

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
 Data File : FE039460.D
 Signal(s) : FID1B.ch
 Acq On : 23 Dec 2022 10:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 23 12:23:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 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)	11.934	3017219	20.218 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	13.370	2311673	20.084 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T n-Nonane (C9)	3.326	2526674	19.547 ug/ml
2) T n-Decane (C10)	4.575	2543276	19.960 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2901764	20.073 ug/ml
4) T n-Dodecane (C12)	6.739	2560878	19.726 ug/ml
5) T A~2-methylnaphthalene...	7.373	2741998	20.246 ug/ml
6) T n-Tetradecane (C14)	8.566	2618517	19.761 ug/ml
7) T n-Hexadecane (C16)	10.173	2726480	19.818 ug/ml
8) T n-Octadecane (C18)	11.616	2794622	19.953 ug/ml
10) T n-Eicosane (C20)	12.924	2730918	20.006 ug/ml
11) T n-Heneicosane (C21)	13.537	2738319	20.077 ug/ml
13) T n-Docosane (C22)	14.124	2712477	20.052 ug/ml
14) T n-Tetracosane (C24)	15.227	2698328	20.101 ug/ml
15) T n-Hexacosane (C26)	16.249	2609305	20.039 ug/ml
16) T n-Octacosane (C28)	17.199	2651684	20.603 ug/ml
17) T n-Tricontane (C30)	18.087	2840256	22.060 ug/ml
18) T n-Dotriacontane (C32)	18.921	2886121	22.287 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2707468	21.460 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2435574	20.142 ug/ml
21) T n-Octatriacontane (C38)	21.185	2492463	20.182 ug/ml
22) T n-Tetracontane (C40)	22.098	2242688	17.858 ug/ml

(f)=RT Delta > 1/2 Window

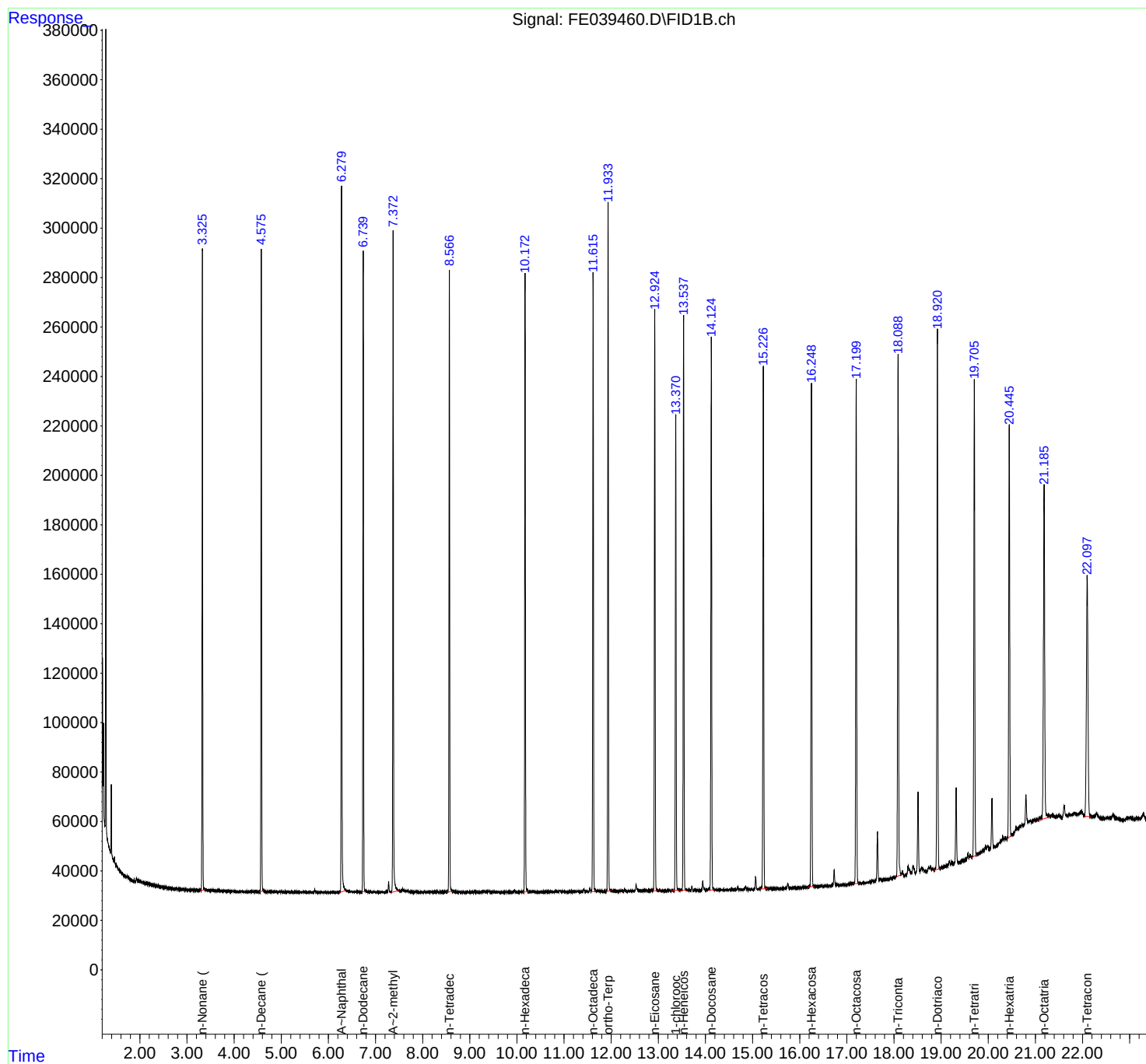
(m)=manual int.

