

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AL\
 Data File : FD045107.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 01:48
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 05:09:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:07:41 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)	11.461	14524209	94.198 ug/ml
Spiked Amount 50.000		Recovery =	188.40%
12) S 1-chlorooctadecane (S...	12.892	11066736	95.725 ug/ml
Spiked Amount 50.000		Recovery =	191.45%
Target Compounds			
1) T n-Nonane (C9)	3.270	12769501	93.162 ug/ml
2) T n-Decane (C10)	4.330	12560601	93.177 ug/ml
3) T A~Naphthalene (C11.7)	5.899	14759659	93.316 ug/ml
4) T n-Dodecane (C12)	6.337	12711242	93.229 ug/ml
5) T A~2-methylnaphthalene...	6.950	13954178	93.934 ug/ml
6) T n-Tetradecane (C14)	8.123	12776554	93.241 ug/ml
7) T n-Hexadecane (C16)	9.716	13078335	93.582 ug/ml
8) T n-Octadecane (C18)	11.152	13196748	93.552 ug/ml
10) T n-Eicosane (C20)	12.452	12802625	94.076 ug/ml
11) T n-Heneicosane (C21)	13.061	12822028	94.024 ug/ml
13) T n-Docosane (C22)	13.643	12659527	94.277 ug/ml
14) T n-Tetracosane (C24)	14.739	12452213	94.395 ug/ml
15) T n-Hexacosane (C26)	15.753	12001081	95.435 ug/ml
16) T n-Octacosane (C28)	16.696	11623429	95.456 ug/ml
17) T n-Tricontane (C30)	17.577	11261067	95.406 ug/ml
18) T n-Dotriacontane (C32)	18.405	11089211	94.964 ug/ml
19) T n-Tetratriacontane (C34)	19.182	10895753	95.037 ug/ml
20) T n-Hexatriacontane (C36)	19.915	10422788	95.447 ug/ml
21) T n-Octatriacontane (C38)	20.621	10291808	95.112 ug/ml
22) T n-Tetracontane (C40)	21.460	10238006	94.618 ug/ml

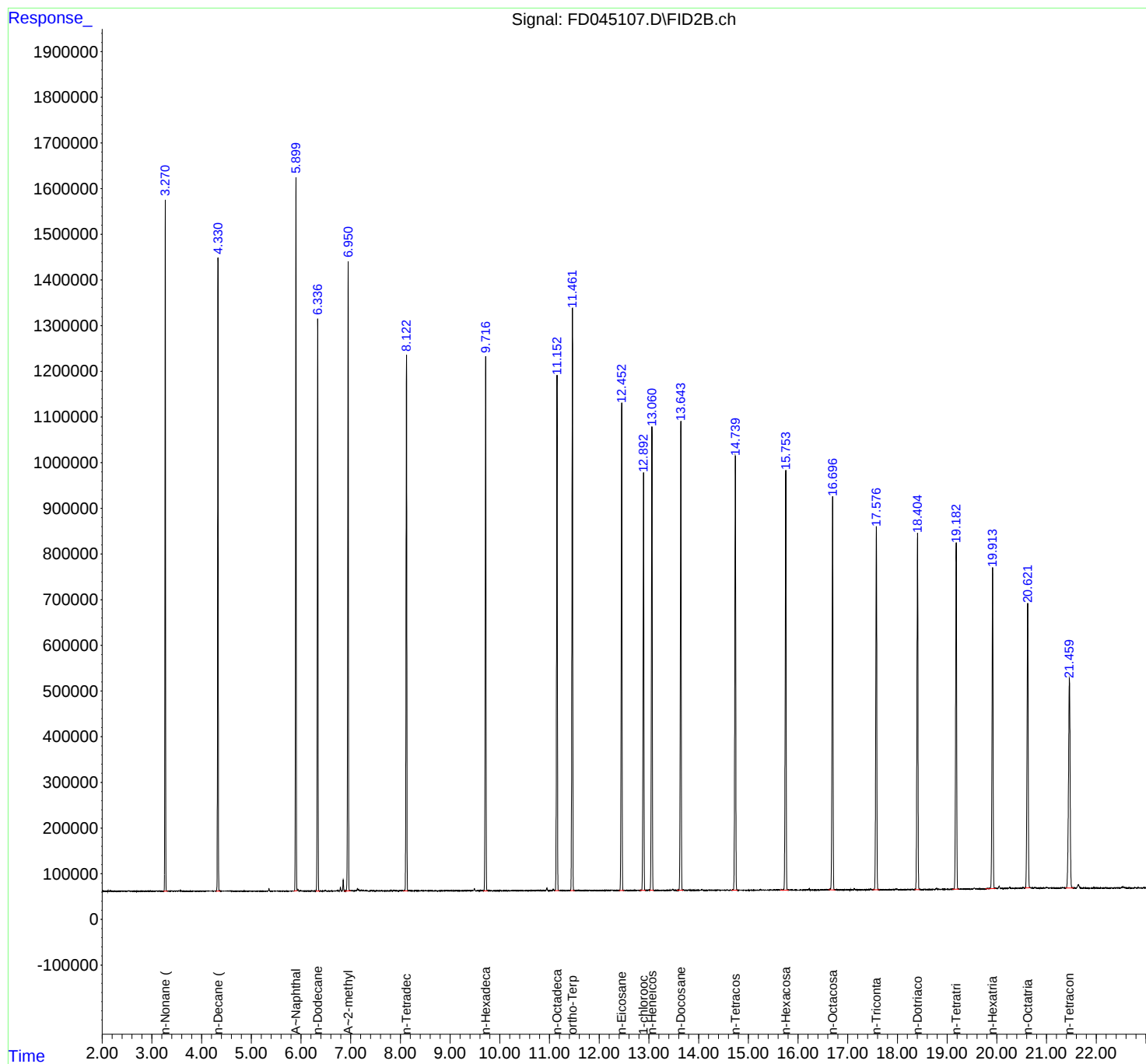
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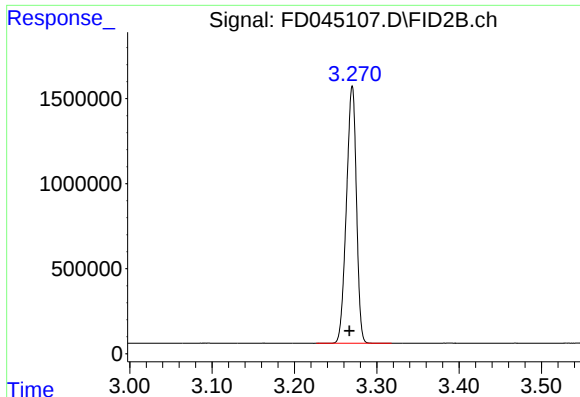
(m)=manual int.

