

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080522AL\
 Data File : FE036919.D
 Signal(s) : FID1B.ch
 Acq On : 06 Aug 2022 08:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 08:23:45 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)	11.833	3315063	17.799 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
12) S 1-chlorooctadecane (S...	13.273	2595241	17.058 ug/ml
Spiked Amount 50.000		Recovery =	34.12%
Target Compounds			
1) T n-Nonane (C9)	3.224	3055367	19.820 ug/ml
2) T n-Decane (C10)	4.478	3075666	19.953 ug/ml
3) T A~Naphthalene (C11.7)	6.181	3354684	19.631 ug/ml
4) T n-Dodecane (C12)	6.647	3128535	19.920 ug/ml
5) T A~2-methylnaphthalene...	7.276	3326720	19.356 ug/ml
6) T n-Tetradecane (C14)	8.473	3141157	19.241 ug/ml
7) T n-Hexadecane (C16)	10.079	3098184	18.797 ug/ml
8) T n-Octadecane (C18)	11.521	3082867	18.140 ug/ml
10) T n-Eicosane (C20)	12.829	2982517	17.534 ug/ml
11) T n-Heneicosane (C21)	13.441	2934501	17.145 ug/ml
13) T n-Docosane (C22)	14.027	2912606	17.059 ug/ml
14) T n-Tetracosane (C24)	15.130	2902149	17.025 ug/ml
15) T n-Hexacosane (C26)	16.153	2784217	16.653 ug/ml
16) T n-Octacosane (C28)	17.101	2792448	17.097 ug/ml
17) T n-Tricontane (C30)	17.989	2736831	18.010 ug/ml
18) T n-Dotriacontane (C32)	18.822	2323893	19.322 ug/ml
19) T n-Tetratriacontane (C34)	19.606	1699122	20.403 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	1326476	22.591 ug/mlm
21) T n-Octatriacontane (C38)	21.071	1075226	21.445 ug/mlm
22) T n-Tetracontane (C40)	21.953	1130800	21.897 ug/mlm

