

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071724AL\
 Data File : FC066827.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2024 08:02
 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: Jul 18 01:36:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.518	3065528	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	12.957	2268915	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.284	2902452	20.455 ug/ml
2) T n-Decane (C10)	4.350	2978474	20.148 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3206012	20.076 ug/ml
4) T n-Dodecane (C12)	6.369	2994655	19.975 ug/ml
5) T A~2-methylnaphthalene...	6.988	3059256	19.956 ug/ml
6) T n-Tetradecane (C14)	8.165	2934980	20.060 ug/ml
7) T n-Hexadecane (C16)	9.765	3020187	20.179 ug/ml
8) T n-Octadecane (C18)	11.207	2995684	20.187 ug/ml
10) T n-Eicosane (C20)	12.515	2813467	20.185 ug/ml
11) T n-Heneicosane (C21)	13.126	2736609	20.091 ug/ml
13) T n-Docosane (C22)	13.712	2682994	19.975 ug/ml
14) T n-Tetracosane (C24)	14.814	2637993	19.833 ug/ml
15) T n-Hexacosane (C26)	15.835	2563203	19.699 ug/ml
16) T n-Octacosane (C28)	16.783	2494309	19.772 ug/ml
17) T n-Tricontane (C30)	17.671	2509993	19.519 ug/ml
18) T n-Dotriacontane (C32)	18.502	2464345	19.575 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2393501	19.347 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2259167	19.421 ug/ml
21) T n-Octatriacontane (C38)	20.754	2166815	19.502 ug/ml
22) T n-Tetracontane (C40)	21.651	2055852	18.911 ug/ml

(f)=RT Delta > 1/2 Window

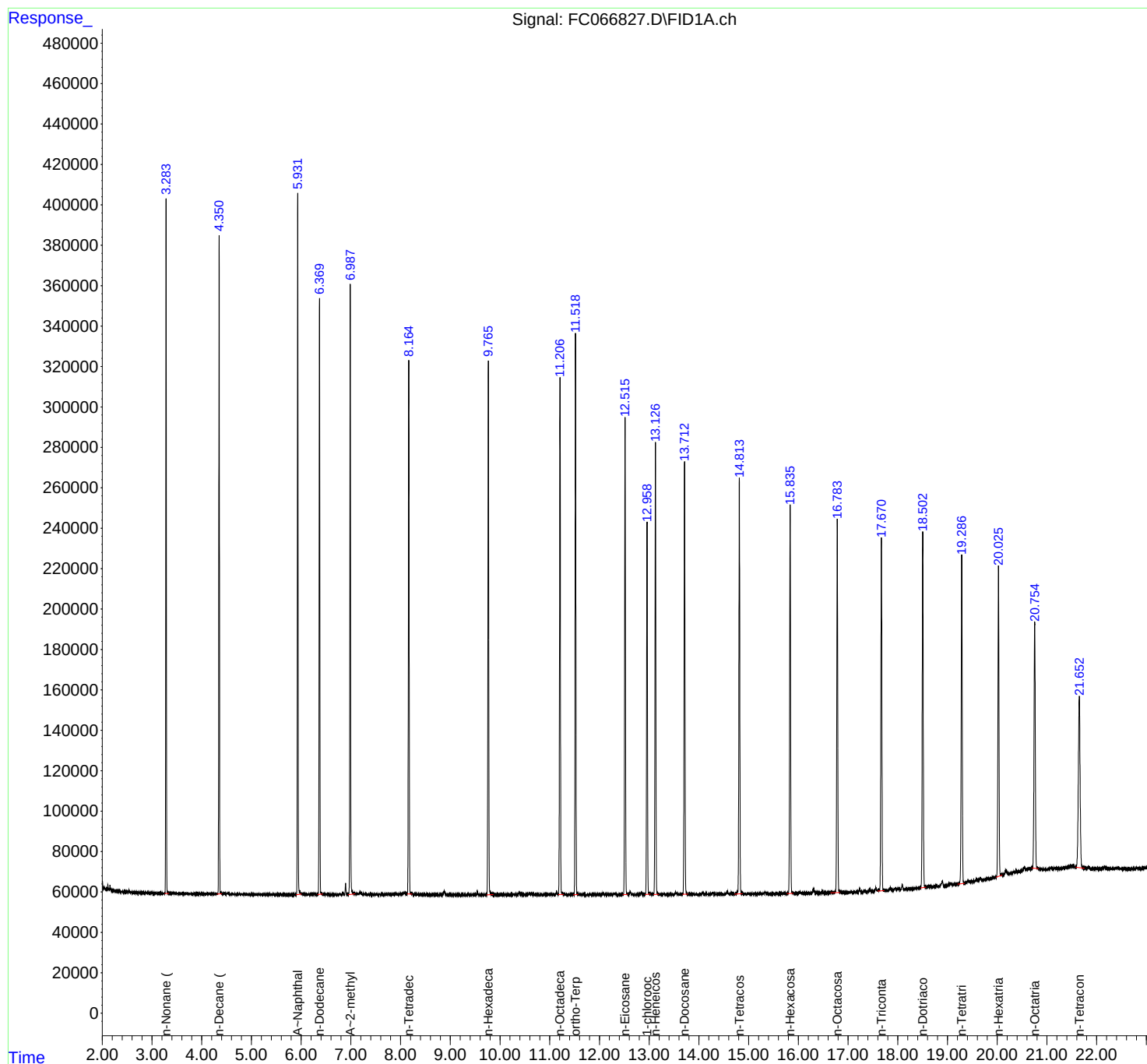
(m)=manual int.

