

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072122AL\
 Data File : FE036616.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2022 10:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 21 12:13:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.854	3390670	18.205 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
12) S 1-chlorooctadecane (S...	13.294	2712292	17.827 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T n-Nonane (C9)	3.240	3071386	19.924 ug/ml
2) T n-Decane (C10)	4.495	3099178	20.105 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3431272	20.079 ug/ml
4) T n-Dodecane (C12)	6.664	3162025	20.133 ug/ml
5) T A~2-methylnaphthalene...	7.294	3430551	19.960 ug/ml
6) T n-Tetradecane (C14)	8.492	3233160	19.804 ug/ml
7) T n-Hexadecane (C16)	10.099	3195756	19.389 ug/ml
8) T n-Octadecane (C18)	11.541	3193476	18.791 ug/ml
10) T n-Eicosane (C20)	12.850	3092912	18.183 ug/ml
11) T n-Heneicosane (C21)	13.462	3055389	17.852 ug/ml
13) T n-Docosane (C22)	14.050	3012821	17.646 ug/ml
14) T n-Tetracosane (C24)	15.152	2945485	17.279 ug/ml
15) T n-Hexacosane (C26)	16.172	2827101	16.910 ug/ml
16) T n-Octacosane (C28)	17.124	2762502	16.914 ug/ml
17) T n-Tricontane (C30)	18.011	2627366	17.290 ug/ml
18) T n-Dotriacontane (C32)	18.846	2157844	17.942 ug/ml
19) T n-Tetratriacontane (C34)	19.628	1600113	19.214 ug/ml
20) T n-Hexatriacontane (C36)	20.368	1284042	21.868 ug/ml
21) T n-Octatriacontane (C38)	21.096	984256	19.631 ug/ml
22) T n-Tetracontane (C40)	21.985	1061329	20.552 ug/ml

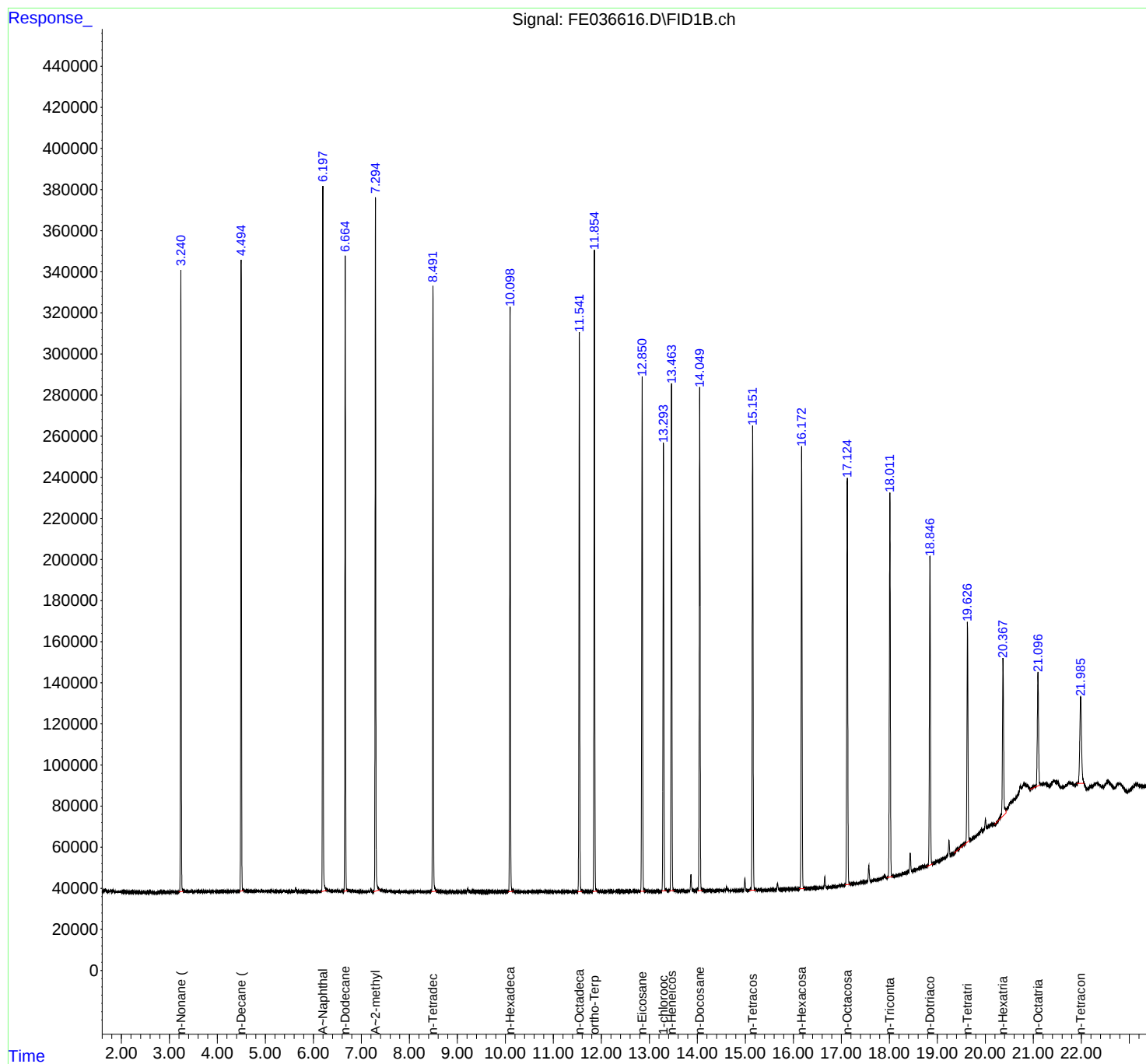
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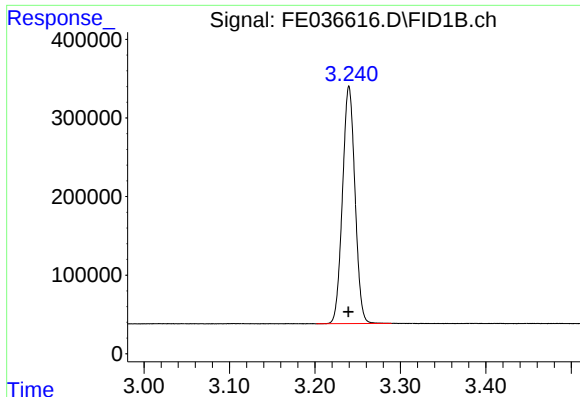
(m)=manual int.

