

Data Path : P:\HPCHEM1\FID E\Data\FE030918AL\
 Data File : FE026431.D
 Signal(s) : FID1B.CH
 Acq On : 09 Mar 2018 22:20
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 10 00:29:55 2018
 Quant Method : P:\HPCHEM1\FID_E\methods\Alaphatic EPH 022718.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 28 13:48:17 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)	11.639	4095054	21.745 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
12) S 1-chlorooctadecane (S...	13.070	3162964	20.368 ug/mlm
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.425	3293378	23.458 ug/ml
2) T n-Decane (C10)	4.472	3491034	24.130 ug/ml
3) T A-Naphthalene (C11.7)	6.059	4100968	25.364 ug/ml
4) T n-Dodecane (C12)	6.477	3748014	24.142 ug/ml
5) T A-2-methylnaphthalene...	7.115	4054676	24.644 ug/mlm
6) T n-Tetradecane (C14)	8.272	3908170	23.553 ug/ml
7) T n-Hexadecane (C16)	9.872	4008885	22.408 ug/ml
8) T n-Octadecane (C18)	11.313	3917090	21.103 ug/ml
10) T n-Eicosane (C20)	12.621	3911960	20.523 ug/ml
11) T n-Heneicosane (C21)	13.234	3855936	20.134 ug/ml
13) T n-Docosane (C22)	13.820	3852530	20.007 ug/ml
14) T n-Tetracosane (C24)	14.924	3752028	19.898 ug/mlm
15) T n-Hexacosane (C26)	15.944	3703048	20.366 ug/mlm
16) T n-Octacosane (C28)	16.895	3744249	21.068 ug/mlm
17) T n-Tricontane (C30)	17.782	3668197	21.609 ug/mlm
18) T n-Dotriacontane (C32)	18.616	3579885	21.875 ug/mlm
19) T n-Tetratriacontane (C34)	19.399	3486381	22.320 ug/mlm
20) T n-Hexatriacontane (C36)	20.139	3327570	21.838 ug/mlm
21) T n-Octatriacontane (C38)	20.880	3146534	20.412 ug/mlm
22) T n-Tetracontane (C40)	21.792	2836282	18.733 ug/mlm

