

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040124AL\
 Data File : FC066163.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2024 14:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 01 15:22:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040124.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 13:05:22 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)	11.472	4324743	20.474 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
12) S 1-chlorooctadecane (S...	12.900	3211802	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.276	3711361	20.690 ug/ml
2) T n-Decane (C10)	4.336	3834804	20.621 ug/ml
3) T A~Naphthalene (C11.7)	5.921	3911592	20.498 ug/ml
4) T n-Dodecane (C12)	6.344	3917341	20.578 ug/ml
5) T A~2-methylnaphthalene...	6.976	3598055	20.318 ug/ml
6) T n-Tetradecane (C14)	8.131	3847381	20.625 ug/ml
7) T n-Hexadecane (C16)	9.723	3938918	20.499 ug/ml
8) T n-Octadecane (C18)	11.158	4023461	20.654 ug/ml
10) T n-Eicosane (C20)	12.458	3887788	20.571 ug/ml
11) T n-Heneicosane (C21)	13.066	3831970	20.475 ug/ml
13) T n-Docosane (C22)	13.648	3852521	20.343 ug/ml
14) T n-Tetracosane (C24)	14.743	3868943	19.933 ug/ml
15) T n-Hexacosane (C26)	15.758	3839424	19.881 ug/ml
16) T n-Octacosane (C28)	16.701	3802949	19.574 ug/ml
17) T n-Tricontane (C30)	17.582	3895192	19.675 ug/ml
18) T n-Dotriacontane (C32)	18.408	3835019	19.832 ug/ml
19) T n-Tetratriacontane (C34)	19.186	3700613	20.186 ug/ml
20) T n-Hexatriacontane (C36)	19.922	3546746	20.178 ug/ml
21) T n-Octatriacontane (C38)	20.632	3513495	20.363 ug/ml
22) T n-Tetracontane (C40)	21.487	3434663	20.399 ug/ml

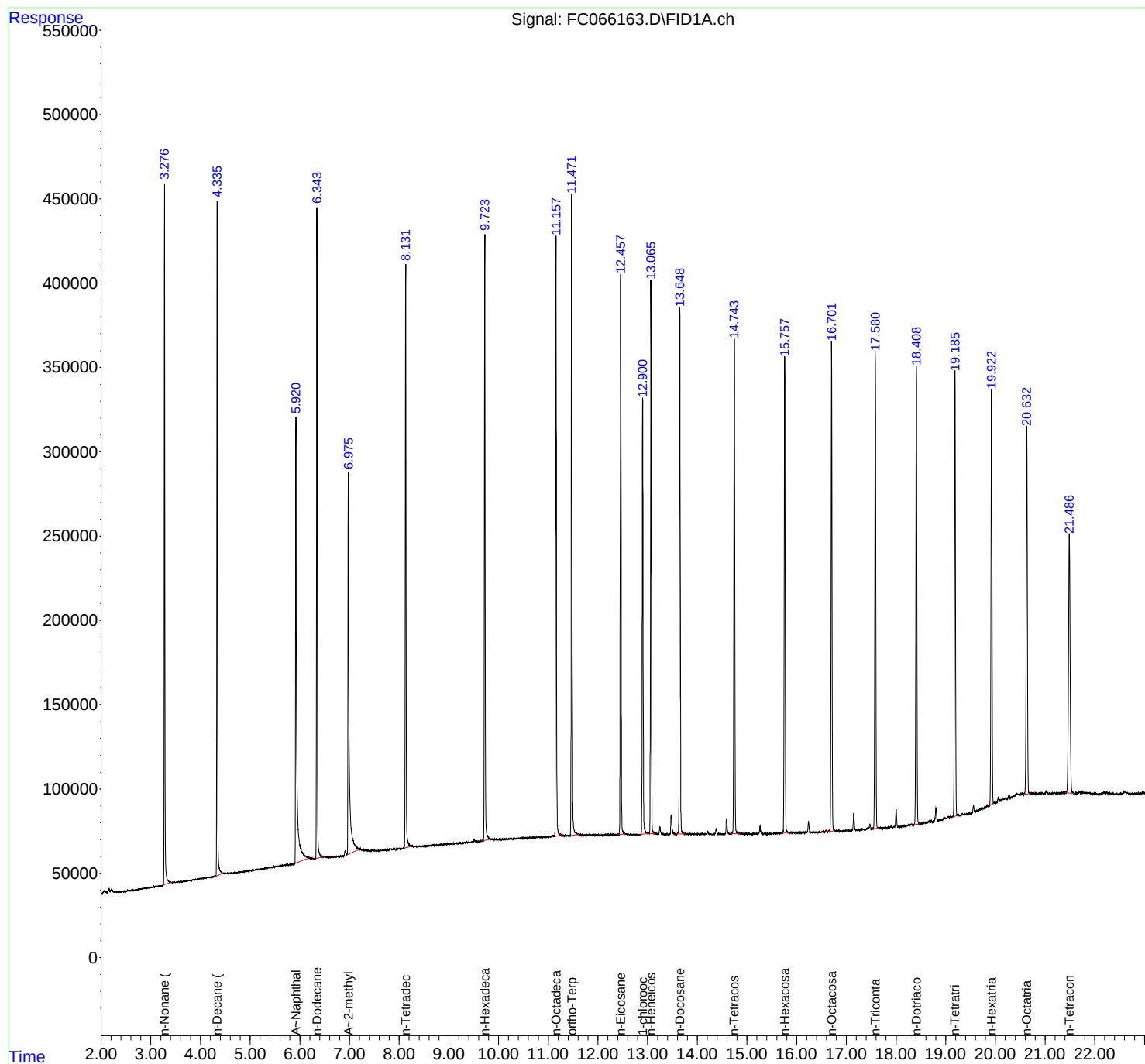
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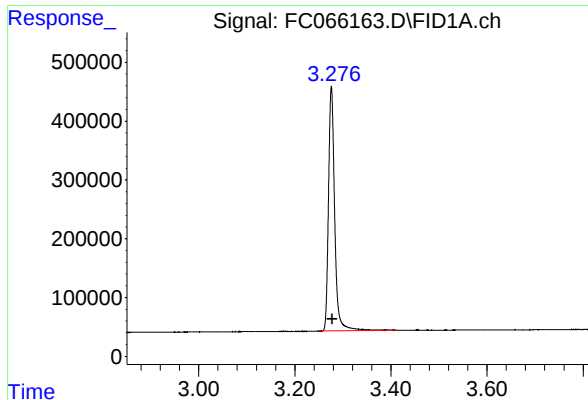
(m)=manual int.

