

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101023AL\
 Data File : FE044767.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2023 20:20
 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: sample.E
 Quant Time: Oct 11 03:16:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.913	3610650	19.232 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
12) S 1-chlorooctadecane (S...	13.355	2642733	19.426 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	3.297	2909801	17.923 ug/ml
2) T n-Decane (C10)	4.548	3058007	18.467 ug/ml
3) T A~Naphthalene (C11.7)	6.249	3336472	18.662 ug/ml
4) T n-Dodecane (C12)	6.714	3100759	18.642 ug/ml
5) T A~2-methylnaphthalene...	7.346	3219936	18.820 ug/ml
6) T n-Tetradecane (C14)	8.541	3095173	18.854 ug/ml
7) T n-Hexadecane (C16)	10.152	3222794	19.024 ug/ml
8) T n-Octadecane (C18)	11.597	3254111	19.166 ug/ml
10) T n-Eicosane (C20)	12.910	3090584	19.209 ug/ml
11) T n-Heneicosane (C21)	13.523	3004235	19.186 ug/ml
13) T n-Docosane (C22)	14.110	2988778	19.378 ug/ml
14) T n-Tetracosane (C24)	15.215	2971274	19.656 ug/ml
15) T n-Hexacosane (C26)	16.238	2913777	19.809 ug/ml
16) T n-Octacosane (C28)	17.190	3025474	21.095 ug/ml
17) T n-Tricontane (C30)	18.078	3360279	22.669 ug/ml
18) T n-Dotriacontane (C32)	18.913	3506384	23.686 ug/ml
19) T n-Tetratriacontane (C34)	19.698	3357516	22.974 ug/ml
20) T n-Hexatriacontane (C36)	20.440	3134231	21.607 ug/ml
21) T n-Octatriacontane (C38)	21.181	3103453	20.719 ug/ml
22) T n-Tetracontane (C40)	22.100	3140476	19.900 ug/ml

(f)=RT Delta > 1/2 Window

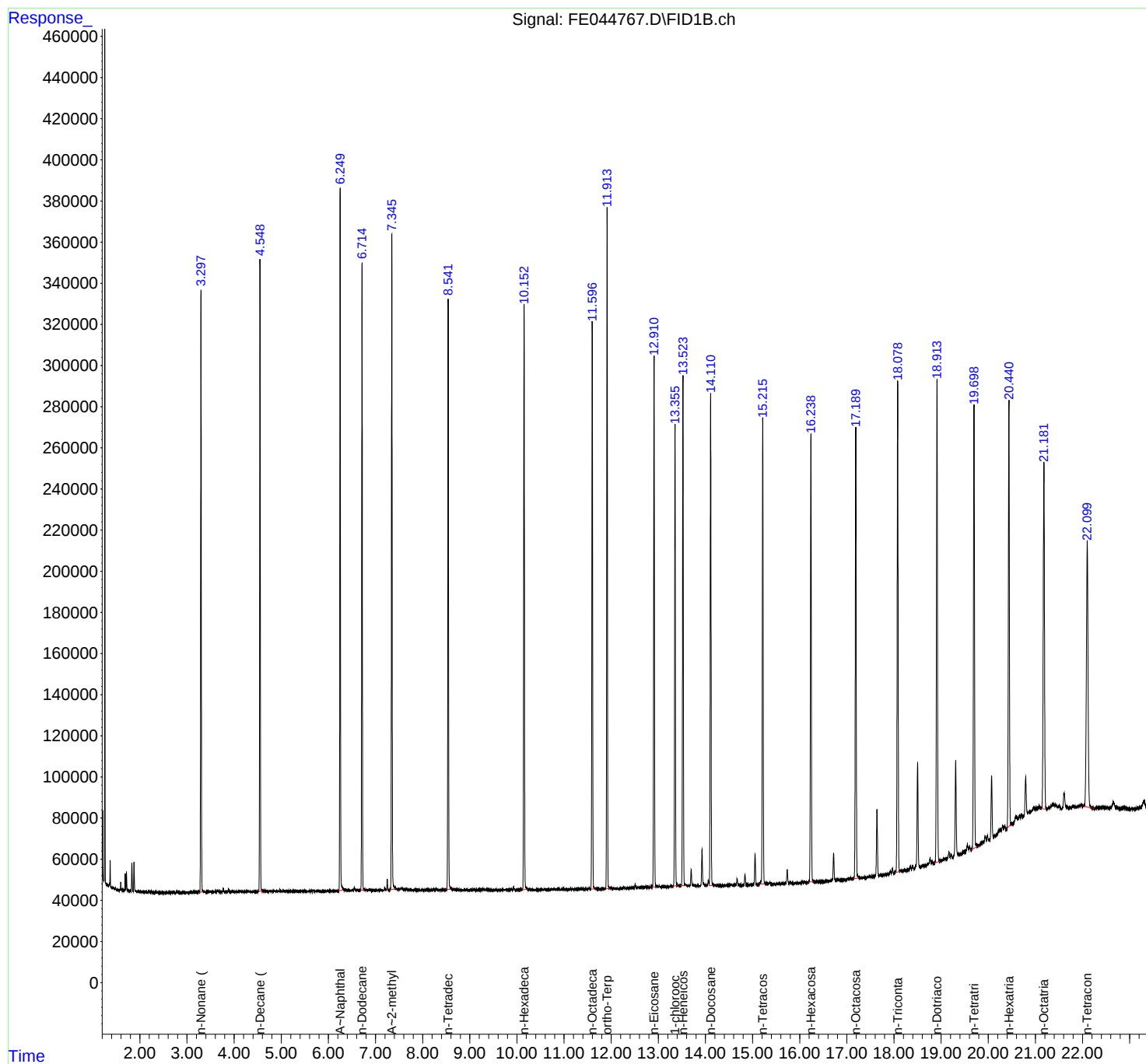
(m)=manual int.

