

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021024AL\
 Data File : FC065711.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2024 23:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 02:56:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.489	3466845	20.211 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	12.922	2573054	20.445 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T n-Nonane (C9)	3.280	3094214	20.596 ug/ml
2) T n-Decane (C10)	4.343	3135329	20.621 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3200700	20.755 ug/ml
4) T n-Dodecane (C12)	6.356	3146027	20.555 ug/ml
5) T A~2-methylnaphthalene...	6.984	3008053	21.124 ug/ml
6) T n-Tetradecane (C14)	8.146	3042636	20.494 ug/ml
7) T n-Hexadecane (C16)	9.741	3059857	20.404 ug/ml
8) T n-Octadecane (C18)	11.176	3114372	20.190 ug/ml
10) T n-Eicosane (C20)	12.479	3037831	20.201 ug/ml
11) T n-Heneicosane (C21)	13.087	3012481	20.143 ug/ml
13) T n-Docosane (C22)	13.671	3021249	20.369 ug/ml
14) T n-Tetracosane (C24)	14.769	3040755	20.451 ug/ml
15) T n-Hexacosane (C26)	15.784	3044189	20.543 ug/ml
16) T n-Octacosane (C28)	16.730	3044979	20.752 ug/ml
17) T n-Tricontane (C30)	17.612	3154064	21.011 ug/ml
18) T n-Dotriacontane (C32)	18.440	3134384	21.195 ug/ml
19) T n-Tetratriacontane (C34)	19.221	3042501	20.991 ug/ml
20) T n-Hexatriacontane (C36)	19.958	2957053	20.832 ug/mlm
21) T n-Octatriacontane (C38)	20.674	2906935	20.536 ug/mlm
22) T n-Tetracontane (C40)	21.545	2826627	20.264 ug/mlm

