

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030723AL\
 Data File : FE040687.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2023 09:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 22:27:49 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)	11.886	3507421	18.775 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.325	2705865	18.282 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.279	3003493	19.519 ug/ml
2) T n-Decane (C10)	4.527	2990888	19.880 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3302389	19.910 ug/ml
4) T n-Dodecane (C12)	6.692	3041837	19.870 ug/ml
5) T A~2-methylnaphthalene...	7.326	3078636	20.342 ug/ml
6) T n-Tetradecane (C14)	8.519	3088312	19.982 ug/ml
7) T n-Hexadecane (C16)	10.127	3195488	19.784 ug/ml
8) T n-Octadecane (C18)	11.570	3261548	19.209 ug/ml
10) T n-Eicosane (C20)	12.880	3188106	18.846 ug/ml
11) T n-Heneicosane (C21)	13.492	3174860	18.527 ug/ml
13) T n-Docosane (C22)	14.079	3175395	18.536 ug/ml
14) T n-Tetracosane (C24)	15.184	3190600	18.508 ug/ml
15) T n-Hexacosane (C26)	16.206	3151065	18.540 ug/ml
16) T n-Octacosane (C28)	17.157	3196005	19.057 ug/ml
17) T n-Tricontane (C30)	18.046	3264097	19.990 ug/ml
18) T n-Dotriacontane (C32)	18.880	3250729	18.993 ug/ml
19) T n-Tetratriacontane (C34)	19.665	3001707	19.415 ug/ml
20) T n-Hexatriacontane (C36)	20.407	2917602	20.083 ug/ml
21) T n-Octatriacontane (C38)	21.139	2713565	19.741 ug/ml
22) T n-Tetracontane (C40)	22.035	2699821	17.472 ug/mlm

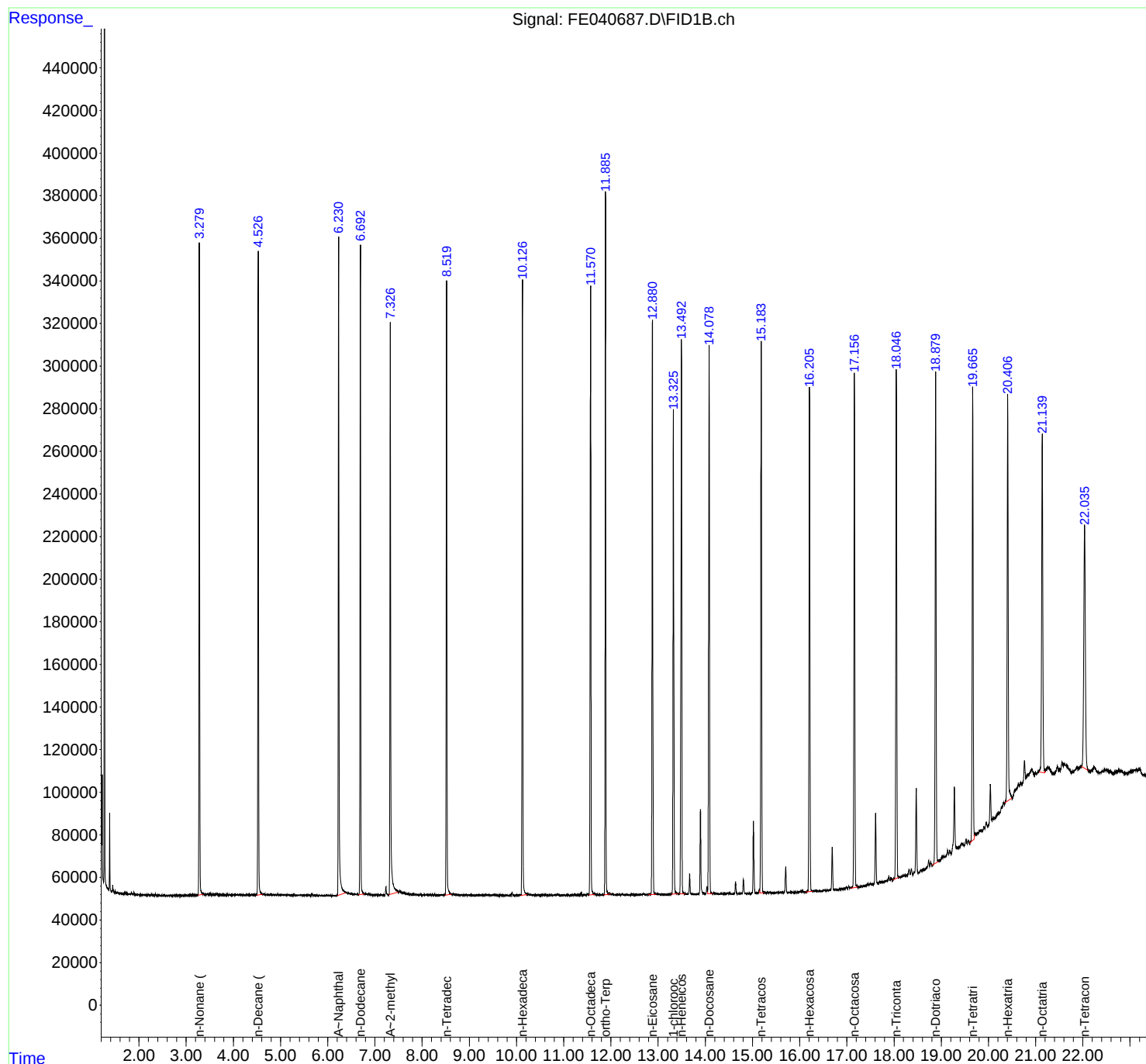
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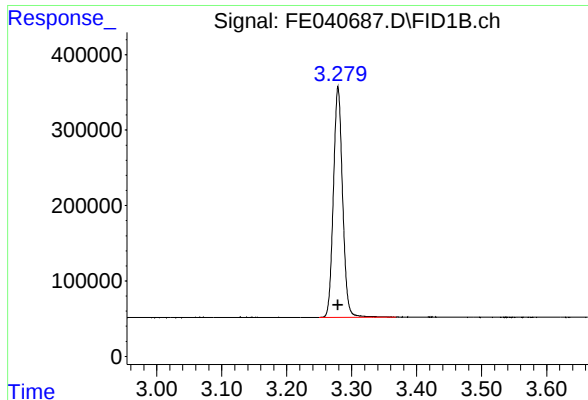
(m)=manual int.