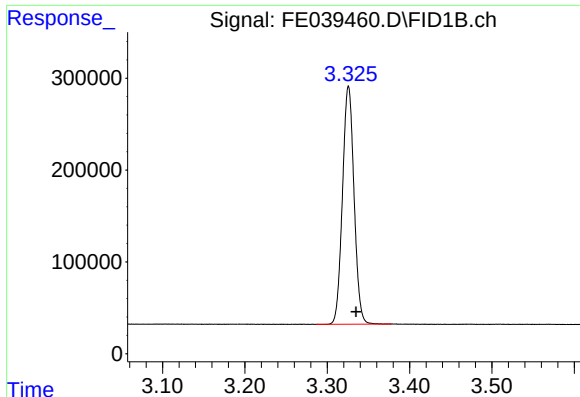
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122322AL\
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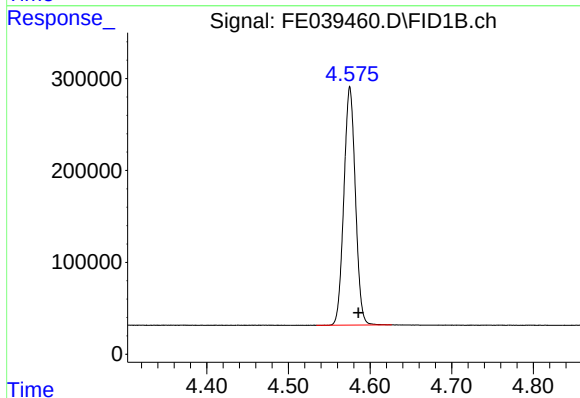




#1 n-Nonane (C9)

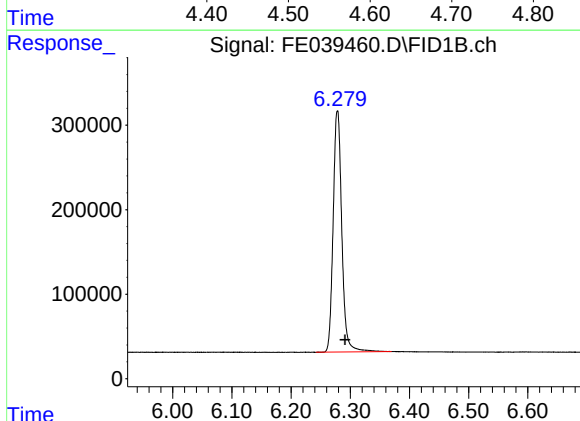
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2526674
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