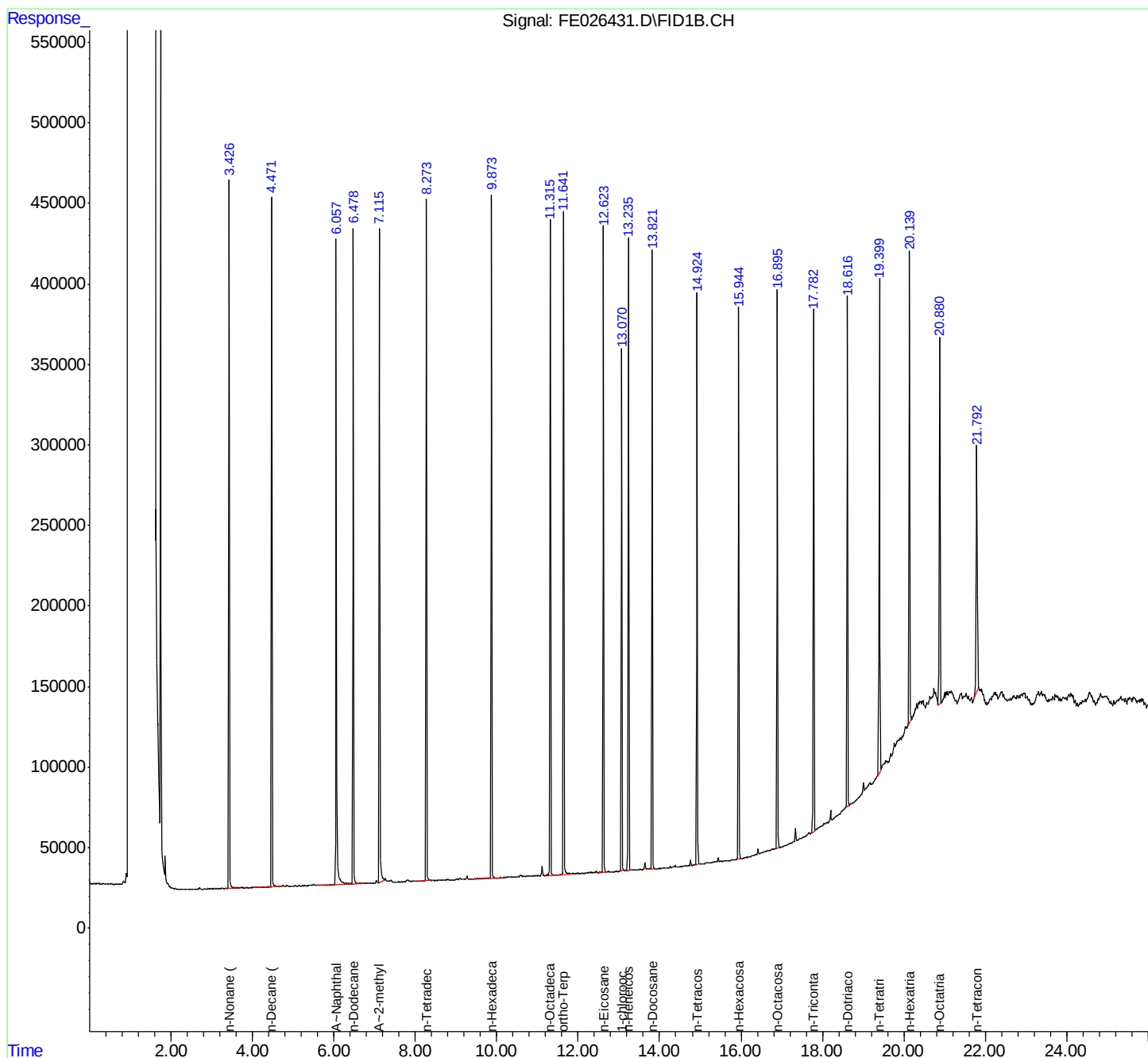
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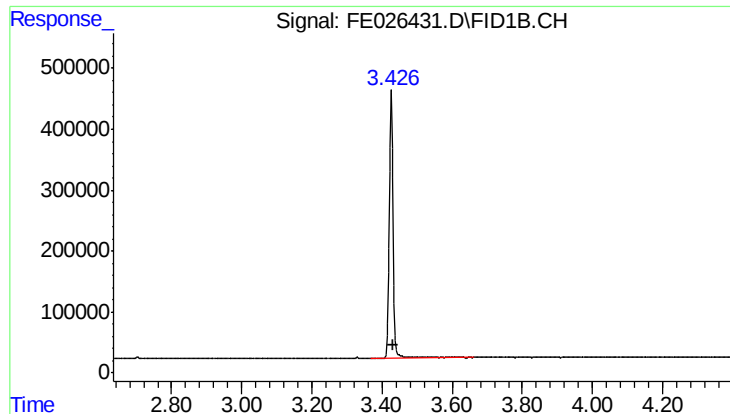
(m)=manual int.

