

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052124AL\
 Data File : FE048316.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2024 20:39
 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: May 22 02:27:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.956	2378133	16.484 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
12) S 1-chlorooctadecane (S...	13.388	1821162	16.298 ug/ml
Spiked Amount 50.000		Recovery =	32.60%
Target Compounds			
1) T n-Nonane (C9)	3.342	2221206	17.235 ug/ml
2) T n-Decane (C10)	4.591	2393139	18.177 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2359329	17.086 ug/ml
4) T n-Dodecane (C12)	6.756	2379552	17.849 ug/ml
5) T A~2-methylnaphthalene...	7.393	2229658	16.755 ug/ml
6) T n-Tetradecane (C14)	8.585	2306606	17.405 ug/ml
7) T n-Hexadecane (C16)	10.192	2323363	16.893 ug/ml
8) T n-Octadecane (C18)	11.634	2320206	16.657 ug/ml
10) T n-Eicosane (C20)	12.943	2225191	16.527 ug/ml
11) T n-Heneicosane (C21)	13.554	2168599	16.382 ug/ml
13) T n-Docosane (C22)	14.141	2219942	16.752 ug/ml
14) T n-Tetracosane (C24)	15.243	2344244	17.606 ug/ml
15) T n-Hexacosane (C26)	16.263	2441472	18.296 ug/ml
16) T n-Octacosane (C28)	17.211	2607841	19.586 ug/ml
17) T n-Tricontane (C30)	18.098	2899702	21.010 ug/ml
18) T n-Dotriacontane (C32)	18.929	2944051	21.314 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2631983	19.321 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2477163	18.295 ug/ml
21) T n-Octatriacontane (C38)	21.192	2346958	16.999 ug/ml
22) T n-Tetracontane (C40)	22.110	2613709	18.760 ug/ml

(f)=RT Delta > 1/2 Window

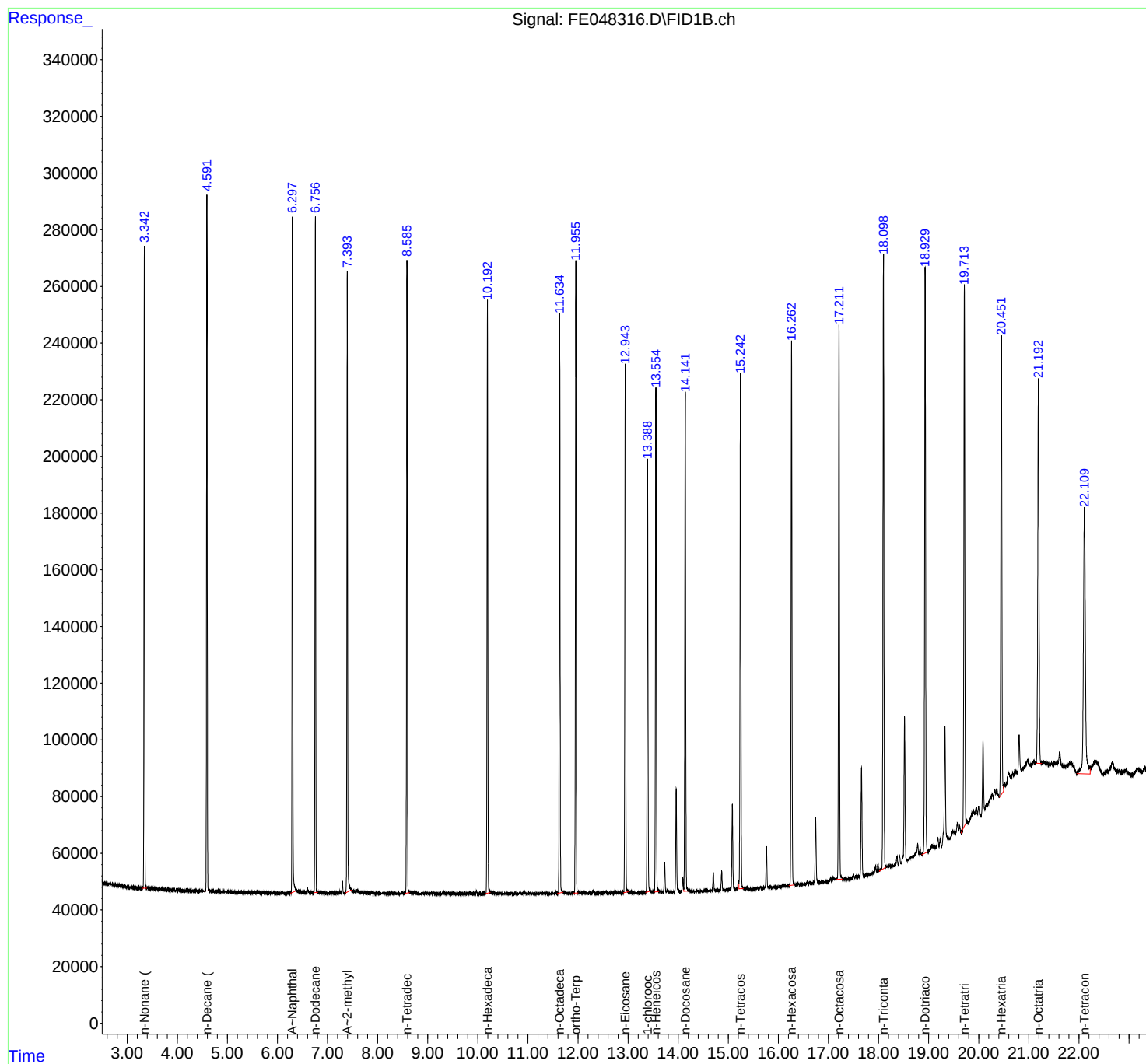
(m)=manual int.