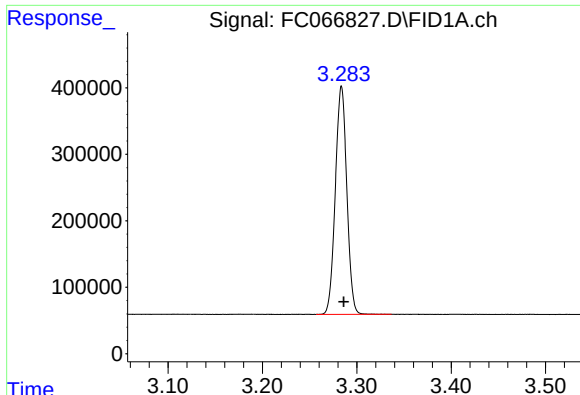
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071724AL\
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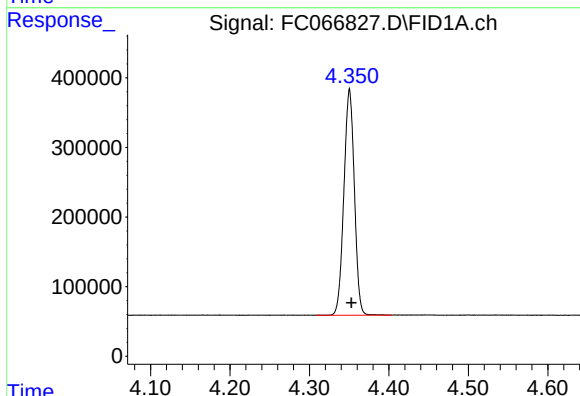




#1 n-Nonane (C9)

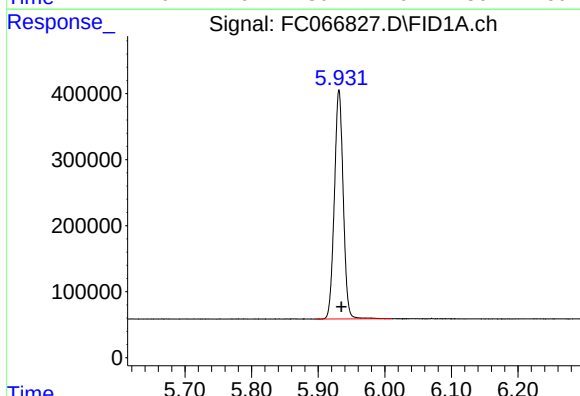
R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 2902452
Conc: 20.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



