

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
 Data File : FC067216.D
 Signal(s) : FID1A.ch
 Acq On : 21 Sep 2024 01:08
 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: Sep 21 03:21:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.502	2594694	18.634 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	12.941	1856633	19.006 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.277	2457726	18.528 ug/ml
2) T n-Decane (C10)	4.341	2518396	18.751 ug/ml
3) T A~Naphthalene (C11.7)	5.920	2626124	18.478 ug/ml
4) T n-Dodecane (C12)	6.358	2524532	18.860 ug/ml
5) T A~2-methylnaphthalene...	6.976	2474735	18.532 ug/ml
6) T n-Tetradecane (C14)	8.151	2452517	19.030 ug/ml
7) T n-Hexadecane (C16)	9.750	2474981	19.197 ug/ml
8) T n-Octadecane (C18)	11.191	2460761	19.233 ug/ml
10) T n-Eicosane (C20)	12.498	2296229	19.117 ug/ml
11) T n-Heneicosane (C21)	13.110	2227431	19.072 ug/ml
13) T n-Docosane (C22)	13.695	2191103	18.977 ug/ml
14) T n-Tetracosane (C24)	14.797	2155898	18.984 ug/ml
15) T n-Hexacosane (C26)	15.816	2119197	19.121 ug/ml
16) T n-Octacosane (C28)	16.766	2126625	19.687 ug/ml
17) T n-Tricontane (C30)	17.652	2261376	20.790 ug/ml
18) T n-Dotriacontane (C32)	18.483	2217197	21.257 ug/ml
19) T n-Tetratriacontane (C34)	19.266	1957259	21.215 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1624219	20.495 ug/ml
21) T n-Octatriacontane (C38)	20.729	1468936	19.556 ug/ml
22) T n-Tetracontane (C40)	21.615	1298239	18.582 ug/ml

(f)=RT Delta > 1/2 Window

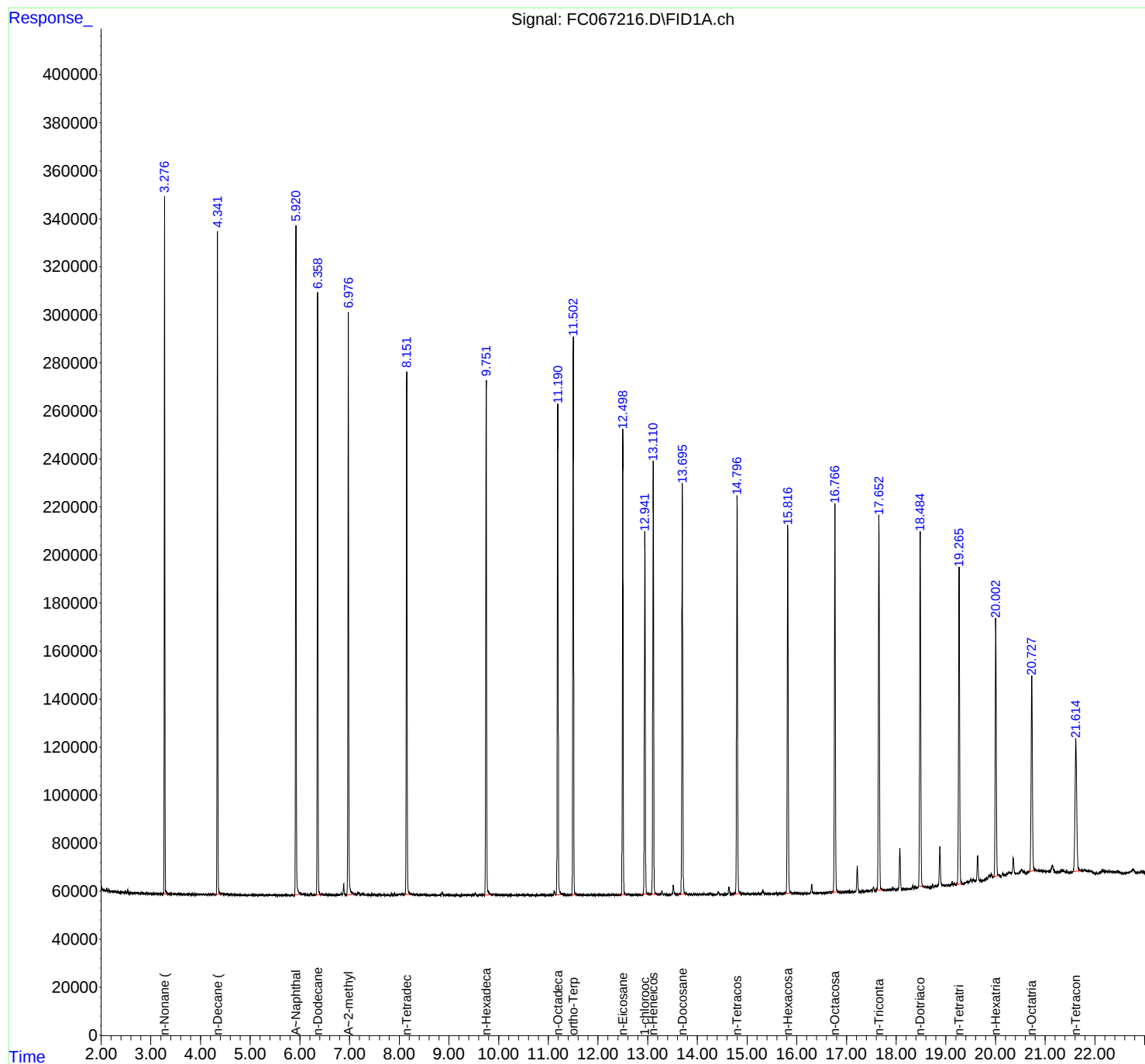
(m)=manual int.

