

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080522AL\
 Data File : FE036888.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2022 10:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 02:26:08 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	3317271	17.811 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
12) S 1-chlorooctadecane (S...	13.274	2603604	17.113 ug/ml
Spiked Amount 50.000		Recovery =	34.23%
Target Compounds			
1) T n-Nonane (C9)	3.225	3032940	19.674 ug/ml
2) T n-Decane (C10)	4.479	3055574	19.822 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3321046	19.434 ug/ml
4) T n-Dodecane (C12)	6.647	3105541	19.773 ug/ml
5) T A~2-methylnaphthalene...	7.277	3299989	19.201 ug/ml
6) T n-Tetradecane (C14)	8.473	3135256	19.204 ug/ml
7) T n-Hexadecane (C16)	10.079	3080469	18.689 ug/ml
8) T n-Octadecane (C18)	11.521	3075372	18.096 ug/ml
10) T n-Eicosane (C20)	12.830	2979441	17.516 ug/ml
11) T n-Heneicosane (C21)	13.442	2943866	17.200 ug/ml
13) T n-Docosane (C22)	14.027	2912614	17.059 ug/ml
14) T n-Tetracosane (C24)	15.130	2892555	16.969 ug/ml
15) T n-Hexacosane (C26)	16.154	2772796	16.585 ug/ml
16) T n-Octacosane (C28)	17.103	2750294	16.839 ug/ml
17) T n-Tricontane (C30)	17.991	2671998	17.584 ug/ml
18) T n-Dotriacontane (C32)	18.823	2236130	18.593 ug/mlm
19) T n-Tetratriacontane (C34)	19.606	1667266	20.021 ug/mlm
20) T n-Hexatriacontane (C36)	20.346	1264191	21.530 ug/mlm
21) T n-Octatriacontane (C38)	21.074	1203321	24.000 ug/mlm
22) T n-Tetracontane (C40)	21.955	1152256	22.312 ug/mlm