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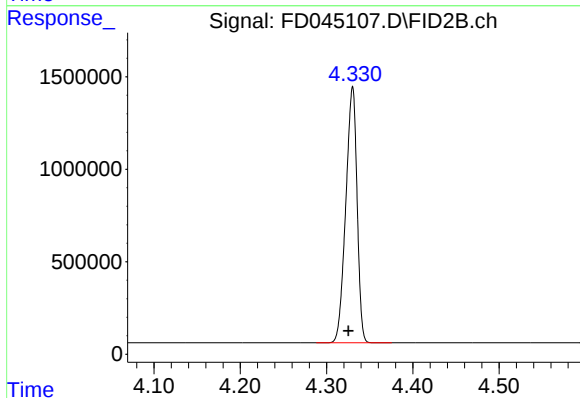
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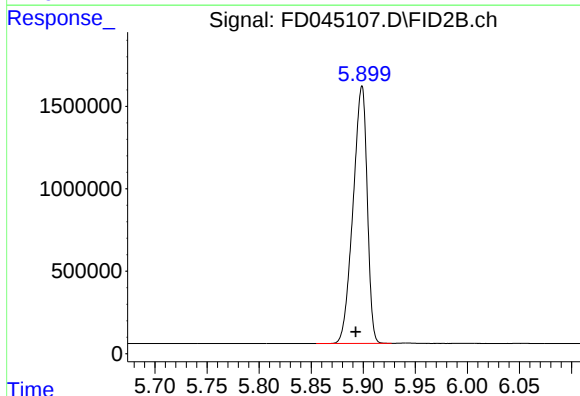
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: 0.003 min
Response: 12769501
Conc: 93.16 ug/ml



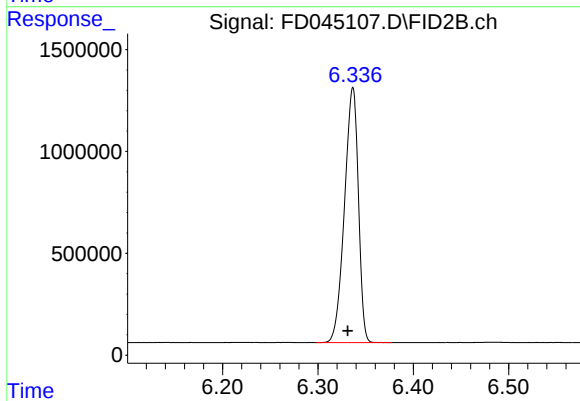
#2 n-Decane (C10)

