

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031723AL\
 Data File : FE040888.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2023 02:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 04:27:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.872	3522653	18.857 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.311	2731238	18.454 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T n-Nonane (C9)	3.268	3237422	21.039 ug/ml
2) T n-Decane (C10)	4.515	3226531	21.446 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3493221	21.060 ug/ml
4) T n-Dodecane (C12)	6.679	3252734	21.247 ug/ml
5) T A~2-methylnaphthalene...	7.313	3185935	21.051 ug/ml
6) T n-Tetradecane (C14)	8.506	3266798	21.137 ug/ml
7) T n-Hexadecane (C16)	10.114	3345320	20.711 ug/ml
8) T n-Octadecane (C18)	11.556	3379636	19.904 ug/ml
10) T n-Eicosane (C20)	12.866	3233187	19.112 ug/ml
11) T n-Heneicosane (C21)	13.478	3209075	18.727 ug/ml
13) T n-Docosane (C22)	14.065	3136817	18.310 ug/ml
14) T n-Tetracosane (C24)	15.168	3065565	17.783 ug/ml
15) T n-Hexacosane (C26)	16.189	2944766	17.326 ug/ml
16) T n-Octacosane (C28)	17.141	2965980	17.686 ug/ml
17) T n-Tricontane (C30)	18.029	3080778	18.868 ug/ml
18) T n-Dotriacontane (C32)	18.865	3204323	18.722 ug/ml
19) T n-Tetratriacontane (C34)	19.649	3035608	19.634 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2745267	18.896 ug/ml
21) T n-Octatriacontane (C38)	21.119	2688375	19.558 ug/ml
22) T n-Tetracontane (C40)	22.009	2891900	18.715 ug/ml

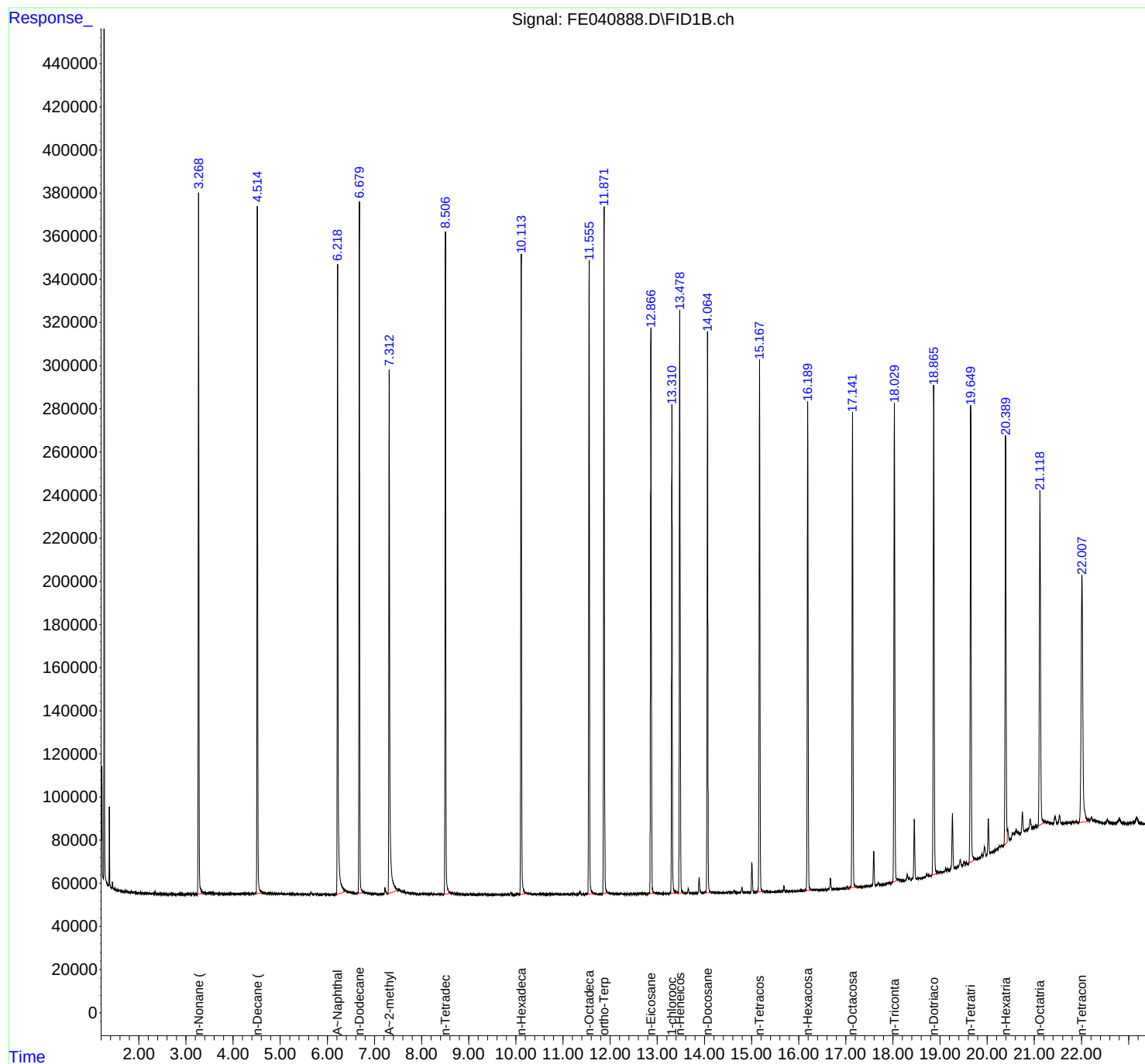
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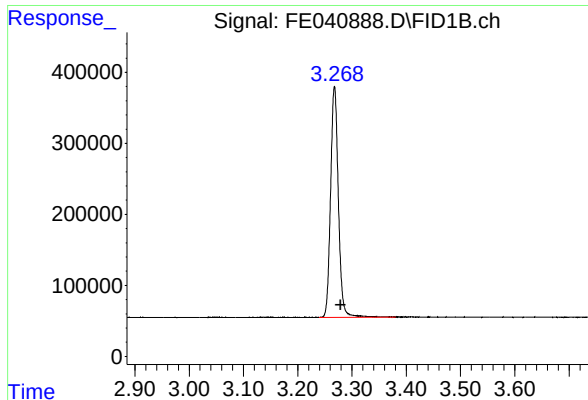
(m)=manual int.