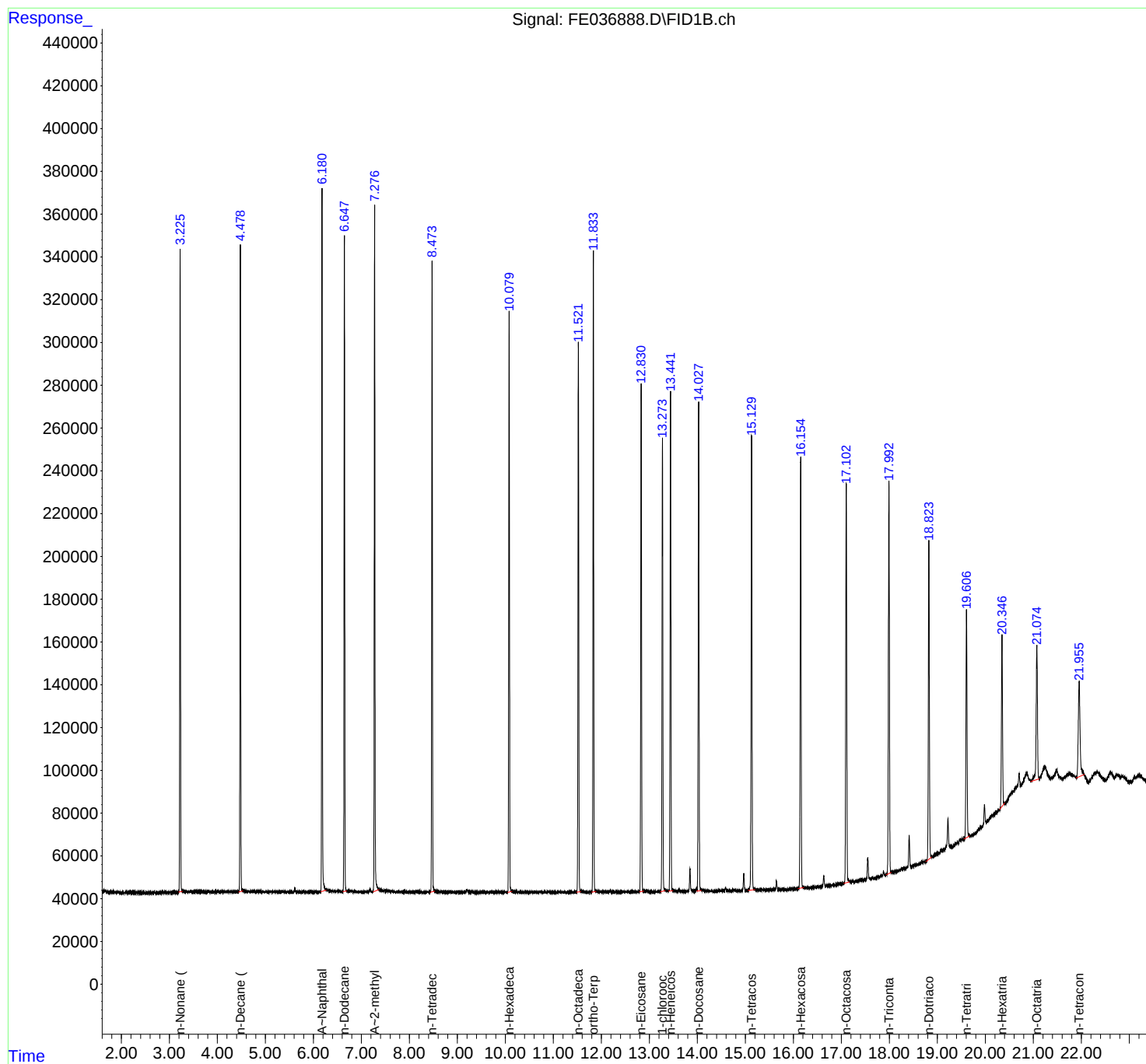
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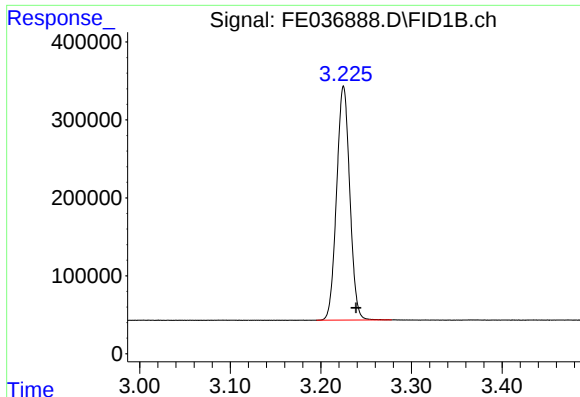
(m)=manual int.

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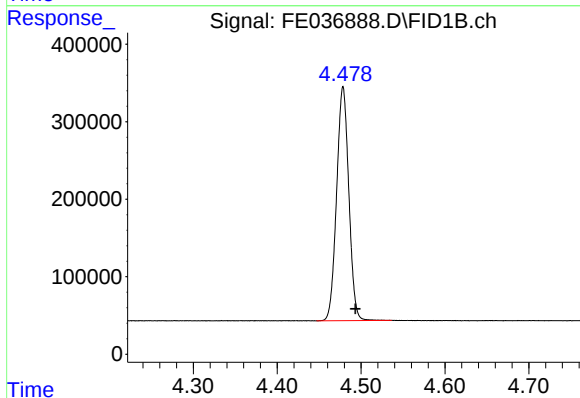
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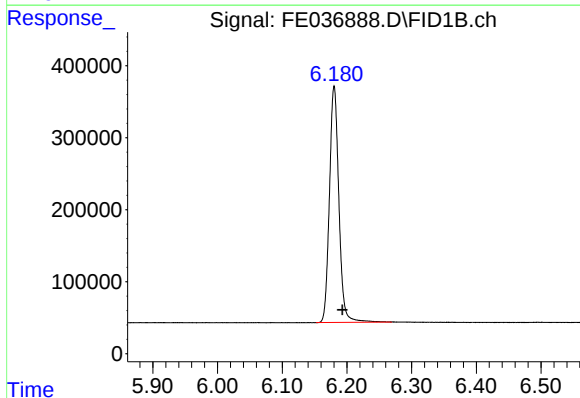
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 3032940
Conc: 19.67 ug/ml