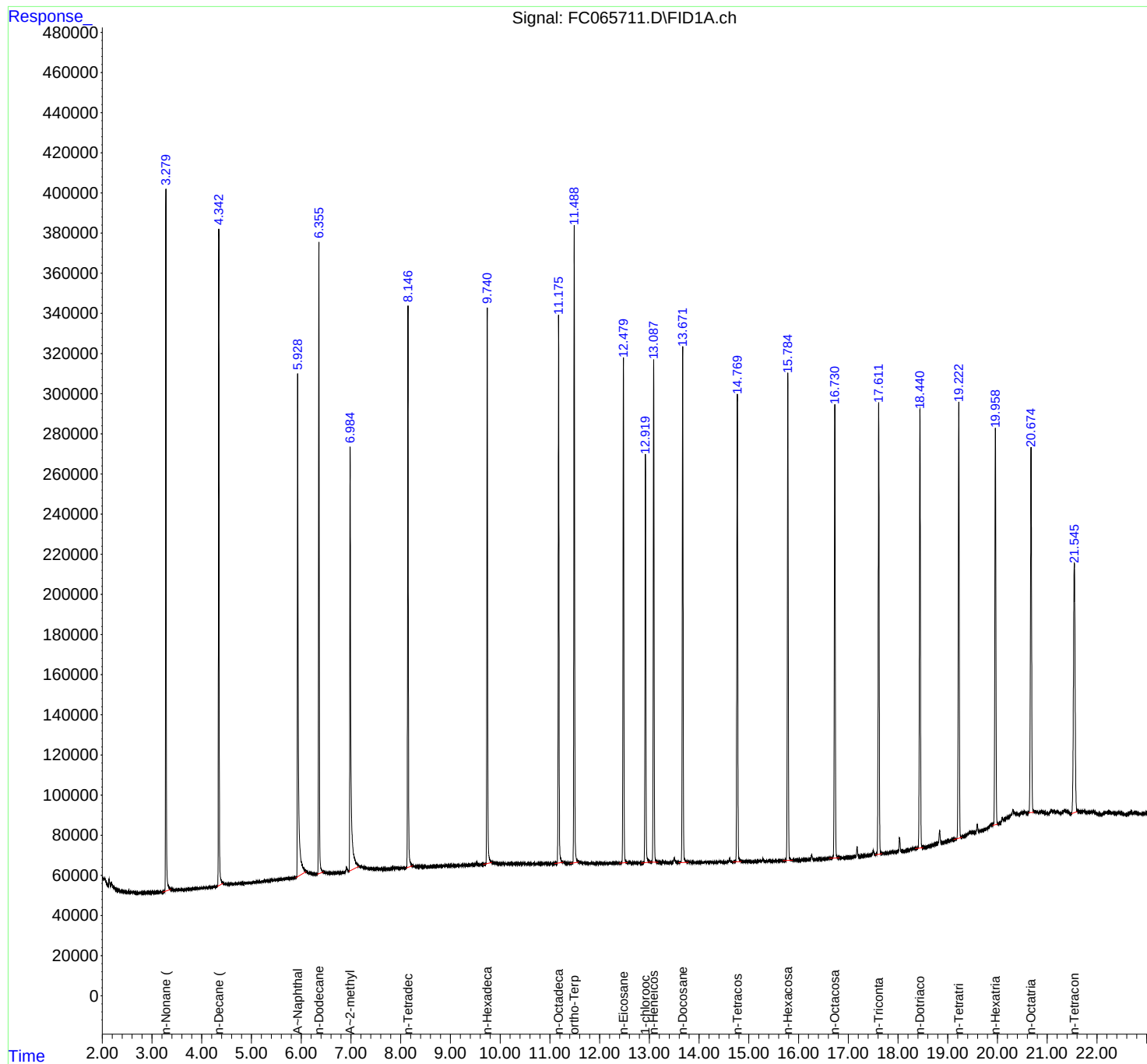
(f)=RT Delta > 1/2 Window

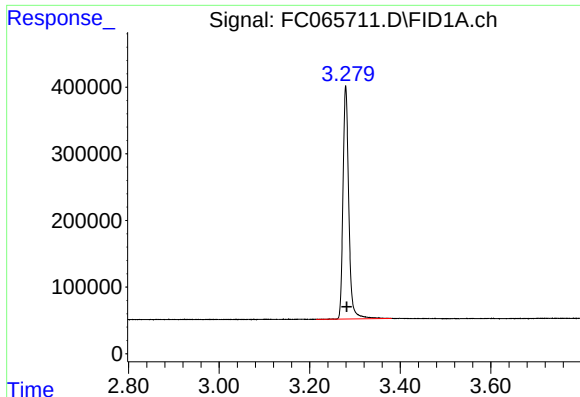
(m)=manual int.

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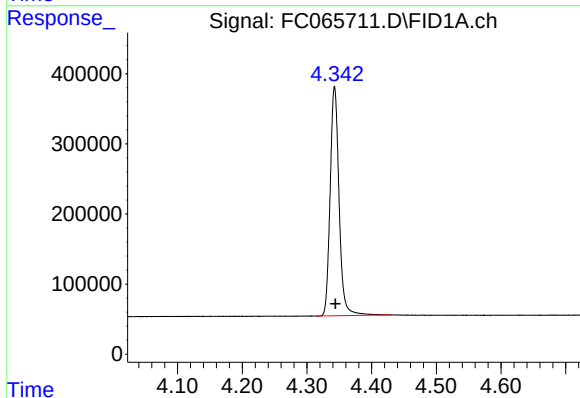
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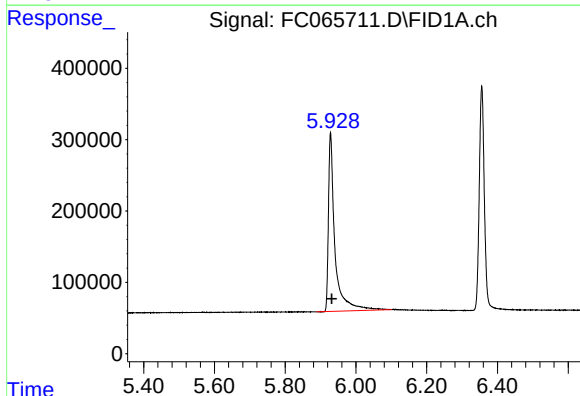
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.002 min
Response: 3094214
Conc: 20.60 ug/ml



