

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051123AL\
 Data File : FC063601.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2023 13:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 12 01:08:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.521	3718310	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	12.957	2587108	19.757 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.298	3256364	20.339 ug/ml
2) T n-Decane (C10)	4.361	3308438	20.446 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3469267	20.433 ug/ml
4) T n-Dodecane (C12)	6.377	3305558	20.306 ug/ml
5) T A~2-methylnaphthalene...	6.999	3328796	20.581 ug/ml
6) T n-Tetradecane (C14)	8.171	3229734	20.450 ug/ml
7) T n-Hexadecane (C16)	9.769	3237428	20.180 ug/ml
8) T n-Octadecane (C18)	11.208	3225962	20.142 ug/ml
10) T n-Eicosane (C20)	12.514	3010988	19.846 ug/ml
11) T n-Heneicosane (C21)	13.125	2923744	19.951 ug/ml
13) T n-Docosane (C22)	13.711	2857618	19.803 ug/ml
14) T n-Tetracosane (C24)	14.811	2796852	19.883 ug/ml
15) T n-Hexacosane (C26)	15.829	2722311	19.934 ug/ml
16) T n-Octacosane (C28)	16.775	2639583	19.956 ug/ml
17) T n-Tricontane (C30)	17.660	2691185	20.014 ug/ml
18) T n-Dotriacontane (C32)	18.490	2658969	19.914 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2586248	19.923 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2466697	19.919 ug/ml
21) T n-Octatriacontane (C38)	20.734	2502172	20.024 ug/ml
22) T n-Tetracontane (C40)	21.623	2460577	20.016 ug/ml

