

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091222AL\
 Data File : FE037507.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2022 03:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 13 06:52:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.638	2963786	17.538 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
12) S 1-chlorooctadecane (S...	13.062	2289306	17.788 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T n-Nonane (C9)	3.031	2679559	17.513 ug/ml
2) T n-Decane (C10)	4.289	2818468	18.281 ug/ml
3) T A~Naphthalene (C11.7)	6.005	2800496	19.438 ug/ml
4) T n-Dodecane (C12)	6.461	2895756	18.312 ug/ml
5) T A~2-methylnaphthalene...	7.098	2758573	19.759 ug/ml
6) T n-Tetradecane (C14)	9.881	2895483	18.273 ug/ml
7) T n-Hexadecane (C16)	9.881	2895483	18.273 ug/ml
8) T n-Octadecane (C18)	11.316	2865581	17.995 ug/ml
10) T n-Eicosane (C20)	12.619	2800076	17.697 ug/ml
11) T n-Heneicosane (C21)	13.228	2758673	17.494 ug/ml
13) T n-Docosane (C22)	13.811	2715776	17.446 ug/ml
14) T n-Tetracosane (C24)	14.908	2634597	17.517 ug/ml
15) T n-Hexacosane (C26)	15.926	2568398	17.737 ug/ml
16) T n-Octacosane (C28)	16.870	2586056	18.667 ug/ml
17) T n-Tricontane (C30)	17.754	2844752	20.912 ug/ml
18) T n-Dotriacontane (C32)	18.584	2995952	22.436 ug/ml
19) T n-Tetratriacontane (C34)	19.364	2883047	22.786 ug/ml
20) T n-Hexatriacontane (C36)	20.099	2786933	21.669 ug/ml
21) T n-Octatriacontane (C38)	20.798	2763744	22.206 ug/ml
22) T n-Tetracontane (C40)	21.580	2948544	22.872 ug/ml

(f)=RT Delta > 1/2 Window

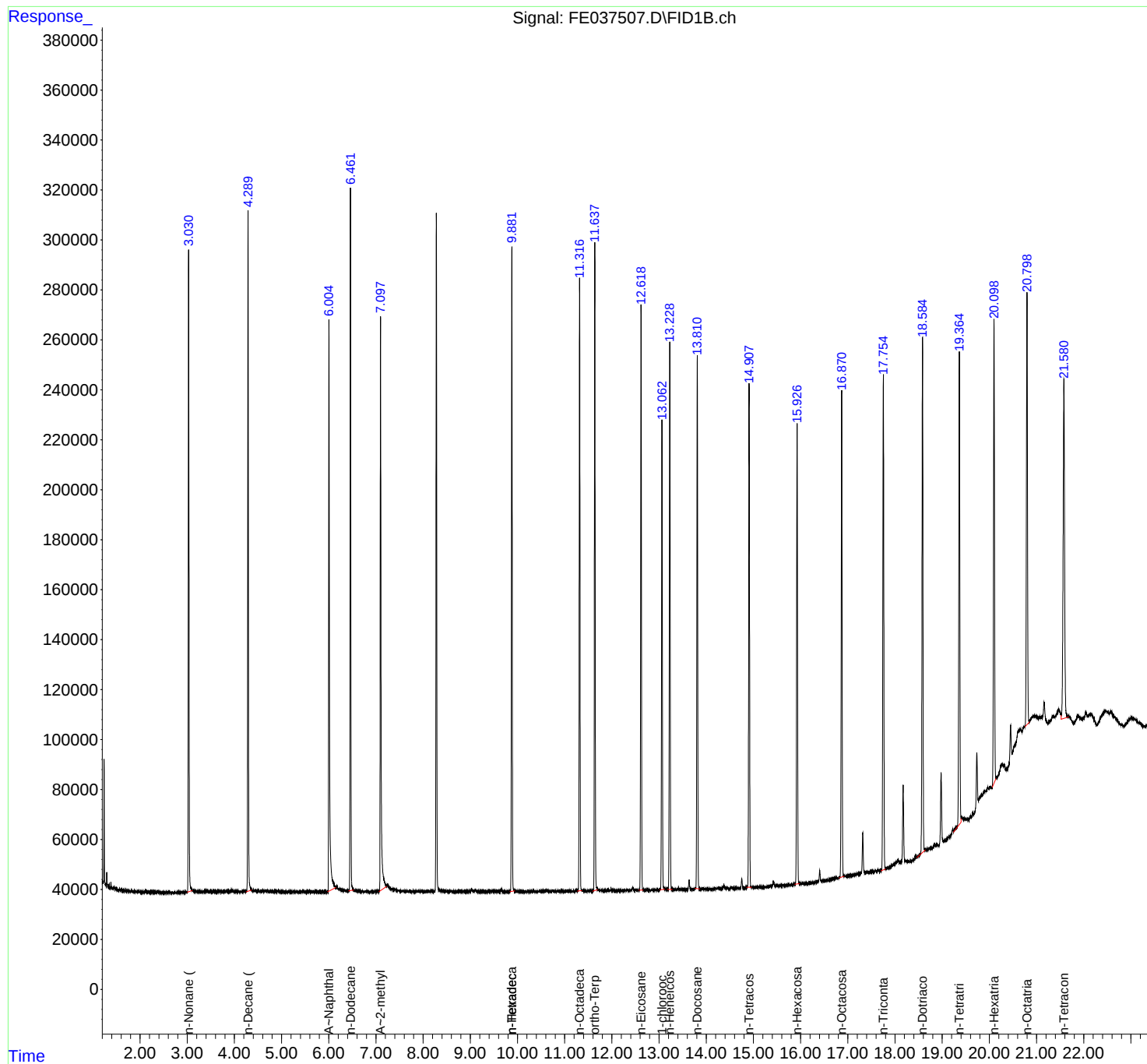
(m)=manual int.

