

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030425AL\
 Data File : FE052601.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2025 22:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 05 04:17:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.911	3559426	21.113 ug/ml
Spiked Amount 50.000		Recovery =	42.23%
12) S 1-chlorooctadecane (S...	13.356	2652070	21.841 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	3.252	3350967	21.612 ug/ml
2) T n-Decane (C10)	4.514	3414858	21.737 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3701350	21.825 ug/ml
4) T n-Dodecane (C12)	6.696	3372784	21.662 ug/ml
5) T A~2-methylnaphthalene...	7.330	3542999	21.863 ug/ml
6) T n-Tetradecane (C14)	8.532	3263287	21.567 ug/ml
7) T n-Hexadecane (C16)	10.147	3308185	21.638 ug/ml
8) T n-Octadecane (C18)	11.596	3284845	21.591 ug/ml
10) T n-Eicosane (C20)	12.910	3122059	21.506 ug/ml
11) T n-Heneicosane (C21)	13.524	3062821	21.519 ug/ml
13) T n-Docosane (C22)	14.113	3051241	21.441 ug/ml
14) T n-Tetracosane (C24)	15.219	3030113	21.174 ug/ml
15) T n-Hexacosane (C26)	16.244	3001800	21.111 ug/ml
16) T n-Octacosane (C28)	17.196	2997642	21.081 ug/ml
17) T n-Tricontane (C30)	18.087	3082603	20.871 ug/ml
18) T n-Dotriacontane (C32)	18.921	3025257	20.838 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2713771	20.135 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2427381	20.428 ug/ml
21) T n-Octatriacontane (C38)	21.191	2426316	21.871 ug/ml
22) T n-Tetracontane (C40)	22.113	2526046	23.364 ug/ml

(f)=RT Delta > 1/2 Window

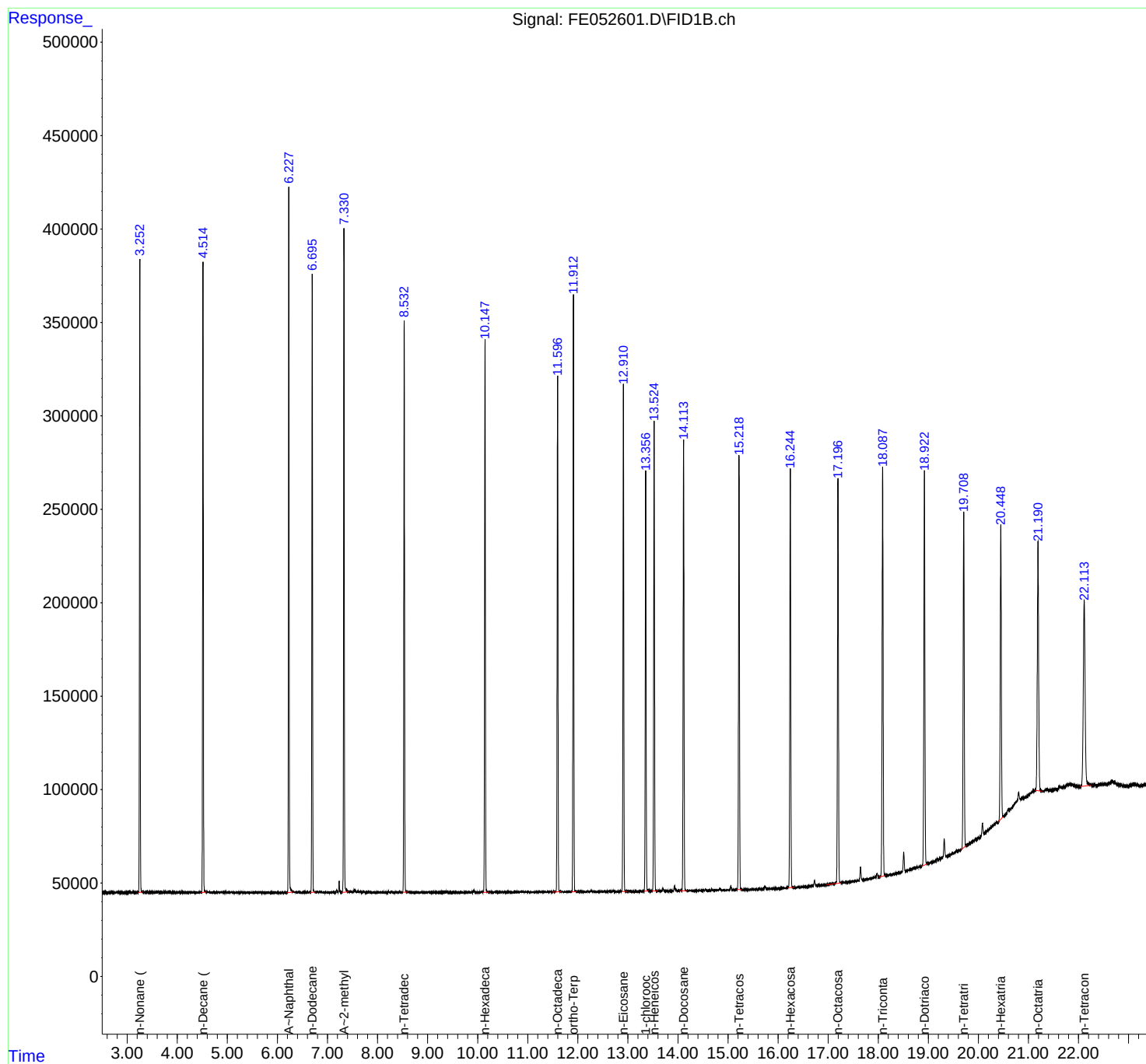
(m)=manual int.