(f)=RT Delta > 1/2 Window

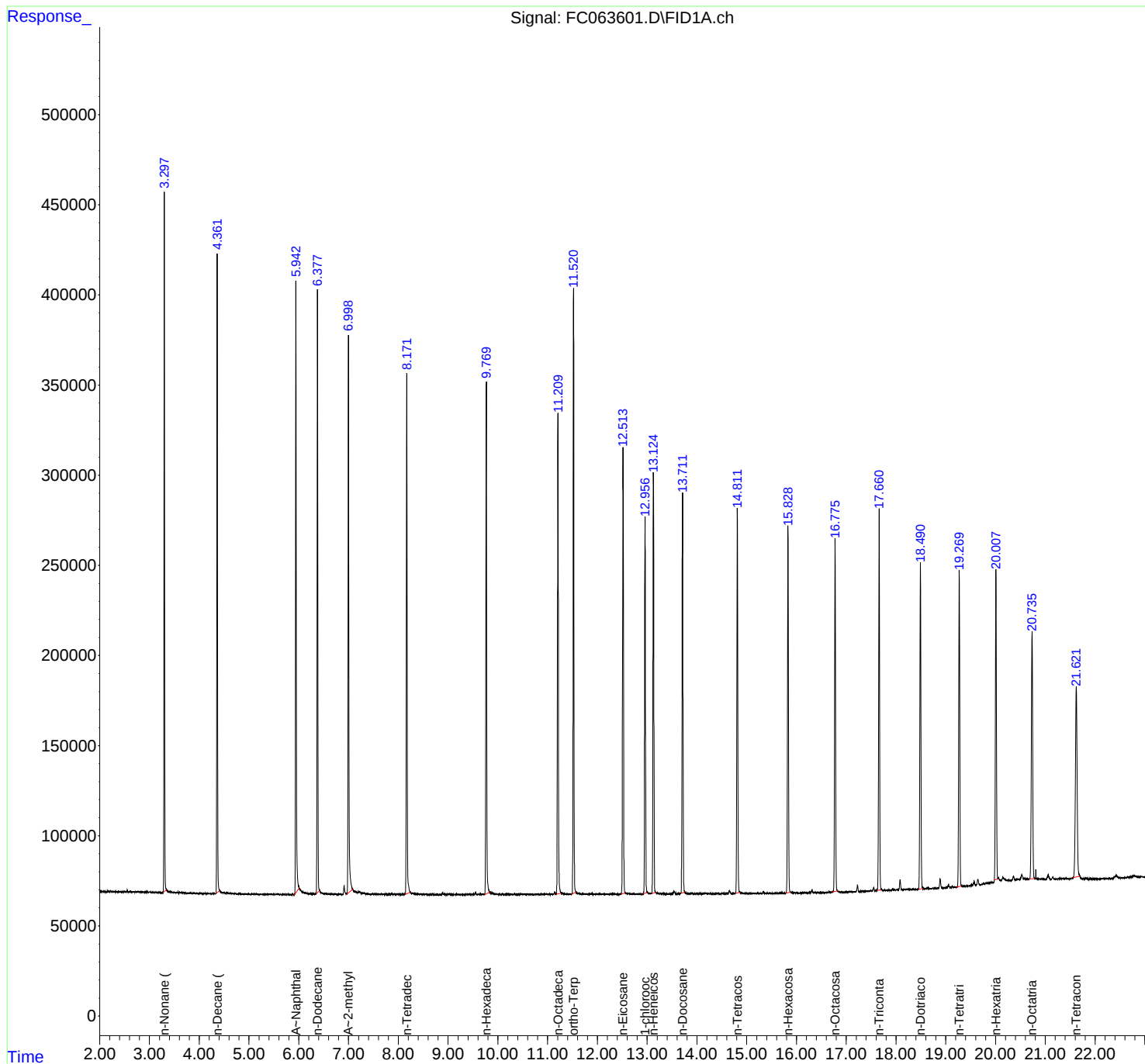
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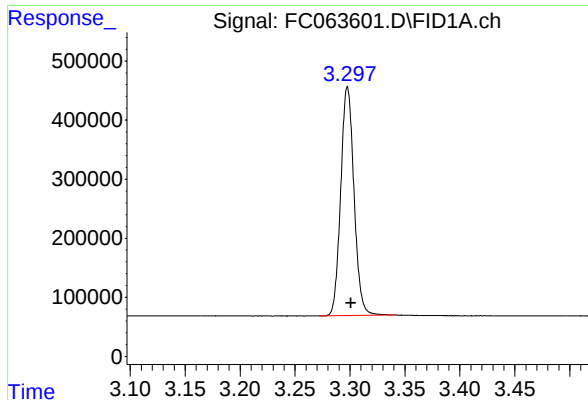
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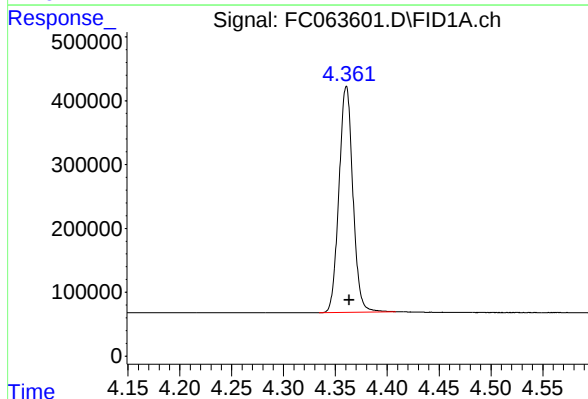




#1 n-Nonane (C9)

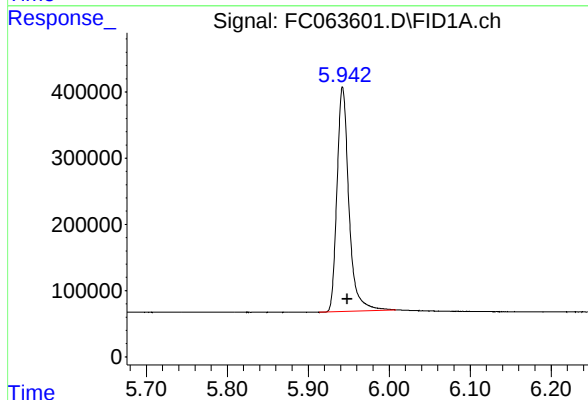
R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 3256364
Conc: 20.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



