

Data Path : P:\HPCHEM1\FID_D\Data\FD041318AL\
 Data File : FD023001.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2018 19:09
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 14 00:11:09 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)	11.178	2171295	21.150 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	12.618	1841425	23.296 ug/ml
Spiked Amount 50.000		Recovery =	46.59%
Target Compounds			
1) T n-Nonane (C9)	3.028	1835087	20.866 ug/ml
2) T n-Decane (C10)	4.075	1871350	21.096 ug/ml
3) T A~Naphthalene (C11.7)	5.636	1950175	20.636 ug/ml
4) T n-Dodecane (C12)	6.073	1915276	20.815 ug/ml
5) T A~2-methylnaphthalene...	6.685	2012177	20.822 ug/mlm
6) T n-Tetradecane (C14)	7.855	1958734	20.705 ug/ml
7) T n-Hexadecane (C16)	9.444	2016062	21.142 ug/ml
8) T n-Octadecane (C18)	10.877	2042101	21.669 ug/ml
10) T n-Eicosane (C20)	12.180	2085410	21.679 ug/ml
11) T n-Heneicosane (C21)	12.787	2034724	21.123 ug/ml
13) T n-Docosane (C22)	13.370	2058454	21.220 ug/ml
14) T n-Tetracosane (C24)	14.467	2055001	21.115 ug/ml
15) T n-Hexacosane (C26)	15.483	2024274	20.671 ug/ml
16) T n-Octacosane (C28)	16.427	2056031	20.667 ug/ml
17) T n-Tricontane (C30)	17.310	2048608	21.197 ug/ml
18) T n-Dotriacontane (C32)	18.138	2068282	22.027 ug/ml
19) T n-Tetratriacontane (C34)	18.916	1967505	21.869 ug/mlm
20) T n-Hexatriacontane (C36)	19.651	1938007	22.696 ug/mlm
21) T n-Octatriacontane (C38)	20.348	1932312	23.323 ug/mlm
22) T n-Tetracontane (C40)	21.110	1919799	24.650 ug/mlm

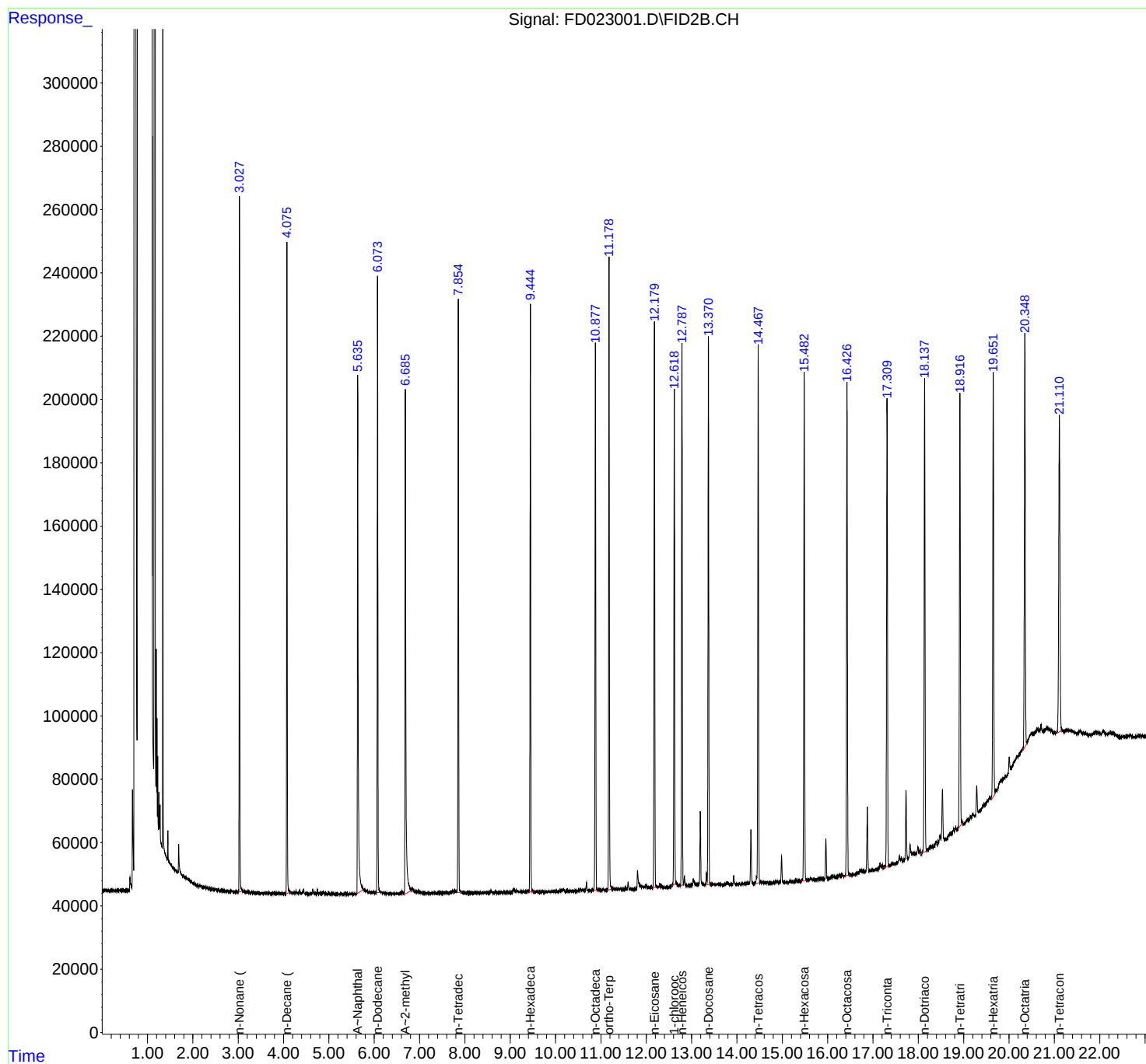
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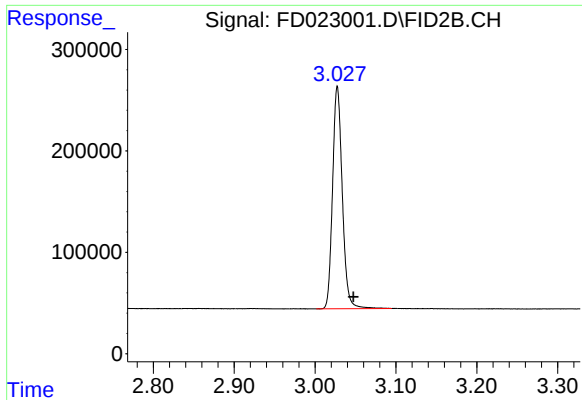
(m)=manual int.