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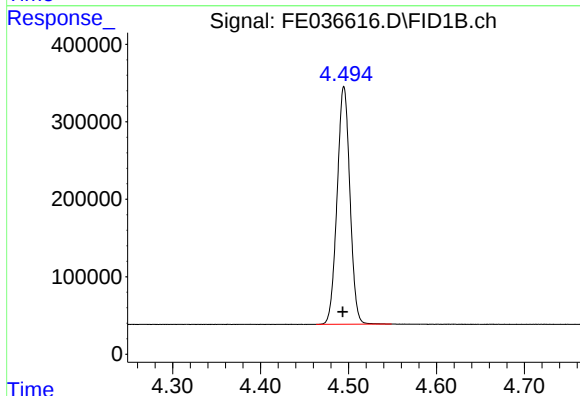
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Signal Info : 20M x 0.18mm x 0.18um





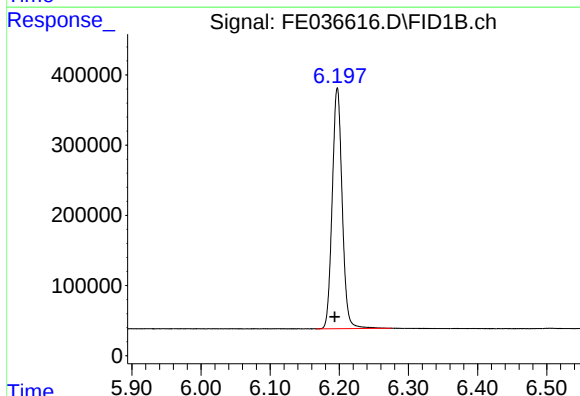
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 3071386
Conc: 19.92 ug/ml