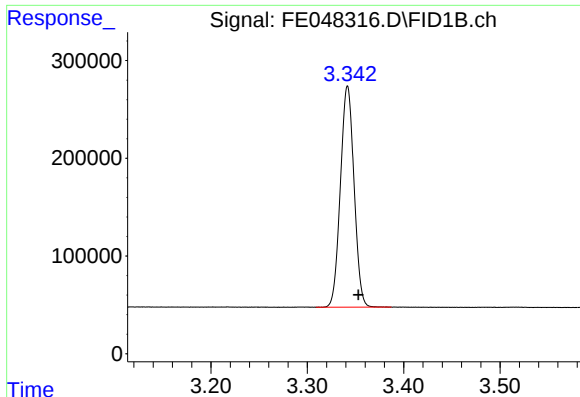
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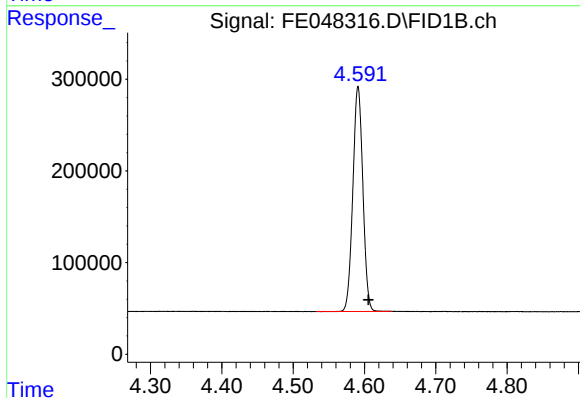




#1 n-Nonane (C9)

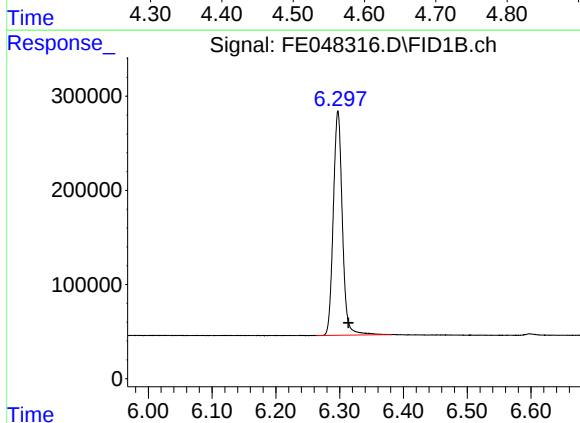
R.T.: 3.342 min
Delta R.T.: -0.011 min
Response: 2221206
Conc: 17.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



