

Data Path : P:\HPCHEM1\FID_E\Data\FE052118AL\
 Data File : FE027454.D
 Signal(s) : FID1B.CH
 Acq On : 21 May 2018 12:54
 Operator : UA/AJ
 Sample : 100 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 21 16:42:29 2018
 Quant Method : P:\HPCHEM1\FID_E\methods\Alaphatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Mon May 21 16:37:34 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)	12.216	18982326	98.294 ug/mlm
Spiked Amount 50.000		Recovery =	196.59%
12) S 1-chlorooctadecane (S...	13.630	15457388	97.203 ug/mlm
Spiked Amount 50.000		Recovery =	194.41%
Target Compounds			
1) T n-Nonane (C9)	3.854	15109725	98.307 ug/ml
2) T n-Decane (C10)	4.935	15353499	98.249 ug/mlm
3) T A-Naphthalene (C11.7)	6.569	17229550	98.283 ug/mlm
4) T n-Dodecane (C12)	6.967	16048188	98.988 ug/ml
5) T A-2-methylnaphthalene...	7.638	17661435	99.128 ug/mlm
6) T n-Tetradecane (C14)	8.785	16990586	99.179 ug/mlm
7) T n-Hexadecane (C16)	10.402	17655792	99.144 ug/mlm
8) T n-Octadecane (C18)	11.859	17818992	98.106 ug/mlm
10) T n-Eicosane (C20)	13.171	18375483	96.904 ug/ml
11) T n-Heneicosane (C21)	13.793	18245636	96.819 ug/mlm
13) T n-Docosane (C22)	14.377	18343111	96.901 ug/ml
14) T n-Tetracosane (C24)	15.486	18016476	96.699 ug/ml
15) T n-Hexacosane (C26)	16.520	17521644	97.457 ug/mlm
16) T n-Octacosane (C28)	17.475	17221605	97.503 ug/mlm
17) T n-Tricontane (C30)	18.365	16325144	97.414 ug/mlm
18) T n-Dotriacontane (C32)	19.193	15428426	97.339 ug/ml
19) T n-Tetratriacontane (C34)	19.988	14858253	97.216 ug/mlm
20) T n-Hexatriacontane (C36)	20.750	14438859	96.510 ug/mlm
21) T n-Octatriacontane (C38)	21.653	14364802	96.971 ug/mlm
22) T n-Tetracontane (C40)	22.815	14393125	96.743 ug/mlm

