

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121823AL\
 Data File : FC065492.D
 Signal(s) : FID1A.ch
 Acq On : 18 Dec 2023 09:22
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 11:20:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 11:16:55 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)	11.517	22253684	95.164 ug/ml
Spiked Amount 50.000		Recovery =	190.33%
12) S 1-chlorooctadecane (S...	12.948	16066983	95.775 ug/ml
Spiked Amount 50.000		Recovery =	191.55%
Target Compounds			
1) T n-Nonane (C9)	3.301	19706771	95.149 ug/ml
2) T n-Decane (C10)	4.363	20050914	95.496 ug/ml
3) T A~Naphthalene (C11.7)	5.944	21511469	98.746 ug/ml
4) T n-Dodecane (C12)	6.377	20309803	95.341 ug/ml
5) T A~2-methylnaphthalene...	7.001	20885546	98.159 ug/ml
6) T n-Tetradecane (C14)	8.167	19875535	95.455 ug/ml
7) T n-Hexadecane (C16)	9.764	19740287	95.407 ug/ml
8) T n-Octadecane (C18)	11.202	19231709	95.194 ug/ml
10) T n-Eicosane (C20)	12.505	18166206	95.209 ug/ml
11) T n-Heneicosane (C21)	13.117	17686090	95.329 ug/ml
13) T n-Docosane (C22)	13.699	17291226	95.233 ug/ml
14) T n-Tetracosane (C24)	14.798	16712669	94.956 ug/ml
15) T n-Hexacosane (C26)	15.813	16109344	95.182 ug/ml
16) T n-Octacosane (C28)	16.762	15606530	94.783 ug/ml
17) T n-Tricontane (C30)	17.645	15640772	94.388 ug/ml
18) T n-Dotriacontane (C32)	18.475	15511042	94.045 ug/ml
19) T n-Tetratriacontane (C34)	19.256	15213408	94.049 ug/ml
20) T n-Hexatriacontane (C36)	19.994	15175271	94.817 ug/ml
21) T n-Octatriacontane (C38)	20.716	15007546	94.595 ug/ml
22) T n-Tetracontane (C40)	21.599	15013628	92.638 ug/ml

