

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
 Data File : FC040061.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2019 9:48
 Operator : AJ\SJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 23 13:33:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:31:49 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.027	13110068	102.722 ug/ml
Spiked Amount 50.000		Recovery =	205.44%
12) S 1-chlorooctadecane (S...	12.453	9933927	100.767 ug/ml
Spiked Amount 50.000		Recovery =	201.53%
Target Compounds			
1) T n-Nonane (C9)	2.851	7882131	95.448 ug/ml
2) T n-Decane (C10)	3.874	8179854	96.860 ug/ml
3) T A~Naphthalene (C11.7)	5.449	9564600	98.555 ug/ml
4) T n-Dodecane (C12)	5.871	8588891	100.349 ug/ml
5) T A~2-methylnaphthalene...	6.500	9918524	100.681 ug/ml
6) T n-Tetradecane (C14)	7.662	9278359	103.231 ug/ml
7) T n-Hexadecane (C16)	9.260	9829785	103.722 ug/ml
8) T n-Octadecane (C18)	10.702	10109893	100.962 ug/ml
10) T n-Eicosane (C20)	12.007	10118916	99.937 ug/ml
11) T n-Heneicosane (C21)	12.618	10046642	99.967 ug/ml
13) T n-Docosane (C22)	13.204	9957543	99.251 ug/ml
14) T n-Tetracosane (C24)	14.304	9805337	98.854 ug/ml
15) T n-Hexacosane (C26)	15.324	9590513	98.378 ug/ml
16) T n-Octacosane (C28)	16.272	9519918	98.401 ug/ml
17) T n-Tricontane (C30)	17.158	9460005	98.669 ug/ml
18) T n-Dotriacontane (C32)	17.989	9251200	97.685 ug/ml
19) T n-Tetratriacontane (C34)	18.804	8307321	100.529 ug/ml
20) T n-Hexatriacontane (C36)	19.828	7401501	102.367 ug/ml
21) T n-Octatriacontane (C38)	21.208	6895433	101.182 ug/ml
22) T n-Tetracontane (C40)	23.128	6761062	100.486 ug/ml