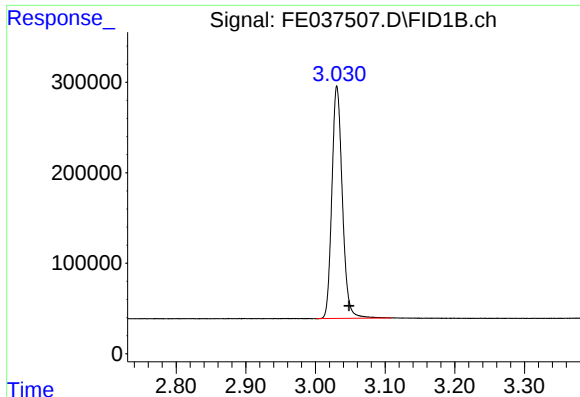
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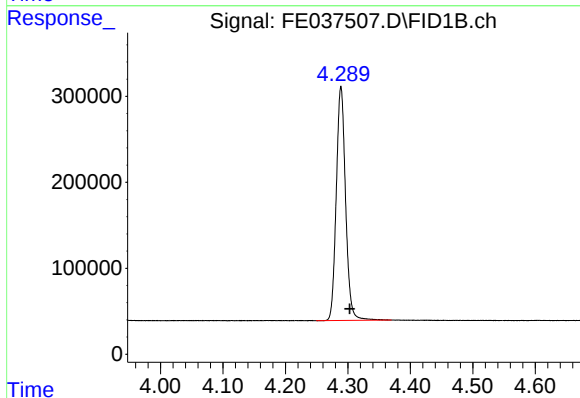




#1 n-Nonane (C9)

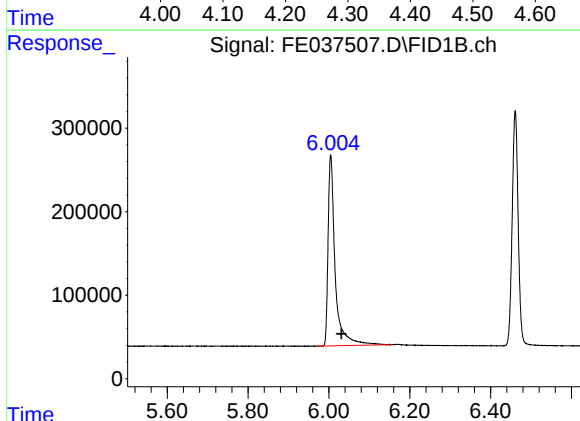
R.T.: 3.031 min
Delta R.T.: -0.017 min
Response: 2679559
Conc: 17.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