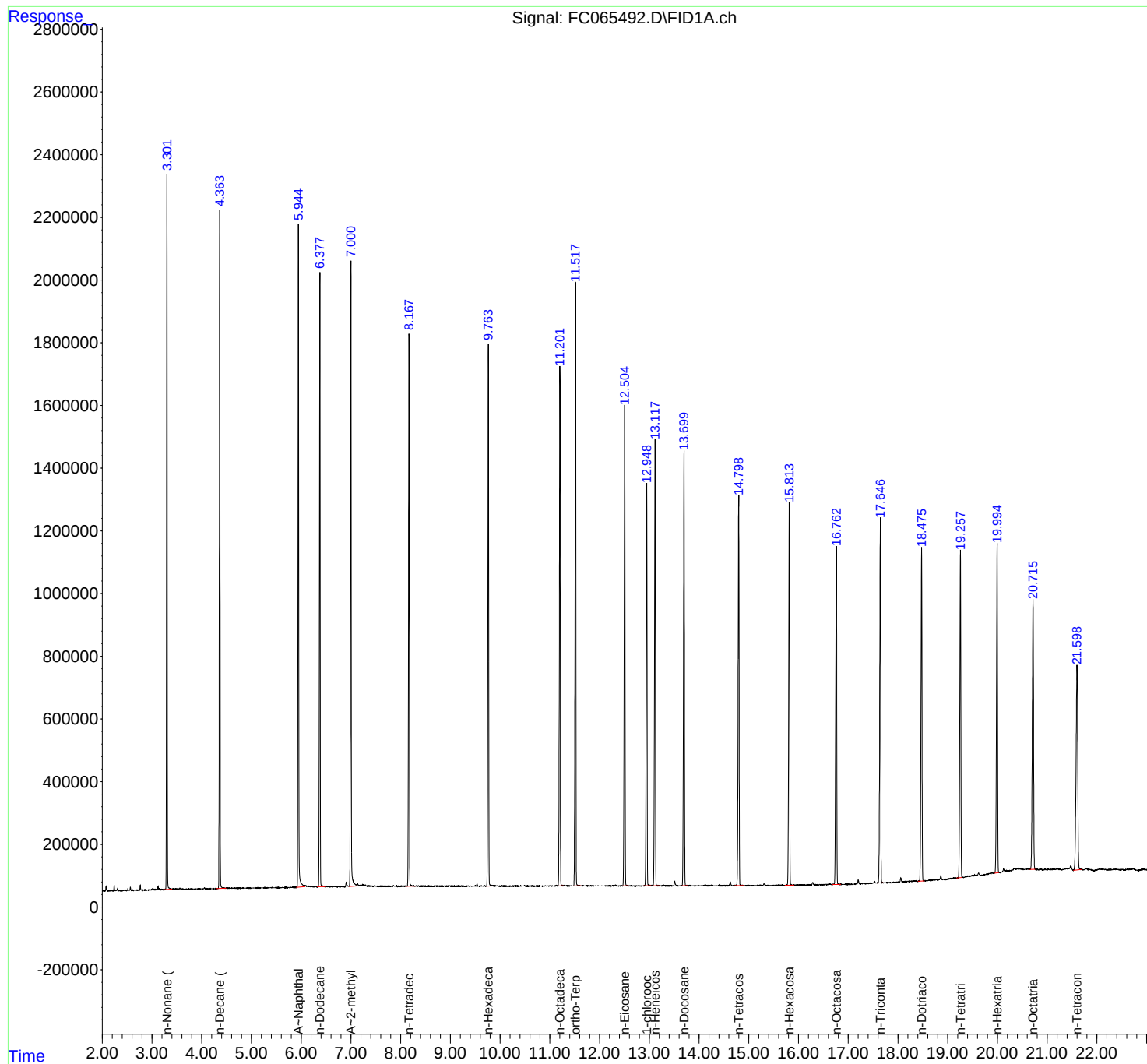
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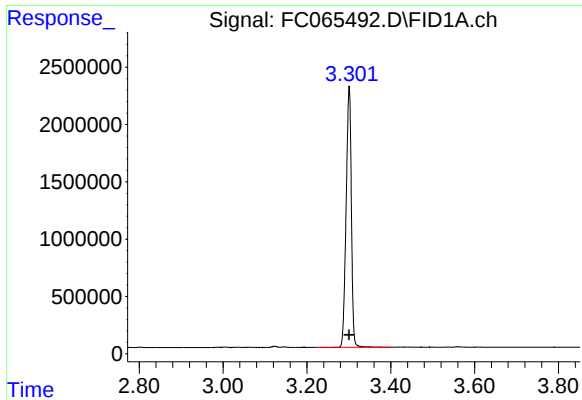
(m)=manual int.

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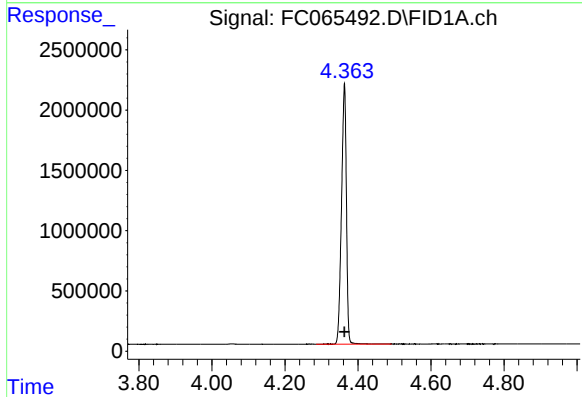
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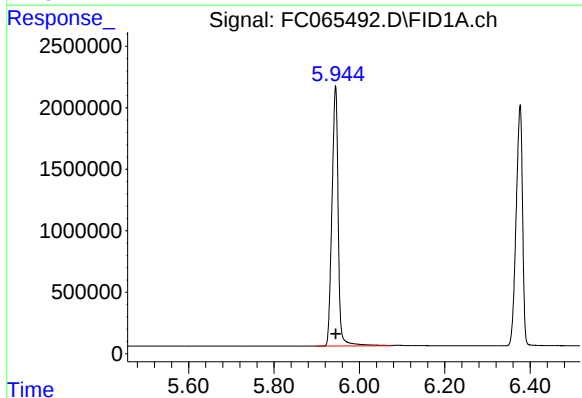
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 19706771
Conc: 95.15 ug/ml



