

Data Path : P:\HPCHEM1\FID_D\Data\FD041218AL\
 Data File : FD022998.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2018 12:07
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 14:30:31 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 031618.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 19 11:51:27 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.182	1754498	17.090 ug/ml
Spiked Amount 50.000		Recovery =	34.18%
12) S 1-chlorooctadecane (S...	12.623	1465605	18.541 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T n-Nonane (C9)	3.024	1322651	15.039 ug/ml
2) T n-Decane (C10)	4.076	1376560	15.518 ug/ml
3) T A~Naphthalene (C11.7)	5.640	1554222	16.446 ug/ml
4) T n-Dodecane (C12)	6.078	1473138	16.010 ug/ml
5) T A~2-methylnaphthalene...	6.689	1606651	16.625 ug/ml
6) T n-Tetradecane (C14)	7.860	1515384	16.018 ug/ml
7) T n-Hexadecane (C16)	9.449	1539773	16.147 ug/ml
8) T n-Octadecane (C18)	10.881	1544927	16.393 ug/ml
10) T n-Eicosane (C20)	12.183	1597636	16.608 ug/ml
11) T n-Heneicosane (C21)	12.792	1593772	16.546 ug/ml
13) T n-Docosane (C22)	13.375	1626424	16.766 ug/ml
14) T n-Tetracosane (C24)	14.471	1757532	18.059 ug/ml
15) T n-Hexacosane (C26)	15.487	1706945	17.430 ug/ml
16) T n-Octacosane (C28)	16.432	1759283	17.684 ug/ml
17) T n-Tricontane (C30)	17.315	1748896	18.096 ug/ml
18) T n-Dotriacontane (C32)	18.143	1740438	18.536 ug/ml
19) T n-Tetratriacontane (C34)	18.923	1634290	18.165 ug/mlm
20) T n-Hexatriacontane (C36)	19.659	1568680	18.370 ug/mlm
21) T n-Octatriacontane (C38)	20.355	1341874	16.197 ug/mlm
22) T n-Tetracontane (C40)	21.120	1202161	15.435 ug/mlm

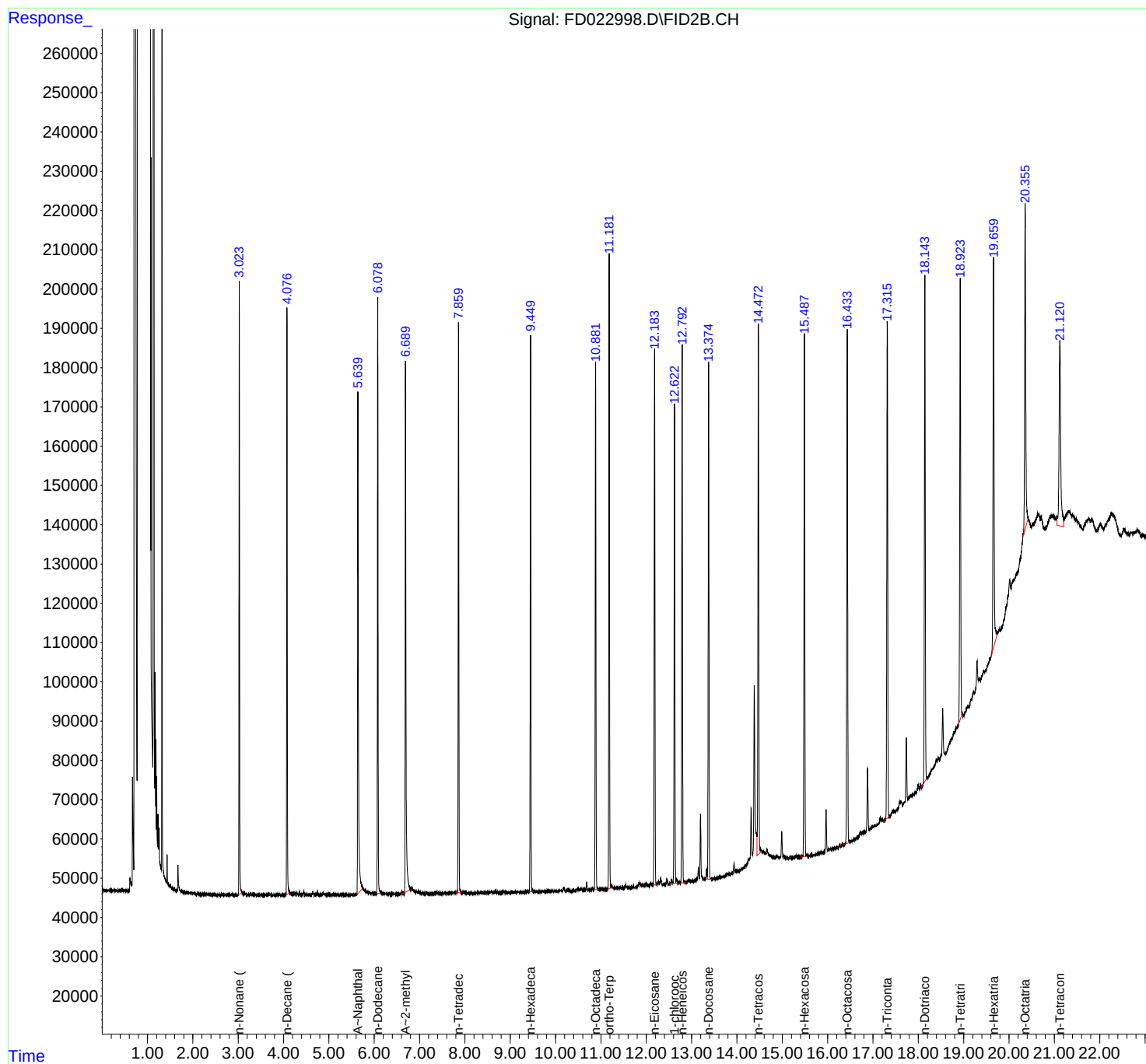
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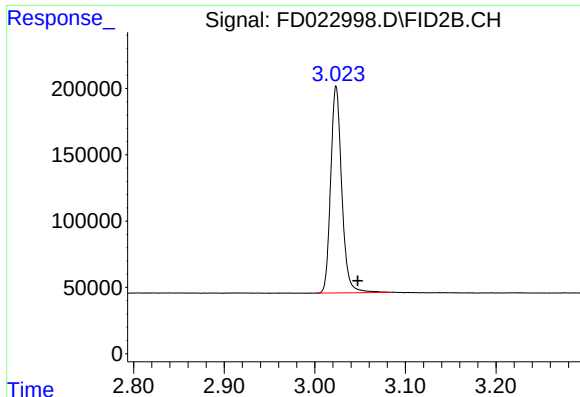
(m)=manual int.