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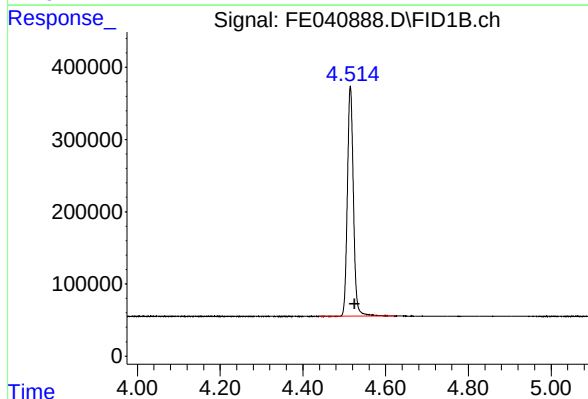
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





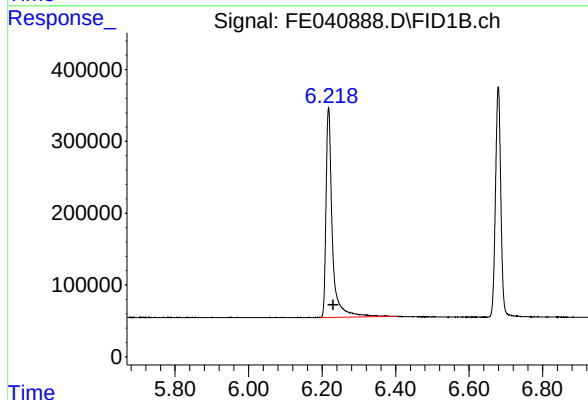
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.011 min
Response: 3237422
Conc: 21.04 ug/ml