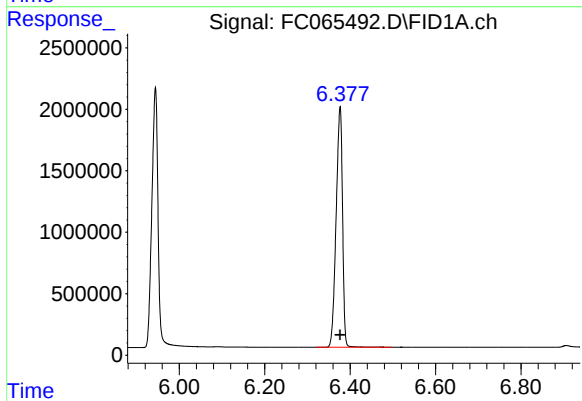
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 20050914
Conc: 95.50 ug/ml



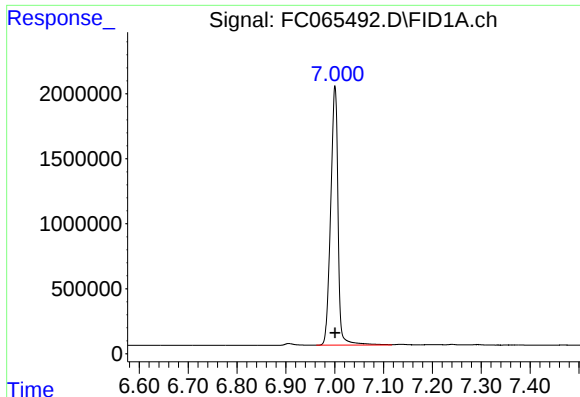
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 21511469
Conc: 98.75 ug/ml



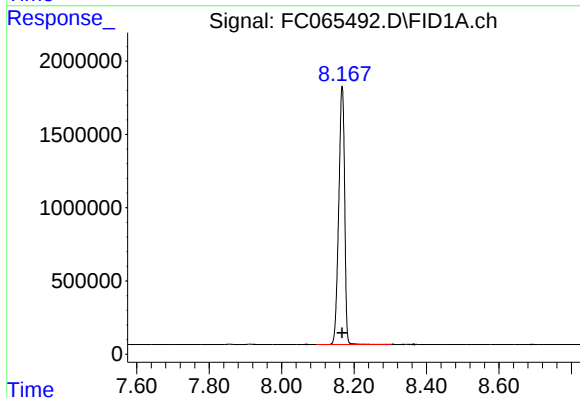
#4 n-Dodecane (C12)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 20309803
Conc: 95.34 ug/ml



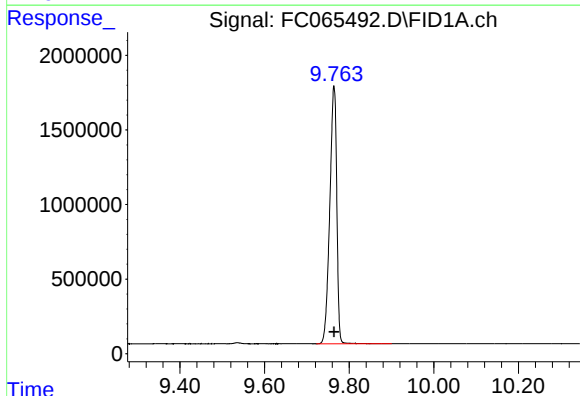
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 20885546
Conc: 98.16 ug/ml



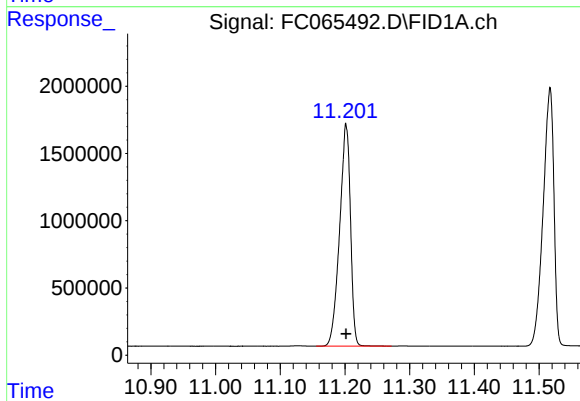
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 19875535
Conc: 95.46 ug/ml



