

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081622AL\
 Data File : FE037077.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2022 09:17
 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: Aug 17 05:57:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.816	3700012	20.116 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
12) S 1-chlorooctadecane (S...	13.254	2924061	20.035 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.210	3152278	20.509 ug/ml
2) T n-Decane (C10)	4.464	3163936	20.701 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3430657	20.850 ug/ml
4) T n-Dodecane (C12)	6.631	3249391	20.805 ug/ml
5) T A~2-methylnaphthalene...	7.259	3392314	20.901 ug/ml
6) T n-Tetradecane (C14)	8.458	3266225	20.668 ug/ml
7) T n-Hexadecane (C16)	10.063	3278943	20.617 ug/ml
8) T n-Octadecane (C18)	11.504	3350678	20.408 ug/ml
10) T n-Eicosane (C20)	12.811	3311218	20.169 ug/ml
11) T n-Heneicosane (C21)	13.423	3299554	20.076 ug/ml
13) T n-Docosane (C22)	14.007	3254095	20.000 ug/ml
14) T n-Tetracosane (C24)	15.108	3188676	19.729 ug/ml
15) T n-Hexacosane (C26)	16.129	3076793	19.397 ug/ml
16) T n-Octacosane (C28)	17.079	2967255	19.090 ug/ml
17) T n-Tricontane (C30)	17.965	2781800	19.074 ug/ml
18) T n-Dotriacontane (C32)	18.797	2238793	19.265 ug/ml
19) T n-Tetratriacontane (C34)	19.580	1618736	19.643 ug/ml
20) T n-Hexatriacontane (C36)	20.321	1226685	20.305 ug/ml
21) T n-Octatriacontane (C38)	21.041	1047277	20.535 ug/ml
22) T n-Tetracontane (C40)	21.912	986304	20.492 ug/ml

(f)=RT Delta > 1/2 Window

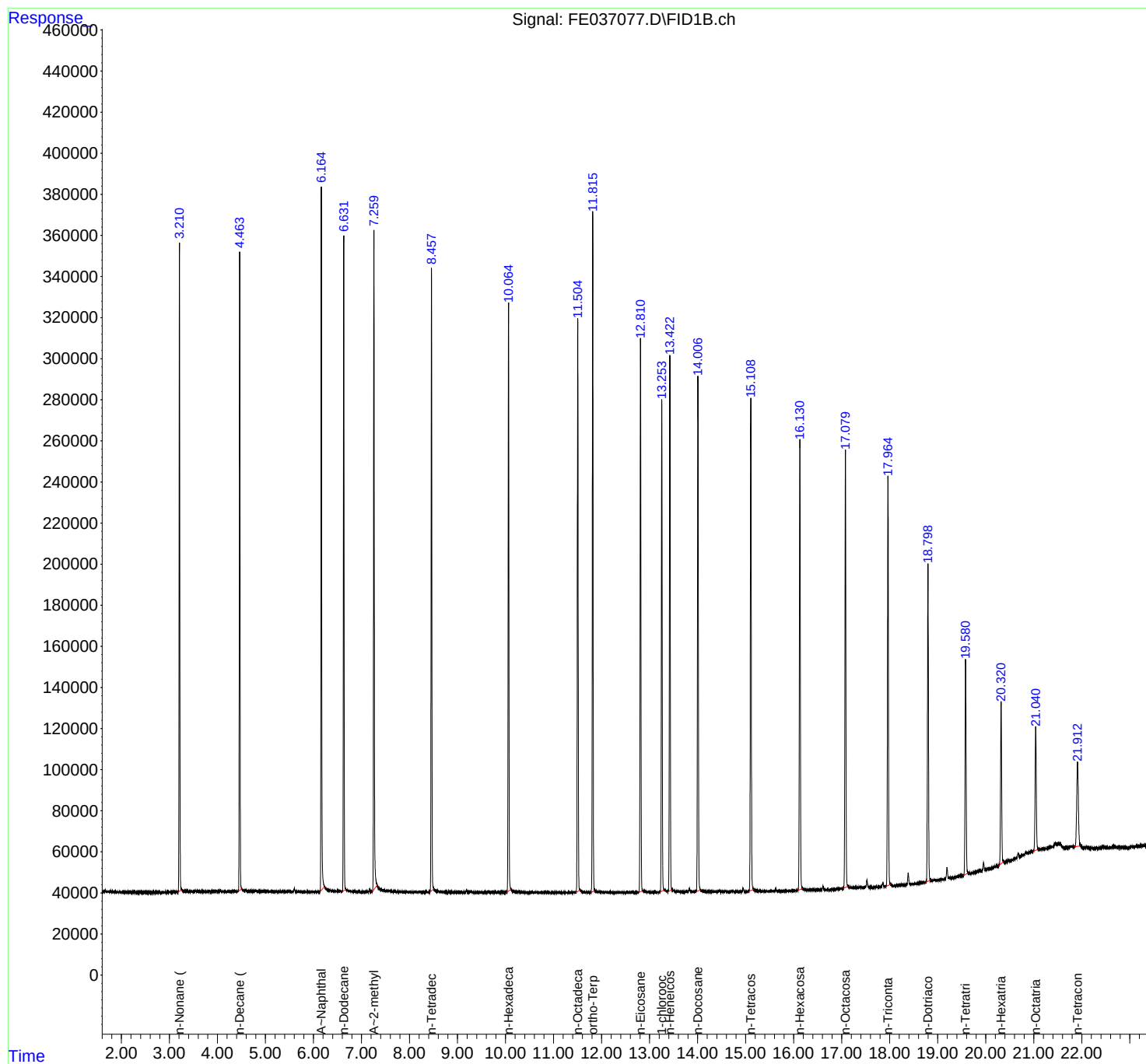
(m)=manual int.