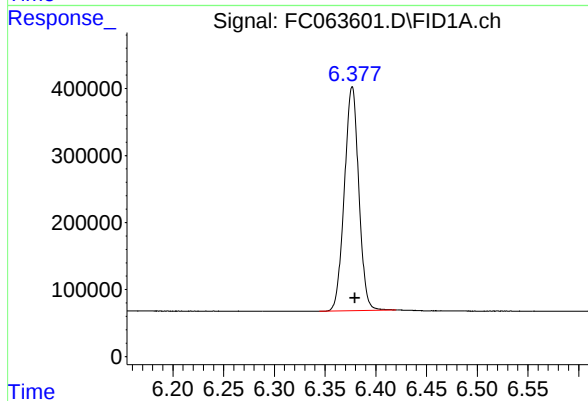
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 3308438
Conc: 20.45 ug/ml



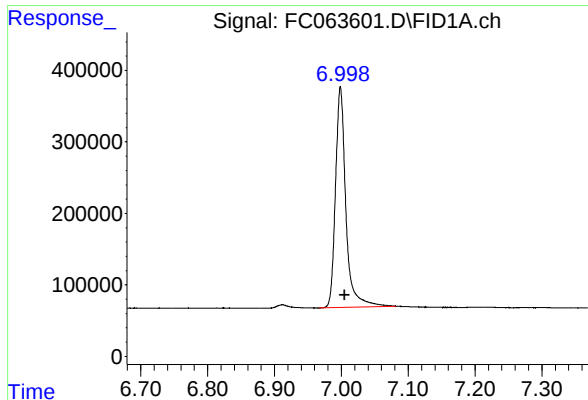
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 3469267
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

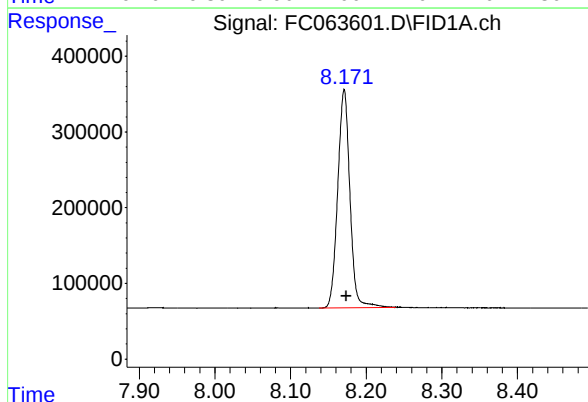
R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 3305558
Conc: 20.31 ug/ml



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

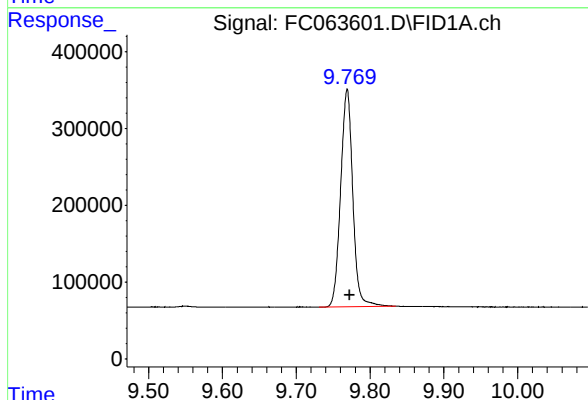
R.T.: 6.999 min
Delta R.T.: -0.006 min
Response: 3328796
Conc: 20.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



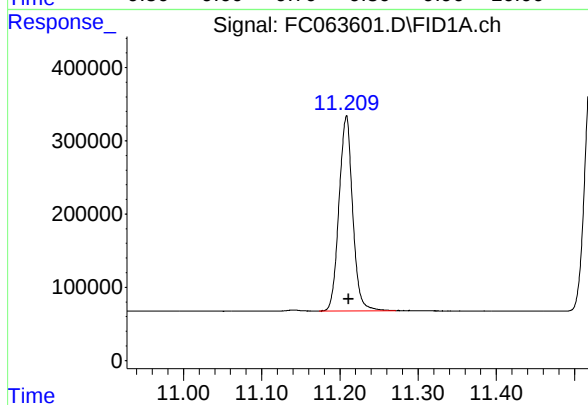
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.003 min
Response: 3229734
Conc: 20.45 ug/ml