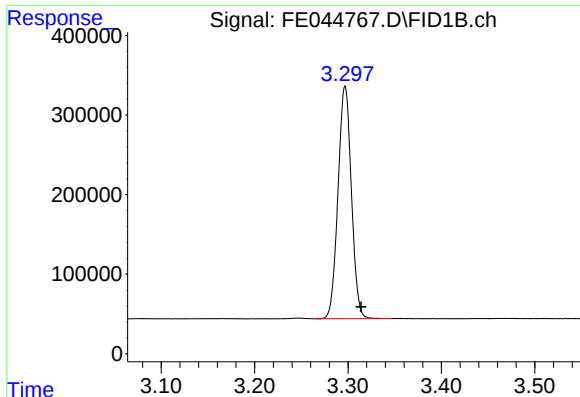
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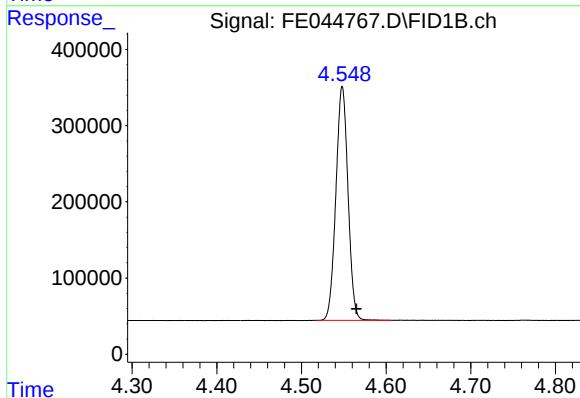




#1 n-Nonane (C9)

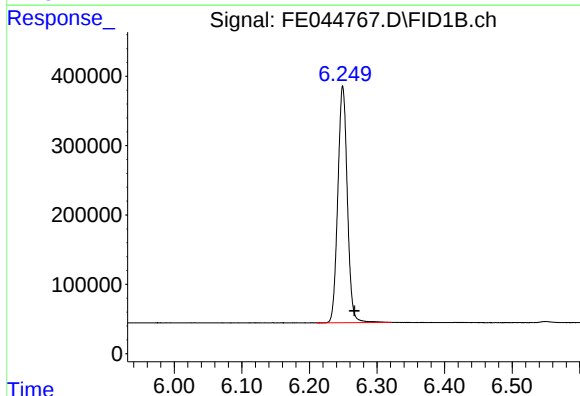
R.T.: 3.297 min
Delta R.T.: -0.017 min
Response: 2909801
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