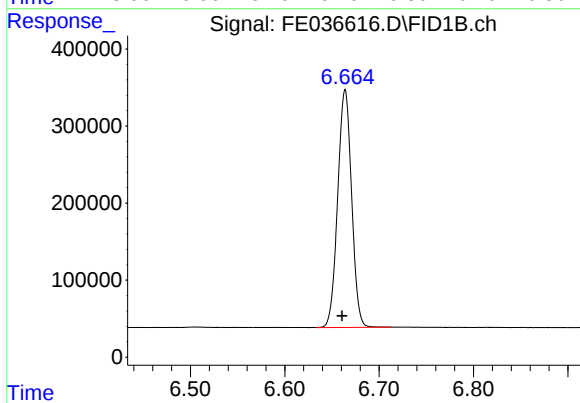
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: 0.002 min
Response: 3099178
Conc: 20.11 ug/ml



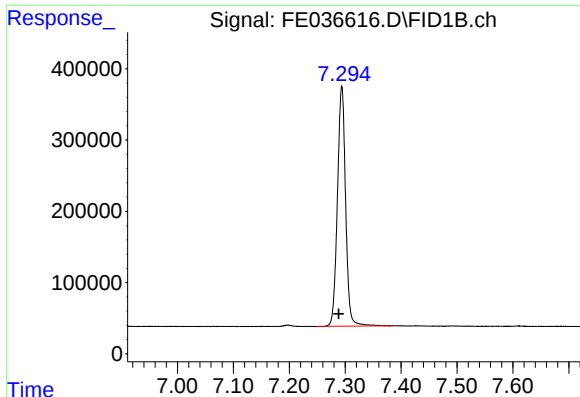
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 3431272
Conc: 20.08 ug/ml



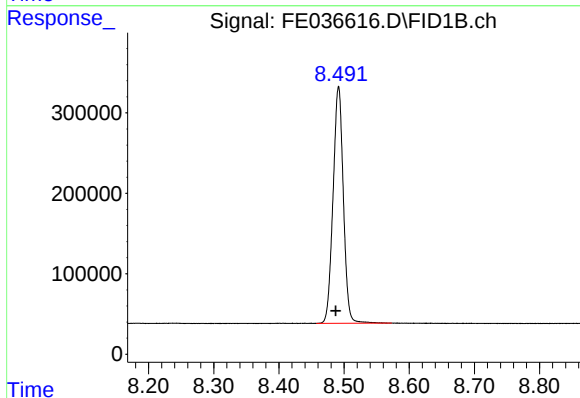
#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 3162025
Conc: 20.13 ug/ml



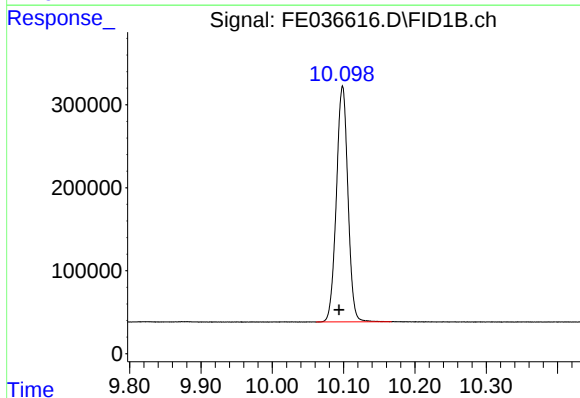
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: 0.006 min
Response: 3430551
Conc: 19.96 ug/ml



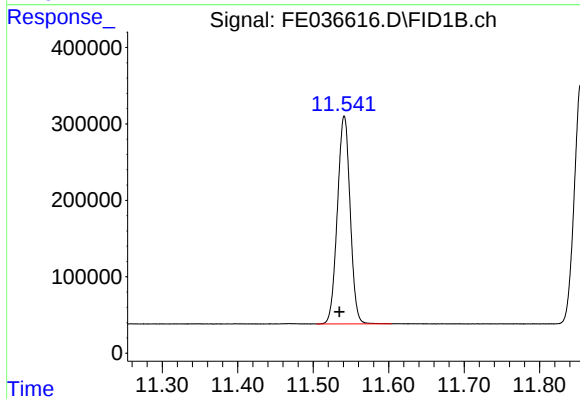
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: 0.004 min
Response: 3233160
Conc: 19.80 ug/ml