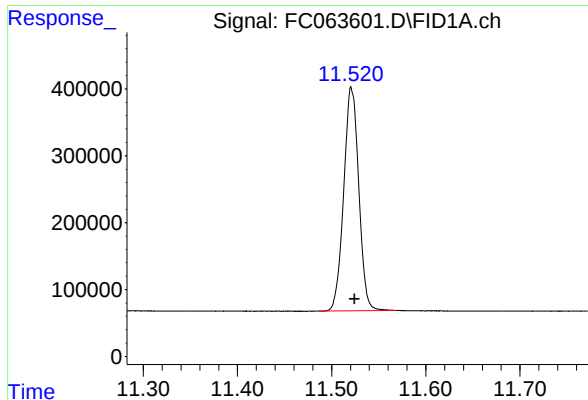
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.003 min
Response: 3237428
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

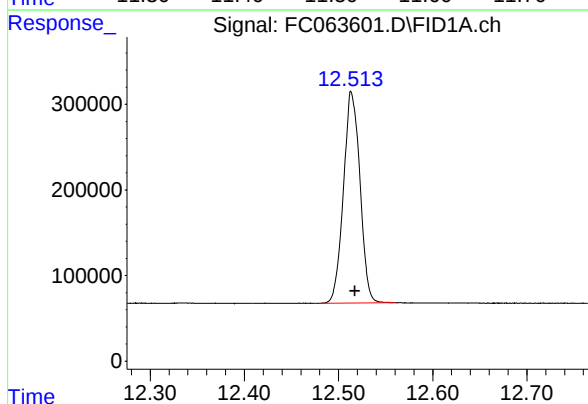
R.T.: 11.208 min
Delta R.T.: -0.003 min
Response: 3225962
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

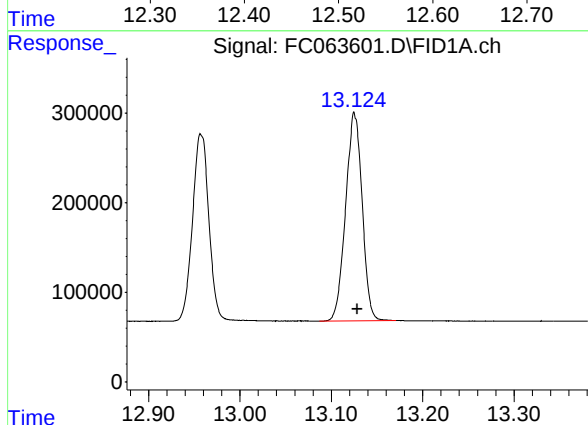
R.T.: 11.521 min
Delta R.T.: -0.003 min
Response: 3718310
Conc: 19.85 ug/ml

Instrument :
FID_C
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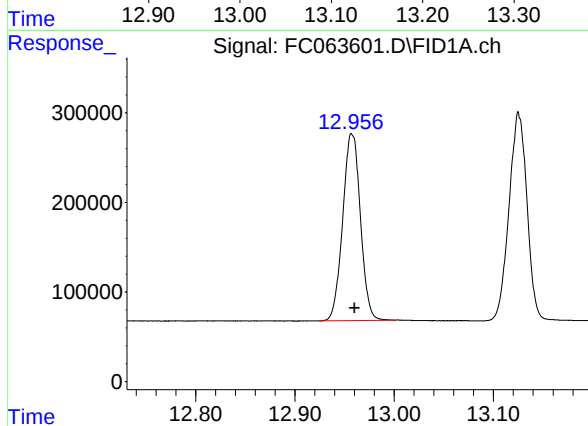
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.004 min
Response: 3010988
Conc: 19.85 ug/ml



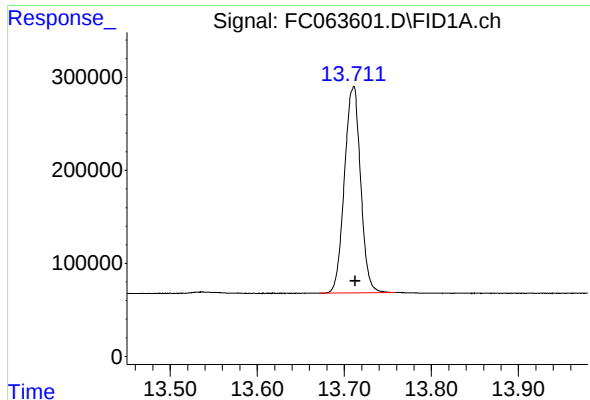
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.003 min
Response: 2923744
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

