

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100624AL\
 Data File : FC067361.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2024 13:45
 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: Oct 05 02:50:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.499	2943442	19.344 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
12) S 1-chlorooctadecane (S...	12.938	2202343	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
Target Compounds			
1) T n-Nonane (C9)	3.275	2486247	19.614 ug/ml
2) T n-Decane (C10)	4.340	2562577	19.936 ug/ml
3) T A~Naphthalene (C11.7)	5.919	2817503	19.862 ug/ml
4) T n-Dodecane (C12)	6.357	2597903	20.021 ug/ml
5) T A~2-methylnaphthalene...	6.974	2742799	19.993 ug/ml
6) T n-Tetradecane (C14)	8.149	2577861	20.015 ug/ml
7) T n-Hexadecane (C16)	9.748	2648859	19.899 ug/ml
8) T n-Octadecane (C18)	11.188	2669587	19.687 ug/ml
10) T n-Eicosane (C20)	12.495	2552813	19.551 ug/ml
11) T n-Heneicosane (C21)	13.106	2496750	19.467 ug/ml
13) T n-Docosane (C22)	13.692	2491387	19.512 ug/ml
14) T n-Tetracosane (C24)	14.793	2478727	19.381 ug/ml
15) T n-Hexacosane (C26)	15.813	2430622	19.278 ug/ml
16) T n-Octacosane (C28)	16.761	2467738	19.643 ug/ml
17) T n-Tricontane (C30)	17.647	2643669	20.521 ug/ml
18) T n-Dotriacontane (C32)	18.478	2639252	21.126 ug/ml
19) T n-Tetratriacontane (C34)	19.261	2291913	20.973 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1933903	20.461 ug/ml
21) T n-Octatriacontane (C38)	20.722	1794970	20.467 ug/ml
22) T n-Tetracontane (C40)	21.610	1762037	20.477 ug/ml

(f)=RT Delta > 1/2 Window

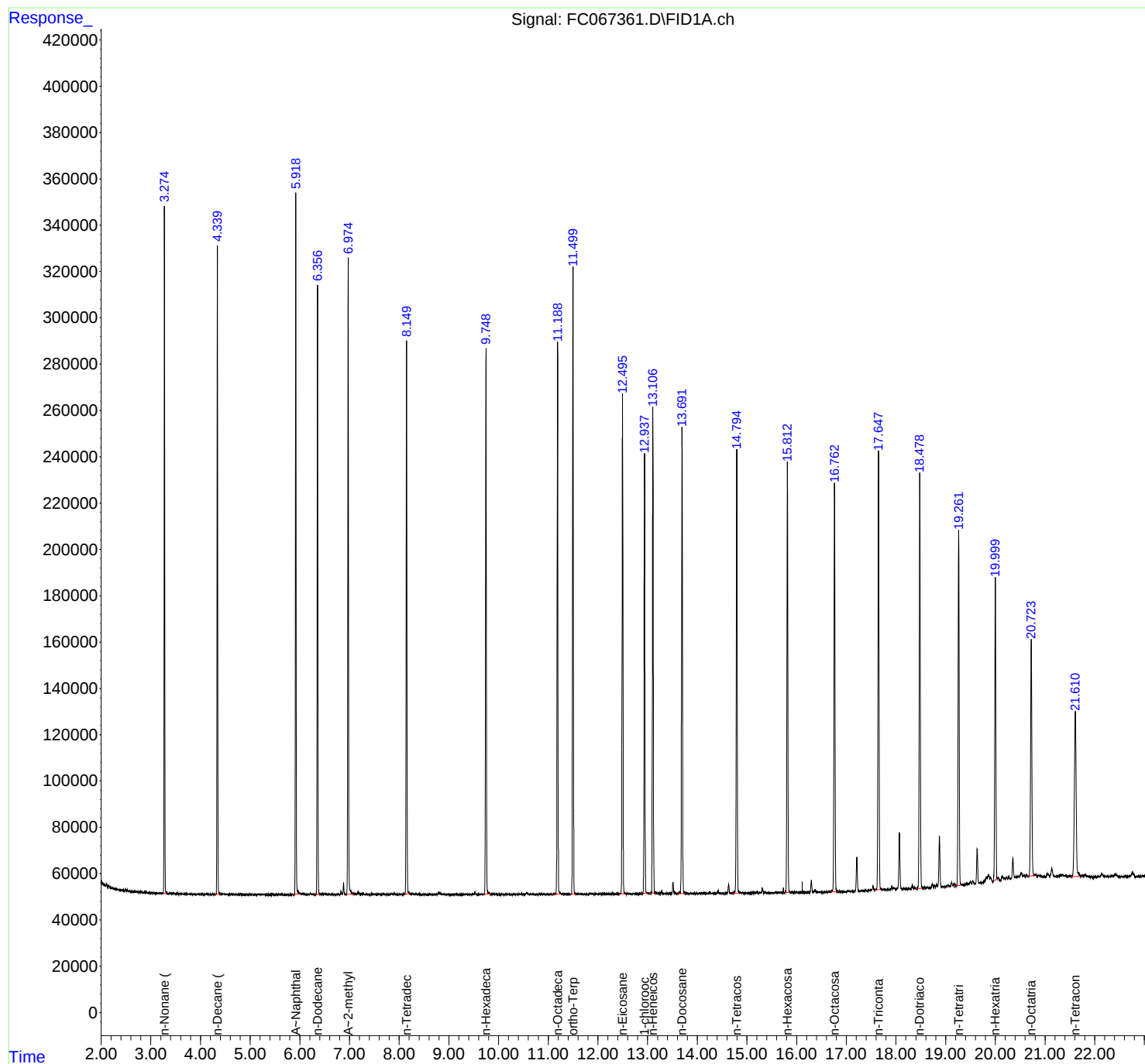
(m)=manual int.