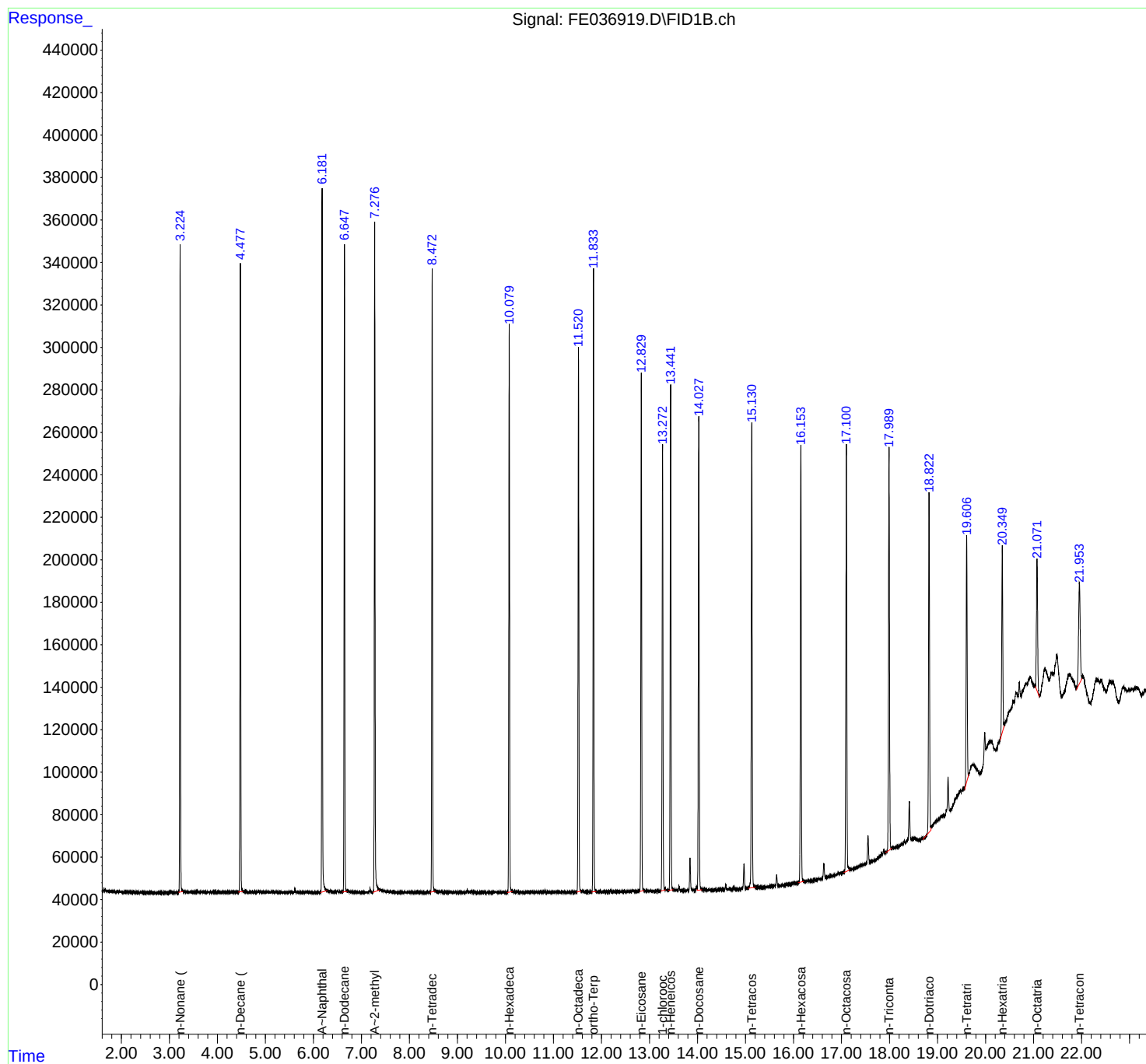
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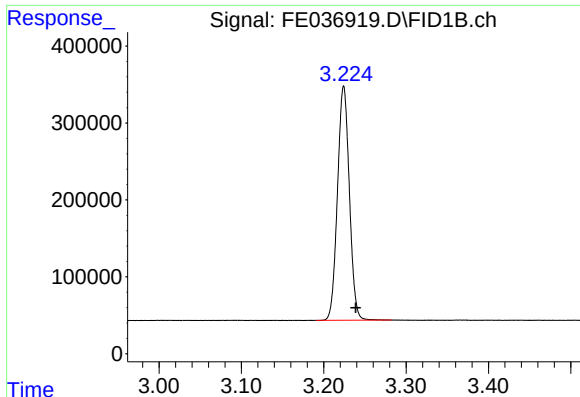
(m)=manual int.

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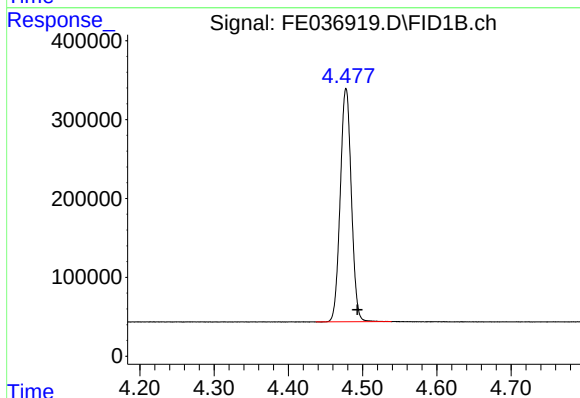
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Signal Info : 20M x 0.18mm x 0.18um





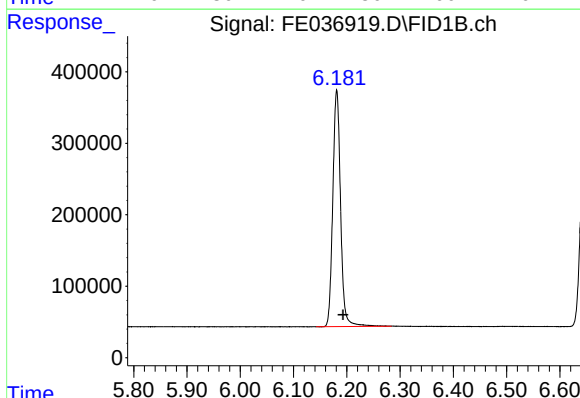
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: -0.015 min
Response: 3055367
Conc: 19.82 ug/ml