(f)=RT Delta > 1/2 Window

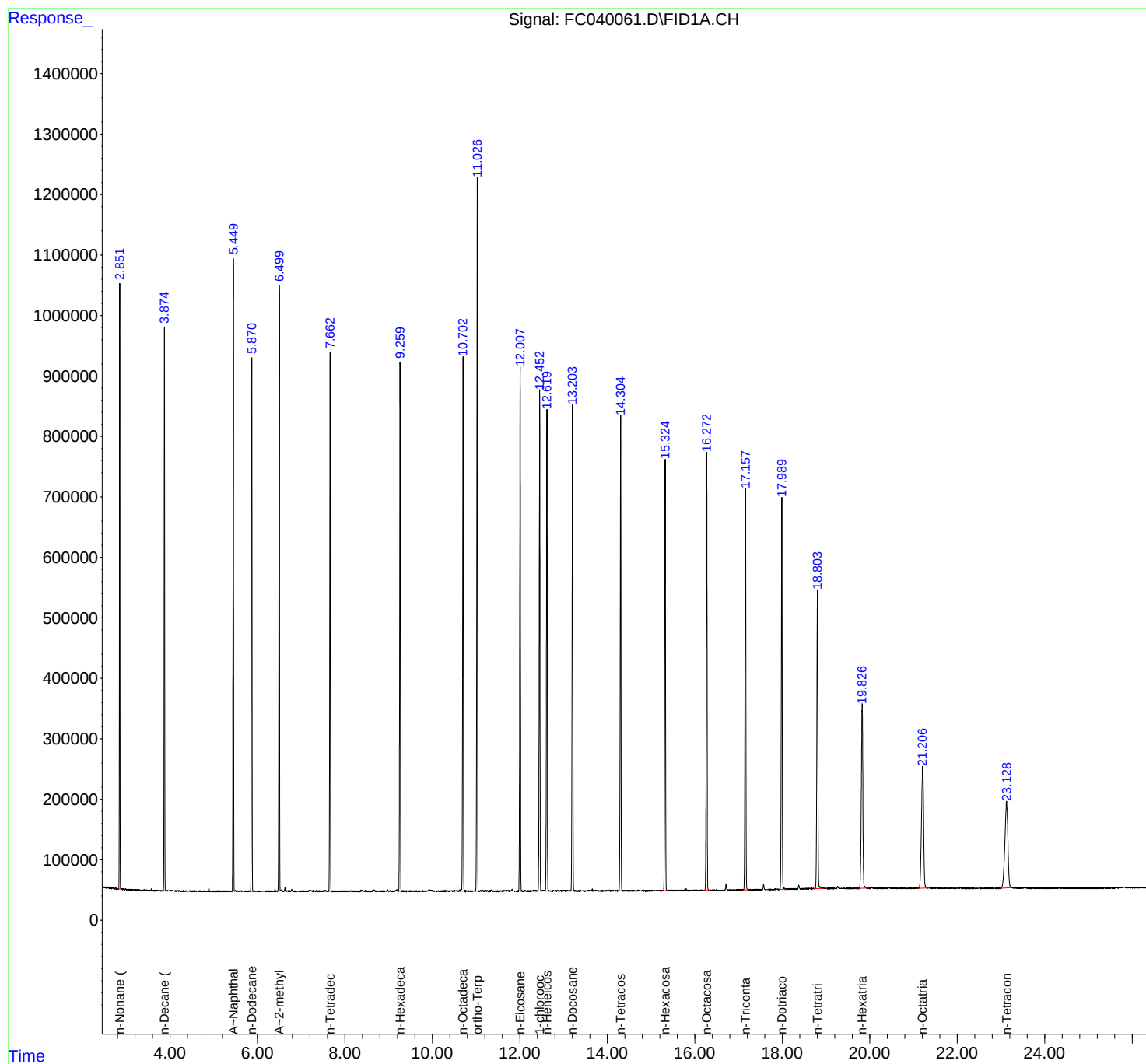
(m)=manual int.

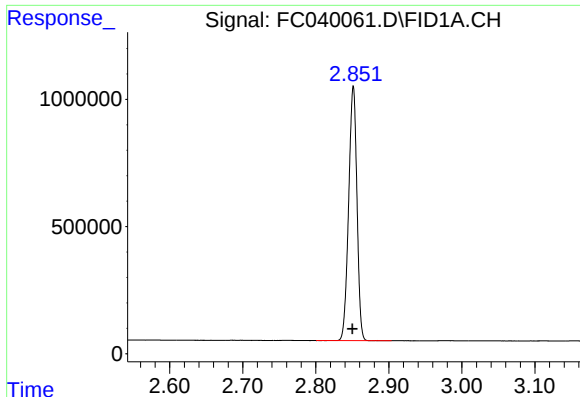
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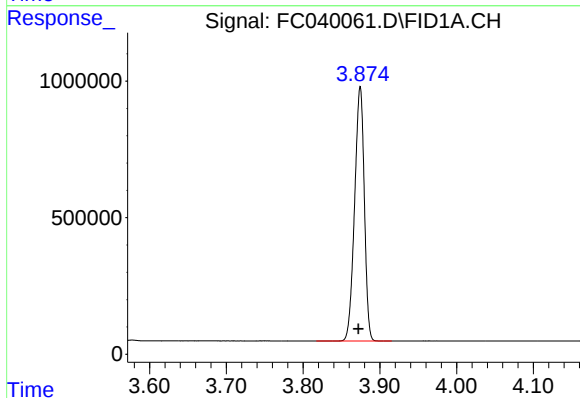




#1 n-Nonane (C9)

