

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
 Data File : FC063326.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 09:23
 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: Apr 10 05:49:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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)	11.527	3390943	22.287 ug/ml
Spiked Amount 50.000		Recovery =	44.57%
12) S 1-chlorooctadecane (S...	12.965	2483358	22.444 ug/ml
Spiked Amount 50.000		Recovery =	44.89%
Target Compounds			
1) T n-Nonane (C9)	3.297	3158521	22.497 ug/ml
2) T n-Decane (C10)	4.363	3063969	22.484 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3407910	22.569 ug/ml
4) T n-Dodecane (C12)	6.381	3028730	22.514 ug/ml
5) T A~2-methylnaphthalene...	7.003	3135605	22.513 ug/ml
6) T n-Tetradecane (C14)	8.174	3038903	22.448 ug/ml
7) T n-Hexadecane (C16)	9.774	3054223	22.491 ug/ml
8) T n-Octadecane (C18)	11.214	3099928	22.380 ug/ml
10) T n-Eicosane (C20)	12.521	2987189	22.234 ug/ml
11) T n-Heneicosane (C21)	13.133	2993853	22.245 ug/ml
13) T n-Docosane (C22)	13.717	2953274	22.146 ug/ml
14) T n-Tetracosane (C24)	14.819	2948231	21.927 ug/ml
15) T n-Hexacosane (C26)	15.836	2933836	21.918 ug/ml
16) T n-Octacosane (C28)	16.784	3032477	22.396 ug/ml
17) T n-Tricontane (C30)	17.669	3382552	24.452 ug/ml
18) T n-Dotriacontane (C32)	18.499	3580414	25.361 ug/ml
19) T n-Tetratriacontane (C34)	19.280	3321083	24.065 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2986742	23.367 ug/ml
21) T n-Octatriacontane (C38)	20.743	2774791	22.535 ug/ml
22) T n-Tetracontane (C40)	21.635	2386121	20.277 ug/ml

(f)=RT Delta > 1/2 Window

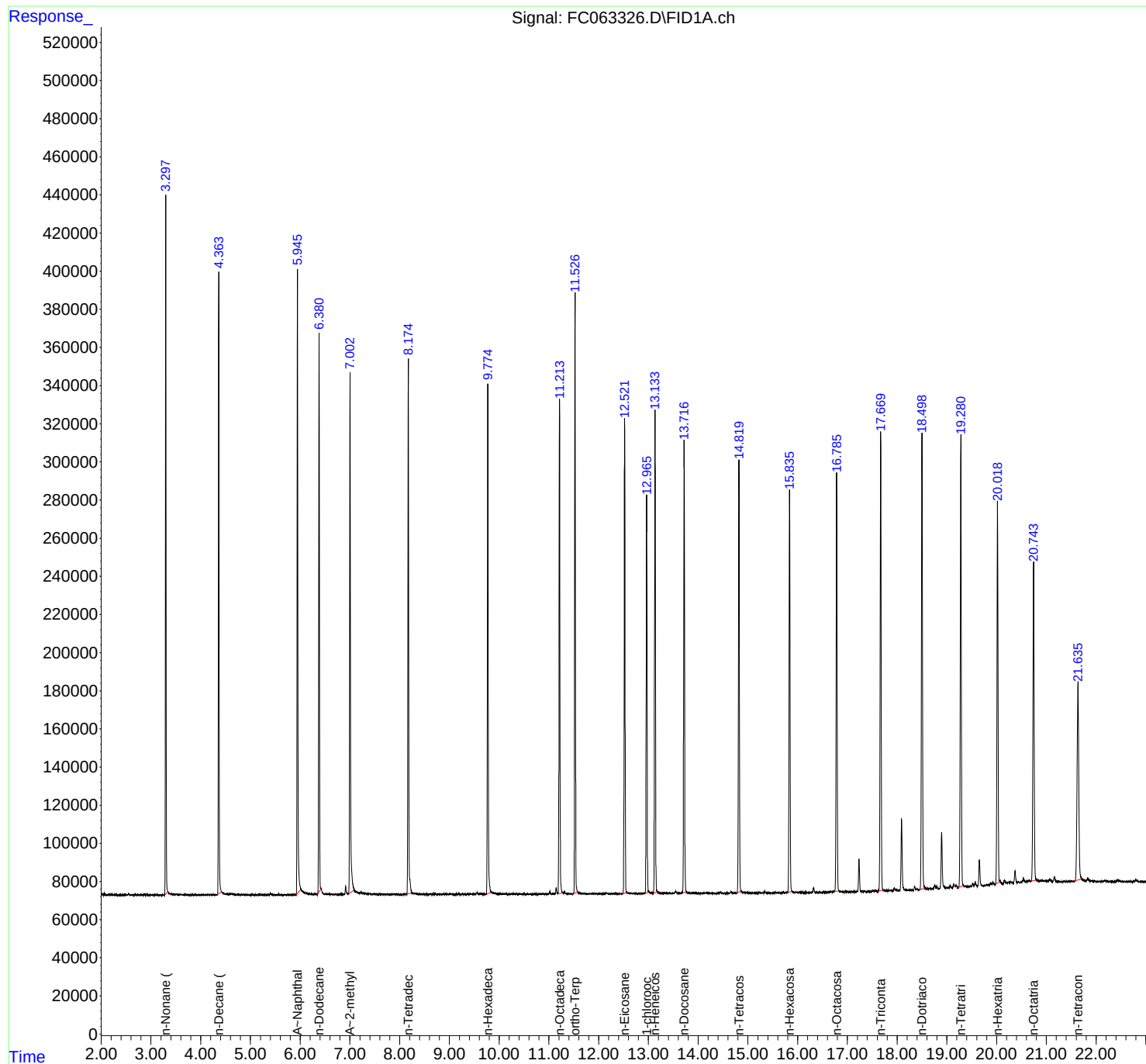
(m)=manual int.