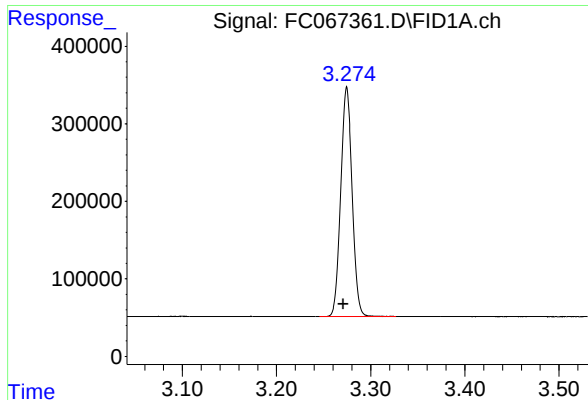
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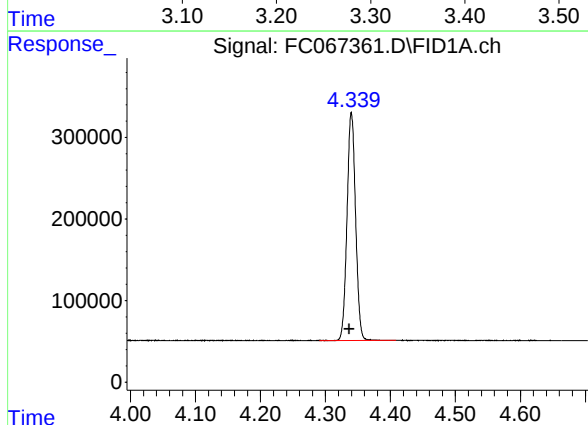




#1 n-Nonane (C9)

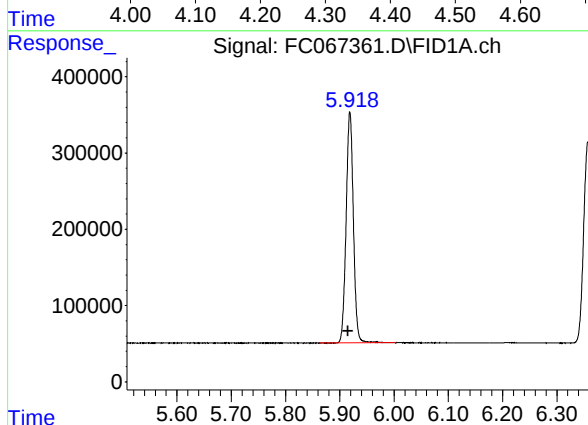
R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2486247
Conc: 19.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