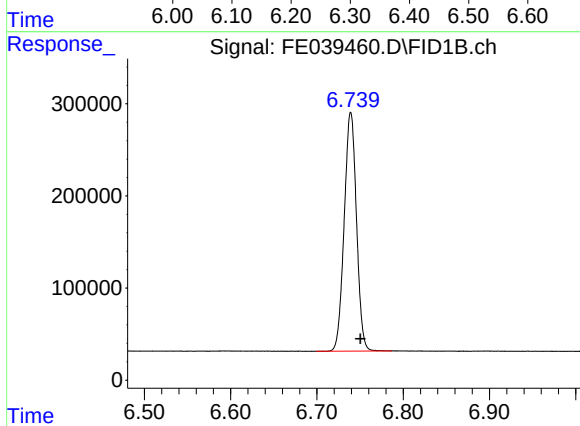
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.010 min
Response: 2543276
Conc: 19.96 ug/ml



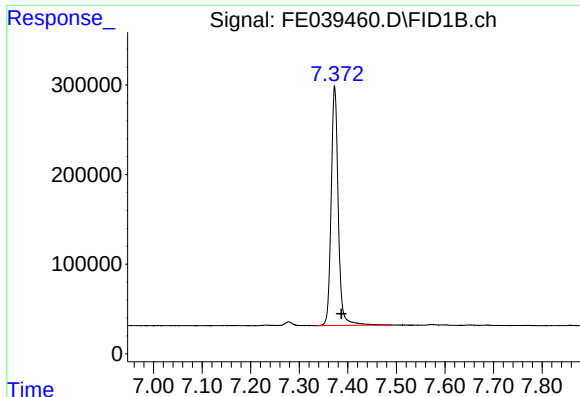
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.012 min
Response: 2901764
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

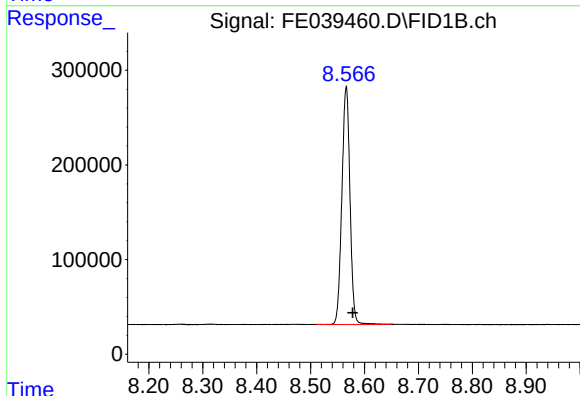
R.T.: 6.739 min
Delta R.T.: -0.011 min
Response: 2560878
Conc: 19.73 ug/ml



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

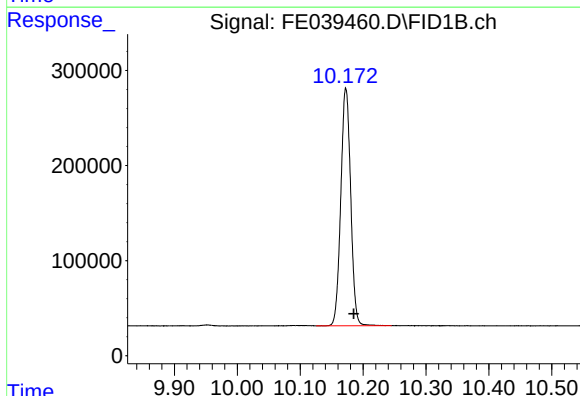
R.T.: 7.373 min
Delta R.T.: -0.014 min
Response: 2741998
Conc: 20.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



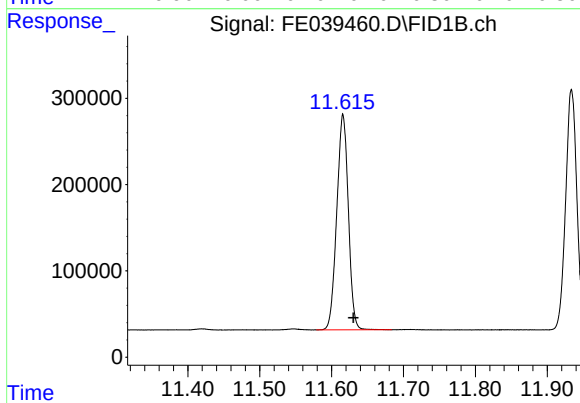
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.012 min
Response: 2618517
Conc: 19.76 ug/ml



