

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081524AL\
 Data File : FC067004.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2024 12:43
 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: Aug 16 02:03:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.510	3438938	22.590 ug/ml
Spiked Amount 50.000		Recovery =	45.18%
12) S 1-chlorooctadecane (S...	12.948	2467227	22.773 ug/ml
Spiked Amount 50.000		Recovery =	45.55%
Target Compounds			
1) T n-Nonane (C9)	3.280	3097874	21.078 ug/ml
2) T n-Decane (C10)	4.345	3199608	21.352 ug/ml
3) T A~Naphthalene (C11.7)	5.924	3418212	21.487 ug/ml
4) T n-Dodecane (C12)	6.362	3197514	21.311 ug/ml
5) T A~2-methylnaphthalene...	6.980	3248623	21.601 ug/ml
6) T n-Tetradecane (C14)	8.156	3117062	21.498 ug/ml
7) T n-Hexadecane (C16)	9.756	3211762	21.914 ug/ml
8) T n-Octadecane (C18)	11.197	3242872	22.250 ug/ml
10) T n-Eicosane (C20)	12.506	3082149	22.506 ug/ml
11) T n-Heneicosane (C21)	13.116	3015519	22.629 ug/ml
13) T n-Docosane (C22)	13.702	2971739	22.552 ug/ml
14) T n-Tetracosane (C24)	14.804	2935580	22.650 ug/ml
15) T n-Hexacosane (C26)	15.824	2848797	22.459 ug/ml
16) T n-Octacosane (C28)	16.773	2803334	22.570 ug/ml
17) T n-Tricontane (C30)	17.660	2860959	22.765 ug/ml
18) T n-Dotriacontane (C32)	18.491	2775985	22.474 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2583291	21.543 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2308405	20.445 ug/ml
21) T n-Octatriacontane (C38)	20.739	2135371	19.600 ug/ml
22) T n-Tetracontane (C40)	21.632	1903676	18.636 ug/ml

