

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031524AL\
 Data File : FC066016.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2024 12:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 23:29:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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)	11.472	3579230	18.315 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
12) S 1-chlorooctadecane (S...	12.898	2678199	18.370 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T n-Nonane (C9)	3.281	3143752	18.817 ug/ml
2) T n-Decane (C10)	4.341	3228799	18.617 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3463607	19.301 ug/ml
4) T n-Dodecane (C12)	6.349	3317355	18.825 ug/ml
5) T A~2-methylnaphthalene...	6.985	3069105	18.018 ug/ml
6) T n-Tetradecane (C14)	8.134	3148675	18.107 ug/mlm
7) T n-Hexadecane (C16)	9.725	3274999	18.332 ug/ml
8) T n-Octadecane (C18)	11.156	3321613	18.274 ug/ml
10) T n-Eicosane (C20)	12.456	3223133	18.459 ug/ml
11) T n-Heneicosane (C21)	13.063	3201107	18.463 ug/ml
13) T n-Docosane (C22)	13.646	3231082	18.787 ug/ml
14) T n-Tetracosane (C24)	14.740	3271419	19.154 ug/ml
15) T n-Hexacosane (C26)	15.754	3277099	19.462 ug/ml
16) T n-Octacosane (C28)	16.697	3285720	19.762 ug/ml
17) T n-Tricontane (C30)	17.578	3405625	19.946 ug/ml
18) T n-Dotriacontane (C32)	18.402	3356875	19.913 ug/mlm
19) T n-Tetratriacontane (C34)	19.182	3220278	19.648 ug/ml
20) T n-Hexatriacontane (C36)	19.918	3075247	19.342 ug/mlm
21) T n-Octatriacontane (C38)	20.626	3007159	19.198 ug/ml
22) T n-Tetracontane (C40)	21.484	2901348	18.347 ug/ml

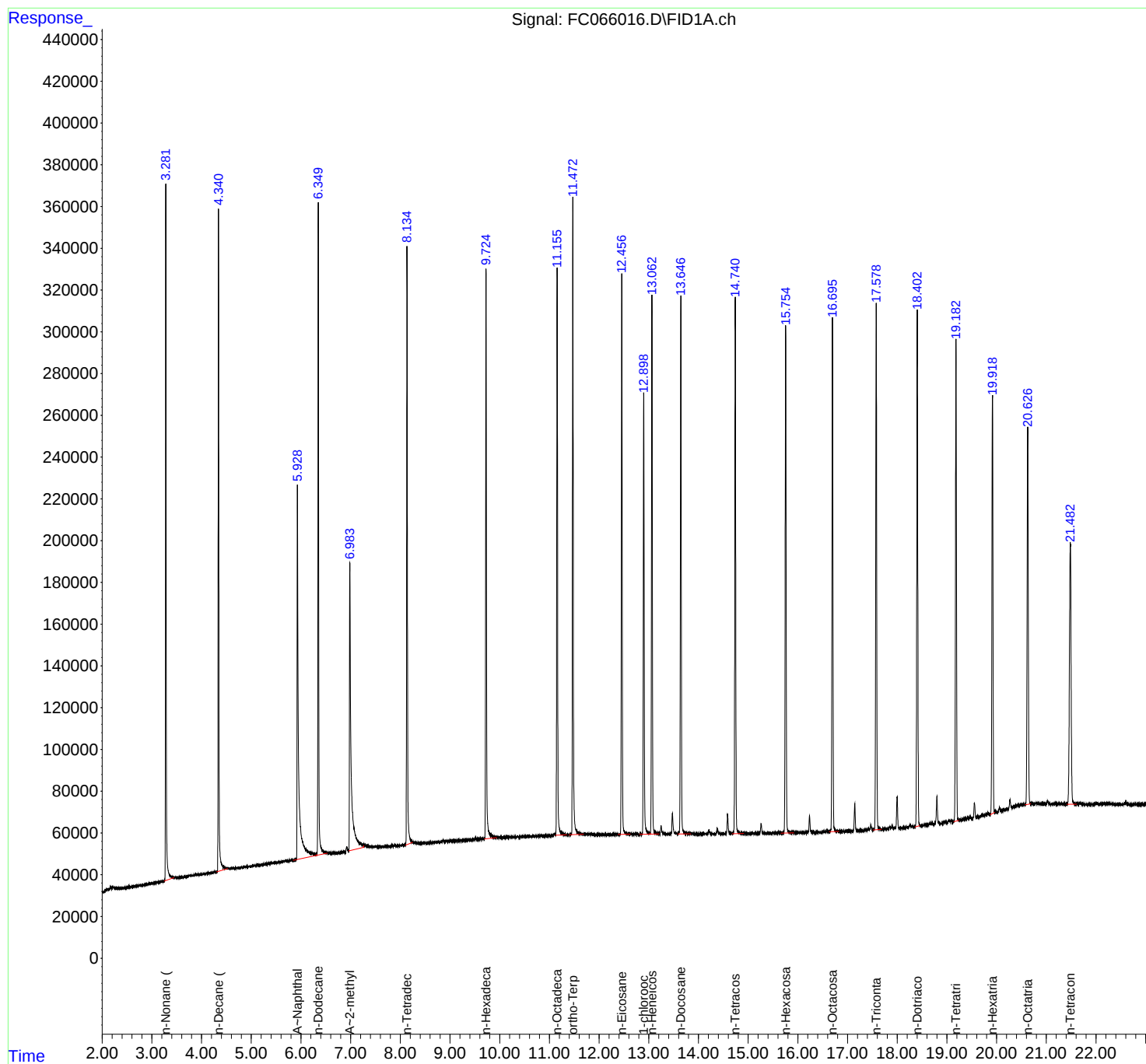
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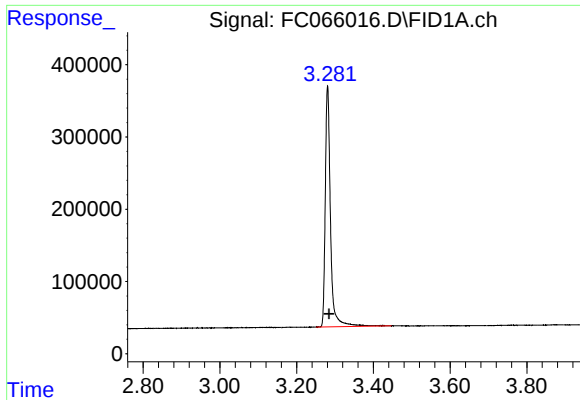
(m)=manual int.