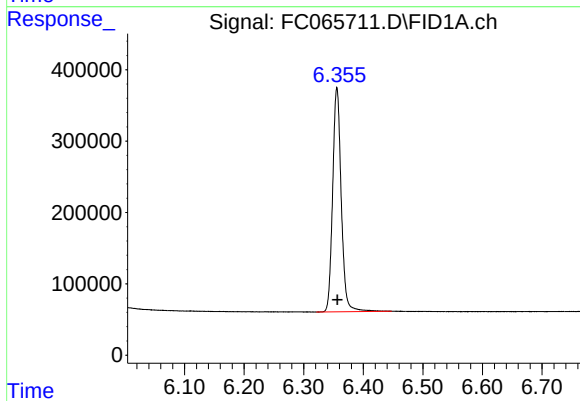
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 3135329
Conc: 20.62 ug/ml



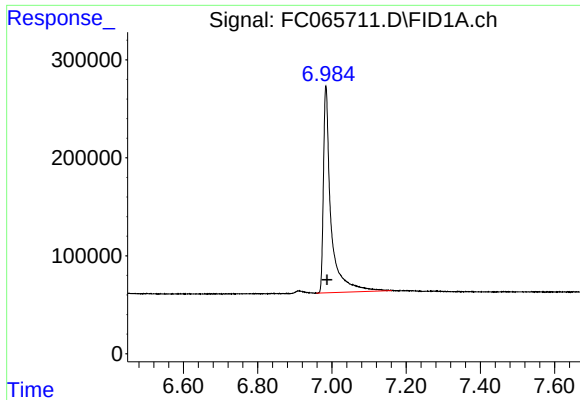
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 3200700
Conc: 20.76 ug/ml



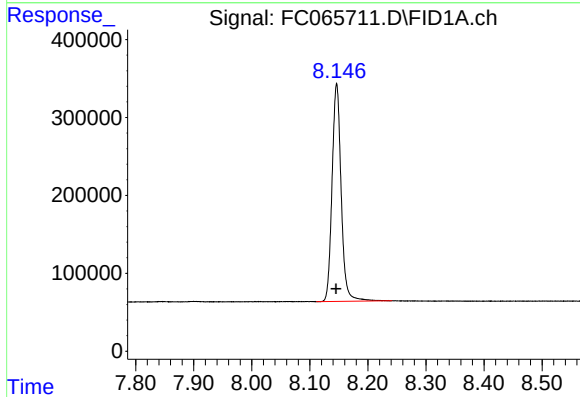
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 3146027
Conc: 20.56 ug/ml



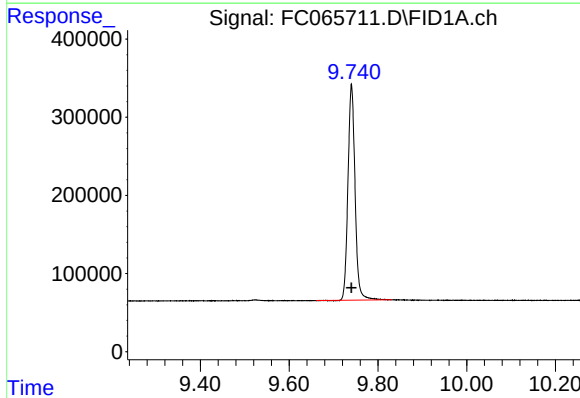
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 3008053
Conc: 21.12 ug/ml



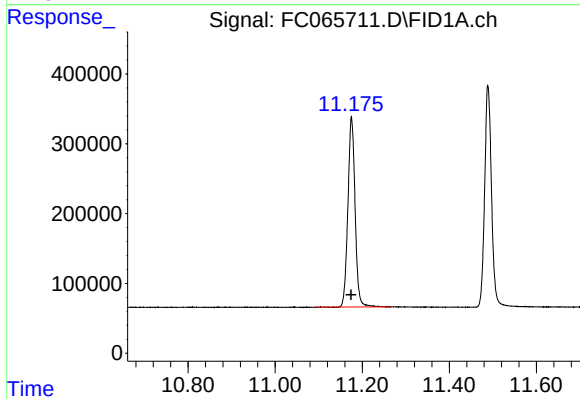
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 3042636
Conc: 20.49 ug/ml



