

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041524AL\
 Data File : FE047624.D
 Signal(s) : FID1B.ch
 Acq On : 15 Apr 2024 13:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 06:37:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.989	3152543	18.176 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
12) S 1-chlorooctadecane (S...	13.423	2447784	18.200 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T n-Nonane (C9)	3.364	2938883	18.785 ug/ml
2) T n-Decane (C10)	4.617	3020917	18.796 ug/ml
3) T A~Naphthalene (C11.7)	6.327	3143014	18.537 ug/ml
4) T n-Dodecane (C12)	6.784	3018140	18.595 ug/ml
5) T A~2-methylnaphthalene...	7.424	3019040	18.384 ug/ml
6) T n-Tetradecane (C14)	8.613	2969206	18.457 ug/ml
7) T n-Hexadecane (C16)	10.222	3044127	18.330 ug/ml
8) T n-Octadecane (C18)	11.666	3061507	18.256 ug/ml
10) T n-Eicosane (C20)	12.977	2945315	18.181 ug/ml
11) T n-Heneicosane (C21)	13.589	2891245	18.221 ug/ml
13) T n-Docosane (C22)	14.175	2901164	18.078 ug/ml
14) T n-Tetracosane (C24)	15.278	2948009	17.860 ug/ml
15) T n-Hexacosane (C26)	16.298	2954853	17.876 ug/ml
16) T n-Octacosane (C28)	17.248	2976320	17.960 ug/ml
17) T n-Tricontane (C30)	18.136	3109660	18.316 ug/ml
18) T n-Dotriacontane (C32)	18.969	3131497	18.780 ug/ml
19) T n-Tetratriacontane (C34)	19.753	3146531	19.618 ug/ml
20) T n-Hexatriacontane (C36)	20.494	3280629	20.568 ug/ml
21) T n-Octatriacontane (C38)	21.240	2973403	18.295 ug/ml
22) T n-Tetracontane (C40)	22.174	2922874	17.852 ug/ml

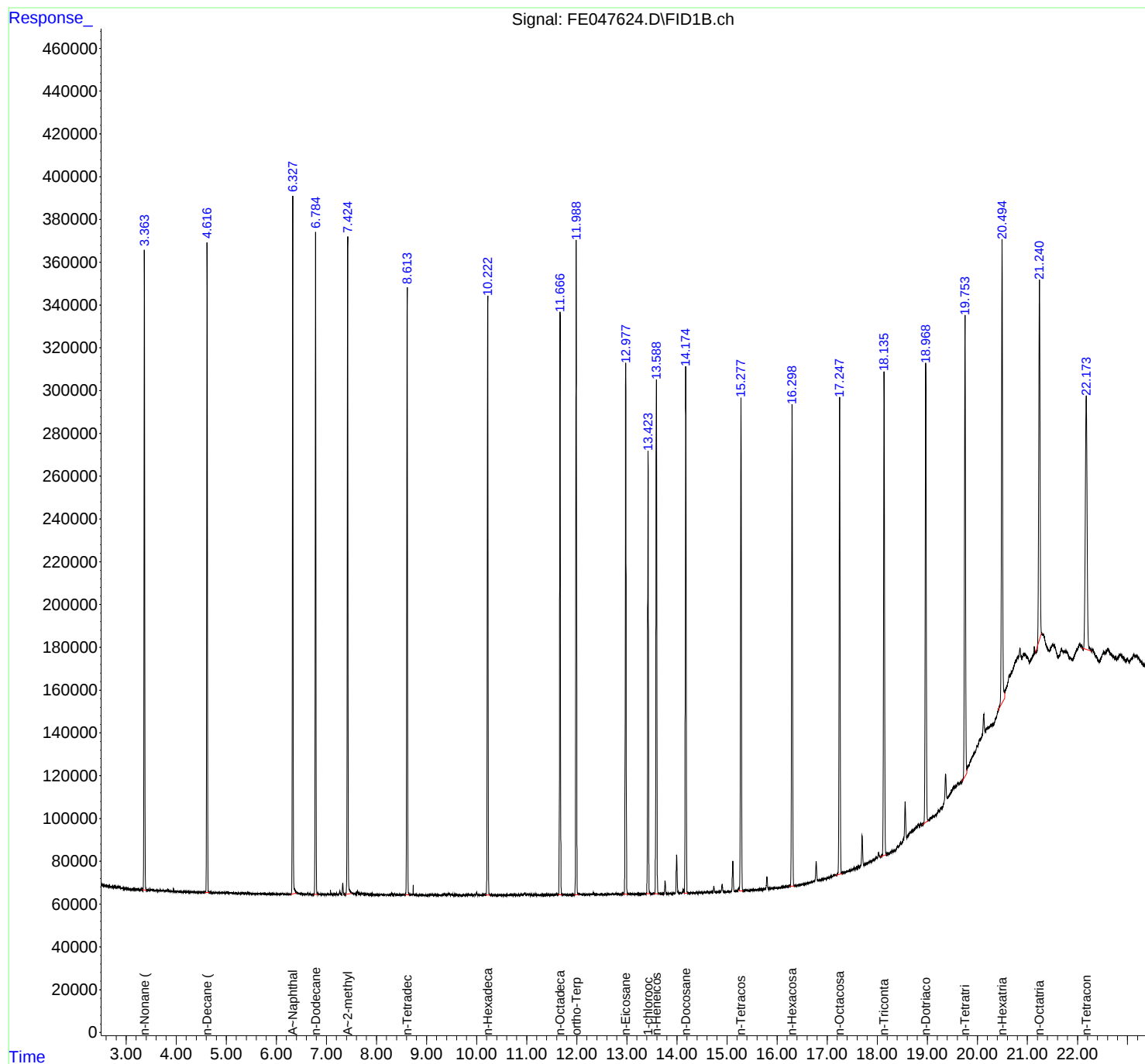
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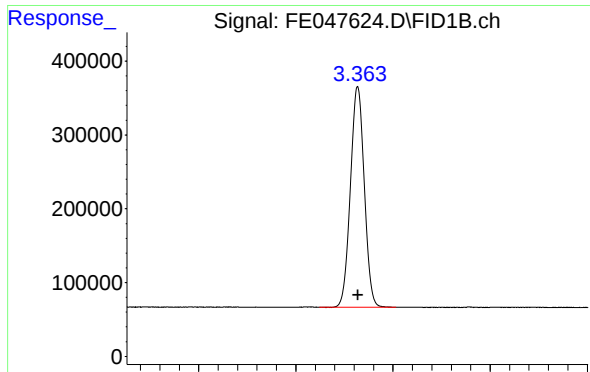
(m)=manual int.