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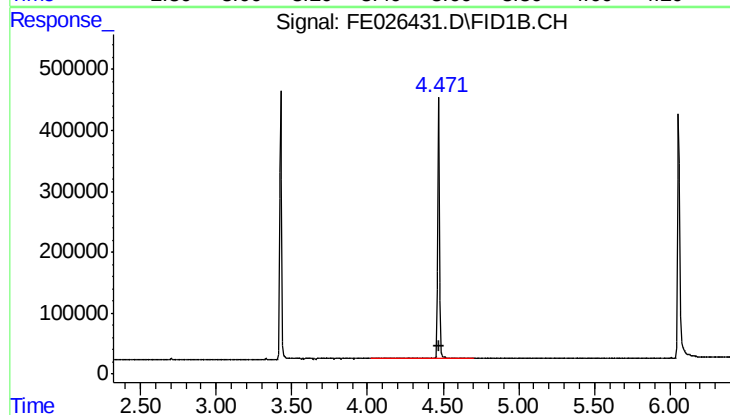
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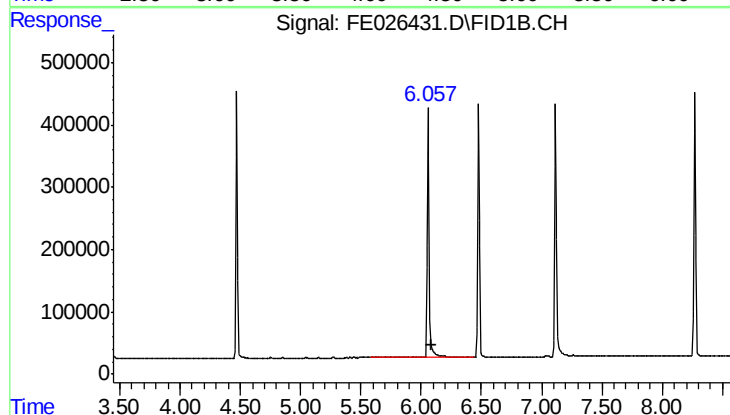
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: -0.007 min
Response: 3293378
Conc: 23.46 ug/ml



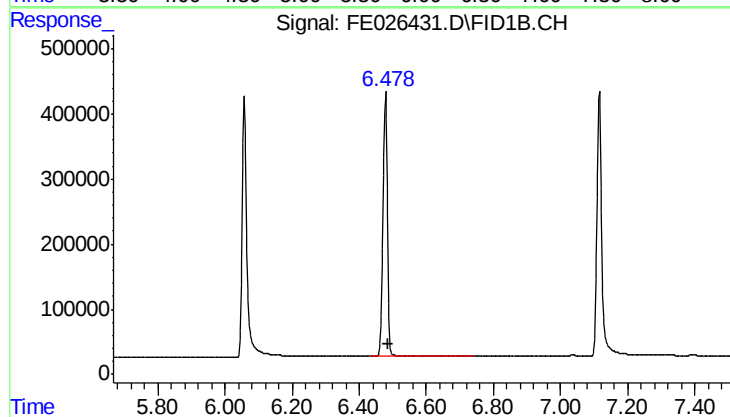
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.005 min
Response: 3491034
Conc: 24.13 ug/ml



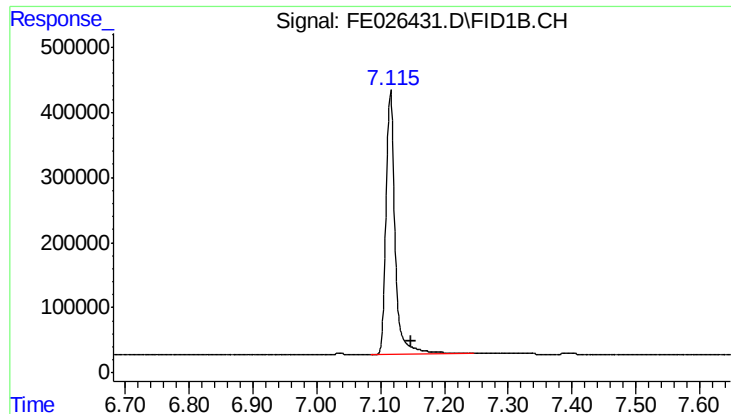
#3 A-Naphthalene (C11.7)