(f)=RT Delta > 1/2 Window

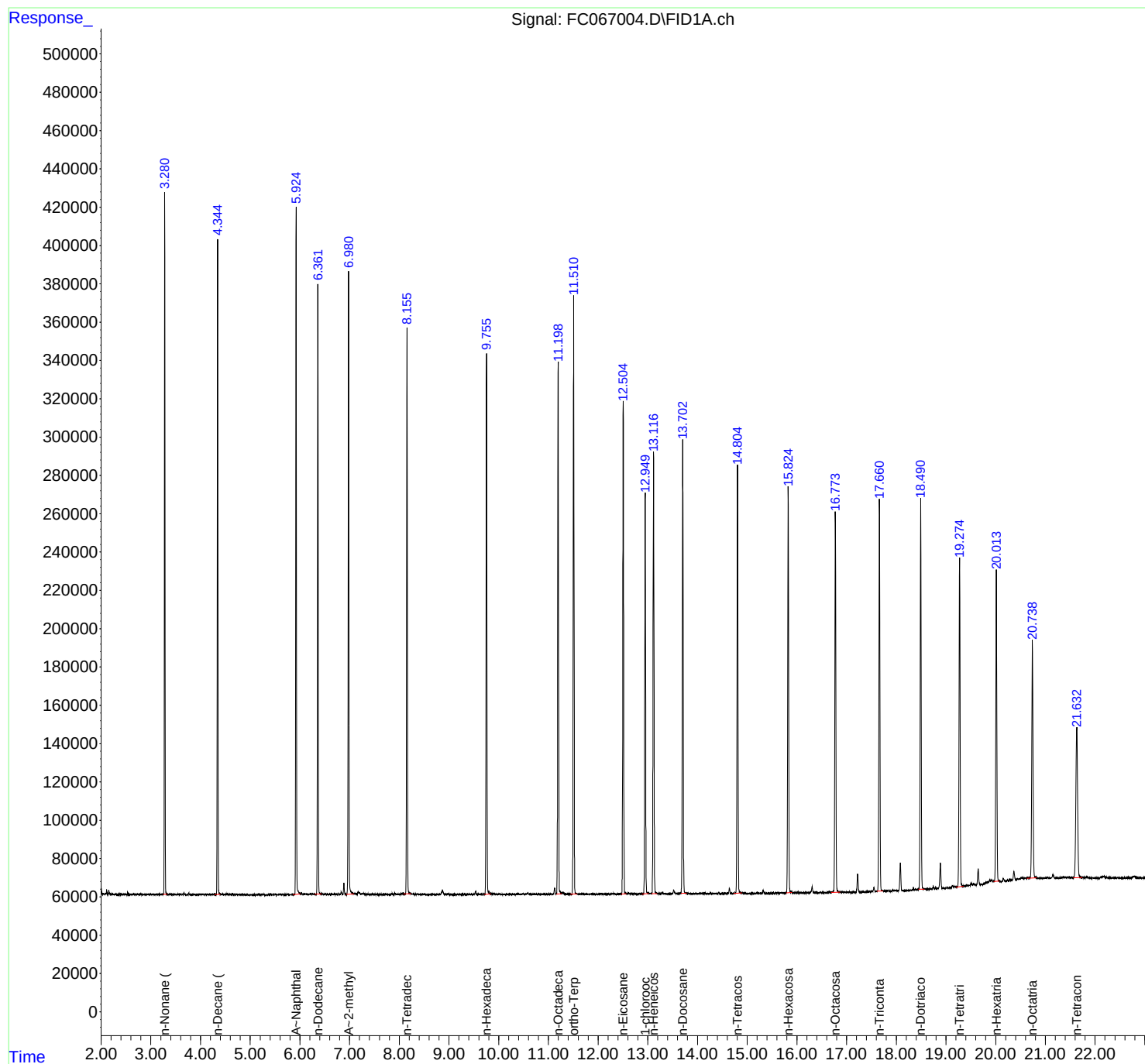
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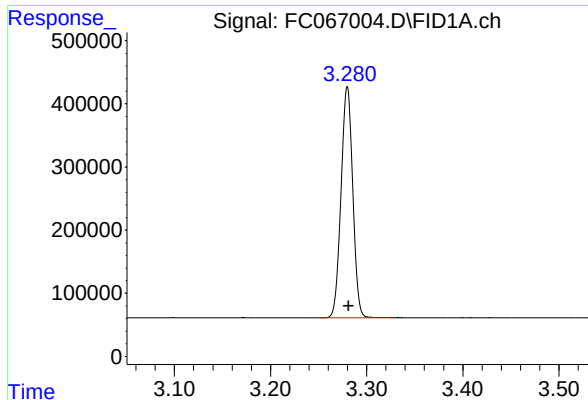
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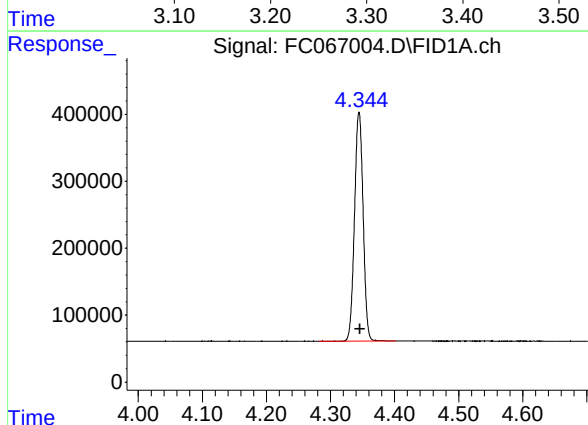




#1 n-Nonane (C9)

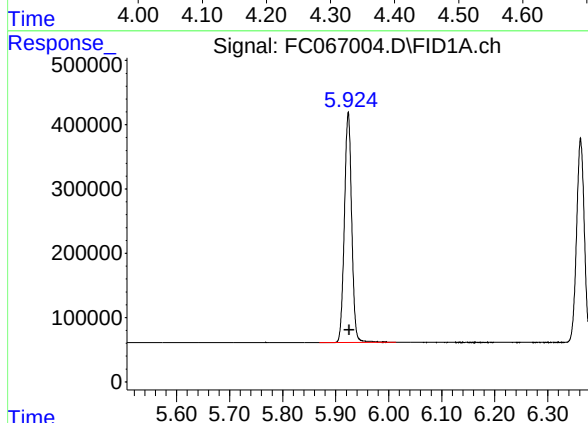
R.T.: 3.280 min
Delta R.T.: -0.001 min
Response: 3097874
Conc: 21.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



