

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044638.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 07:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 17:43:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.931	4112241	21.904 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
12) S 1-chlorooctadecane (S...	13.375	3052600	22.438 ug/ml
Spiked Amount 50.000		Recovery =	44.88%
Target Compounds			
1) T n-Nonane (C9)	3.304	3390266	20.882 ug/ml
2) T n-Decane (C10)	4.557	3486735	21.056 ug/ml
3) T A~Naphthalene (C11.7)	6.260	3794546	21.224 ug/ml
4) T n-Dodecane (C12)	6.724	3540957	21.288 ug/ml
5) T A~2-methylnaphthalene...	7.358	3695918	21.602 ug/ml
6) T n-Tetradecane (C14)	8.554	3522088	21.454 ug/ml
7) T n-Hexadecane (C16)	10.167	3579893	21.132 ug/ml
8) T n-Octadecane (C18)	11.615	3580883	21.090 ug/ml
10) T n-Eicosane (C20)	12.929	3442733	21.398 ug/ml
11) T n-Heneicosane (C21)	13.543	3359426	21.454 ug/ml
13) T n-Docosane (C22)	14.131	3312233	21.476 ug/ml
14) T n-Tetracosane (C24)	15.239	3239350	21.429 ug/ml
15) T n-Hexacosane (C26)	16.263	3172365	21.567 ug/ml
16) T n-Octacosane (C28)	17.215	3153543	21.988 ug/ml
17) T n-Tricontane (C30)	18.107	3283561	22.151 ug/ml
18) T n-Dotriacontane (C32)	18.943	3341860	22.575 ug/ml
19) T n-Tetratriacontane (C34)	19.729	3266847	22.354 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3359536	23.161 ug/ml
21) T n-Octatriacontane (C38)	21.225	3318455	22.154 ug/ml
22) T n-Tetracontane (C40)	22.163	3406475	21.586 ug/ml

