

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044649.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2023 14:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 17:46:34 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)	11.929	3762798	20.043 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	13.371	2785800	20.477 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.301	3096637	19.074 ug/ml
2) T n-Decane (C10)	4.555	3187929	19.252 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3466886	19.391 ug/ml
4) T n-Dodecane (C12)	6.723	3235561	19.452 ug/ml
5) T A~2-methylnaphthalene...	7.355	3366494	19.677 ug/ml
6) T n-Tetradecane (C14)	8.552	3219085	19.609 ug/ml
7) T n-Hexadecane (C16)	10.165	3272330	19.316 ug/ml
8) T n-Octadecane (C18)	11.612	3277135	19.301 ug/ml
10) T n-Eicosane (C20)	12.926	3152707	19.595 ug/ml
11) T n-Heneicosane (C21)	13.540	3072160	19.620 ug/ml
13) T n-Docosane (C22)	14.127	3030297	19.648 ug/ml
14) T n-Tetracosane (C24)	15.233	2959465	19.578 ug/ml
15) T n-Hexacosane (C26)	16.257	2905228	19.751 ug/ml
16) T n-Octacosane (C28)	17.209	2895804	20.191 ug/ml
17) T n-Tricontane (C30)	18.101	3027864	20.426 ug/ml
18) T n-Dotriacontane (C32)	18.936	3084649	20.837 ug/ml
19) T n-Tetratriacontane (C34)	19.722	3003238	20.550 ug/ml
20) T n-Hexatriacontane (C36)	20.465	3003364	20.705 ug/ml
21) T n-Octatriacontane (C38)	21.214	3046180	20.336 ug/ml
22) T n-Tetracontane (C40)	22.145	3154291	19.988 ug/ml

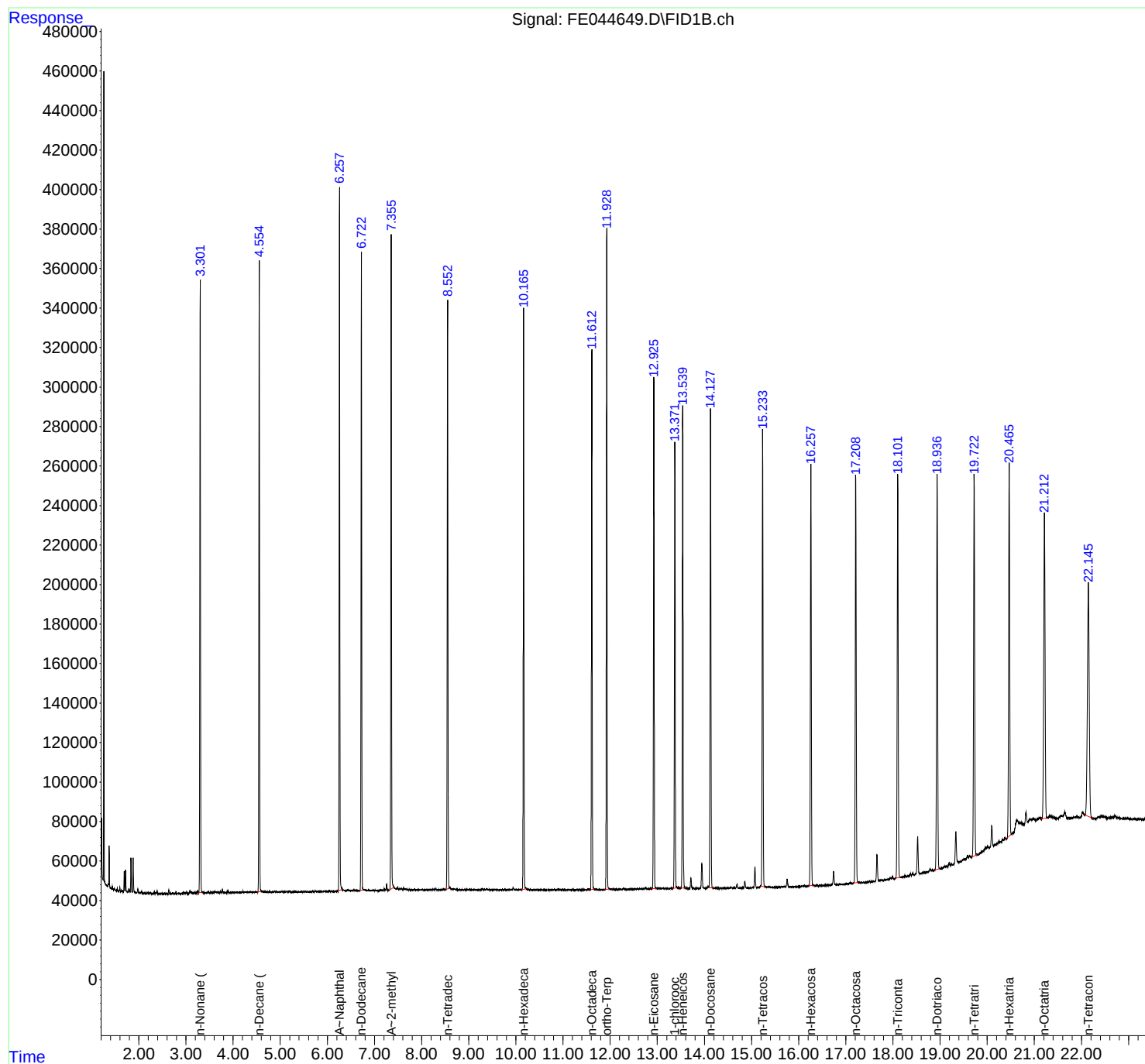
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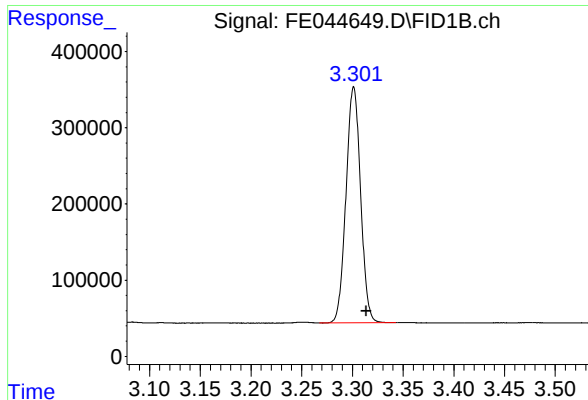
(m)=manual int.

