

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AL\
 Data File : FF015465.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 18:08
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 01:05:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 01:02:28 2025
 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)	11.939	6967990	47.216 ug/ml
Spiked Amount 50.000		Recovery =	94.43%
12) S 1-chlorooctadecane (S...	13.375	5289482	47.462 ug/ml
Spiked Amount 50.000		Recovery =	94.92%
Target Compounds			
1) T n-Nonane (C9)	3.318	6335701	47.019 ug/ml
2) T n-Decane (C10)	4.573	6503097	47.193 ug/ml
3) T A~Naphthalene (C11.7)	6.277	7007934	47.668 ug/ml
4) T n-Dodecane (C12)	6.738	6604300	47.195 ug/ml
5) T A~2-methylnaphthalene...	7.373	6714056	47.995 ug/ml
6) T n-Tetradecane (C14)	8.566	6565009	47.225 ug/ml
7) T n-Hexadecane (C16)	10.174	6742878	47.248 ug/ml
8) T n-Octadecane (C18)	11.619	6716631	47.190 ug/ml
10) T n-Eicosane (C20)	12.930	6321326	47.132 ug/ml
11) T n-Heneicosane (C21)	13.542	6139327	47.175 ug/ml
13) T n-Docosane (C22)	14.130	6011382	47.181 ug/ml
14) T n-Tetracosane (C24)	15.235	5810163	46.769 ug/ml
15) T n-Hexacosane (C26)	16.258	5586805	46.743 ug/ml
16) T n-Octacosane (C28)	17.209	5410958	46.312 ug/ml
17) T n-Tricontane (C30)	18.099	5429815	45.913 ug/ml
18) T n-Dotriacontane (C32)	18.933	5225703	45.501 ug/ml
19) T n-Tetratriacontane (C34)	19.717	4669734	46.088 ug/ml
20) T n-Hexatriacontane (C36)	20.459	4184689	46.153 ug/ml
21) T n-Octatriacontane (C38)	21.200	4165176	46.729 ug/ml
22) T n-Tetracontane (C40)	22.121	4243160	46.770 ug/ml