R.T.: 6.059 min
Delta R.T.: -0.030 min
Response: 4100968
Conc: 25.36 ug/ml



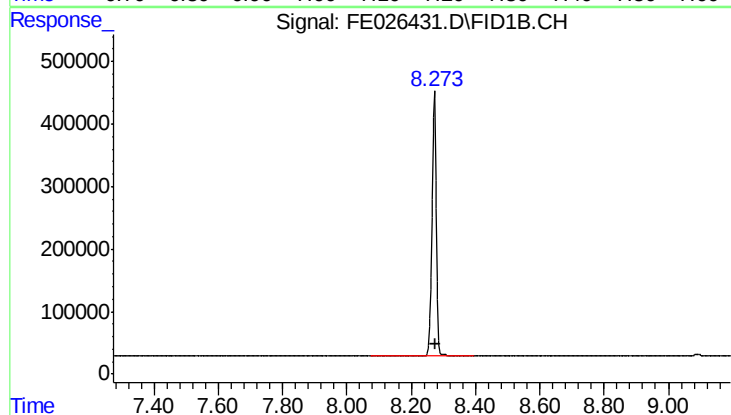
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 3748014
Conc: 24.14 ug/ml



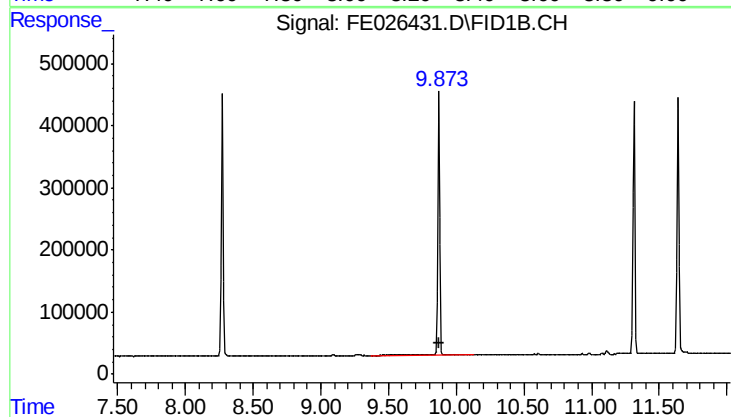
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.033 min
Response: 4054676
Conc: 24.64 ug/ml m



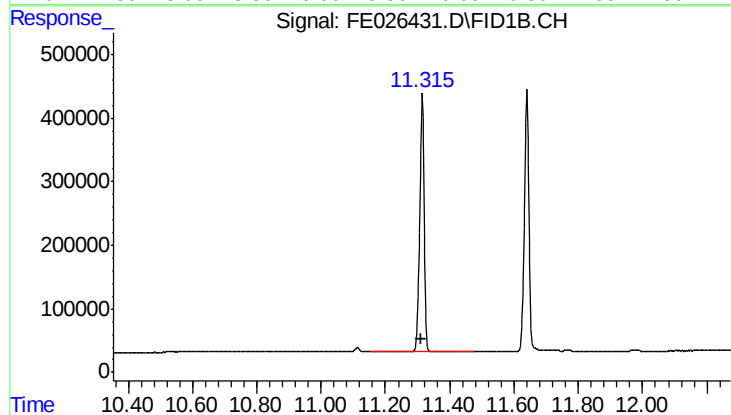
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 3908170
Conc: 23.55 ug/ml



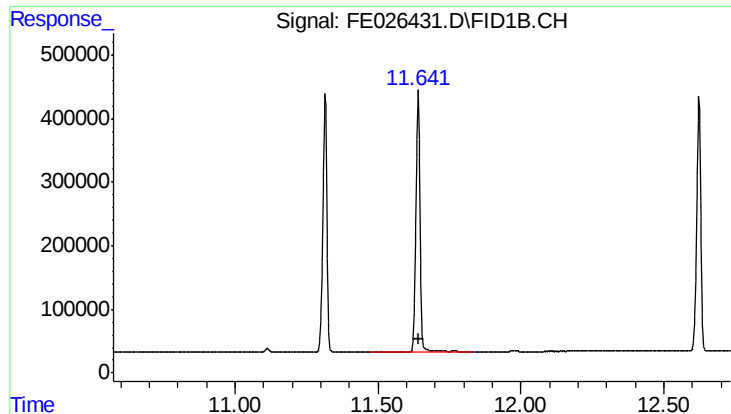
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: 0.000 min
Response: 4008885
Conc: 22.41 ug/ml