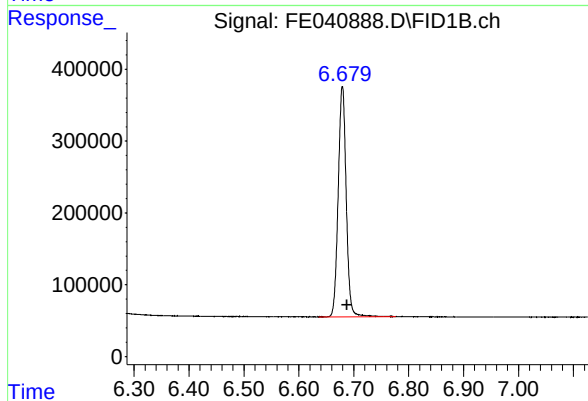
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.010 min
Response: 3226531
Conc: 21.45 ug/ml



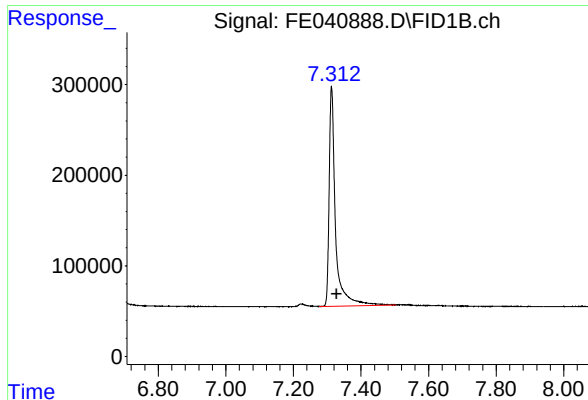
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.014 min
Response: 3493221
Conc: 21.06 ug/ml



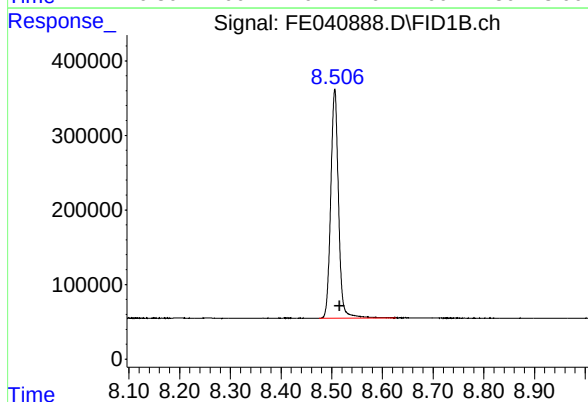
#4 n-Dodecane (C12)

R.T.: 6.679 min
Delta R.T.: -0.008 min
Response: 3252734
Conc: 21.25 ug/ml



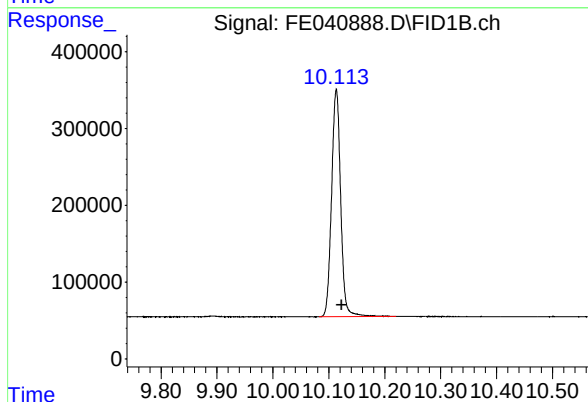
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: -0.016 min
Response: 3185935
Conc: 21.05 ug/ml



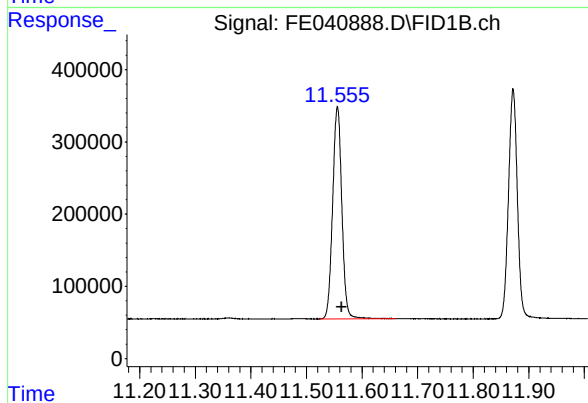
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.009 min
Response: 3266798
Conc: 21.14 ug/ml



