

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022AL\
 Data File : FE037349.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2022 11:01
 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: Aug 31 11:26:29 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)	11.643	3483547	20.614 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
12) S 1-chlorooctadecane (S...	13.065	2662344	20.687 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.042	3245166	21.209 ug/ml
2) T n-Decane (C10)	4.298	3282366	21.290 ug/ml
3) T A~Naphthalene (C11.7)	6.014	3209322	22.276 ug/ml
4) T n-Dodecane (C12)	6.468	3366292	21.288 ug/ml
5) T A~2-methylnaphthalene...	7.107	2949856	21.129 ug/ml
6) T n-Tetradecane (C14)	9.885	3335860	21.053 ug/ml
7) T n-Hexadecane (C16)	9.885	3335860	21.053 ug/ml
8) T n-Octadecane (C18)	11.320	3317417	20.832 ug/ml
10) T n-Eicosane (C20)	12.623	3261239	20.612 ug/ml
11) T n-Heneicosane (C21)	13.231	3236238	20.523 ug/ml
13) T n-Docosane (C22)	13.813	3183557	20.451 ug/ml
14) T n-Tetracosane (C24)	14.910	3056204	20.320 ug/ml
15) T n-Hexacosane (C26)	15.924	2942562	20.321 ug/ml
16) T n-Octacosane (C28)	16.870	2848942	20.564 ug/ml
17) T n-Tricontane (C30)	17.753	2893237	21.269 ug/ml
18) T n-Dotriacontane (C32)	18.580	3014757	22.577 ug/ml
19) T n-Tetratriacontane (C34)	19.359	2758989	21.805 ug/ml
20) T n-Hexatriacontane (C36)	20.095	2737344	21.283 ug/ml
21) T n-Octatriacontane (C38)	20.793	2636750	21.186 ug/ml
22) T n-Tetracontane (C40)	21.572	2857606	22.167 ug/ml

(f)=RT Delta > 1/2 Window

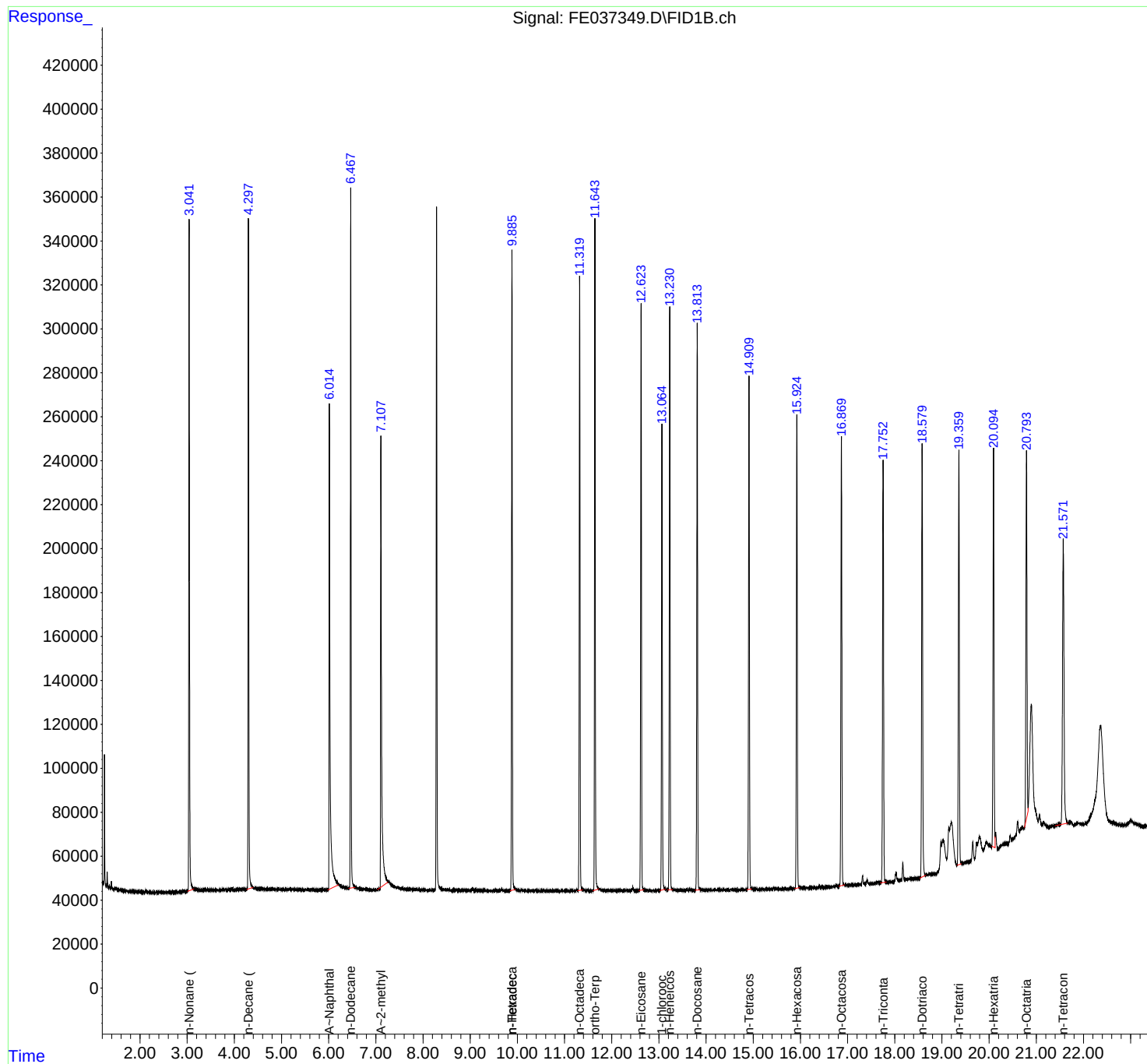
(m)=manual int.