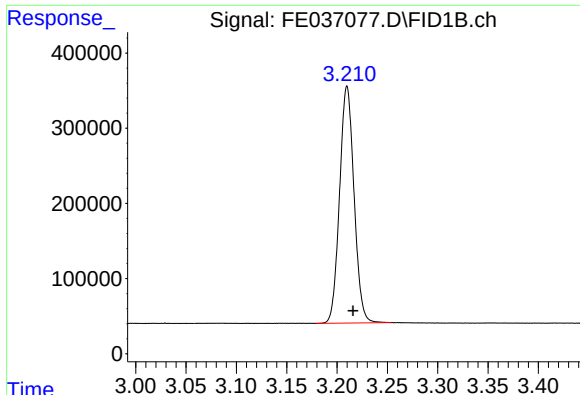
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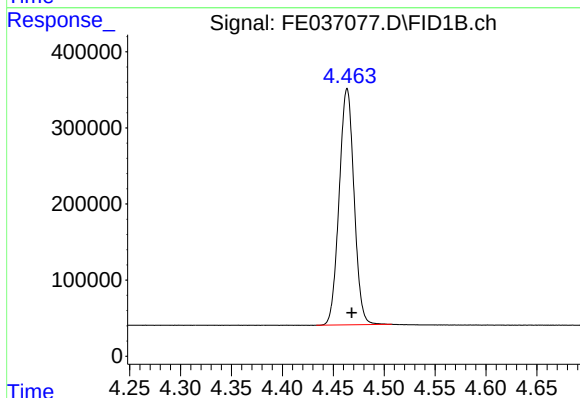




#1 n-Nonane (C9)

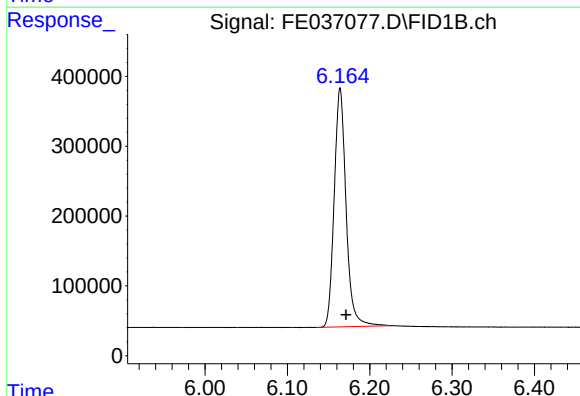
R.T.: 3.210 min
Delta R.T.: -0.006 min
Response: 3152278
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