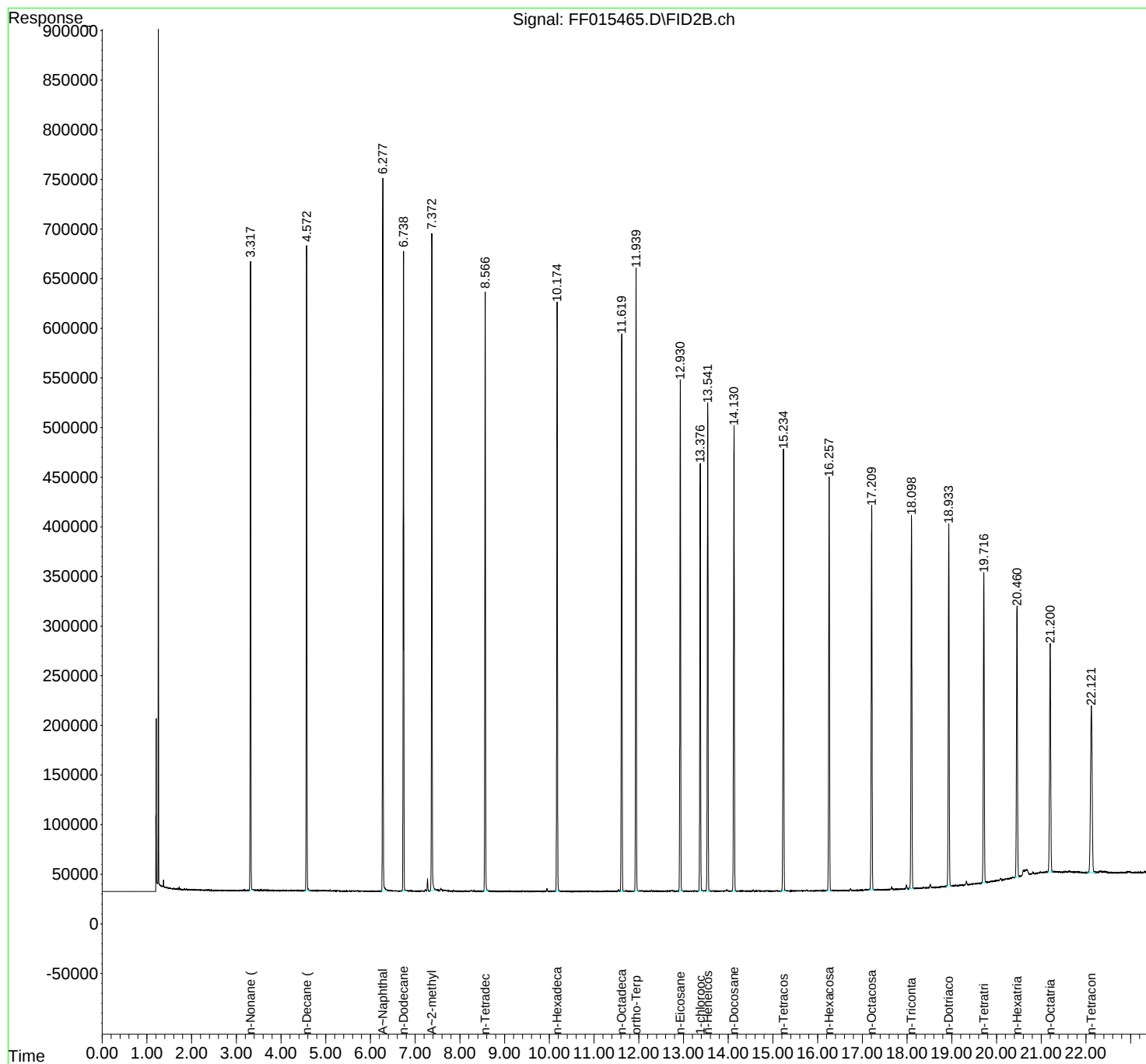
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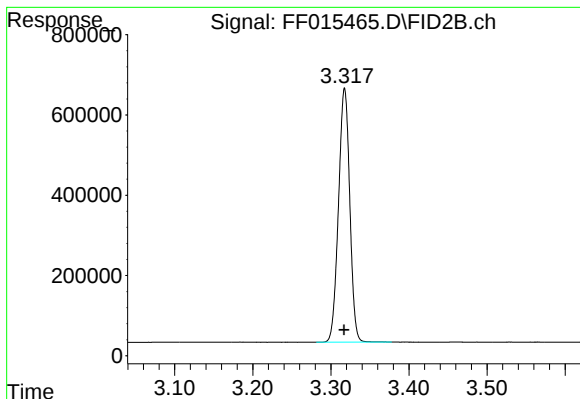
(m)=manual int.

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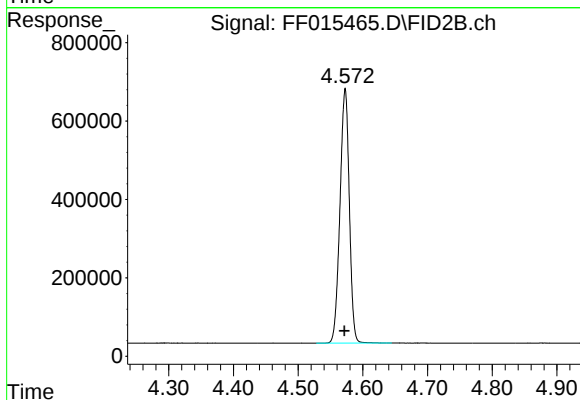
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





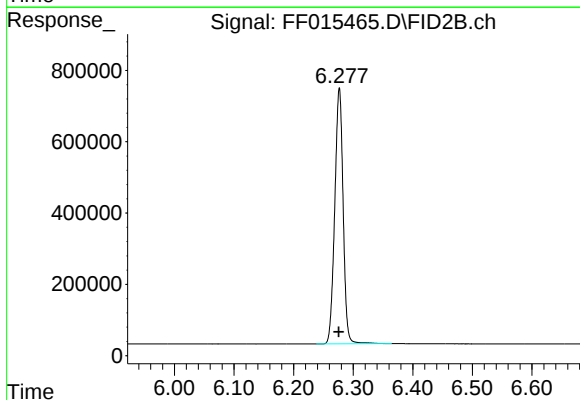
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 6335701
Conc: 47.02 ug/ml