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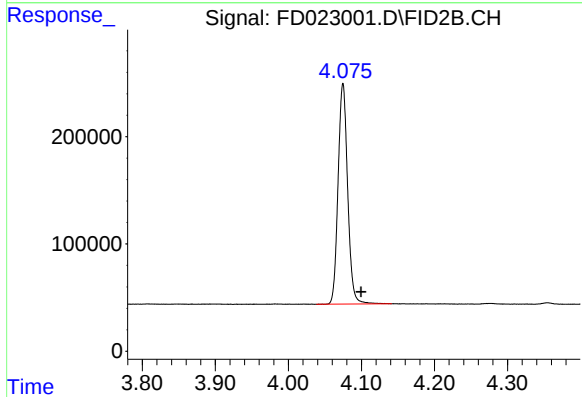
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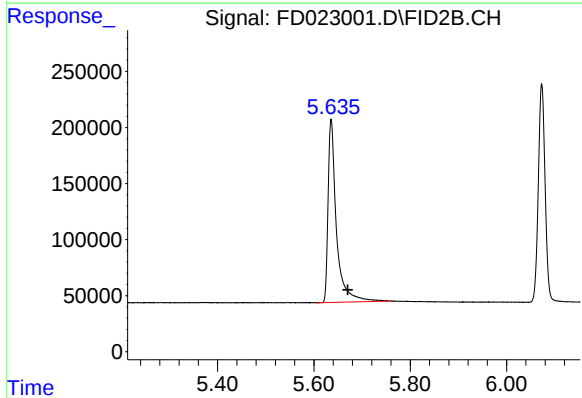
#1 n-Nonane (C9)

R.T.: 3.028 min
Delta R.T.: -0.020 min
Response: 1835087
Conc: 20.87 ug/ml



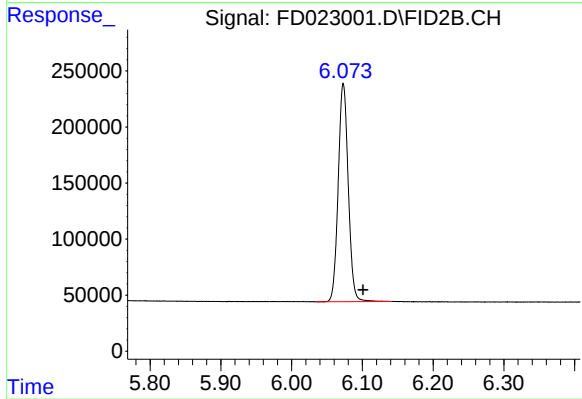
#2 n-Decane (C10)