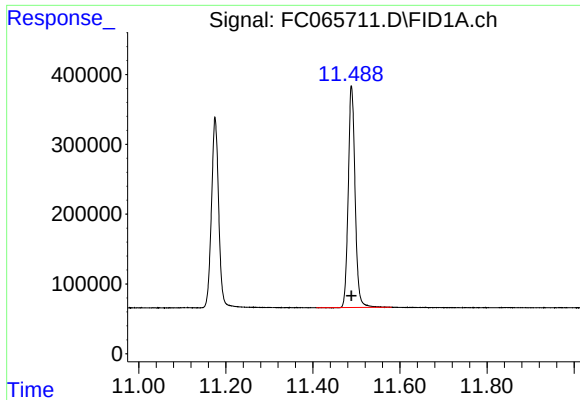
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: 0.000 min
Response: 3059857
Conc: 20.40 ug/ml



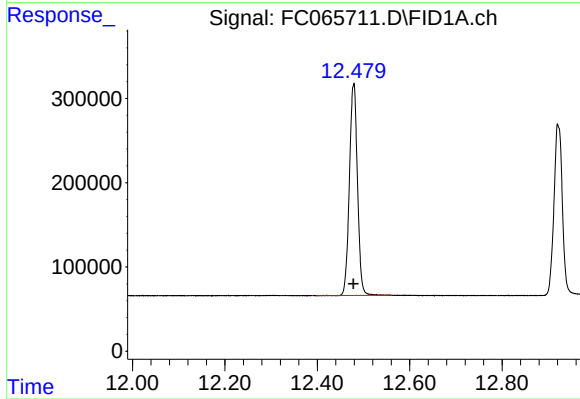
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 3114372
Conc: 20.19 ug/ml



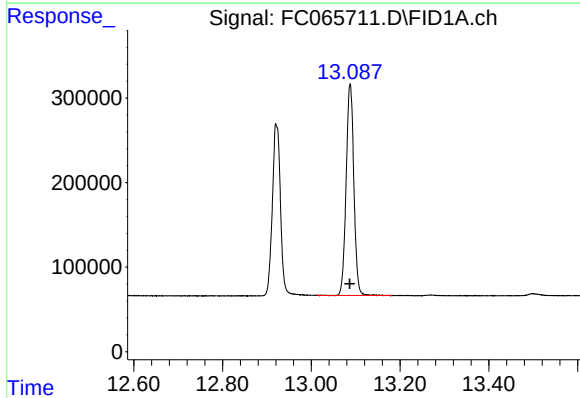
#9 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: 0.000 min
Response: 3466845
Conc: 20.21 ug/ml



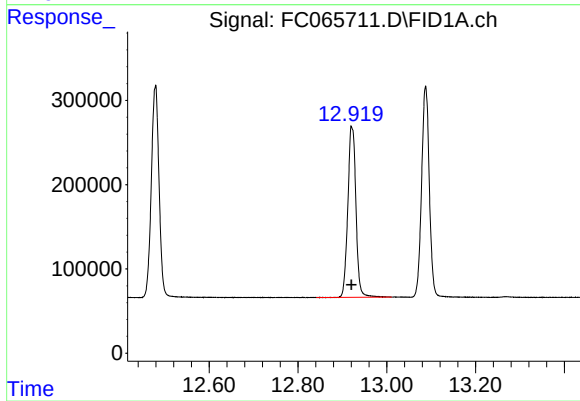
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 3037831
Conc: 20.20 ug/ml



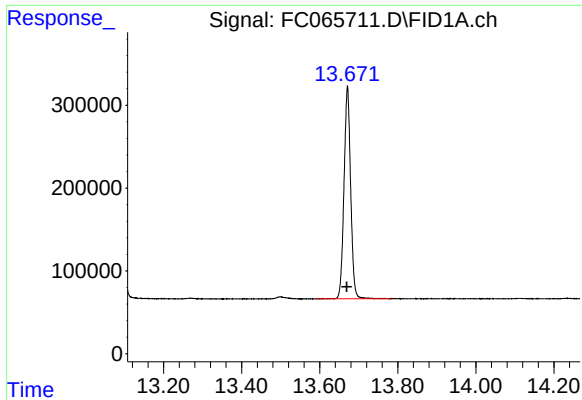
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.001 min
Response: 3012481
Conc: 20.14 ug/ml