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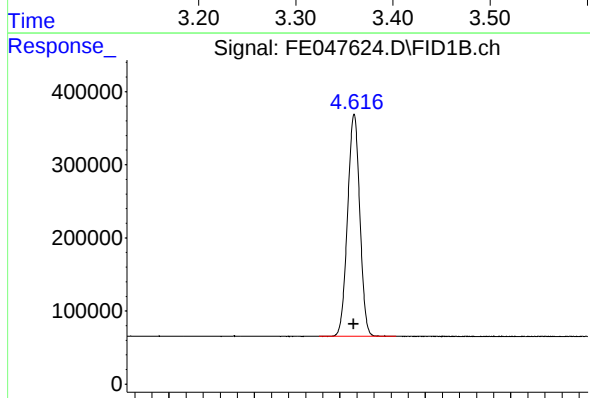
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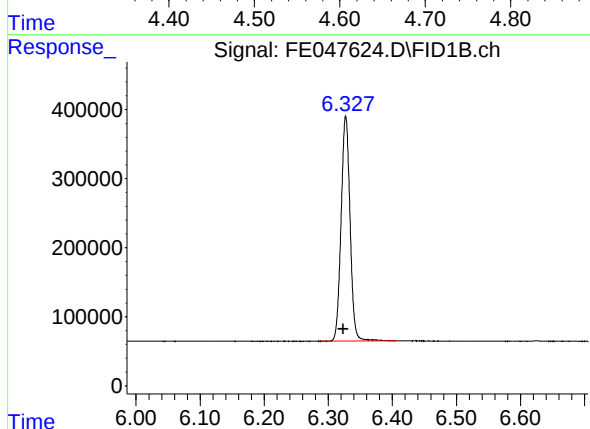
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 2938883
Conc: 18.78 ug/ml