R.T.: 4.075 min
Delta R.T.: -0.025 min
Response: 1871350
Conc: 21.10 ug/ml



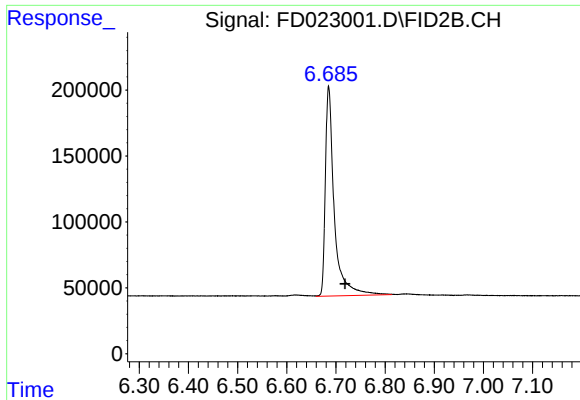
#3 A~Naphthalene (C11.7)

R.T.: 5.636 min
Delta R.T.: -0.034 min
Response: 1950175
Conc: 20.64 ug/ml



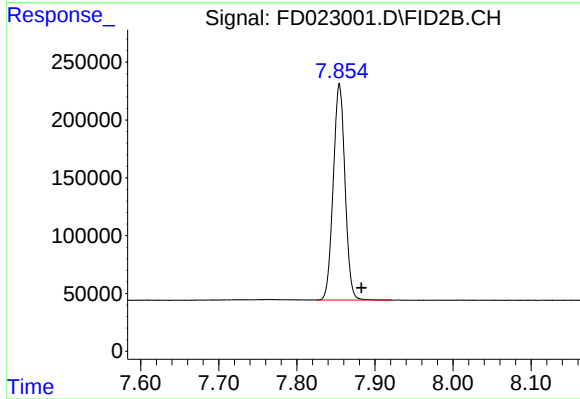
#4 n-Dodecane (C12)

R.T.: 6.073 min
Delta R.T.: -0.028 min
Response: 1915276
Conc: 20.81 ug/ml



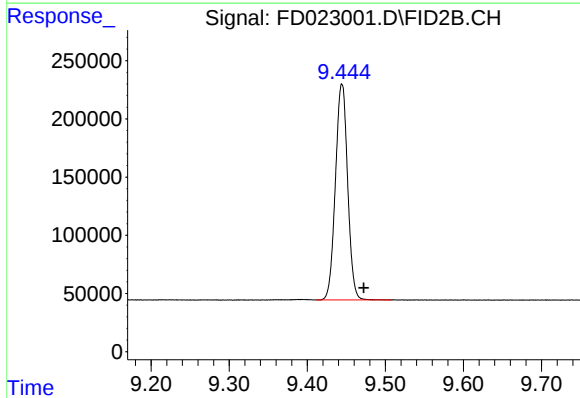
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.685 min
Delta R.T.: -0.034 min
Response: 2012177
Conc: 20.82 ug/ml m



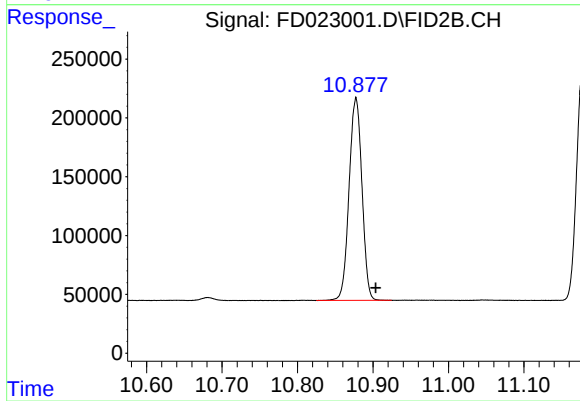
#6 n-Tetradecane (C14)