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 12560601
Conc: 93.18 ug/ml



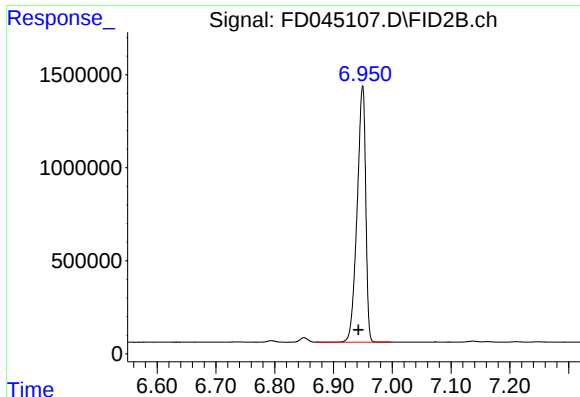
#3 A~Naphthalene (C11.7)

R.T.: 5.899 min
Delta R.T.: 0.006 min
Response: 14759659
Conc: 93.32 ug/ml



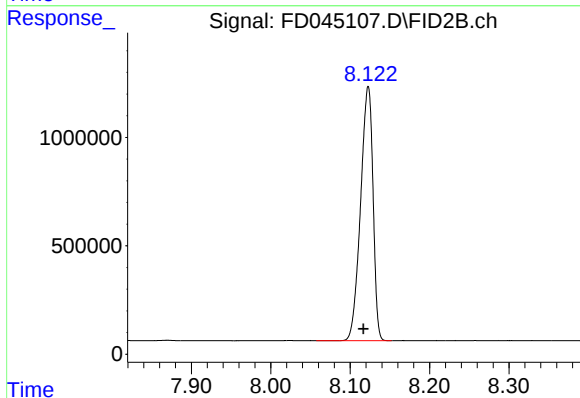
#4 n-Dodecane (C12)

R.T.: 6.337 min
Delta R.T.: 0.006 min
Response: 12711242
Conc: 93.23 ug/ml



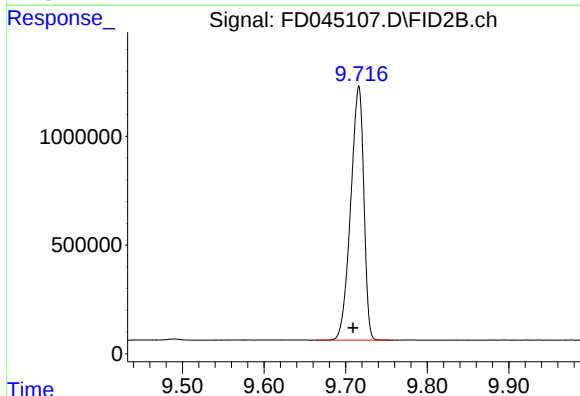
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.950 min
Delta R.T.: 0.007 min
Response: 13954178
Conc: 93.93 ug/ml



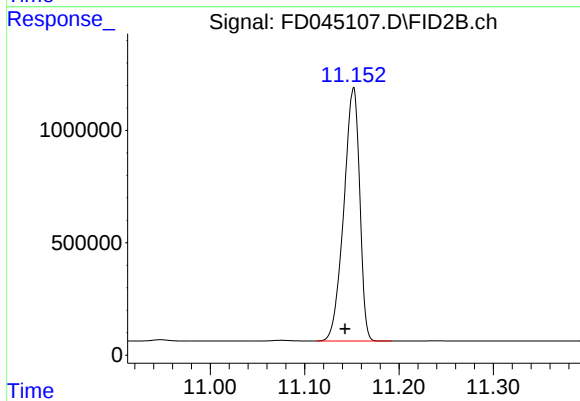
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: 0.006 min
Response: 12776554
Conc: 93.24 ug/ml