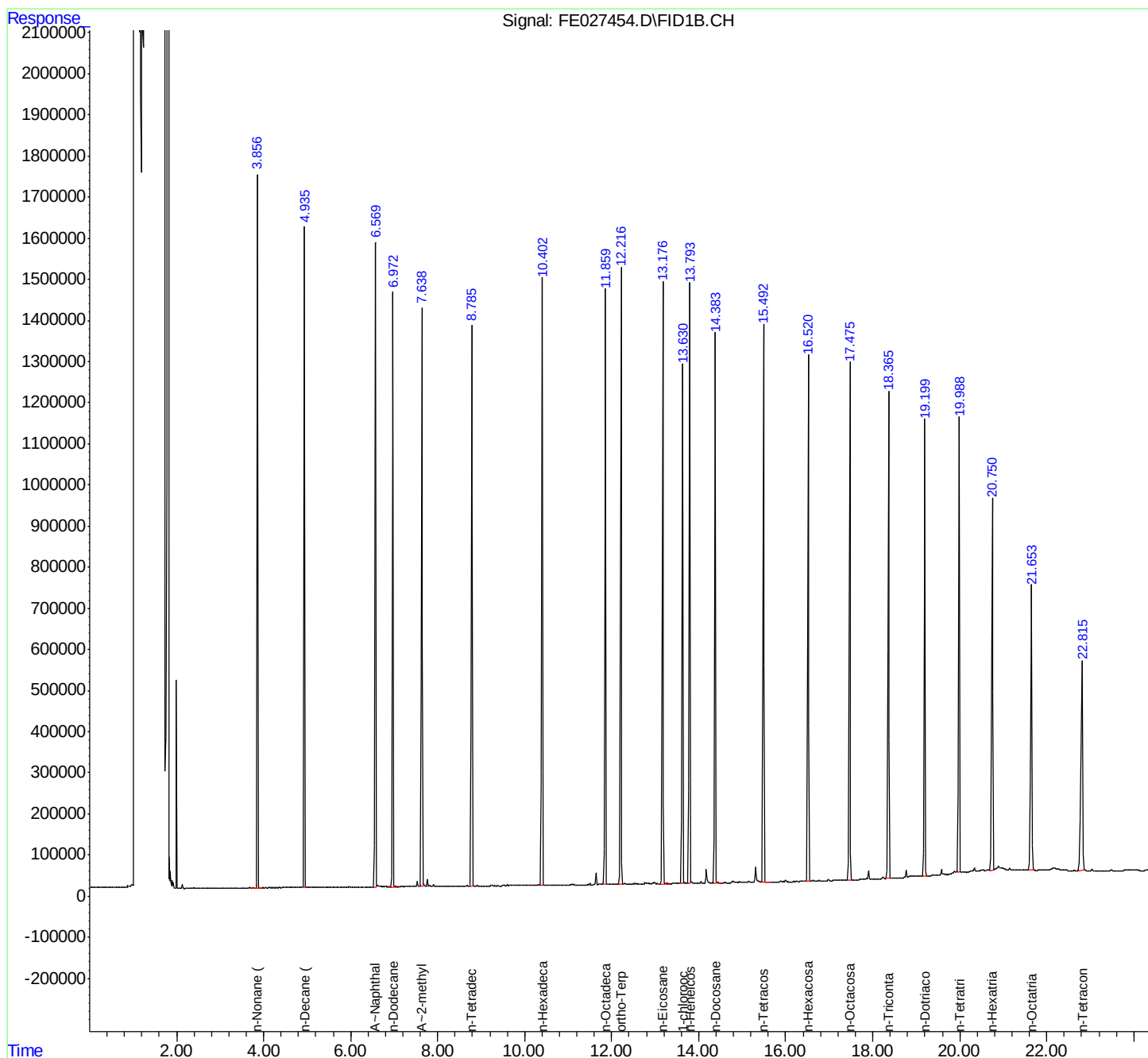
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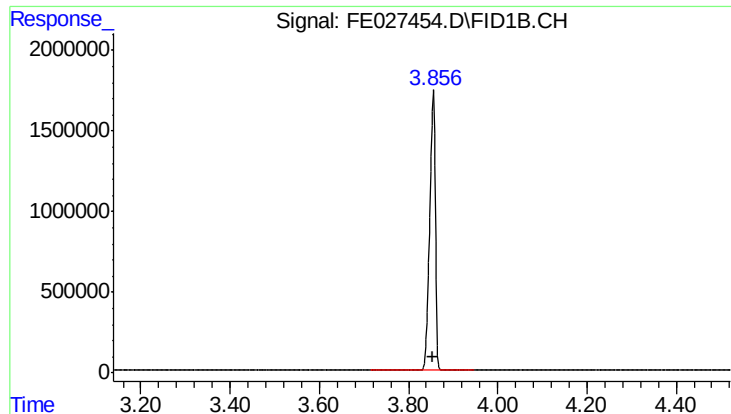
(m)=manual int.