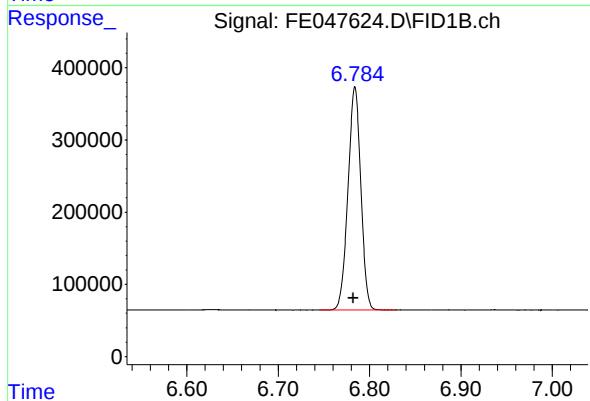
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 3020917
Conc: 18.80 ug/ml



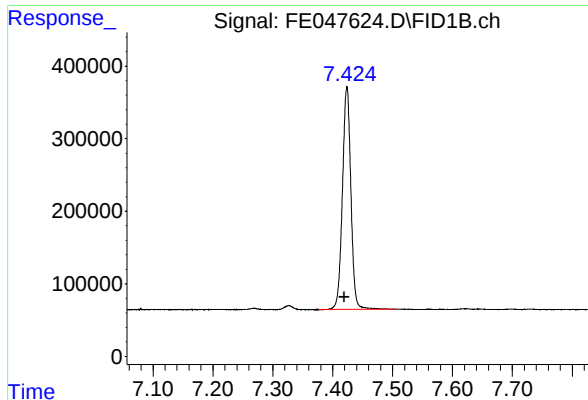
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 3143014
Conc: 18.54 ug/ml



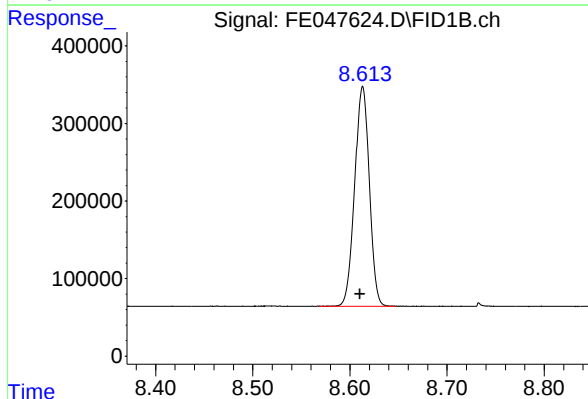
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.002 min
Response: 3018140
Conc: 18.60 ug/ml



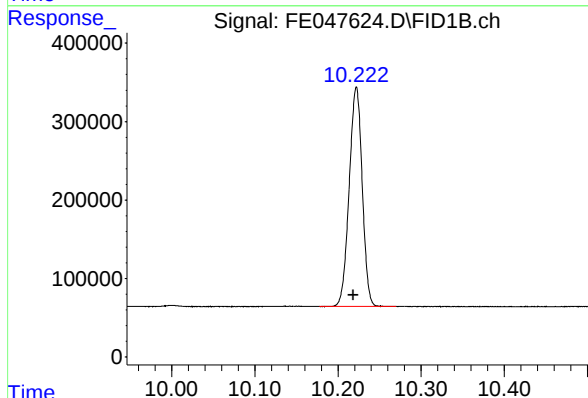
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.424 min
Delta R.T.: 0.004 min
Response: 3019040
Conc: 18.38 ug/ml



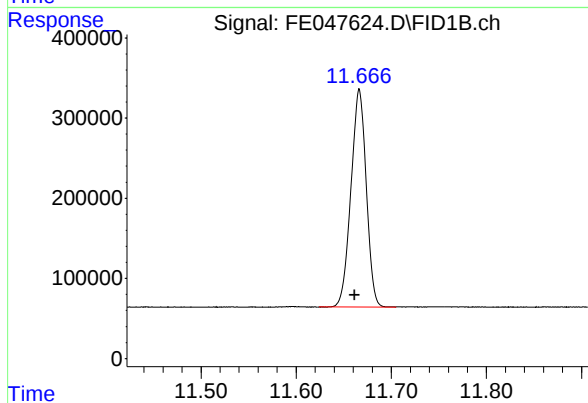
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 2969206
Conc: 18.46 ug/ml



