

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
 Data File : FC068132.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 15:06
 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: Jan 29 00:44:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.427	2859008	18.296 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
12) S 1-chlorooctadecane (S...	12.868	2105479	18.308 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
Target Compounds			
1) T n-Nonane (C9)	3.229	2507198	18.310 ug/ml
2) T n-Decane (C10)	4.288	2574730	18.546 ug/ml
3) T A~Naphthalene (C11.7)	5.857	2801716	18.662 ug/ml
4) T n-Dodecane (C12)	6.297	2577962	18.454 ug/ml
5) T A~2-methylnaphthalene...	6.910	2681687	18.670 ug/ml
6) T n-Tetradecane (C14)	8.086	2524741	18.499 ug/ml
7) T n-Hexadecane (C16)	9.682	2571902	18.510 ug/ml
8) T n-Octadecane (C18)	11.121	2575161	18.405 ug/ml
10) T n-Eicosane (C20)	12.427	2455034	18.348 ug/ml
11) T n-Heneicosane (C21)	13.037	2404020	18.304 ug/ml
13) T n-Docosane (C22)	13.623	2375706	18.340 ug/ml
14) T n-Tetracosane (C24)	14.723	2350334	18.307 ug/ml
15) T n-Hexacosane (C26)	15.742	2304647	18.315 ug/ml
16) T n-Octacosane (C28)	16.691	2325396	18.592 ug/ml
17) T n-Tricontane (C30)	17.576	2467640	19.091 ug/ml
18) T n-Dotriacontane (C32)	18.407	2419064	19.351 ug/ml
19) T n-Tetratriacontane (C34)	19.190	2095897	19.321 ug/ml
20) T n-Hexatriacontane (C36)	19.929	1775801	19.189 ug/ml
21) T n-Octatriacontane (C38)	20.643	1642652	19.170 ug/ml
22) T n-Tetracontane (C40)	21.505	1563672	19.338 ug/ml

(f)=RT Delta > 1/2 Window

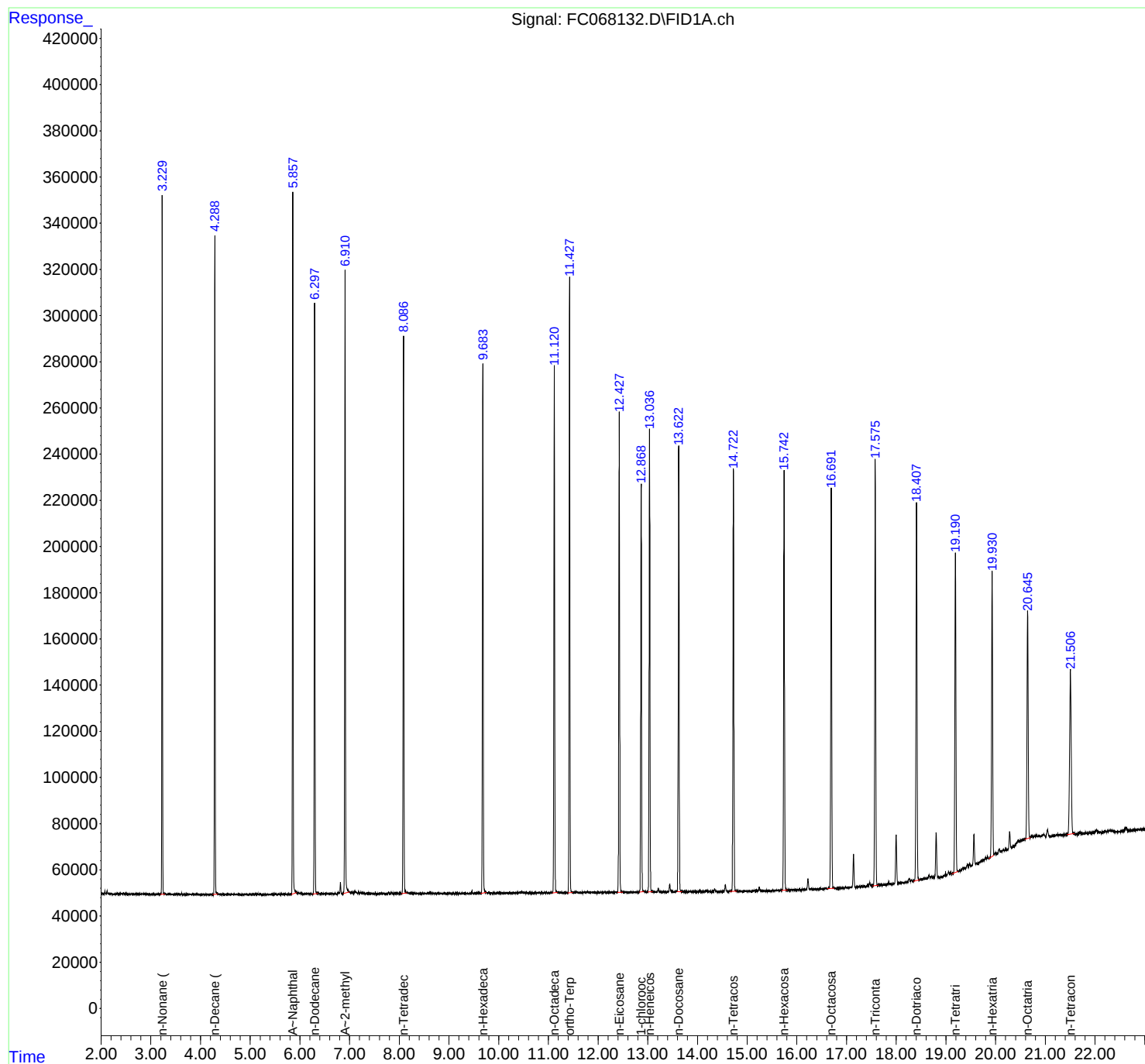
(m)=manual int.