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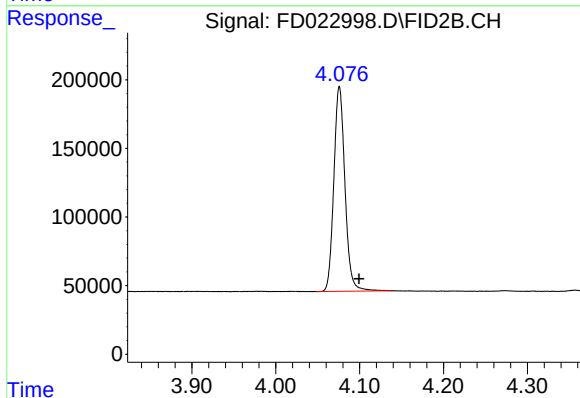
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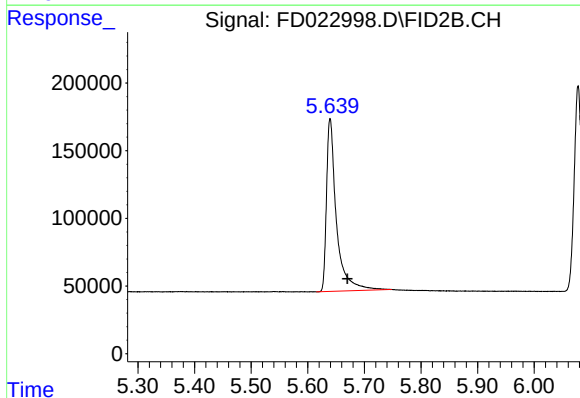
#1 n-Nonane (C9)

R.T.: 3.024 min
Delta R.T.: -0.024 min
Response: 1322651
Conc: 15.04 ug/ml



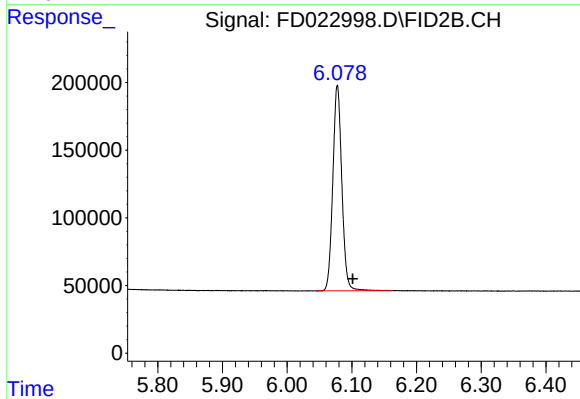
#2 n-Decane (C10)

