

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037715.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 08:58
 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: sample.E
 Quant Time: Sep 21 09:23:27 2022
 Quant Title :
 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)	11.624	3163072	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
12) S 1-chlorooctadecane (S...	13.046	2442739	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.013	3078176	20.118 ug/mlm
2) T n-Decane (C10)	4.272	3127109	20.283 ug/ml
3) T A~Naphthalene (C11.7)	5.989	3129847	21.724 ug/ml
4) T n-Dodecane (C12)	6.445	3172477	20.062 ug/ml
5) T A~2-methylnaphthalene...	7.082	3054934	21.881 ug/ml
6) T n-Tetradecane (C14)	9.866	3148141	19.868 ug/ml
7) T n-Hexadecane (C16)	9.866	3148141	19.868 ug/ml
8) T n-Octadecane (C18)	11.301	3095589	19.439 ug/ml
10) T n-Eicosane (C20)	12.603	2998030	18.948 ug/ml
11) T n-Heneicosane (C21)	13.212	2945416	18.679 ug/ml
13) T n-Docosane (C22)	13.795	2902508	18.645 ug/ml
14) T n-Tetracosane (C24)	14.893	2847656	18.933 ug/ml
15) T n-Hexacosane (C26)	15.909	2765391	19.098 ug/ml
16) T n-Octacosane (C28)	16.854	2732934	19.727 ug/ml
17) T n-Tricontane (C30)	17.737	2781691	20.449 ug/ml
18) T n-Dotriacontane (C32)	18.567	2808523	21.032 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2720130	21.498 ug/mlm
20) T n-Hexatriacontane (C36)	20.083	2678677	20.827 ug/ml
21) T n-Octatriacontane (C38)	20.779	2572398	20.669 ug/ml
22) T n-Tetracontane (C40)	21.555	2445535	18.970 ug/mlm

(f)=RT Delta > 1/2 Window

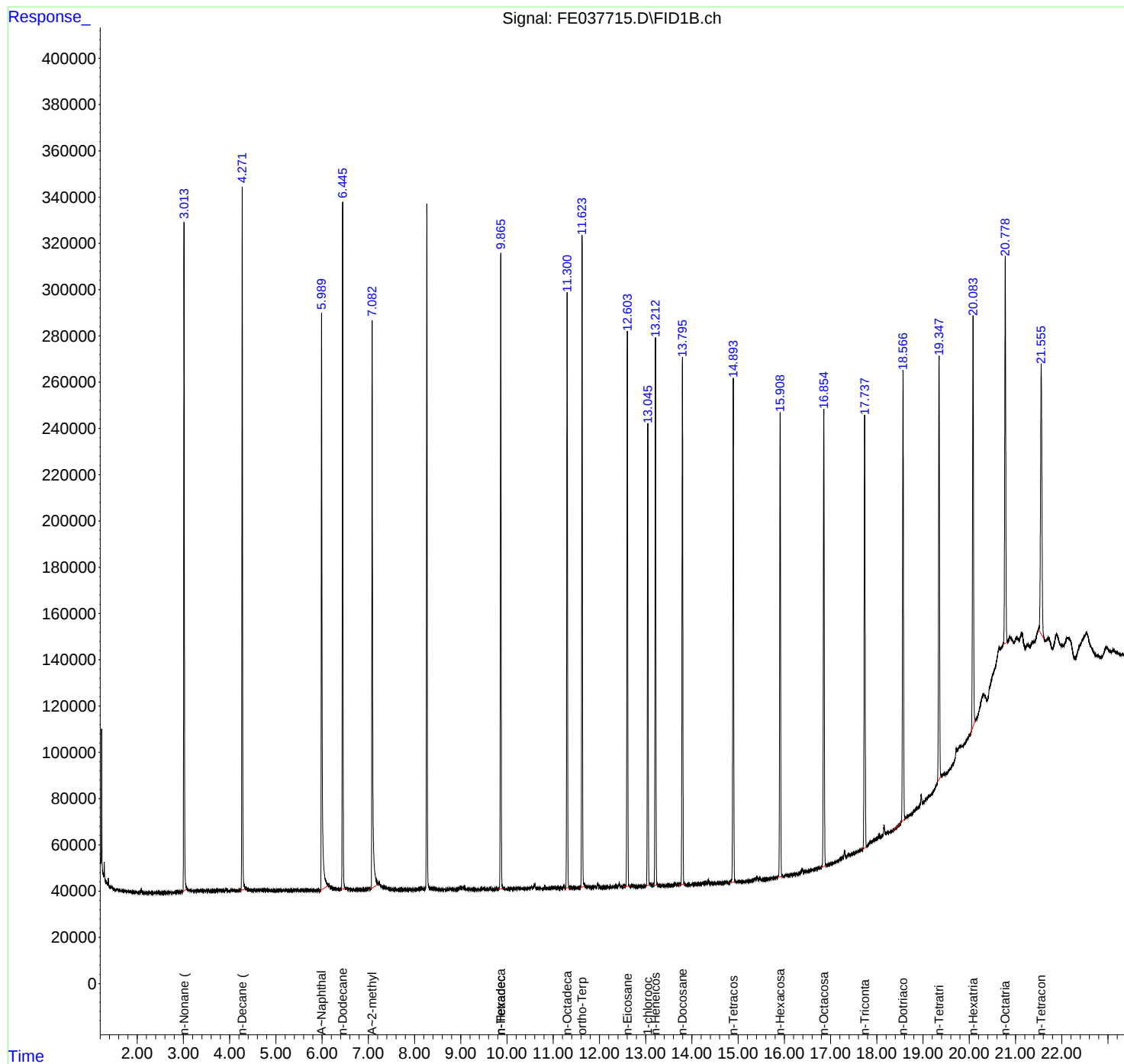
(m)=manual int.