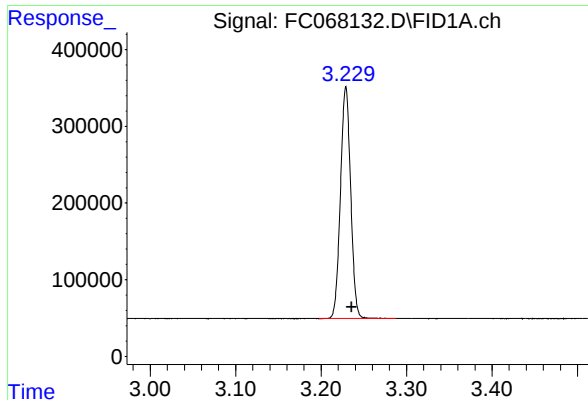
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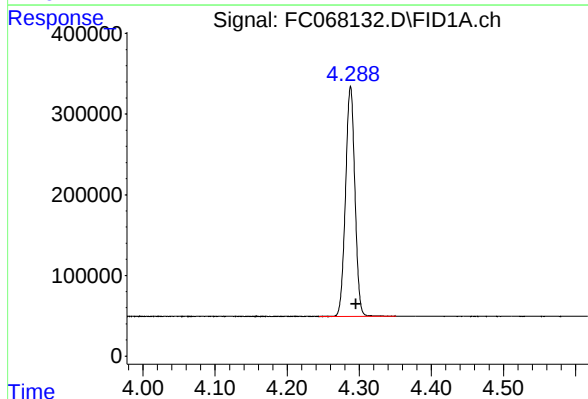




#1 n-Nonane (C9)

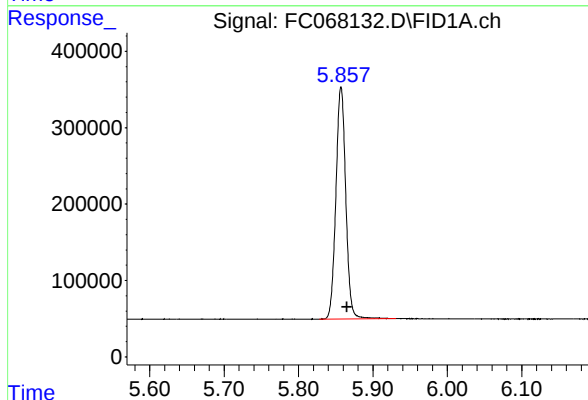
R.T.: 3.229 min
Delta R.T.: -0.007 min
Response: 2507198
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



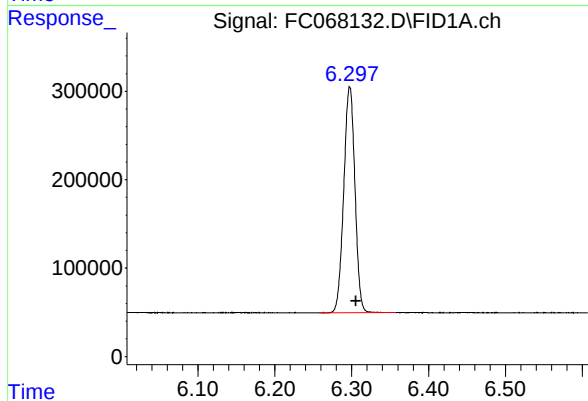
#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.008 min
Response: 2574730
Conc: 18.55 ug/ml