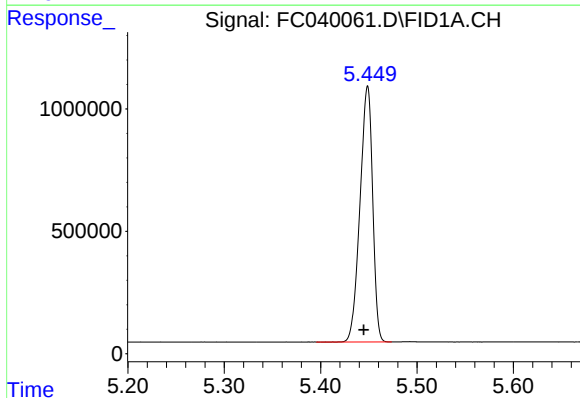
R.T.: 2.851 min
Delta R.T.: 0.001 min
Response: 7882131
Conc: 95.45 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



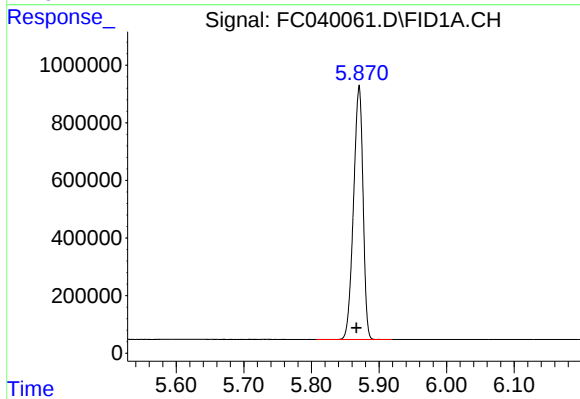
#2 n-Decane (C10)

R.T.: 3.874 min
Delta R.T.: 0.003 min
Response: 8179854
Conc: 96.86 ug/ml



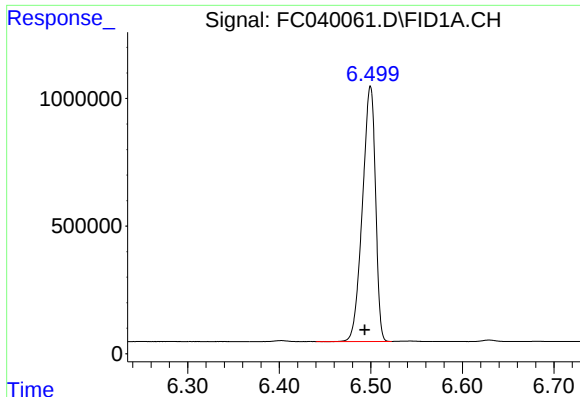
#3 A~Naphthalene (C11.7)

R.T.: 5.449 min
Delta R.T.: 0.004 min
Response: 9564600
Conc: 98.55 ug/ml



#4 n-Dodecane (C12)

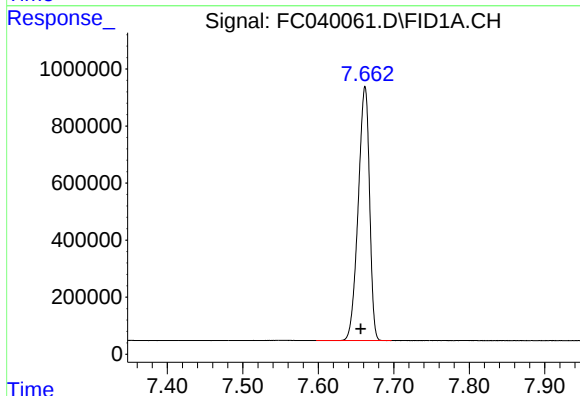
R.T.: 5.871 min
Delta R.T.: 0.004 min
Response: 8588891
Conc: 100.35 ug/ml