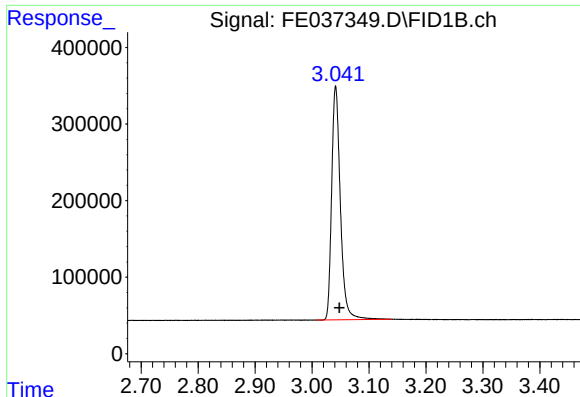
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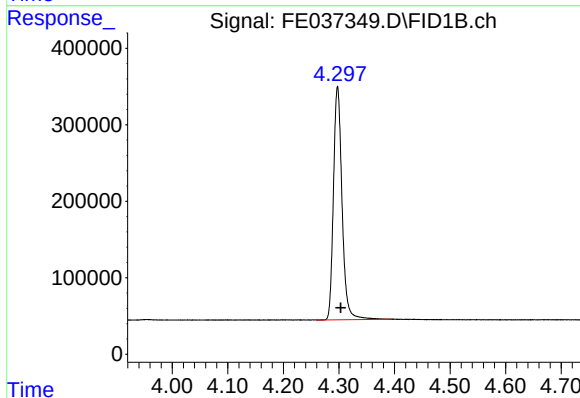




#1 n-Nonane (C9)

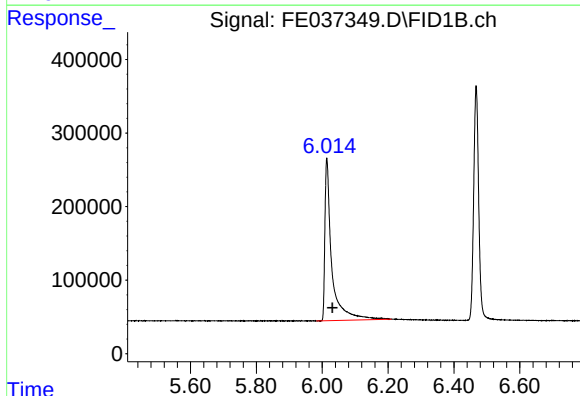
R.T.: 3.042 min
Delta R.T.: -0.006 min
Response: 3245166
Conc: 21.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