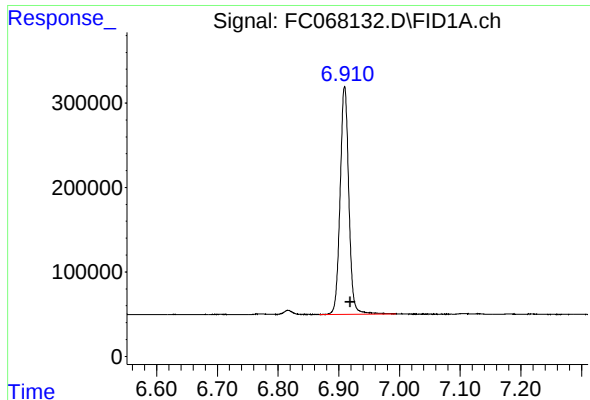
#3 A~Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.008 min
Response: 2801716
Conc: 18.66 ug/ml



#4 n-Dodecane (C12)

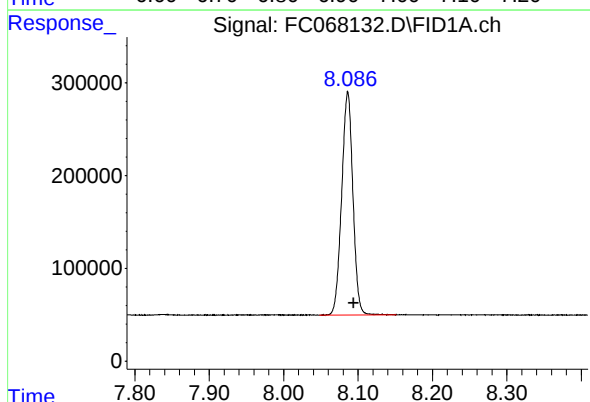
R.T.: 6.297 min
Delta R.T.: -0.008 min
Response: 2577962
Conc: 18.45 ug/ml



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

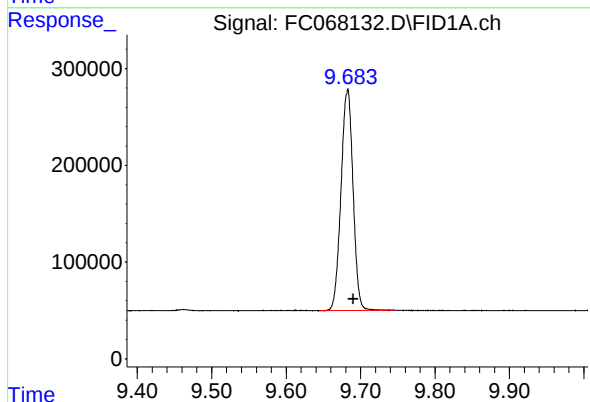
R.T.: 6.910 min
Delta R.T.: -0.009 min
Response: 2681687
Conc: 18.67 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



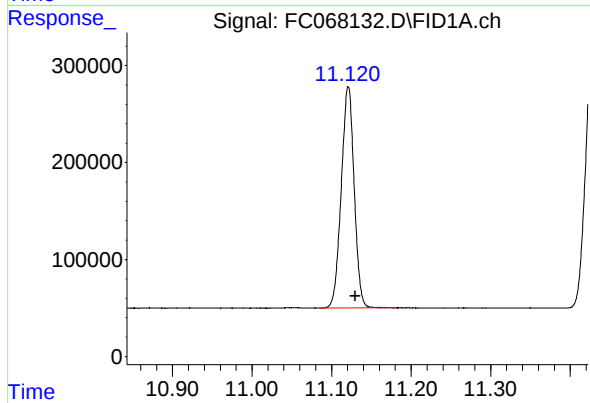
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: -0.008 min
Response: 2524741
Conc: 18.50 ug/ml