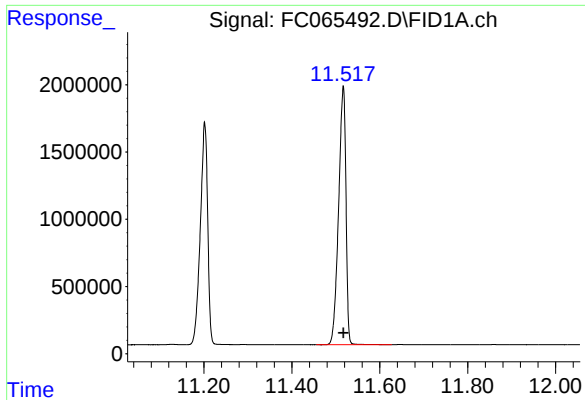
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 19740287
Conc: 95.41 ug/ml



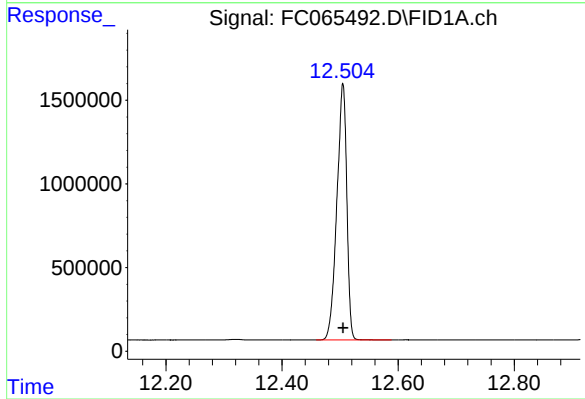
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 19231709
Conc: 95.19 ug/ml



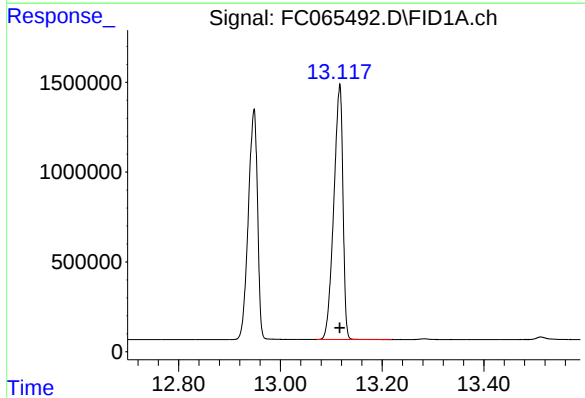
#9 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: 0.000 min
Response: 22253684
Conc: 95.16 ug/ml



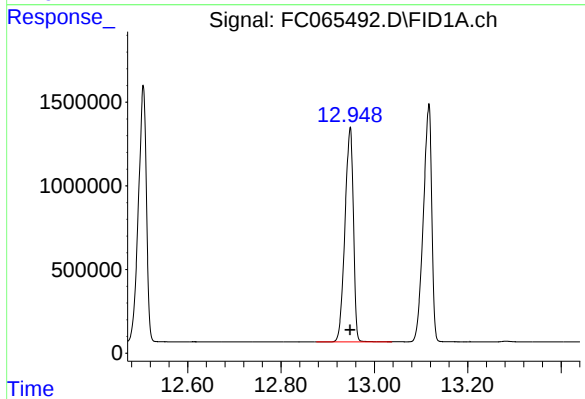
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 18166206
Conc: 95.21 ug/ml



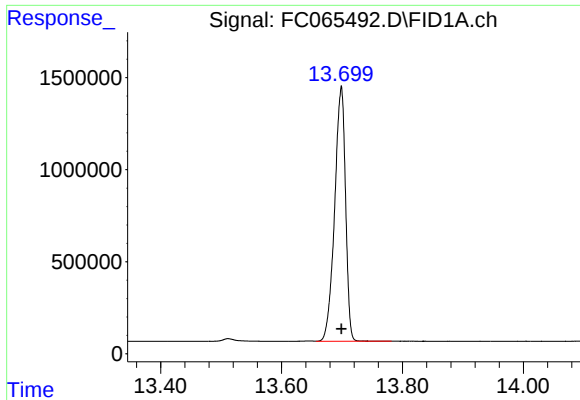
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 17686090
Conc: 95.33 ug/ml