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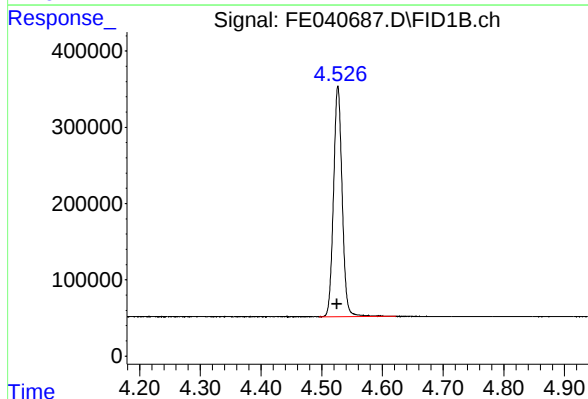
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





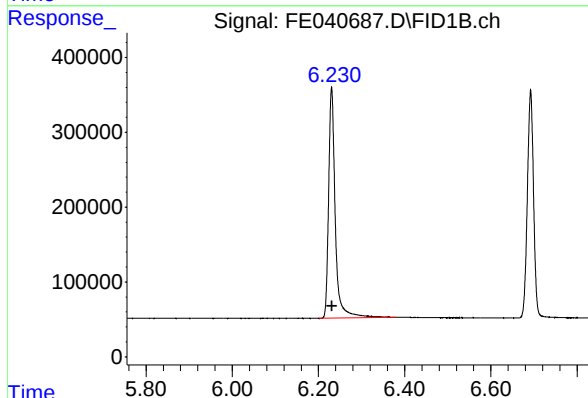
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 3003493
Conc: 19.52 ug/ml