R.T.: 7.855 min
Delta R.T.: -0.028 min
Response: 1958734
Conc: 20.70 ug/ml



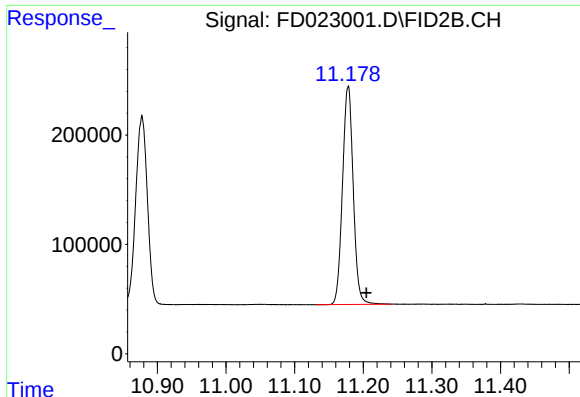
#7 n-Hexadecane (C16)

R.T.: 9.444 min
Delta R.T.: -0.028 min
Response: 2016062
Conc: 21.14 ug/ml



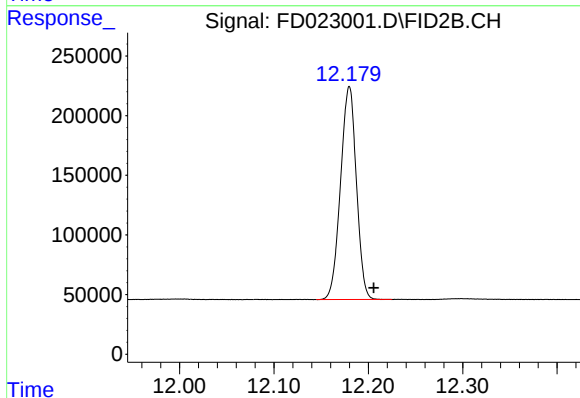
#8 n-Octadecane (C18)

R.T.: 10.877 min
Delta R.T.: -0.026 min
Response: 2042101
Conc: 21.67 ug/ml



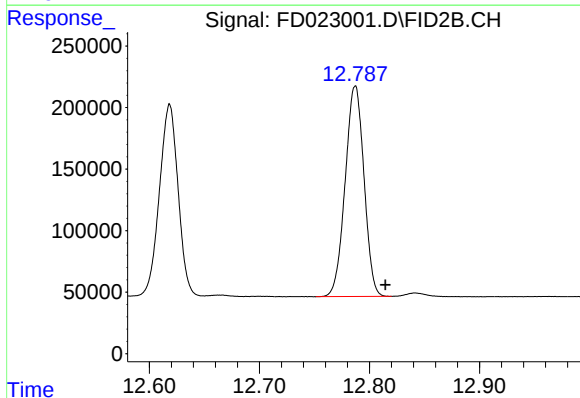
#9 ortho-Terphenyl (SURR)

R.T.: 11.178 min
Delta R.T.: -0.027 min
Response: 2171295
Conc: 21.15 ug/ml



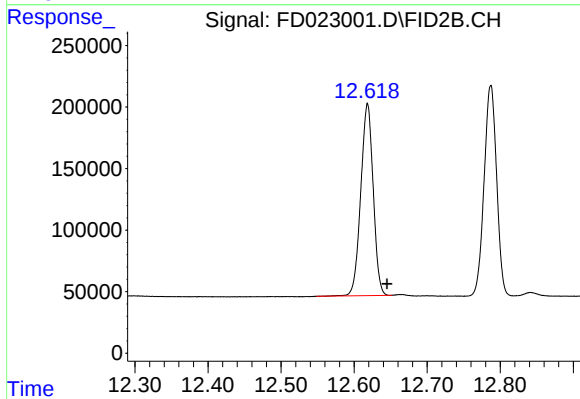
#10 n-Eicosane (C20)

R.T.: 12.180 min
Delta R.T.: -0.026 min
Response: 2085410
Conc: 21.68 ug/ml



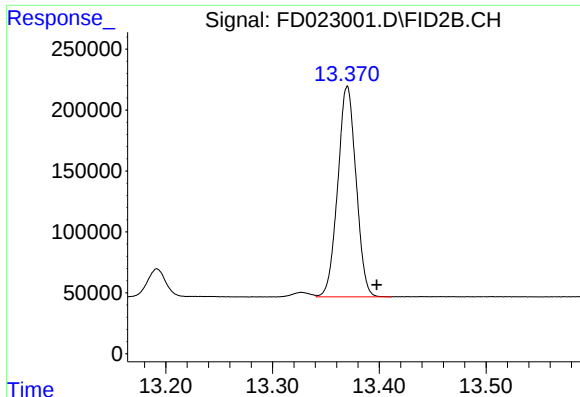
#11 n-Heneicosane (C21)