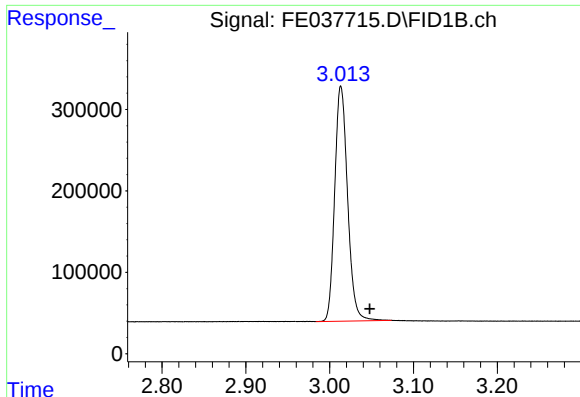
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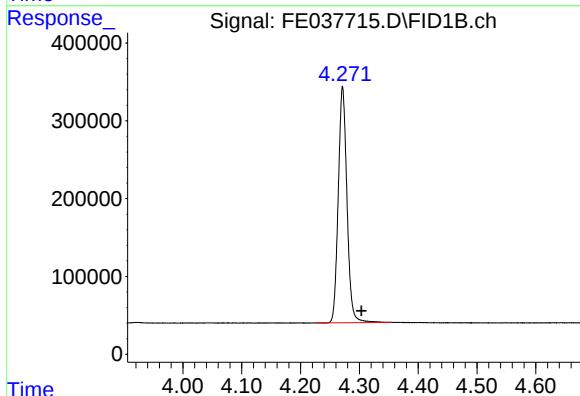




#1 n-Nonane (C9)

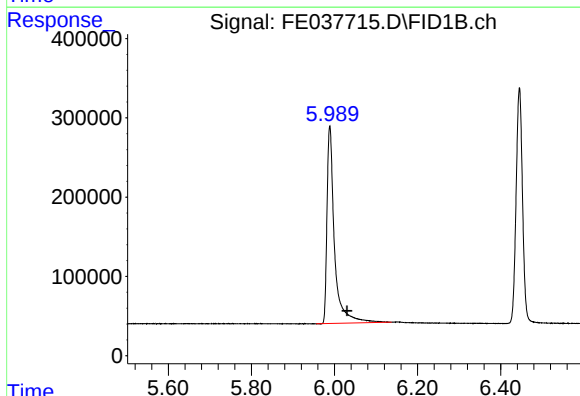
R.T.: 3.013 min
Delta R.T.: -0.035 min
Response: 3078176
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