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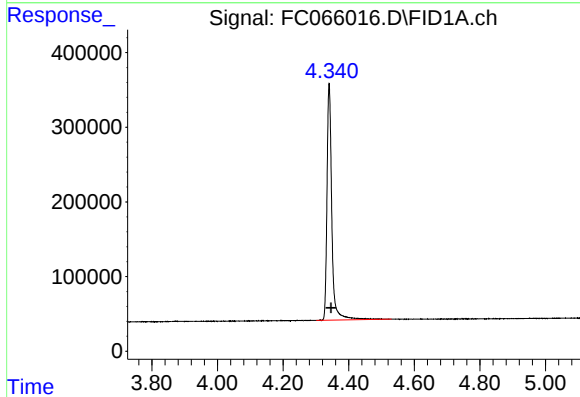
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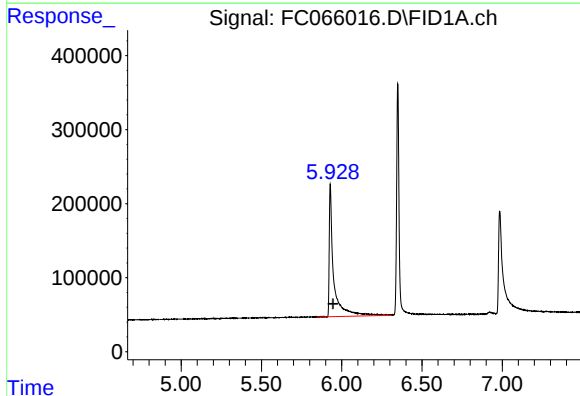
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.003 min
Response: 3143752
Conc: 18.82 ug/ml