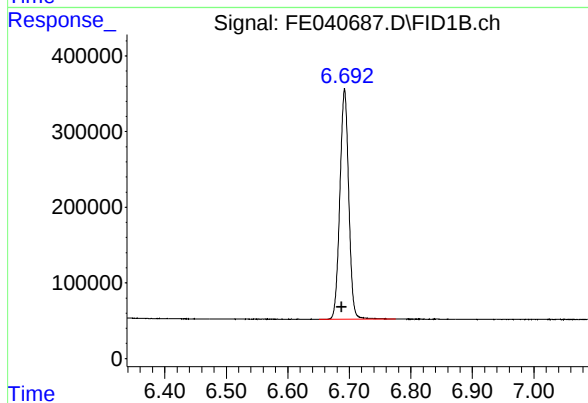
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 2990888
Conc: 19.88 ug/ml



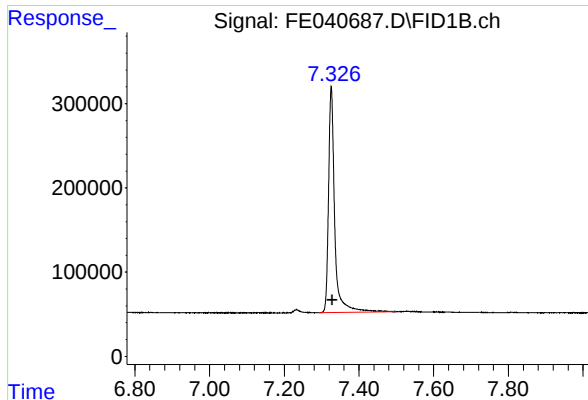
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 3302389
Conc: 19.91 ug/ml



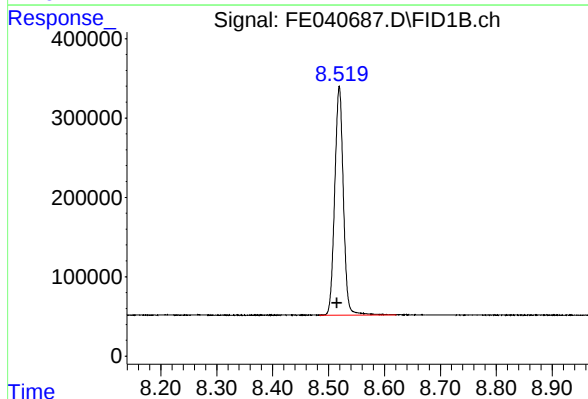
#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: 0.005 min
Response: 3041837
Conc: 19.87 ug/ml



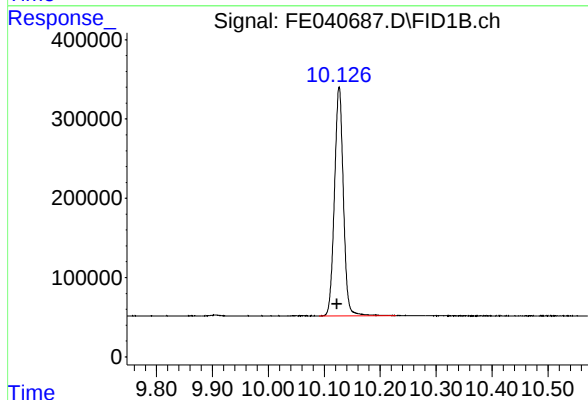
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 3078636
Conc: 20.34 ug/ml



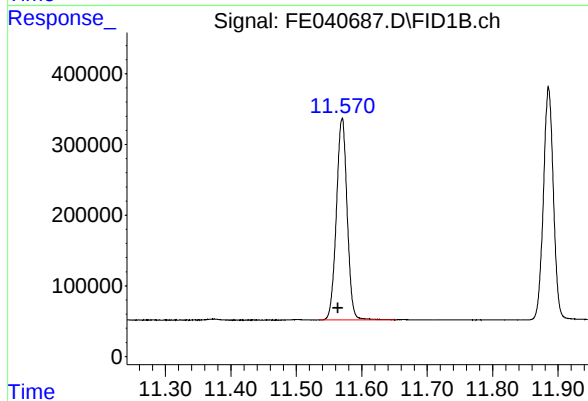
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: 0.004 min
Response: 3088312
Conc: 19.98 ug/ml