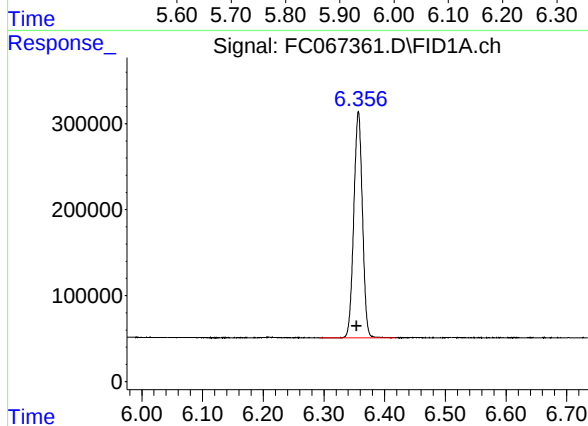
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 2562577
Conc: 19.94 ug/ml



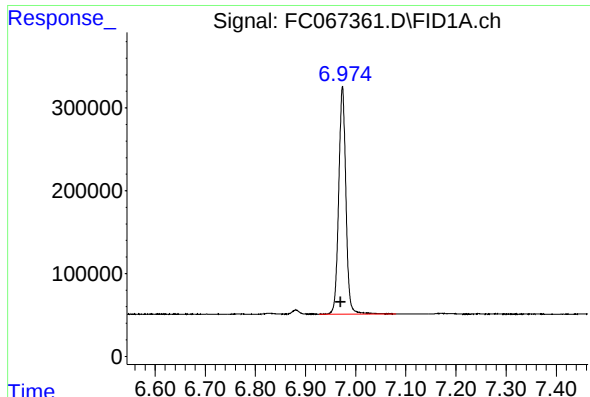
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: 0.004 min
Response: 2817503
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

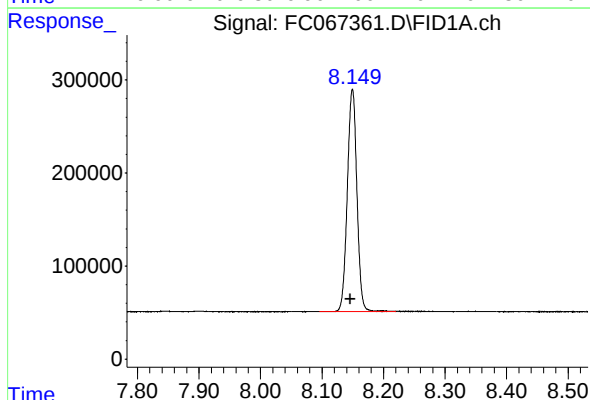
R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 2597903
Conc: 20.02 ug/ml



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

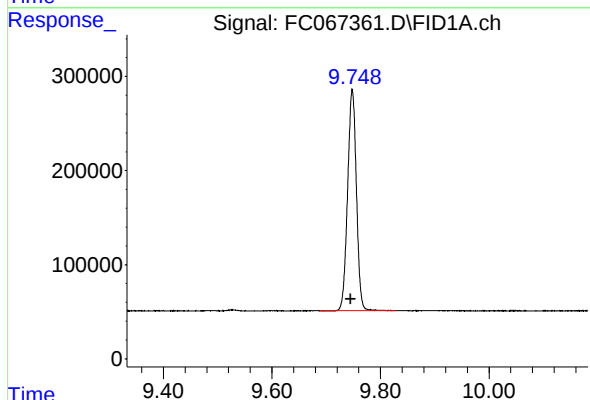
R.T.: 6.974 min
Delta R.T.: 0.004 min
Response: 2742799
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



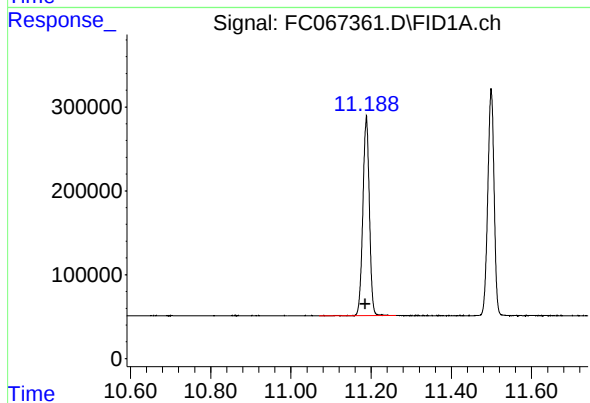
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.003 min
Response: 2577861
Conc: 20.01 ug/ml