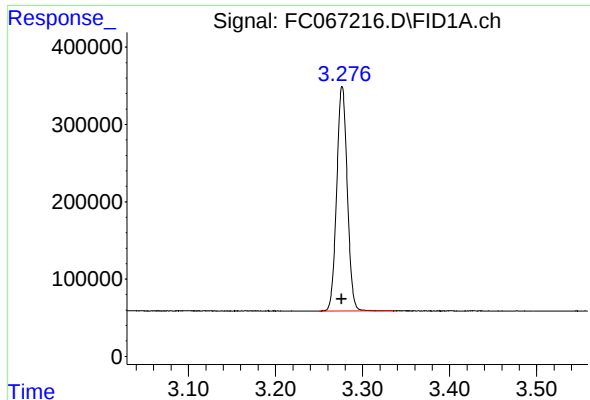
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092024AL\
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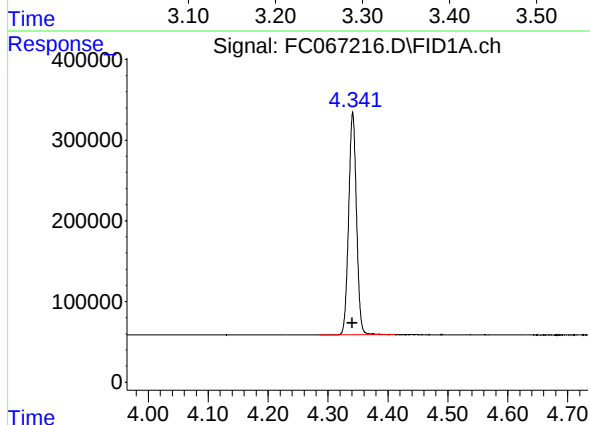




#1 n-Nonane (C9)

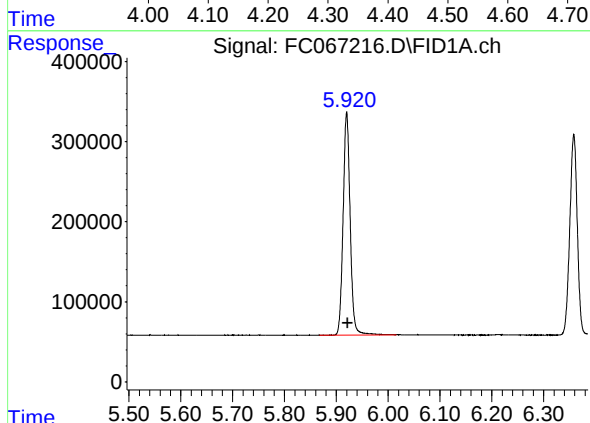
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 2457726
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