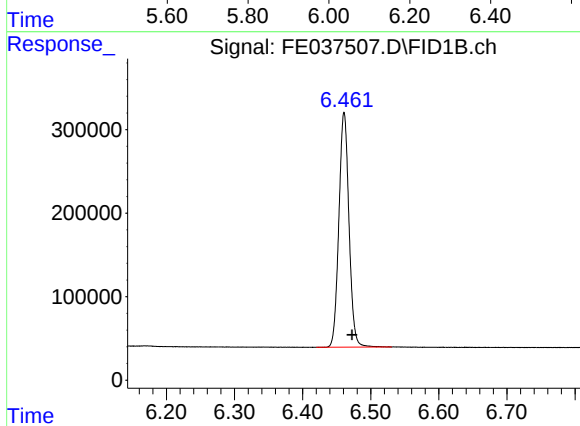
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.014 min
Response: 2818468
Conc: 18.28 ug/ml



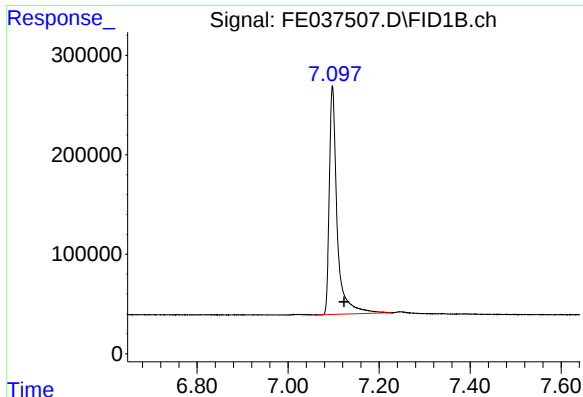
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: -0.026 min
Response: 2800496
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

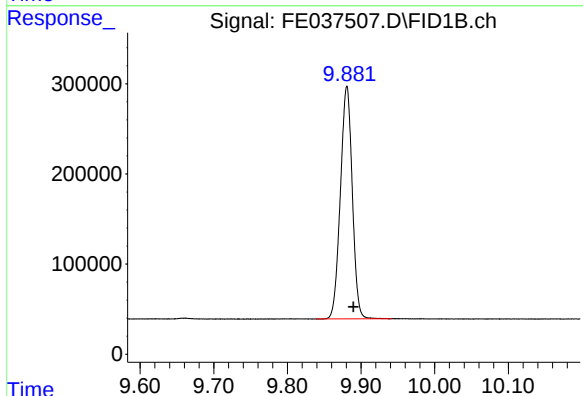
R.T.: 6.461 min
Delta R.T.: -0.011 min
Response: 2895756
Conc: 18.31 ug/ml



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

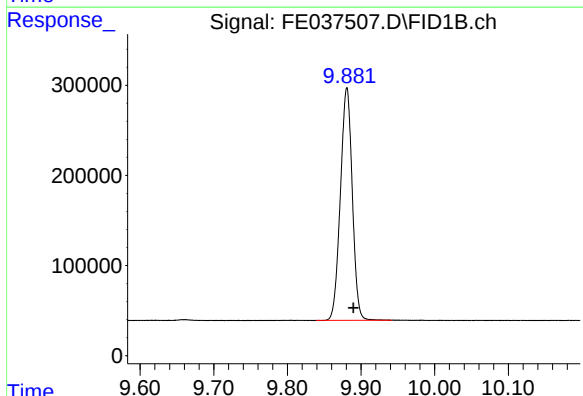
R.T.: 7.098 min
Delta R.T.: -0.026 min
Response: 2758573
Conc: 19.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



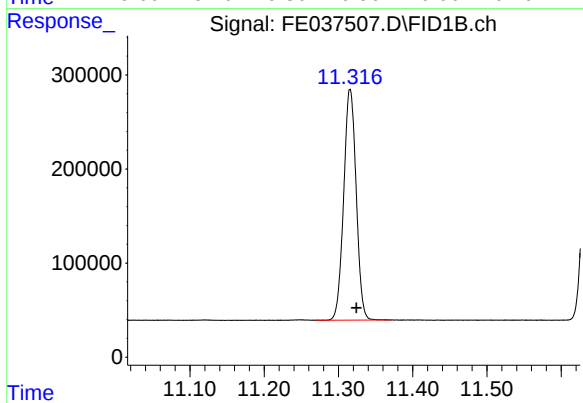
#6 n-Tetradecane (C14)