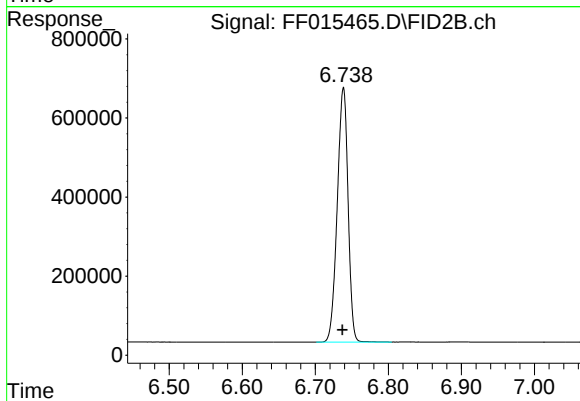
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.001 min
Response: 6503097
Conc: 47.19 ug/ml



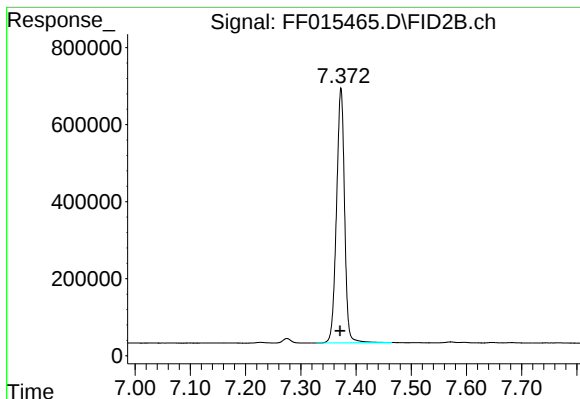
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.001 min
Response: 7007934
Conc: 47.67 ug/ml



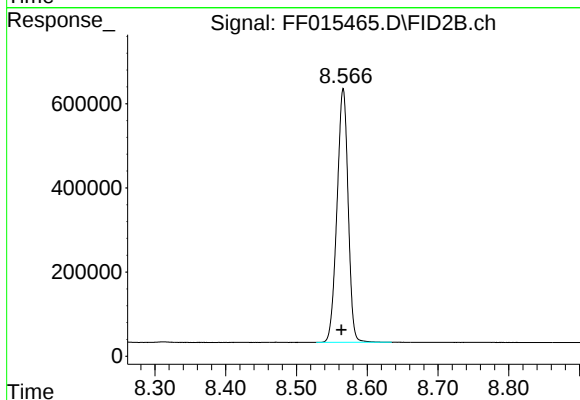
#4 n-Dodecane (C12)

R.T.: 6.738 min
Delta R.T.: 0.001 min
Response: 6604300
Conc: 47.19 ug/ml



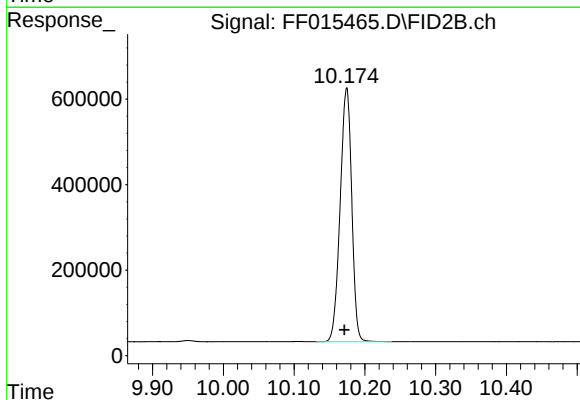
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 6714056
Conc: 47.99 ug/ml



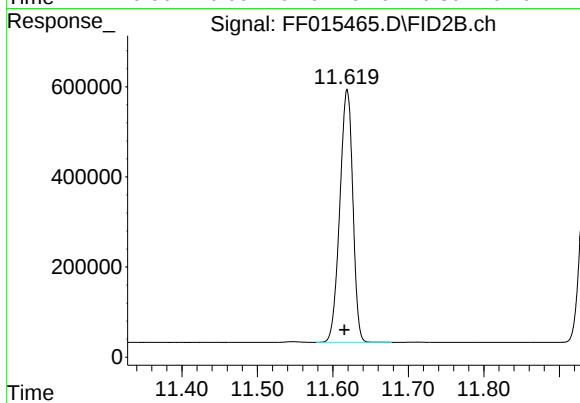
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.002 min
Response: 6565009
Conc: 47.23 ug/ml