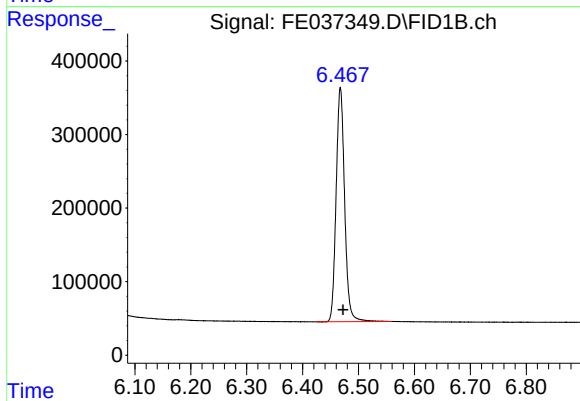
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: -0.006 min
Response: 3282366
Conc: 21.29 ug/ml



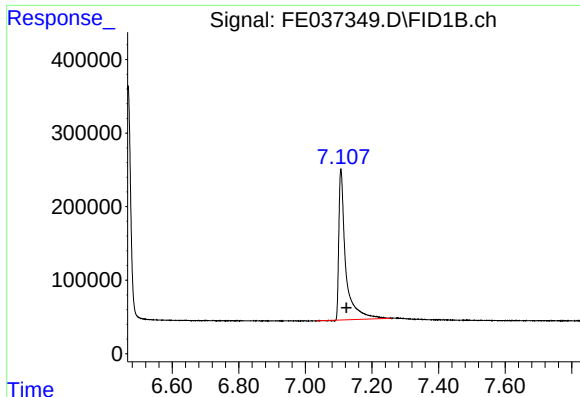
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.016 min
Response: 3209322
Conc: 22.28 ug/ml



#4 n-Dodecane (C12)

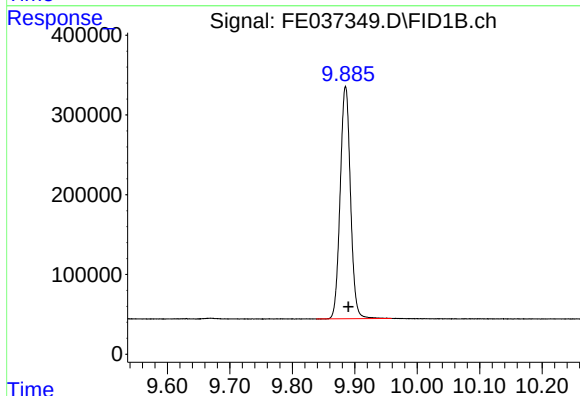
R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 3366292
Conc: 21.29 ug/ml



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

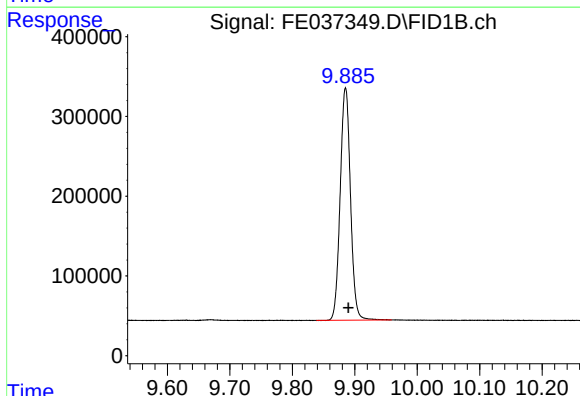
R.T.: 7.107 min
Delta R.T.: -0.016 min
Response: 2949856
Conc: 21.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



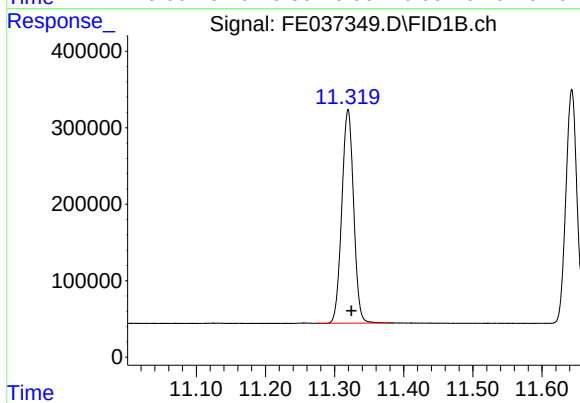
#6 n-Tetradecane (C14)