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

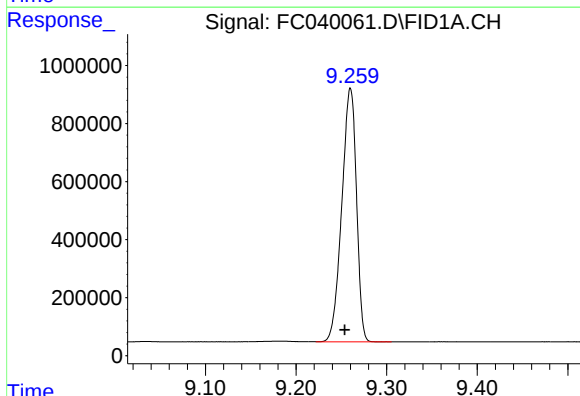
R.T.: 6.500 min
Delta R.T.: 0.006 min
Response: 9918524
Conc: 100.68 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



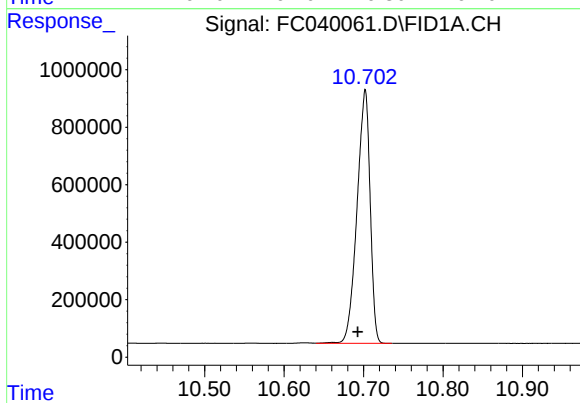
#6 n-Tetradecane (C14)

R.T.: 7.662 min
Delta R.T.: 0.006 min
Response: 9278359
Conc: 103.23 ug/ml



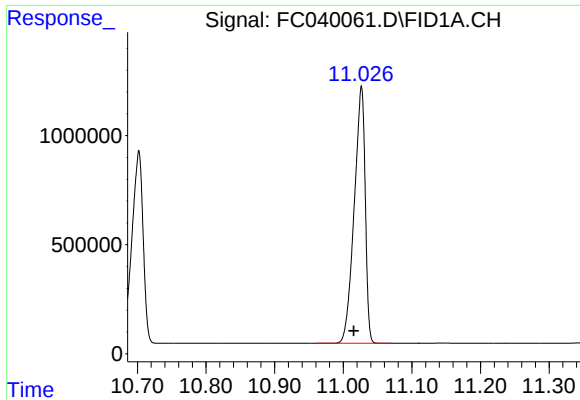
#7 n-Hexadecane (C16)

R.T.: 9.260 min
Delta R.T.: 0.006 min
Response: 9829785
Conc: 103.72 ug/ml



#8 n-Octadecane (C18)

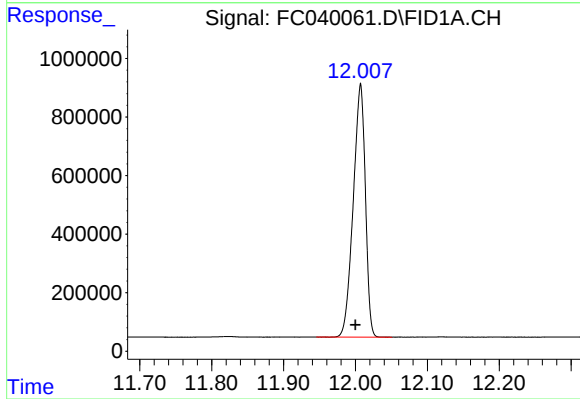
R.T.: 10.702 min
Delta R.T.: 0.009 min
Response: 10109893
Conc: 100.96 ug/ml



#9 ortho-Terphenyl (SURR)

