

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111023AL\
 Data File : FE045279.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2023 08:40
 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: Nov 10 12:04:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.878	3800640	19.906 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	13.320	2711685	19.687 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.267	3269696	19.792 ug/ml
2) T n-Decane (C10)	4.518	3369232	20.093 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3561719	19.954 ug/ml
4) T n-Dodecane (C12)	6.683	3401349	20.140 ug/ml
5) T A~2-methylnaphthalene...	7.312	3421227	19.924 ug/ml
6) T n-Tetradecane (C14)	8.510	3327896	19.967 ug/ml
7) T n-Hexadecane (C16)	10.120	3354602	19.944 ug/ml
8) T n-Octadecane (C18)	11.564	3318660	19.828 ug/ml
10) T n-Eicosane (C20)	12.875	3135493	19.794 ug/ml
11) T n-Heneicosane (C21)	13.489	3045423	19.807 ug/ml
13) T n-Docosane (C22)	14.076	3006649	19.844 ug/ml
14) T n-Tetracosane (C24)	15.181	2978377	20.109 ug/ml
15) T n-Hexacosane (C26)	16.204	2947564	20.223 ug/ml
16) T n-Octacosane (C28)	17.154	3006397	20.574 ug/ml
17) T n-Tricontane (C30)	18.043	3221646	21.209 ug/ml
18) T n-Dotriacontane (C32)	18.877	3376623	21.614 ug/ml
19) T n-Tetratriacontane (C34)	19.663	3342816	21.409 ug/ml
20) T n-Hexatriacontane (C36)	20.404	3386909	20.866 ug/ml
21) T n-Octatriacontane (C38)	21.139	3351911	20.175 ug/ml
22) T n-Tetracontane (C40)	22.049	3230544	18.913 ug/ml

(f)=RT Delta > 1/2 Window

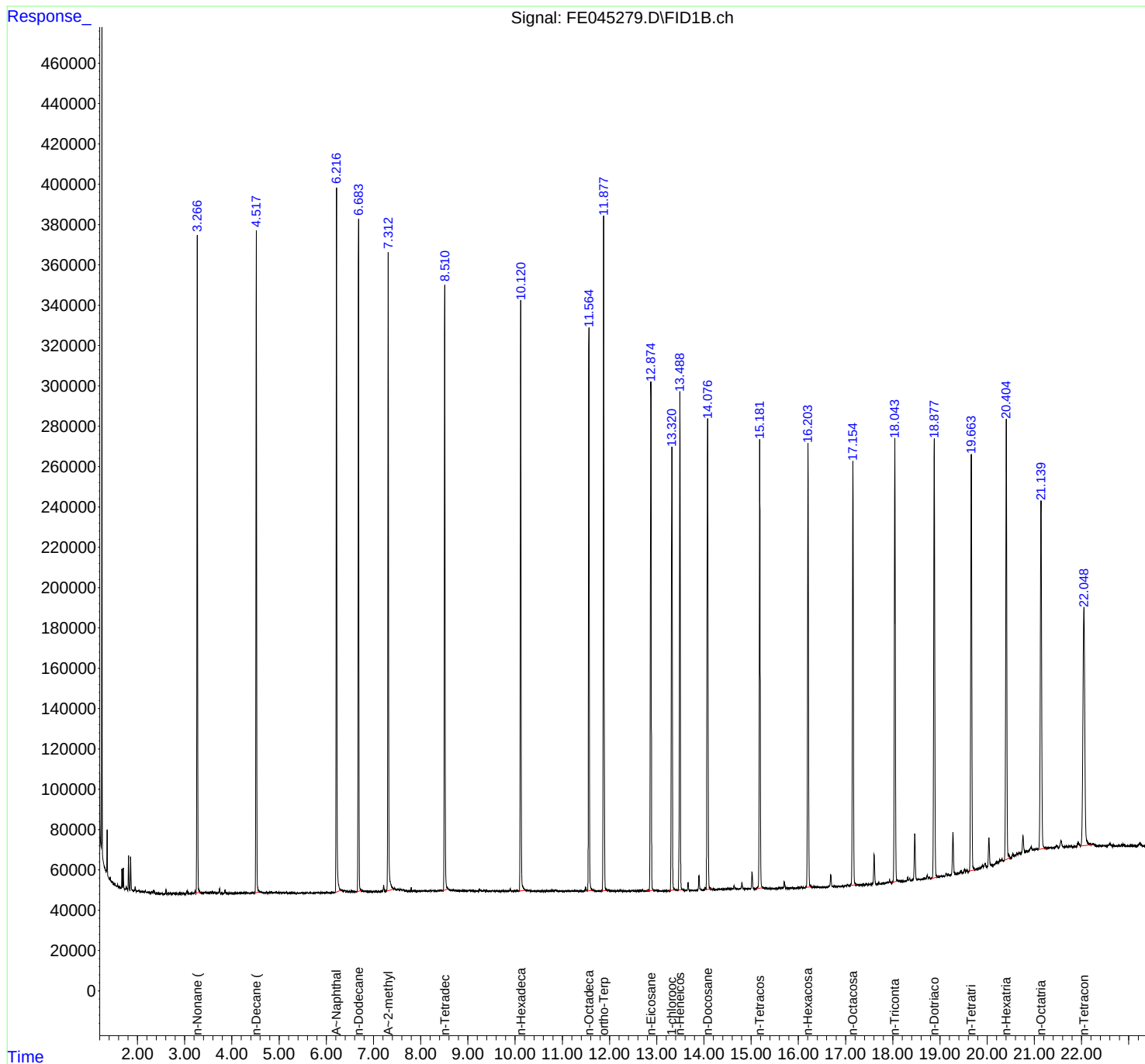
(m)=manual int.