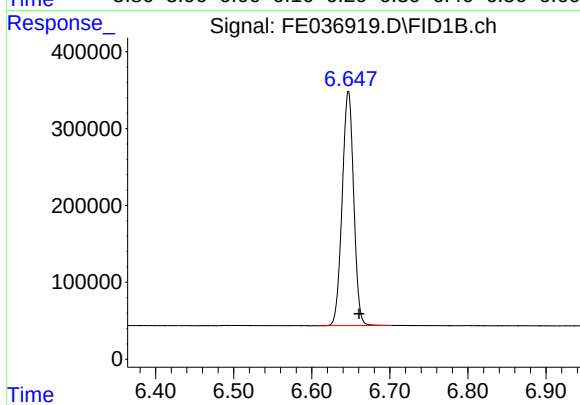
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.016 min
Response: 3075666
Conc: 19.95 ug/ml



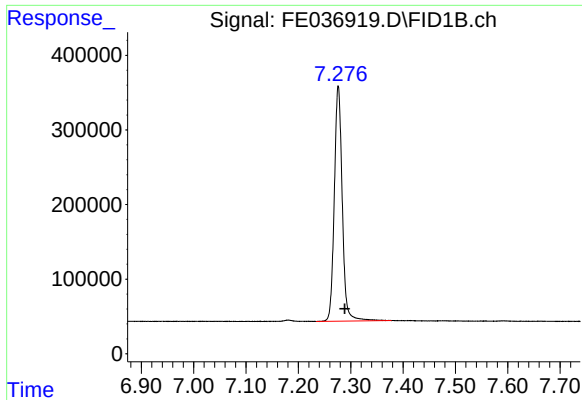
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 3354684
Conc: 19.63 ug/ml



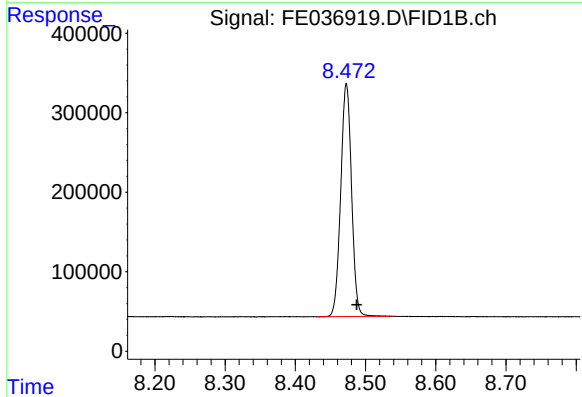
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.014 min
Response: 3128535
Conc: 19.92 ug/ml



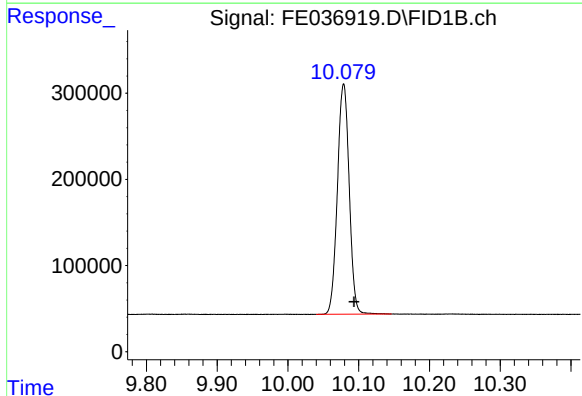
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 3326720
Conc: 19.36 ug/ml



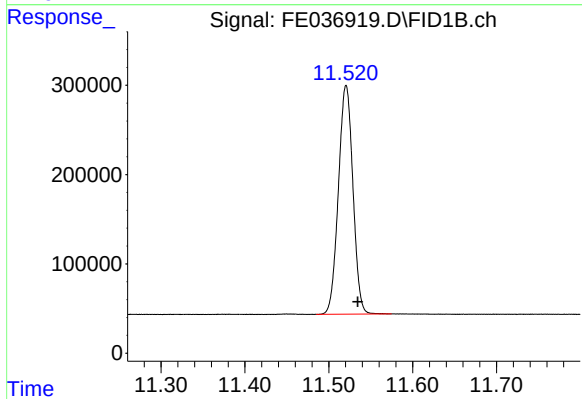
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 3141157
Conc: 19.24 ug/ml