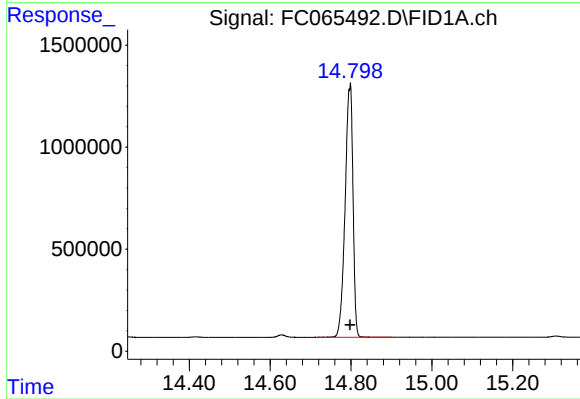
#12 1-chlorooctadecane (SURR)

R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 16066983
Conc: 95.78 ug/ml



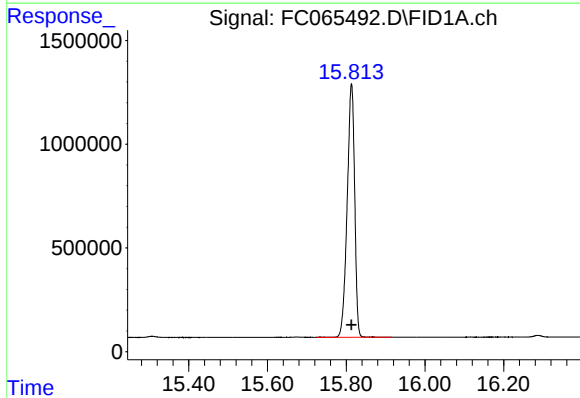
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.000 min
Response: 17291226
Conc: 95.23 ug/ml



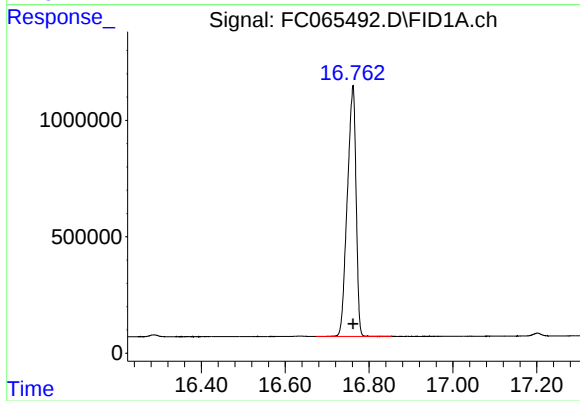
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.000 min
Response: 16712669
Conc: 94.96 ug/ml



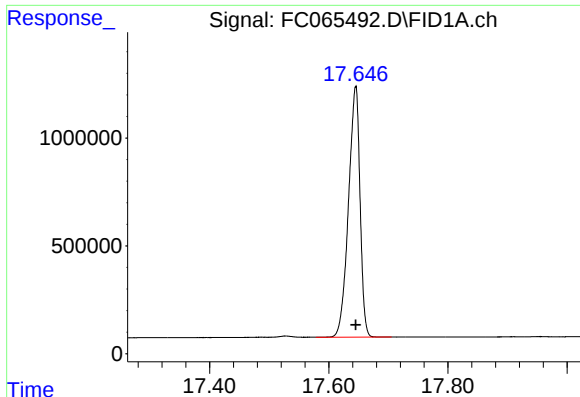
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.000 min
Response: 16109344
Conc: 95.18 ug/ml