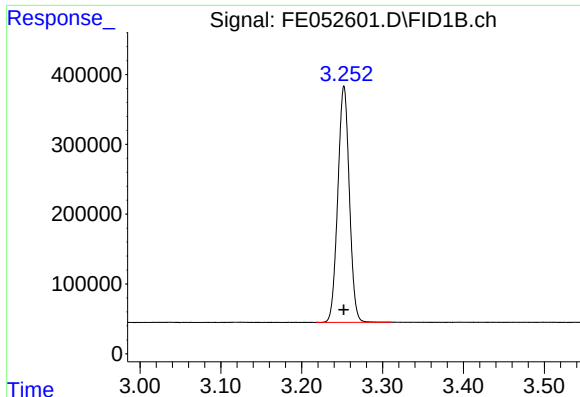
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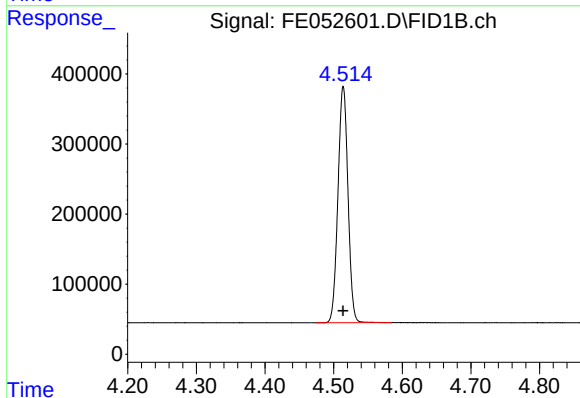




#1 n-Nonane (C9)

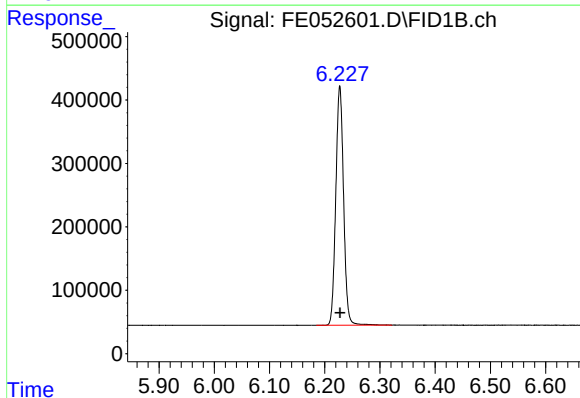
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3350967
Conc: 21.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



