

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050324AL\
 Data File : FE047958.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2024 07:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 23:44:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.967	2707955	18.771 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	13.400	2096939	18.766 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.350	2432057	18.871 ug/ml
2) T n-Decane (C10)	4.602	2517753	19.124 ug/ml
3) T A~Naphthalene (C11.7)	6.309	2614517	18.934 ug/ml
4) T n-Dodecane (C12)	6.767	2541941	19.068 ug/ml
5) T A~2-methylnaphthalene...	7.405	2503933	18.816 ug/ml
6) T n-Tetradecane (C14)	8.596	2510721	18.946 ug/ml
7) T n-Hexadecane (C16)	10.203	2601189	18.913 ug/ml
8) T n-Octadecane (C18)	11.645	2635541	18.920 ug/ml
10) T n-Eicosane (C20)	12.955	2549079	18.932 ug/ml
11) T n-Heneicosane (C21)	13.566	2492884	18.832 ug/ml
13) T n-Docosane (C22)	14.152	2545571	19.209 ug/ml
14) T n-Tetracosane (C24)	15.255	2657821	19.961 ug/ml
15) T n-Hexacosane (C26)	16.275	2737097	20.511 ug/ml
16) T n-Octacosane (C28)	17.224	2831482	21.266 ug/ml
17) T n-Tricontane (C30)	18.111	3011962	21.824 ug/ml
18) T n-Dotriacontane (C32)	18.943	2979494	21.571 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2767998	20.320 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2628946	19.416 ug/ml
21) T n-Octatriacontane (C38)	21.205	2585862	18.729 ug/ml
22) T n-Tetracontane (C40)	22.128	2547850	18.288 ug/ml

(f)=RT Delta > 1/2 Window

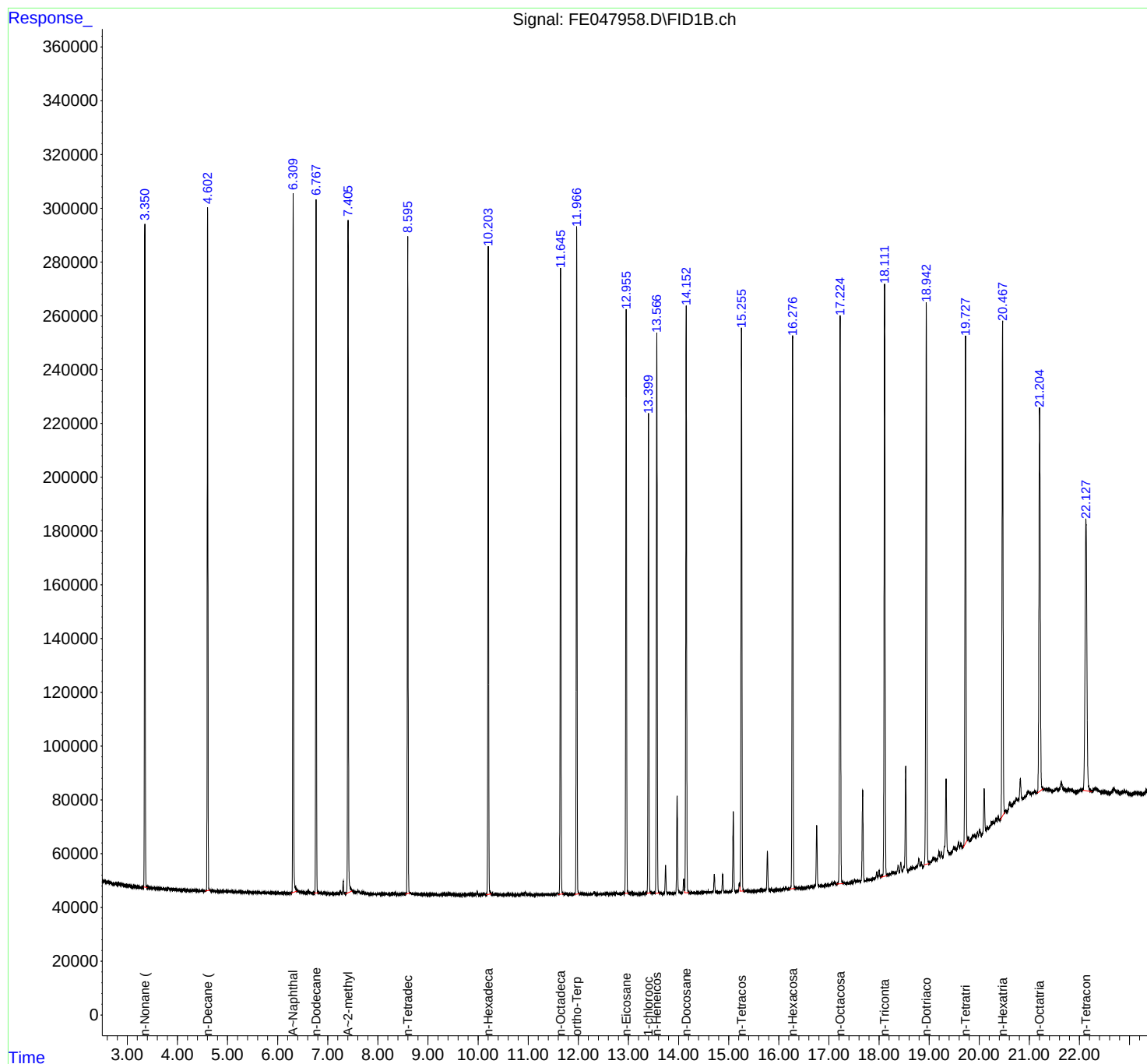
(m)=manual int.