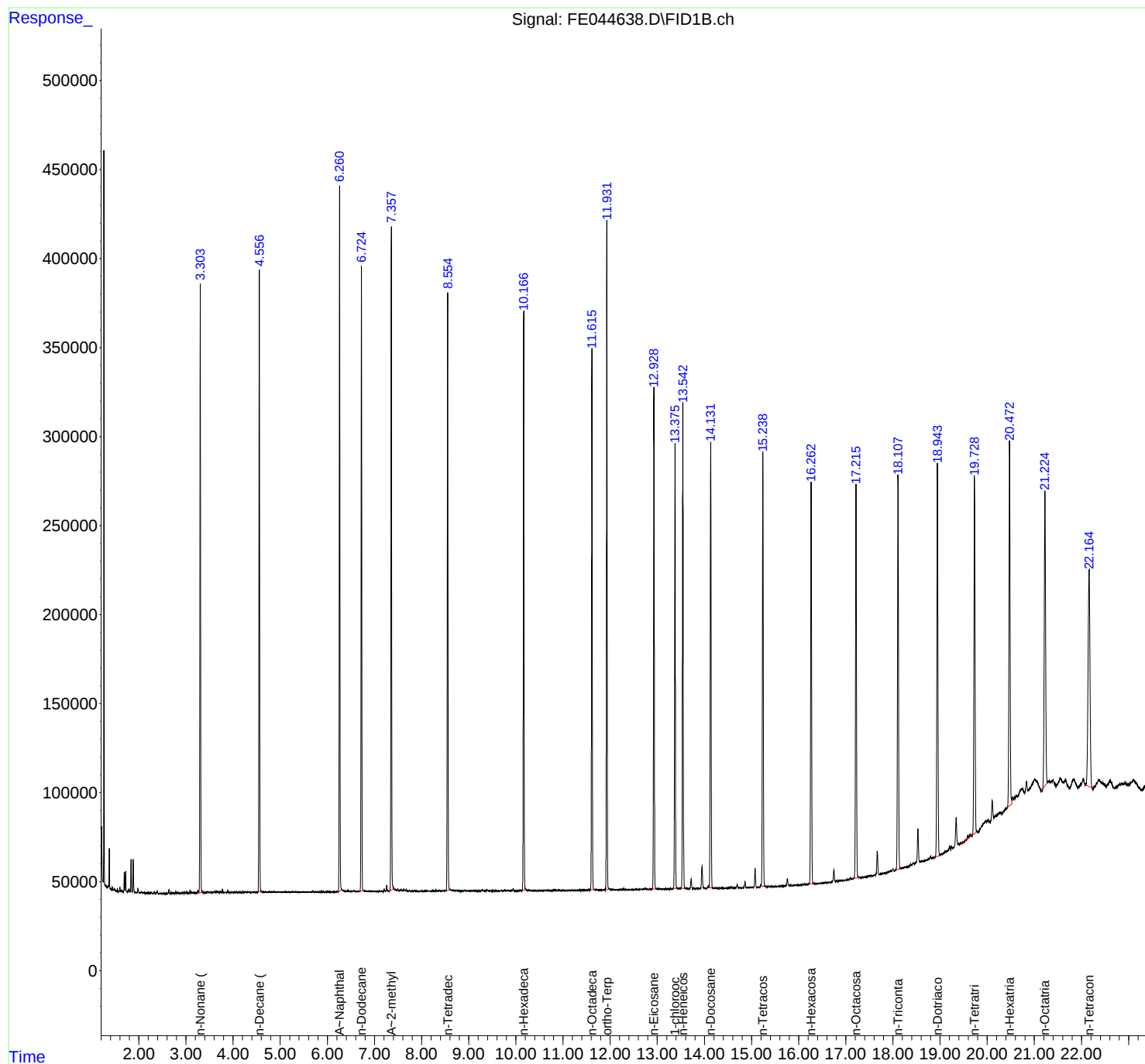
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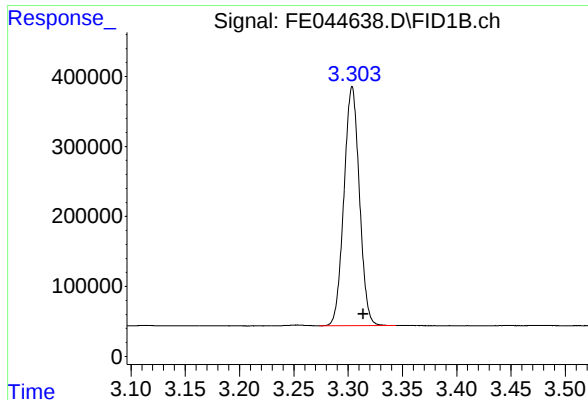
(m)=manual int.

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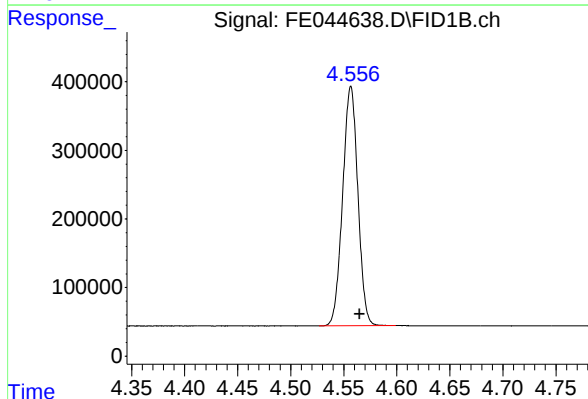
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Signal Info : 20M x 0.18mm x 0.18um





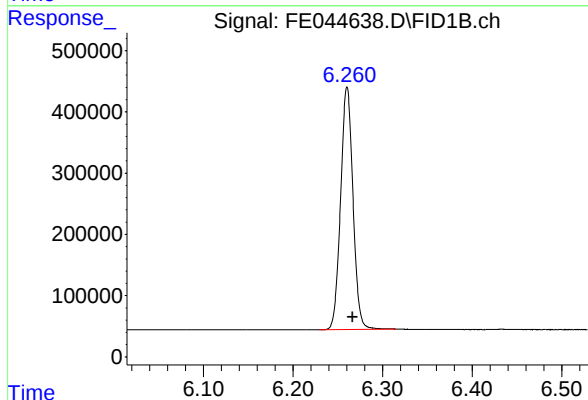
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3390266
Conc: 20.88 ug/ml