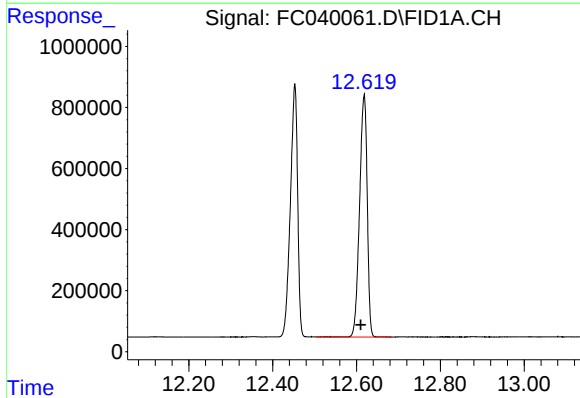
R.T.: 11.027 min
Delta R.T.: 0.011 min
Response: 13110068
Conc: 102.72 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



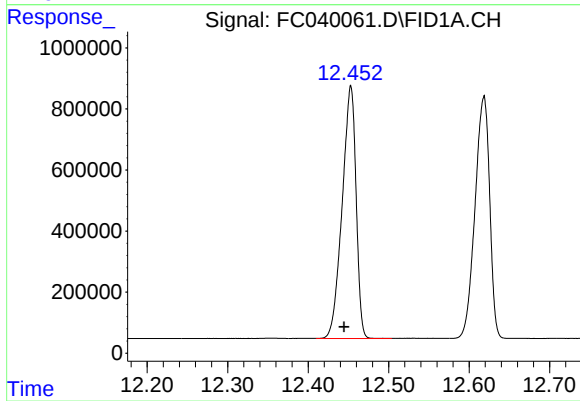
#10 n-Eicosane (C20)

R.T.: 12.007 min
Delta R.T.: 0.007 min
Response: 10118916
Conc: 99.94 ug/ml



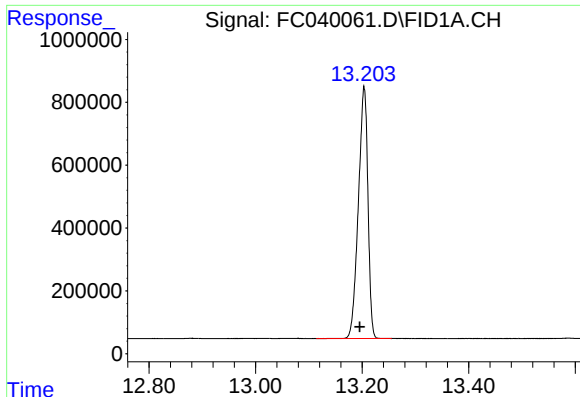
#11 n-Heneicosane (C21)

R.T.: 12.618 min
Delta R.T.: 0.008 min
Response: 10046642
Conc: 99.97 ug/ml



#12 1-chlorooctadecane (SURR)

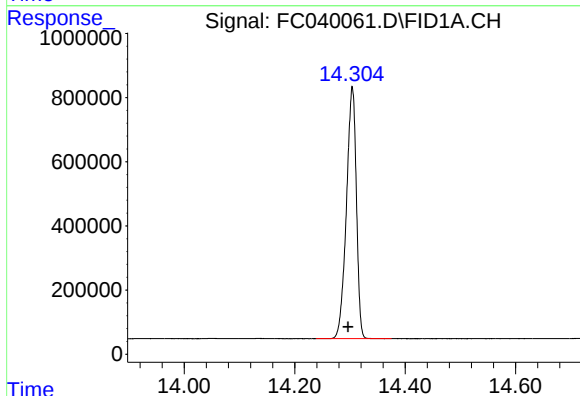
R.T.: 12.453 min
Delta R.T.: 0.008 min
Response: 9933927
Conc: 100.77 ug/ml



#13 n-Docosane (C22)