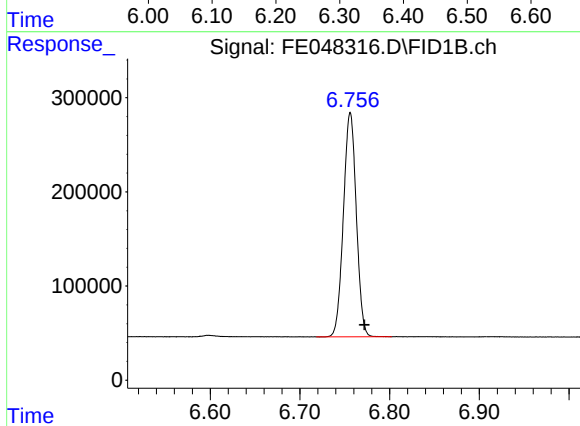
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.015 min
Response: 2393139
Conc: 18.18 ug/ml



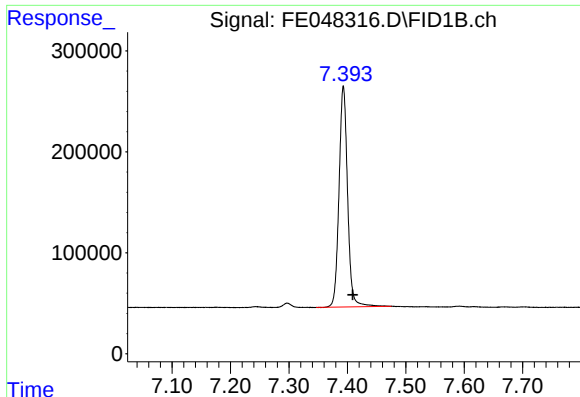
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.016 min
Response: 2359329
Conc: 17.09 ug/ml



#4 n-Dodecane (C12)

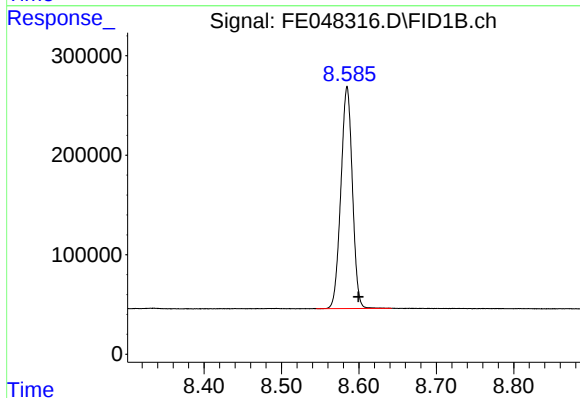
R.T.: 6.756 min
Delta R.T.: -0.016 min
Response: 2379552
Conc: 17.85 ug/ml



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

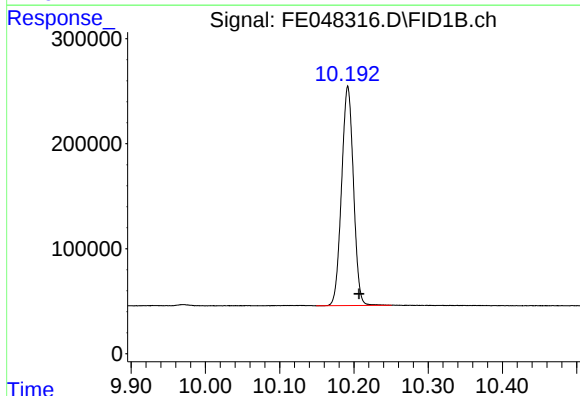
R.T.: 7.393 min
Delta R.T.: -0.016 min
Response: 2229658
Conc: 16.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



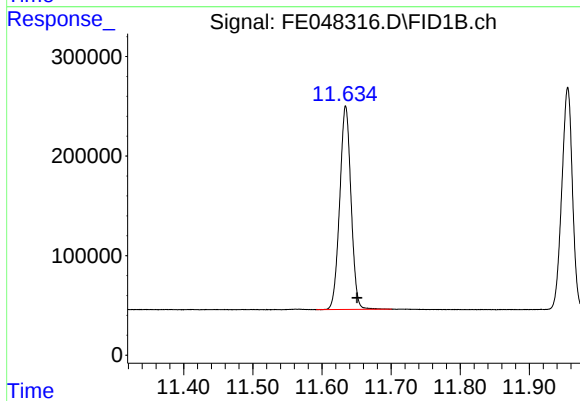
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.015 min
Response: 2306606
Conc: 17.41 ug/ml