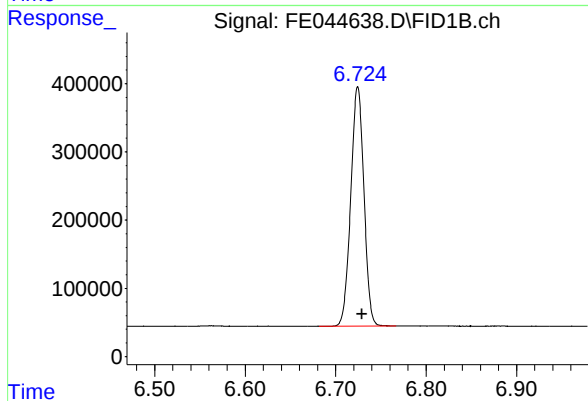
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: -0.008 min
Response: 3486735
Conc: 21.06 ug/ml



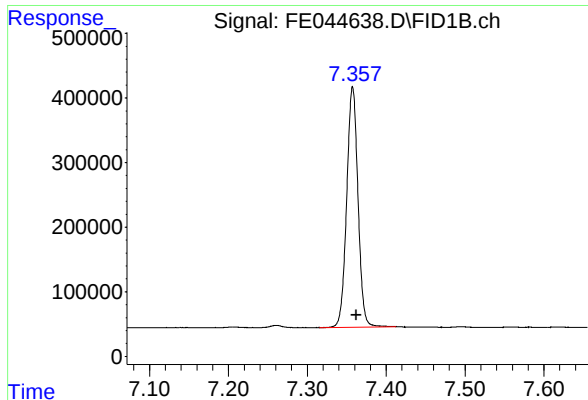
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.006 min
Response: 3794546
Conc: 21.22 ug/ml



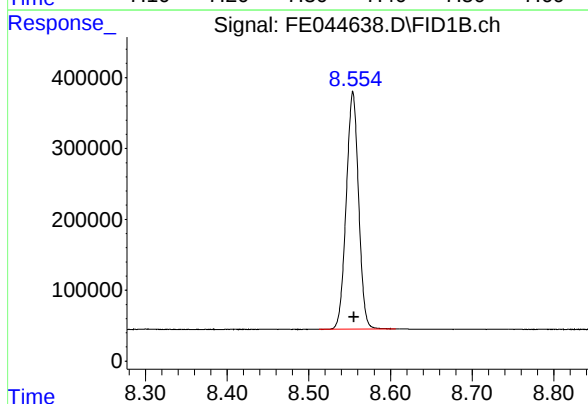
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 3540957
Conc: 21.29 ug/ml



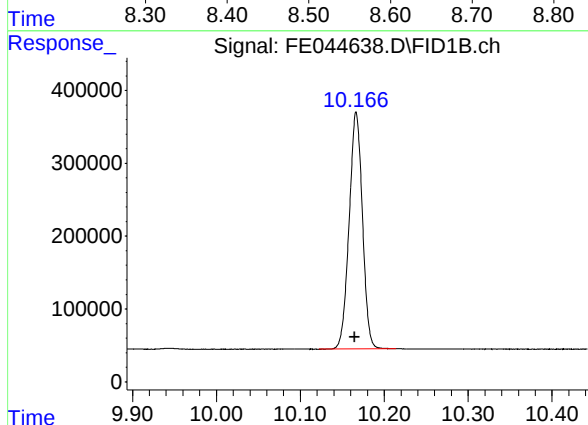
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.358 min
Delta R.T.: -0.004 min
Response: 3695918
Conc: 21.60 ug/ml



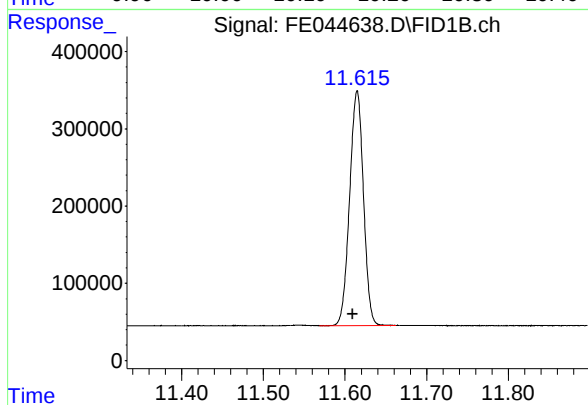
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 3522088
Conc: 21.45 ug/ml