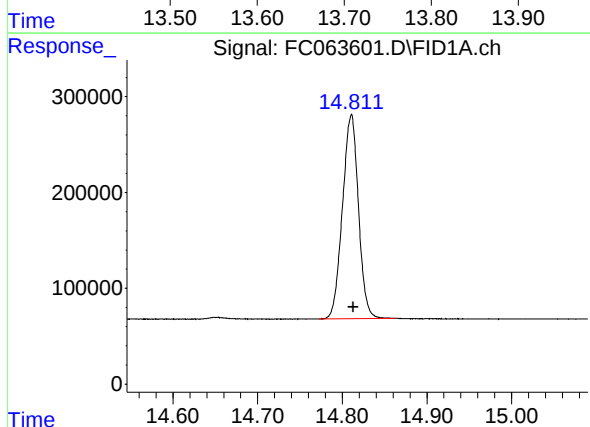
R.T.: 12.957 min
Delta R.T.: -0.003 min
Response: 2587108
Conc: 19.76 ug/ml



#13 n-Docosane (C22)

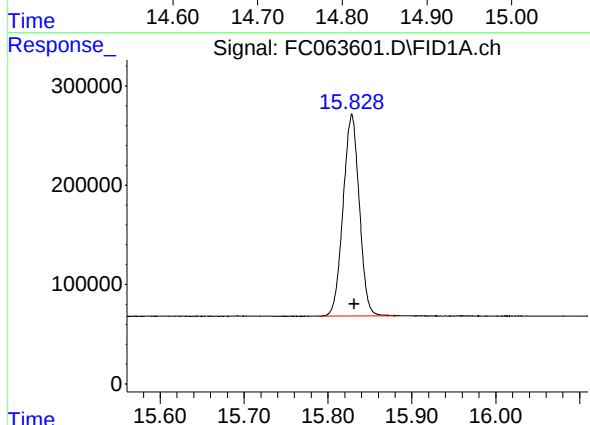
R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 2857618
Conc: 19.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



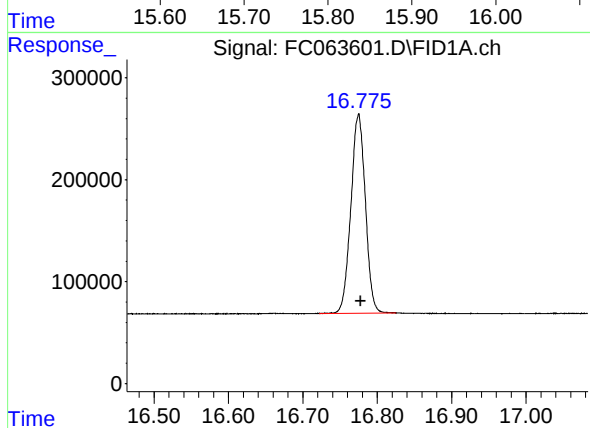
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.002 min
Response: 2796852
Conc: 19.88 ug/ml



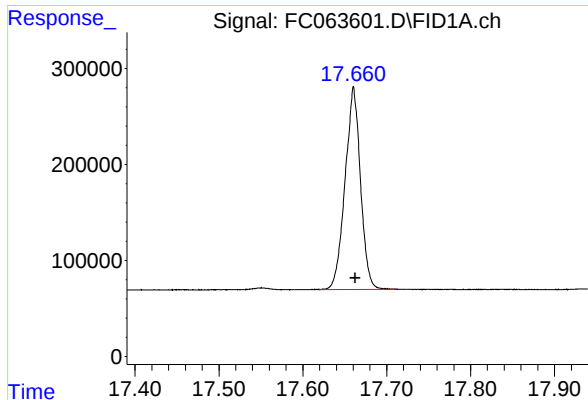
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.003 min
Response: 2722311
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