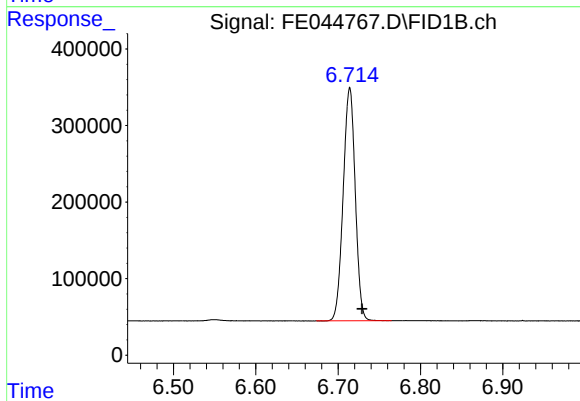
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.017 min
Response: 3058007
Conc: 18.47 ug/ml



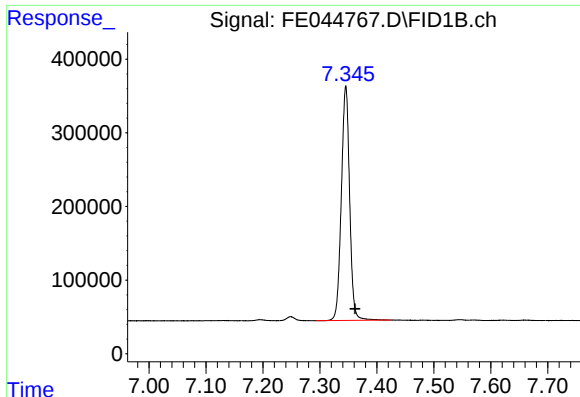
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.017 min
Response: 3336472
Conc: 18.66 ug/ml



#4 n-Dodecane (C12)

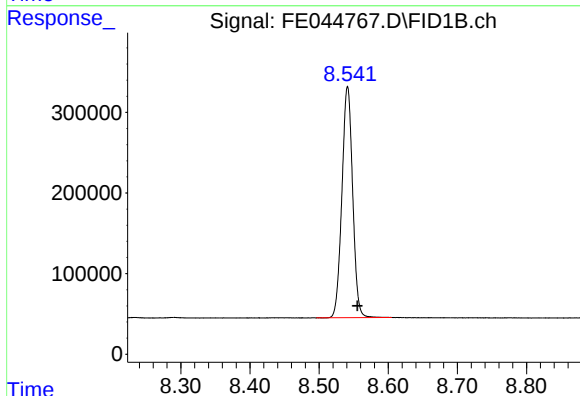
R.T.: 6.714 min
Delta R.T.: -0.015 min
Response: 3100759
Conc: 18.64 ug/ml



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

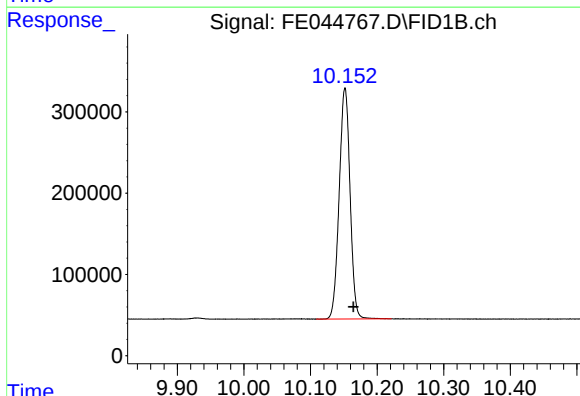
R.T.: 7.346 min
Delta R.T.: -0.016 min
Response: 3219936
Conc: 18.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



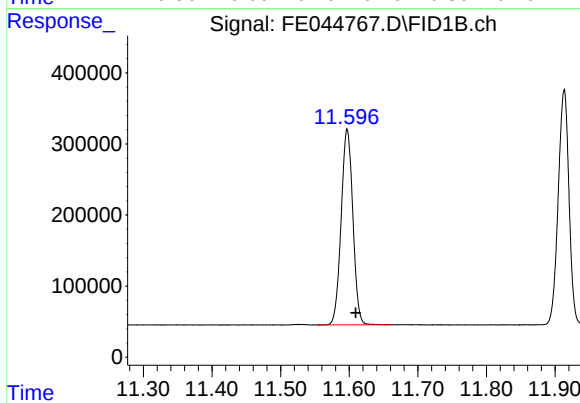
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: -0.014 min
Response: 3095173
Conc: 18.85 ug/ml