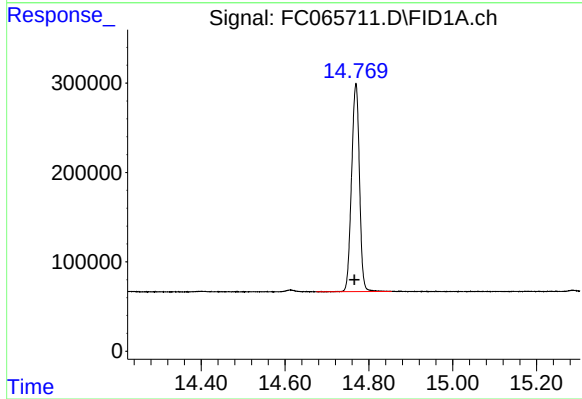
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: 0.001 min
Response: 2573054
Conc: 20.45 ug/ml



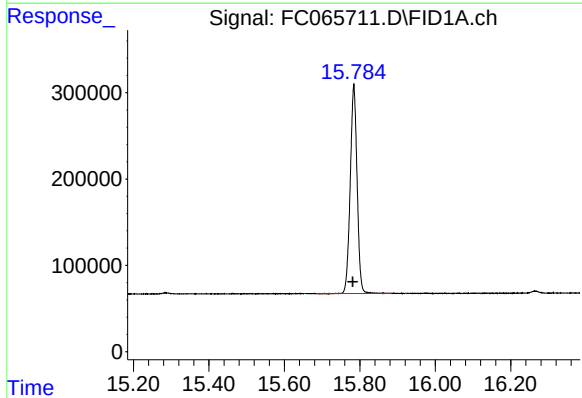
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: 0.002 min
Response: 3021249
Conc: 20.37 ug/ml



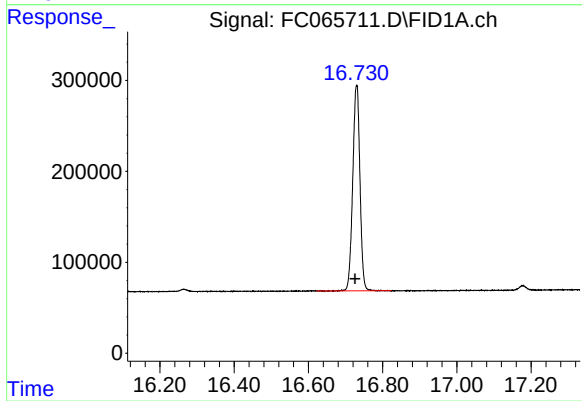
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.003 min
Response: 3040755
Conc: 20.45 ug/ml



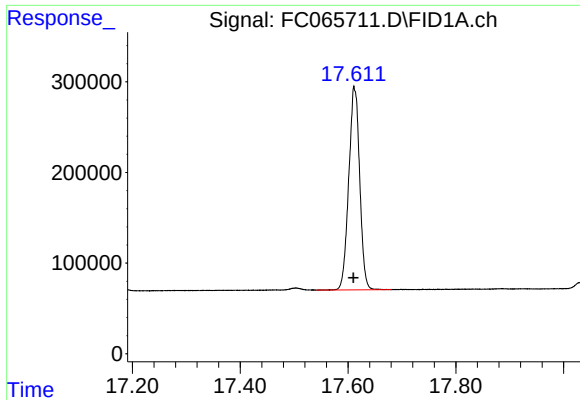
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.003 min
Response: 3044189
Conc: 20.54 ug/ml