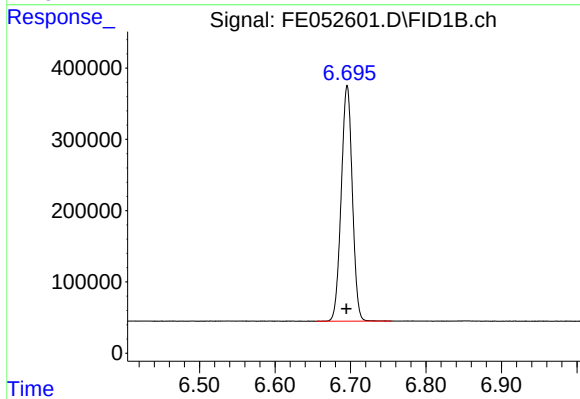
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3414858
Conc: 21.74 ug/ml



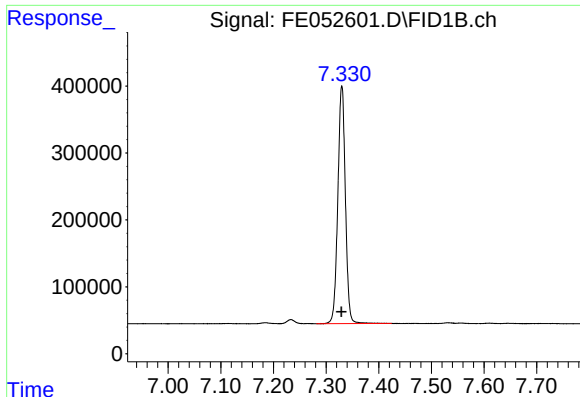
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 3701350
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

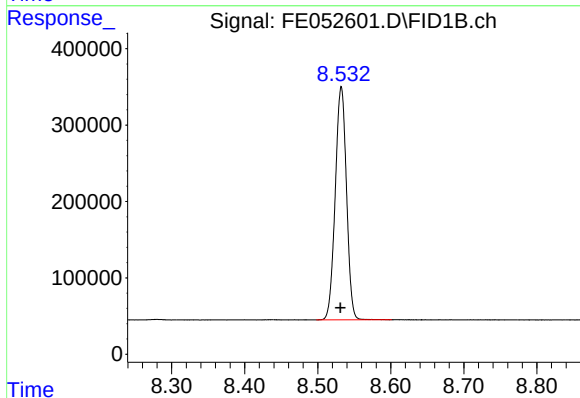
R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 3372784
Conc: 21.66 ug/ml



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

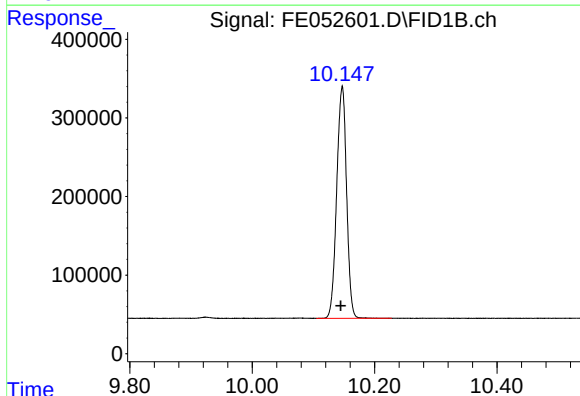
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 3542999
Conc: 21.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



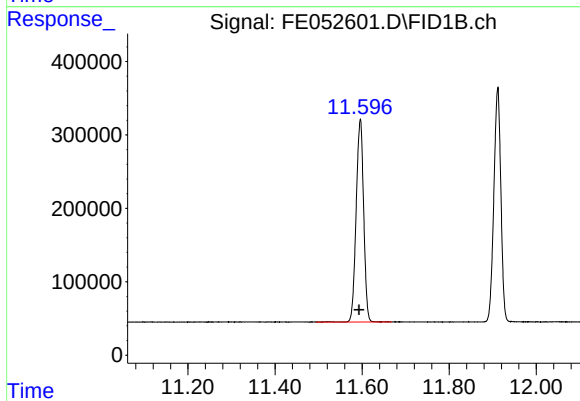
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 3263287
Conc: 21.57 ug/ml