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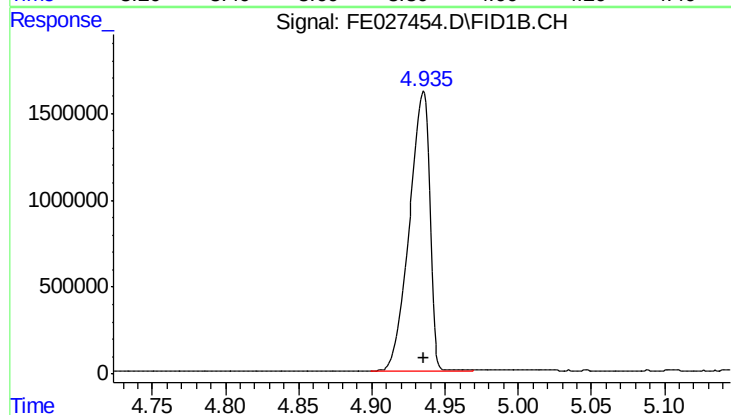
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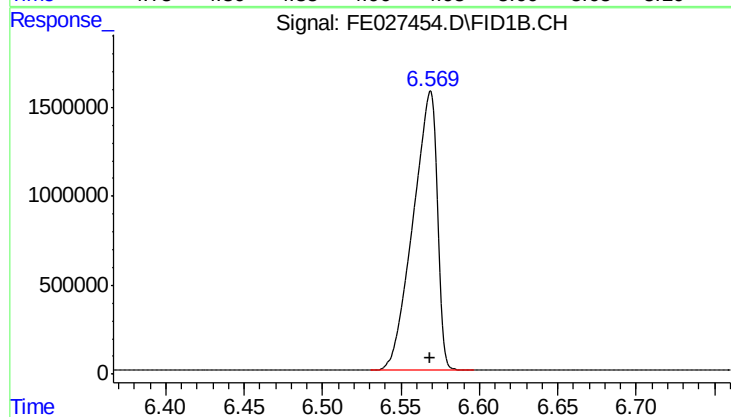
#1 n-Nonane (C9)

R.T.: 3.854 min
Delta R.T.: -0.001 min
Response: 15109725
Conc: 98.31 ug/ml



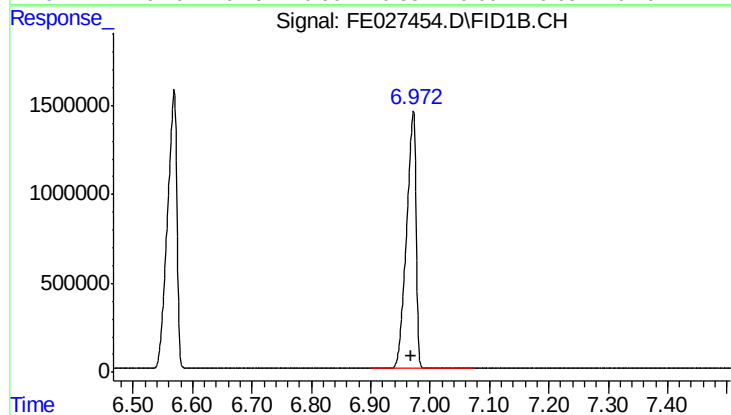
#2 n-Decane (C10)

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 15353499
Conc: 98.25 ug/ml m



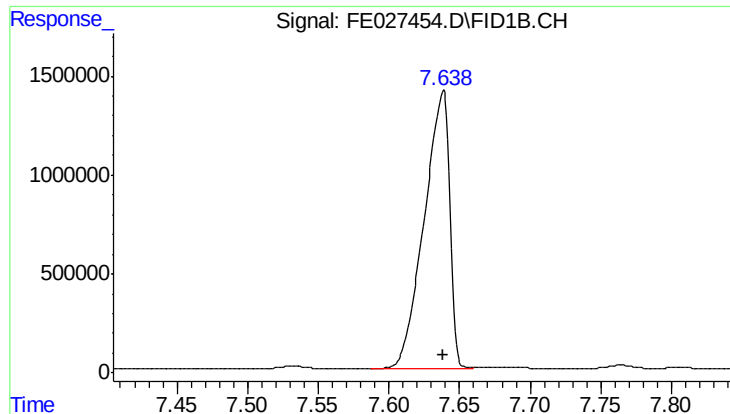
#3 A~Naphthalene (C11.7)

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 17229550
Conc: 98.28 ug/ml m