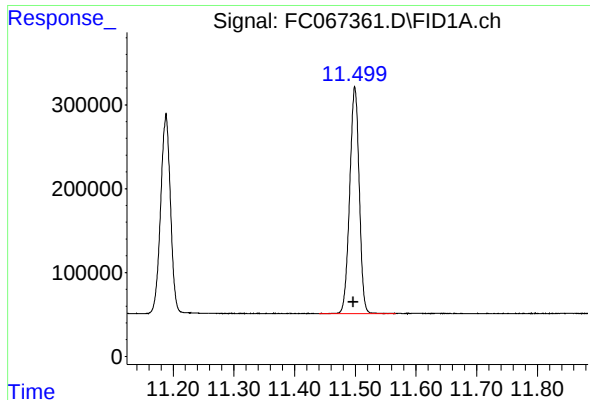
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 2648859
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

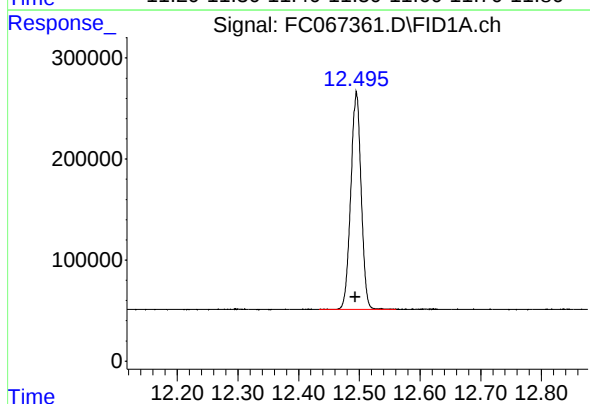
R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 2669587
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

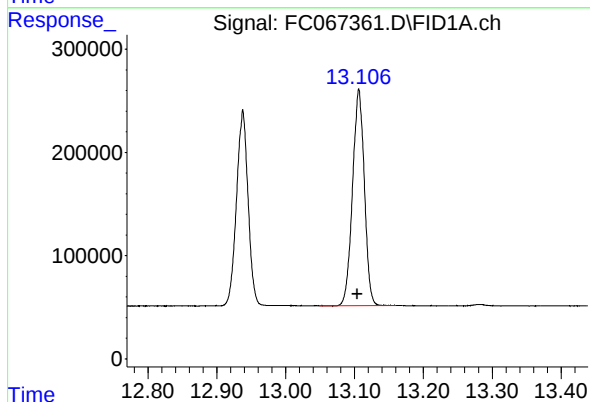
R.T.: 11.499 min
Delta R.T.: 0.002 min
Response: 2943442
Conc: 19.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



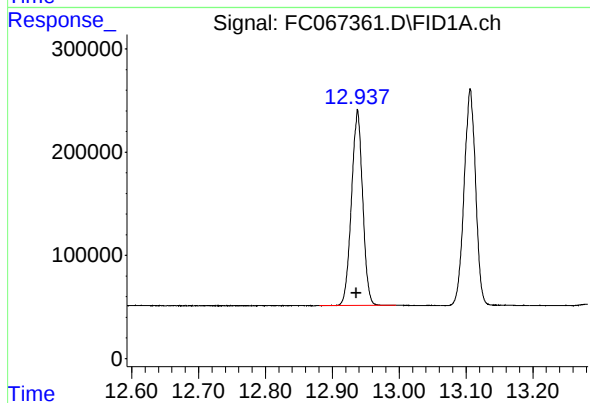
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.002 min
Response: 2552813
Conc: 19.55 ug/ml



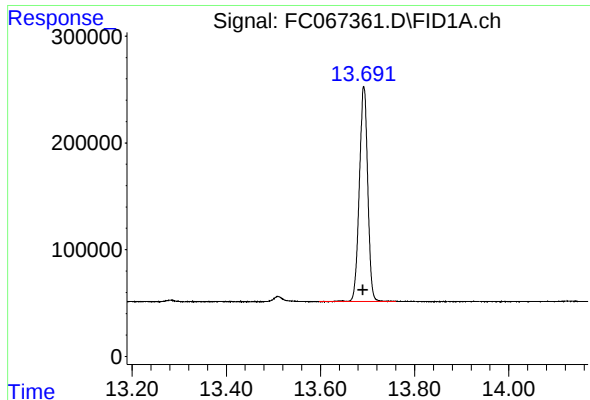
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 2496750
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