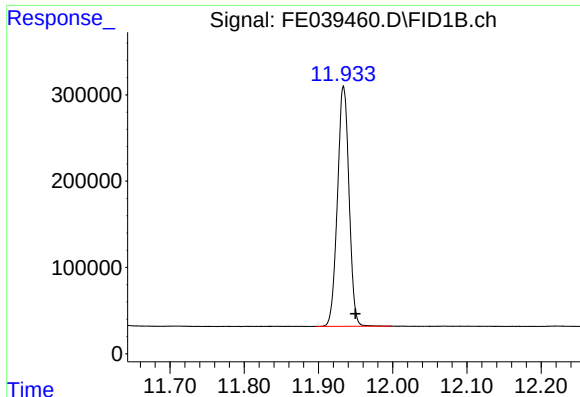
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.012 min
Response: 2726480
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

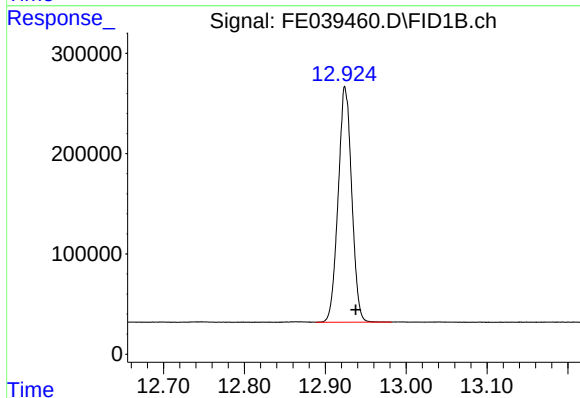
R.T.: 11.616 min
Delta R.T.: -0.014 min
Response: 2794622
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

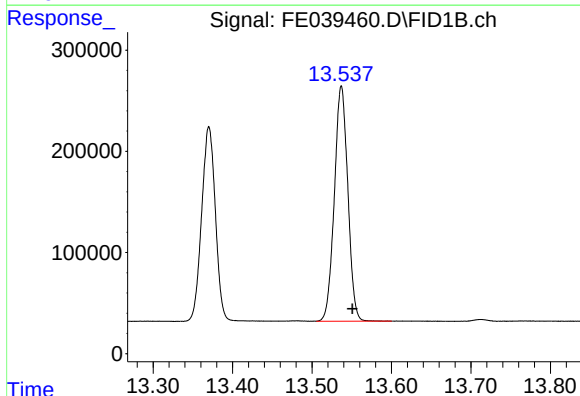
R.T.: 11.934 min
Delta R.T.: -0.016 min
Response: 3017219
Conc: 20.22 ug/ml

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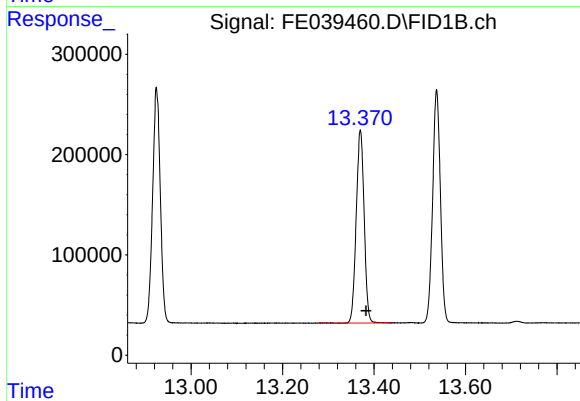
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.013 min
Response: 2730918
Conc: 20.01 ug/ml



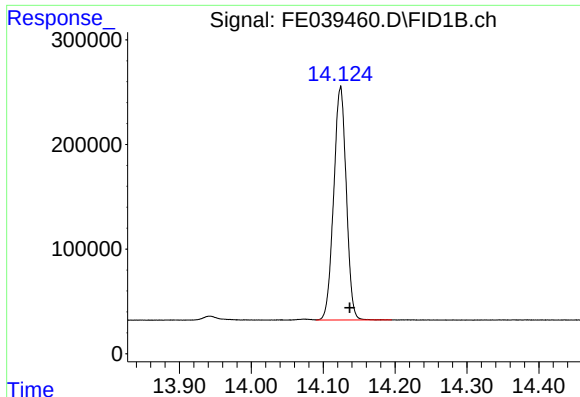
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.014 min
Response: 2738319
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