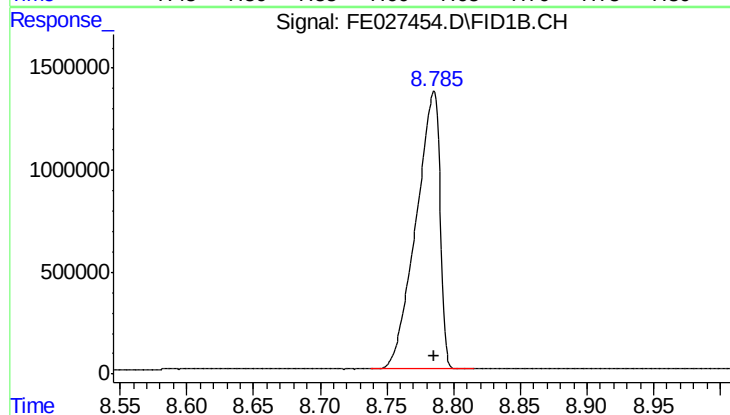
#4 n-Dodecane (C12)

R.T.: 6.967 min
Delta R.T.: 0.000 min
Response: 16048188
Conc: 98.99 ug/ml



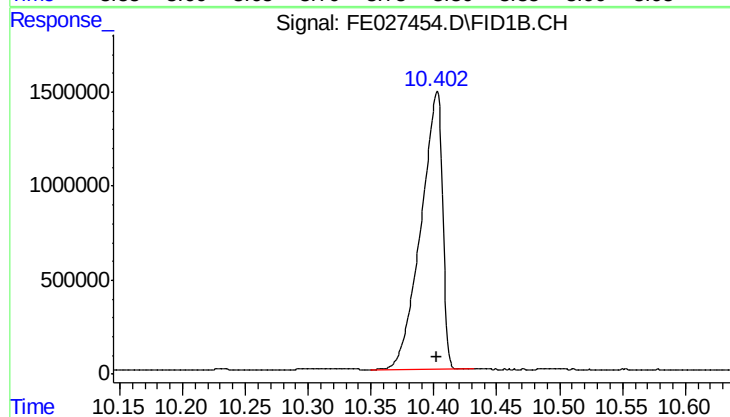
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 17661435
Conc: 99.13 ug/ml m



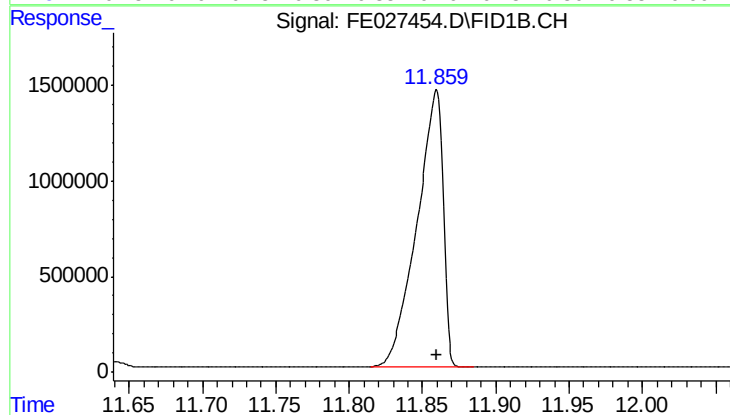
#6 n-Tetradecane (C14)

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 16990586
Conc: 99.18 ug/ml m



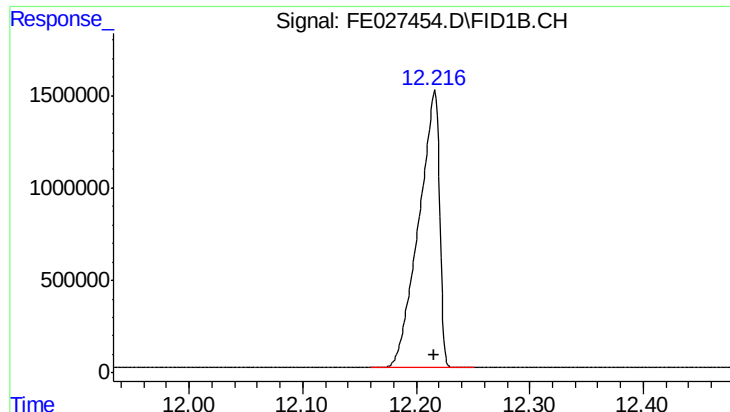
#7 n-Hexadecane (C16)