R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 2895483
Conc: 18.27 ug/ml



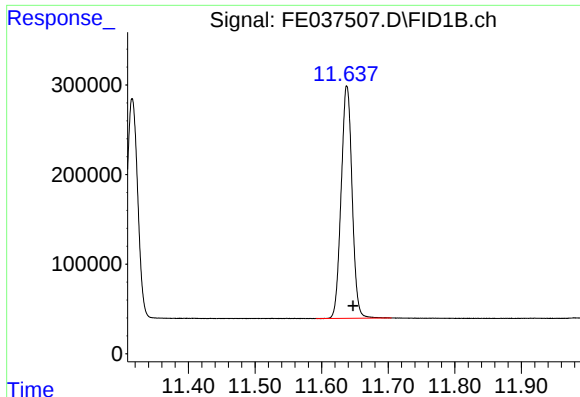
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.009 min
Response: 2895483
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

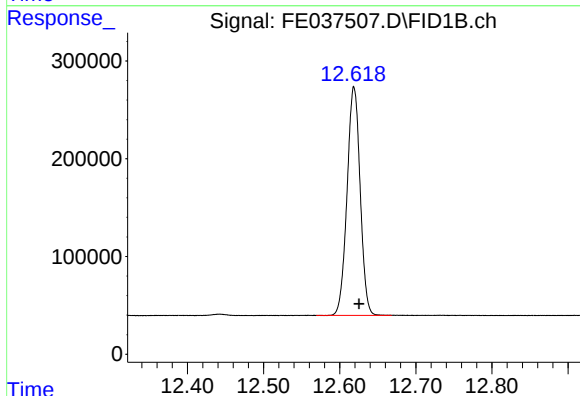
R.T.: 11.316 min
Delta R.T.: -0.008 min
Response: 2865581
Conc: 17.99 ug/ml



#9 ortho-Terphenyl (SURR)

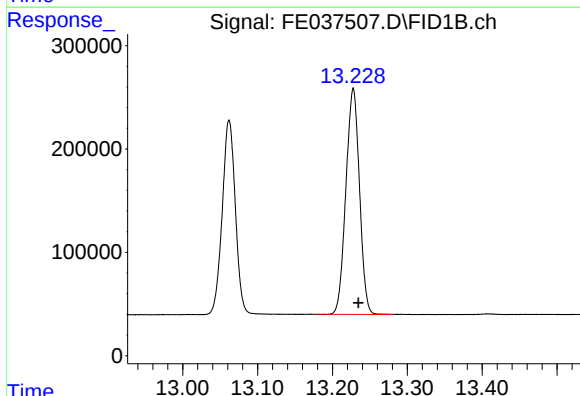
R.T.: 11.638 min
Delta R.T.: -0.009 min
Response: 2963786
Conc: 17.54 ug/ml

Instrument :
FID_E
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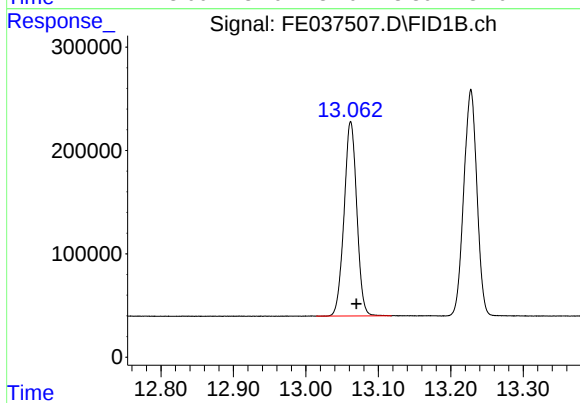
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.007 min
Response: 2800076
Conc: 17.70 ug/ml



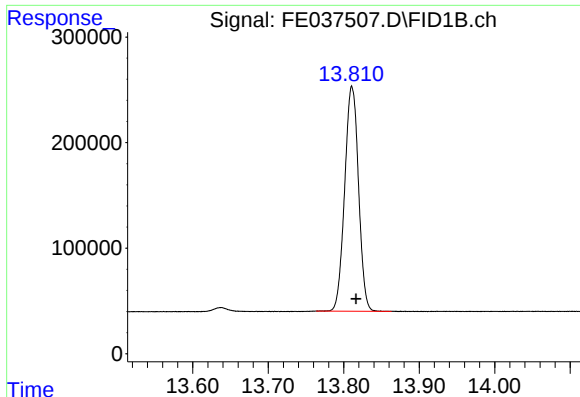
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.007 min
Response: 2758673
Conc: 17.49 ug/ml