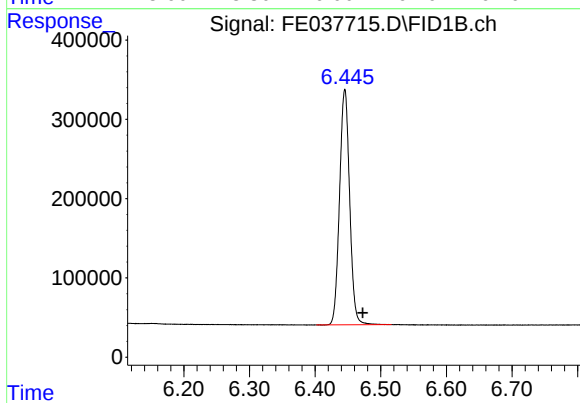
#2 n-Decane (C10)

R.T.: 4.272 min
Delta R.T.: -0.032 min
Response: 3127109
Conc: 20.28 ug/ml



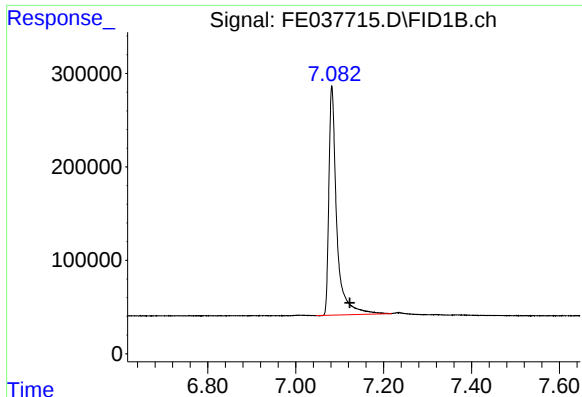
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.042 min
Response: 3129847
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

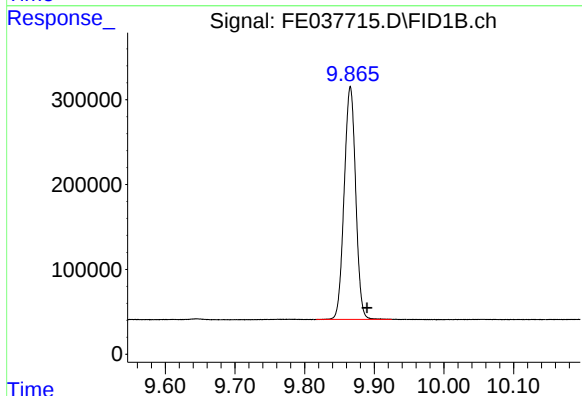
R.T.: 6.445 min
Delta R.T.: -0.027 min
Response: 3172477
Conc: 20.06 ug/ml



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

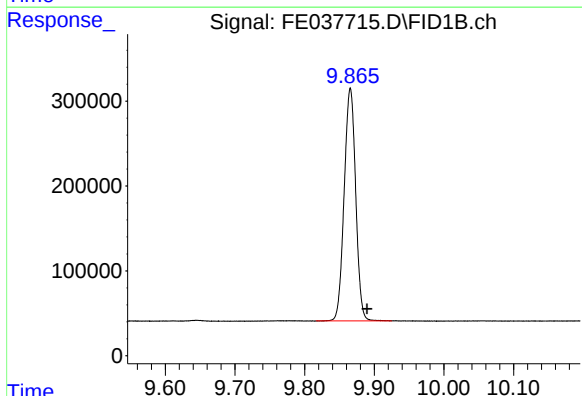
R.T.: 7.082 min
Delta R.T.: -0.041 min
Response: 3054934
Conc: 21.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



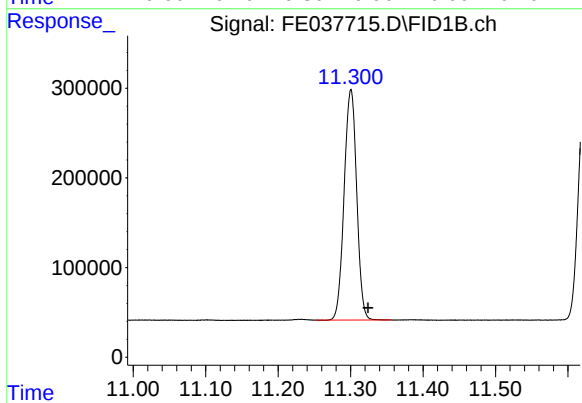
#6 n-Tetradecane (C14)