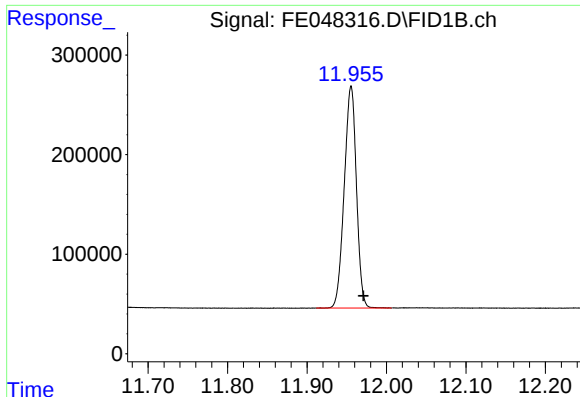
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 2323363
Conc: 16.89 ug/ml



#8 n-Octadecane (C18)

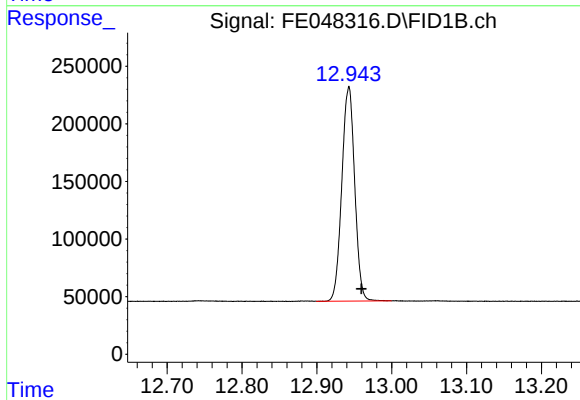
R.T.: 11.634 min
Delta R.T.: -0.016 min
Response: 2320206
Conc: 16.66 ug/ml



#9 ortho-Terphenyl (SURR)

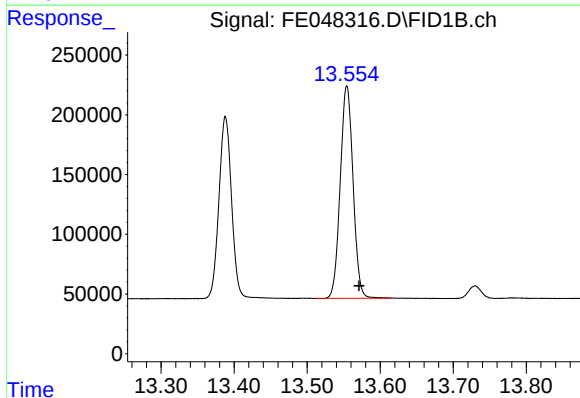
R.T.: 11.956 min
Delta R.T.: -0.015 min
Response: 2378133
Conc: 16.48 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



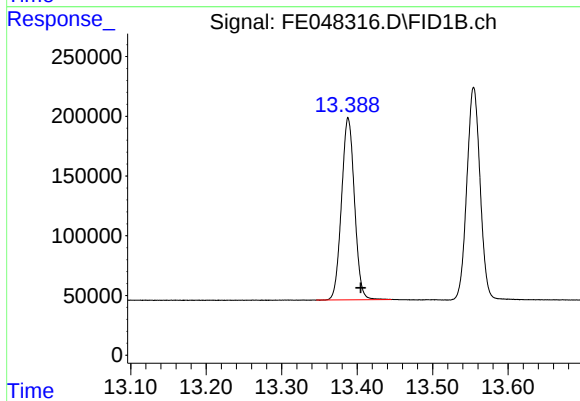
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 2225191
Conc: 16.53 ug/ml



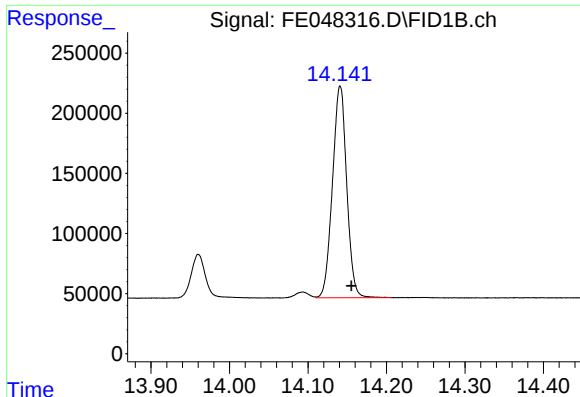
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.017 min
Response: 2168599
Conc: 16.38 ug/ml