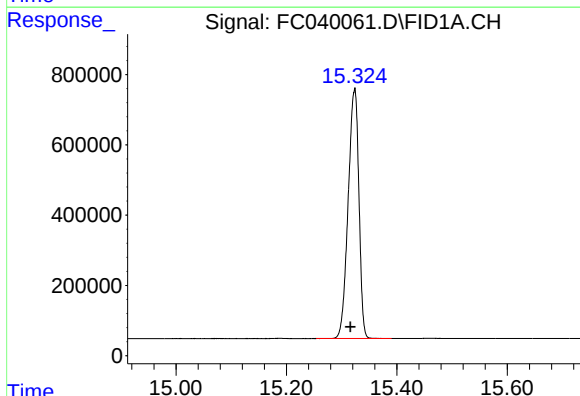
R.T.: 13.204 min
Delta R.T.: 0.008 min
Response: 9957543
Conc: 99.25 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



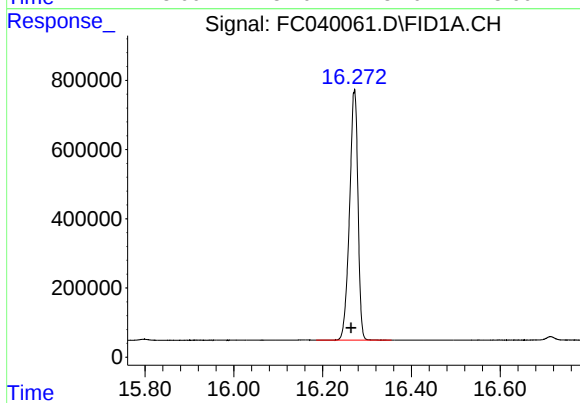
#14 n-Tetracosane (C24)

R.T.: 14.304 min
Delta R.T.: 0.008 min
Response: 9805337
Conc: 98.85 ug/ml



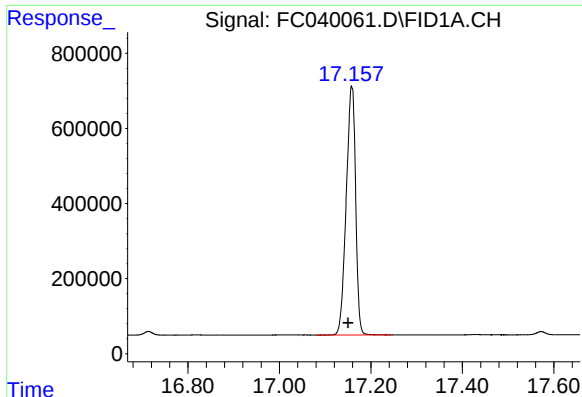
#15 n-Hexacosane (C26)

R.T.: 15.324 min
Delta R.T.: 0.007 min
Response: 9590513
Conc: 98.38 ug/ml



#16 n-Octacosane (C28)

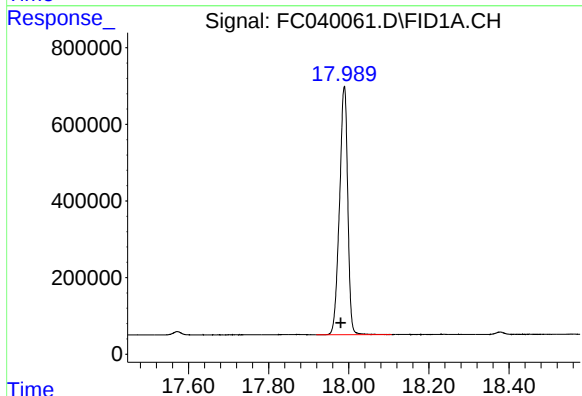
R.T.: 16.272 min
Delta R.T.: 0.008 min
Response: 9519918
Conc: 98.40 ug/ml



#17 n-Tricontane (C30)