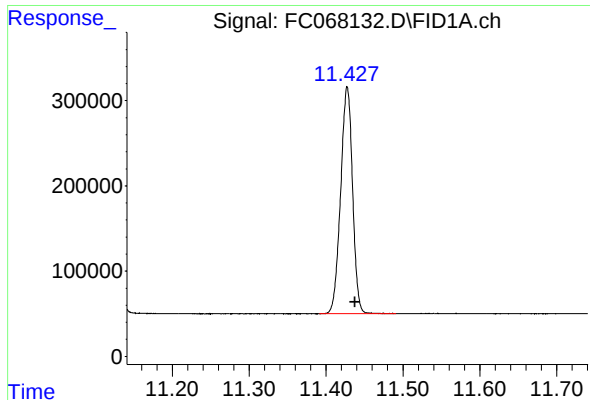
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: -0.008 min
Response: 2571902
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

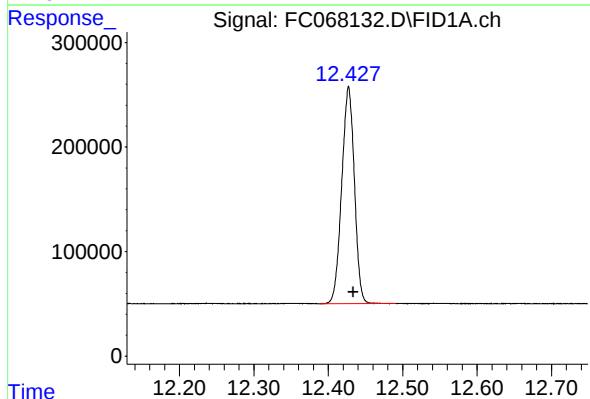
R.T.: 11.121 min
Delta R.T.: -0.009 min
Response: 2575161
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

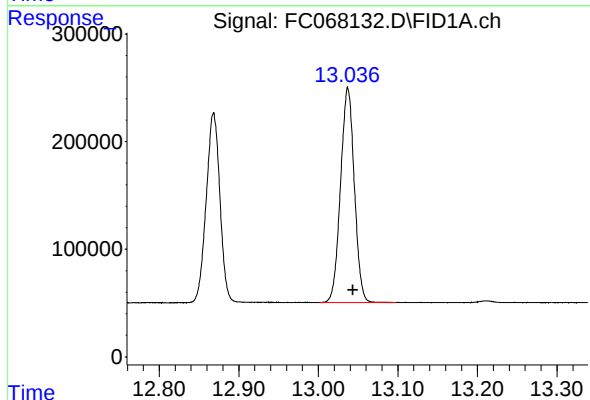
R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 2859008
Conc: 18.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



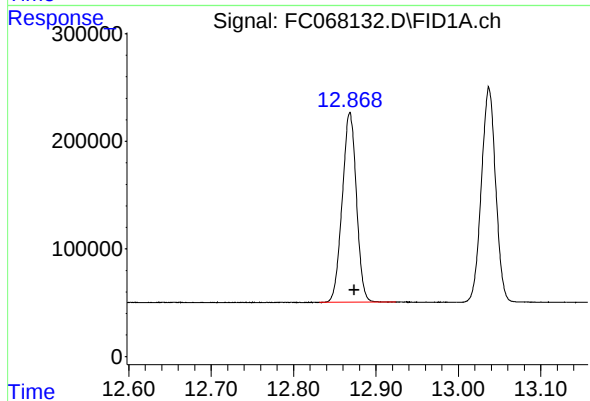
#10 n-Eicosane (C20)

R.T.: 12.427 min
Delta R.T.: -0.006 min
Response: 2455034
Conc: 18.35 ug/ml



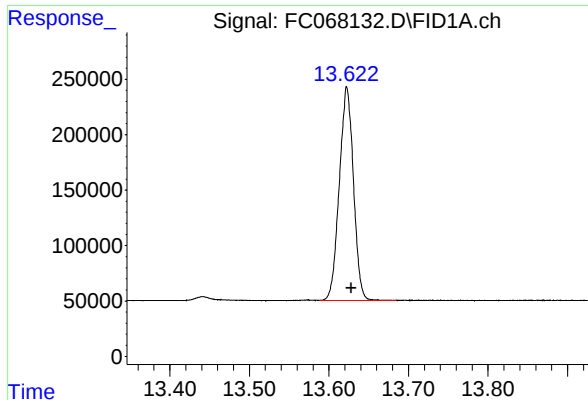
#11 n-Heneicosane (C21)

R.T.: 13.037 min
Delta R.T.: -0.006 min
Response: 2404020
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