R.T.: 9.885 min
Delta R.T.: -0.004 min
Response: 3335860
Conc: 21.05 ug/ml



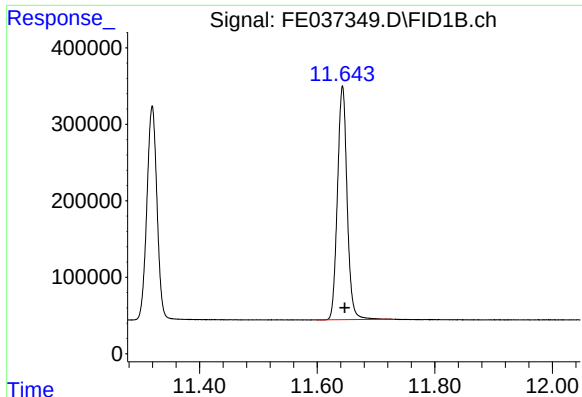
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.004 min
Response: 3335860
Conc: 21.05 ug/ml



#8 n-Octadecane (C18)

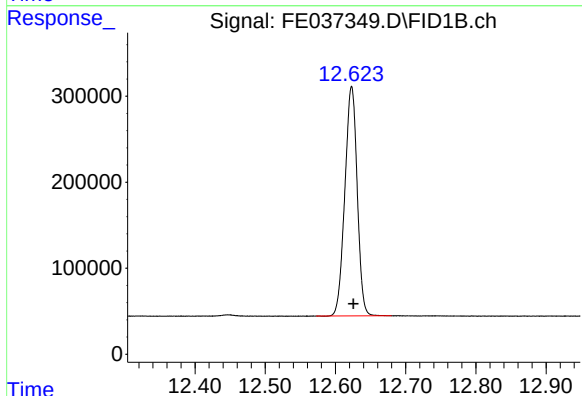
R.T.: 11.320 min
Delta R.T.: -0.005 min
Response: 3317417
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

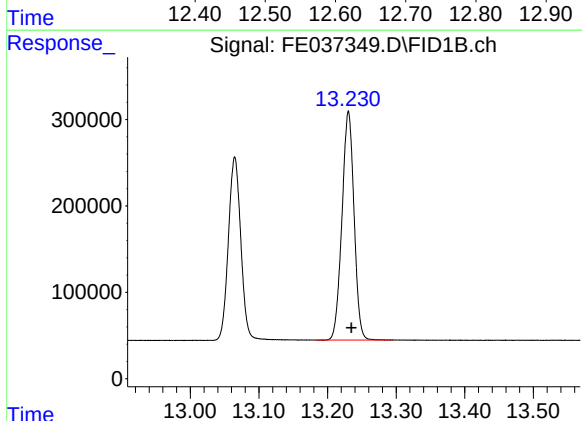
R.T.: 11.643 min
Delta R.T.: -0.004 min
Response: 3483547
Conc: 20.61 ug/ml

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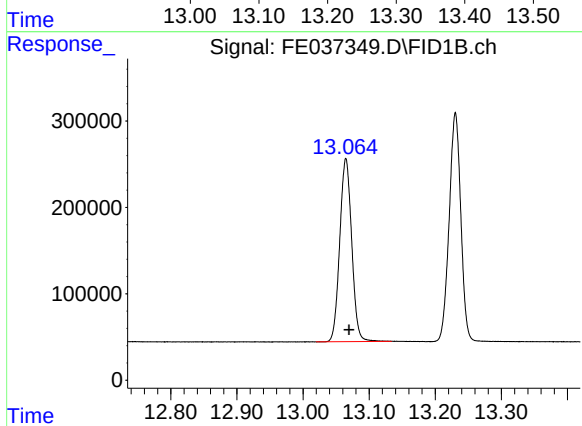
#10 n-Eicosane (C20)

R.T.: 12.623 min
Delta R.T.: -0.002 min
Response: 3261239
Conc: 20.61 ug/ml



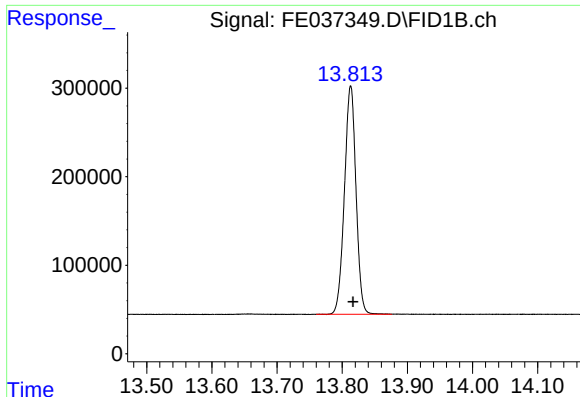
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.004 min
Response: 3236238
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