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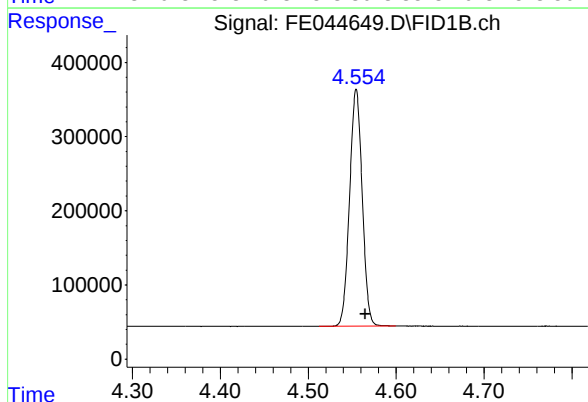
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Signal Info : 20M x 0.18mm x 0.18um





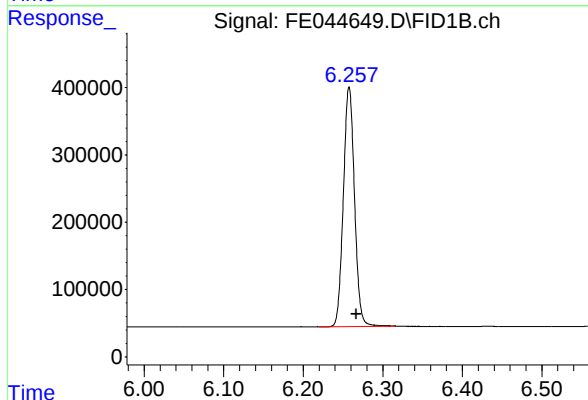
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.013 min
Response: 3096637
Conc: 19.07 ug/ml