R.T.: 4.076 min
Delta R.T.: -0.024 min
Response: 1376560
Conc: 15.52 ug/ml



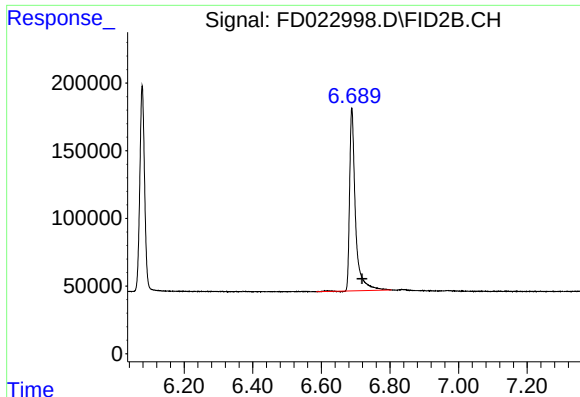
#3 A~Naphthalene (C11.7)

R.T.: 5.640 min
Delta R.T.: -0.030 min
Response: 1554222
Conc: 16.45 ug/ml



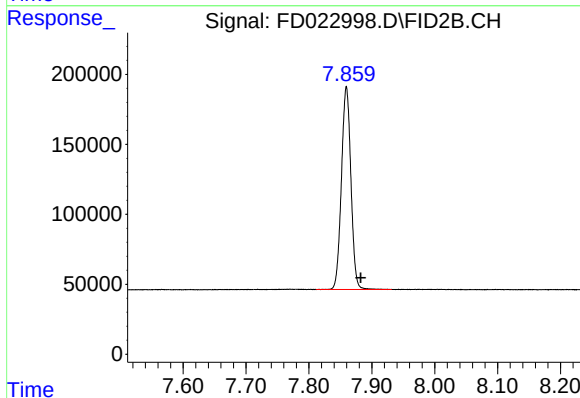
#4 n-Dodecane (C12)

R.T.: 6.078 min
Delta R.T.: -0.023 min
Response: 1473138
Conc: 16.01 ug/ml



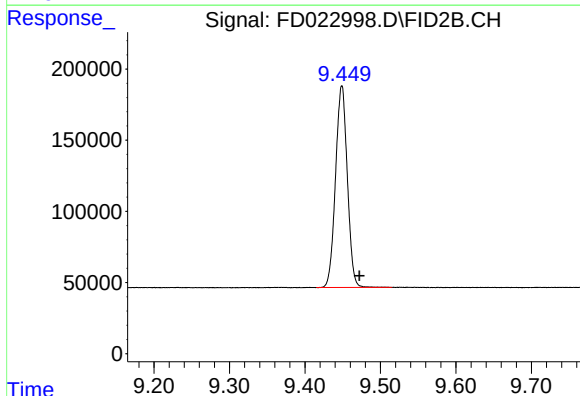
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.689 min
Delta R.T.: -0.030 min
Response: 1606651
Conc: 16.63 ug/ml



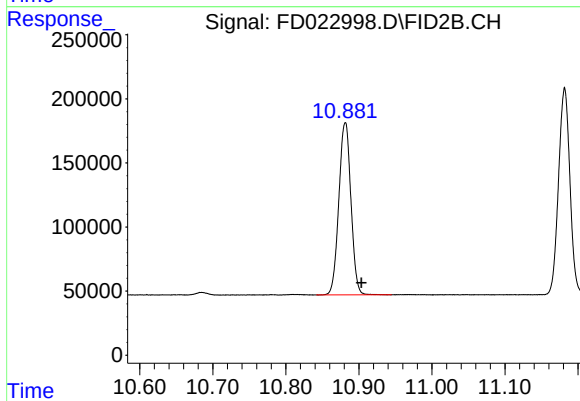
#6 n-Tetradecane (C14)