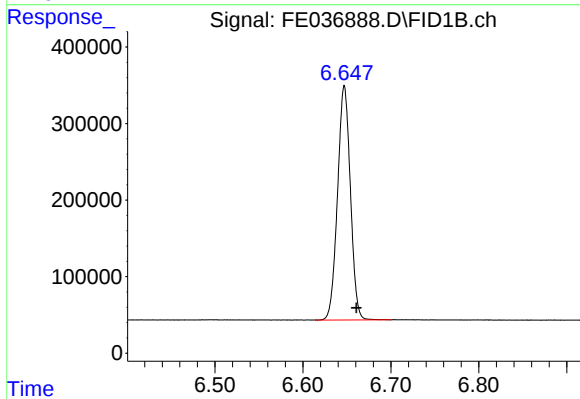
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.015 min
Response: 3055574
Conc: 19.82 ug/ml



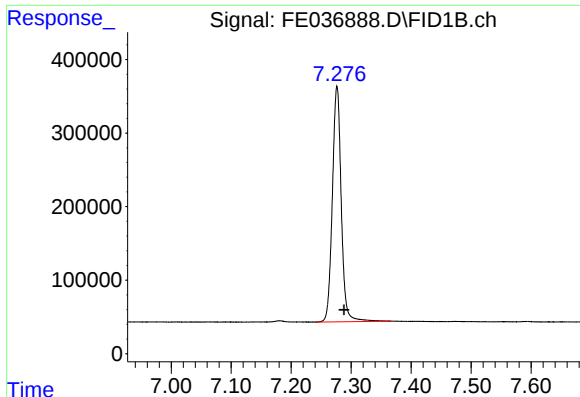
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.013 min
Response: 3321046
Conc: 19.43 ug/ml



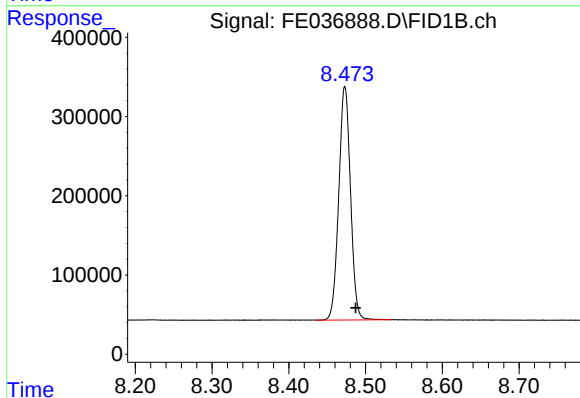
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.014 min
Response: 3105541
Conc: 19.77 ug/ml



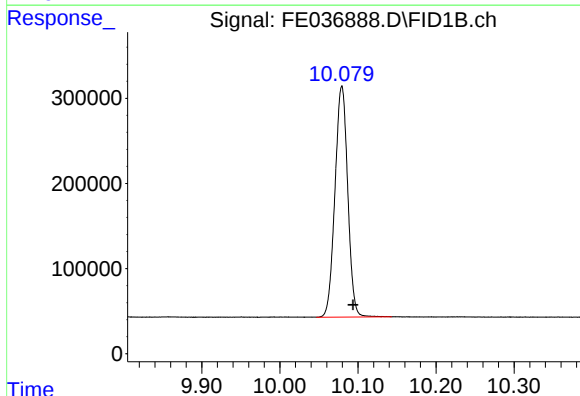
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.012 min
Response: 3299989
Conc: 19.20 ug/ml



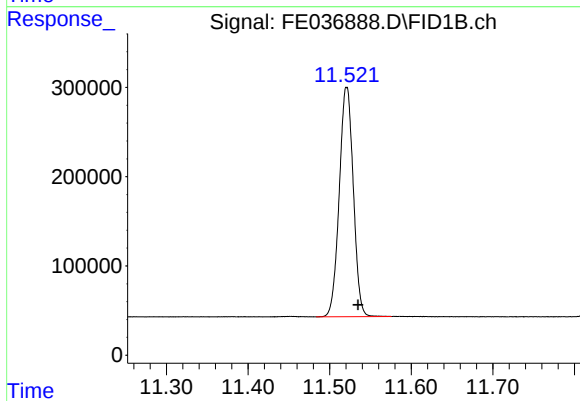
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.014 min
Response: 3135256
Conc: 19.20 ug/ml