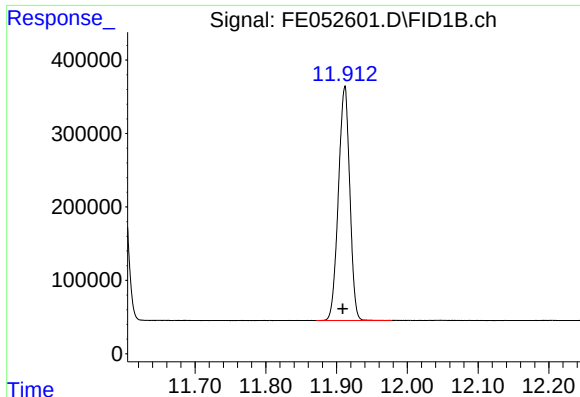
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 3308185
Conc: 21.64 ug/ml



#8 n-Octadecane (C18)

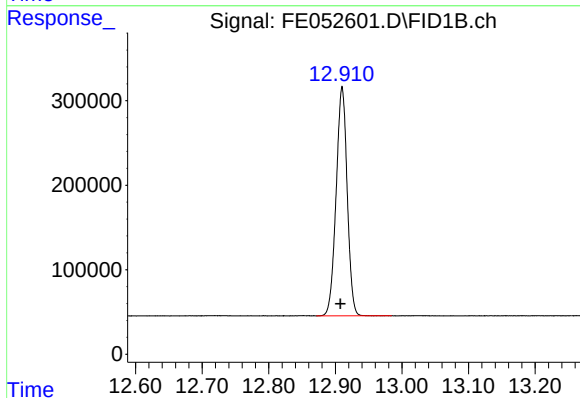
R.T.: 11.596 min
Delta R.T.: 0.002 min
Response: 3284845
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

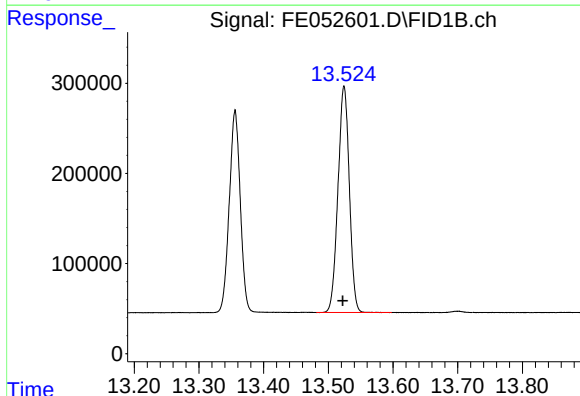
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 3559426
Conc: 21.11 ug/ml

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20 PPM ALIPHATIC HC STD



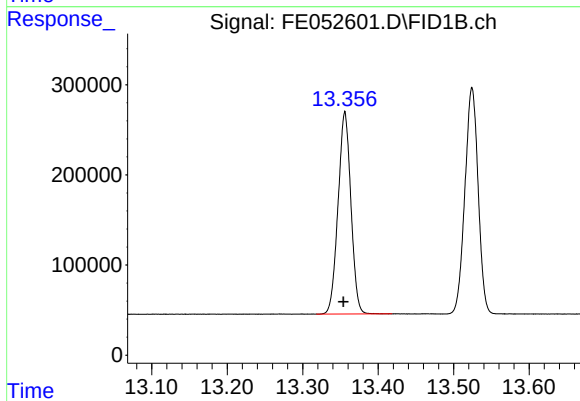
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.003 min
Response: 3122059
Conc: 21.51 ug/ml



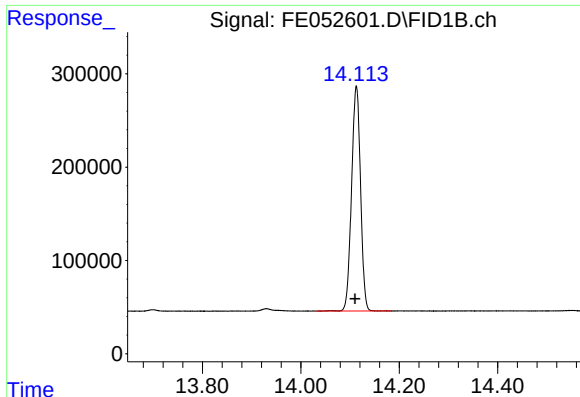
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 3062821
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