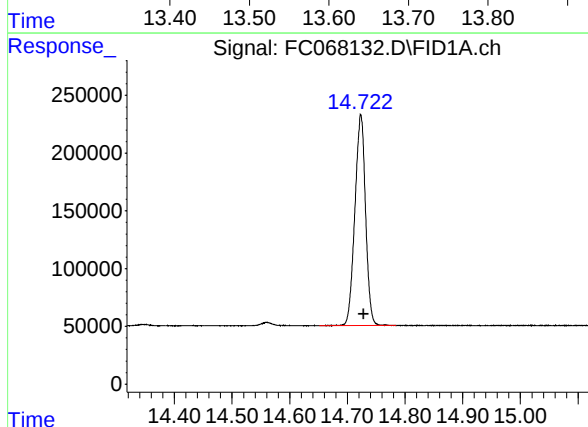
R.T.: 12.868 min
Delta R.T.: -0.006 min
Response: 2105479
Conc: 18.31 ug/ml



#13 n-Docosane (C22)

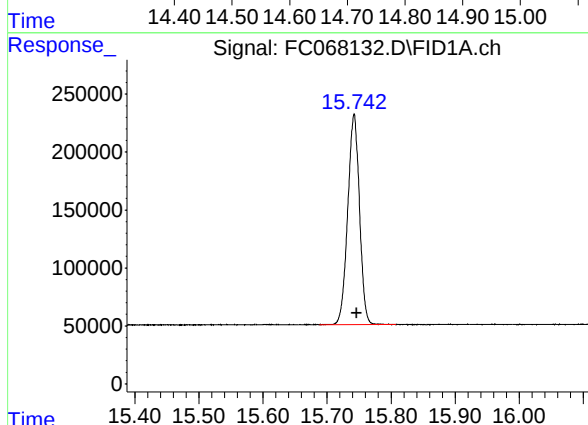
R.T.: 13.623 min
Delta R.T.: -0.006 min
Response: 2375706
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



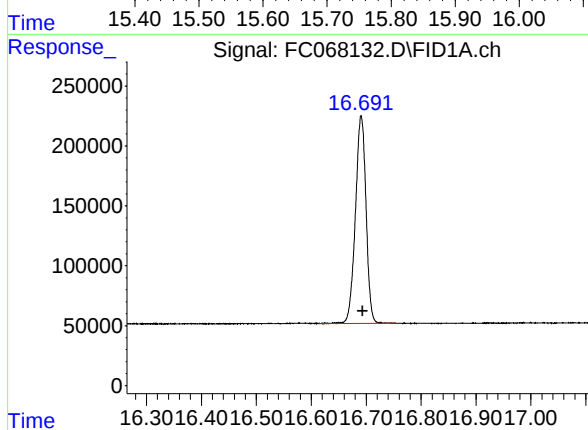
#14 n-Tetracosane (C24)

R.T.: 14.723 min
Delta R.T.: -0.005 min
Response: 2350334
Conc: 18.31 ug/ml



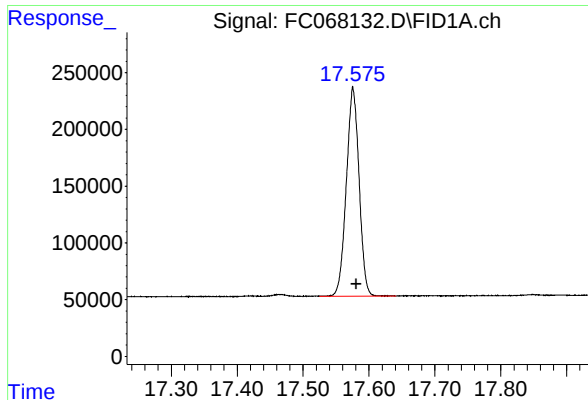
#15 n-Hexacosane (C26)

R.T.: 15.742 min
Delta R.T.: -0.004 min
Response: 2304647
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

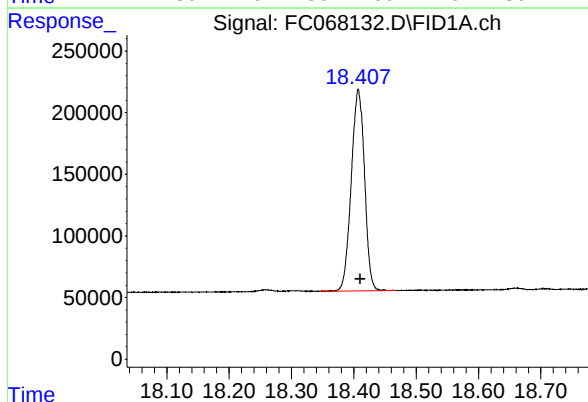
R.T.: 16.691 min
Delta R.T.: -0.003 min
Response: 2325396
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