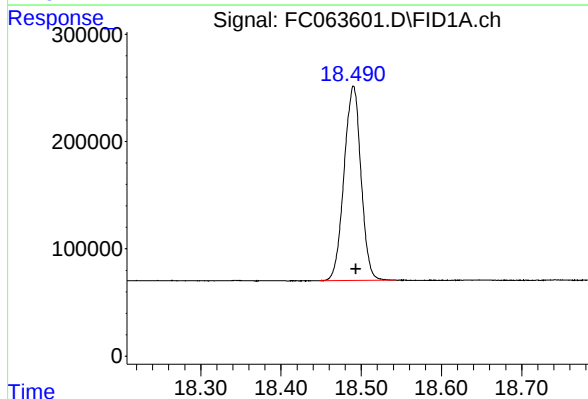
R.T.: 16.775 min
Delta R.T.: -0.003 min
Response: 2639583
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

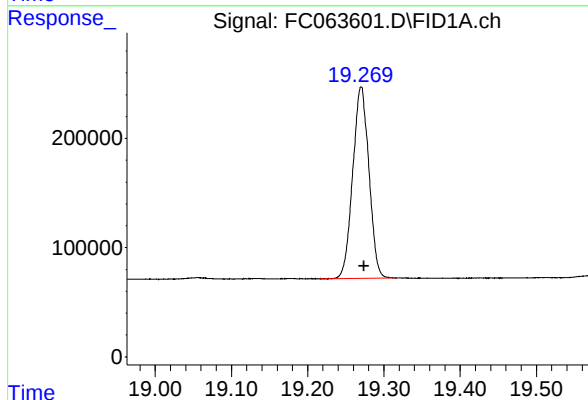
R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 2691185
Conc: 20.01 ug/ml

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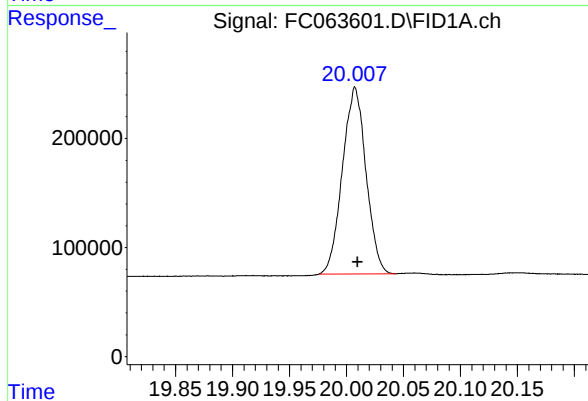
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.003 min
Response: 2658969
Conc: 19.91 ug/ml



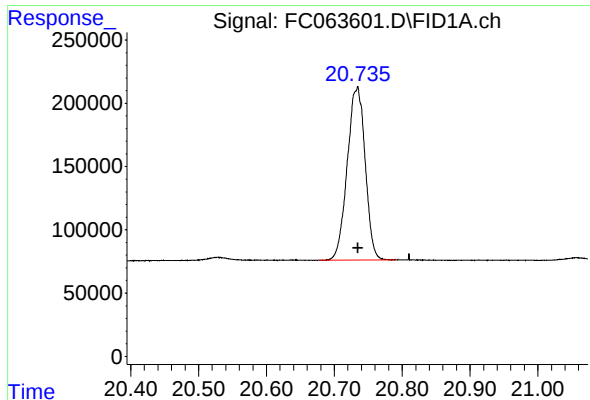
#19 n-Tetatriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.004 min
Response: 2586248
Conc: 19.92 ug/ml



#20 n-Hexatriacontane (C36)

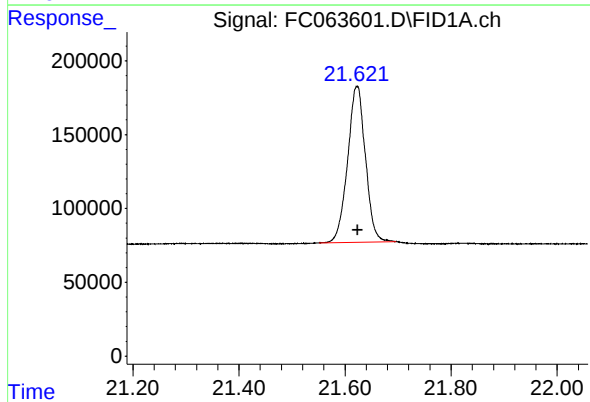
R.T.: 20.008 min
Delta R.T.: -0.002 min
Response: 2466697
Conc: 19.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.001 min
Response: 2502172
Conc: 20.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.001 min
Response: 2460577
Conc: 20.02 ug/ml