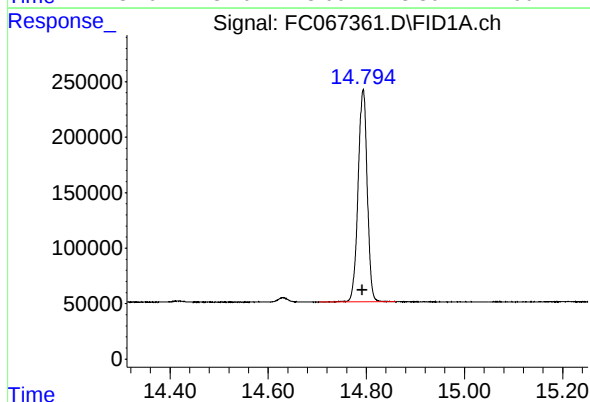
R.T.: 12.938 min
Delta R.T.: 0.002 min
Response: 2202343
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

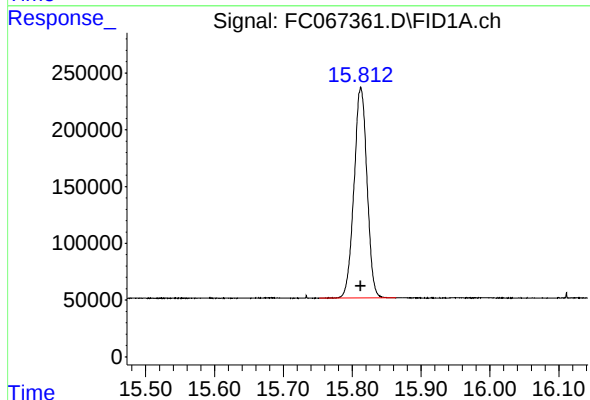
R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 2491387
Conc: 19.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



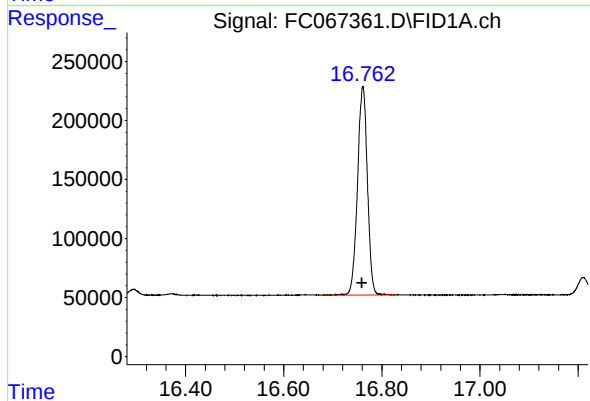
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: 0.001 min
Response: 2478727
Conc: 19.38 ug/ml



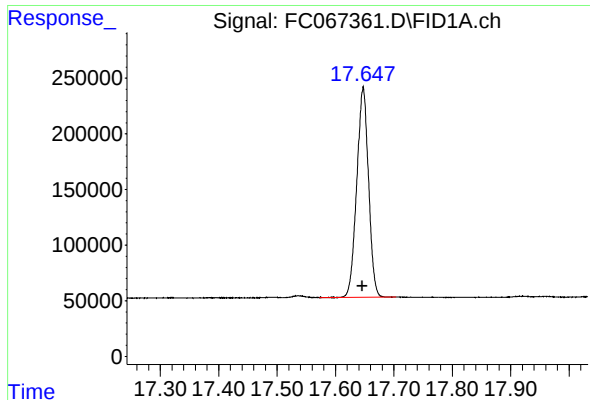
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 2430622
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

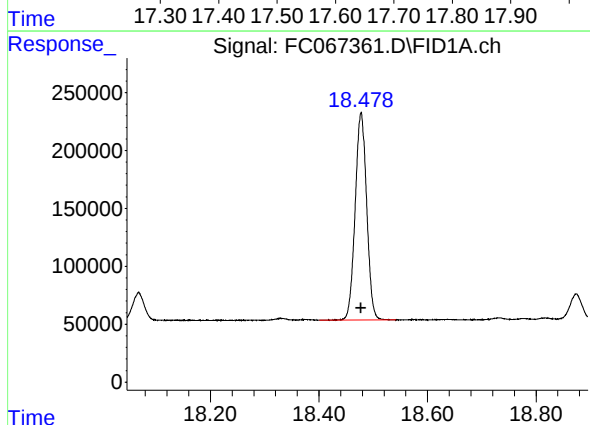
R.T.: 16.761 min
Delta R.T.: 0.002 min
Response: 2467738
Conc: 19.64 ug/ml