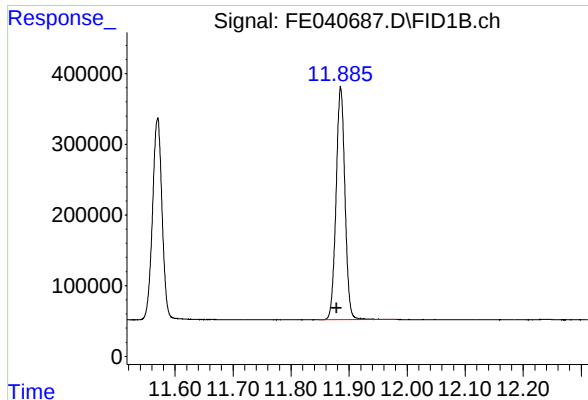
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.004 min
Response: 3195488
Conc: 19.78 ug/ml



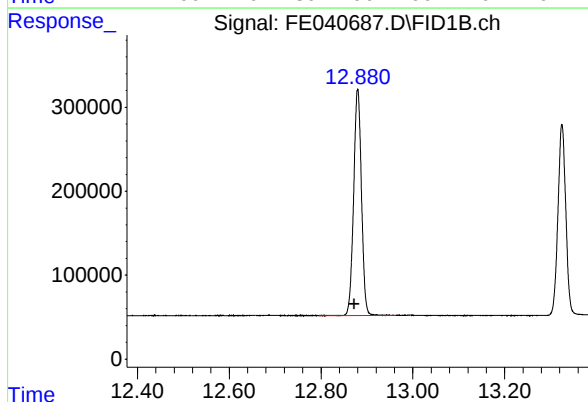
#8 n-Octadecane (C18)

R.T.: 11.570 min
Delta R.T.: 0.007 min
Response: 3261548
Conc: 19.21 ug/ml



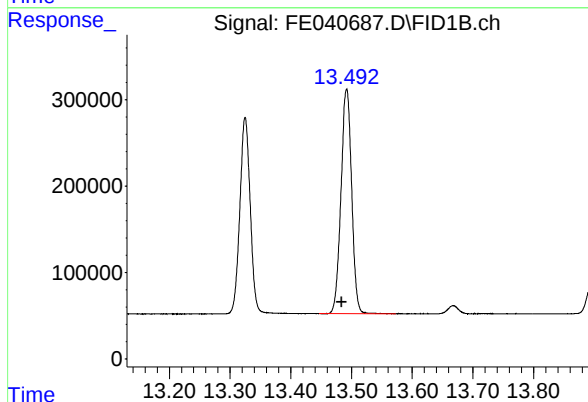
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: 0.007 min
Response: 3507421
Conc: 18.78 ug/ml



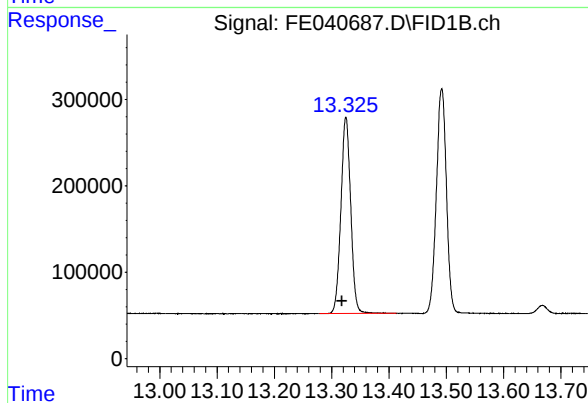
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: 0.007 min
Response: 3188106
Conc: 18.85 ug/ml



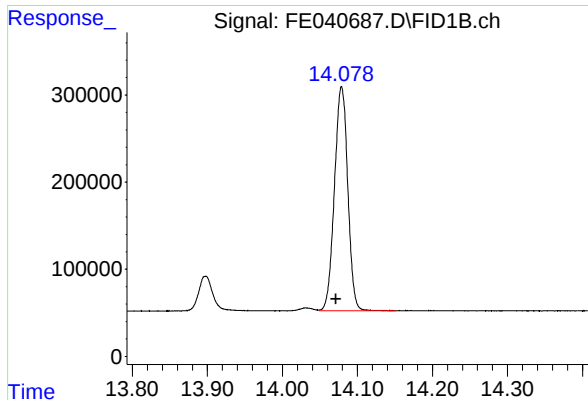
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: 0.008 min
Response: 3174860
Conc: 18.53 ug/ml