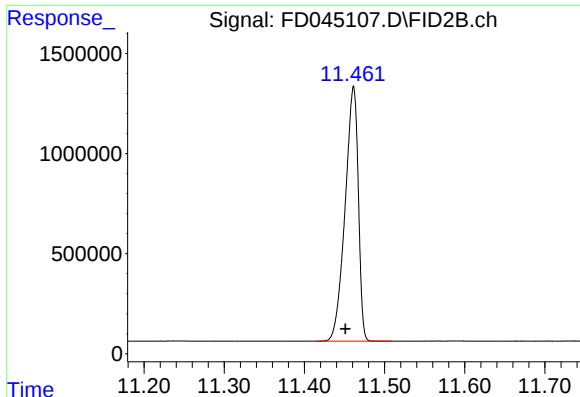
#7 n-Hexadecane (C16)

R.T.: 9.716 min
Delta R.T.: 0.007 min
Response: 13078335
Conc: 93.58 ug/ml



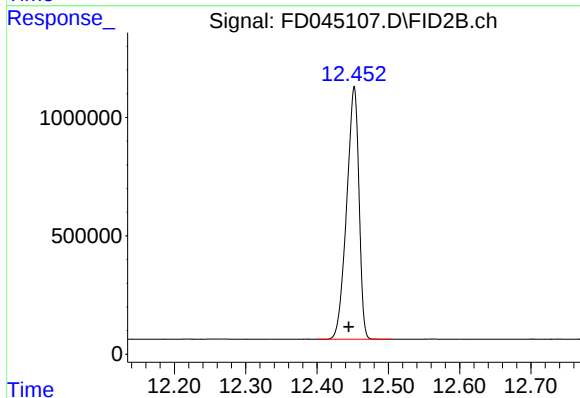
#8 n-Octadecane (C18)

R.T.: 11.152 min
Delta R.T.: 0.009 min
Response: 13196748
Conc: 93.55 ug/ml



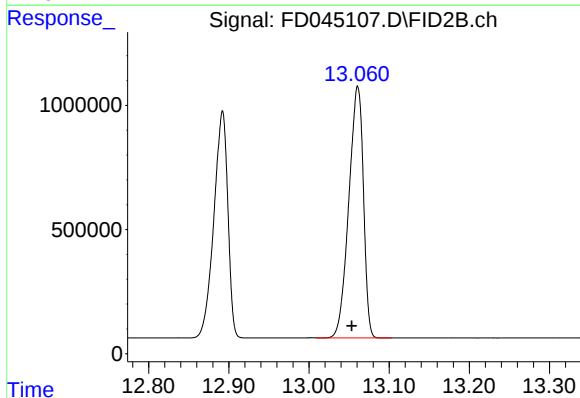
#9 ortho-Terphenyl (SURR)

R.T.: 11.461 min
Delta R.T.: 0.010 min
Response: 14524209
Conc: 94.20 ug/ml



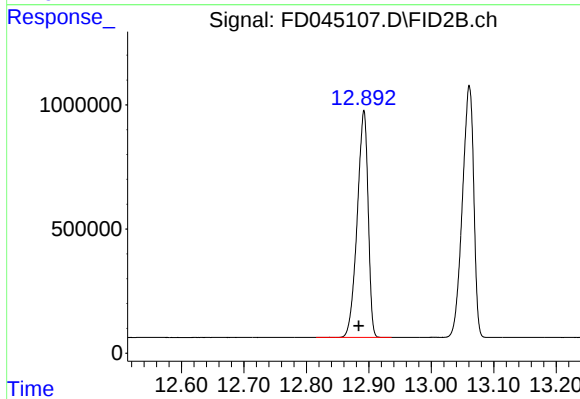
#10 n-Eicosane (C20)

R.T.: 12.452 min
Delta R.T.: 0.008 min
Response: 12802625
Conc: 94.08 ug/ml



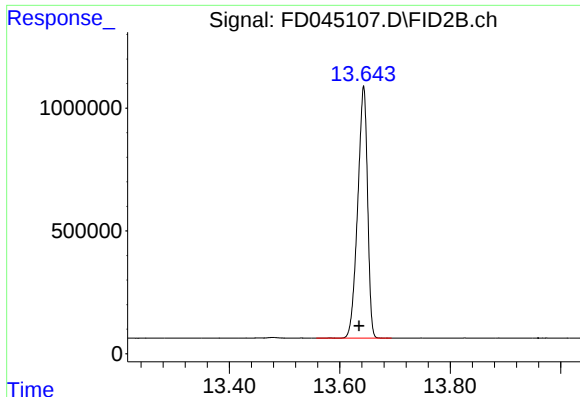
#11 n-Heneicosane (C21)