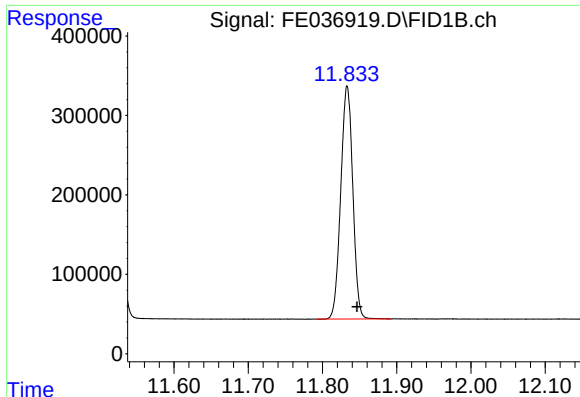
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.015 min
Response: 3098184
Conc: 18.80 ug/ml



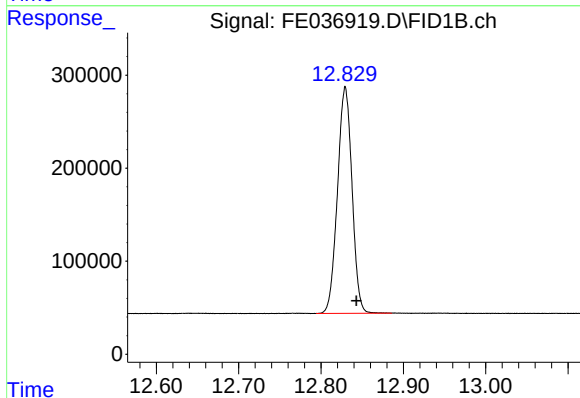
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 3082867
Conc: 18.14 ug/ml



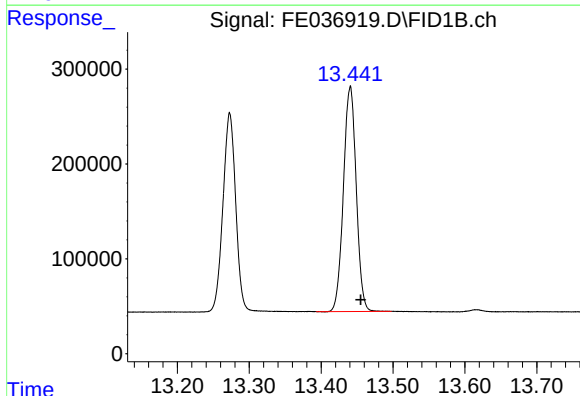
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.013 min
Response: 3315063
Conc: 17.80 ug/ml



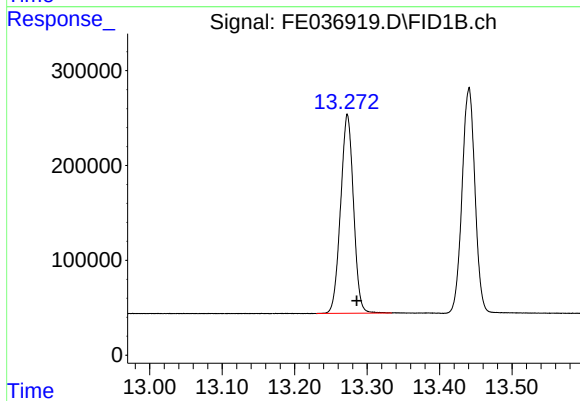
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.014 min
Response: 2982517
Conc: 17.53 ug/ml



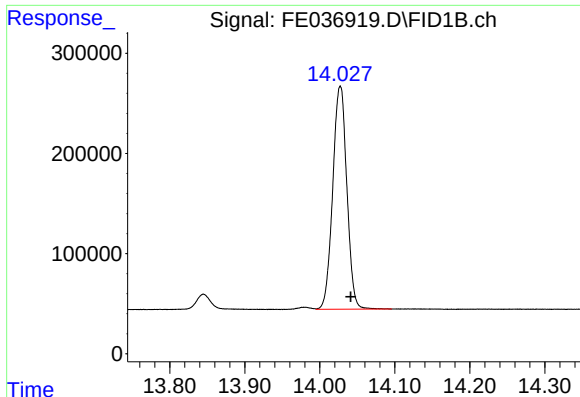
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 2934501
Conc: 17.15 ug/ml