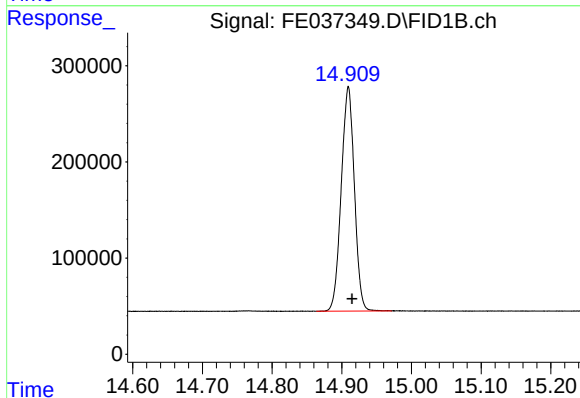
R.T.: 13.065 min
Delta R.T.: -0.005 min
Response: 2662344
Conc: 20.69 ug/ml



#13 n-Docosane (C22)

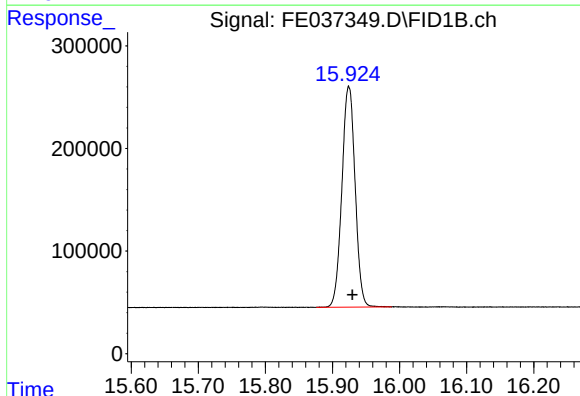
R.T.: 13.813 min
Delta R.T.: -0.003 min
Response: 3183557
Conc: 20.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



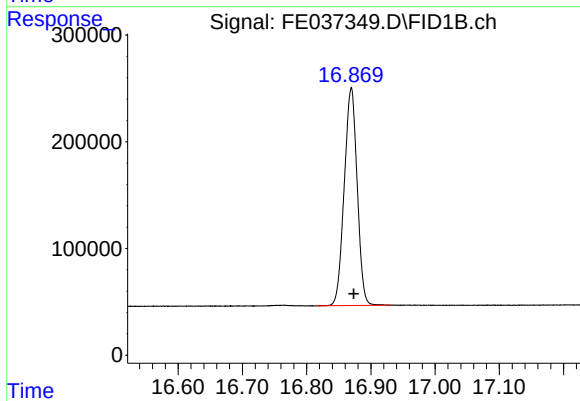
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.005 min
Response: 3056204
Conc: 20.32 ug/ml



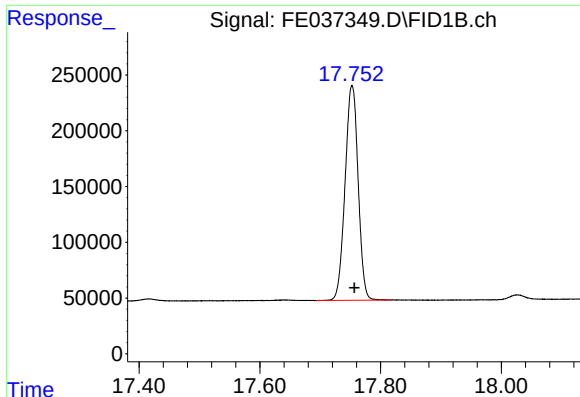
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.005 min
Response: 2942562
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