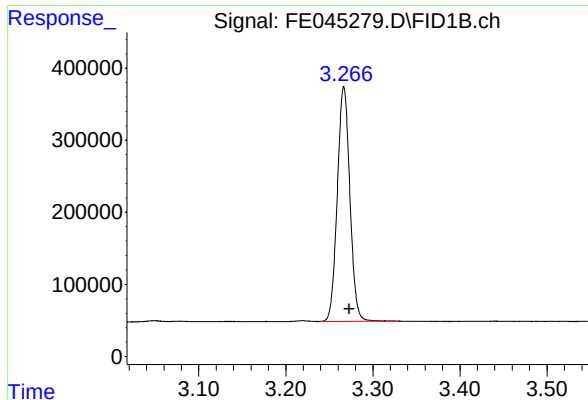
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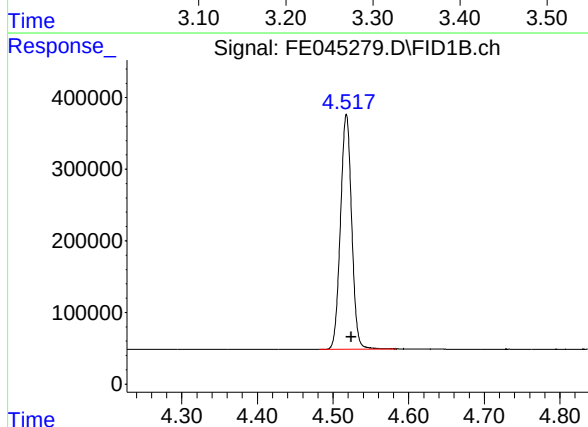




#1 n-Nonane (C9)

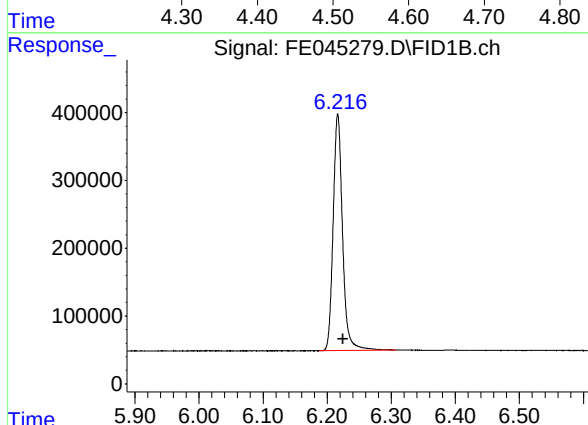
R.T.: 3.267 min
Delta R.T.: -0.006 min
Response: 3269696
Conc: 19.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