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 17655792
Conc: 99.14 ug/ml m



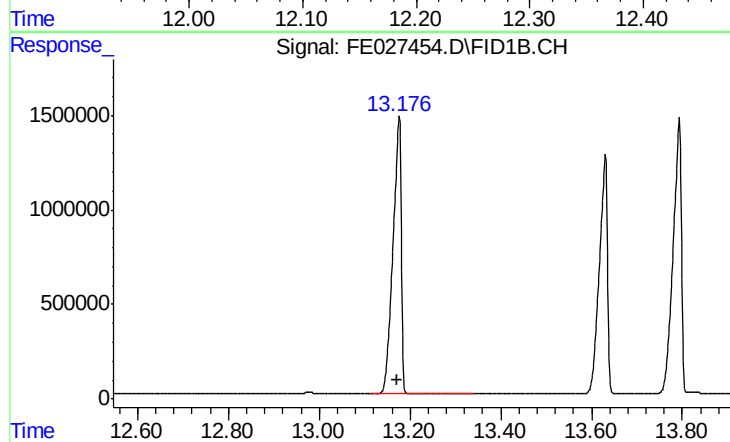
#8 n-Octadecane (C18)

R.T.: 11.859 min
Delta R.T.: 0.000 min
Response: 17818992
Conc: 98.11 ug/ml m



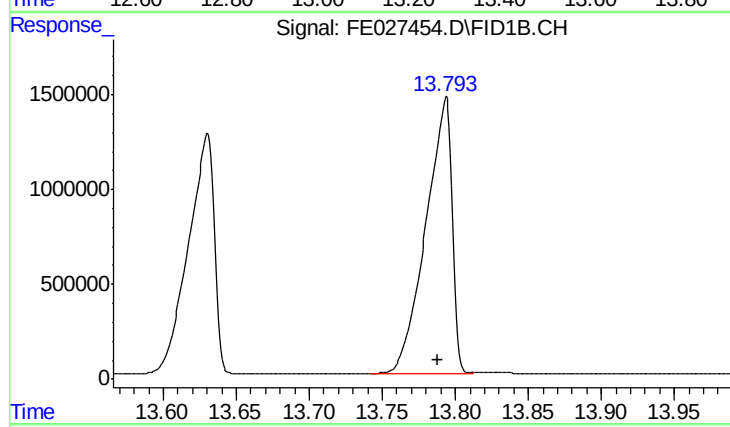
#9 ortho-Terphenyl (SURR)

R.T.: 12.216 min
Delta R.T.: 0.000 min
Response: 18982326
Conc: 98.29 ug/ml m



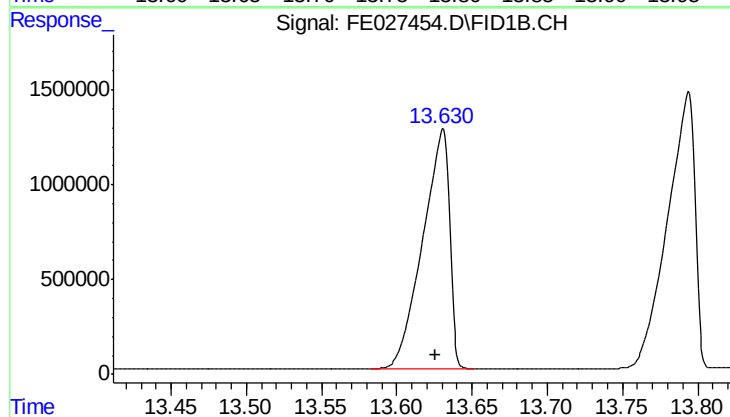
#10 n-Eicosane (C20)

R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 18375483
Conc: 96.90 ug/ml