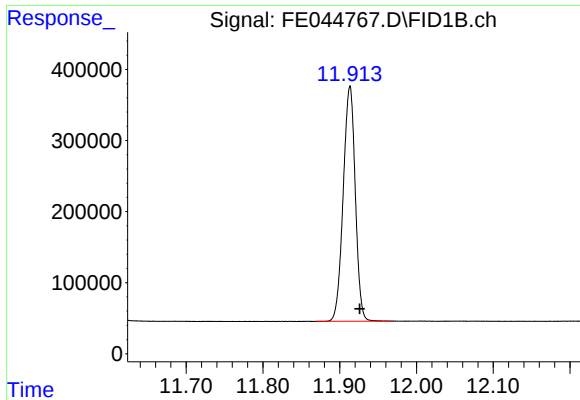
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.013 min
Response: 3222794
Conc: 19.02 ug/ml



#8 n-Octadecane (C18)

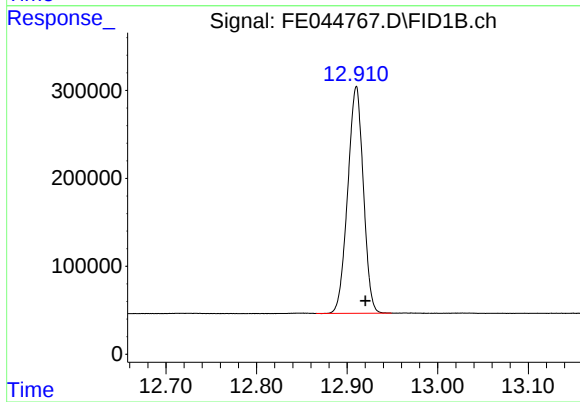
R.T.: 11.597 min
Delta R.T.: -0.012 min
Response: 3254111
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

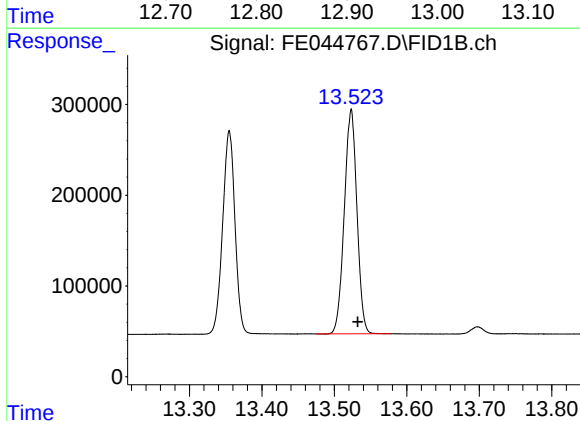
R.T.: 11.913 min
Delta R.T.: -0.013 min
Response: 3610650
Conc: 19.23 ug/ml

Instrument :
FID_E
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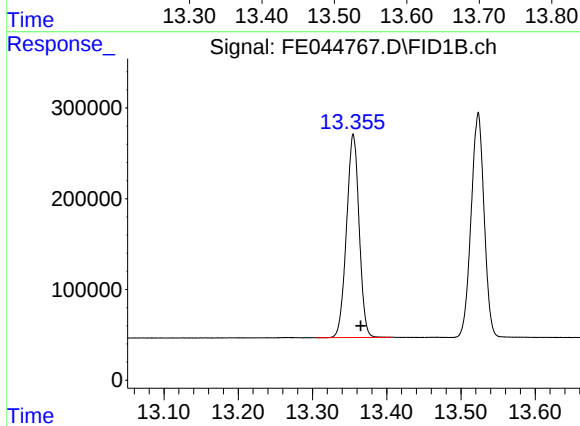
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.010 min
Response: 3090584
Conc: 19.21 ug/ml



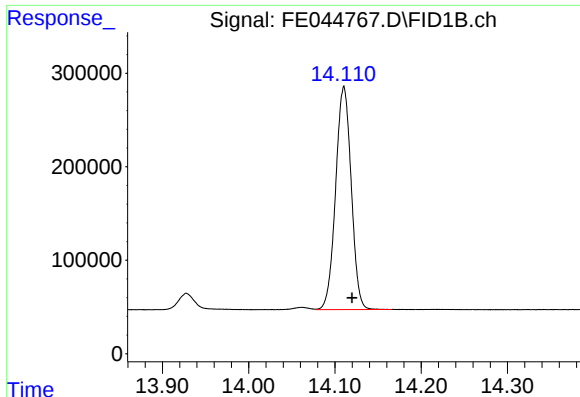
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.009 min
Response: 3004235
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