R.T.: 9.866 min
Delta R.T.: -0.024 min
Response: 3148141
Conc: 19.87 ug/ml



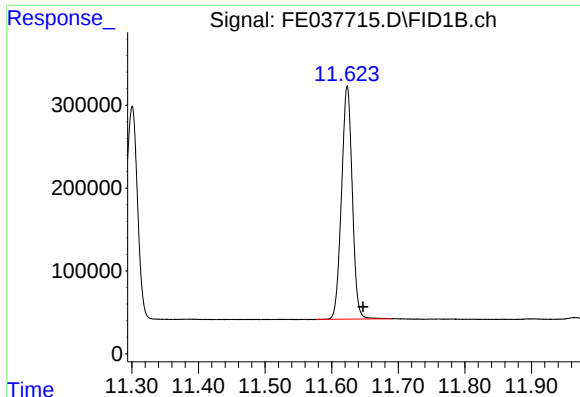
#7 n-Hexadecane (C16)

R.T.: 9.866 min
Delta R.T.: -0.024 min
Response: 3148141
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

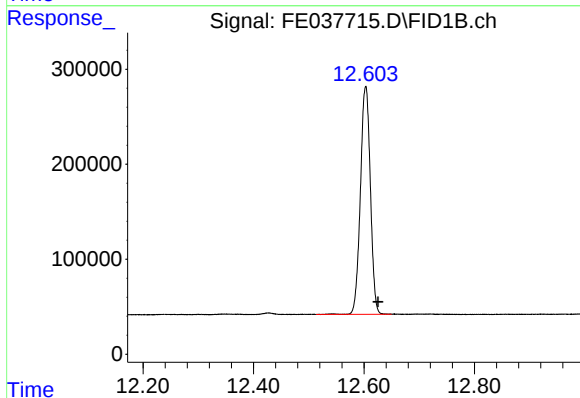
R.T.: 11.301 min
Delta R.T.: -0.024 min
Response: 3095589
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

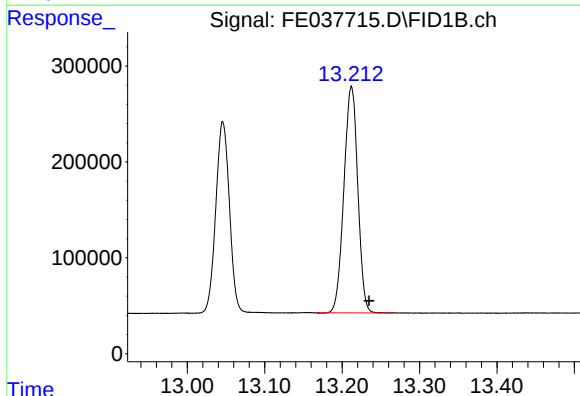
R.T.: 11.624 min
Delta R.T.: -0.024 min
Response: 3163072
Conc: 18.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



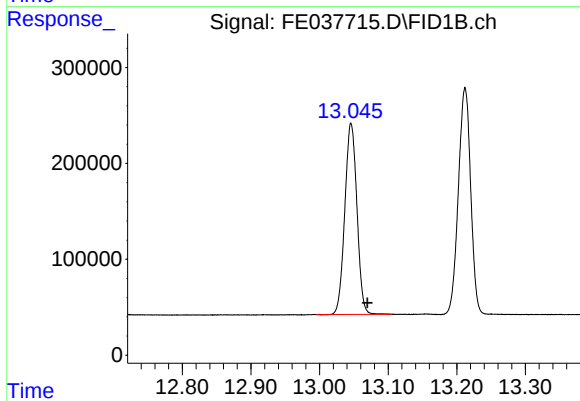
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.022 min
Response: 2998030
Conc: 18.95 ug/ml



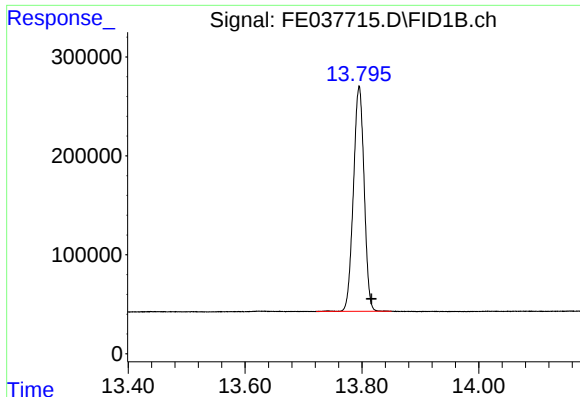
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.023 min
Response: 2945416
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