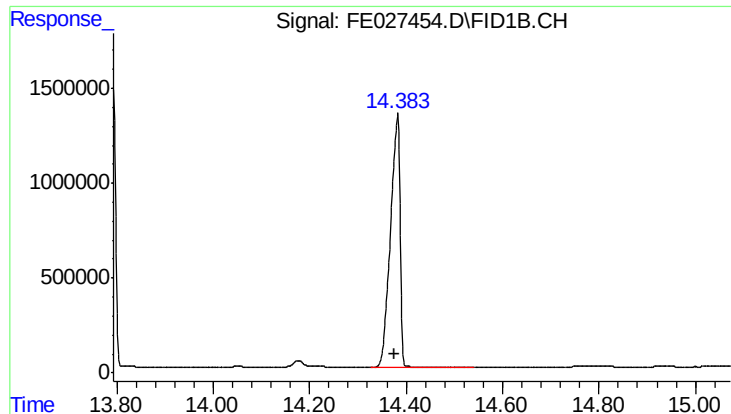
#11 n-Heneicosane (C21)

R.T.: 13.793 min
Delta R.T.: 0.005 min
Response: 18245636
Conc: 96.82 ug/ml m



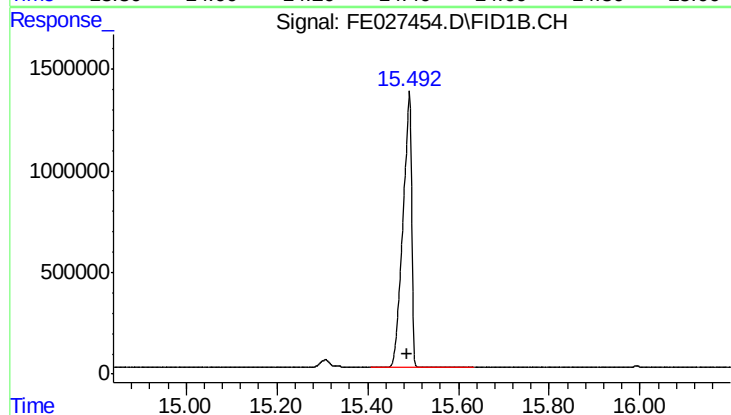
#12 1-chlorooctadecane (SURR)

R.T.: 13.630 min
Delta R.T.: 0.005 min
Response: 15457388
Conc: 97.20 ug/ml m



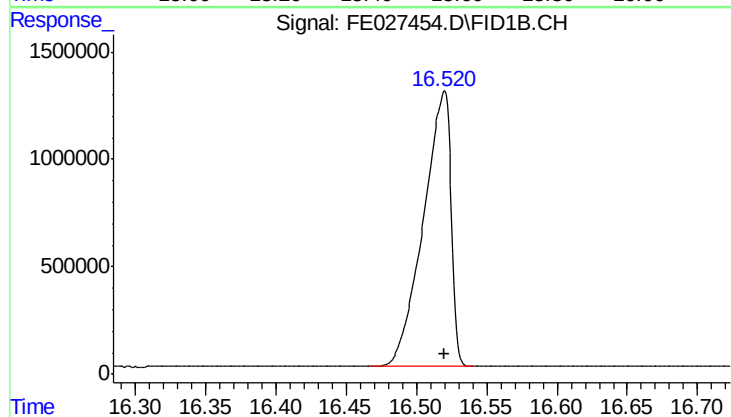
#13 n-Docosane (C22)

R.T.: 14.377 min
Delta R.T.: 0.000 min
Response: 18343111
Conc: 96.90 ug/ml



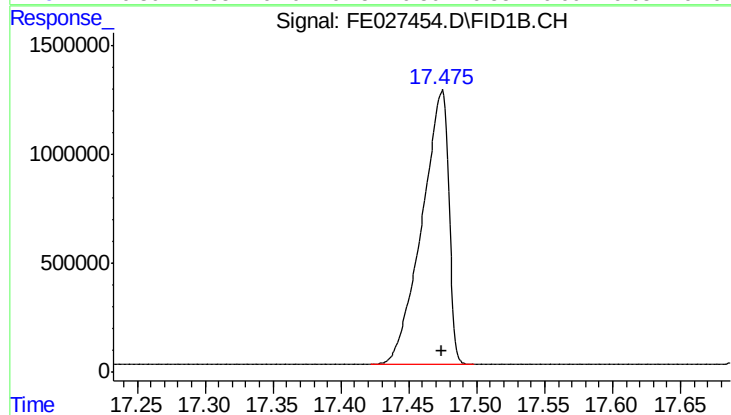
#14 n-Tetracosane (C24)