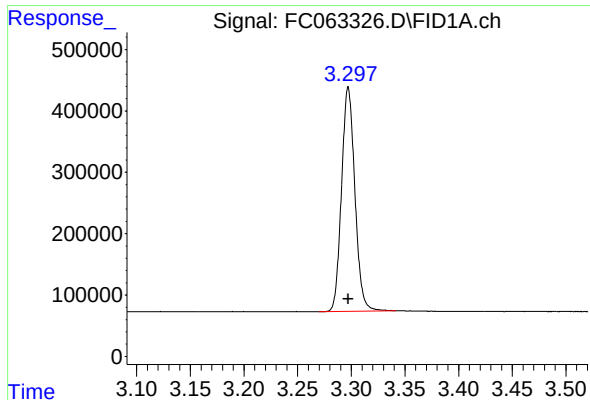
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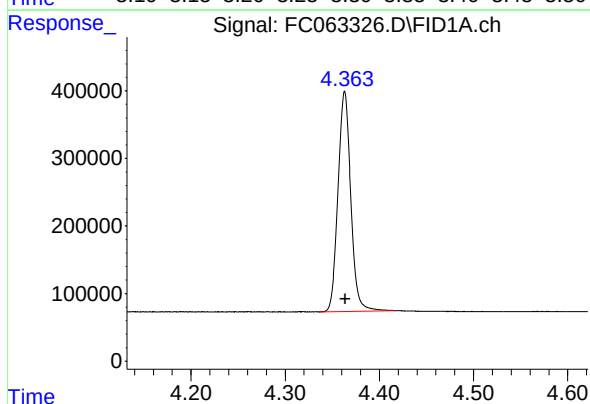




#1 n-Nonane (C9)

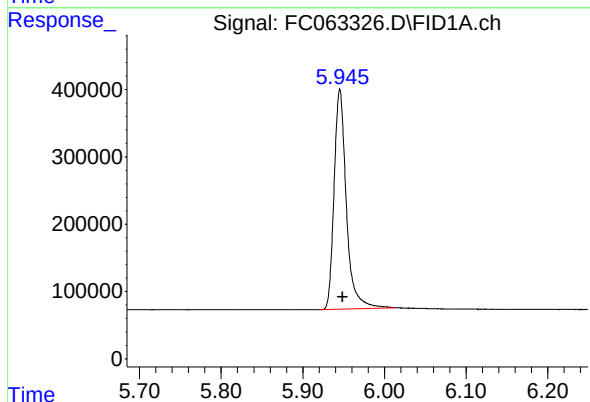
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 3158521
Conc: 22.50 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