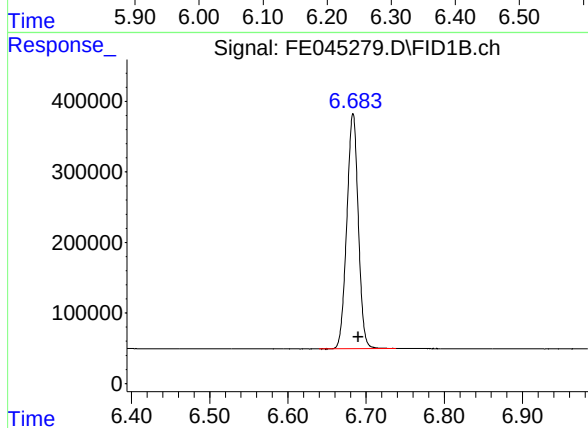
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.007 min
Response: 3369232
Conc: 20.09 ug/ml



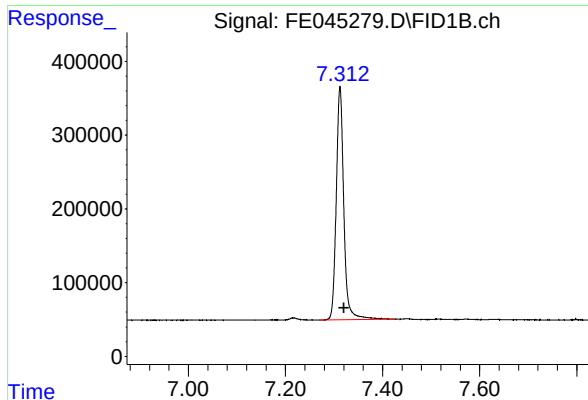
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.008 min
Response: 3561719
Conc: 19.95 ug/ml



#4 n-Dodecane (C12)

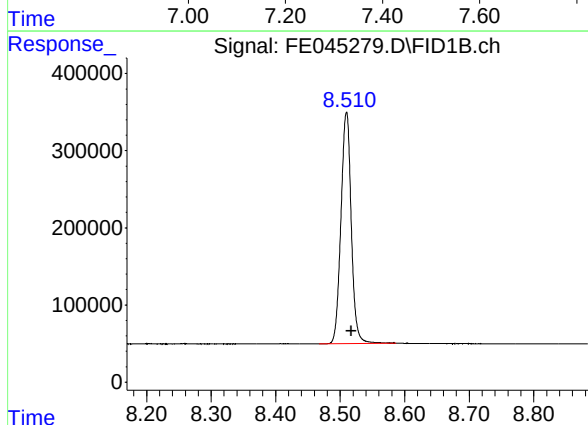
R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 3401349
Conc: 20.14 ug/ml



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

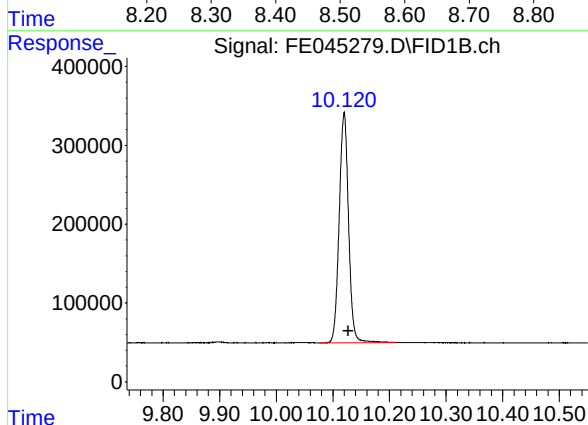
R.T.: 7.312 min
Delta R.T.: -0.008 min
Response: 3421227
Conc: 19.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



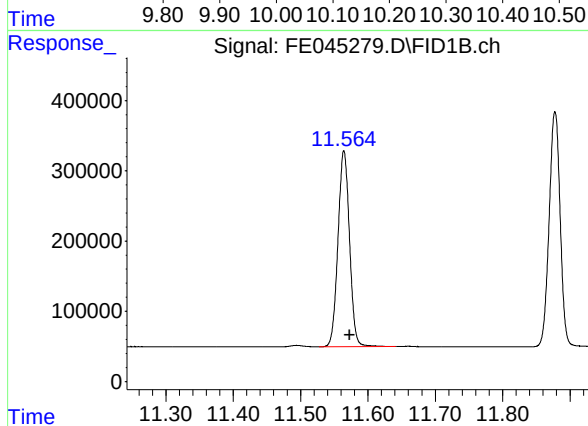
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.008 min
Response: 3327896
Conc: 19.97 ug/ml