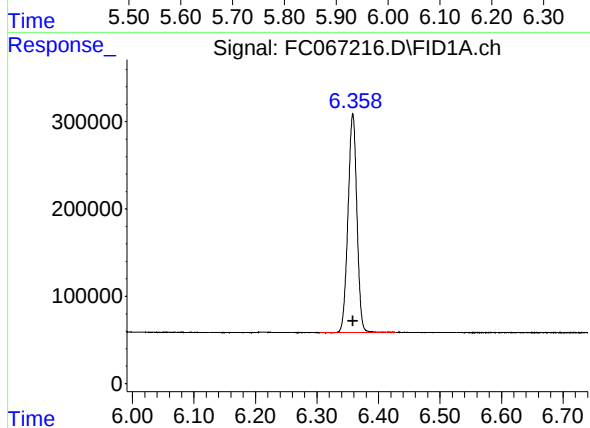
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 2518396
Conc: 18.75 ug/ml



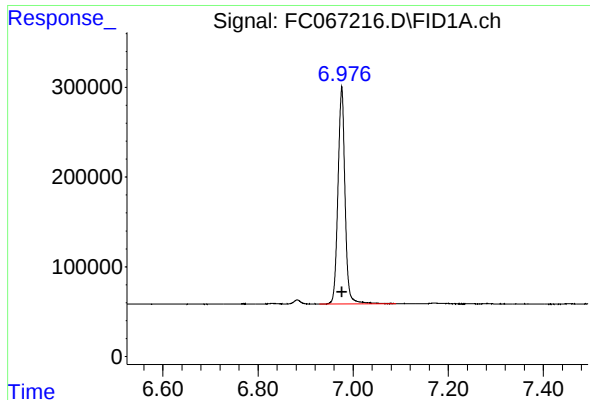
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 2626124
Conc: 18.48 ug/ml



#4 n-Dodecane (C12)

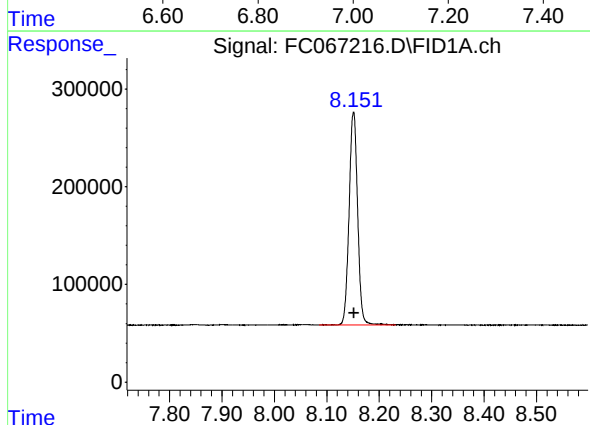
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 2524532
Conc: 18.86 ug/ml



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

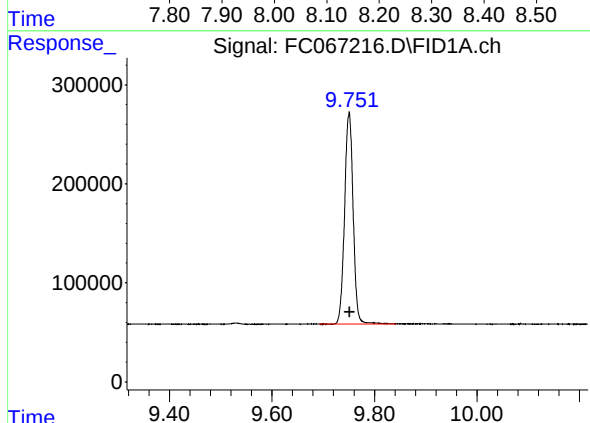
R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 2474735
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



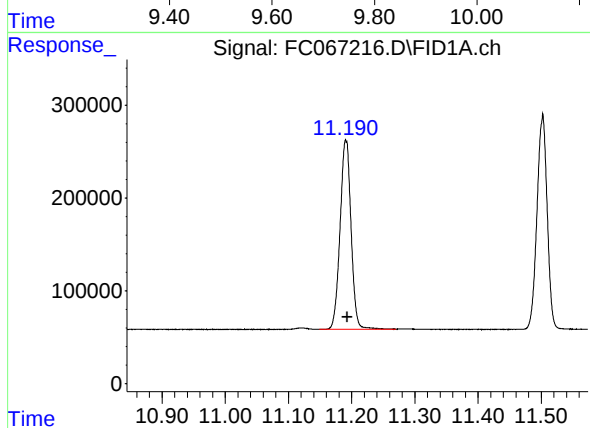
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: -0.001 min
Response: 2452517
Conc: 19.03 ug/ml