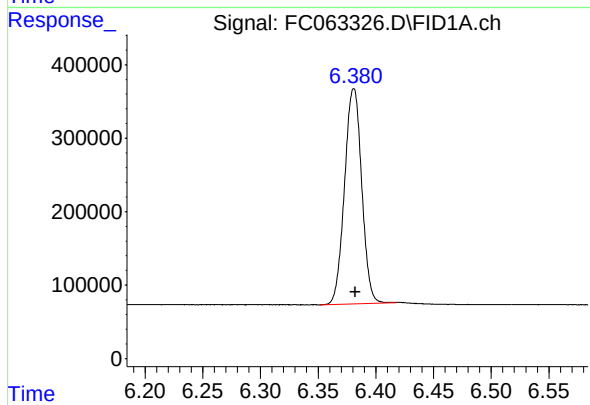
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 3063969
Conc: 22.48 ug/ml



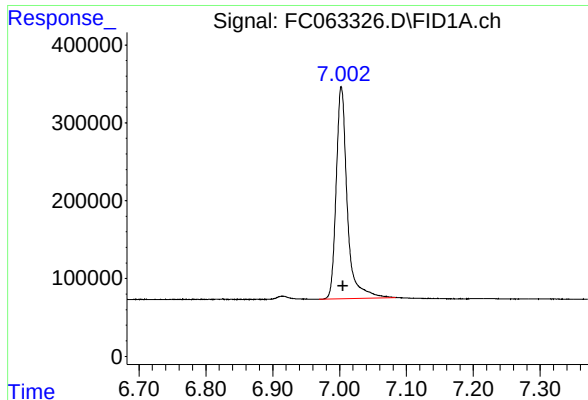
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 3407910
Conc: 22.57 ug/ml



#4 n-Dodecane (C12)

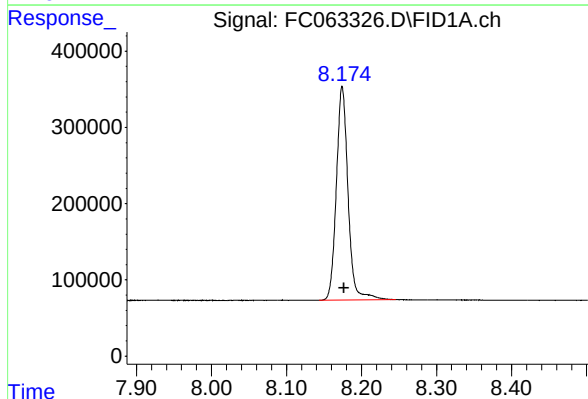
R.T.: 6.381 min
Delta R.T.: -0.001 min
Response: 3028730
Conc: 22.51 ug/ml



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

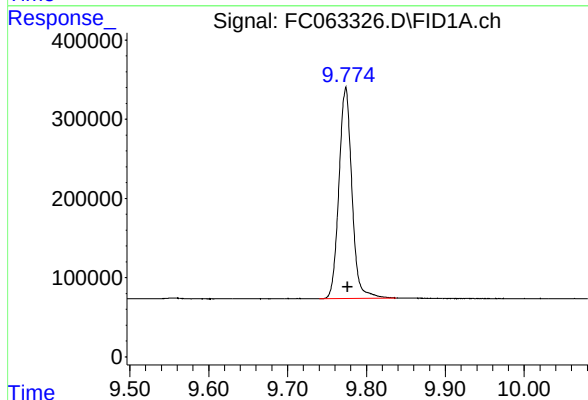
R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 3135605
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



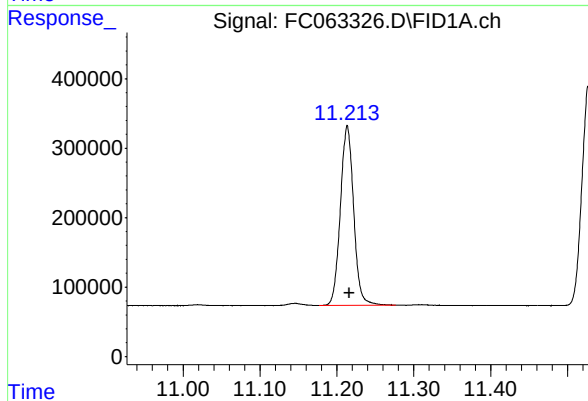
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 3038903
Conc: 22.45 ug/ml