#12 1-chlorooctadecane (SURR)

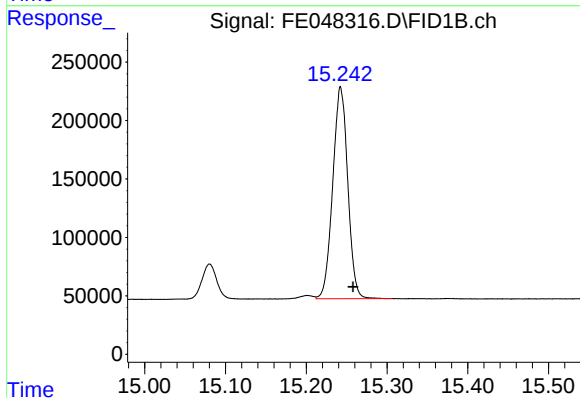
R.T.: 13.388 min
Delta R.T.: -0.017 min
Response: 1821162
Conc: 16.30 ug/ml



#13 n-Docosane (C22)

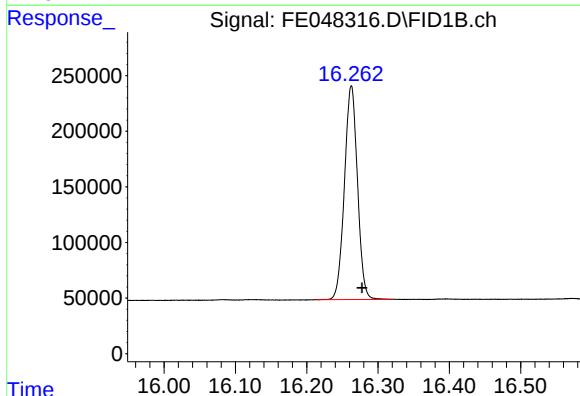
R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 2219942
Conc: 16.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



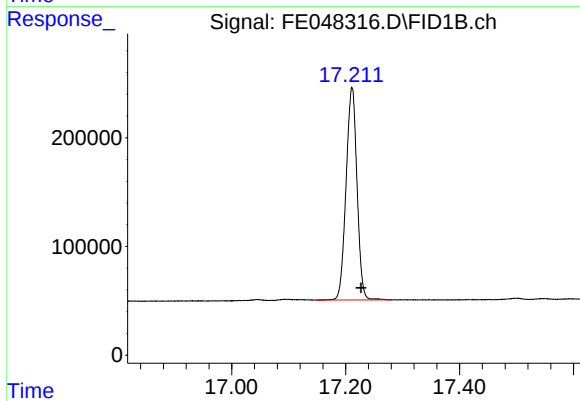
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.015 min
Response: 2344244
Conc: 17.61 ug/ml



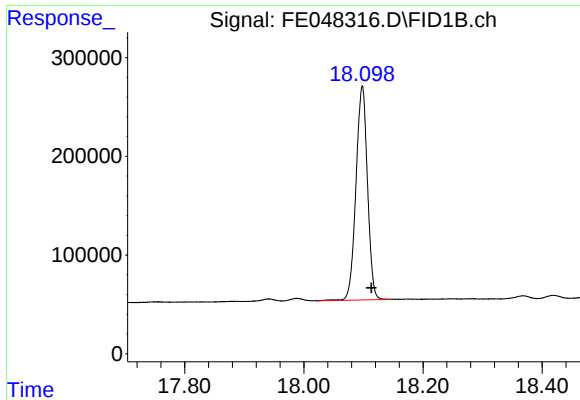
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.015 min
Response: 2441472
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