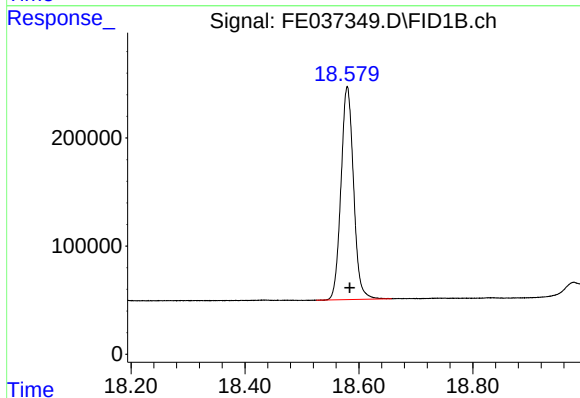
R.T.: 16.870 min
Delta R.T.: -0.004 min
Response: 2848942
Conc: 20.56 ug/ml



#17 n-Tricontane (C30)

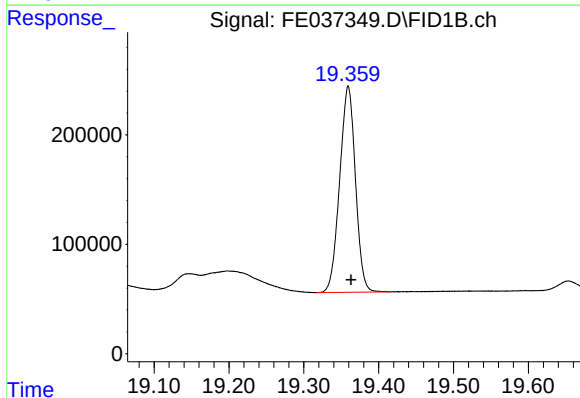
R.T.: 17.753 min
Delta R.T.: -0.004 min
Response: 2893237
Conc: 21.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



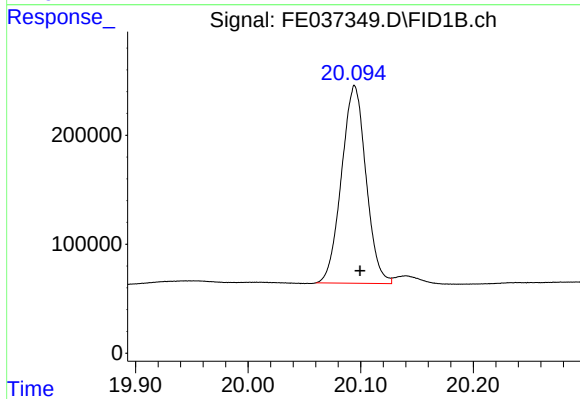
#18 n-Dotriacontane (C32)

R.T.: 18.580 min
Delta R.T.: -0.005 min
Response: 3014757
Conc: 22.58 ug/ml



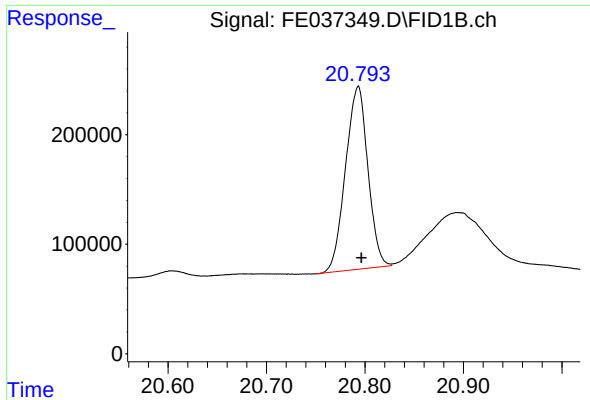
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.004 min
Response: 2758989
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

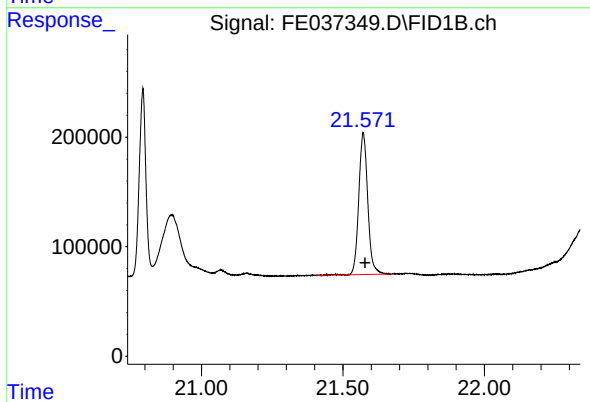
R.T.: 20.095 min
Delta R.T.: -0.005 min
Response: 2737344
Conc: 21.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.003 min
Response: 2636750
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.007 min
Response: 2857606
Conc: 22.17 ug/ml