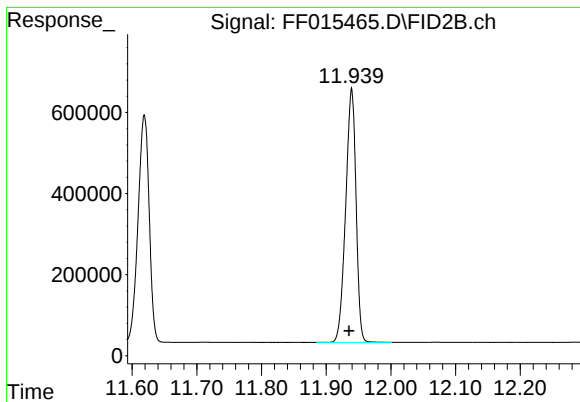
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.003 min
Response: 6742878
Conc: 47.25 ug/ml



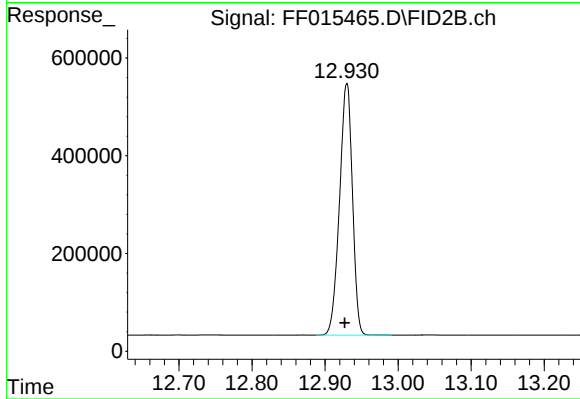
#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: 0.003 min
Response: 6716631
Conc: 47.19 ug/ml



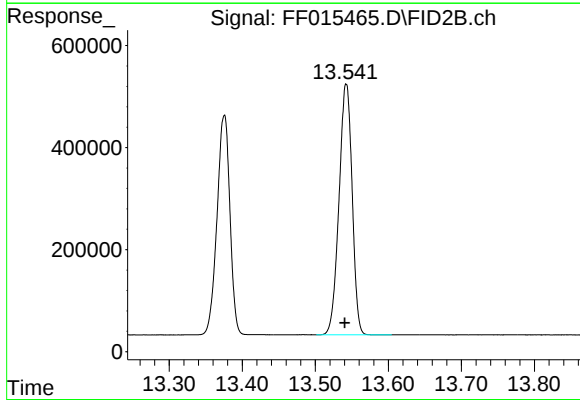
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: 0.004 min
Response: 6967990
Conc: 47.22 ug/ml



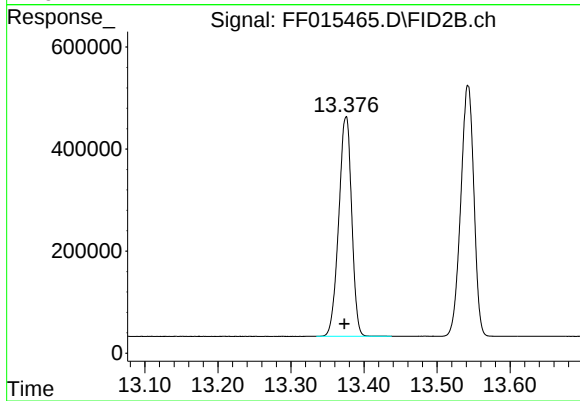
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.003 min
Response: 6321326
Conc: 47.13 ug/ml



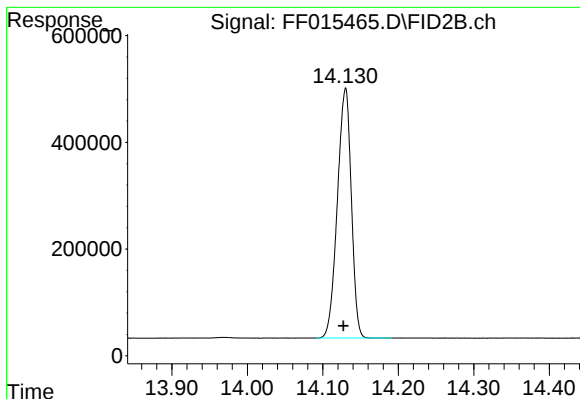
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.002 min
Response: 6139327
Conc: 47.17 ug/ml