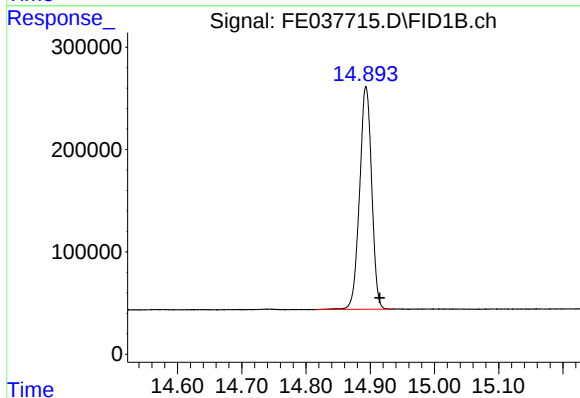
R.T.: 13.046 min
Delta R.T.: -0.024 min
Response: 2442739
Conc: 18.98 ug/ml



#13 n-Docosane (C22)

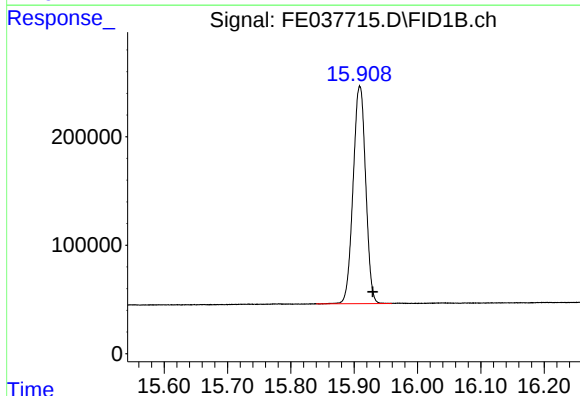
R.T.: 13.795 min
Delta R.T.: -0.021 min
Response: 2902508
Conc: 18.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



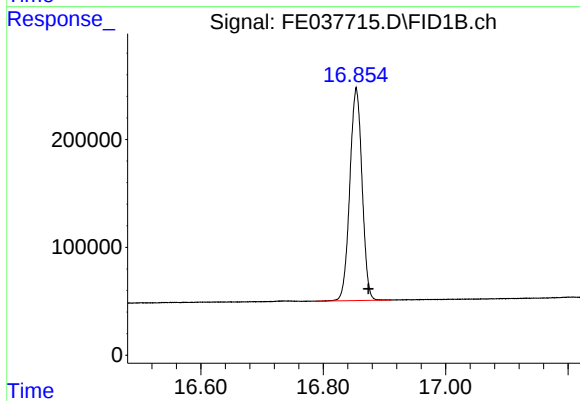
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: -0.021 min
Response: 2847656
Conc: 18.93 ug/ml



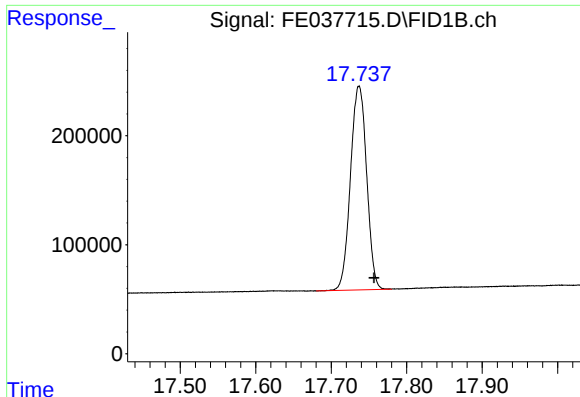
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: -0.021 min
Response: 2765391
Conc: 19.10 ug/ml



#16 n-Octacosane (C28)

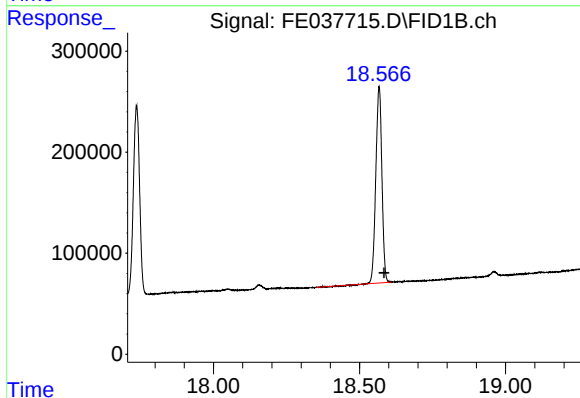
R.T.: 16.854 min
Delta R.T.: -0.020 min
Response: 2732934
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