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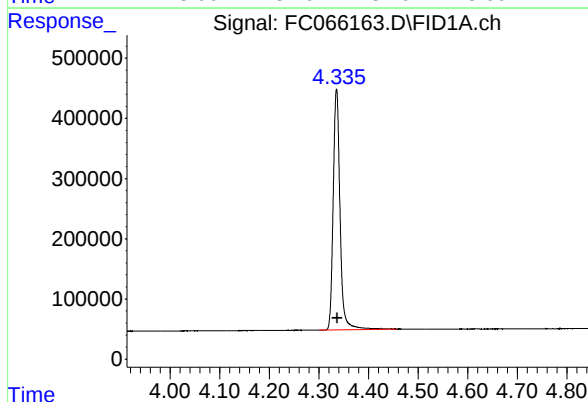
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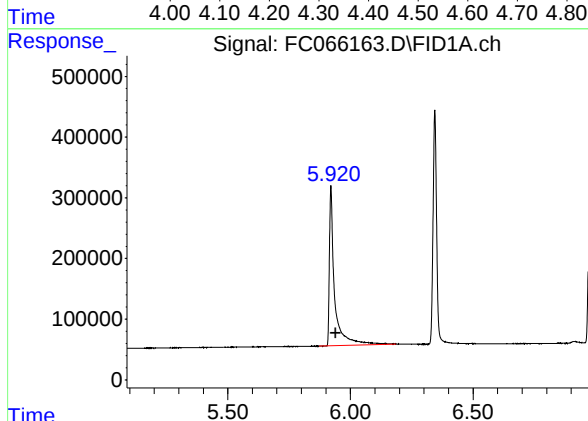
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.002 min
Response: 3711361
Conc: 20.69 ug/ml