R.T.: 15.486 min
Delta R.T.: 0.000 min
Response: 18016476
Conc: 96.70 ug/ml



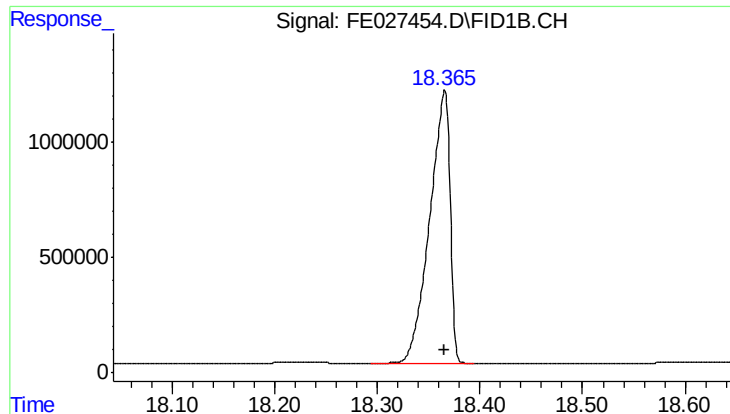
#15 n-Hexacosane (C26)

R.T.: 16.520 min
Delta R.T.: 0.000 min
Response: 17521644
Conc: 97.46 ug/ml m



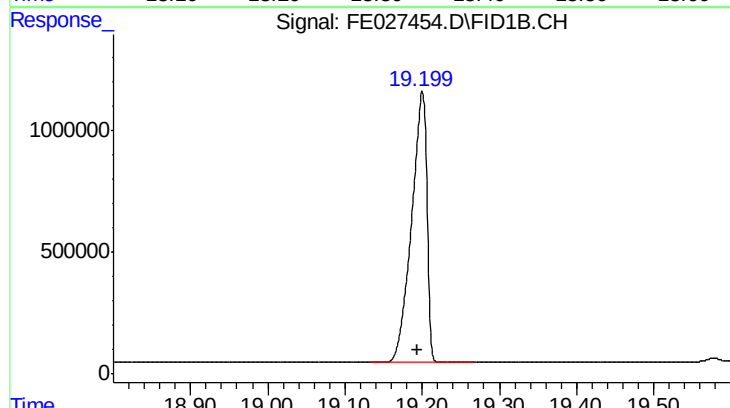
#16 n-Octacosane (C28)

R.T.: 17.475 min
Delta R.T.: 0.000 min
Response: 17221605
Conc: 97.50 ug/ml m



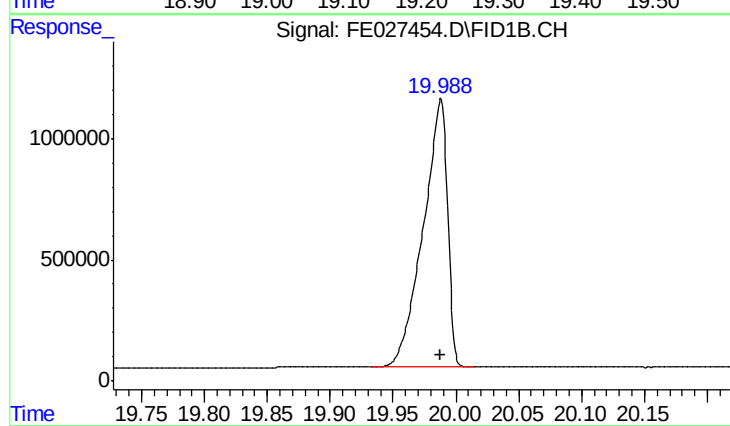
#17 n-Tricontane (C30)