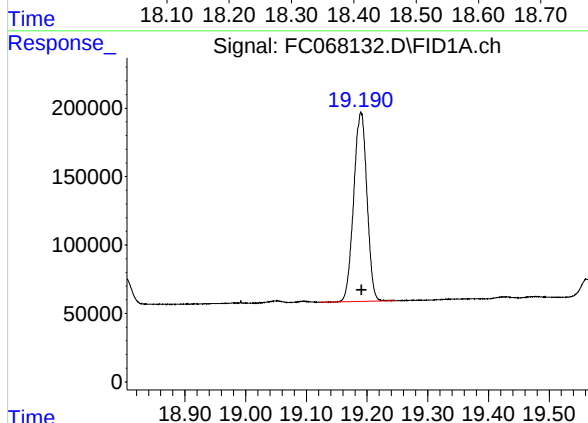
R.T.: 17.576 min
Delta R.T.: -0.005 min
Response: 2467640
Conc: 19.09 ug/ml

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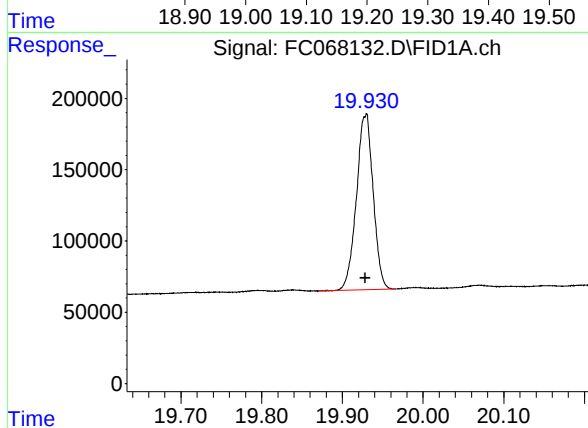
#18 n-Dotriacontane (C32)

R.T.: 18.407 min
Delta R.T.: -0.003 min
Response: 2419064
Conc: 19.35 ug/ml



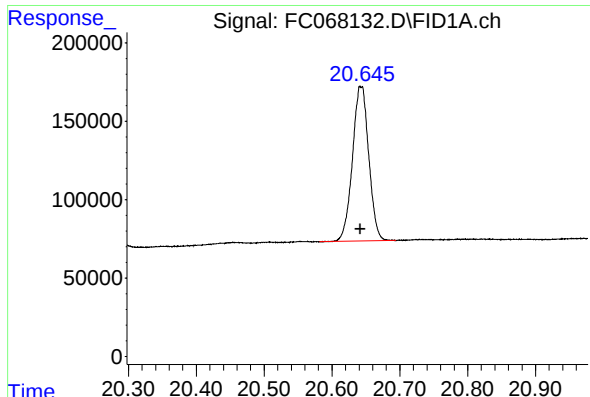
#19 n-Tetratriacontane (C34)

R.T.: 19.190 min
Delta R.T.: -0.001 min
Response: 2095897
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

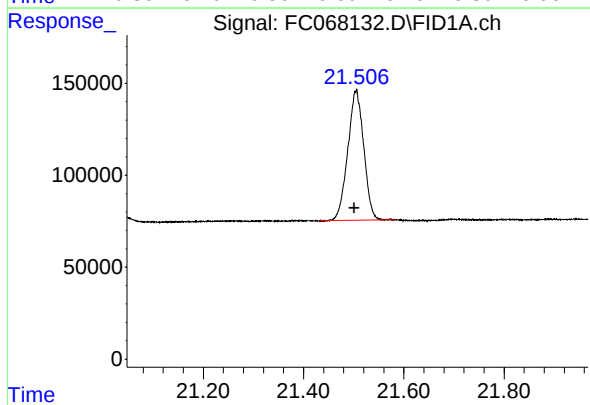
R.T.: 19.929 min
Delta R.T.: 0.000 min
Response: 1775801
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.643 min
Delta R.T.: 0.000 min
Response: 1642652
Conc: 19.17 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.505 min
Delta R.T.: 0.004 min
Response: 1563672
Conc: 19.34 ug/ml