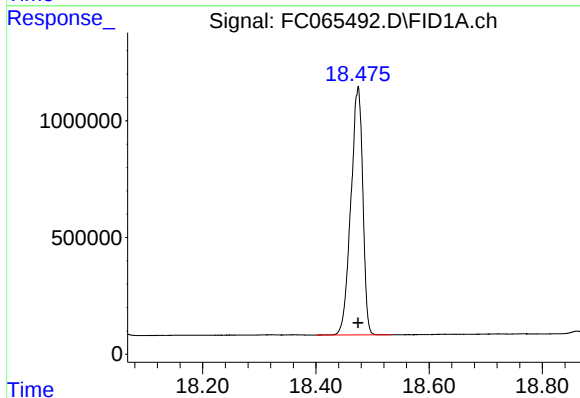
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 15606530
Conc: 94.78 ug/ml



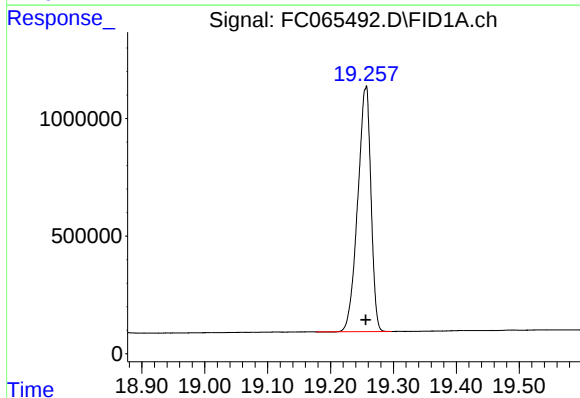
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.000 min
Response: 15640772
Conc: 94.39 ug/ml



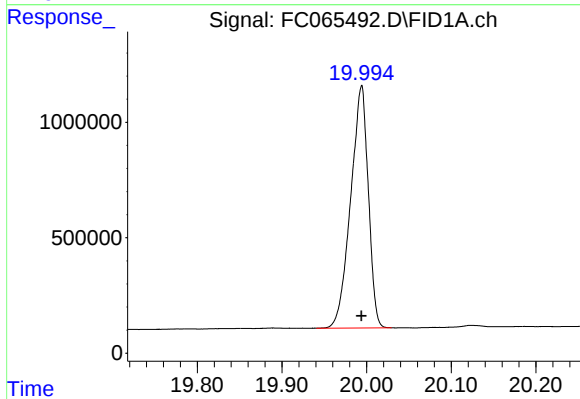
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 15511042
Conc: 94.04 ug/ml



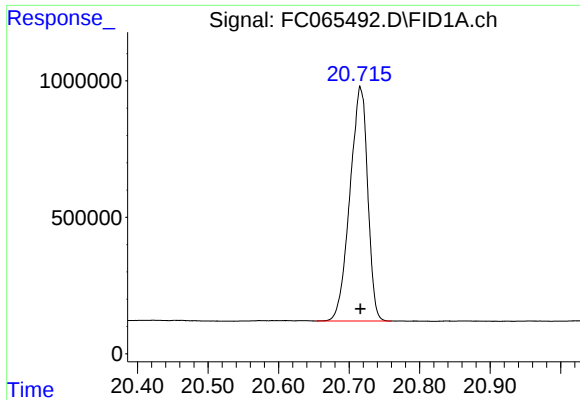
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.000 min
Response: 15213408
Conc: 94.05 ug/ml



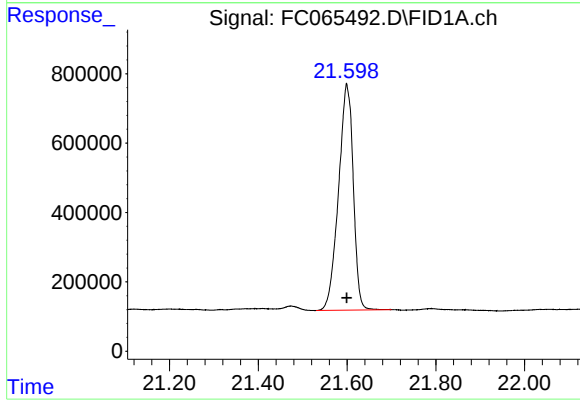
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.000 min
Response: 15175271
Conc: 94.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.000 min
Response: 15007546
Conc: 94.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.000 min
Response: 15013628
Conc: 92.64 ug/ml