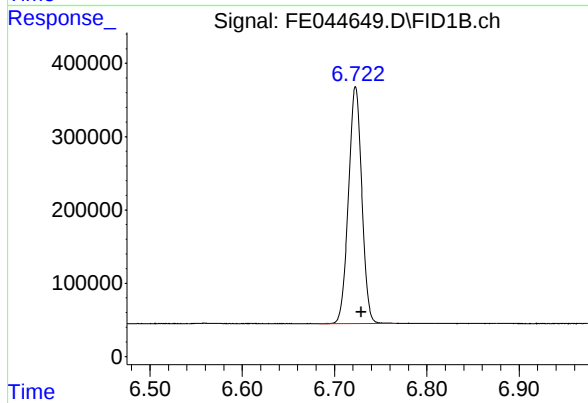
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 3187929
Conc: 19.25 ug/ml



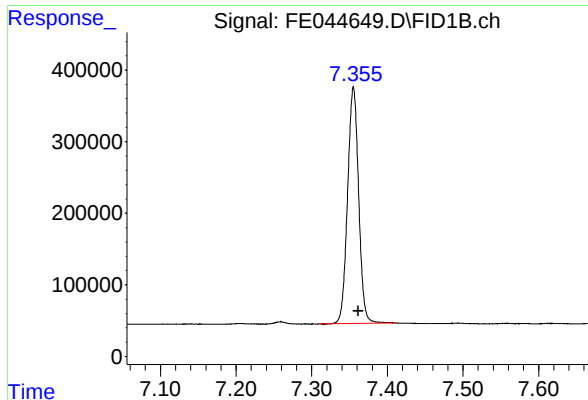
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.009 min
Response: 3466886
Conc: 19.39 ug/ml



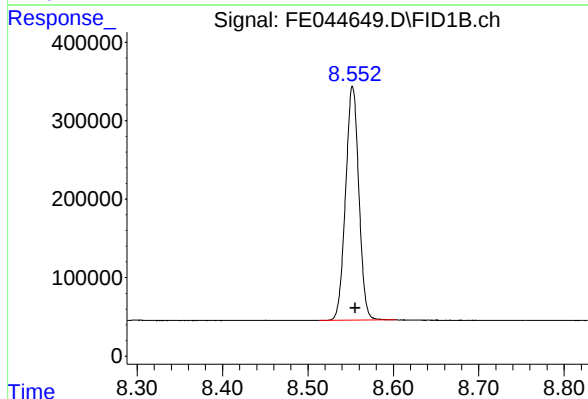
#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: -0.006 min
Response: 3235561
Conc: 19.45 ug/ml



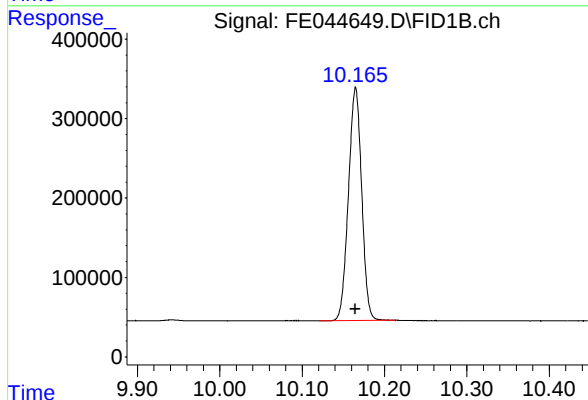
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 3366494
Conc: 19.68 ug/ml



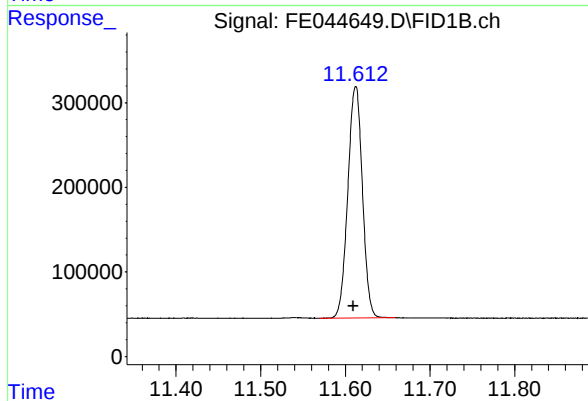
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 3219085
Conc: 19.61 ug/ml