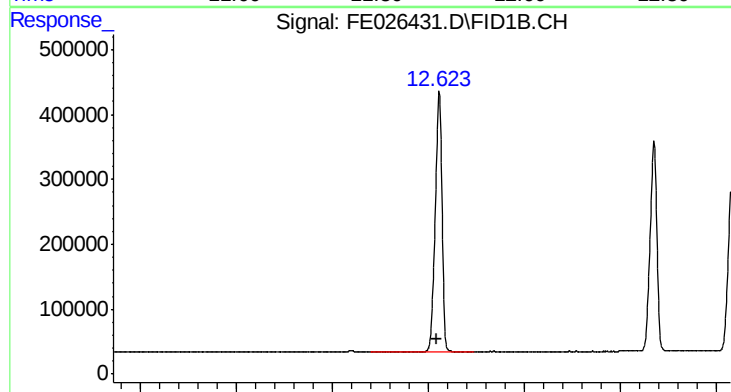
#8 n-Octadecane (C18)

R.T.: 11.313 min
Delta R.T.: 0.003 min
Response: 3917090
Conc: 21.10 ug/ml



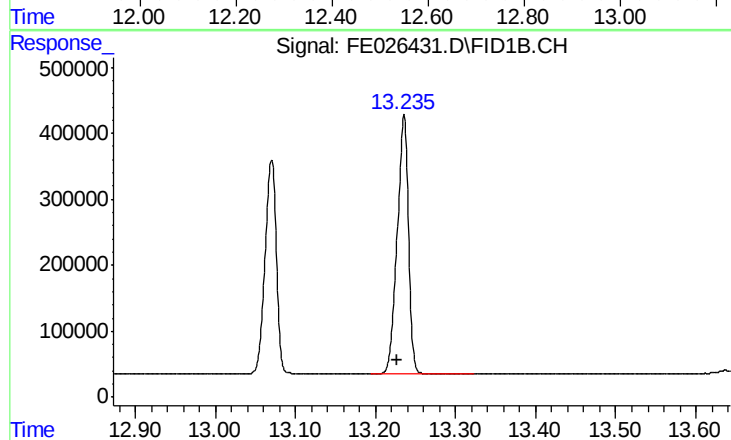
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 4095054
Conc: 21.75 ug/ml



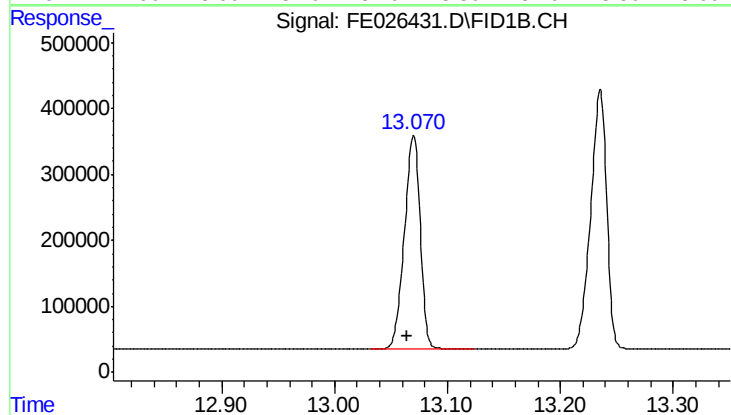
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: 0.004 min
Response: 3911960
Conc: 20.52 ug/ml