#12 1-chlorooctadecane (SURR)

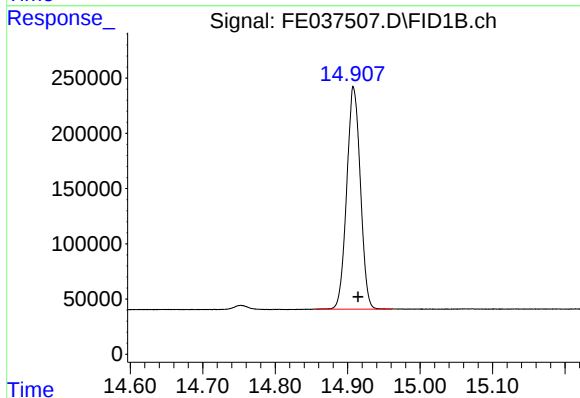
R.T.: 13.062 min
Delta R.T.: -0.008 min
Response: 2289306
Conc: 17.79 ug/ml



#13 n-Docosane (C22)

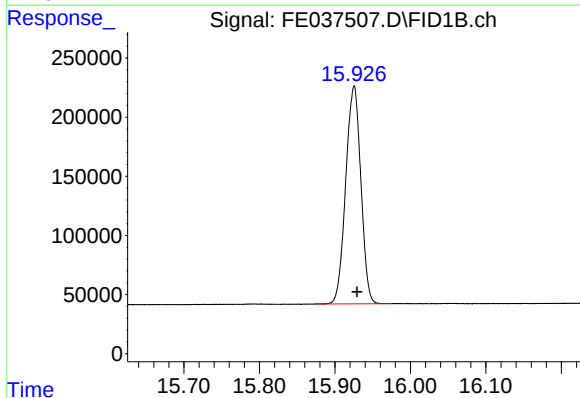
R.T.: 13.811 min
Delta R.T.: -0.005 min
Response: 2715776
Conc: 17.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



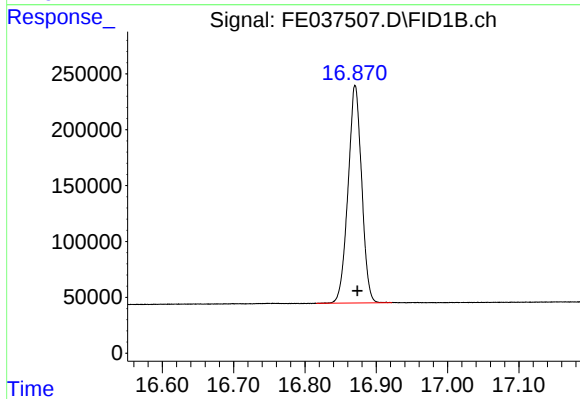
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 2634597
Conc: 17.52 ug/ml



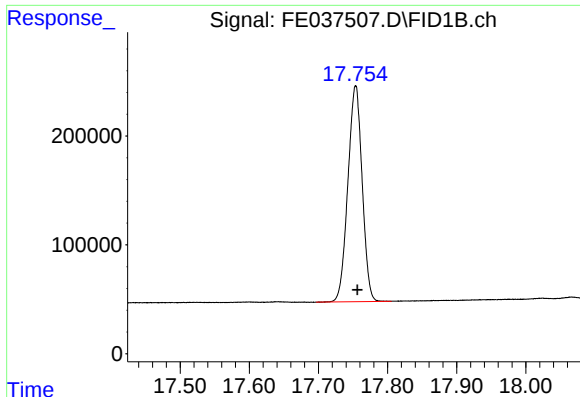
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.004 min
Response: 2568398
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