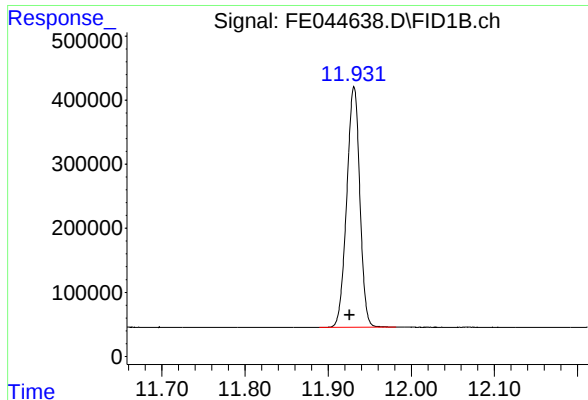
#7 n-Hexadecane (C16)

R.T.: 10.167 min
Delta R.T.: 0.002 min
Response: 3579893
Conc: 21.13 ug/ml



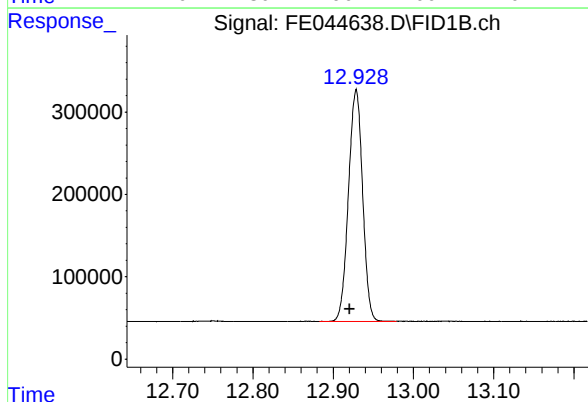
#8 n-Octadecane (C18)

R.T.: 11.615 min
Delta R.T.: 0.006 min
Response: 3580883
Conc: 21.09 ug/ml



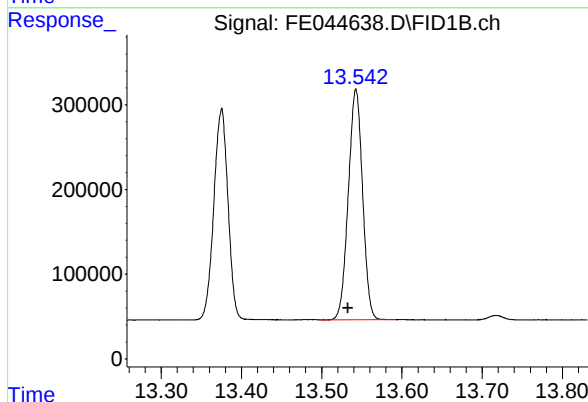
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.005 min
Response: 4112241
Conc: 21.90 ug/ml



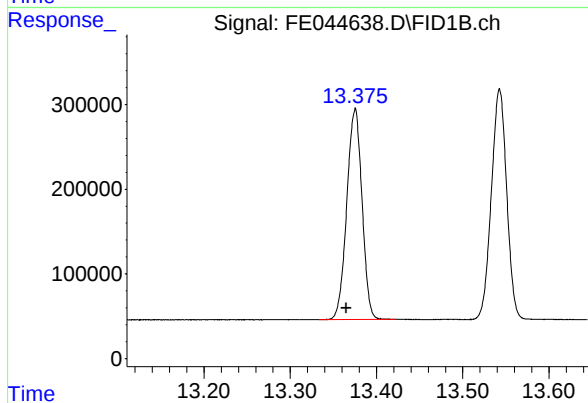
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 3442733
Conc: 21.40 ug/ml



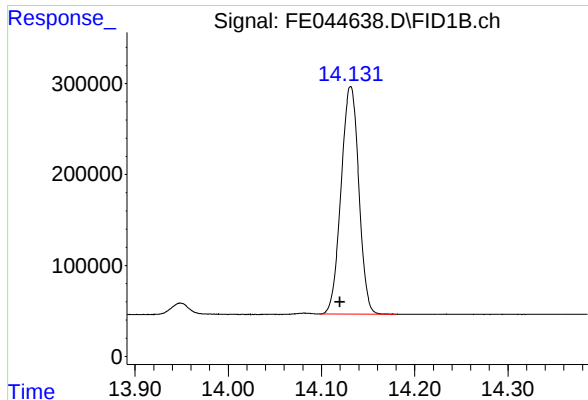
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.010 min
Response: 3359426
Conc: 21.45 ug/ml