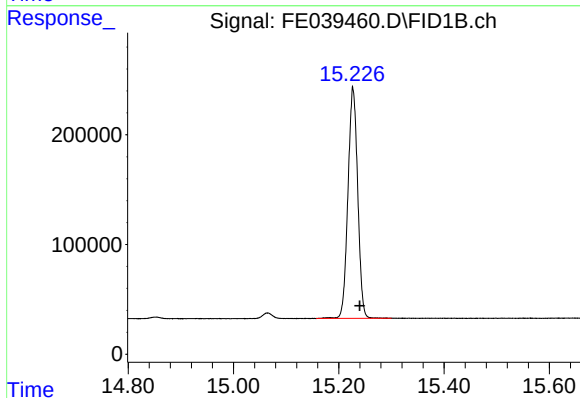
R.T.: 13.370 min
Delta R.T.: -0.013 min
Response: 2311673
Conc: 20.08 ug/ml



#13 n-Docosane (C22)

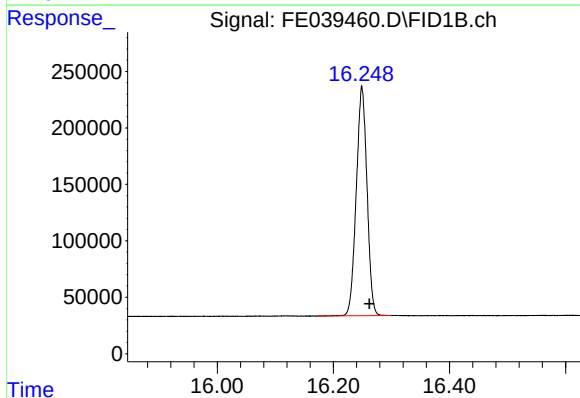
R.T.: 14.124 min
Delta R.T.: -0.013 min
Response: 2712477
Conc: 20.05 ug/ml

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20 PPM ALIPHATIC HC STD



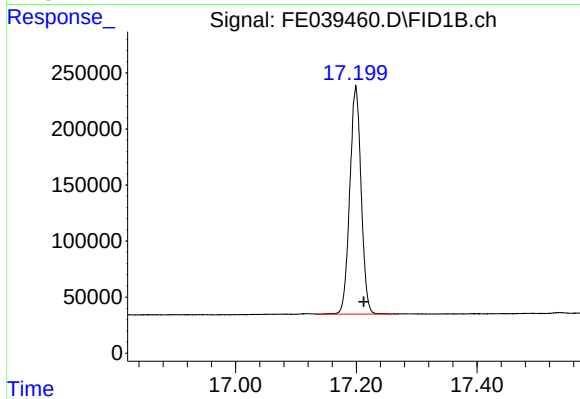
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.013 min
Response: 2698328
Conc: 20.10 ug/ml



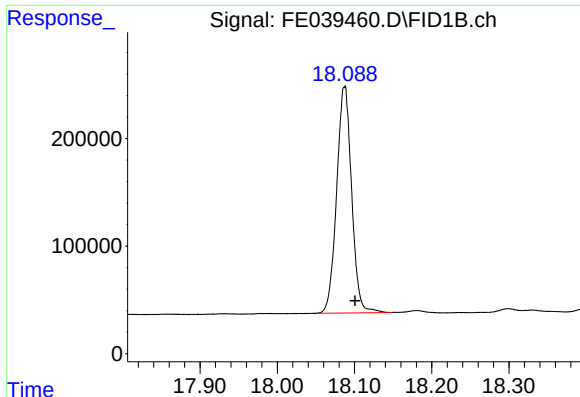
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.013 min
Response: 2609305
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

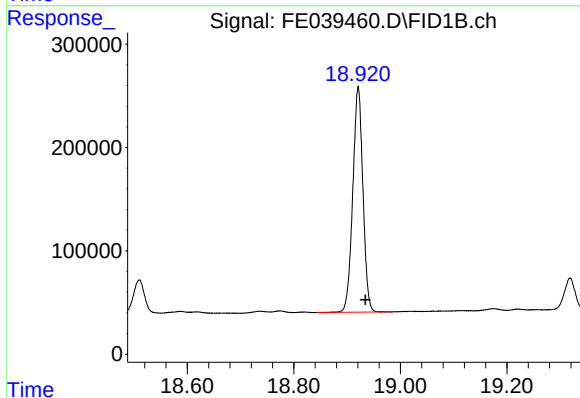
R.T.: 17.199 min
Delta R.T.: -0.013 min
Response: 2651684
Conc: 20.60 ug/ml