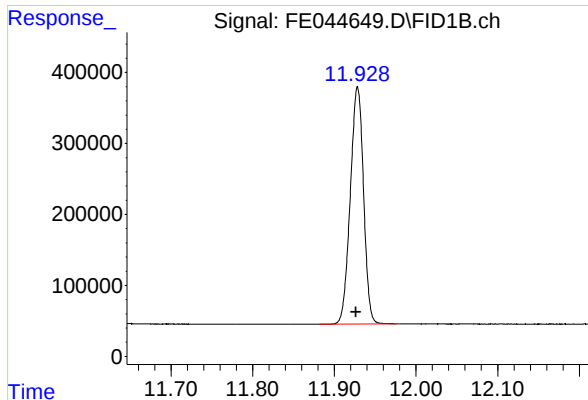
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 3272330
Conc: 19.32 ug/ml



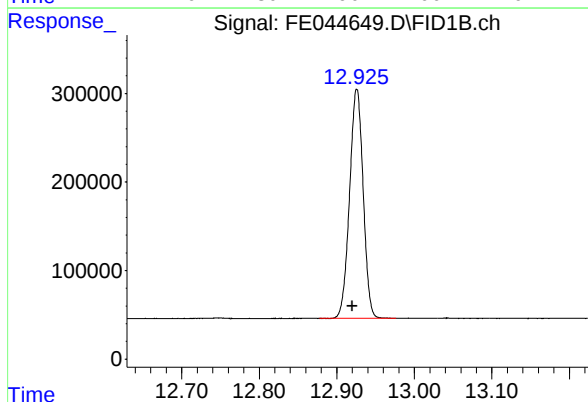
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.003 min
Response: 3277135
Conc: 19.30 ug/ml



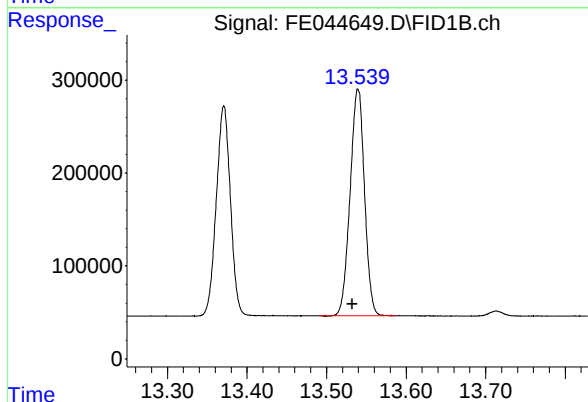
#9 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: 0.002 min
Response: 3762798
Conc: 20.04 ug/ml



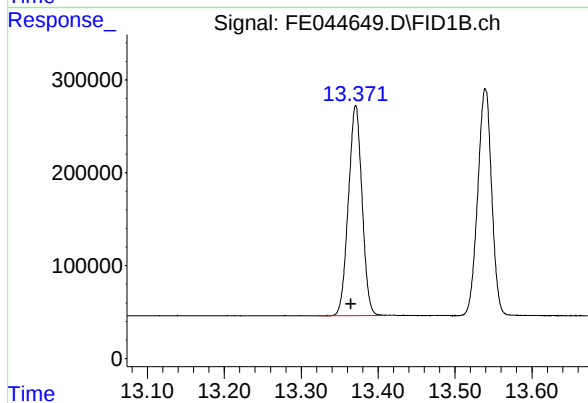
#10 n-Eicosane (C20)

R.T.: 12.926 min
Delta R.T.: 0.006 min
Response: 3152707
Conc: 19.60 ug/ml



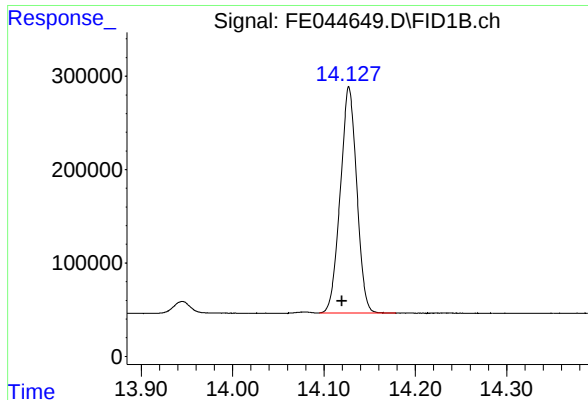
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.007 min
Response: 3072160
Conc: 19.62 ug/ml