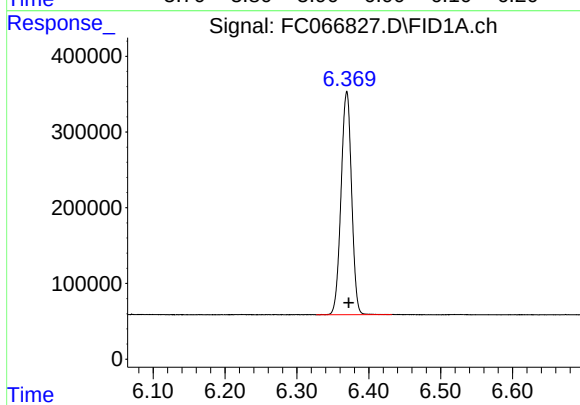
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.002 min
Response: 2978474
Conc: 20.15 ug/ml



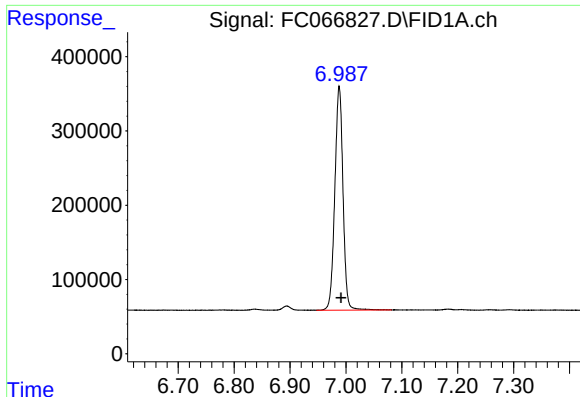
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 3206012
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

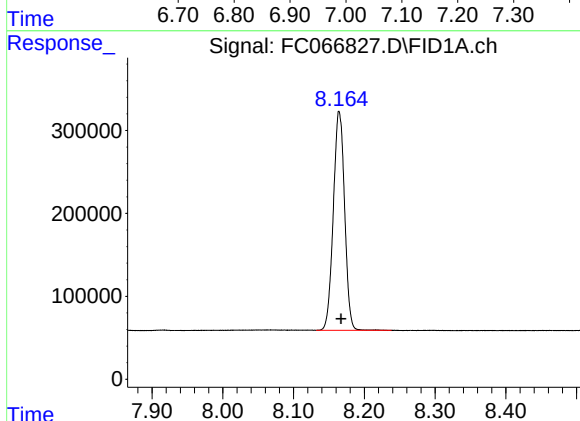
R.T.: 6.369 min
Delta R.T.: -0.003 min
Response: 2994655
Conc: 19.98 ug/ml



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

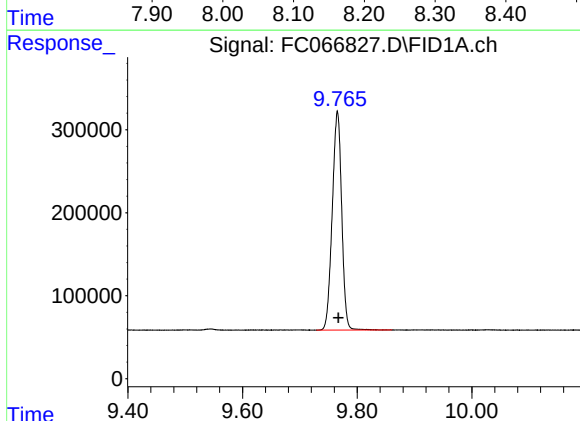
R.T.: 6.988 min
Delta R.T.: -0.003 min
Response: 3059256
Conc: 19.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



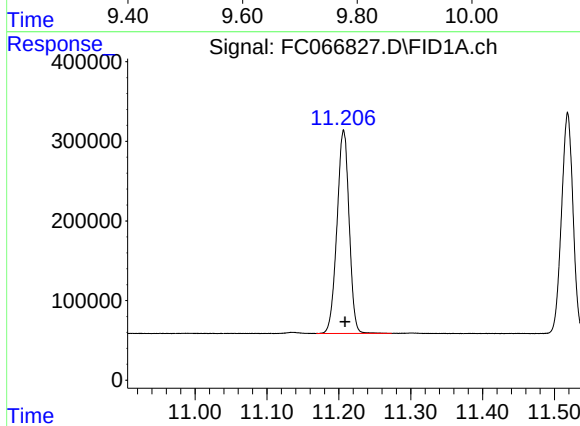
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.003 min
Response: 2934980
Conc: 20.06 ug/ml