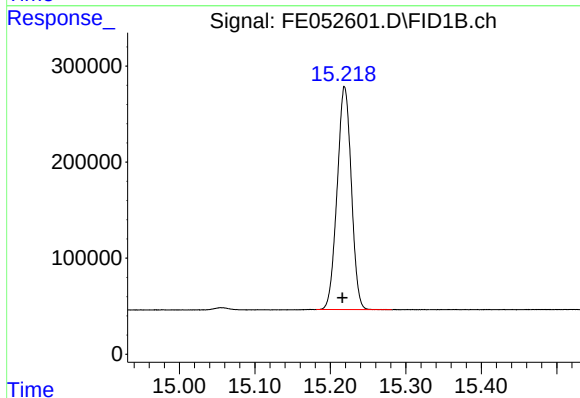
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2652070
Conc: 21.84 ug/ml



#13 n-Docosane (C22)

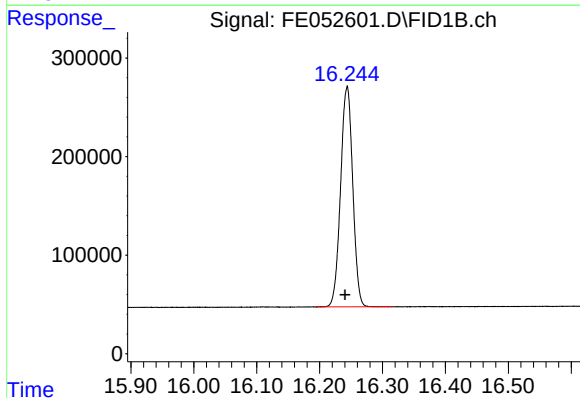
R.T.: 14.113 min
Delta R.T.: 0.003 min
Response: 3051241
Conc: 21.44 ug/ml

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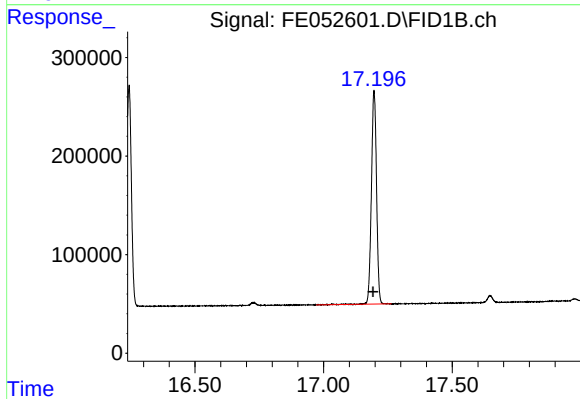
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.003 min
Response: 3030113
Conc: 21.17 ug/ml



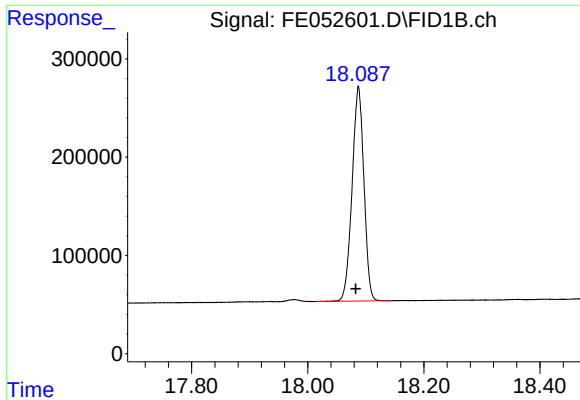
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.003 min
Response: 3001800
Conc: 21.11 ug/ml



#16 n-Octacosane (C28)

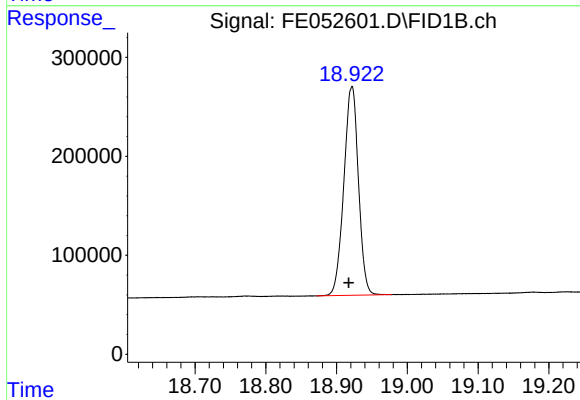
R.T.: 17.196 min
Delta R.T.: 0.004 min
Response: 2997642
Conc: 21.08 ug/ml