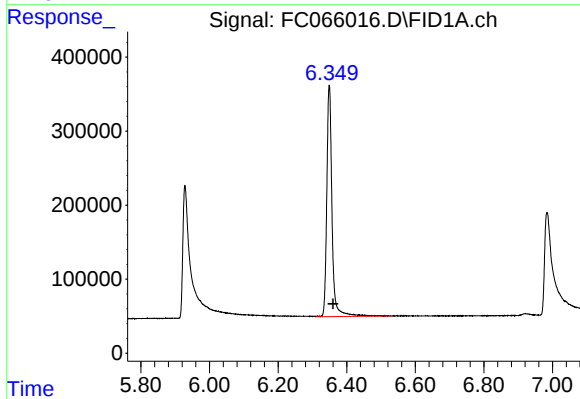
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: -0.006 min
Response: 3228799
Conc: 18.62 ug/ml



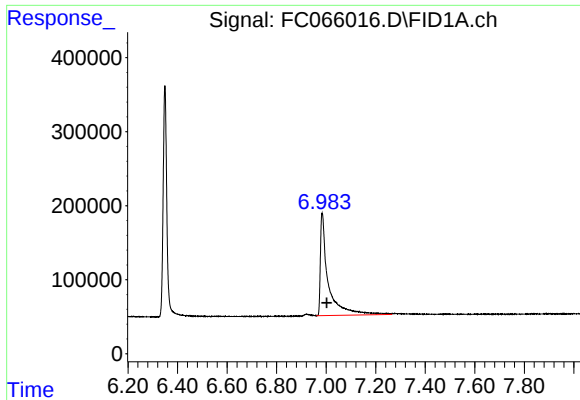
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.016 min
Response: 3463607
Conc: 19.30 ug/ml



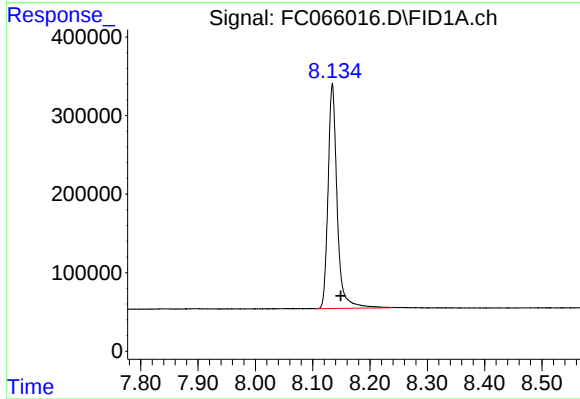
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.011 min
Response: 3317355
Conc: 18.82 ug/ml



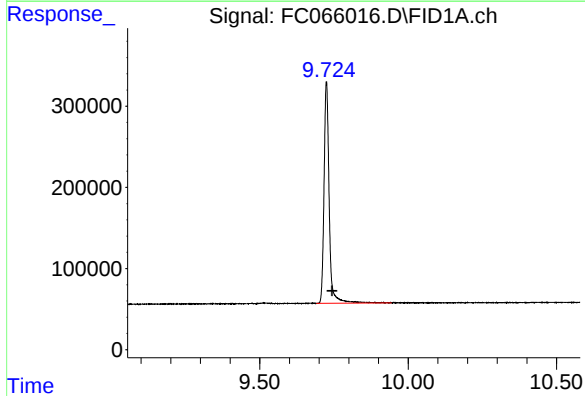
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.018 min
Response: 3069105
Conc: 18.02 ug/ml



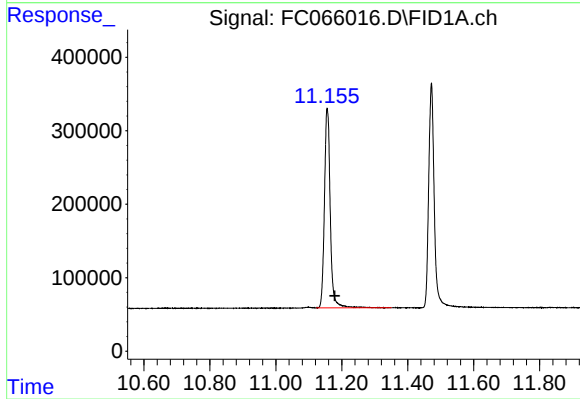
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 3148675
Conc: 18.11 ug/ml m