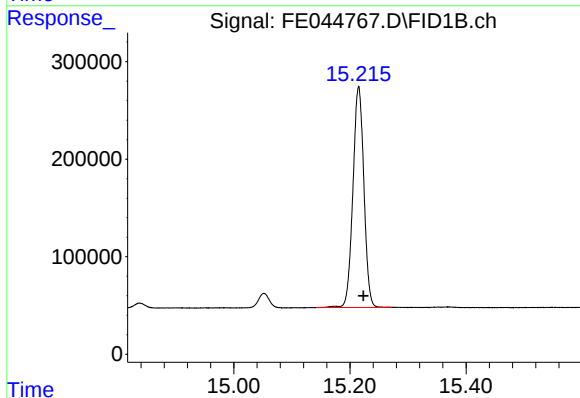
R.T.: 13.355 min
Delta R.T.: -0.010 min
Response: 2642733
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

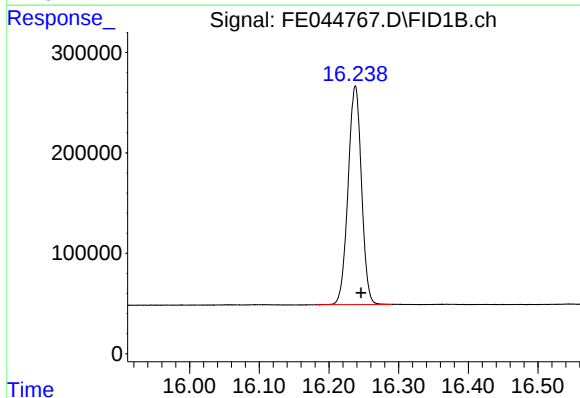
R.T.: 14.110 min
Delta R.T.: -0.009 min
Response: 2988778
Conc: 19.38 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



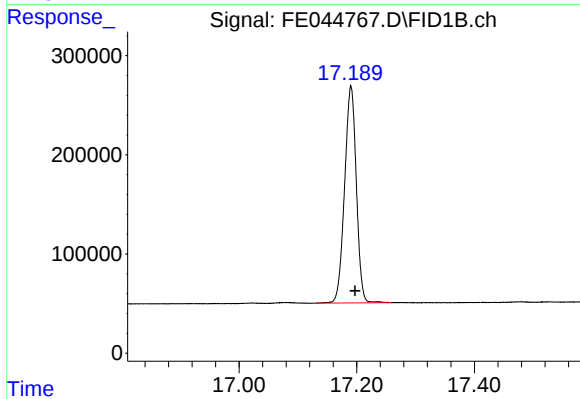
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.008 min
Response: 2971274
Conc: 19.66 ug/ml



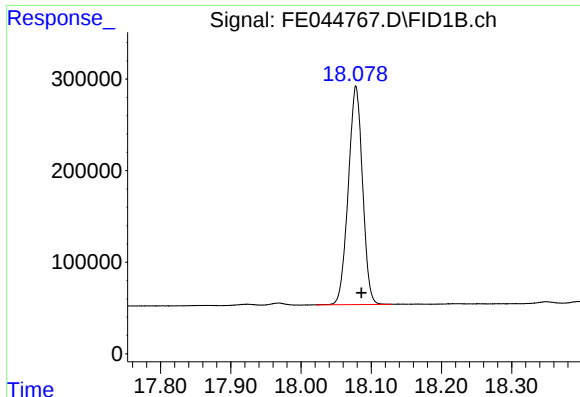
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.008 min
Response: 2913777
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