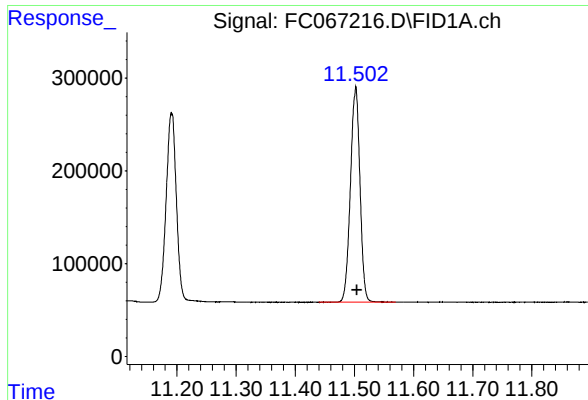
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.001 min
Response: 2474981
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

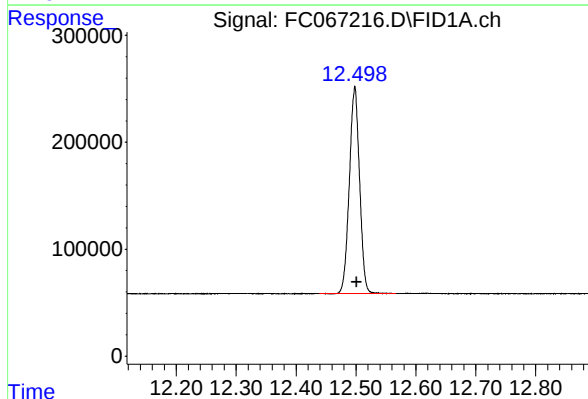
R.T.: 11.191 min
Delta R.T.: -0.002 min
Response: 2460761
Conc: 19.23 ug/ml



#9 ortho-Terphenyl (SURR)

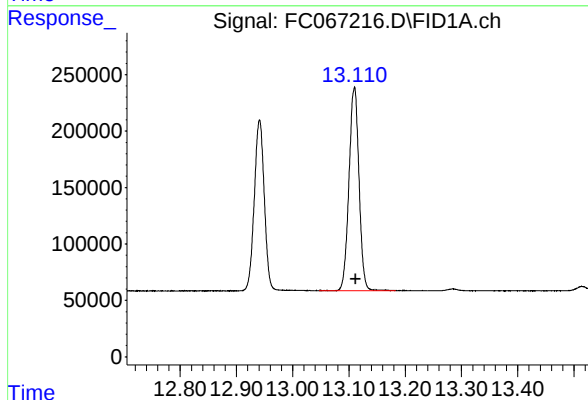
R.T.: 11.502 min
Delta R.T.: -0.002 min
Response: 2594694
Conc: 18.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



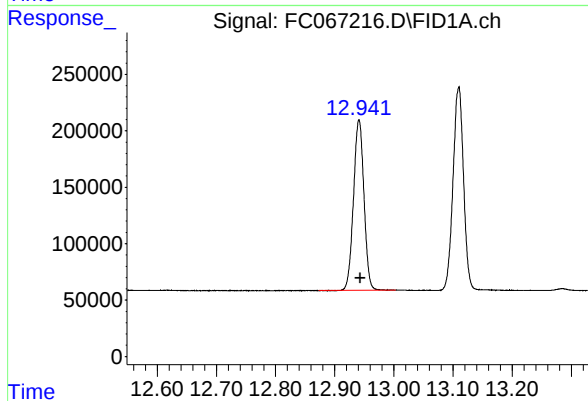
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.003 min
Response: 2296229
Conc: 19.12 ug/ml