R.T.: 7.860 min
Delta R.T.: -0.023 min
Response: 1515384
Conc: 16.02 ug/ml



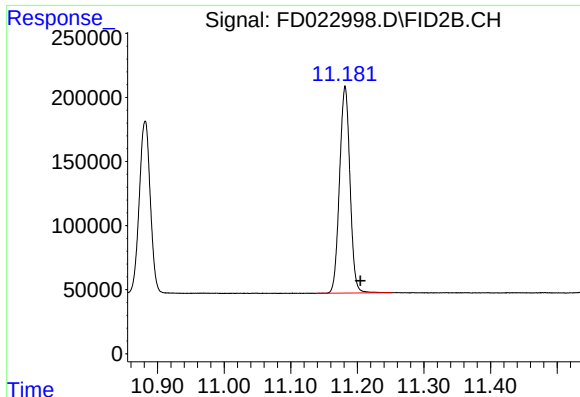
#7 n-Hexadecane (C16)

R.T.: 9.449 min
Delta R.T.: -0.024 min
Response: 1539773
Conc: 16.15 ug/ml



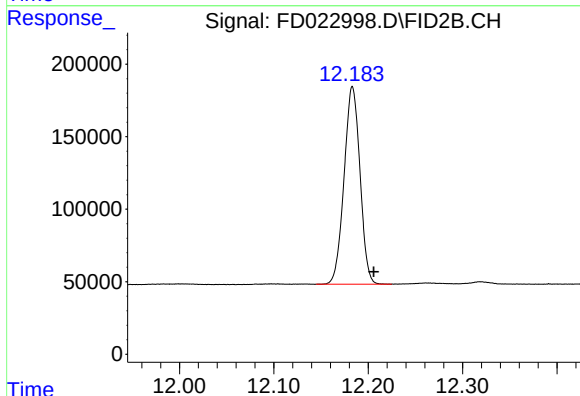
#8 n-Octadecane (C18)

R.T.: 10.881 min
Delta R.T.: -0.022 min
Response: 1544927
Conc: 16.39 ug/ml



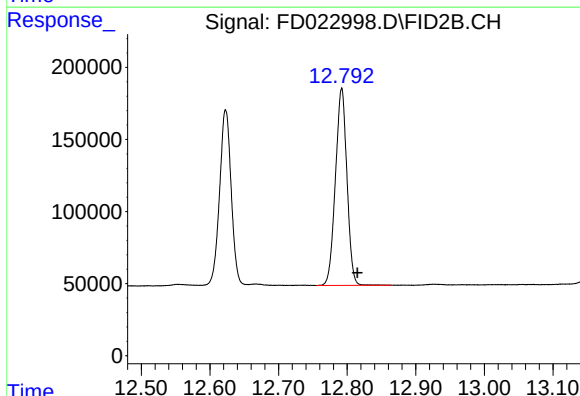
#9 ortho-Terphenyl (SURR)

R.T.: 11.182 min
Delta R.T.: -0.023 min
Response: 1754498
Conc: 17.09 ug/ml



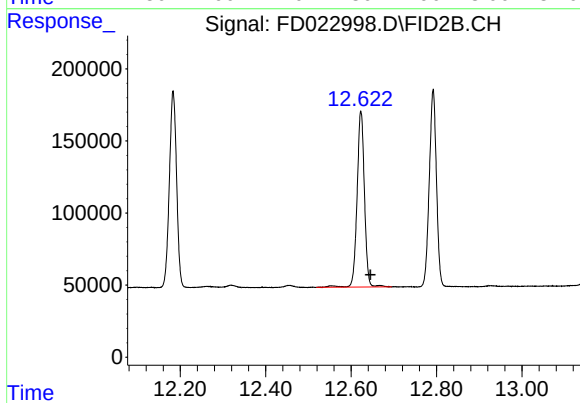
#10 n-Eicosane (C20)

R.T.: 12.183 min
Delta R.T.: -0.022 min
Response: 1597636
Conc: 16.61 ug/ml



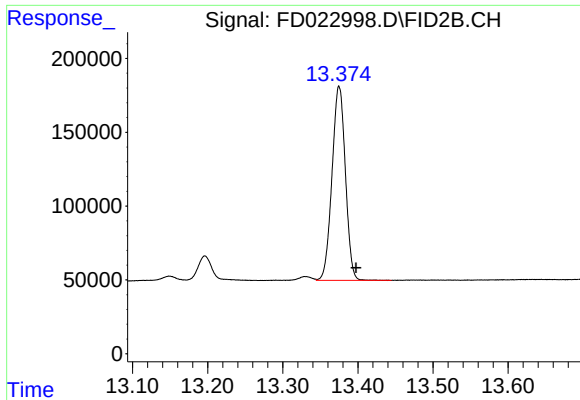
#11 n-Heneicosane (C21)