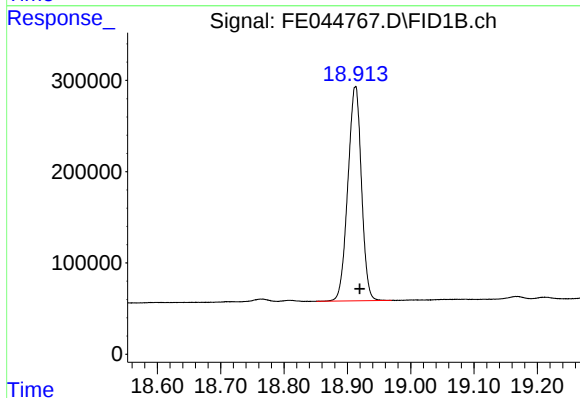
R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 3025474
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

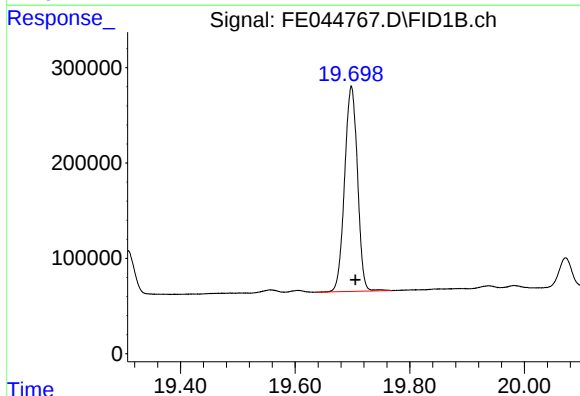
R.T.: 18.078 min
Delta R.T.: -0.008 min
Response: 3360279
Conc: 22.67 ug/ml

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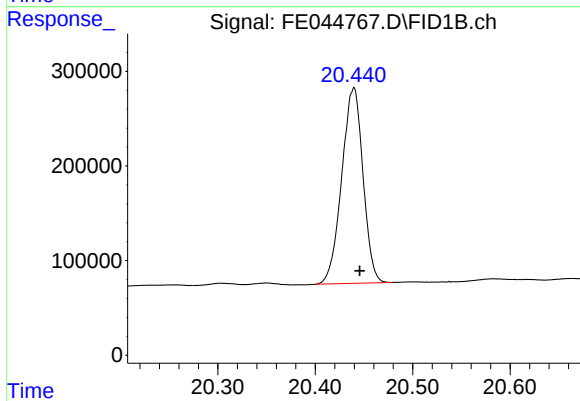
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.007 min
Response: 3506384
Conc: 23.69 ug/ml



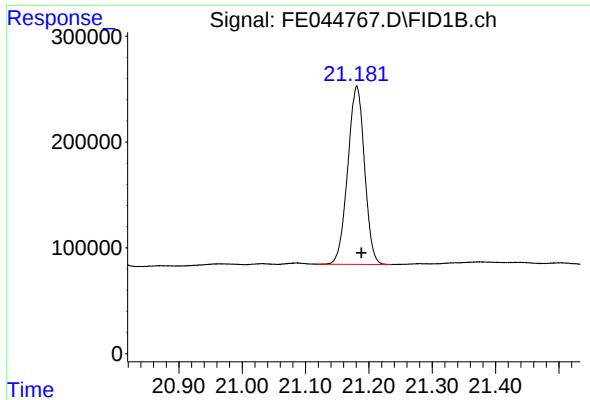
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: -0.007 min
Response: 3357516
Conc: 22.97 ug/ml



#20 n-Hexatriacontane (C36)

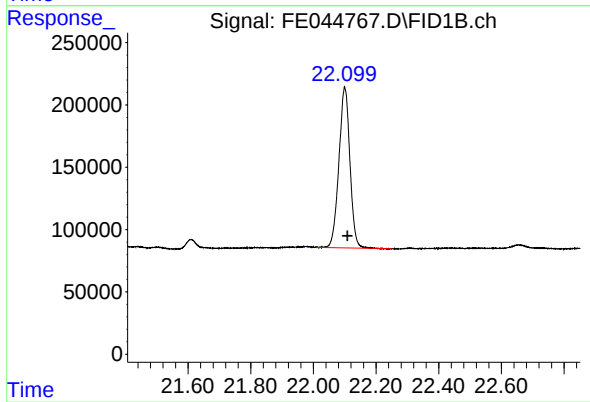
R.T.: 20.440 min
Delta R.T.: -0.006 min
Response: 3134231
Conc: 21.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.007 min
Response: 3103453
Conc: 20.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.009 min
Response: 3140476
Conc: 19.90 ug/ml