#17 n-Tricontane (C30)

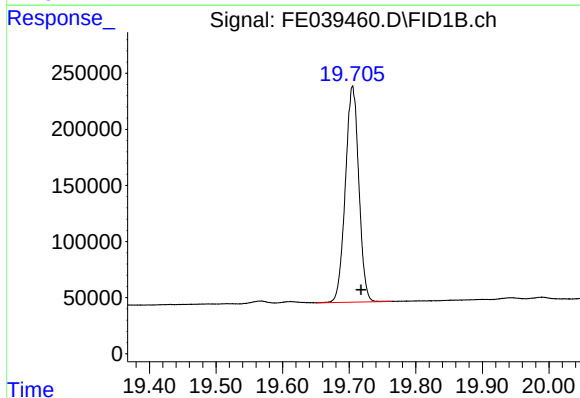
R.T.: 18.087 min
Delta R.T.: -0.014 min
Response: 2840256
Conc: 22.06 ug/ml

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20 PPM ALIPHATIC HC STD



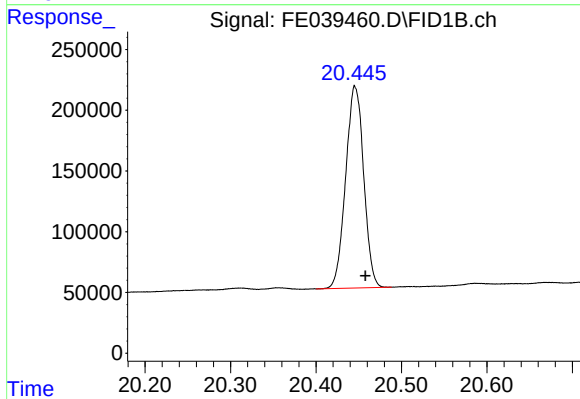
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 2886121
Conc: 22.29 ug/ml



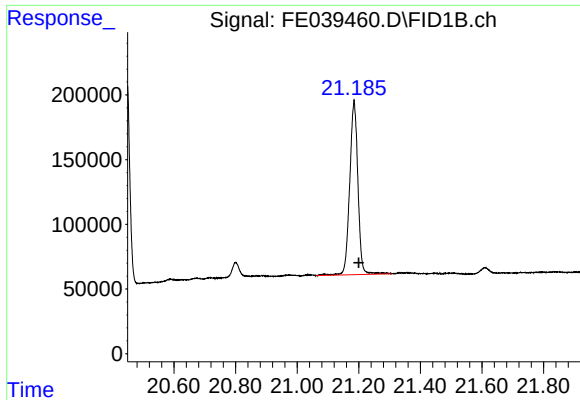
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.013 min
Response: 2707468
Conc: 21.46 ug/ml



#20 n-Hexatriacontane (C36)

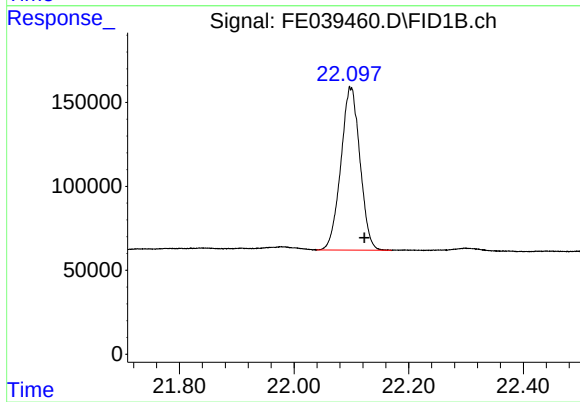
R.T.: 20.446 min
Delta R.T.: -0.012 min
Response: 2435574
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.015 min
Response: 2492463
Conc: 20.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.024 min
Response: 2242688
Conc: 17.86 ug/ml