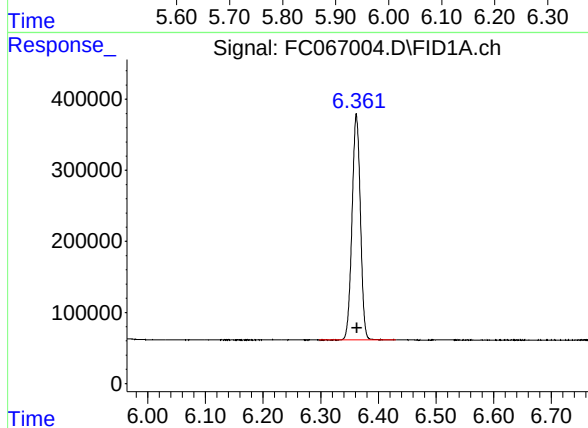
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: -0.001 min
Response: 3199608
Conc: 21.35 ug/ml



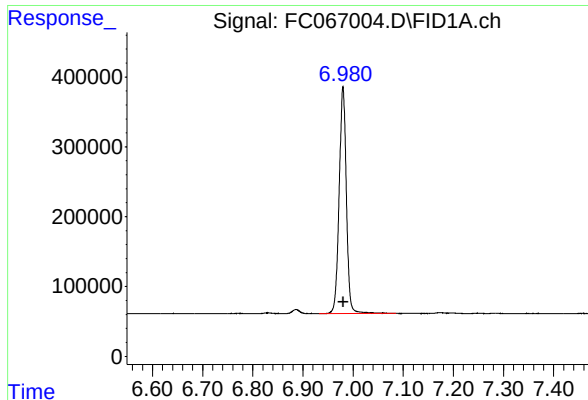
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 3418212
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

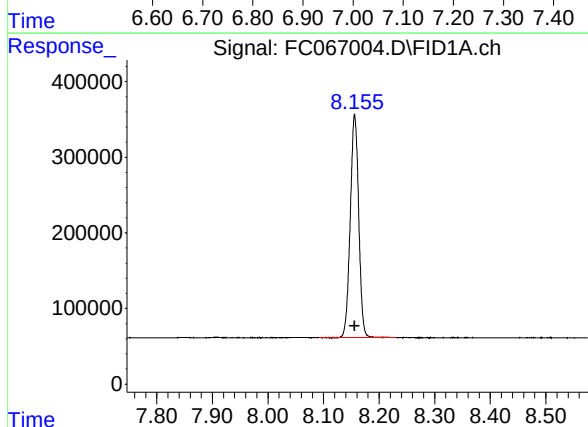
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 3197514
Conc: 21.31 ug/ml



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

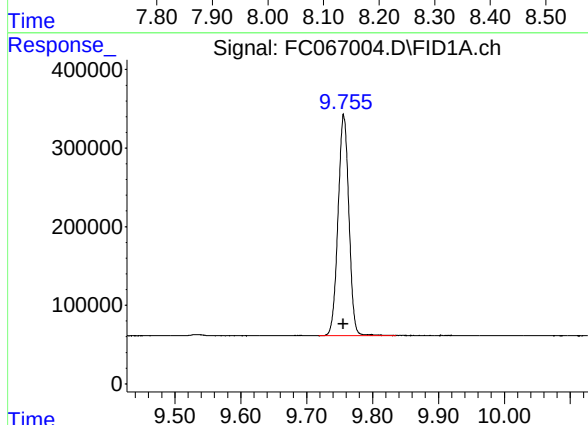
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 3248623
Conc: 21.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



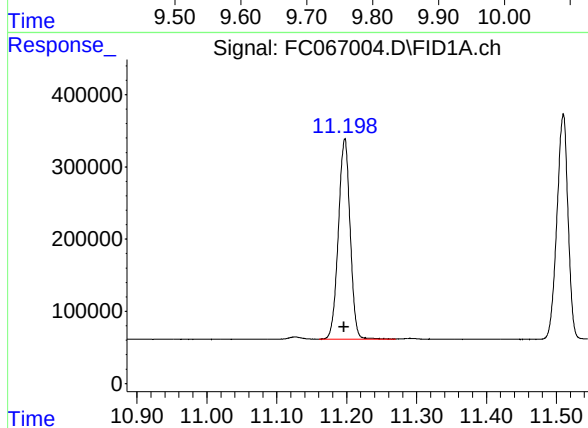
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 3117062
Conc: 21.50 ug/ml