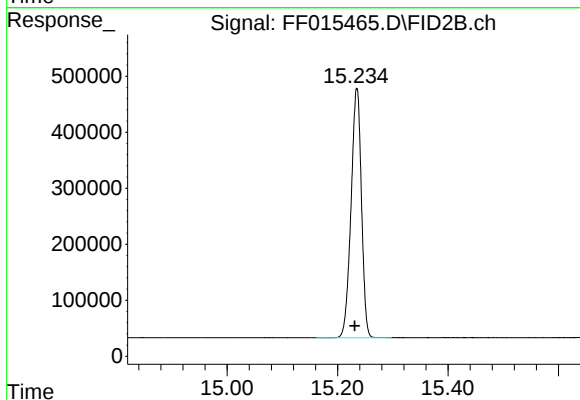
#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: 0.002 min
Response: 5289482
Conc: 47.46 ug/ml



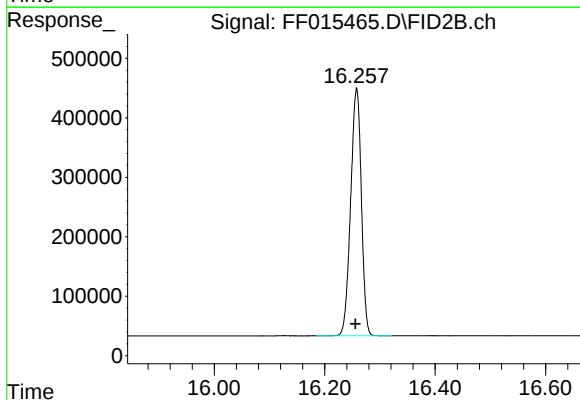
#13 n-Docosane (C22)

R.T.: 14.130 min
Delta R.T.: 0.002 min
Response: 6011382
Conc: 47.18 ug/ml



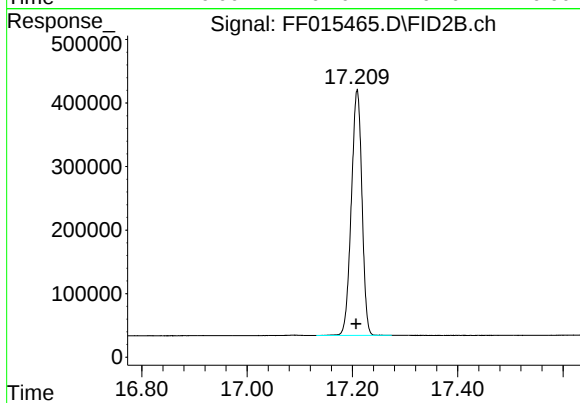
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: 0.003 min
Response: 5810163
Conc: 46.77 ug/ml



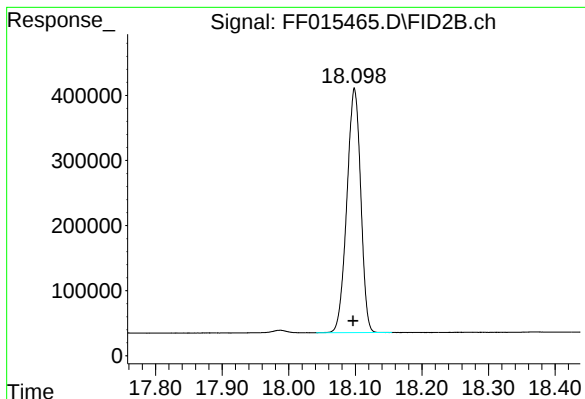
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.002 min
Response: 5586805
Conc: 46.74 ug/ml