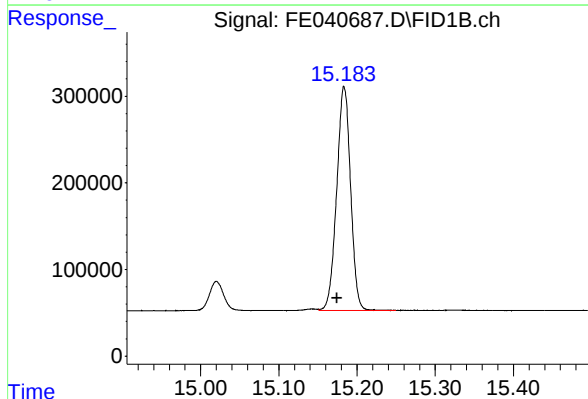
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: 0.007 min
Response: 2705865
Conc: 18.28 ug/ml



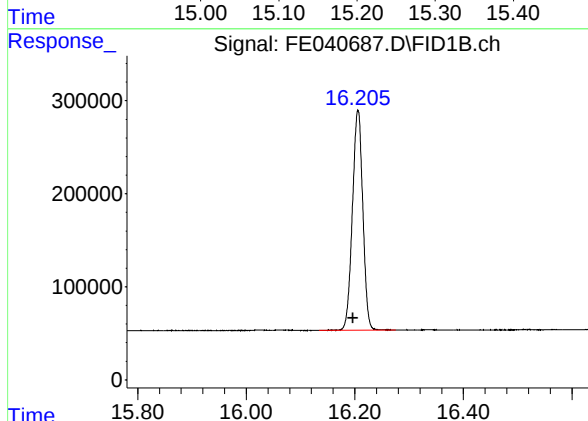
#13 n-Docosane (C22)

R.T.: 14.079 min
Delta R.T.: 0.007 min
Response: 3175395
Conc: 18.54 ug/ml



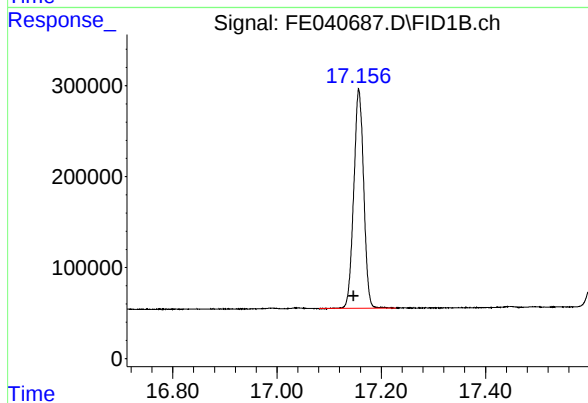
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: 0.009 min
Response: 3190600
Conc: 18.51 ug/ml



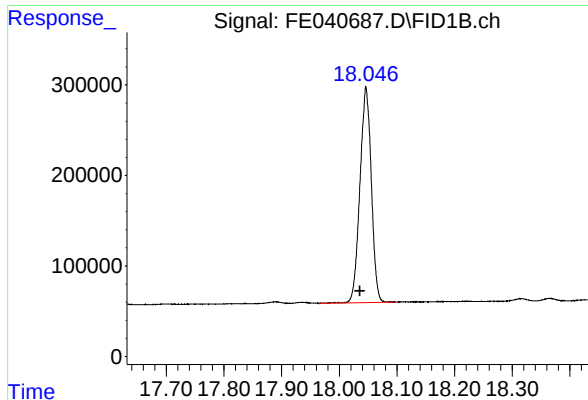
#15 n-Hexacosane (C26)