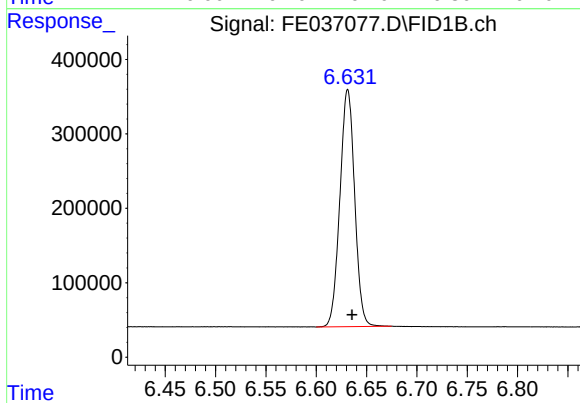
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.005 min
Response: 3163936
Conc: 20.70 ug/ml



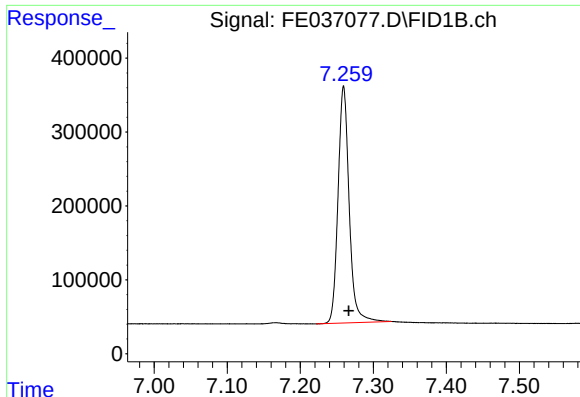
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 3430657
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

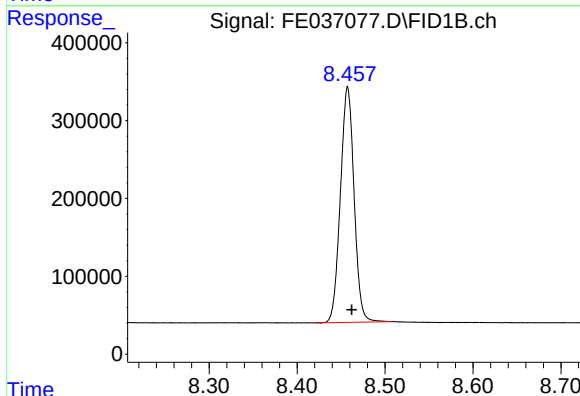
R.T.: 6.631 min
Delta R.T.: -0.004 min
Response: 3249391
Conc: 20.81 ug/ml



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

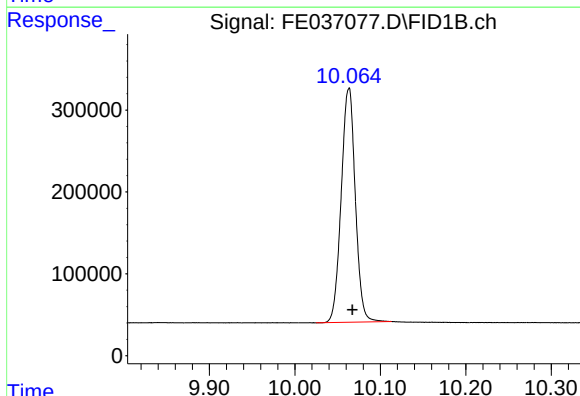
R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 3392314
Conc: 20.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



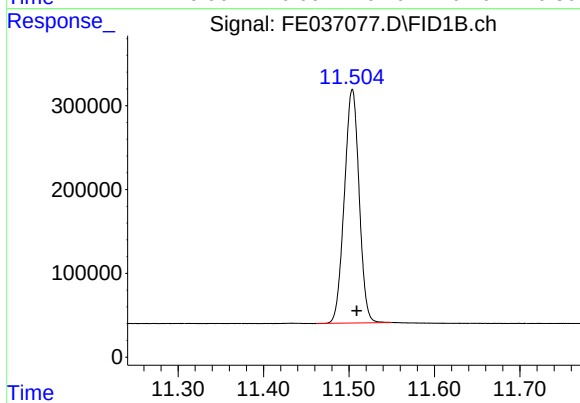
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.005 min
Response: 3266225
Conc: 20.67 ug/ml