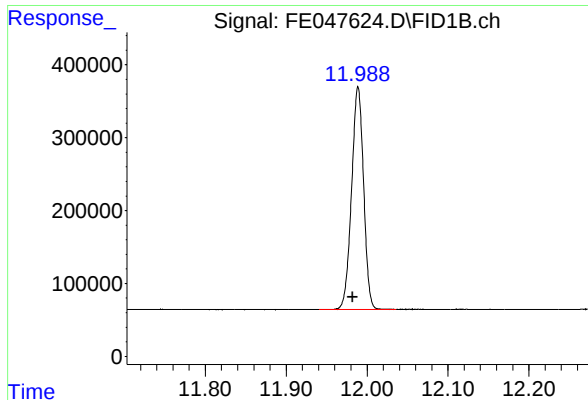
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.003 min
Response: 3044127
Conc: 18.33 ug/ml



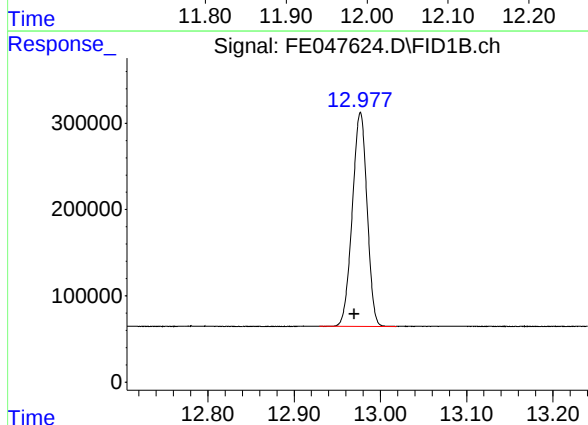
#8 n-Octadecane (C18)

R.T.: 11.666 min
Delta R.T.: 0.005 min
Response: 3061507
Conc: 18.26 ug/ml



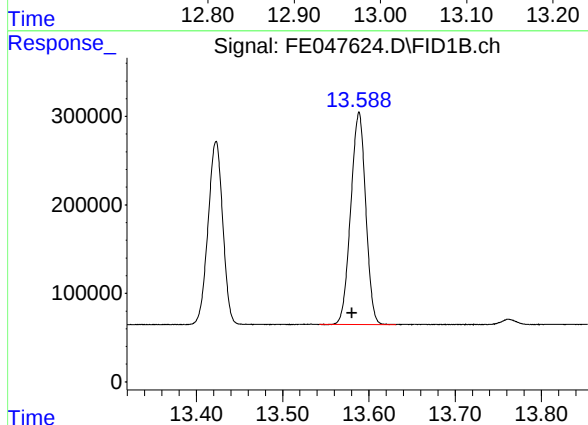
#9 ortho-Terphenyl (SURR)

R.T.: 11.989 min
Delta R.T.: 0.007 min
Response: 3152543
Conc: 18.18 ug/ml



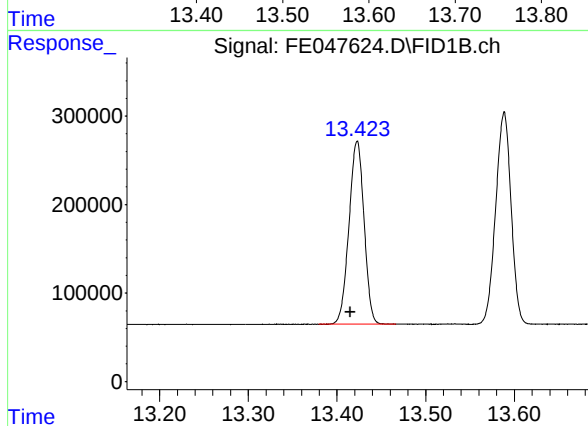
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.007 min
Response: 2945315
Conc: 18.18 ug/ml



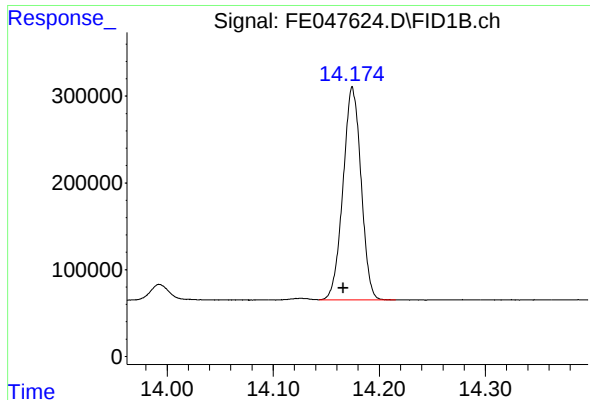
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.008 min
Response: 2891245
Conc: 18.22 ug/ml