R.T.: 12.792 min
Delta R.T.: -0.023 min
Response: 1593772
Conc: 16.55 ug/ml



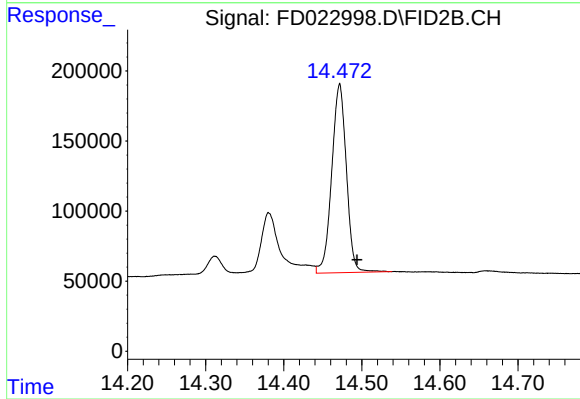
#12 1-chlorooctadecane (SURR)

R.T.: 12.623 min
Delta R.T.: -0.022 min
Response: 1465605
Conc: 18.54 ug/ml



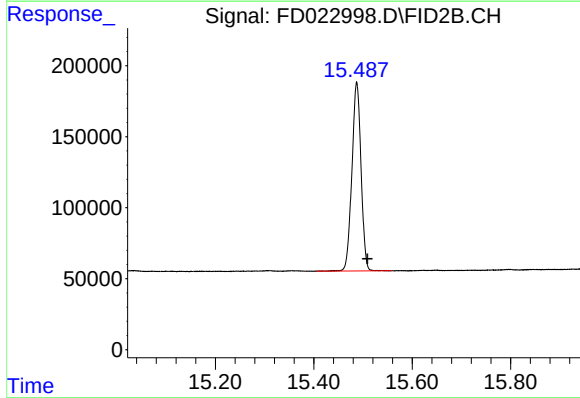
#13 n-Docosane (C22)

R.T.: 13.375 min
Delta R.T.: -0.022 min
Response: 1626424
Conc: 16.77 ug/ml



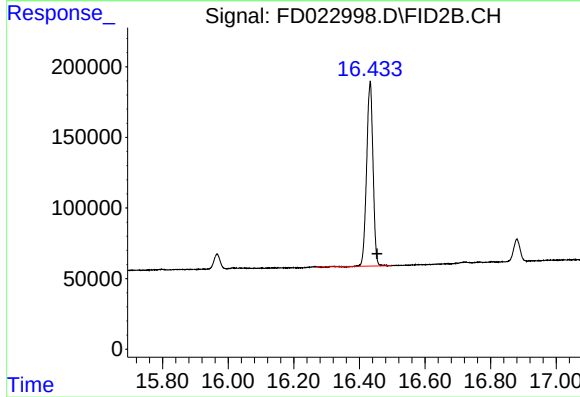
#14 n-Tetracosane (C24)

R.T.: 14.471 min
Delta R.T.: -0.022 min
Response: 1757532
Conc: 18.06 ug/ml



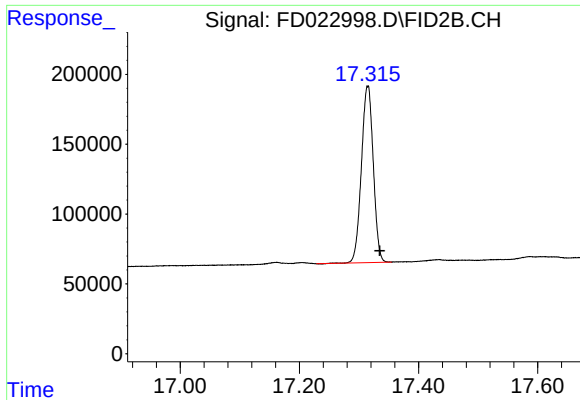
#15 n-Hexacosane (C26)

R.T.: 15.487 min
Delta R.T.: -0.022 min
Response: 1706945
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.432 min
Delta R.T.: -0.021 min
Response: 1759283
Conc: 17.68 ug/ml