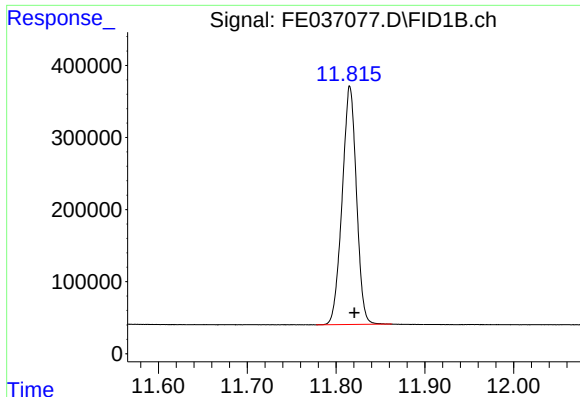
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.004 min
Response: 3278943
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

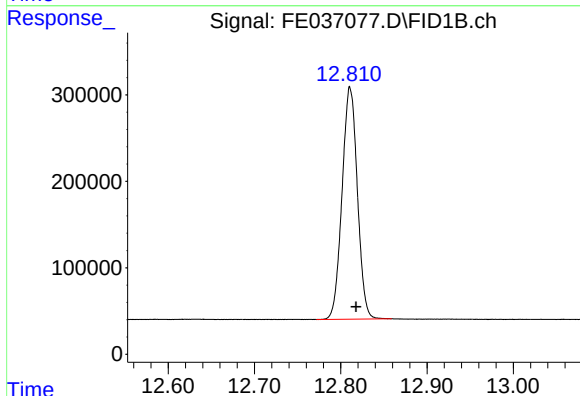
R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 3350678
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

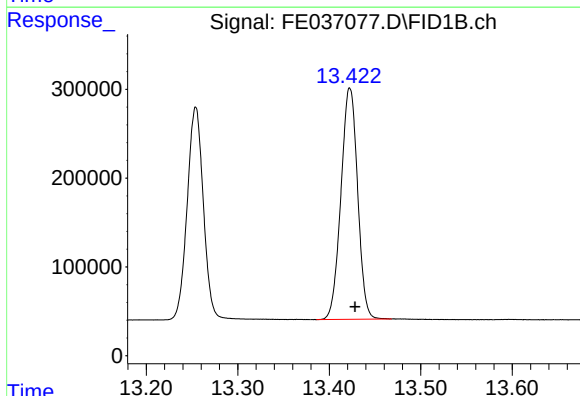
R.T.: 11.816 min
Delta R.T.: -0.005 min
Response: 3700012
Conc: 20.12 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



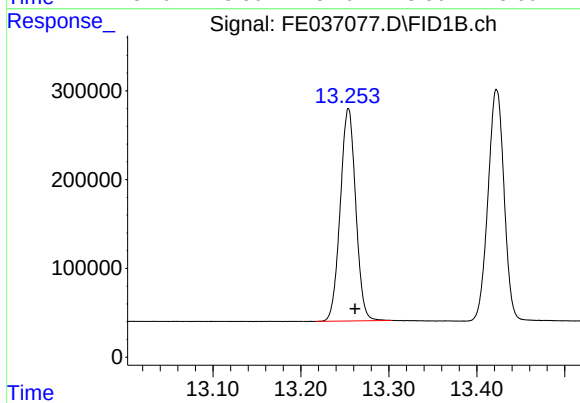
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.007 min
Response: 3311218
Conc: 20.17 ug/ml



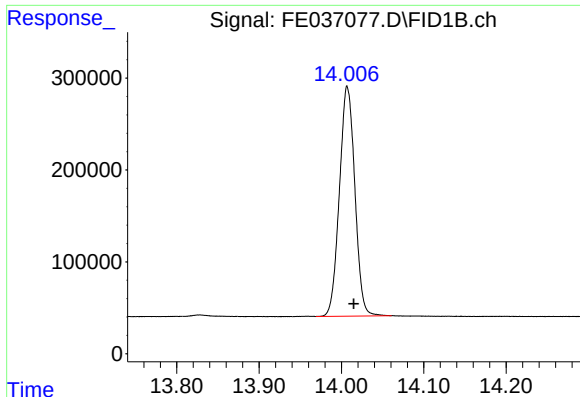
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.006 min
Response: 3299554
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