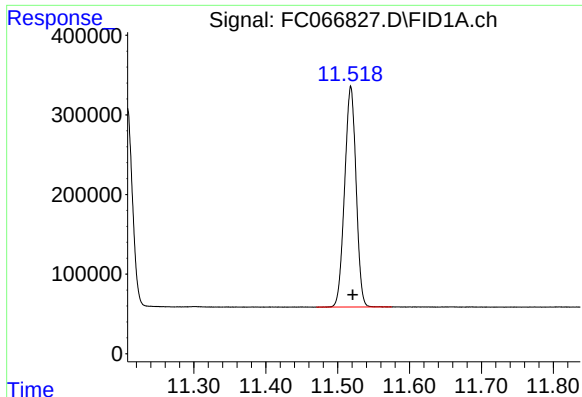
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.002 min
Response: 3020187
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

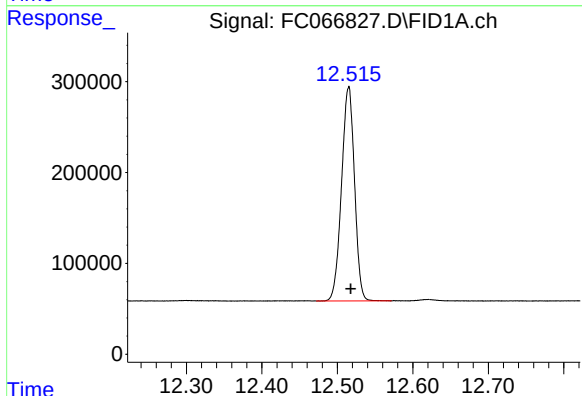
R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 2995684
Conc: 20.19 ug/ml



#9 ortho-Terphenyl (SURR)

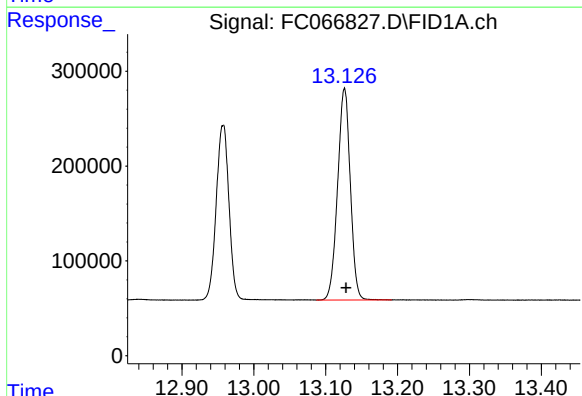
R.T.: 11.518 min
Delta R.T.: -0.002 min
Response: 3065528
Conc: 19.91 ug/ml

Instrument :
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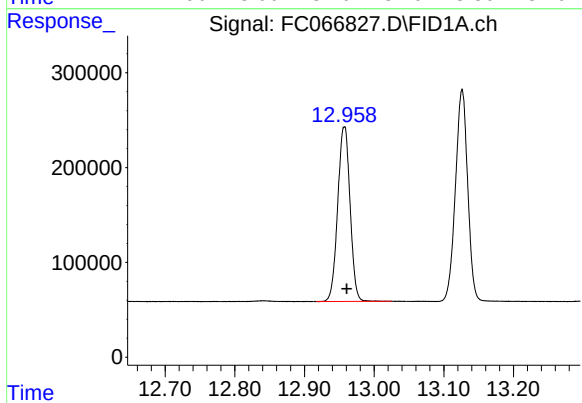
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.003 min
Response: 2813467
Conc: 20.18 ug/ml



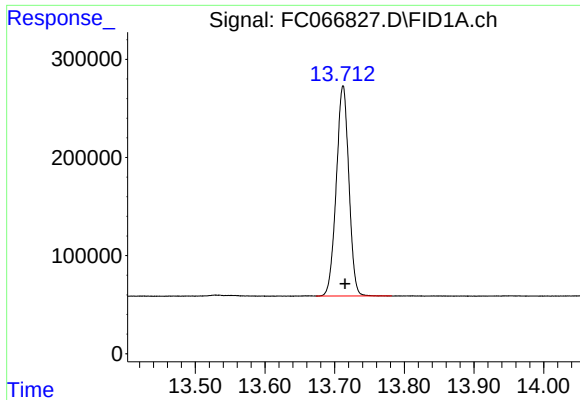
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.002 min
Response: 2736609
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