R.T.: 16.206 min
Delta R.T.: 0.009 min
Response: 3151065
Conc: 18.54 ug/ml



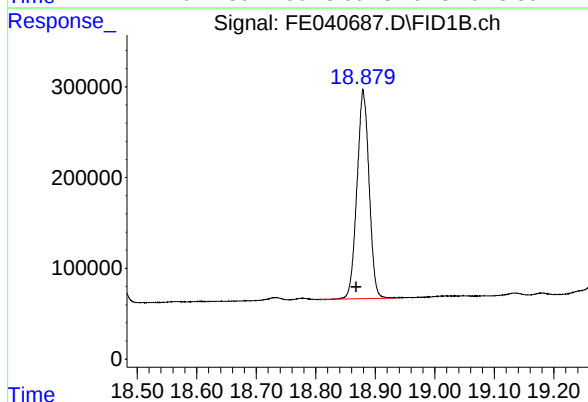
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: 0.010 min
Response: 3196005
Conc: 19.06 ug/ml



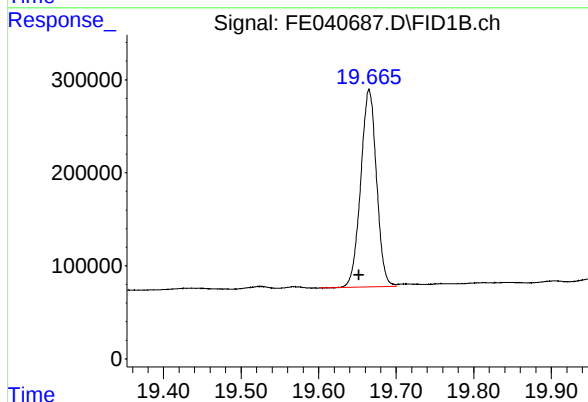
#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: 0.010 min
Response: 3264097
Conc: 19.99 ug/ml



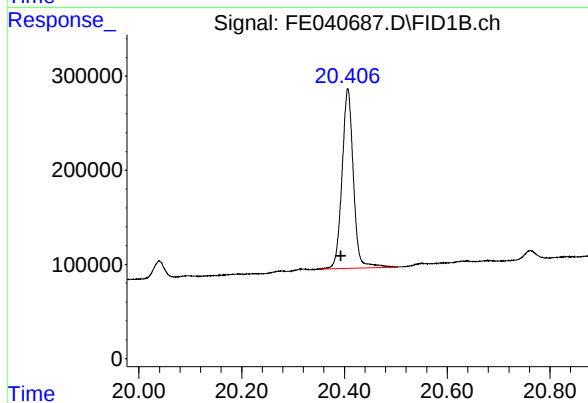
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: 0.011 min
Response: 3250729
Conc: 18.99 ug/ml



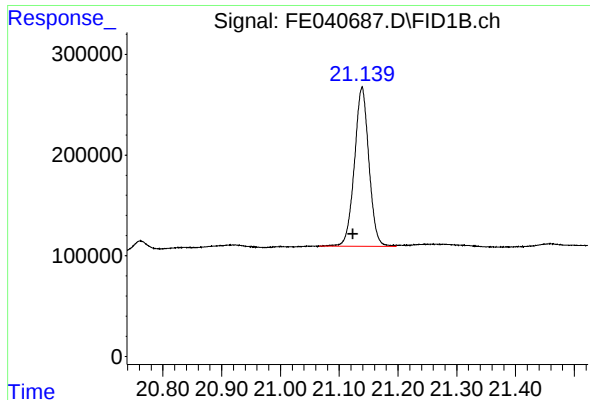
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: 0.013 min
Response: 3001707
Conc: 19.41 ug/ml



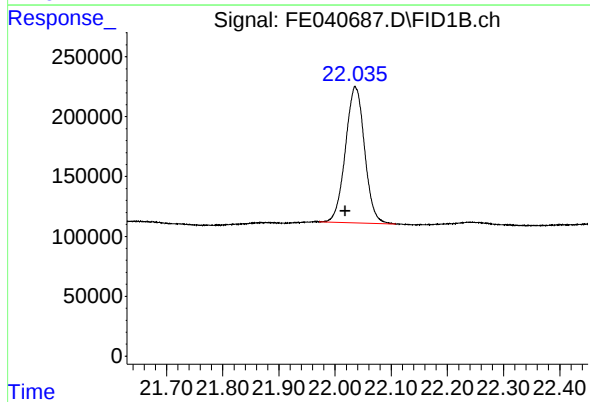
#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: 0.014 min
Response: 2917602
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: 0.015 min
Response: 2713565
Conc: 19.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: 0.017 min
Response: 2699821
Conc: 17.47 ug/ml m