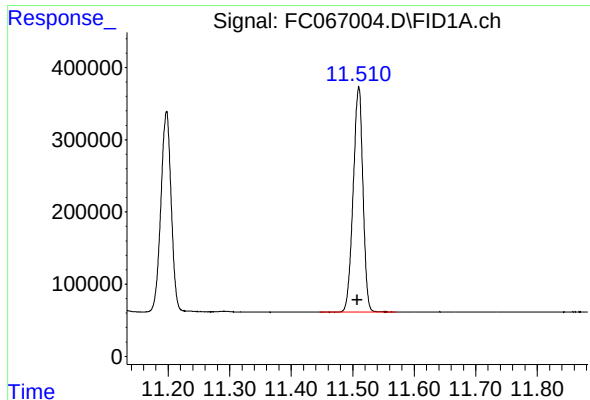
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 3211762
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

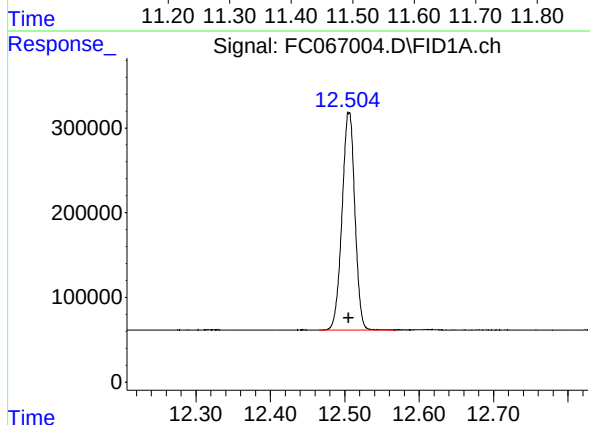
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 3242872
Conc: 22.25 ug/ml



#9 ortho-Terphenyl (SURR)

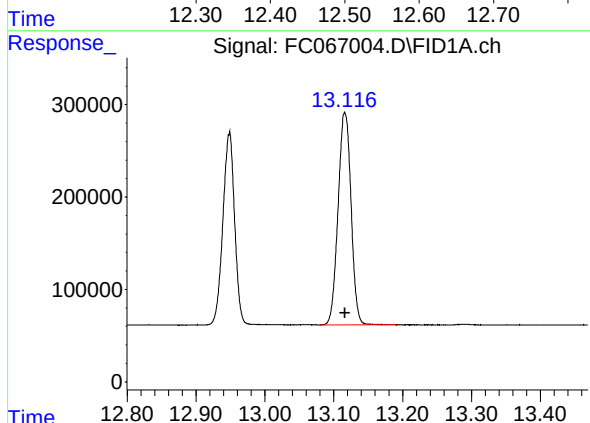
R.T.: 11.510 min
Delta R.T.: 0.002 min
Response: 3438938
Conc: 22.59 ug/ml

Instrument :
FID_C
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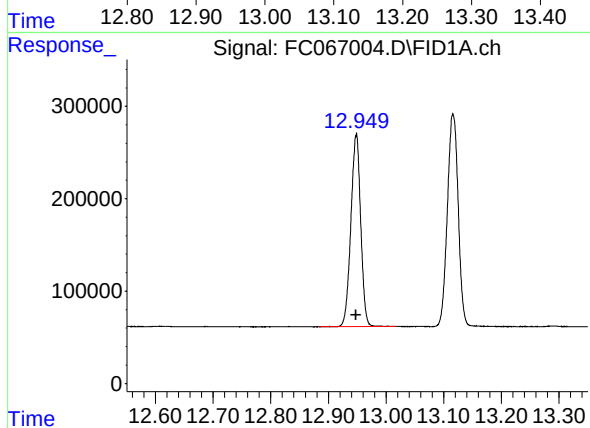
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 3082149
Conc: 22.51 ug/ml