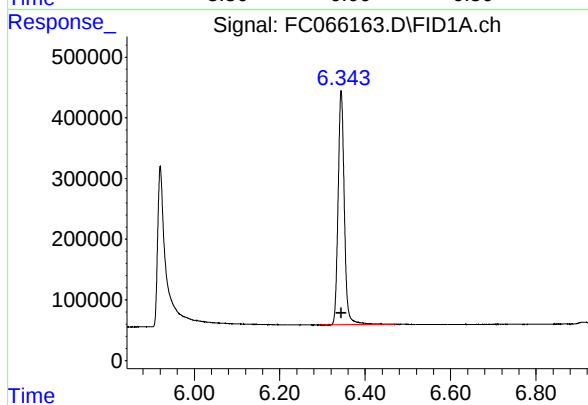
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 3834804
Conc: 20.62 ug/ml



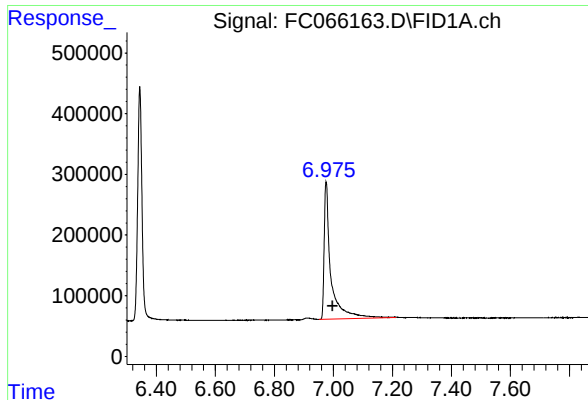
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.019 min
Response: 3911592
Conc: 20.50 ug/ml



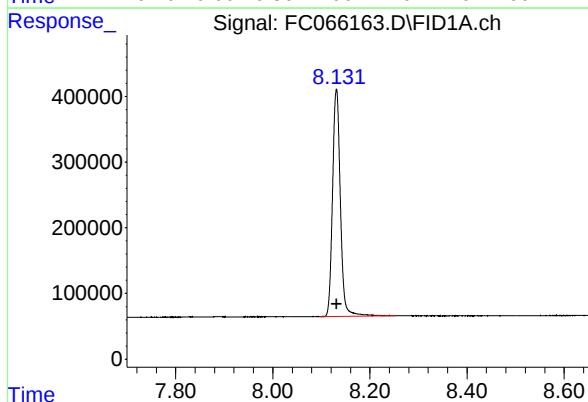
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 3917341
Conc: 20.58 ug/ml



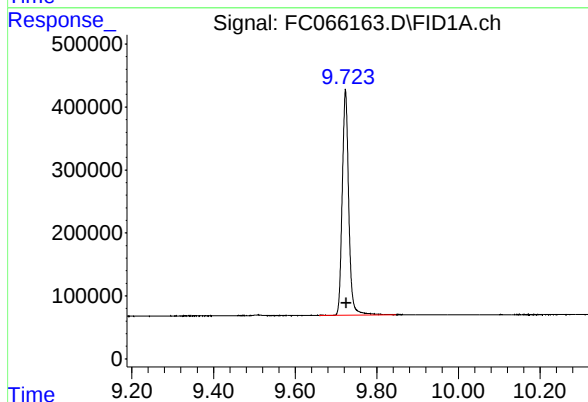
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.022 min
Response: 3598055
Conc: 20.32 ug/ml



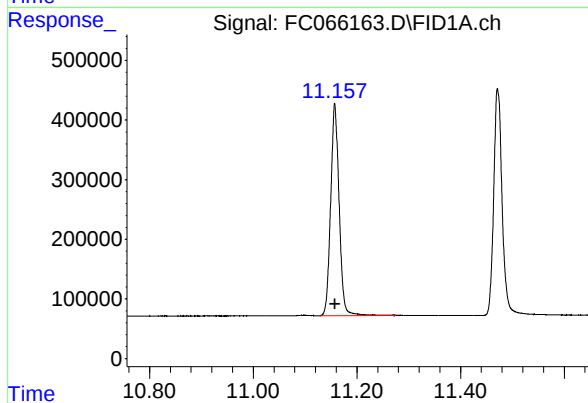
#6 n-Tetradecane (C14)