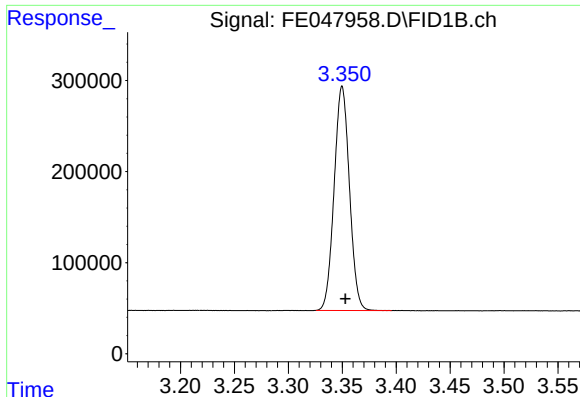
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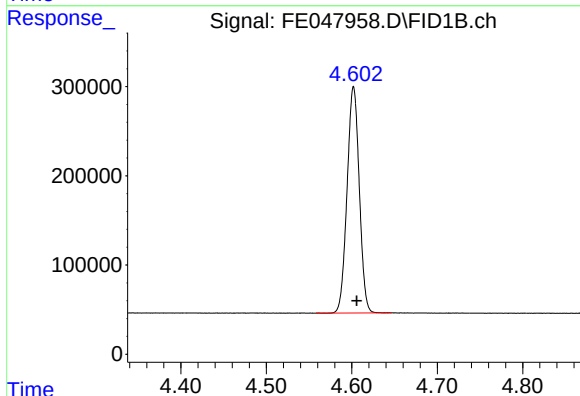




#1 n-Nonane (C9)

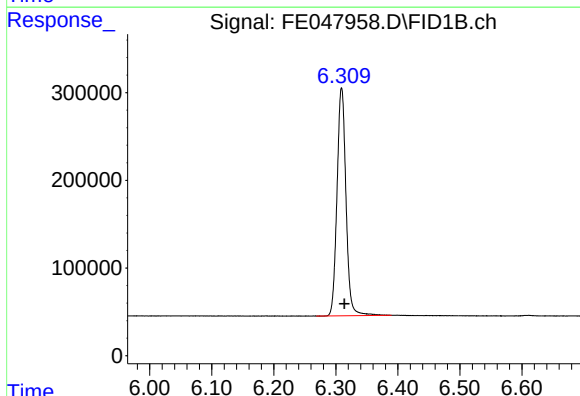
R.T.: 3.350 min
Delta R.T.: -0.003 min
Response: 2432057
Conc: 18.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



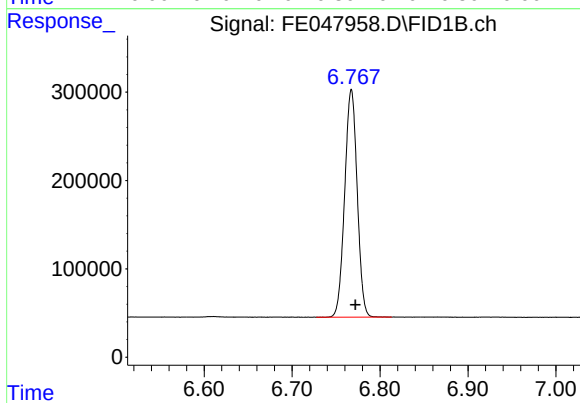
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.004 min
Response: 2517753
Conc: 19.12 ug/ml



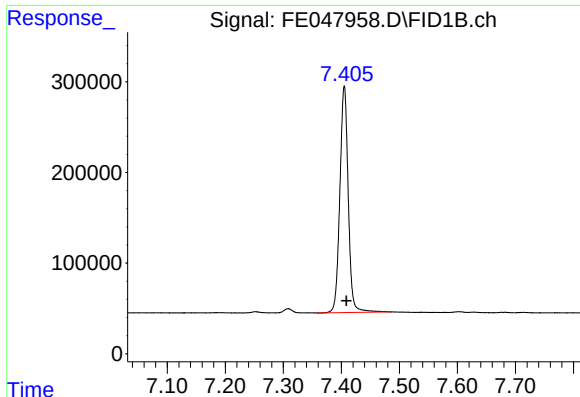
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: -0.004 min
Response: 2614517
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