R.T.: 13.061 min
Delta R.T.: 0.008 min
Response: 12822028
Conc: 94.02 ug/ml



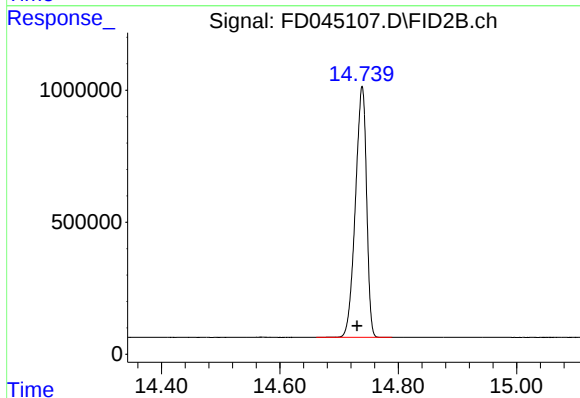
#12 1-chlorooctadecane (SURR)

R.T.: 12.892 min
Delta R.T.: 0.008 min
Response: 11066736
Conc: 95.72 ug/ml



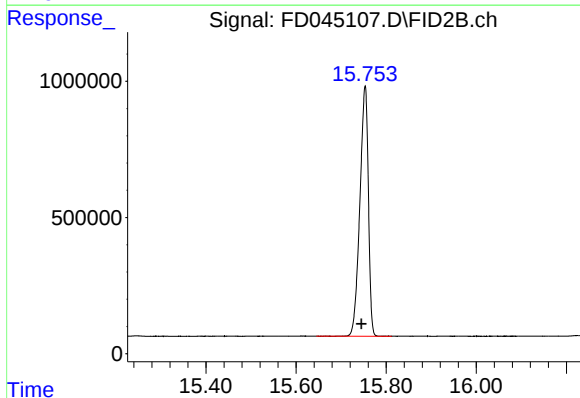
#13 n-Docosane (C22)

R.T.: 13.643 min
Delta R.T.: 0.008 min
Response: 12659527
Conc: 94.28 ug/ml



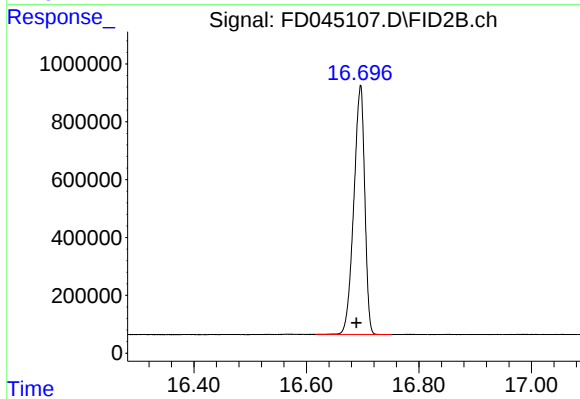
#14 n-Tetracosane (C24)

R.T.: 14.739 min
Delta R.T.: 0.009 min
Response: 12452213
Conc: 94.40 ug/ml



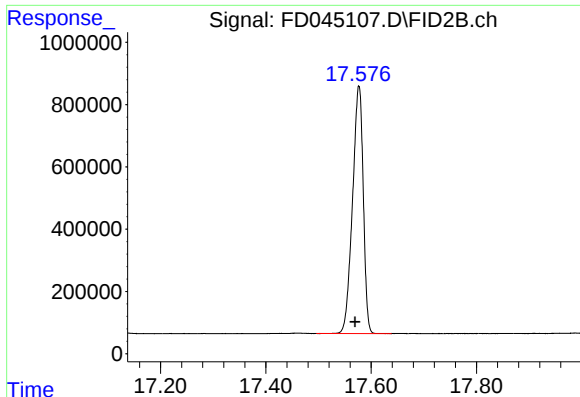
#15 n-Hexacosane (C26)

R.T.: 15.753 min
Delta R.T.: 0.009 min
Response: 12001081
Conc: 95.44 ug/ml



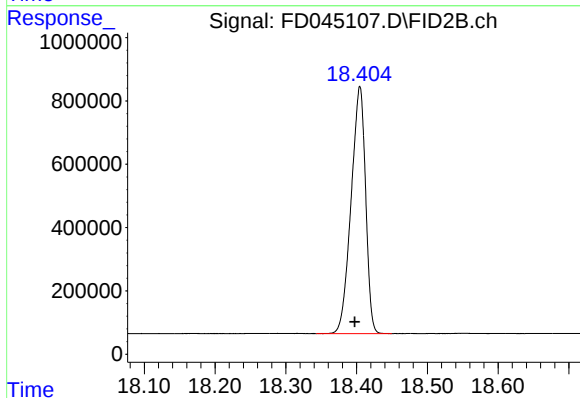
#16 n-Octacosane (C28)