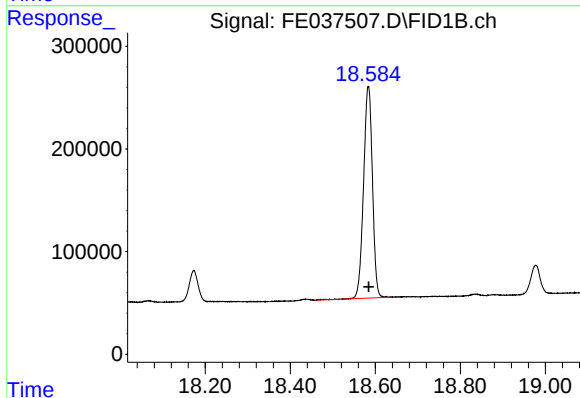
R.T.: 16.870 min
Delta R.T.: -0.003 min
Response: 2586056
Conc: 18.67 ug/ml



#17 n-Tricontane (C30)

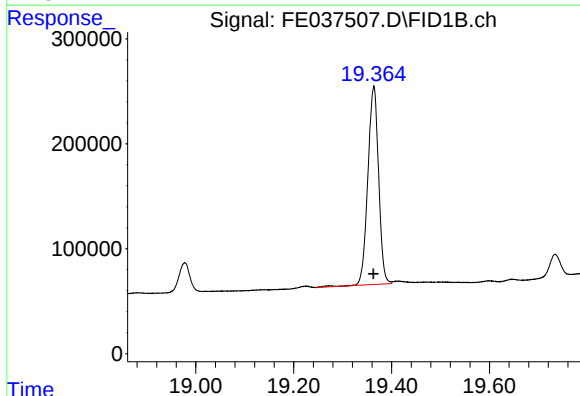
R.T.: 17.754 min
Delta R.T.: -0.003 min
Response: 2844752
Conc: 20.91 ug/ml

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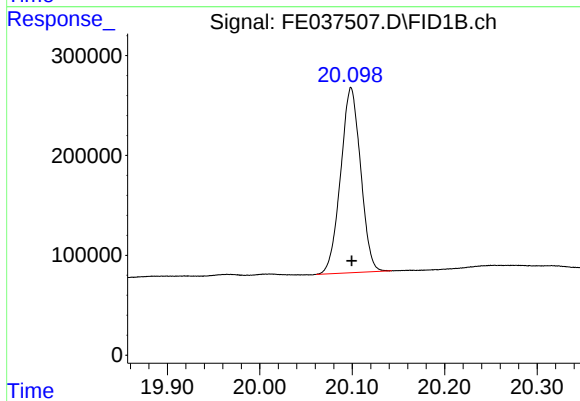
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.000 min
Response: 2995952
Conc: 22.44 ug/ml



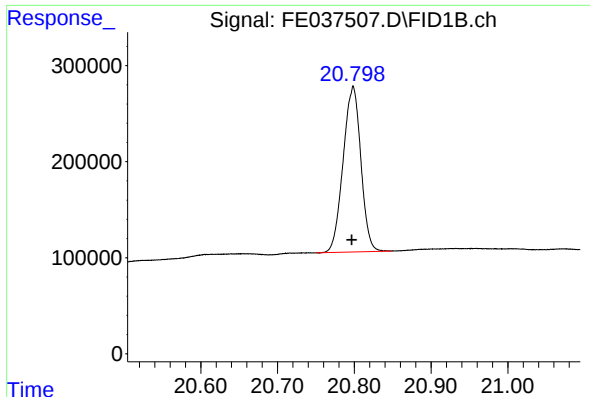
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.000 min
Response: 2883047
Conc: 22.79 ug/ml



#20 n-Hexatriacontane (C36)

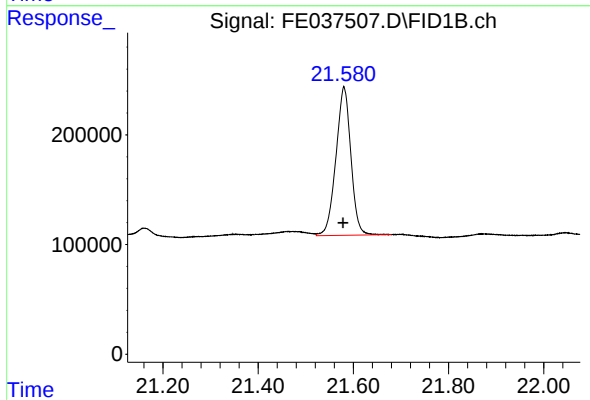
R.T.: 20.099 min
Delta R.T.: 0.000 min
Response: 2786933
Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.002 min
Response: 2763744
Conc: 22.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: 0.002 min
Response: 2948544
Conc: 22.87 ug/ml