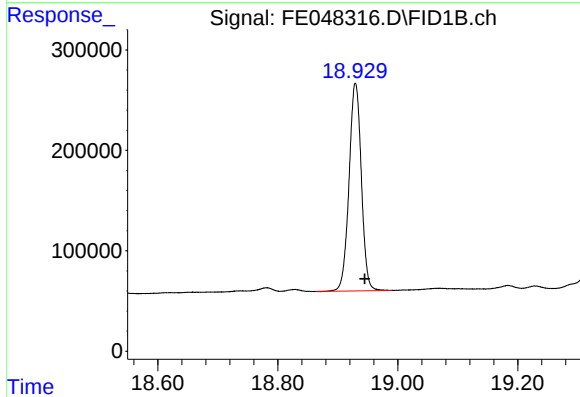
R.T.: 17.211 min
Delta R.T.: -0.016 min
Response: 2607841
Conc: 19.59 ug/ml



#17 n-Tricontane (C30)

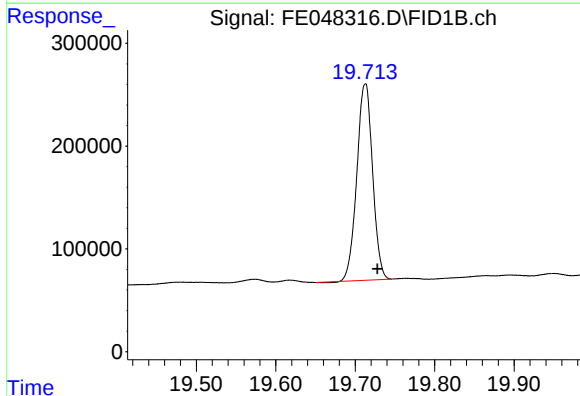
R.T.: 18.098 min
Delta R.T.: -0.015 min
Response: 2899702
Conc: 21.01 ug/ml

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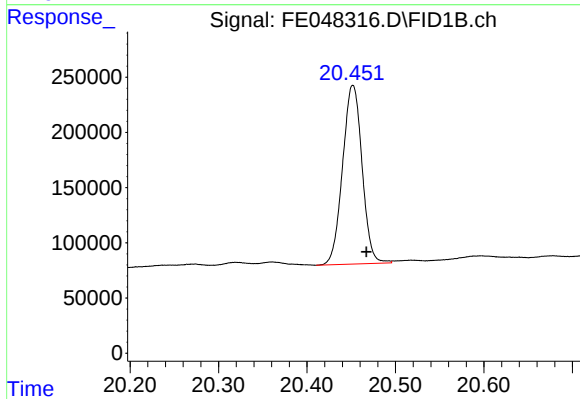
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.015 min
Response: 2944051
Conc: 21.31 ug/ml



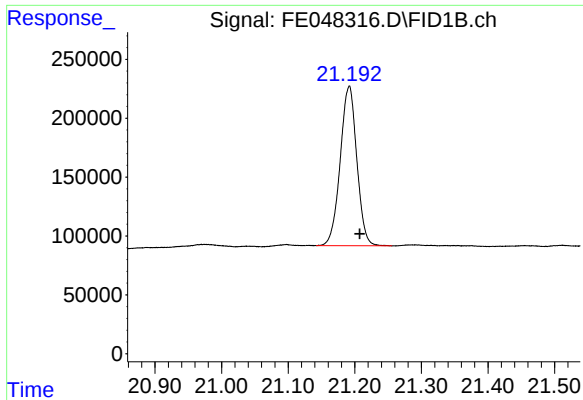
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.015 min
Response: 2631983
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

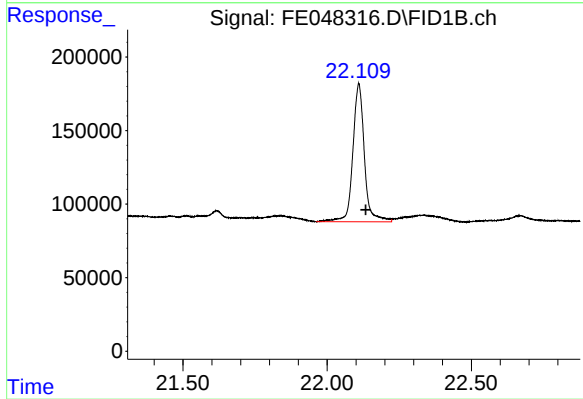
R.T.: 20.452 min
Delta R.T.: -0.016 min
Response: 2477163
Conc: 18.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: -0.016 min
Response: 2346958
Conc: 17.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.024 min
Response: 2613709
Conc: 18.76 ug/ml