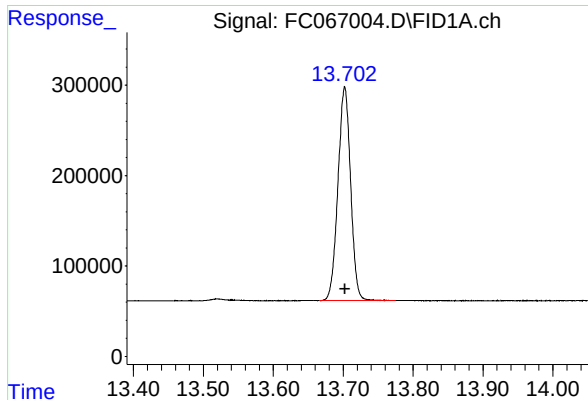
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 3015519
Conc: 22.63 ug/ml



#12 1-chlorooctadecane (SURR)

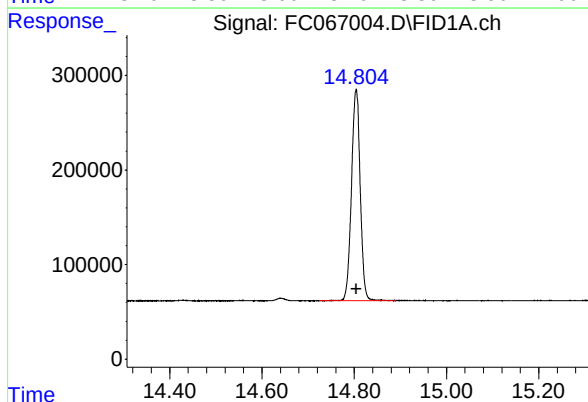
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2467227
Conc: 22.77 ug/ml



#13 n-Docosane (C22)

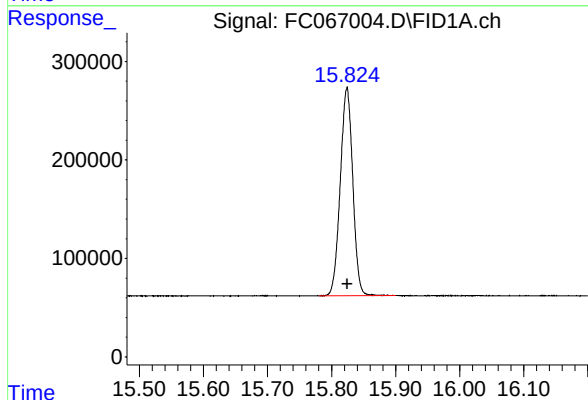
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2971739
Conc: 22.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



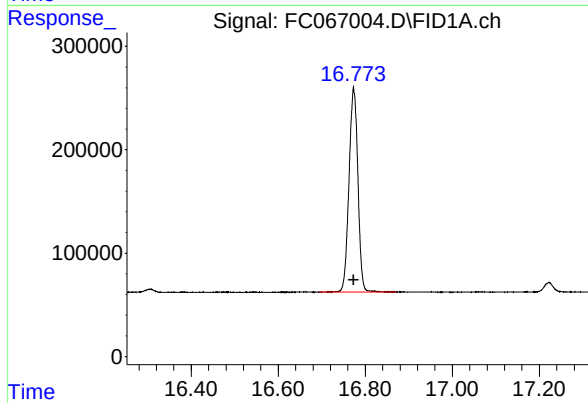
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 2935580
Conc: 22.65 ug/ml



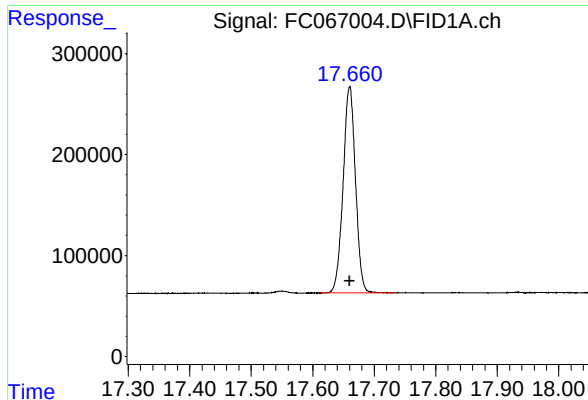
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.000 min
Response: 2848797
Conc: 22.46 ug/ml



#16 n-Octacosane (C28)