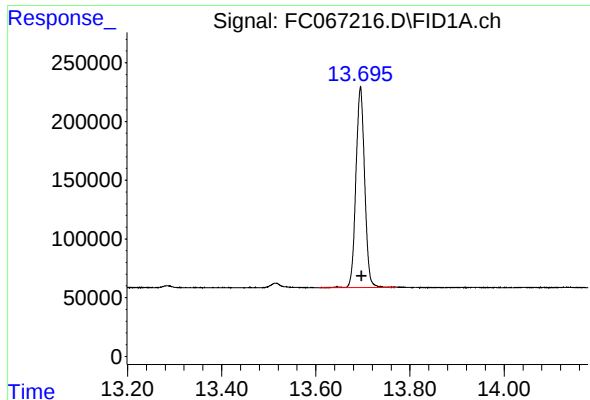
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 2227431
Conc: 19.07 ug/ml



#12 1-chlorooctadecane (SURR)

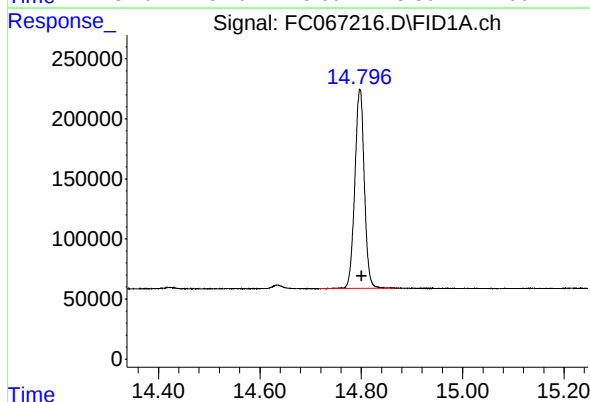
R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 1856633
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

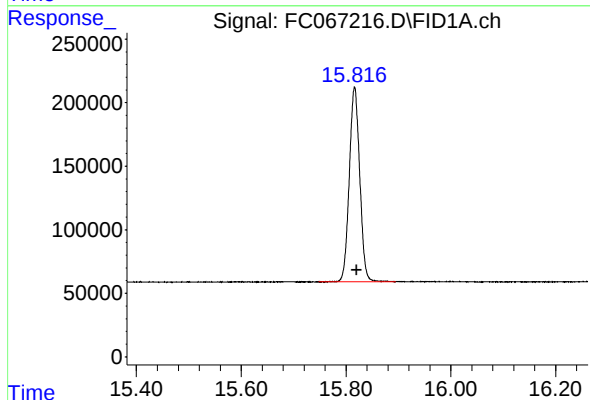
R.T.: 13.695 min
Delta R.T.: -0.002 min
Response: 2191103
Conc: 18.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



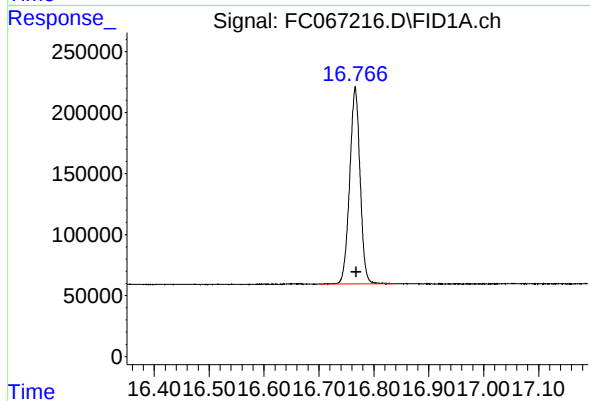
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.004 min
Response: 2155898
Conc: 18.98 ug/ml



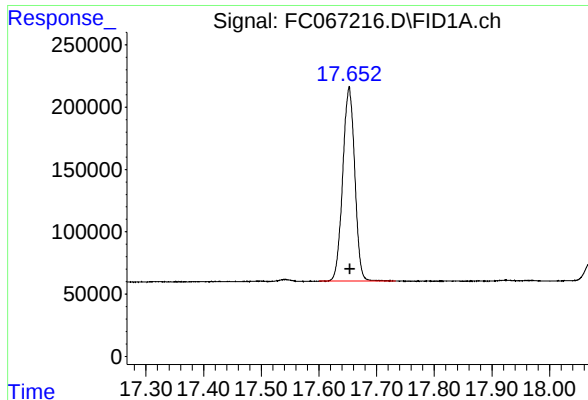
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.004 min
Response: 2119197
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