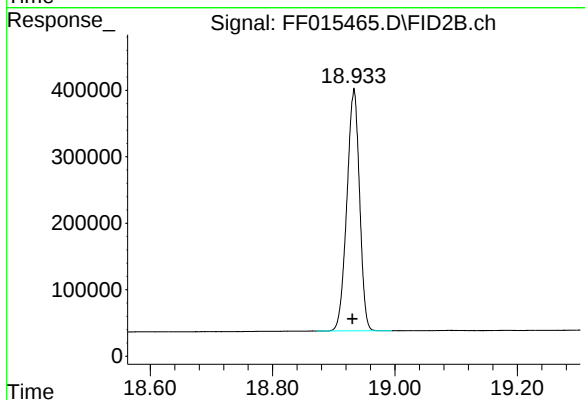
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.002 min
Response: 5410958
Conc: 46.31 ug/ml



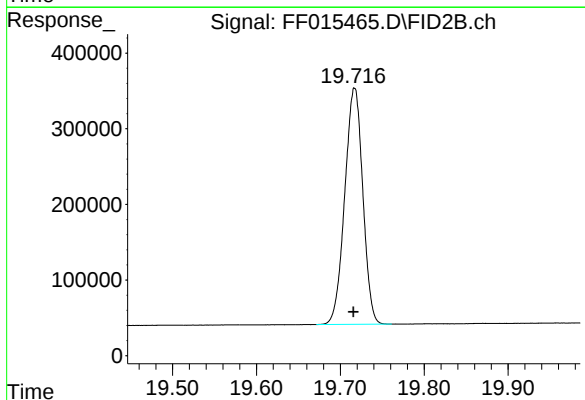
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.002 min
Response: 5429815
Conc: 45.91 ug/ml



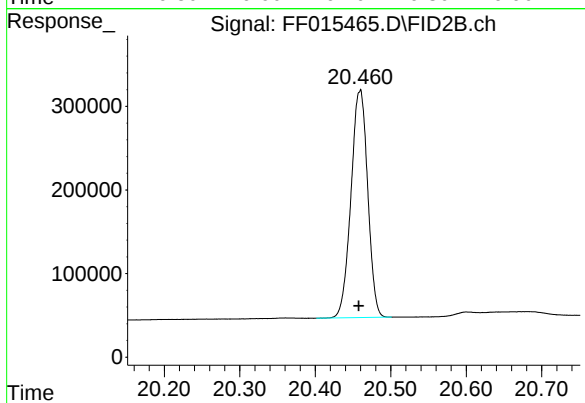
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.002 min
Response: 5225703
Conc: 45.50 ug/ml



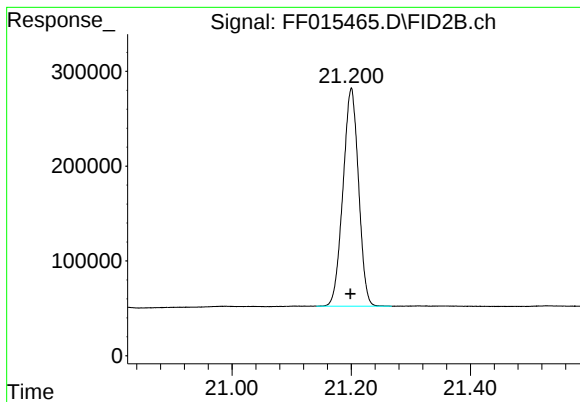
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.001 min
Response: 4669734
Conc: 46.09 ug/ml



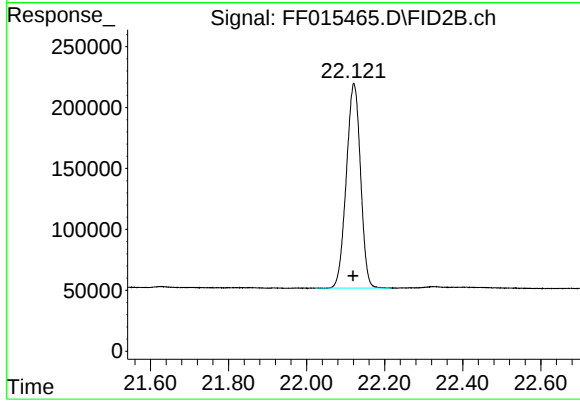
#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: 0.002 min
Response: 4184689
Conc: 46.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.002 min
Response: 4165176
Conc: 46.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: 0.003 min
Response: 4243160
Conc: 46.77 ug/ml