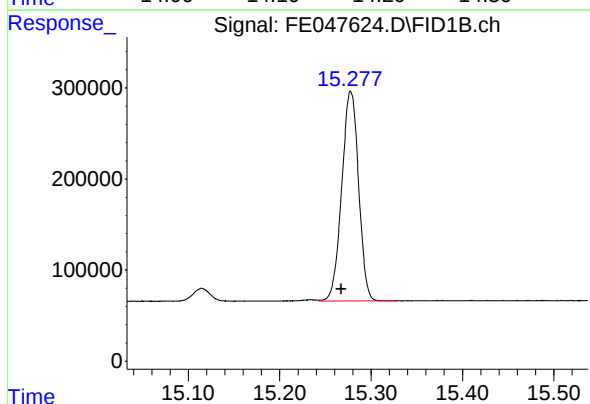
#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.008 min
Response: 2447784
Conc: 18.20 ug/ml



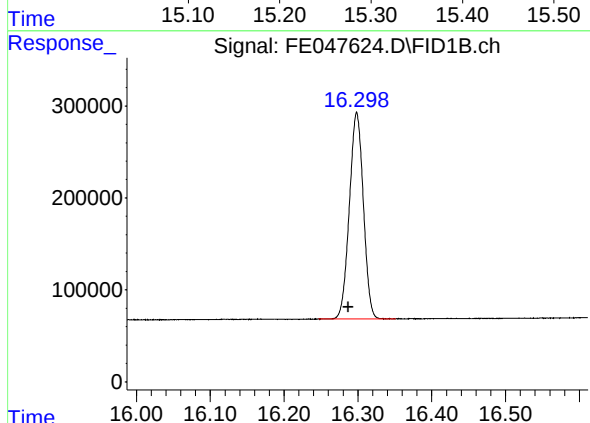
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.008 min
Response: 2901164
Conc: 18.08 ug/ml



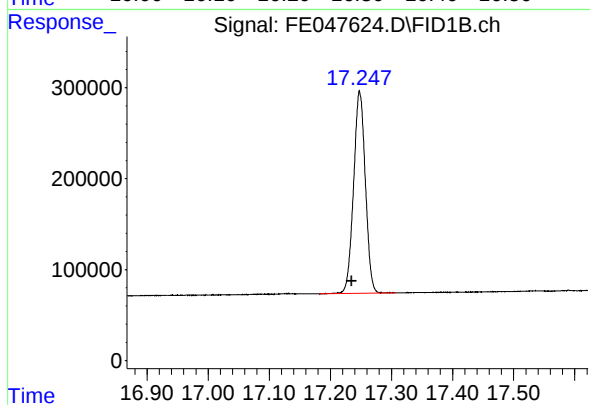
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.010 min
Response: 2948009
Conc: 17.86 ug/ml



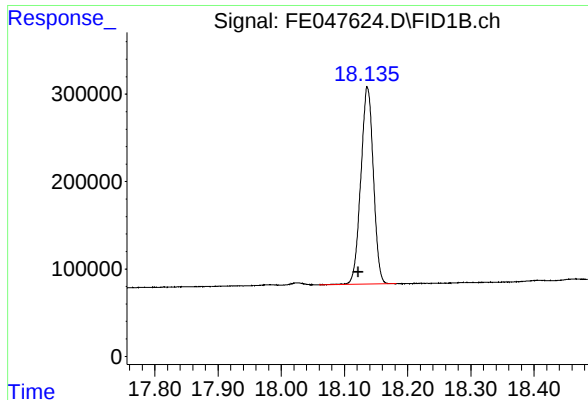
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.011 min
Response: 2954853
Conc: 17.88 ug/ml