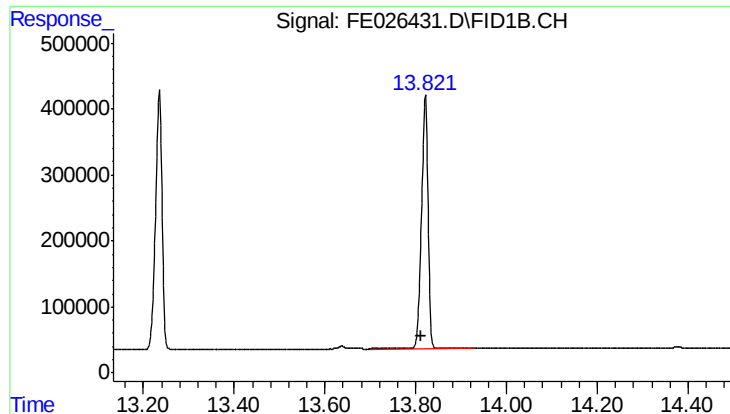
#11 n-Heneicosane (C21)

R.T.: 13.234 min
Delta R.T.: 0.006 min
Response: 3855936
Conc: 20.13 ug/ml



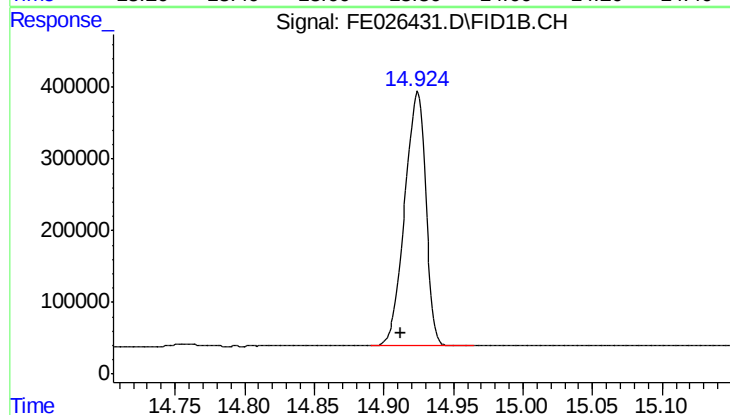
#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: 0.006 min
Response: 3162964
Conc: 20.37 ug/ml m



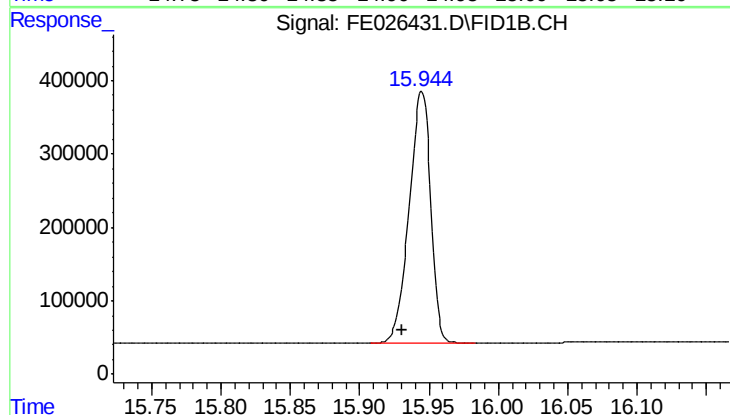
#13 n-Docosane (C22)

R.T.: 13.820 min
Delta R.T.: 0.009 min
Response: 3852530
Conc: 20.01 ug/ml



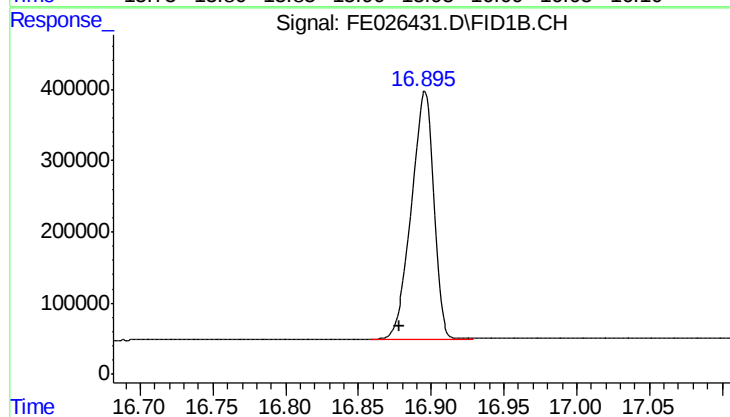
#14 n-Tetracosane (C24)