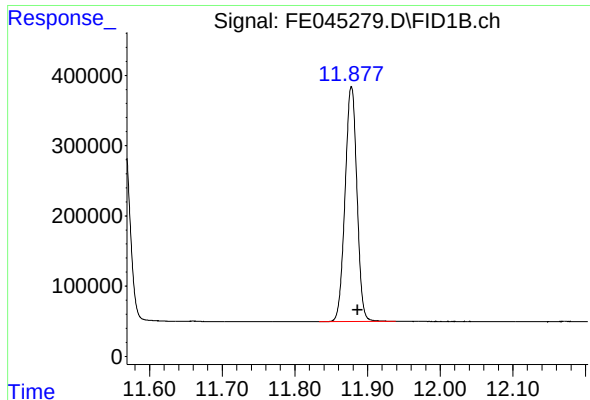
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.007 min
Response: 3354602
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

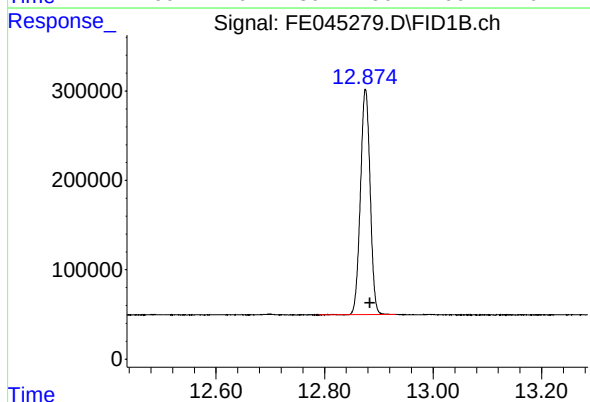
R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 3318660
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

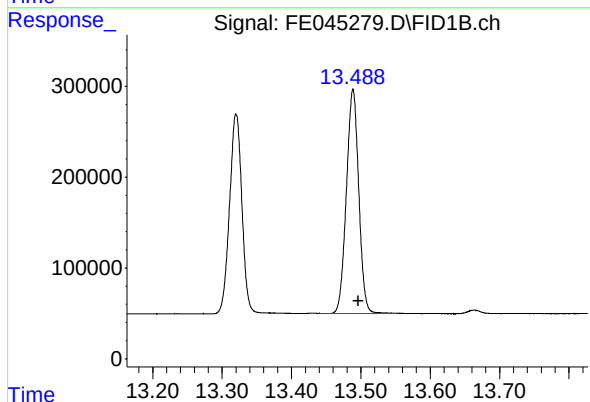
R.T.: 11.878 min
Delta R.T.: -0.009 min
Response: 3800640
Conc: 19.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



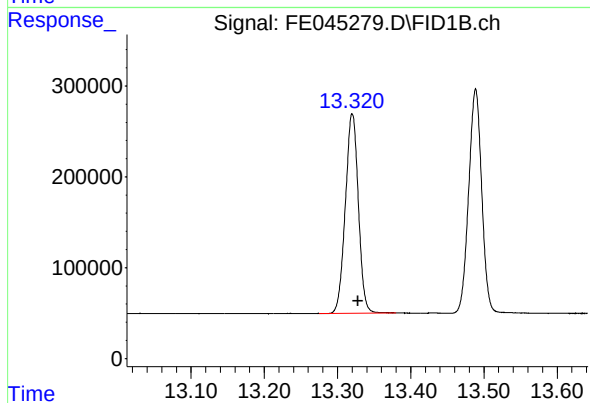
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.008 min
Response: 3135493
Conc: 19.79 ug/ml



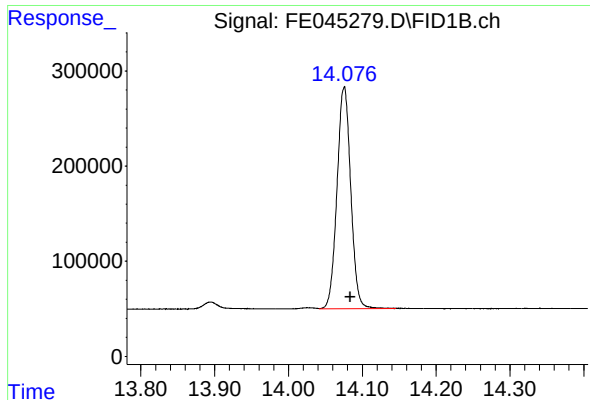
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.008 min
Response: 3045423
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