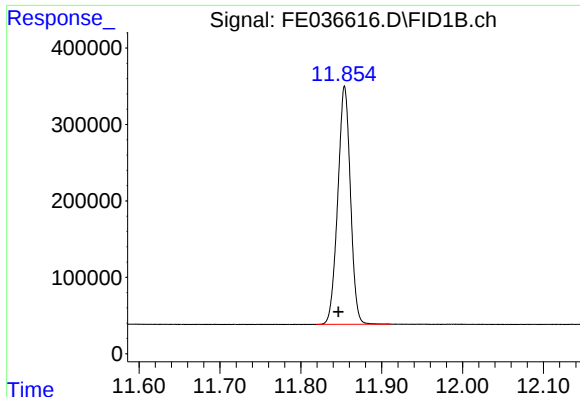
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: 0.005 min
Response: 3195756
Conc: 19.39 ug/ml



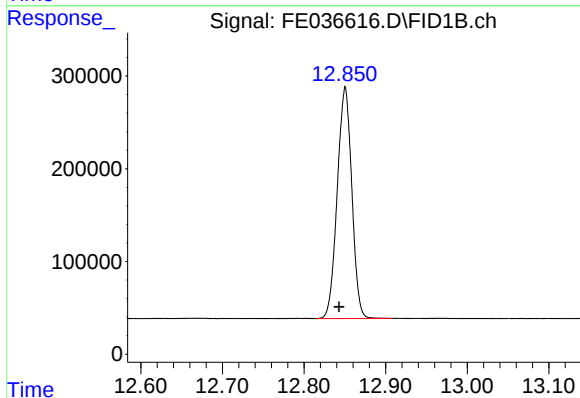
#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: 0.007 min
Response: 3193476
Conc: 18.79 ug/ml



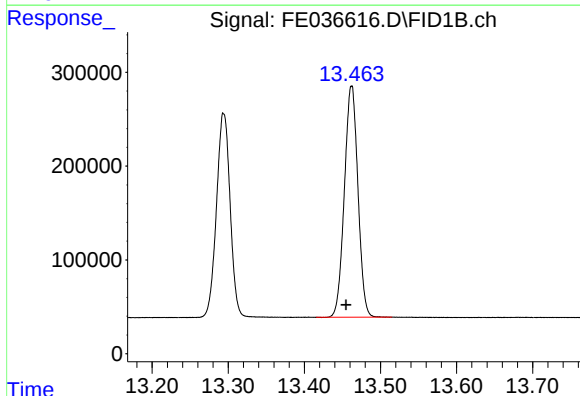
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.008 min
Response: 3390670
Conc: 18.21 ug/ml



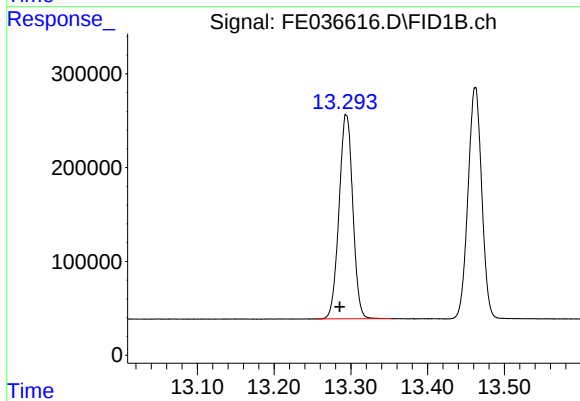
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: 0.007 min
Response: 3092912
Conc: 18.18 ug/ml



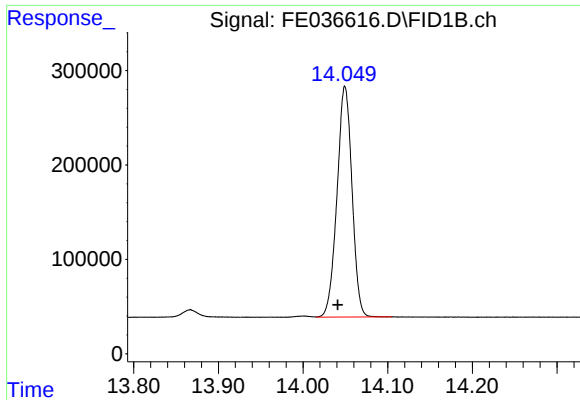
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.007 min
Response: 3055389
Conc: 17.85 ug/ml