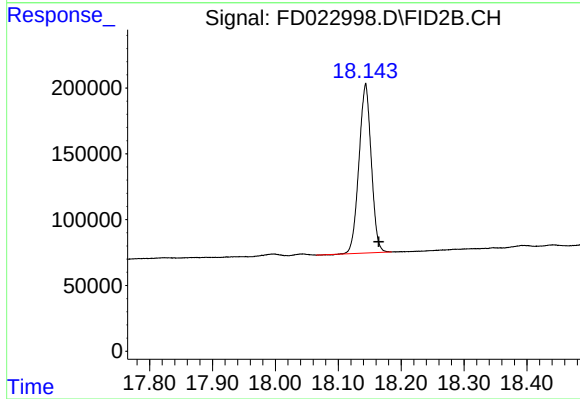
#17 n-Tricontane (C30)

R.T.: 17.315 min

Delta R.T.: -0.020 min

Response: 1748896

Conc: 18.10 ug/ml



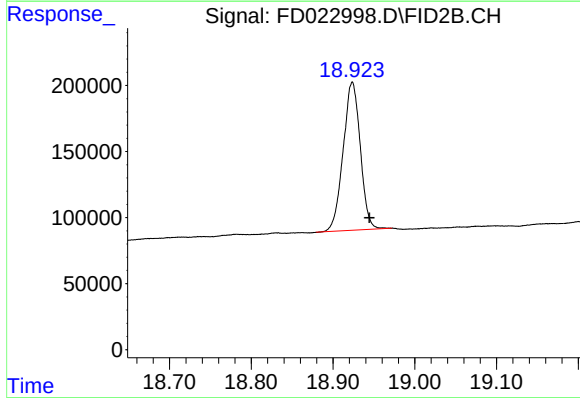
#18 n-Dotriacontane (C32)

R.T.: 18.143 min

Delta R.T.: -0.021 min

Response: 1740438

Conc: 18.54 ug/ml



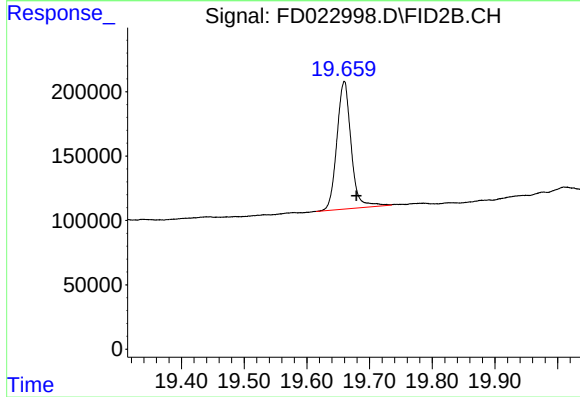
#19 n-Tetratriacontane (C34)

R.T.: 18.923 min

Delta R.T.: -0.021 min

Response: 1634290

Conc: 18.16 ug/ml m



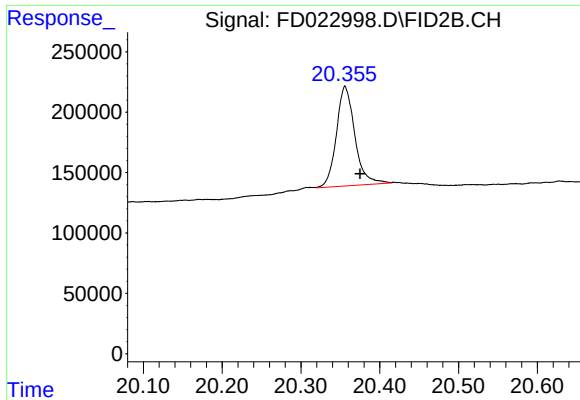
#20 n-Hexatriacontane (C36)

R.T.: 19.659 min

Delta R.T.: -0.020 min

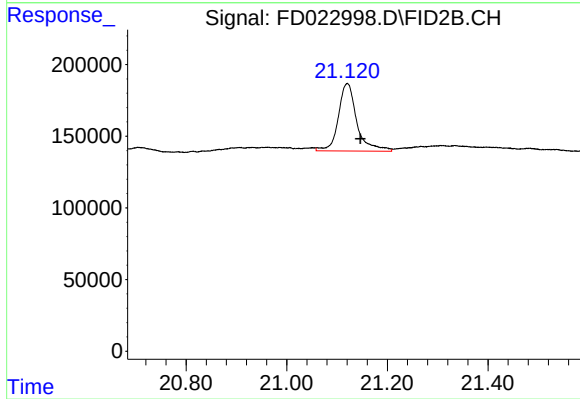
Response: 1568680

Conc: 18.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.355 min
Delta R.T.: -0.020 min
Response: 1341874
Conc: 16.20 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.120 min
Delta R.T.: -0.026 min
Response: 1202161
Conc: 15.44 ug/ml m