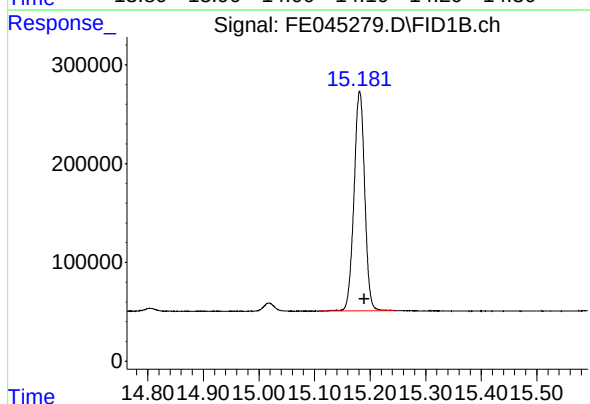
R.T.: 13.320 min
Delta R.T.: -0.008 min
Response: 2711685
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

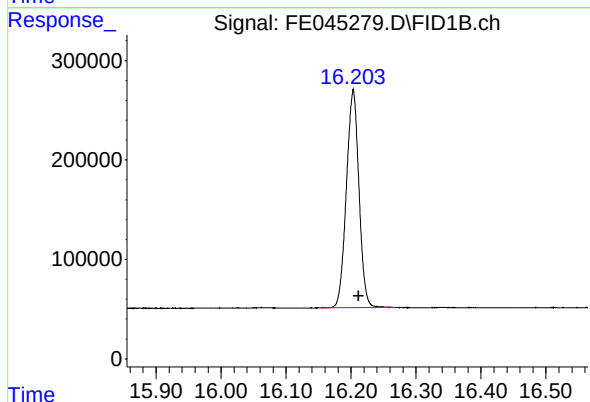
R.T.: 14.076 min
Delta R.T.: -0.008 min
Response: 3006649
Conc: 19.84 ug/ml

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20 PPM ALIPHATIC HC STD



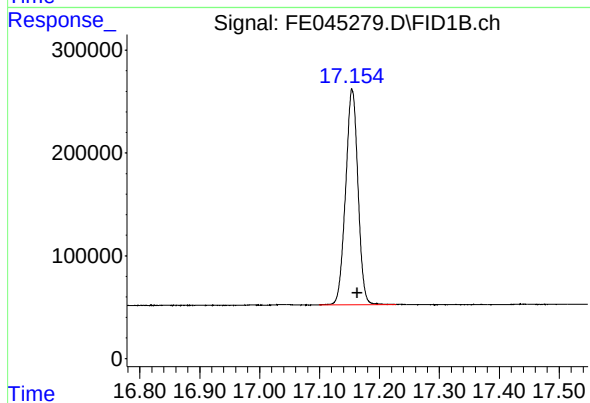
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.008 min
Response: 2978377
Conc: 20.11 ug/ml



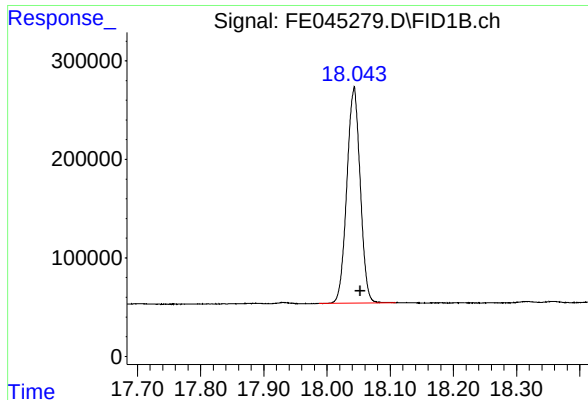
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.008 min
Response: 2947564
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