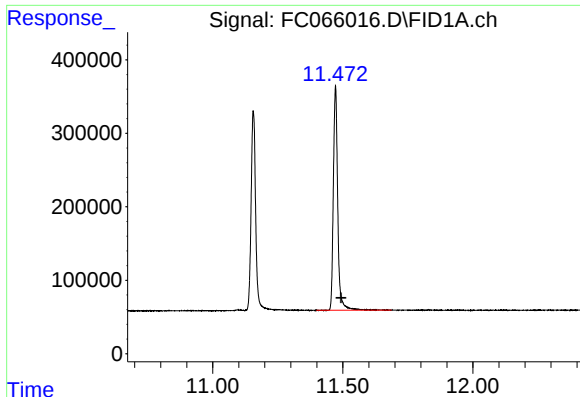
#7 n-Hexadecane (C16)

R.T.: 9.725 min
Delta R.T.: -0.019 min
Response: 3274999
Conc: 18.33 ug/ml



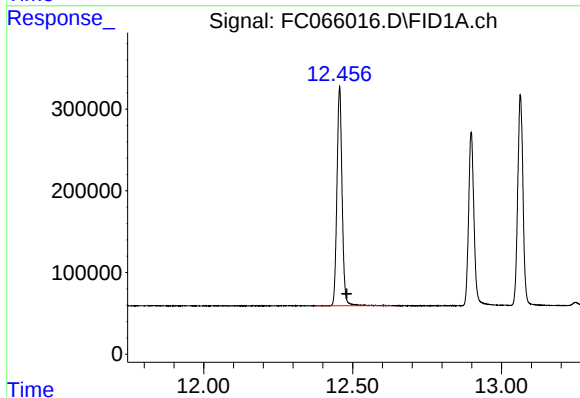
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: -0.023 min
Response: 3321613
Conc: 18.27 ug/ml



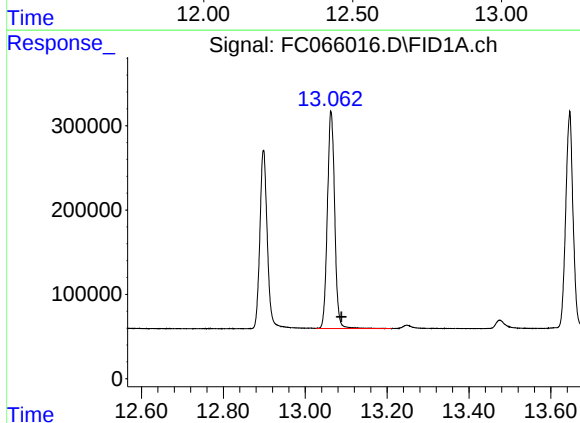
#9 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.021 min
Response: 3579230
Conc: 18.31 ug/ml



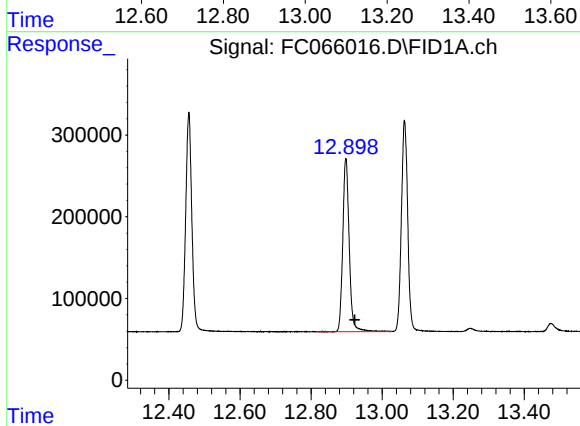
#10 n-Eicosane (C20)

R.T.: 12.456 min
Delta R.T.: -0.025 min
Response: 3223133
Conc: 18.46 ug/ml



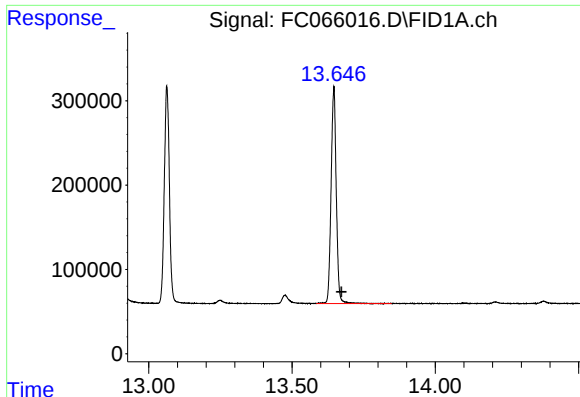
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.025 min
Response: 3201107
Conc: 18.46 ug/ml