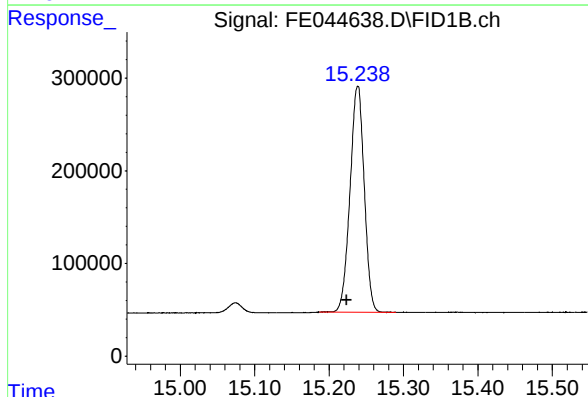
#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: 0.010 min
Response: 3052600
Conc: 22.44 ug/ml



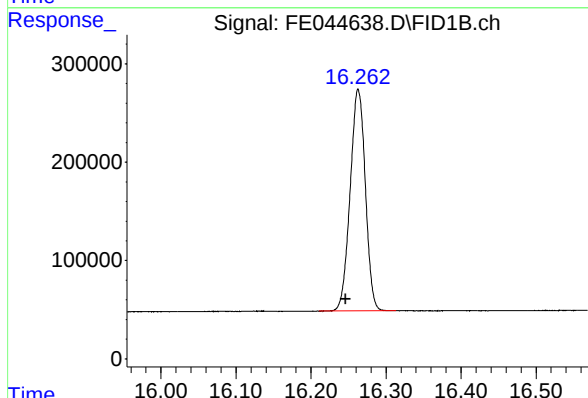
#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: 0.012 min
Response: 3312233
Conc: 21.48 ug/ml



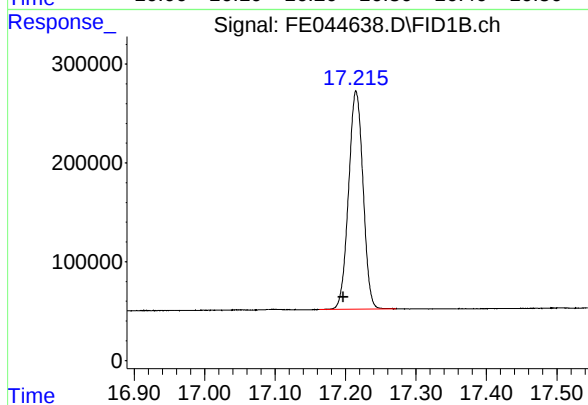
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: 0.015 min
Response: 3239350
Conc: 21.43 ug/ml



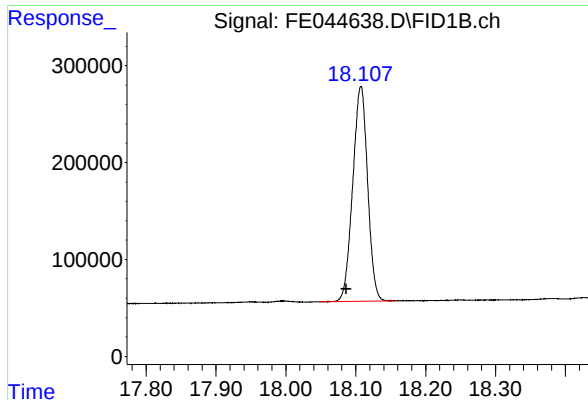
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.017 min
Response: 3172365
Conc: 21.57 ug/ml