R.T.: 8.131 min
Delta R.T.: 0.000 min
Response: 3847381
Conc: 20.62 ug/ml



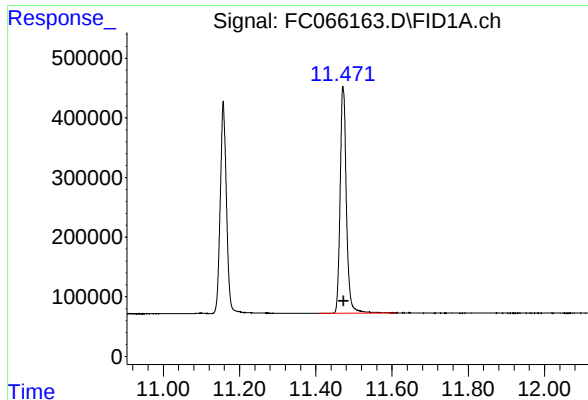
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.002 min
Response: 3938918
Conc: 20.50 ug/ml



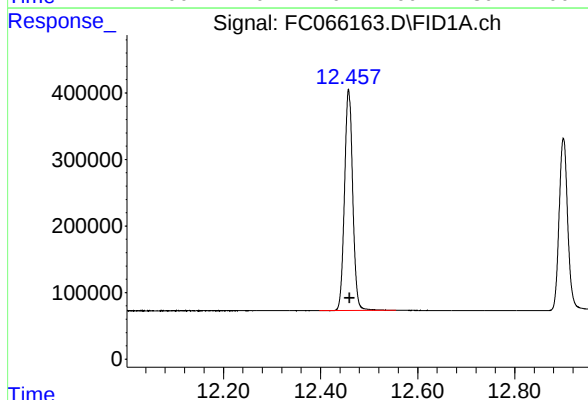
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: 0.000 min
Response: 4023461
Conc: 20.65 ug/ml



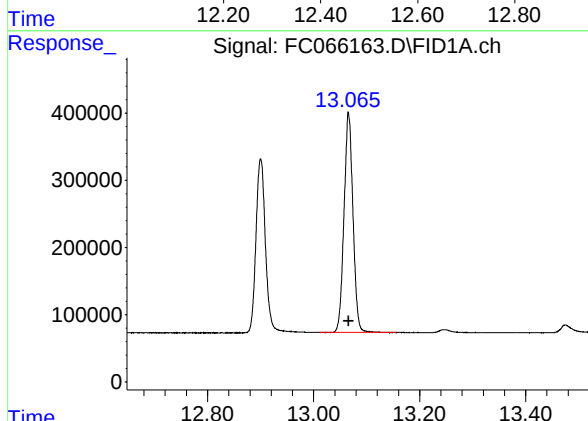
#9 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.002 min
Response: 4324743
Conc: 20.47 ug/ml



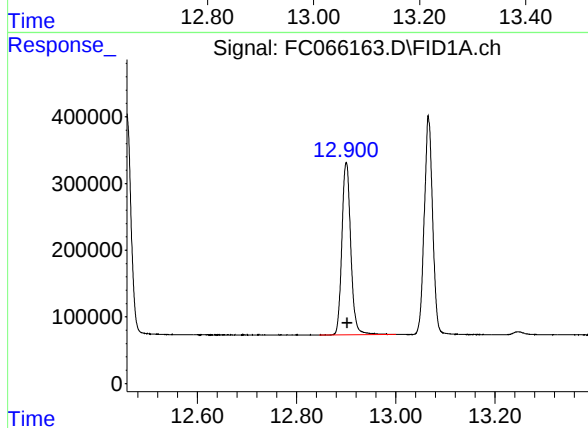
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: -0.001 min
Response: 3887788
Conc: 20.57 ug/ml



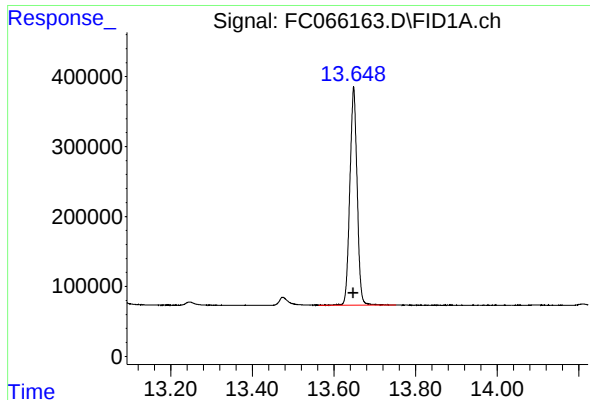
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: 0.000 min
Response: 3831970
Conc: 20.47 ug/ml