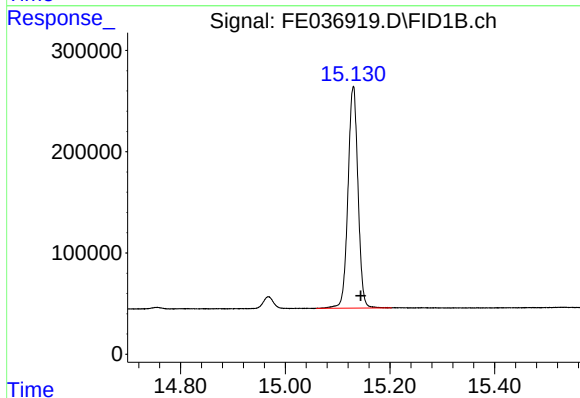
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.013 min
Response: 2595241
Conc: 17.06 ug/ml



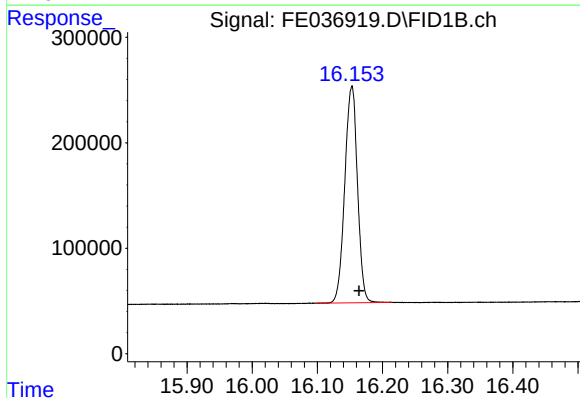
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.014 min
Response: 2912606
Conc: 17.06 ug/ml



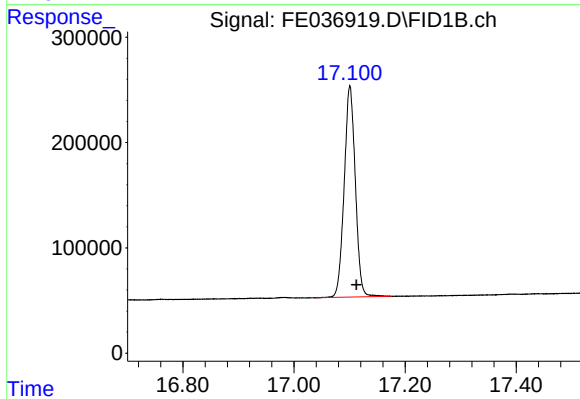
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 2902149
Conc: 17.03 ug/ml



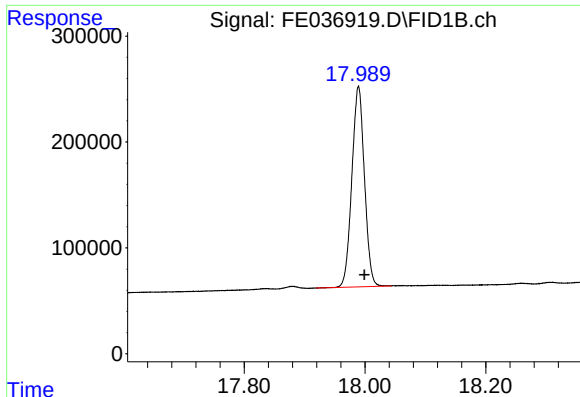
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 2784217
Conc: 16.65 ug/ml