#17 n-Tricontane (C30)

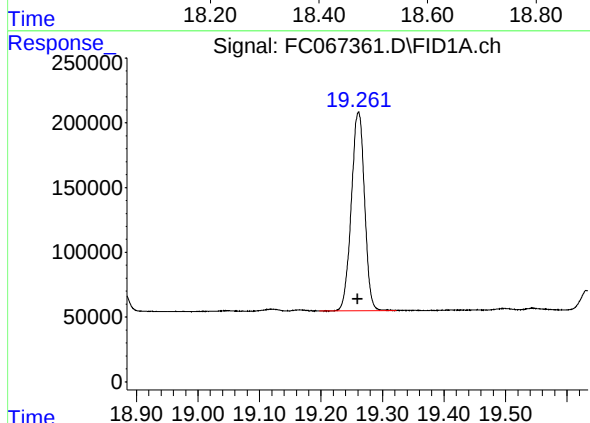
R.T.: 17.647 min
Delta R.T.: 0.001 min
Response: 2643669
Conc: 20.52 ug/ml

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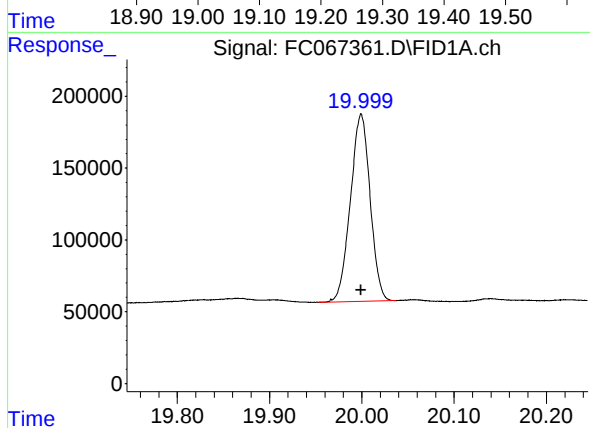
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2639252
Conc: 21.13 ug/ml



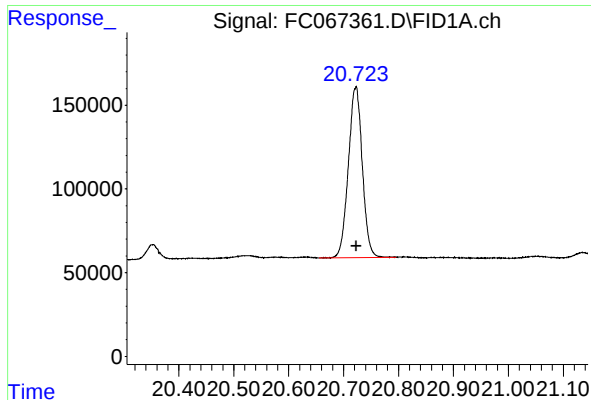
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.001 min
Response: 2291913
Conc: 20.97 ug/ml



#20 n-Hexatriacontane (C36)

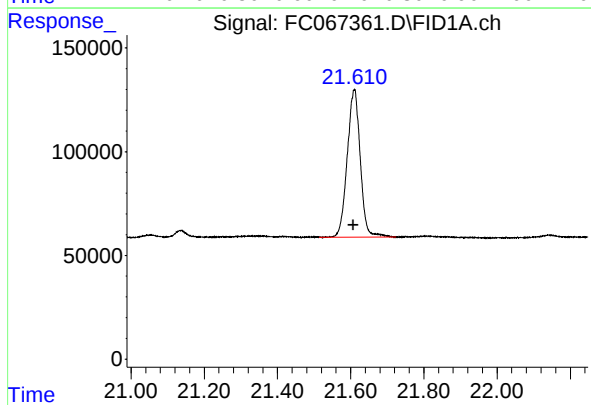
R.T.: 19.999 min
Delta R.T.: 0.000 min
Response: 1933903
Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.000 min
Response: 1794970
Conc: 20.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.002 min
Response: 1762037
Conc: 20.48 ug/ml