R.T.: 12.787 min
Delta R.T.: -0.028 min
Response: 2034724
Conc: 21.12 ug/ml



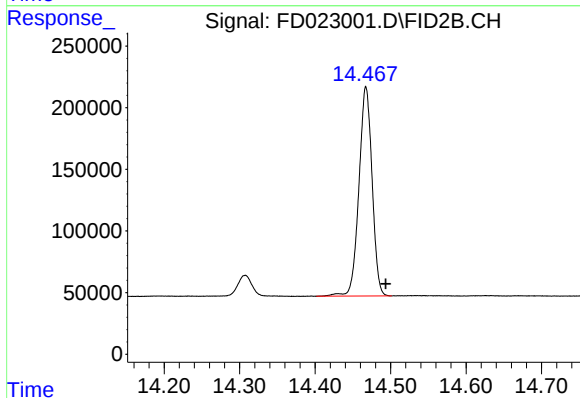
#12 1-chlorooctadecane (SURR)

R.T.: 12.618 min
Delta R.T.: -0.027 min
Response: 1841425
Conc: 23.30 ug/ml



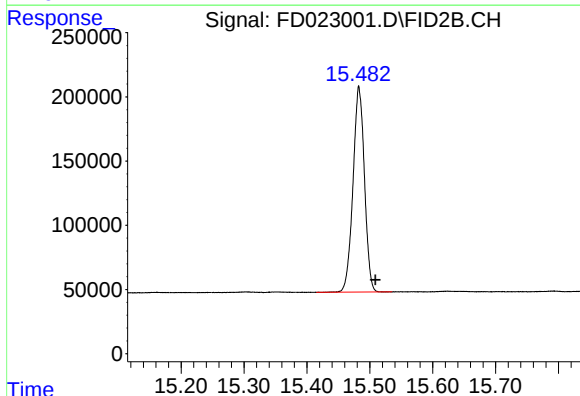
#13 n-Docosane (C22)

R.T.: 13.370 min
Delta R.T.: -0.027 min
Response: 2058454
Conc: 21.22 ug/ml



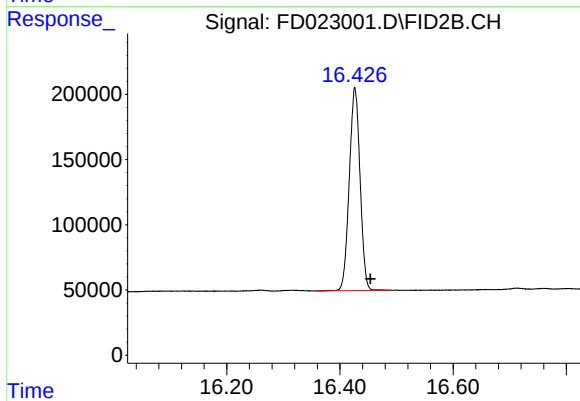
#14 n-Tetracosane (C24)

R.T.: 14.467 min
Delta R.T.: -0.026 min
Response: 2055001
Conc: 21.12 ug/ml



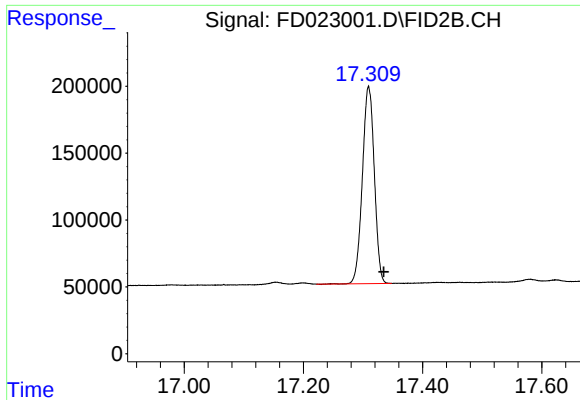
#15 n-Hexacosane (C26)

R.T.: 15.483 min
Delta R.T.: -0.026 min
Response: 2024274
Conc: 20.67 ug/ml



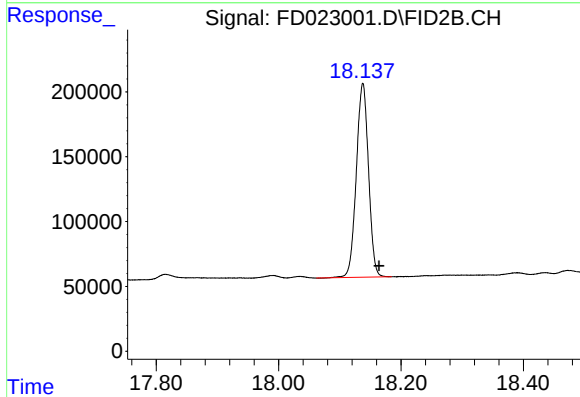
#16 n-Octacosane (C28)