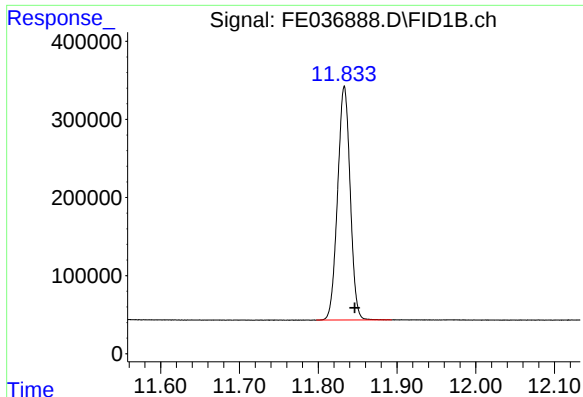
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.014 min
Response: 3080469
Conc: 18.69 ug/ml



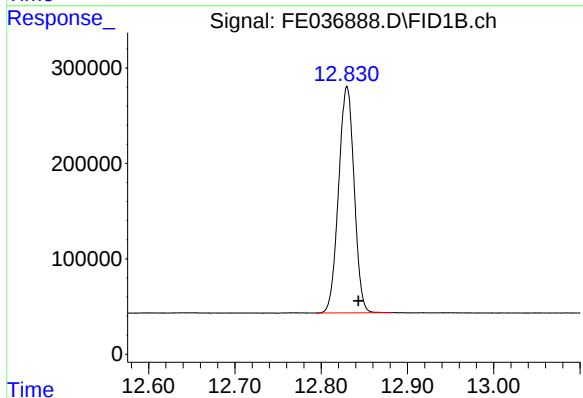
#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.014 min
Response: 3075372
Conc: 18.10 ug/ml



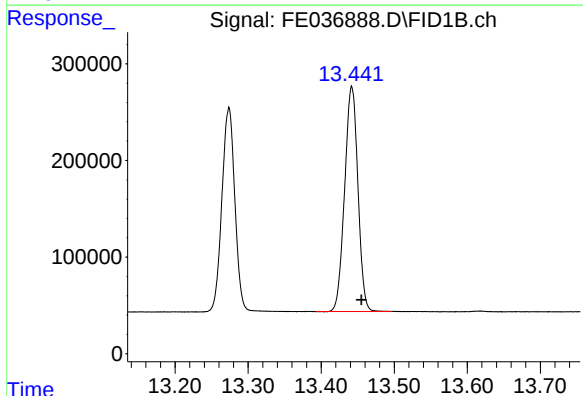
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.013 min
Response: 3317271
Conc: 17.81 ug/ml



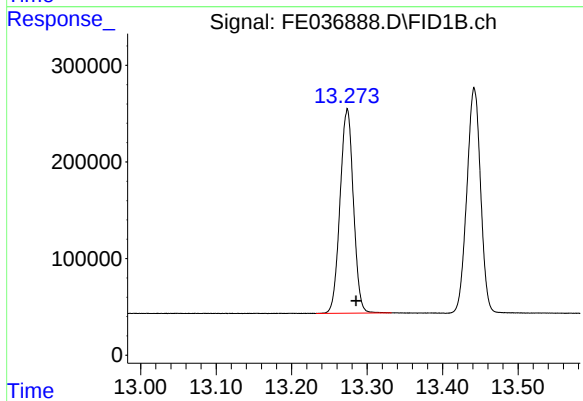
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.013 min
Response: 2979441
Conc: 17.52 ug/ml



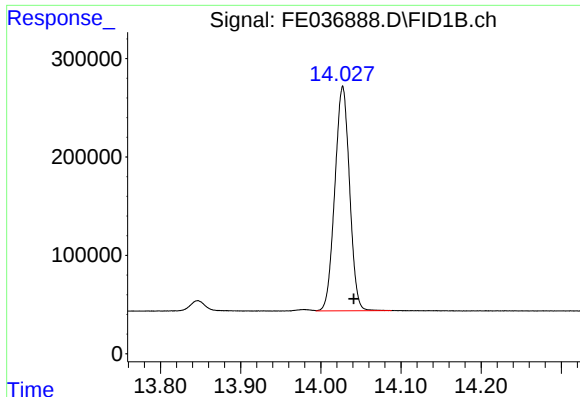
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.013 min
Response: 2943866
Conc: 17.20 ug/ml