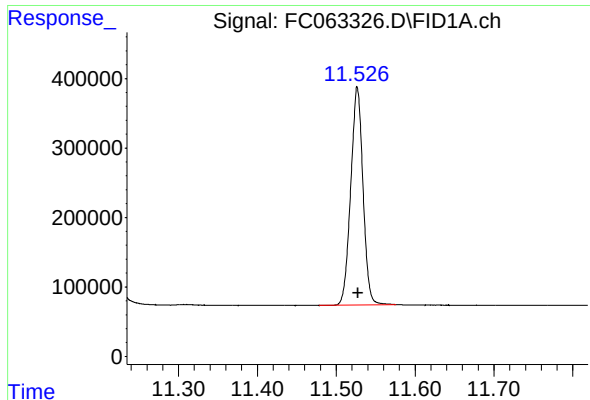
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.002 min
Response: 3054223
Conc: 22.49 ug/ml



#8 n-Octadecane (C18)

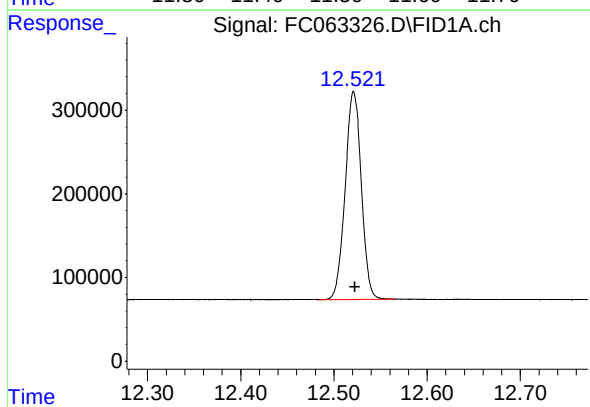
R.T.: 11.214 min
Delta R.T.: -0.002 min
Response: 3099928
Conc: 22.38 ug/ml



#9 ortho-Terphenyl (SURR)

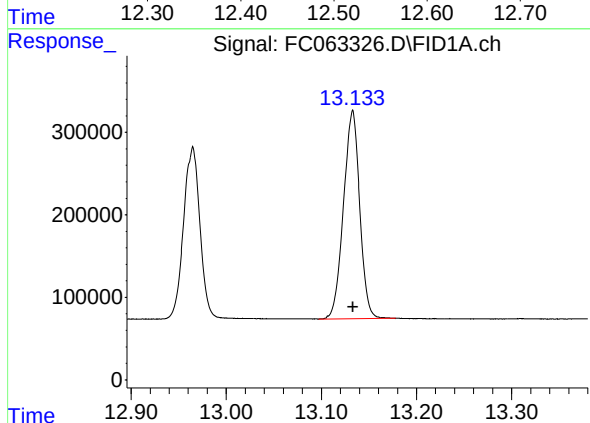
R.T.: 11.527 min
Delta R.T.: -0.001 min
Response: 3390943
Conc: 22.29 ug/ml

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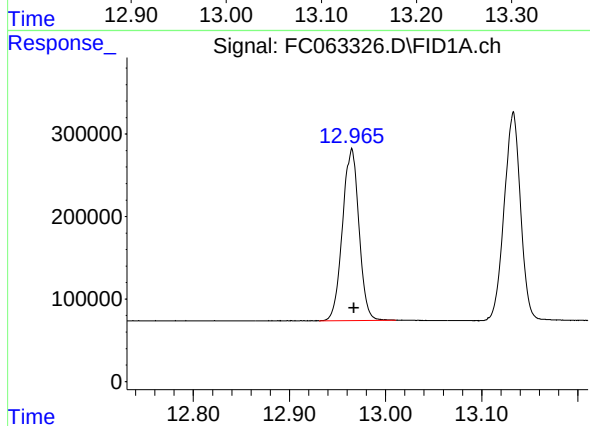
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.001 min
Response: 2987189
Conc: 22.23 ug/ml



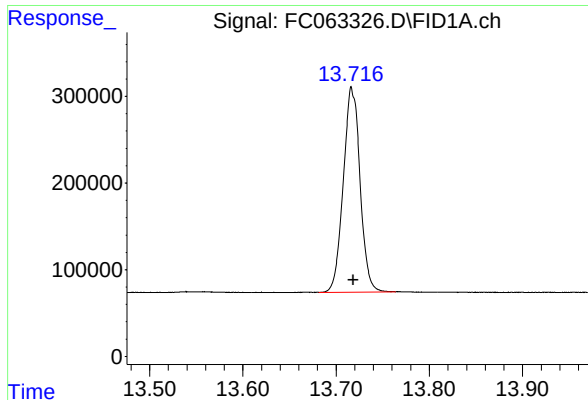
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 2993853
Conc: 22.24 ug/ml