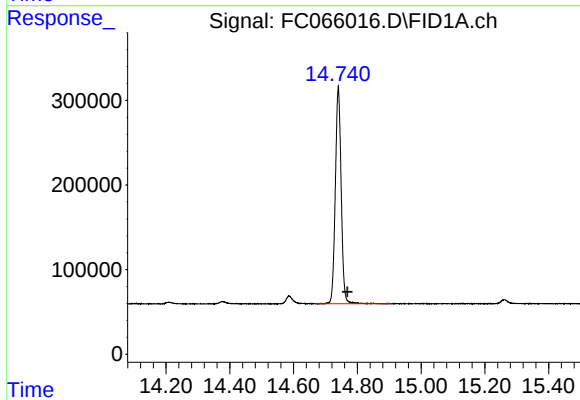
#12 1-chlorooctadecane (SURR)

R.T.: 12.898 min
Delta R.T.: -0.025 min
Response: 2678199
Conc: 18.37 ug/ml



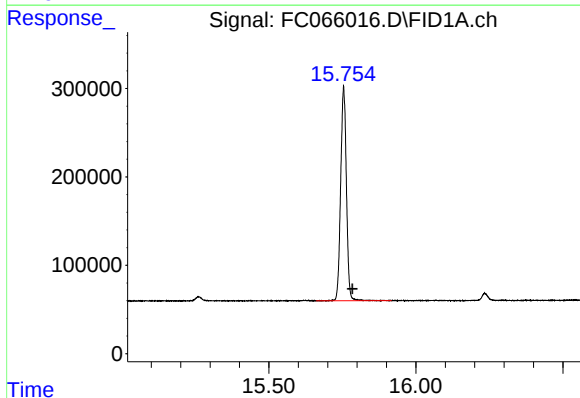
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.026 min
Response: 3231082
Conc: 18.79 ug/ml



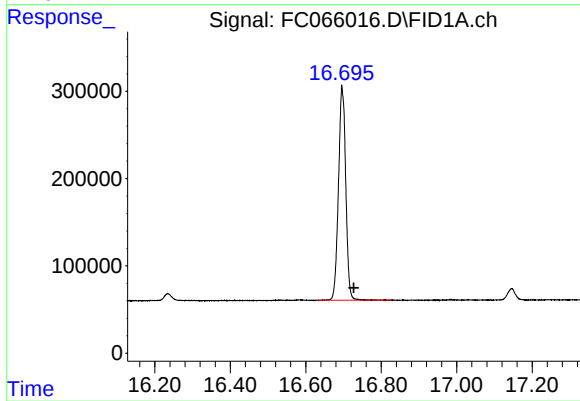
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.029 min
Response: 3271419
Conc: 19.15 ug/ml



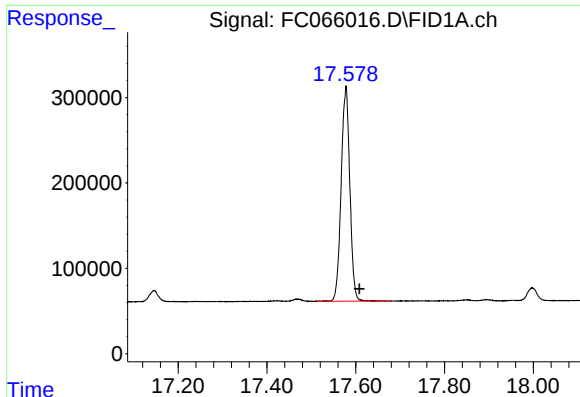
#15 n-Hexacosane (C26)

R.T.: 15.754 min
Delta R.T.: -0.030 min
Response: 3277099
Conc: 19.46 ug/ml



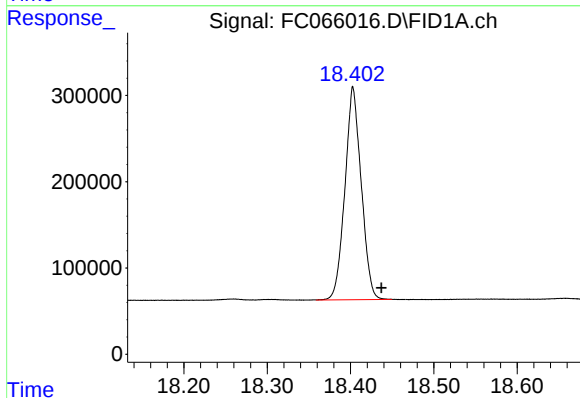
#16 n-Octacosane (C28)