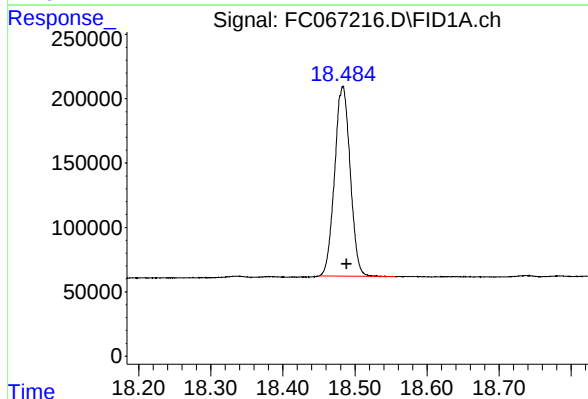
R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 2126625
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

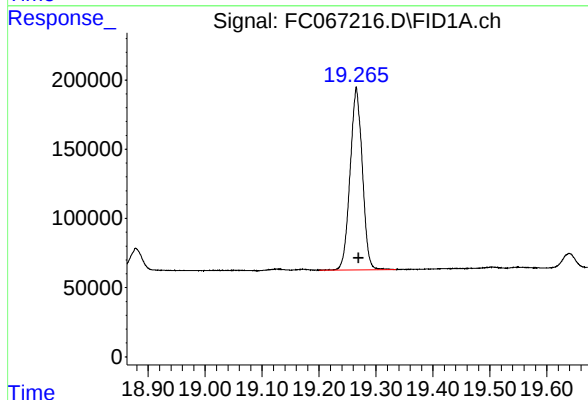
R.T.: 17.652 min
Delta R.T.: -0.002 min
Response: 2261376
Conc: 20.79 ug/ml

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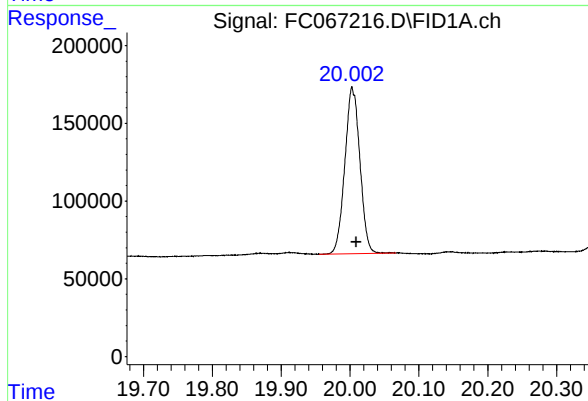
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.005 min
Response: 2217197
Conc: 21.26 ug/ml



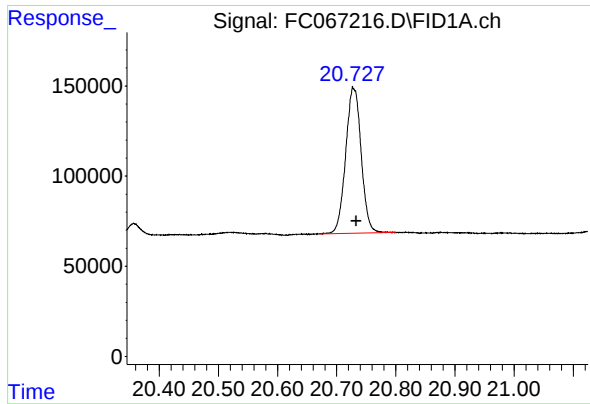
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 1957259
Conc: 21.21 ug/ml



#20 n-Hexatriacontane (C36)

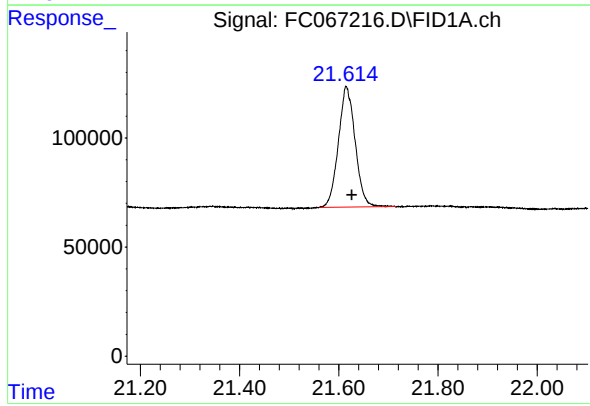
R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 1624219
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.004 min
Response: 1468936
Conc: 19.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.615 min
Delta R.T.: -0.011 min
Response: 1298239
Conc: 18.58 ug/ml