#12 1-chlorooctadecane (SURR)

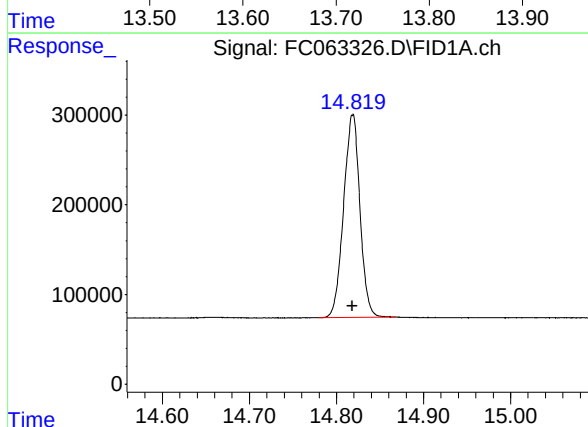
R.T.: 12.965 min
Delta R.T.: -0.002 min
Response: 2483358
Conc: 22.44 ug/ml



#13 n-Docosane (C22)

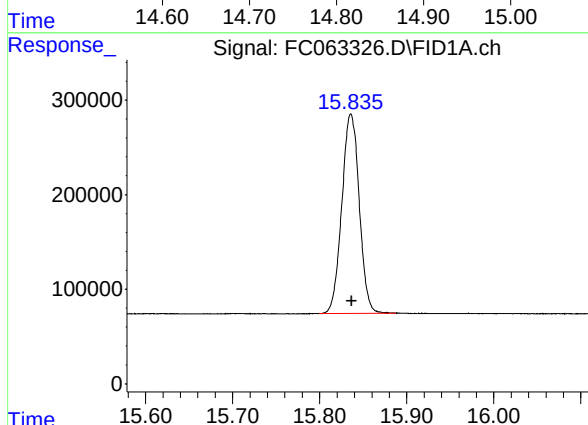
R.T.: 13.717 min
Delta R.T.: -0.002 min
Response: 2953274
Conc: 22.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



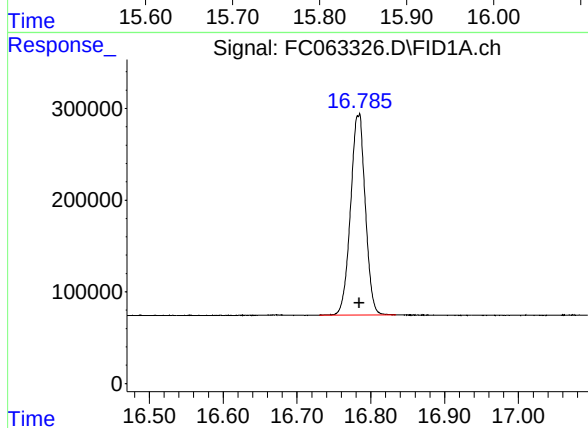
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 2948231
Conc: 21.93 ug/ml



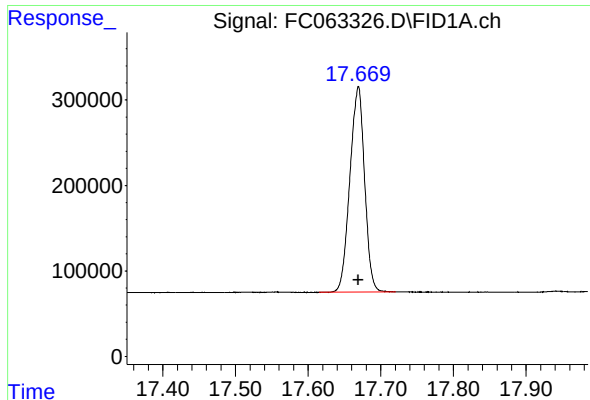
#15 n-Hexacosane (C26)

R.T.: 15.836 min
Delta R.T.: 0.000 min
Response: 2933836
Conc: 21.92 ug/ml



#16 n-Octacosane (C28)