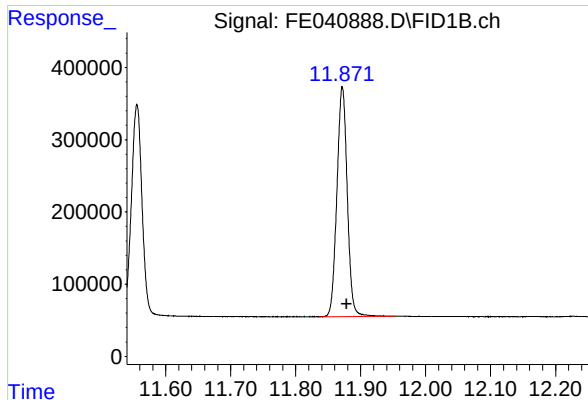
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.009 min
Response: 3345320
Conc: 20.71 ug/ml



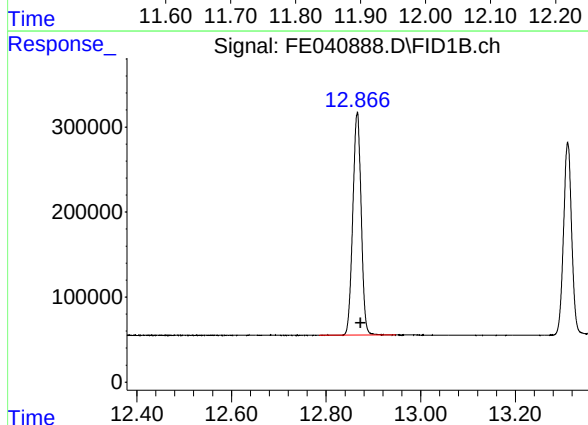
#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.008 min
Response: 3379636
Conc: 19.90 ug/ml



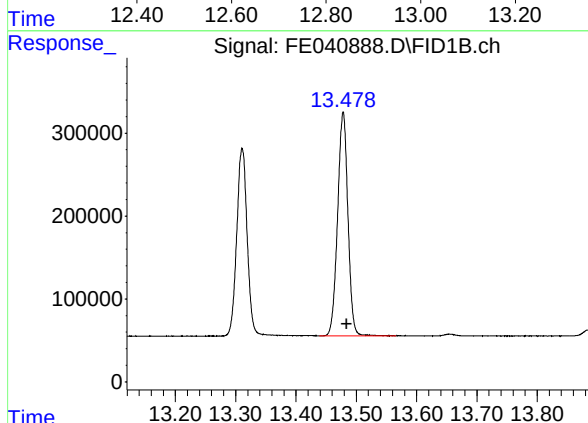
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: -0.007 min
Response: 3522653
Conc: 18.86 ug/ml



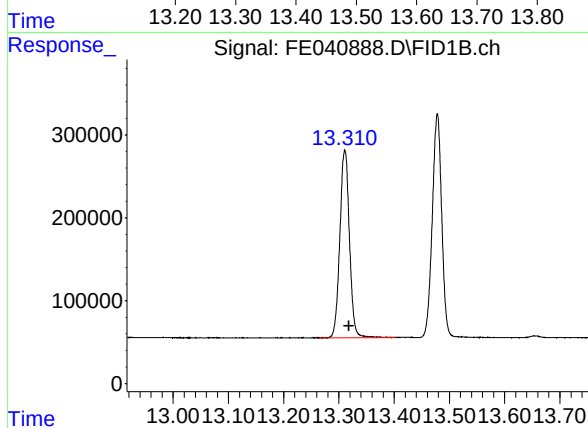
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: -0.007 min
Response: 3233187
Conc: 19.11 ug/ml



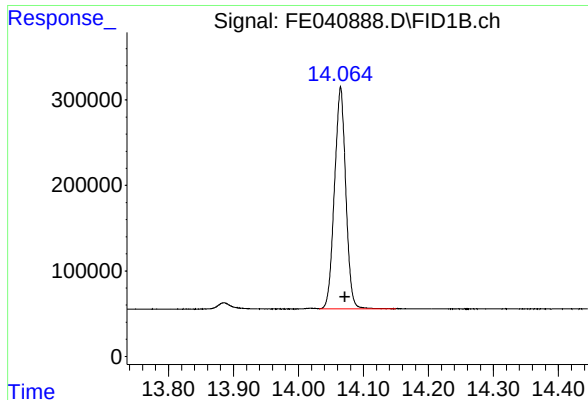
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.006 min
Response: 3209075
Conc: 18.73 ug/ml