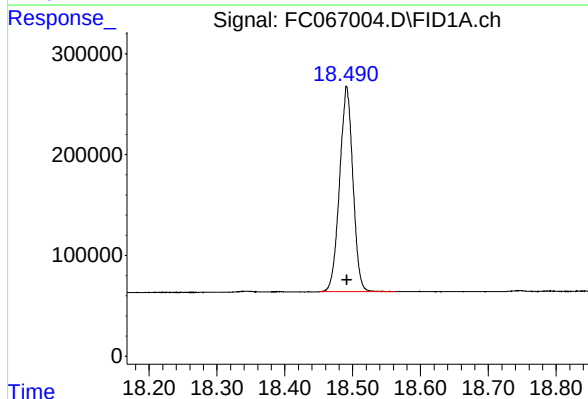
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 2803334
Conc: 22.57 ug/ml



#17 n-Tricontane (C30)

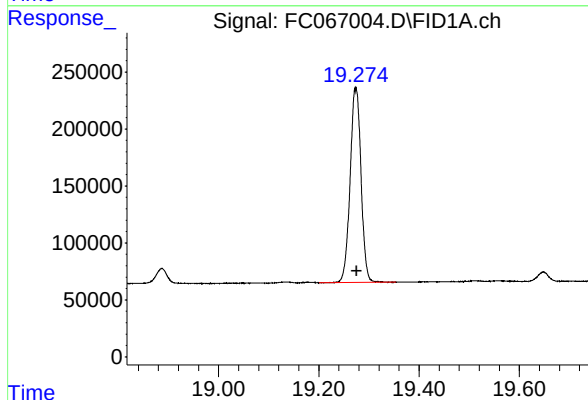
R.T.: 17.660 min
Delta R.T.: 0.000 min
Response: 2860959
Conc: 22.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



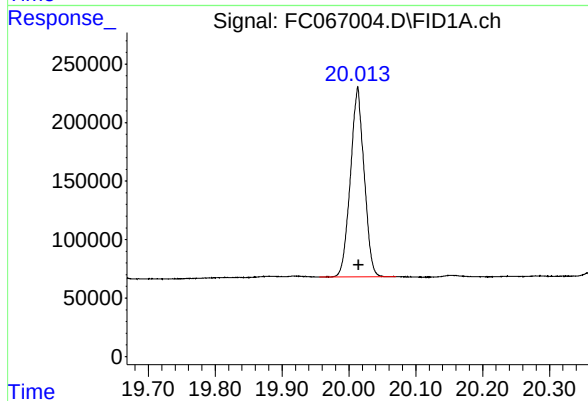
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 2775985
Conc: 22.47 ug/ml



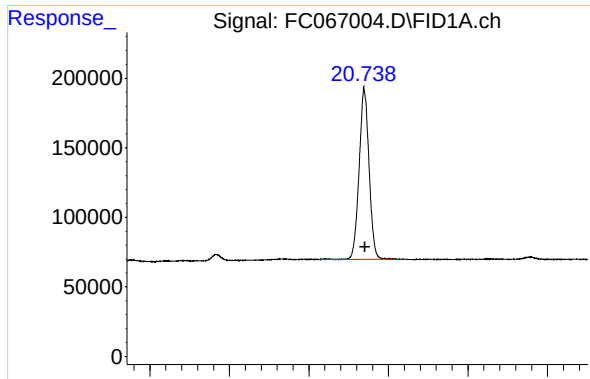
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.001 min
Response: 2583291
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

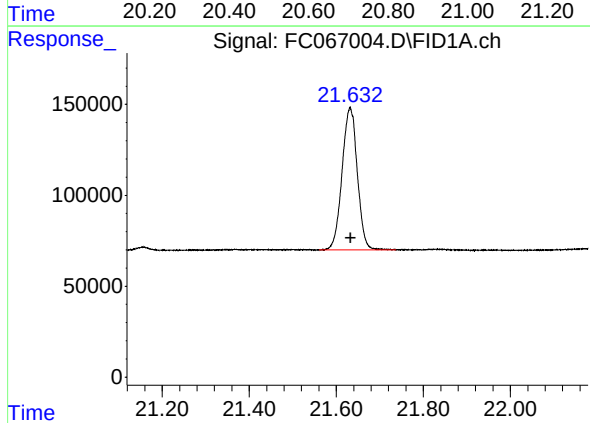
R.T.: 20.013 min
Delta R.T.: -0.002 min
Response: 2308405
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: -0.002 min
Response: 2135371
Conc: 19.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: -0.001 min
Response: 1903676
Conc: 18.64 ug/ml