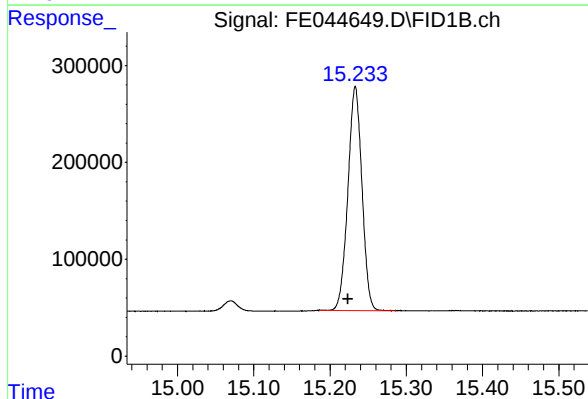
#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.006 min
Response: 2785800
Conc: 20.48 ug/ml



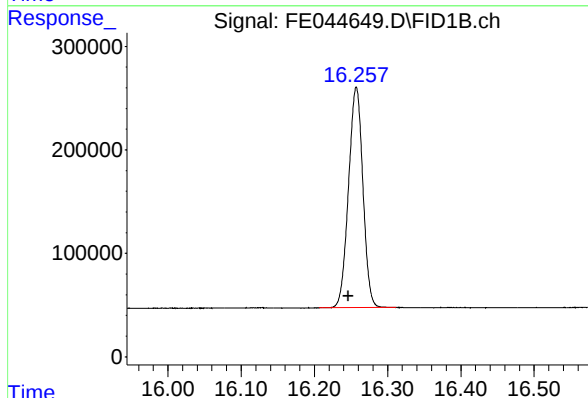
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.008 min
Response: 3030297
Conc: 19.65 ug/ml



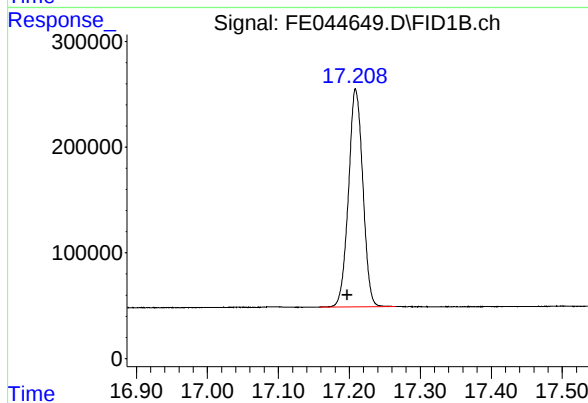
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.010 min
Response: 2959465
Conc: 19.58 ug/ml



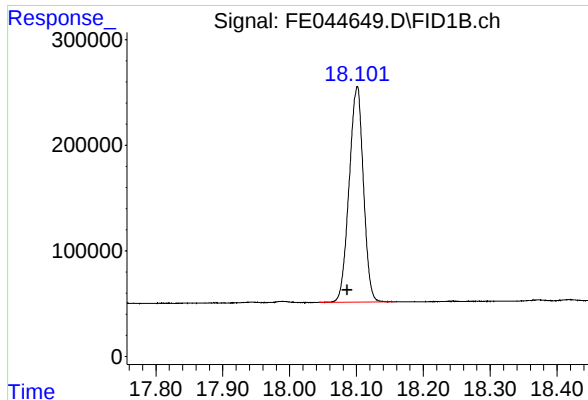
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.011 min
Response: 2905228
Conc: 19.75 ug/ml