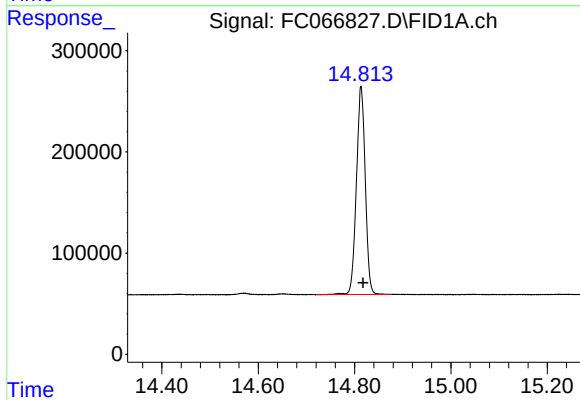
R.T.: 12.957 min
Delta R.T.: -0.004 min
Response: 2268915
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

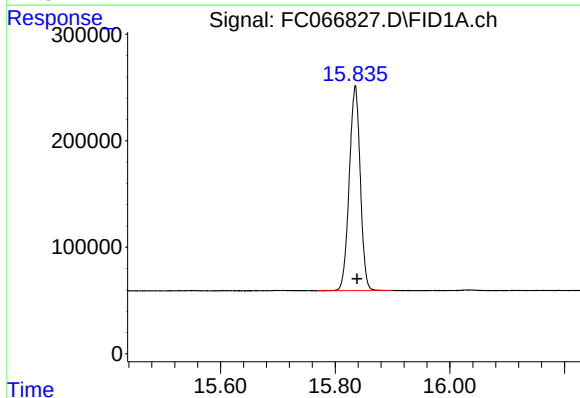
R.T.: 13.712 min
Delta R.T.: -0.003 min
Response: 2682994
Conc: 19.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



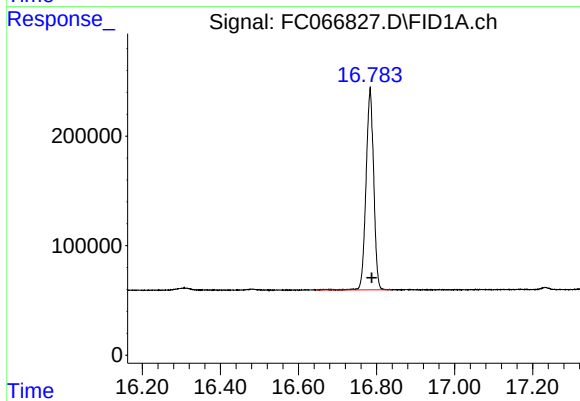
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 2637993
Conc: 19.83 ug/ml



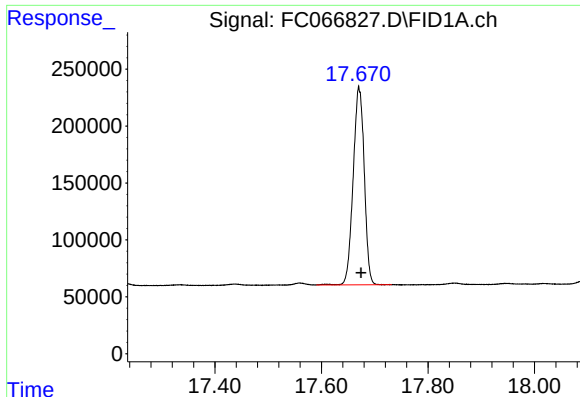
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.003 min
Response: 2563203
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

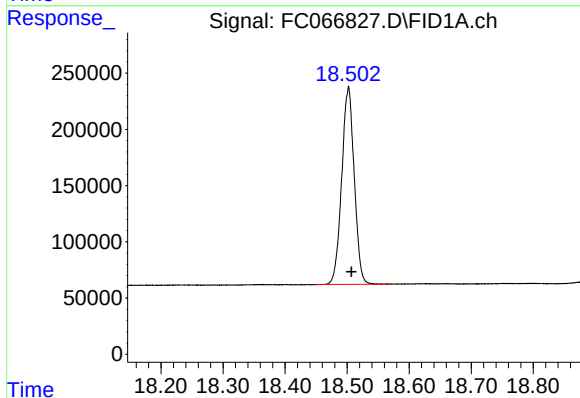
R.T.: 16.783 min
Delta R.T.: -0.004 min
Response: 2494309
Conc: 19.77 ug/ml