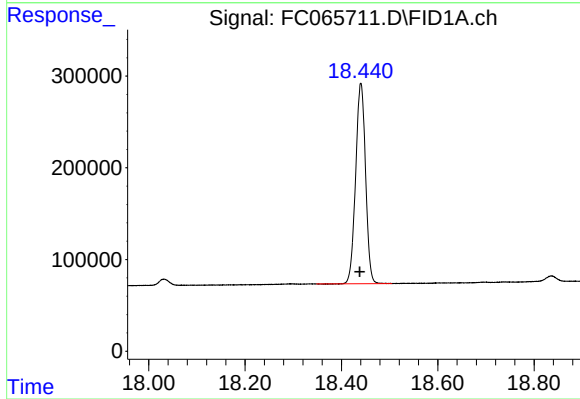
#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.004 min
Response: 3044979
Conc: 20.75 ug/ml



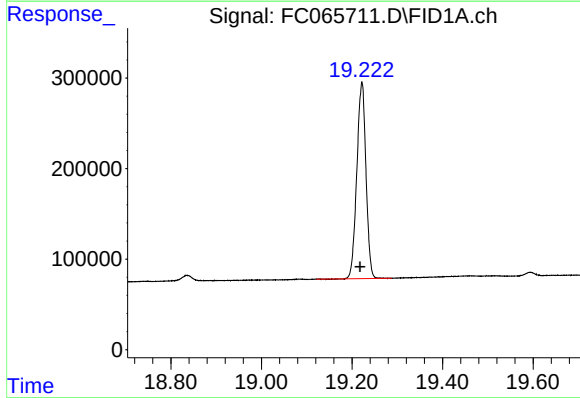
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: 0.002 min
Response: 3154064
Conc: 21.01 ug/ml



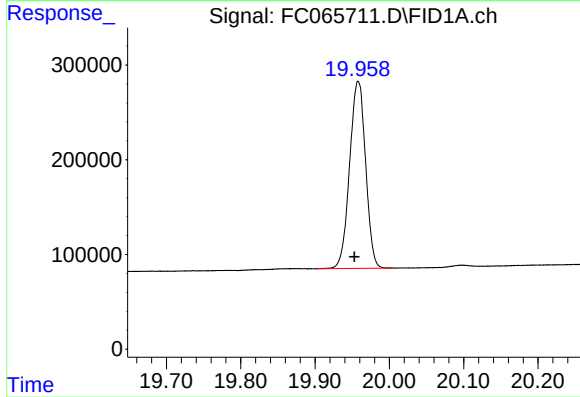
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.002 min
Response: 3134384
Conc: 21.19 ug/ml



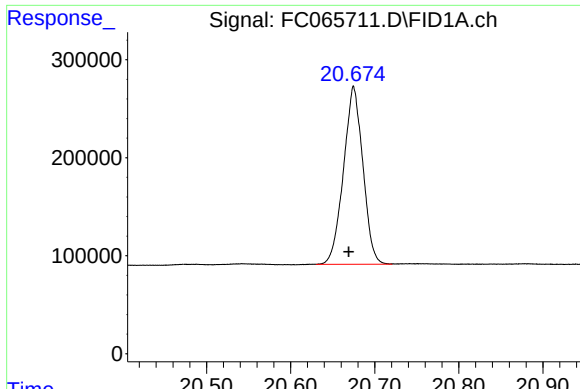
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.004 min
Response: 3042501
Conc: 20.99 ug/ml



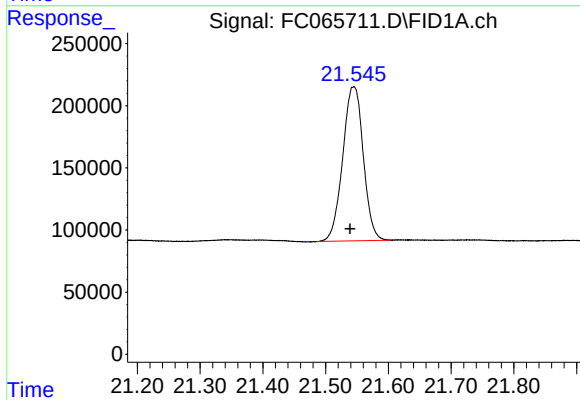
#20 n-Hexatriacontane (C36)

R.T.: 19.958 min
Delta R.T.: 0.005 min
Response: 2957053
Conc: 20.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: 0.005 min
Response: 2906935
Conc: 20.54 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.545 min
Delta R.T.: 0.006 min
Response: 2826627
Conc: 20.26 ug/ml m