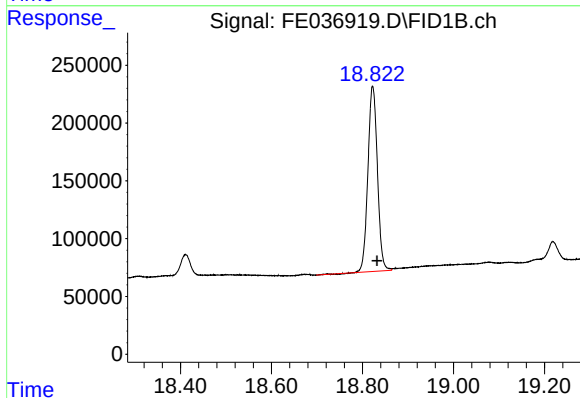
#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.012 min
Response: 2792448
Conc: 17.10 ug/ml



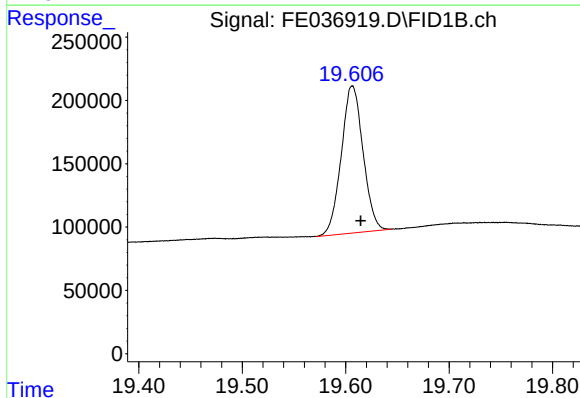
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: -0.010 min
Response: 2736831
Conc: 18.01 ug/ml



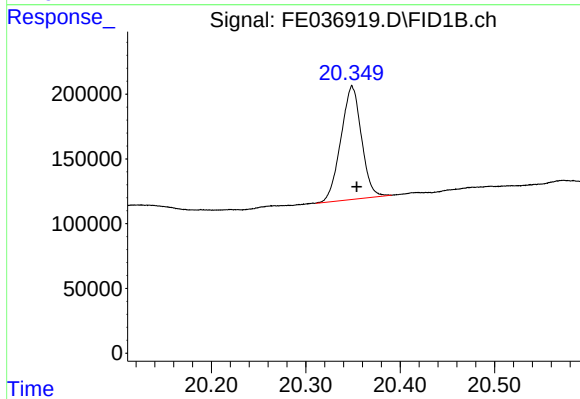
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.010 min
Response: 2323893
Conc: 19.32 ug/ml



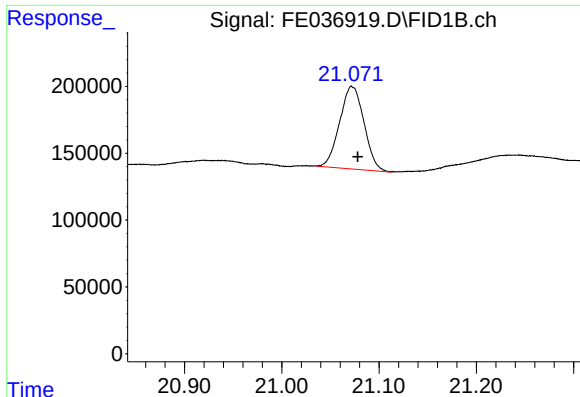
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.009 min
Response: 1699122
Conc: 20.40 ug/ml m



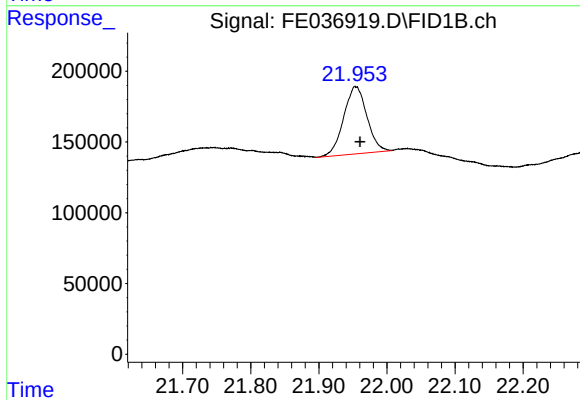
#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.005 min
Response: 1326476
Conc: 22.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.007 min
Response: 1075226
Conc: 21.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.008 min
Response: 1130800
Conc: 21.90 ug/ml m