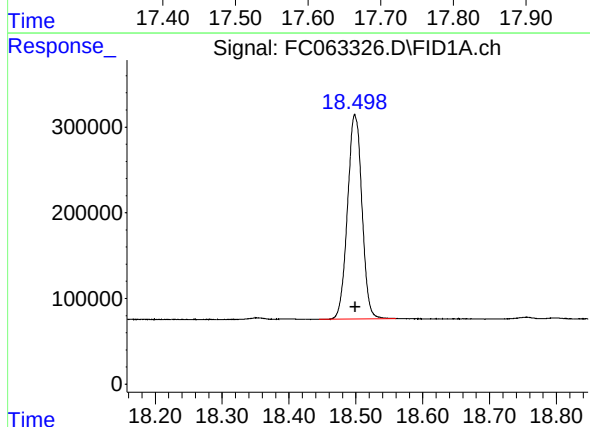
R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 3032477
Conc: 22.40 ug/ml



#17 n-Tricontane (C30)

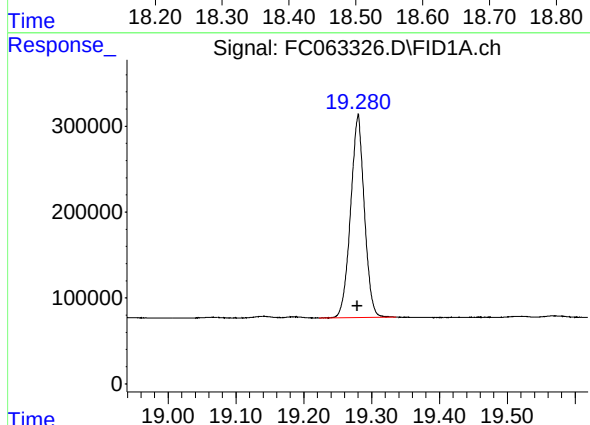
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 3382552
Conc: 24.45 ug/ml

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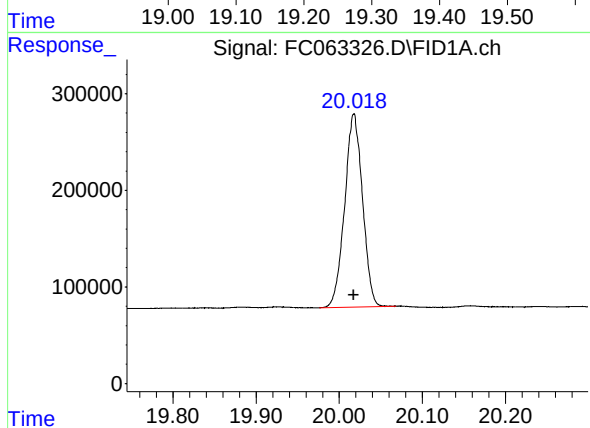
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 3580414
Conc: 25.36 ug/ml



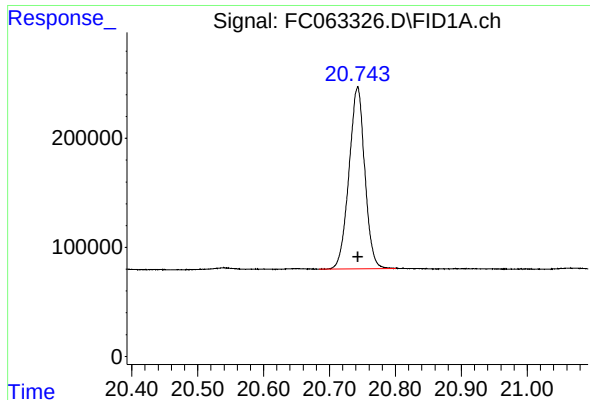
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.001 min
Response: 3321083
Conc: 24.07 ug/ml



#20 n-Hexatriacontane (C36)

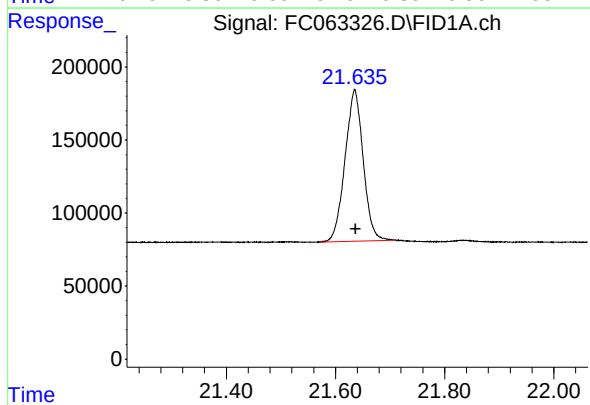
R.T.: 20.018 min
Delta R.T.: 0.000 min
Response: 2986742
Conc: 23.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 2774791
Conc: 22.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.001 min
Response: 2386121
Conc: 20.28 ug/ml