R.T.: 14.924 min
Delta R.T.: 0.011 min
Response: 3752028
Conc: 19.90 ug/ml m



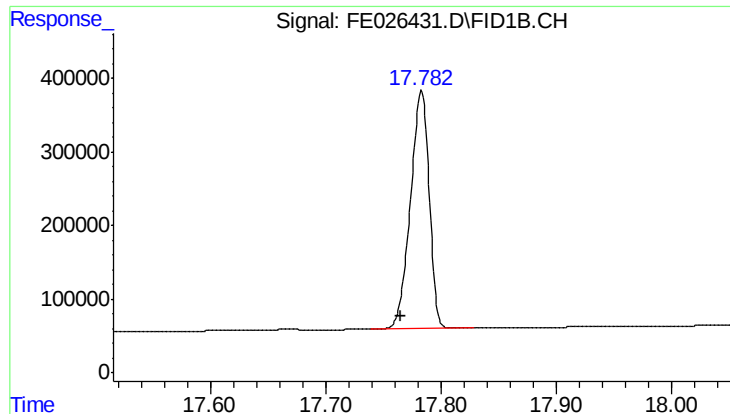
#15 n-Hexacosane (C26)

R.T.: 15.944 min
Delta R.T.: 0.014 min
Response: 3703048
Conc: 20.37 ug/ml m



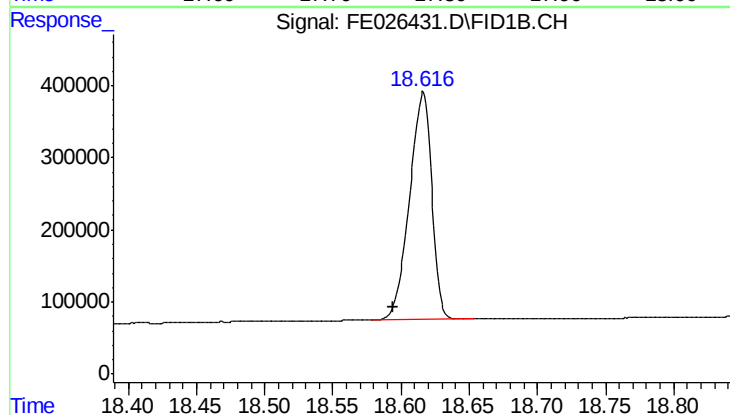
#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: 0.017 min
Response: 3744249
Conc: 21.07 ug/ml m



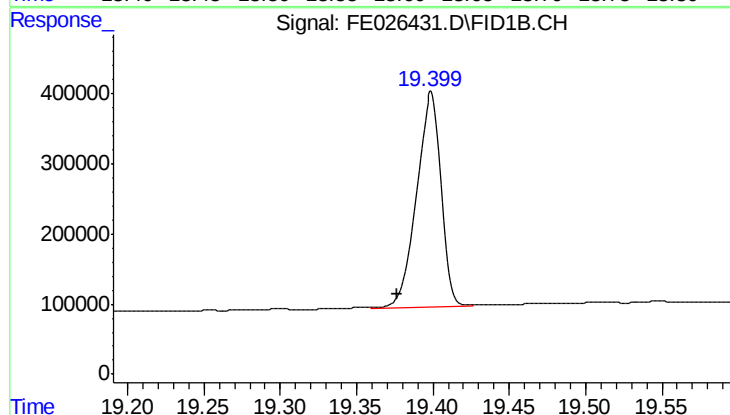
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: 0.017 min
Response: 3668197
Conc: 21.61 ug/ml m



