T.: 16.731 min
Delta R.T.: 0.002 min
Response: 3073780
Conc: 20.39 ug/ml



#17 n-Tricontane (C30)

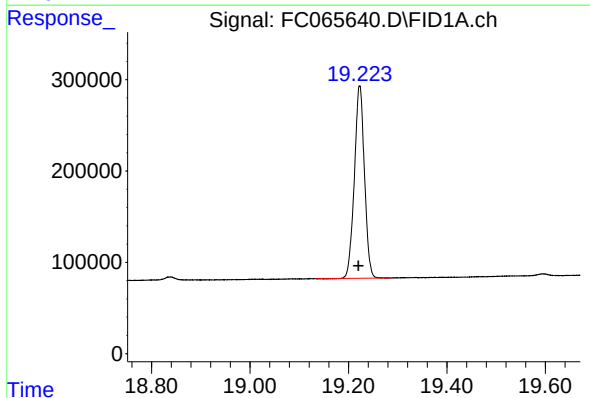
R.T.: 17.615 min
Delta R.T.: 0.002 min
Response: 3132544
Conc: 20.51 ug/ml

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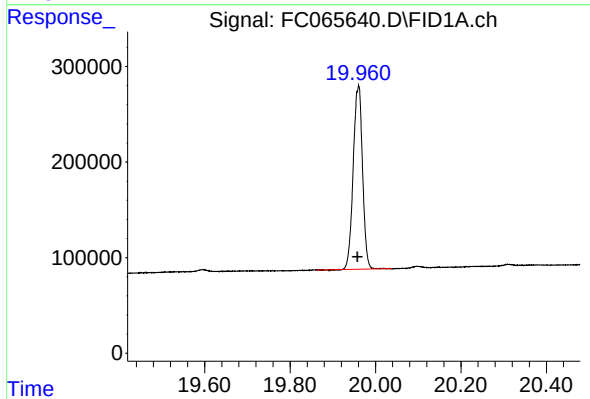
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 3085173
Conc: 20.49 ug/ml



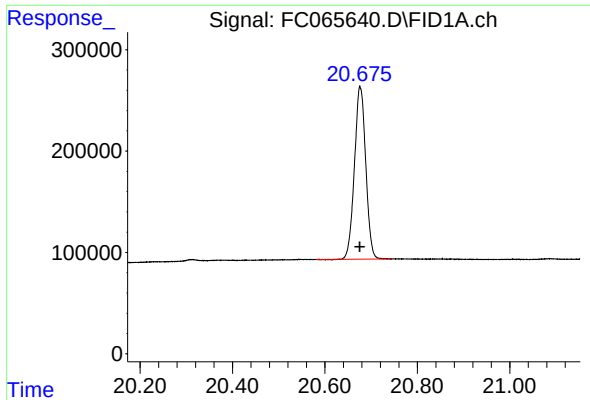
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.003 min
Response: 3002210
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

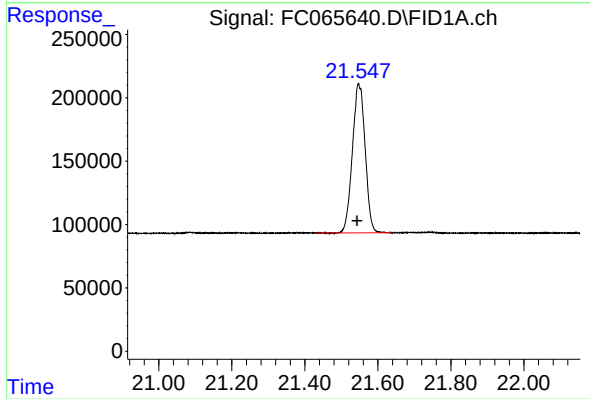
R.T.: 19.960 min
Delta R.T.: 0.003 min
Response: 2907188
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.001 min
Response: 2892646
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.005 min
Response: 2846618
Conc: 20.57 ug/ml