R.T.: 16.697 min
Delta R.T.: -0.030 min
Response: 3285720
Conc: 19.76 ug/ml



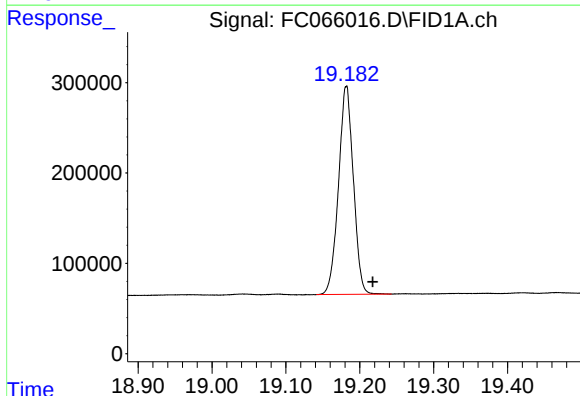
#17 n-Tricontane (C30)

R.T.: 17.578 min
Delta R.T.: -0.031 min
Response: 3405625
Conc: 19.95 ug/ml



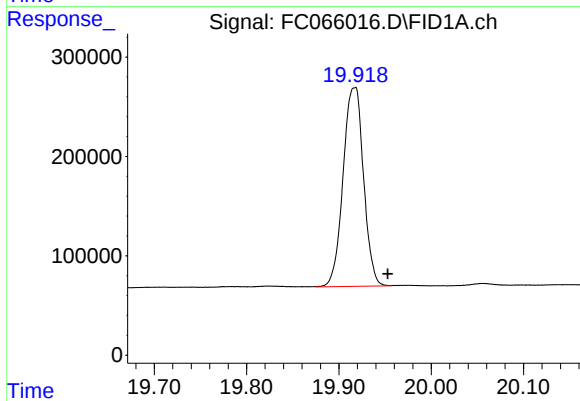
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: -0.035 min
Response: 3356875
Conc: 19.91 ug/ml m



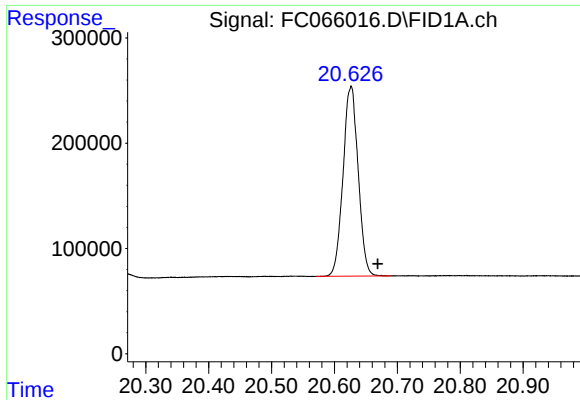
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: -0.036 min
Response: 3220278
Conc: 19.65 ug/ml



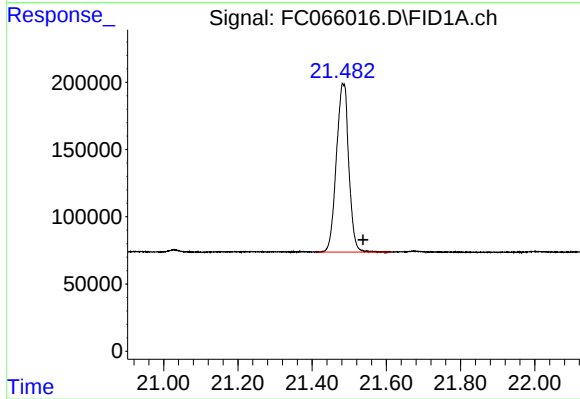
#20 n-Hexatriacontane (C36)

R.T.: 19.918 min
Delta R.T.: -0.035 min
Response: 3075247
Conc: 19.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.626 min
Delta R.T.: -0.043 min
Response: 3007159
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.484 min
Delta R.T.: -0.053 min
Response: 2901348
Conc: 18.35 ug/ml