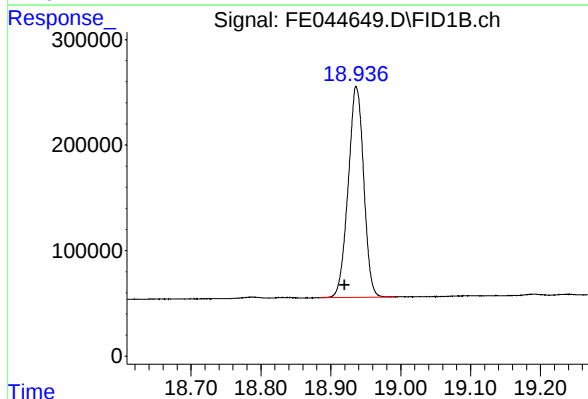
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.012 min
Response: 2895804
Conc: 20.19 ug/ml



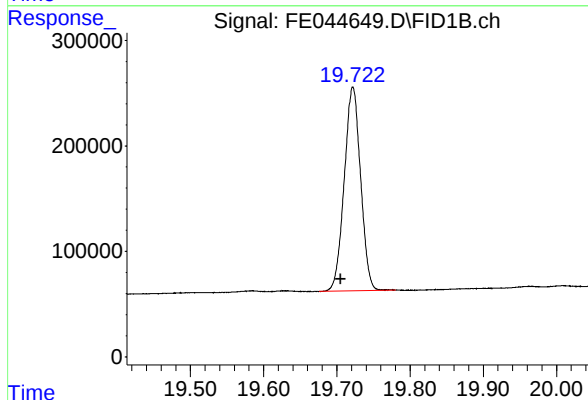
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.015 min
Response: 3027864
Conc: 20.43 ug/ml



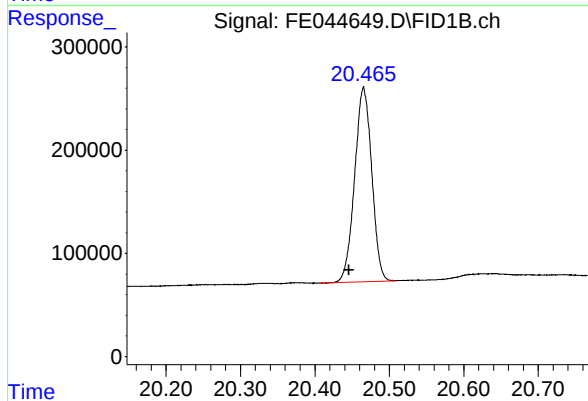
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.017 min
Response: 3084649
Conc: 20.84 ug/ml



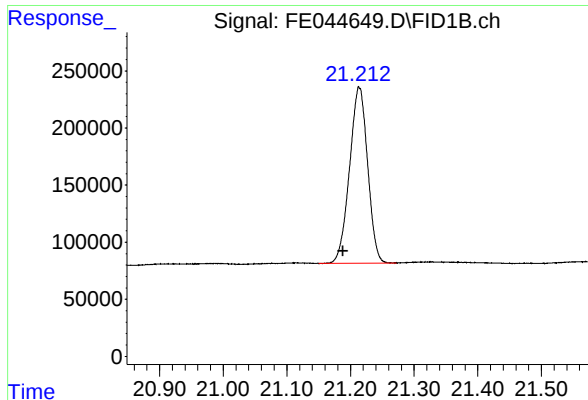
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.017 min
Response: 3003238
Conc: 20.55 ug/ml



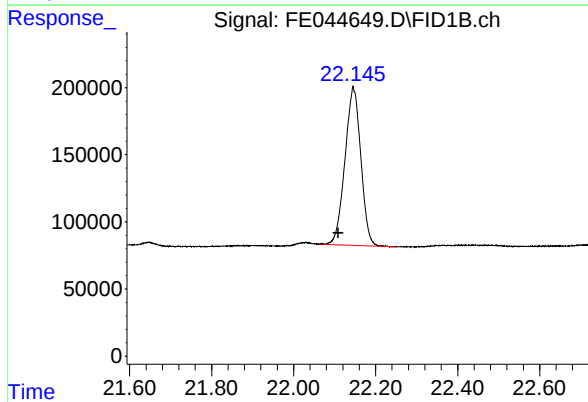
#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: 0.020 min
Response: 3003364
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.025 min
Response: 3046180
Conc: 20.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.036 min
Response: 3154291
Conc: 19.99 ug/ml