#17 n-Tricontane (C30)

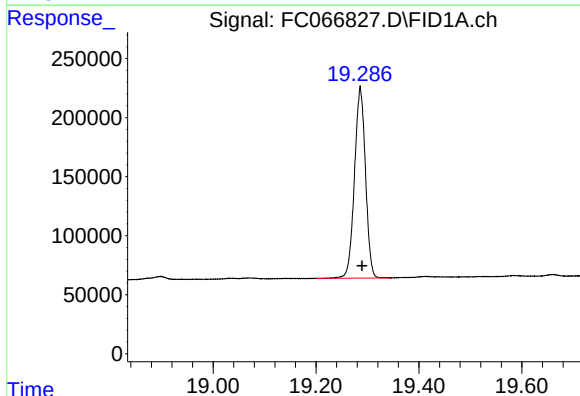
R.T.: 17.671 min
Delta R.T.: -0.004 min
Response: 2509993
Conc: 19.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



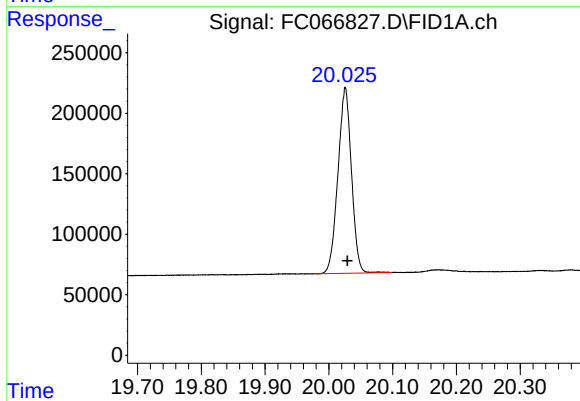
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: -0.005 min
Response: 2464345
Conc: 19.57 ug/ml



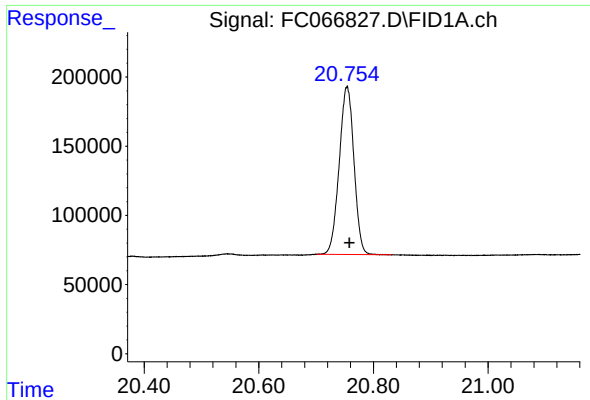
#19 n-Tetratriacontane (C34)

R.T.: 19.286 min
Delta R.T.: -0.004 min
Response: 2393501
Conc: 19.35 ug/ml



#20 n-Hexatriacontane (C36)

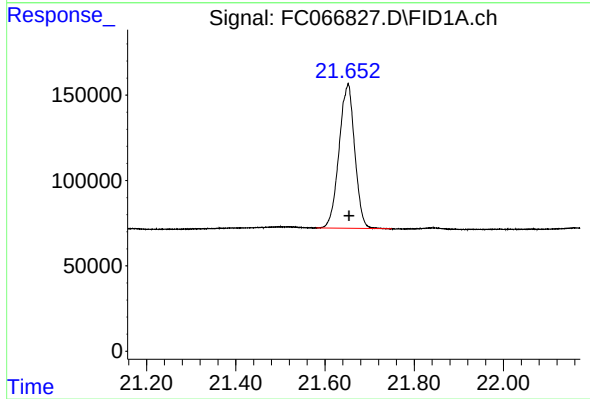
R.T.: 20.026 min
Delta R.T.: -0.003 min
Response: 2259167
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.004 min
Response: 2166815
Conc: 19.50 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: -0.003 min
Response: 2055852
Conc: 18.91 ug/ml