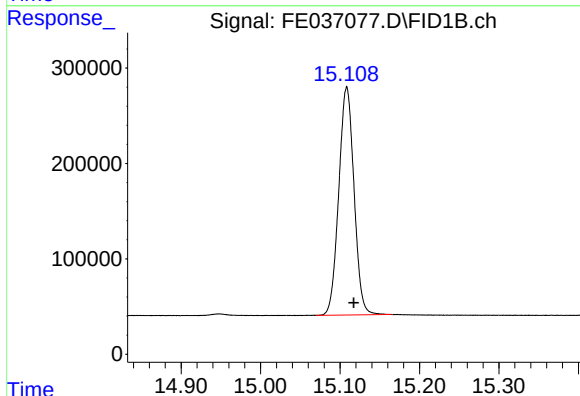
R.T.: 13.254 min
Delta R.T.: -0.007 min
Response: 2924061
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

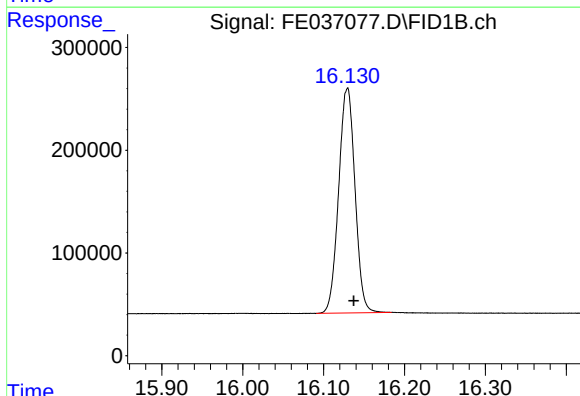
R.T.: 14.007 min
Delta R.T.: -0.008 min
Response: 3254095
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



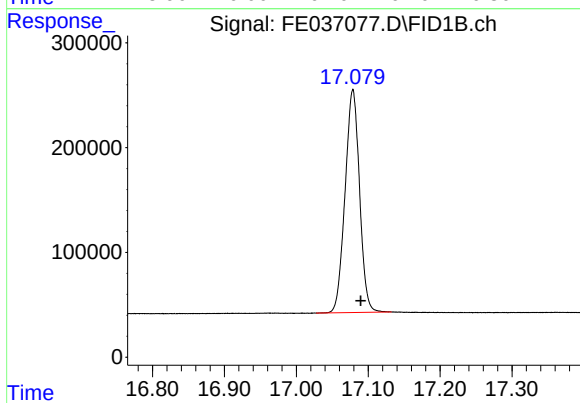
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.009 min
Response: 3188676
Conc: 19.73 ug/ml



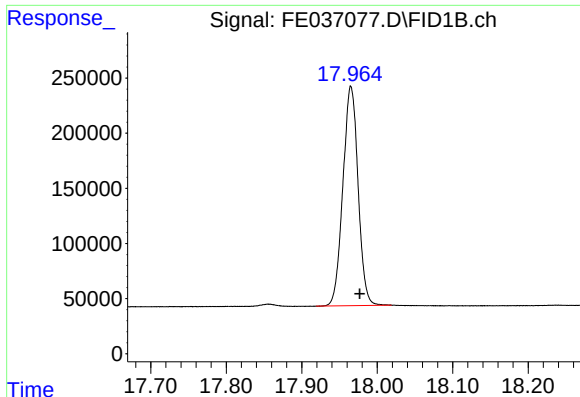
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.008 min
Response: 3076793
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

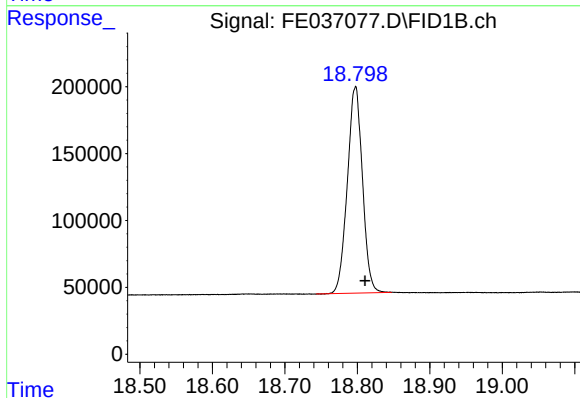
R.T.: 17.079 min
Delta R.T.: -0.011 min
Response: 2967255
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