R.T.: 18.365 min
Delta R.T.: 0.000 min
Response: 16325144
Conc: 97.41 ug/ml m



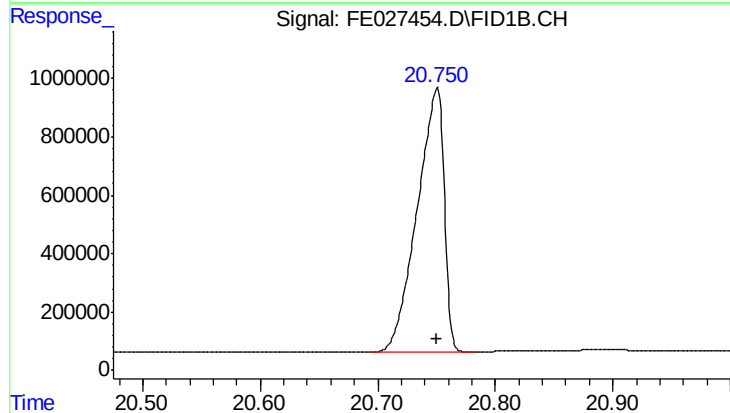
#18 n-Dotriacontane (C32)

R.T.: 19.193 min
Delta R.T.: 0.000 min
Response: 15428426
Conc: 97.34 ug/ml



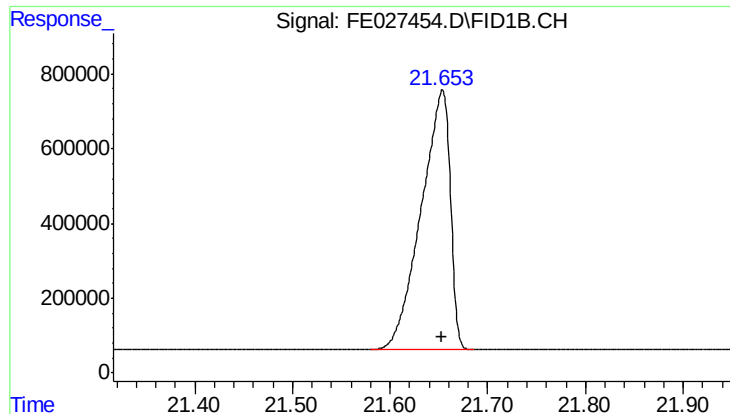
#19 n-Tetratriacontane (C34)

R.T.: 19.988 min
Delta R.T.: 0.000 min
Response: 14858253
Conc: 97.22 ug/ml m



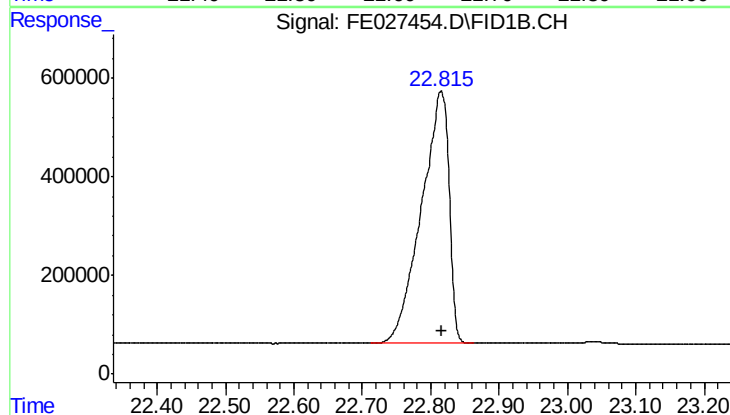
#20 n-Hexatriacontane (C36)

R.T.: 20.750 min
Delta R.T.: 0.000 min
Response: 14438859
Conc: 96.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.653 min
Delta R.T.: 0.000 min
Response: 14364802
Conc: 96.97 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.815 min
Delta R.T.: 0.000 min
Response: 14393125
Conc: 96.74 ug/ml m