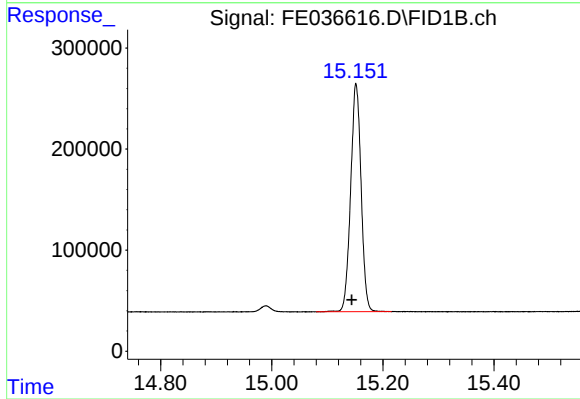
#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: 0.009 min
Response: 2712292
Conc: 17.83 ug/ml



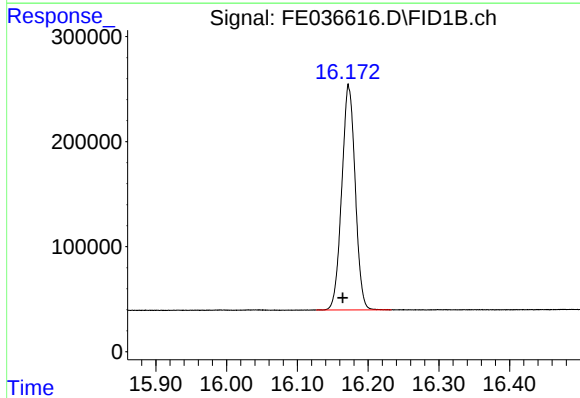
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.008 min
Response: 3012821
Conc: 17.65 ug/ml



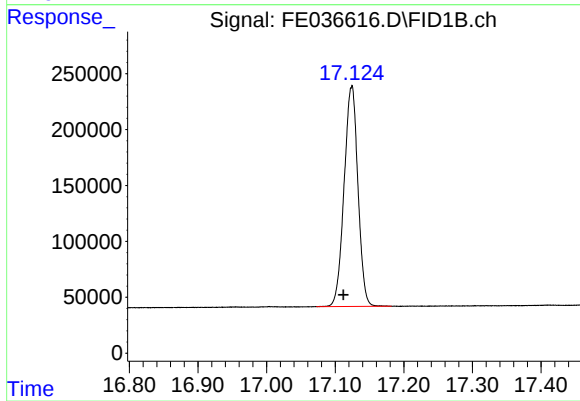
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: 0.008 min
Response: 2945485
Conc: 17.28 ug/ml



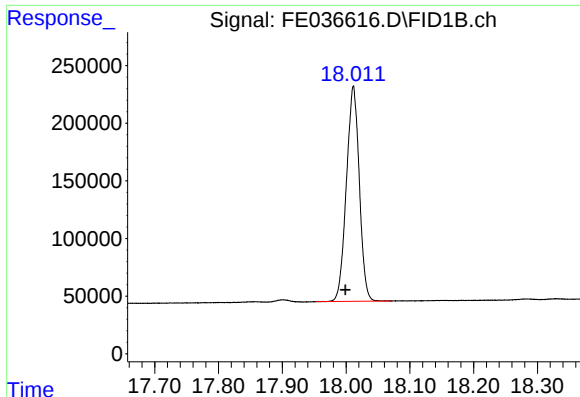
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 2827101
Conc: 16.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: 0.012 min
Response: 2762502
Conc: 16.91 ug/ml



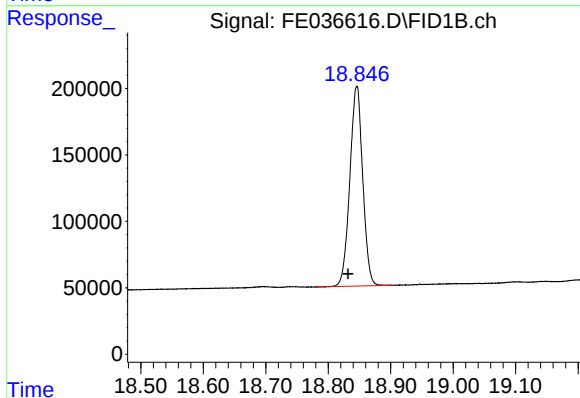
#17 n-Tricontane (C30)