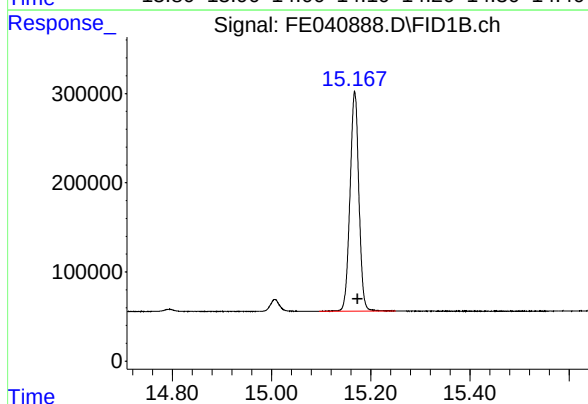
#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: -0.007 min
Response: 2731238
Conc: 18.45 ug/ml



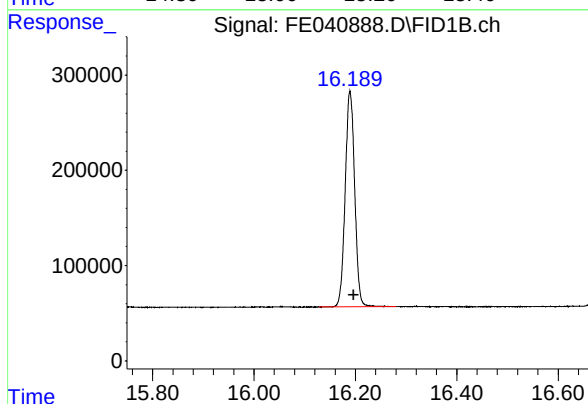
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.007 min
Response: 3136817
Conc: 18.31 ug/ml



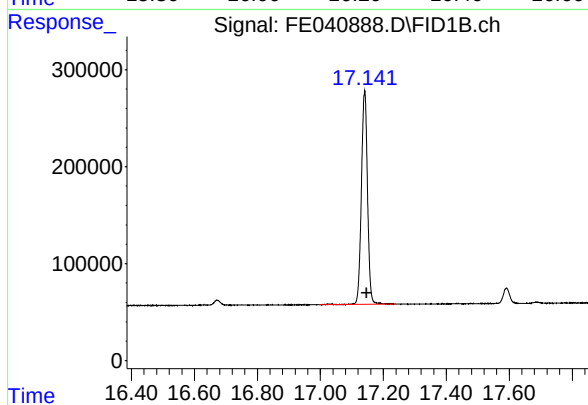
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.006 min
Response: 3065565
Conc: 17.78 ug/ml



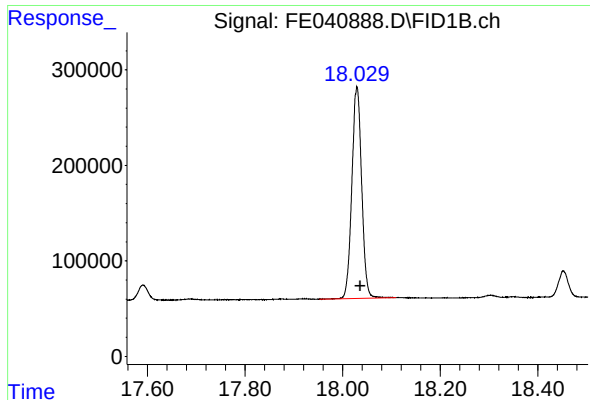
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 2944766
Conc: 17.33 ug/ml



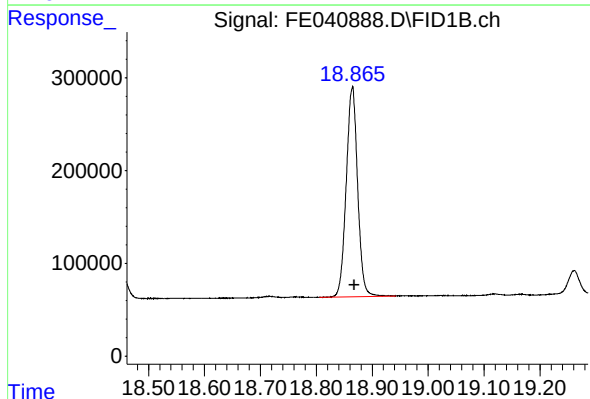
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: -0.006 min
Response: 2965980
Conc: 17.69 ug/ml