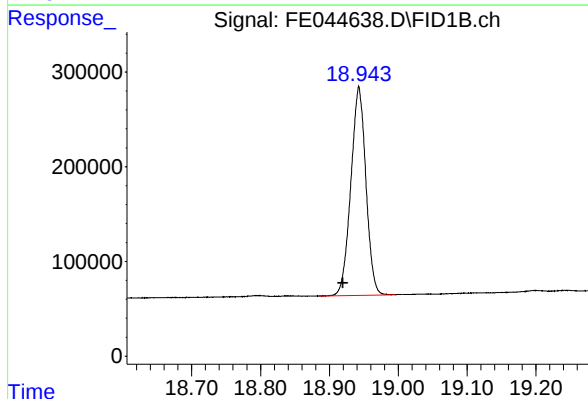
#16 n-Octacosane (C28)

R.T.: 17.215 min
Delta R.T.: 0.018 min
Response: 3153543
Conc: 21.99 ug/ml



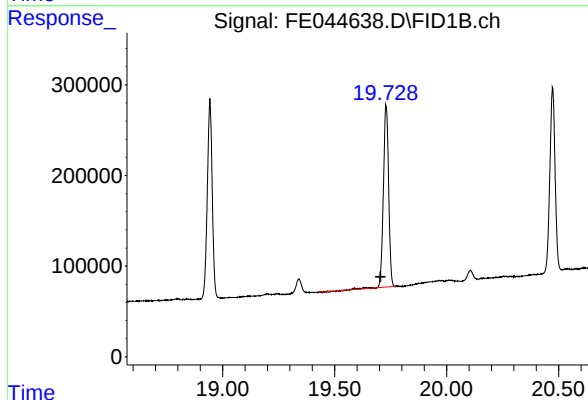
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: 0.021 min
Response: 3283561
Conc: 22.15 ug/ml



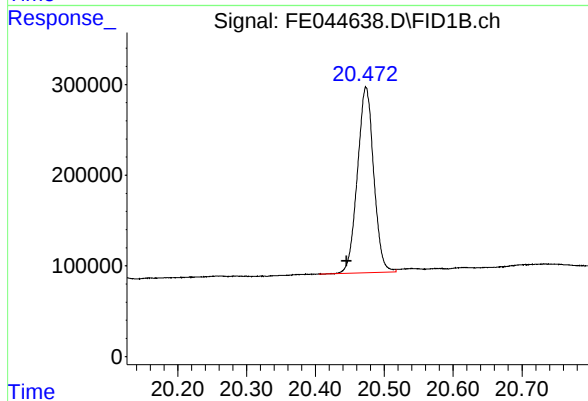
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: 0.023 min
Response: 3341860
Conc: 22.57 ug/ml



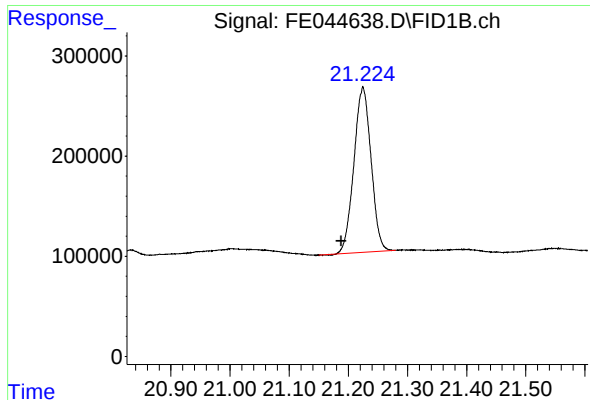
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.025 min
Response: 3266847
Conc: 22.35 ug/ml



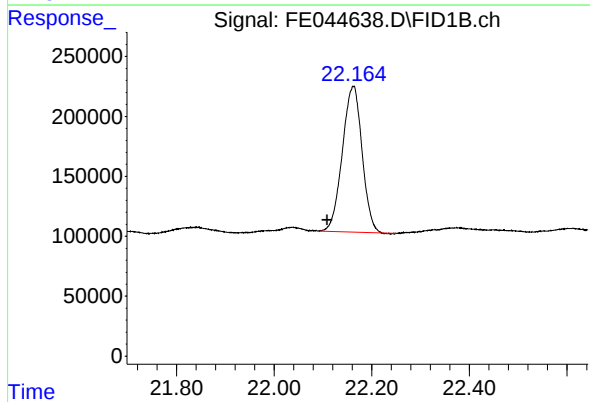
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.028 min
Response: 3359536
Conc: 23.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.036 min
Response: 3318455
Conc: 22.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.054 min
Response: 3406475
Conc: 21.59 ug/ml