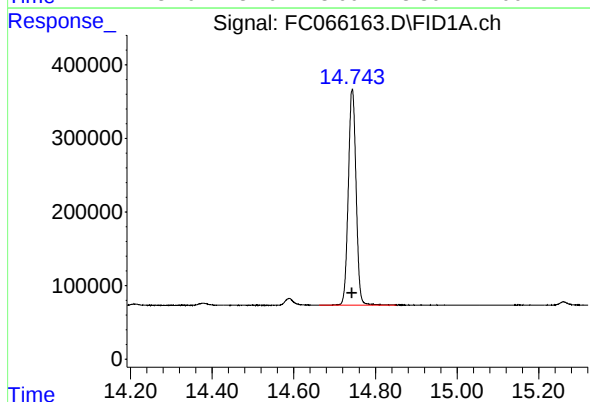
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: -0.002 min
Response: 3211802
Conc: 20.49 ug/ml



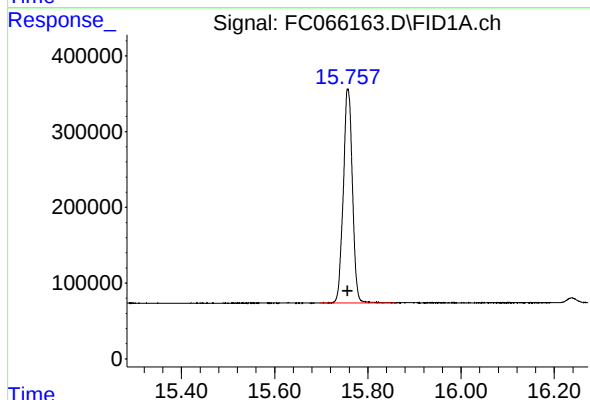
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 3852521
Conc: 20.34 ug/ml



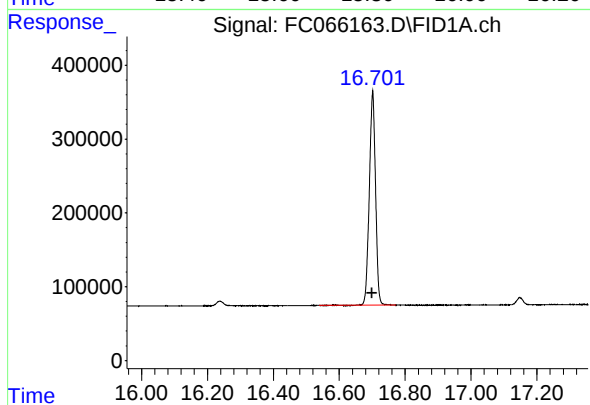
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: 0.000 min
Response: 3868943
Conc: 19.93 ug/ml



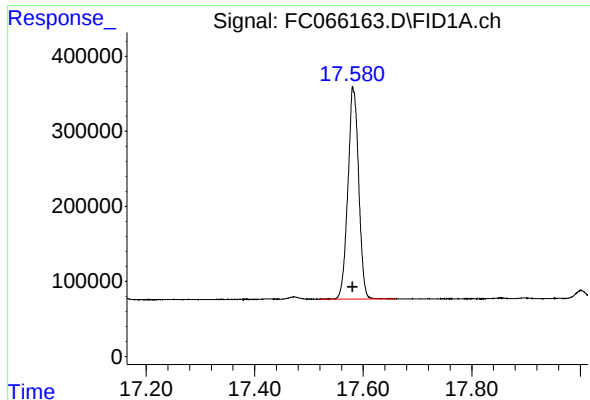
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: 0.001 min
Response: 3839424
Conc: 19.88 ug/ml



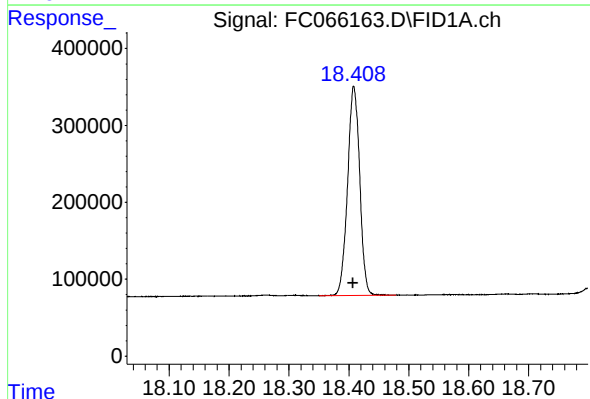
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: 0.002 min
Response: 3802949
Conc: 19.57 ug/ml