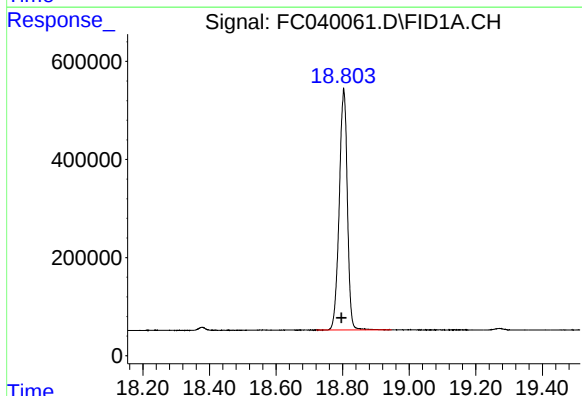
R.T.: 17.158 min
Delta R.T.: 0.008 min
Response: 9460005
Conc: 98.67 ug/ml

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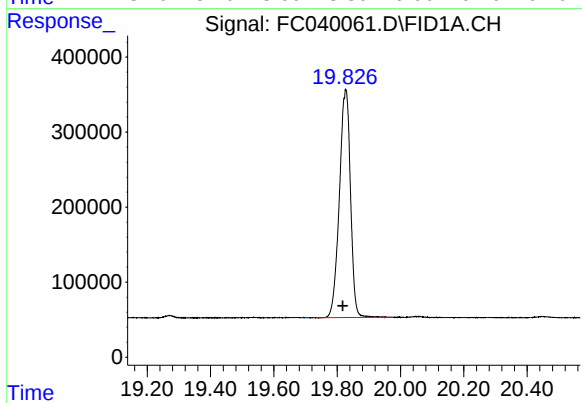
#18 n-Dotriacontane (C32)

R.T.: 17.989 min
Delta R.T.: 0.009 min
Response: 9251200
Conc: 97.69 ug/ml



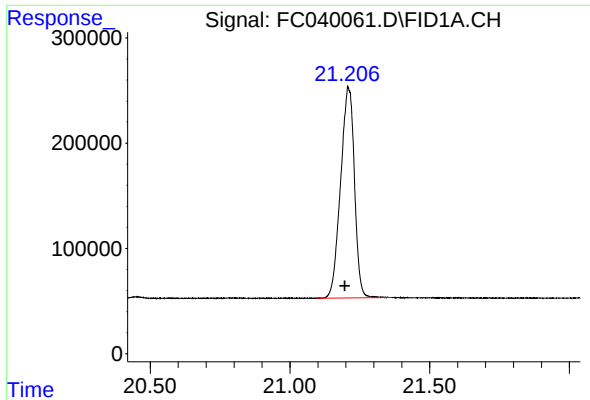
#19 n-Tetratriacontane (C34)

R.T.: 18.804 min
Delta R.T.: 0.008 min
Response: 8307321
Conc: 100.53 ug/ml



#20 n-Hexatriacontane (C36)

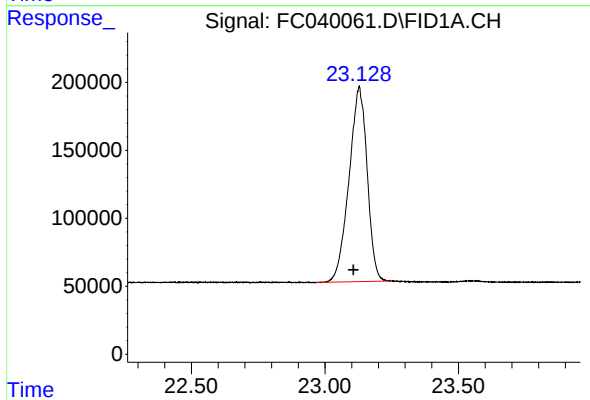
R.T.: 19.828 min
Delta R.T.: 0.010 min
Response: 7401501
Conc: 102.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.011 min
Response: 6895433
Conc: 101.18 ug/ml

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FID_C
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100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 23.128 min
Delta R.T.: 0.022 min
Response: 6761062
Conc: 100.49 ug/ml