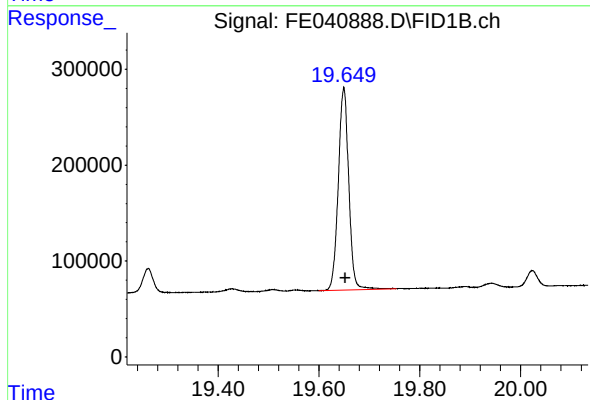
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.007 min
Response: 3080778
Conc: 18.87 ug/ml



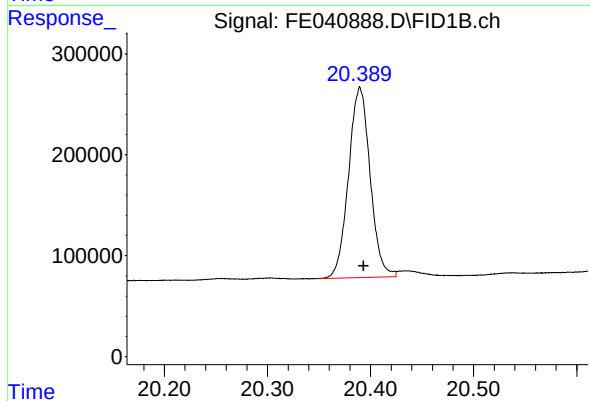
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: -0.004 min
Response: 3204323
Conc: 18.72 ug/ml



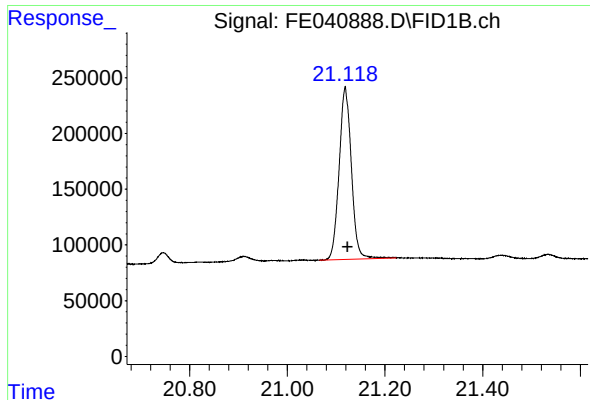
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: -0.003 min
Response: 3035608
Conc: 19.63 ug/ml



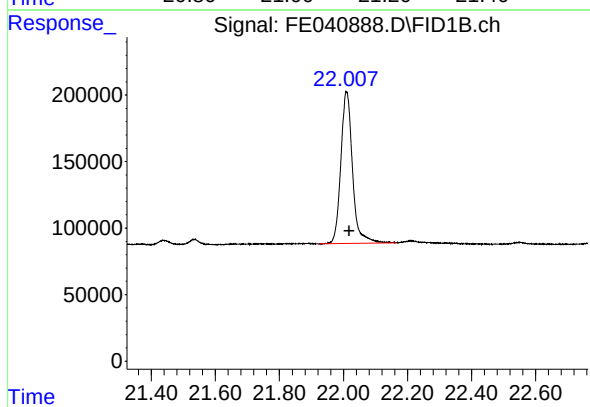
#20 n-Hexatriacontane (C36)

R.T.: 20.390 min
Delta R.T.: -0.004 min
Response: 2745267
Conc: 18.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: -0.005 min
Response: 2688375
Conc: 19.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.009 min
Response: 2891900
Conc: 18.72 ug/ml