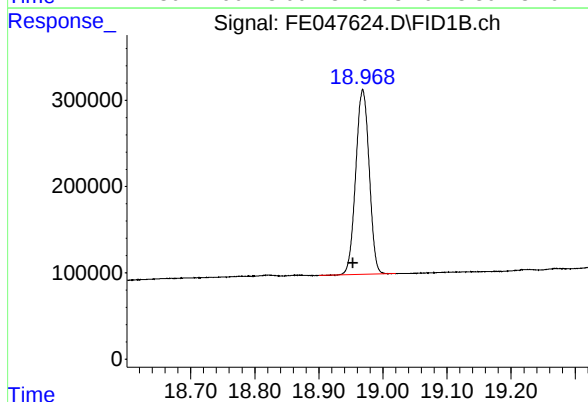
#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: 0.013 min
Response: 2976320
Conc: 17.96 ug/ml



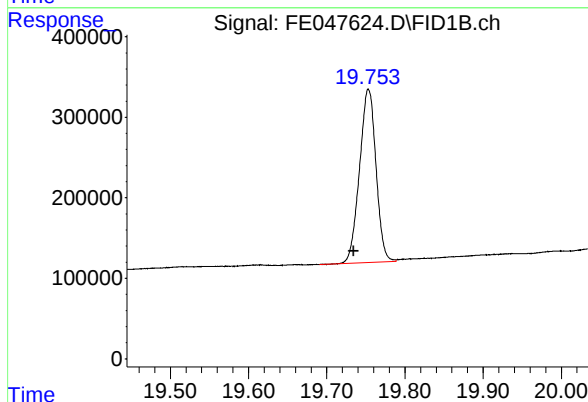
#17 n-Tricontane (C30)

R.T.: 18.136 min
Delta R.T.: 0.014 min
Response: 3109660
Conc: 18.32 ug/ml



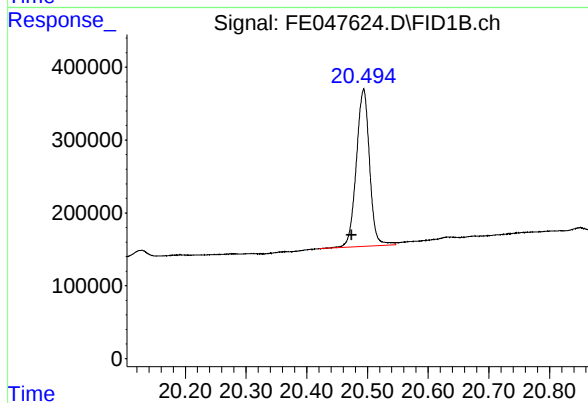
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.015 min
Response: 3131497
Conc: 18.78 ug/ml



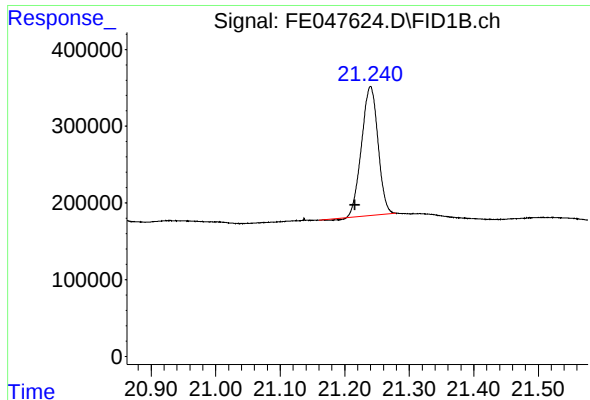
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.019 min
Response: 3146531
Conc: 19.62 ug/ml



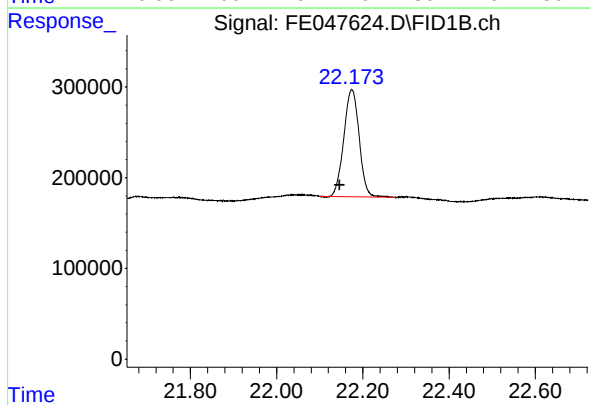
#20 n-Hexatriacontane (C36)

R.T.: 20.494 min
Delta R.T.: 0.020 min
Response: 3280629
Conc: 20.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.024 min
Response: 2973403
Conc: 18.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: 0.029 min
Response: 2922874
Conc: 17.85 ug/ml