R.T.: 18.011 min

Delta R.T.: 0.013 min

Response: 2627366

Conc: 17.29 ug/ml



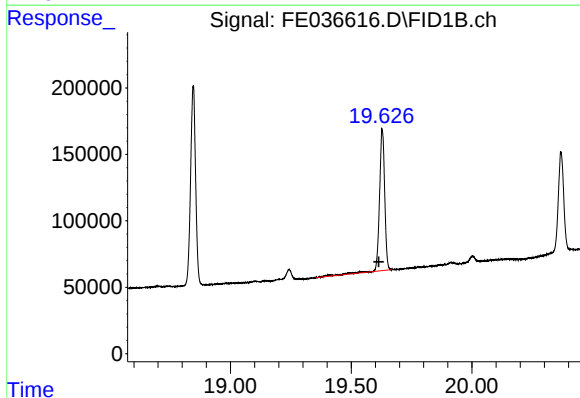
#18 n-Dotriacontane (C32)

R.T.: 18.846 min

Delta R.T.: 0.014 min

Response: 2157844

Conc: 17.94 ug/ml



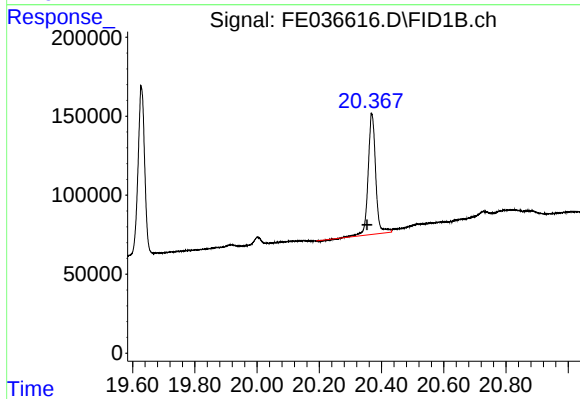
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min

Delta R.T.: 0.013 min

Response: 1600113

Conc: 19.21 ug/ml



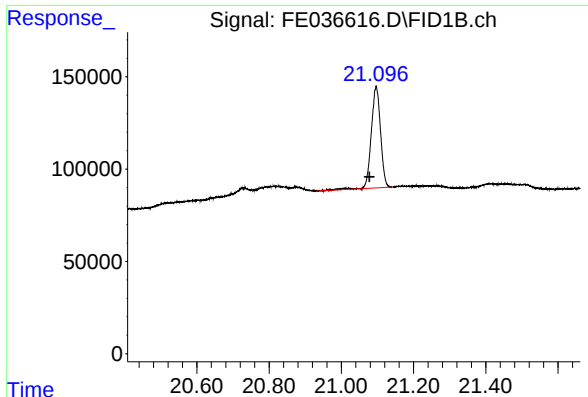
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min

Delta R.T.: 0.015 min

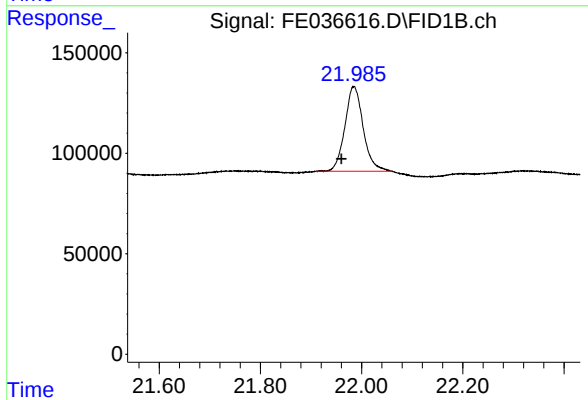
Response: 1284042

Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: 0.018 min
Response: 984256
Conc: 19.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: 0.024 min
Response: 1061329
Conc: 20.55 ug/ml