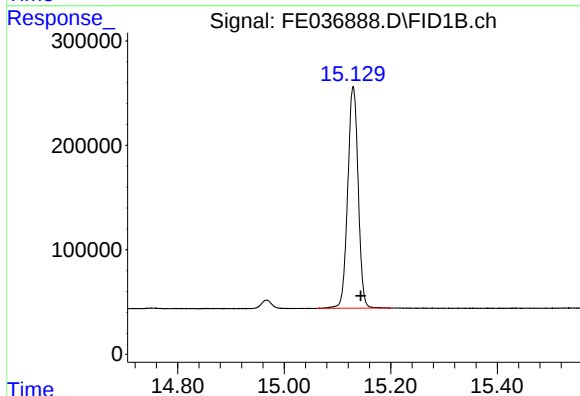
#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.012 min
Response: 2603604
Conc: 17.11 ug/ml



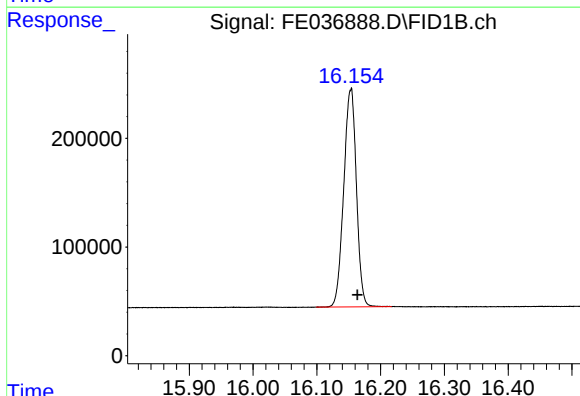
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.014 min
Response: 2912614
Conc: 17.06 ug/ml



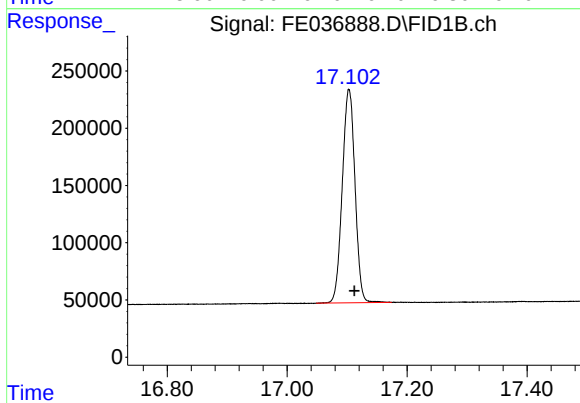
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 2892555
Conc: 16.97 ug/ml



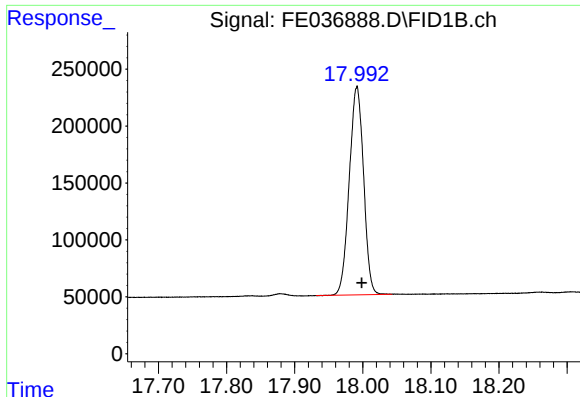
#15 n-Hexacosane (C26)

R.T.: 16.154 min
Delta R.T.: -0.010 min
Response: 2772796
Conc: 16.58 ug/ml



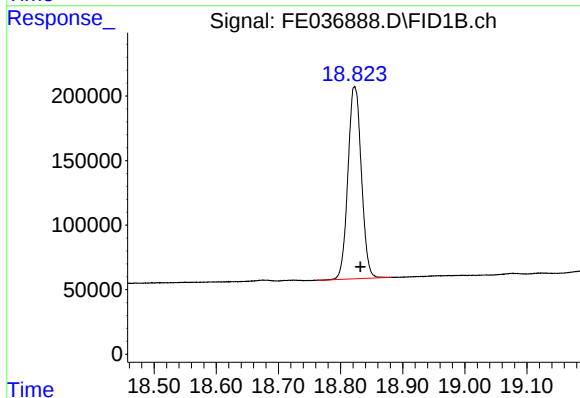
#16 n-Octacosane (C28)