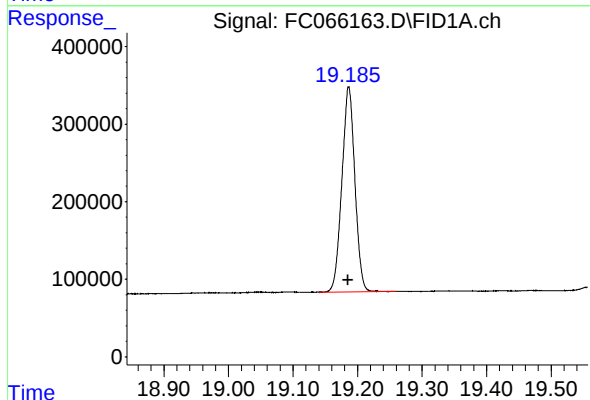
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: 0.002 min
Response: 3895192
Conc: 19.67 ug/ml



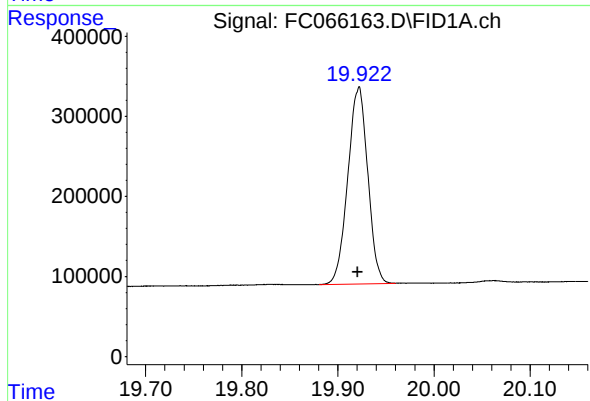
#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: 0.002 min
Response: 3835019
Conc: 19.83 ug/ml



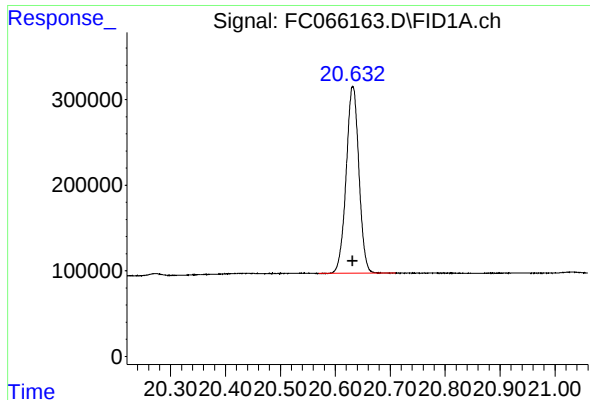
#19 n-Tetatriacontane (C34)

R.T.: 19.186 min
Delta R.T.: 0.001 min
Response: 3700613
Conc: 20.19 ug/ml



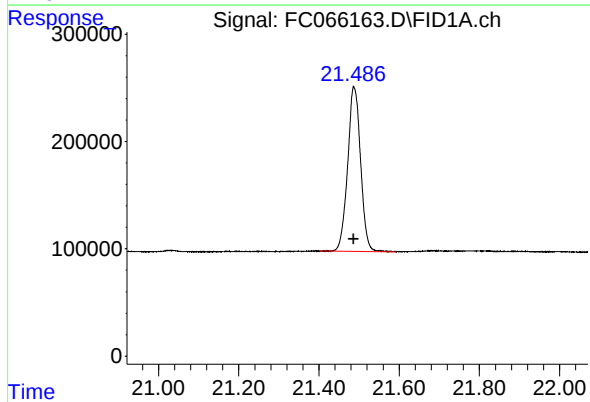
#20 n-Hexatriacontane (C36)

R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 3546746
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: 0.000 min
Response: 3513495
Conc: 20.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.487 min
Delta R.T.: 0.000 min
Response: 3434663
Conc: 20.40 ug/ml