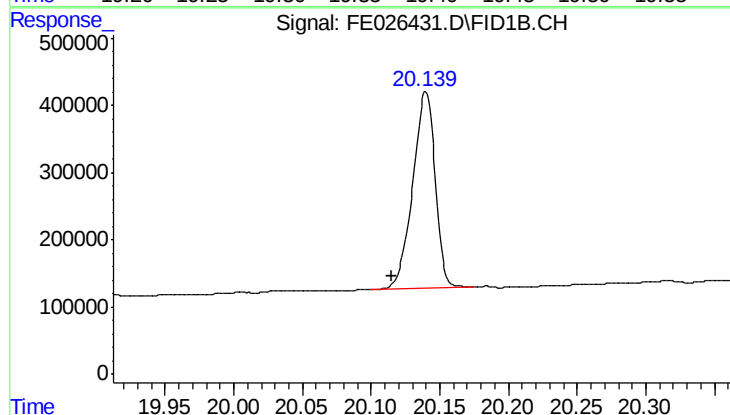
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: 0.021 min
Response: 3579885
Conc: 21.87 ug/ml m



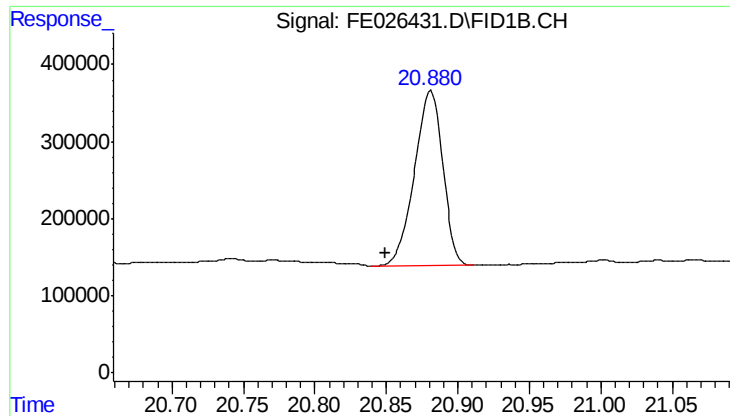
#19 n-Tetratriacontane (C34)

R.T.: 19.399 min
Delta R.T.: 0.022 min
Response: 3486381
Conc: 22.32 ug/ml m



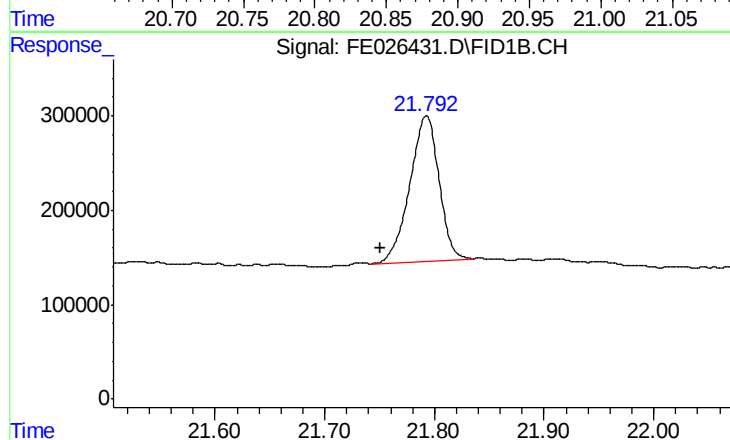
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: 0.024 min
Response: 3327570
Conc: 21.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.880 min
Delta R.T.: 0.031 min
Response: 3146534
Conc: 20.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.792 min
Delta R.T.: 0.042 min
Response: 2836282
Conc: 18.73 ug/ml m