R.T.: 17.103 min
Delta R.T.: -0.009 min
Response: 2750294
Conc: 16.84 ug/ml



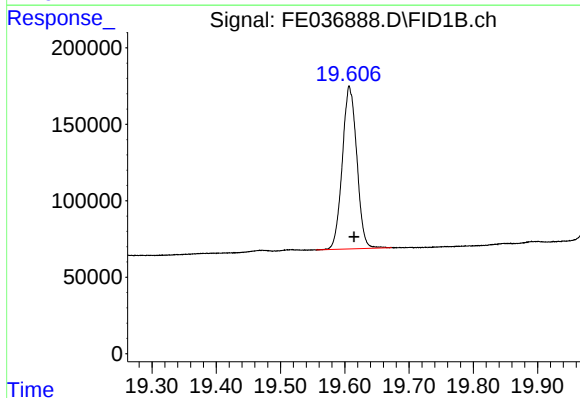
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.007 min
Response: 2671998
Conc: 17.58 ug/ml



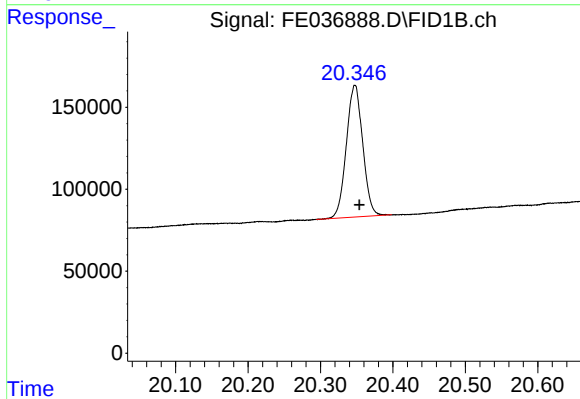
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.009 min
Response: 2236130
Conc: 18.59 ug/ml m



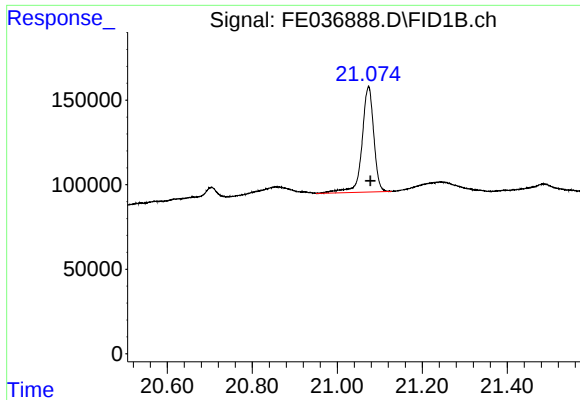
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.008 min
Response: 1667266
Conc: 20.02 ug/ml m



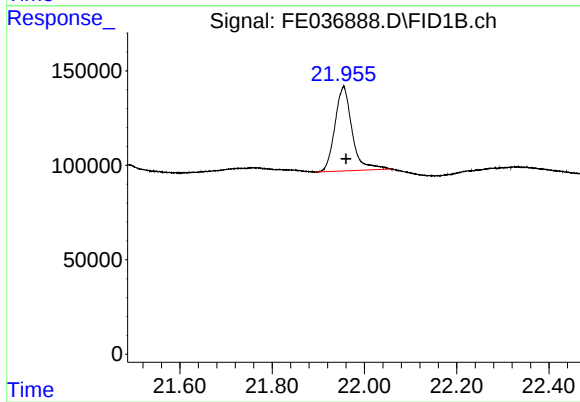
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.008 min
Response: 1264191
Conc: 21.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.005 min
Response: 1203321
Conc: 24.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.005 min
Response: 1152256
Conc: 22.31 ug/ml m