R.T.: 16.427 min
Delta R.T.: -0.027 min
Response: 2056031
Conc: 20.67 ug/ml



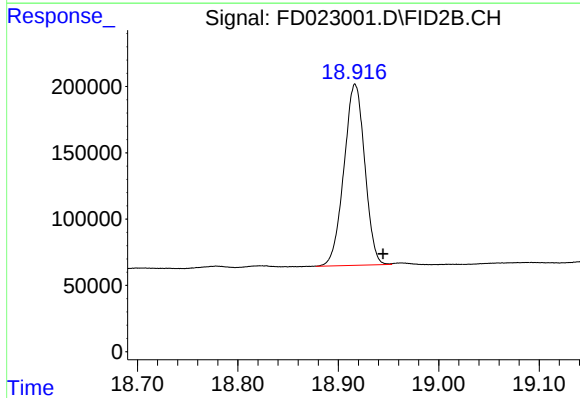
#17 n-Tricontane (C30)

R.T.: 17.310 min
Delta R.T.: -0.025 min
Response: 2048608
Conc: 21.20 ug/ml



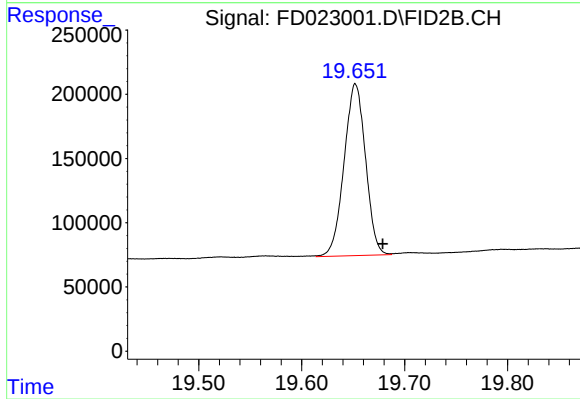
#18 n-Dotriacontane (C32)

R.T.: 18.138 min
Delta R.T.: -0.027 min
Response: 2068282
Conc: 22.03 ug/ml



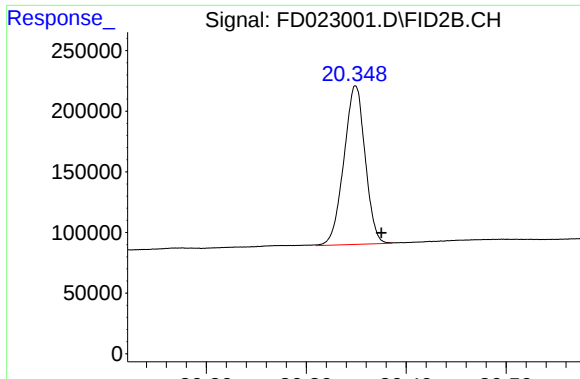
#19 n-Tetratriacontane (C34)

R.T.: 18.916 min
Delta R.T.: -0.028 min
Response: 1967505
Conc: 21.87 ug/ml m



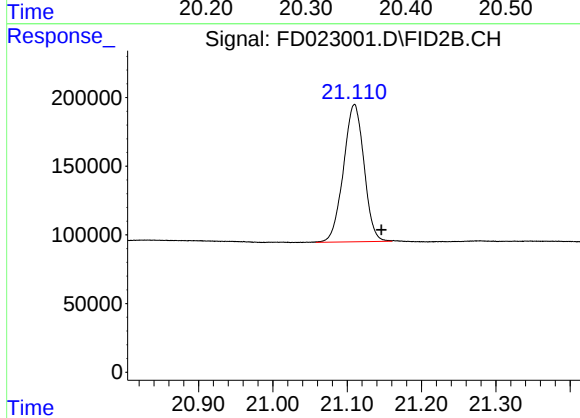
#20 n-Hexatriacontane (C36)

R.T.: 19.651 min
Delta R.T.: -0.027 min
Response: 1938007
Conc: 22.70 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.348 min
Delta R.T.: -0.027 min
Response: 1932312
Conc: 23.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.110 min
Delta R.T.: -0.036 min
Response: 1919799
Conc: 24.65 ug/ml m