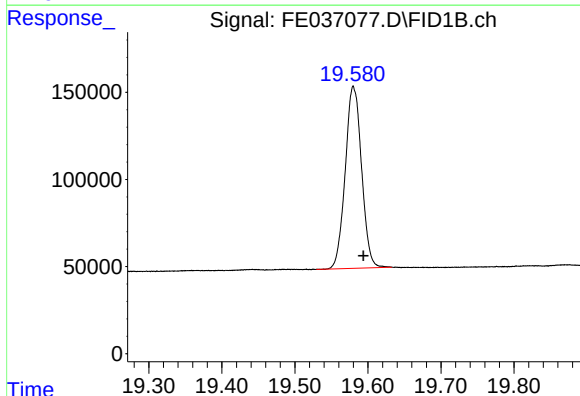
R.T.: 17.965 min
Delta R.T.: -0.012 min
Response: 2781800
Conc: 19.07 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



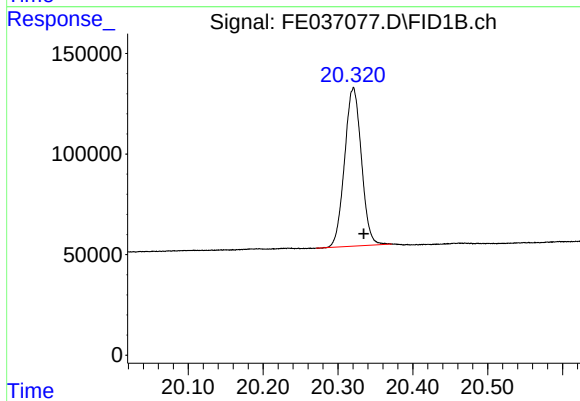
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.013 min
Response: 2238793
Conc: 19.27 ug/ml



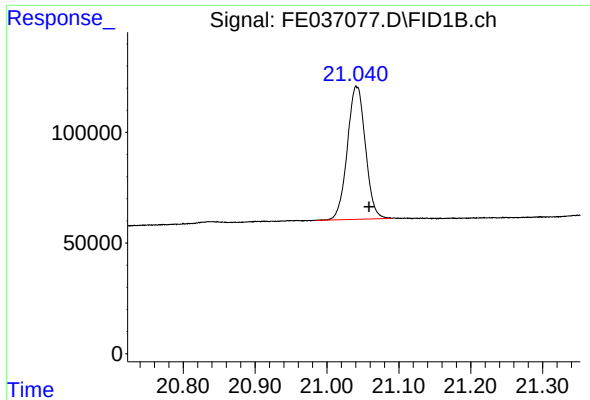
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.014 min
Response: 1618736
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

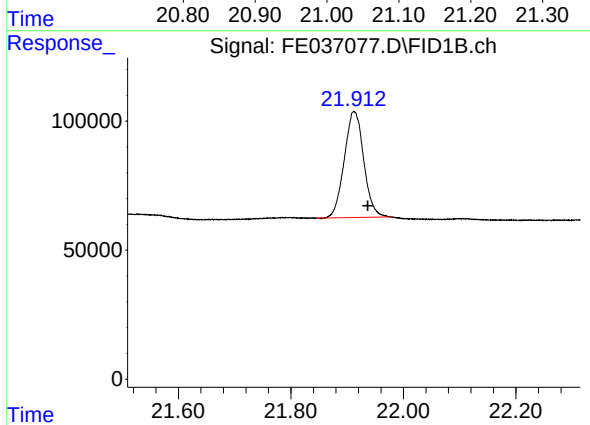
R.T.: 20.321 min
Delta R.T.: -0.014 min
Response: 1226685
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.017 min
Response: 1047277
Conc: 20.53 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: -0.025 min
Response: 986304
Conc: 20.49 ug/ml