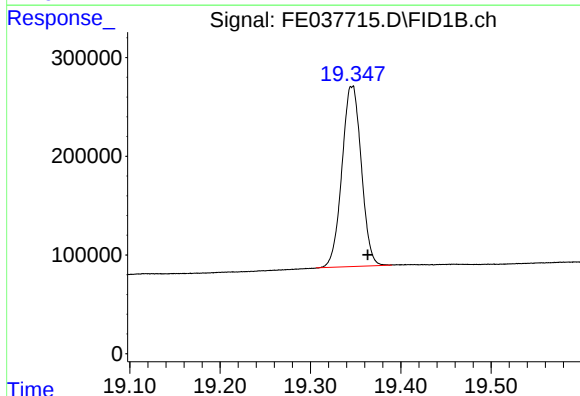
R.T.: 17.737 min
Delta R.T.: -0.020 min
Response: 2781691
Conc: 20.45 ug/ml

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20 PPM ALIPHATIC HC STD



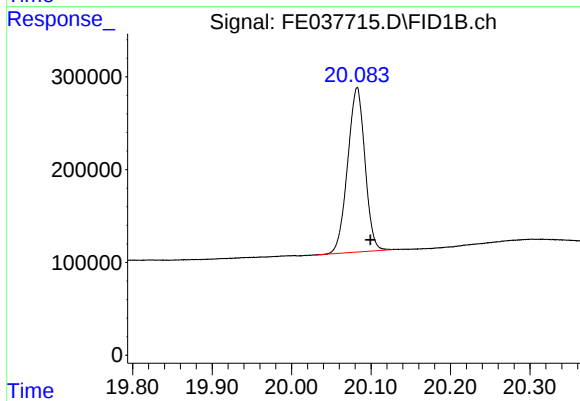
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.017 min
Response: 2808523
Conc: 21.03 ug/ml



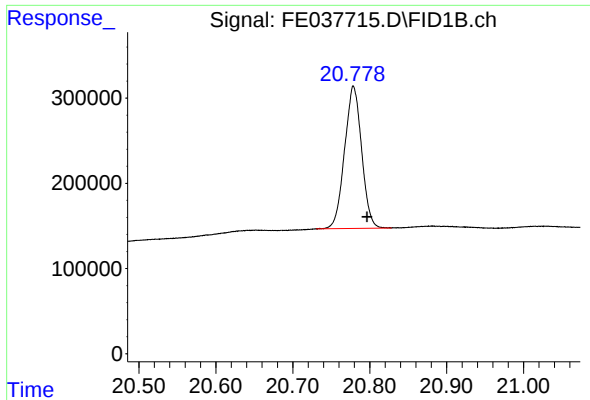
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.016 min
Response: 2720130
Conc: 21.50 ug/ml m



#20 n-Hexatriacontane (C36)

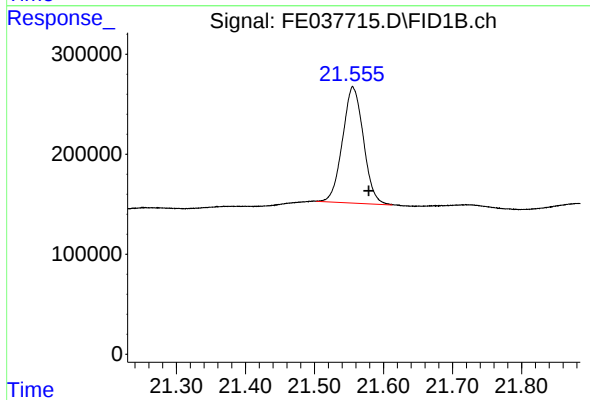
R.T.: 20.083 min
Delta R.T.: -0.017 min
Response: 2678677
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.018 min
Response: 2572398
Conc: 20.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.555 min
Delta R.T.: -0.024 min
Response: 2445535
Conc: 18.97 ug/ml m