#17 n-Tricontane (C30)

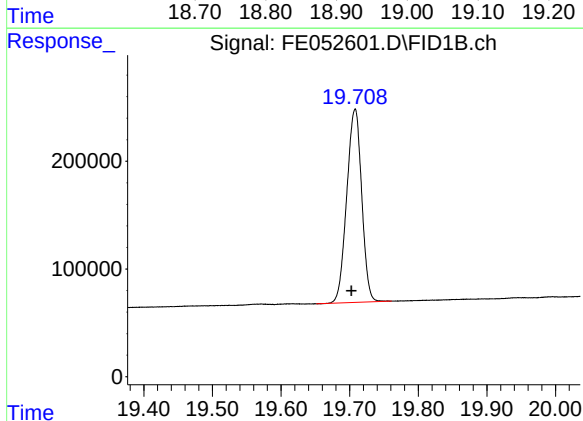
R.T.: 18.087 min
Delta R.T.: 0.005 min
Response: 3082603
Conc: 20.87 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



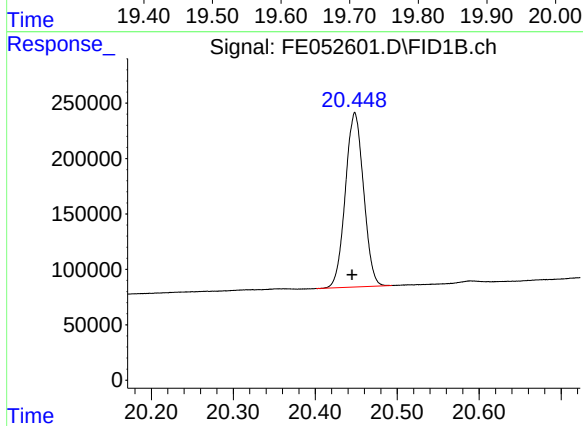
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 3025257
Conc: 20.84 ug/ml



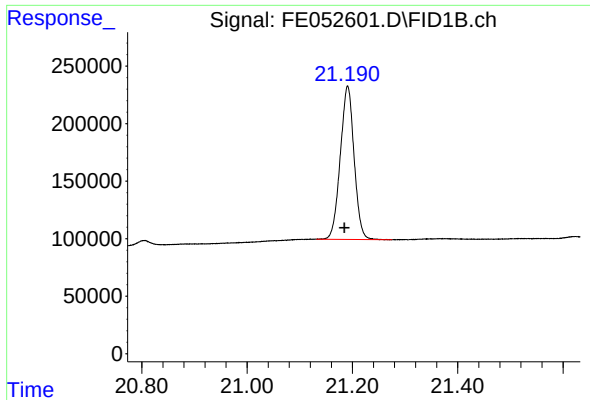
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.005 min
Response: 2713771
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

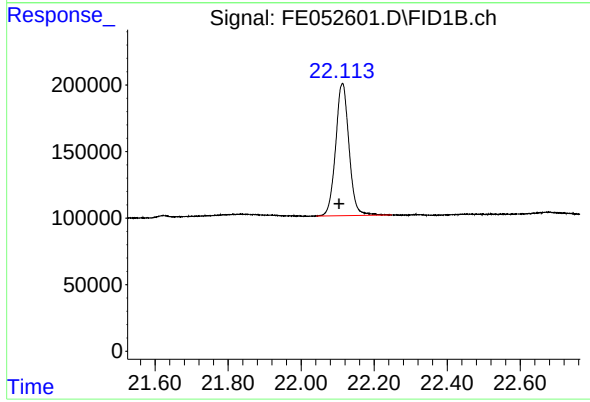
R.T.: 20.448 min
Delta R.T.: 0.003 min
Response: 2427381
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: 0.006 min
Response: 2426316
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.009 min
Response: 2526046
Conc: 23.36 ug/ml