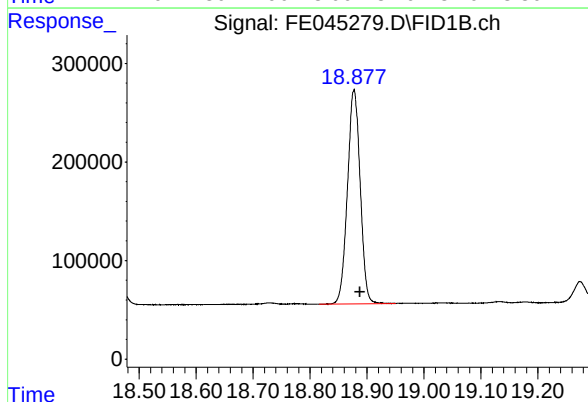
R.T.: 17.154 min
Delta R.T.: -0.009 min
Response: 3006397
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

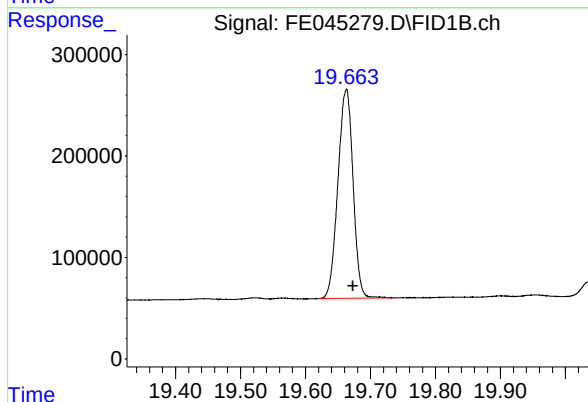
R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 3221646
Conc: 21.21 ug/ml

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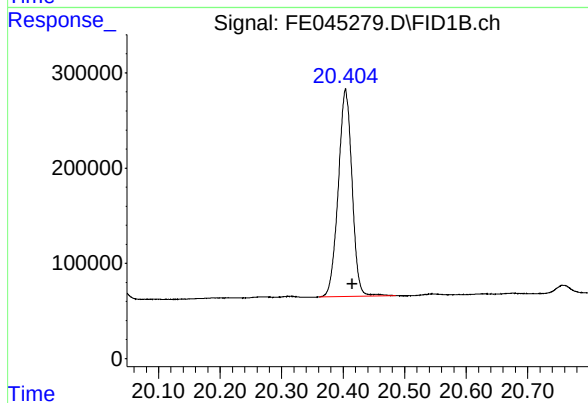
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.010 min
Response: 3376623
Conc: 21.61 ug/ml



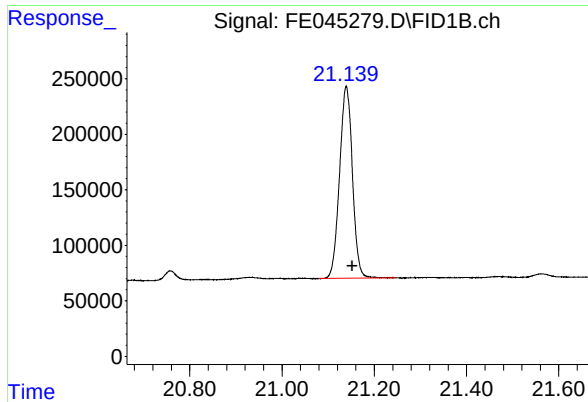
#19 n-Tetratriacontane (C34)

R.T.: 19.663 min
Delta R.T.: -0.010 min
Response: 3342816
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

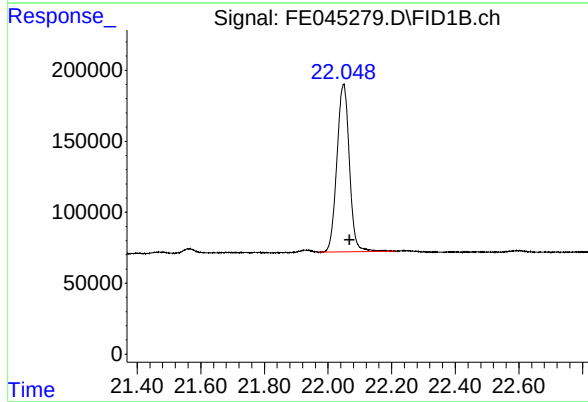
R.T.: 20.404 min
Delta R.T.: -0.011 min
Response: 3386909
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.139 min
Delta R.T.: -0.013 min
Response: 3351911
Conc: 20.17 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: -0.018 min
Response: 3230544
Conc: 18.91 ug/ml