R.T.: 16.696 min
Delta R.T.: 0.008 min
Response: 11623429
Conc: 95.46 ug/ml



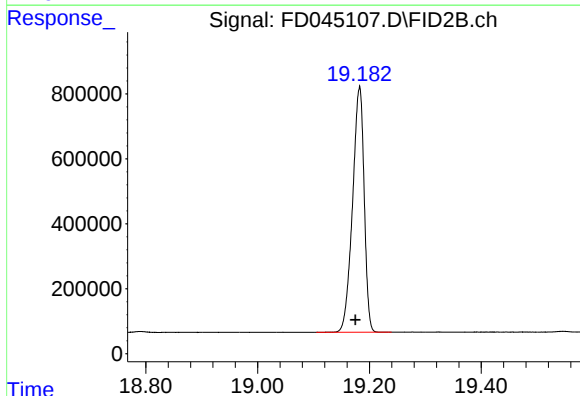
#17 n-Tricontane (C30)

R.T.: 17.577 min
Delta R.T.: 0.008 min
Response: 11261067
Conc: 95.41 ug/ml



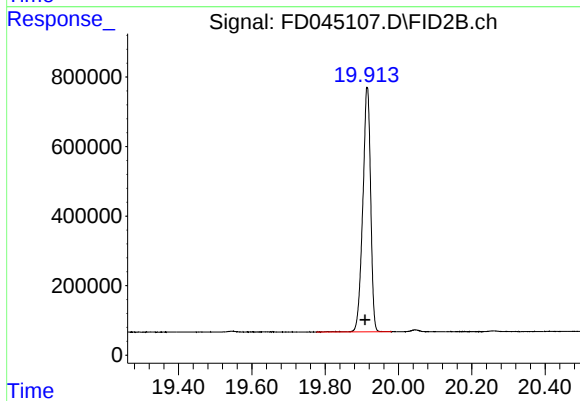
#18 n-Dotriacontane (C32)

R.T.: 18.405 min
Delta R.T.: 0.007 min
Response: 11089211
Conc: 94.96 ug/ml



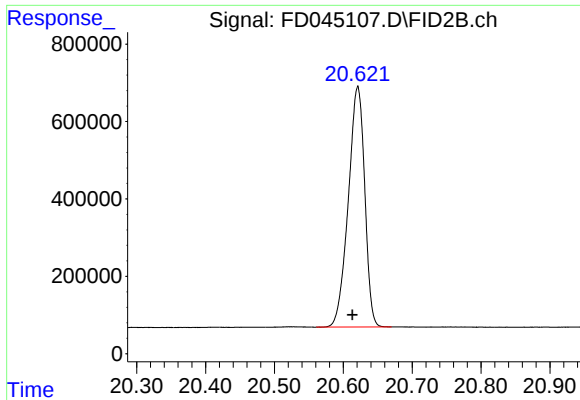
#19 n-Tetratriacontane (C34)

R.T.: 19.182 min
Delta R.T.: 0.007 min
Response: 10895753
Conc: 95.04 ug/ml



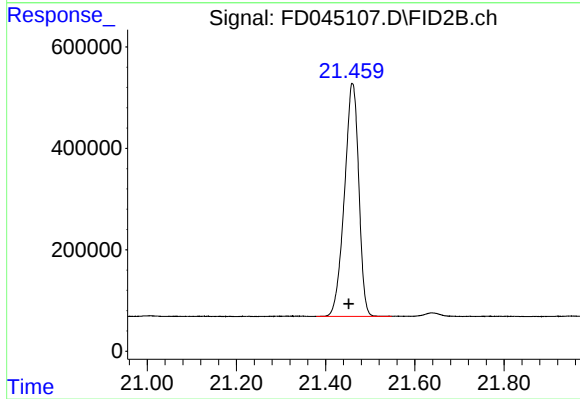
#20 n-Hexatriacontane (C36)

R.T.: 19.915 min
Delta R.T.: 0.006 min
Response: 10422788
Conc: 95.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.621 min
Delta R.T.: 0.008 min
Response: 10291808
Conc: 95.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: 0.009 min
Response: 10238006
Conc: 94.62 ug/ml