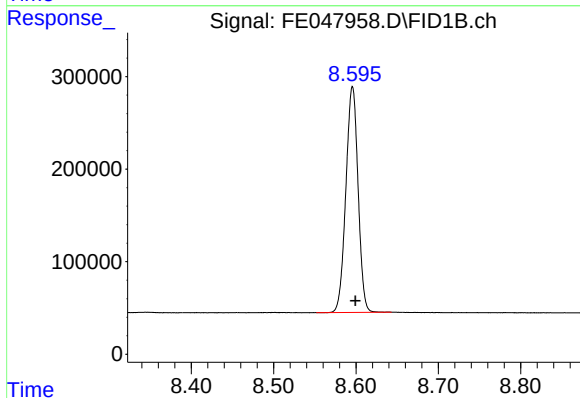
R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 2541941
Conc: 19.07 ug/ml



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

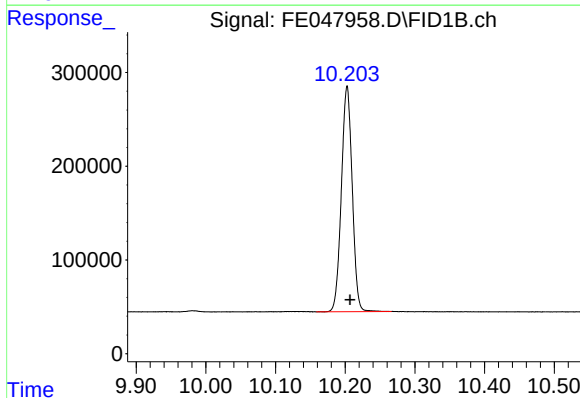
R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 2503933
Conc: 18.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



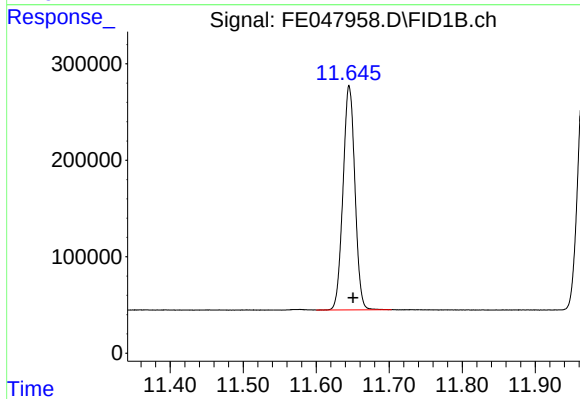
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.004 min
Response: 2510721
Conc: 18.95 ug/ml



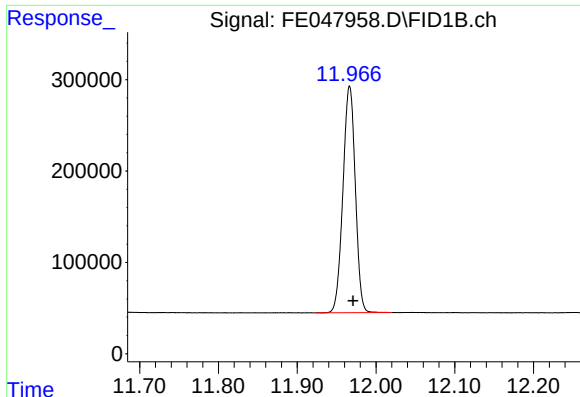
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.004 min
Response: 2601189
Conc: 18.91 ug/ml



#8 n-Octadecane (C18)

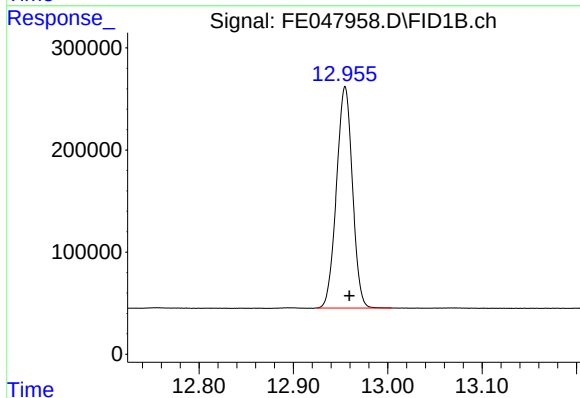
R.T.: 11.645 min
Delta R.T.: -0.005 min
Response: 2635541
Conc: 18.92 ug/ml



#9 ortho-Terphenyl (SURR)

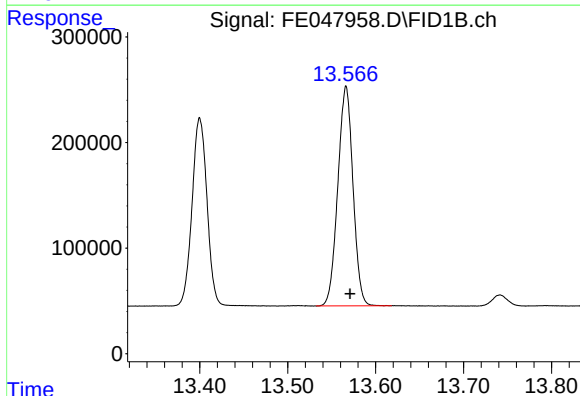
R.T.: 11.967 min
Delta R.T.: -0.004 min
Response: 2707955
Conc: 18.77 ug/ml

Instrument :
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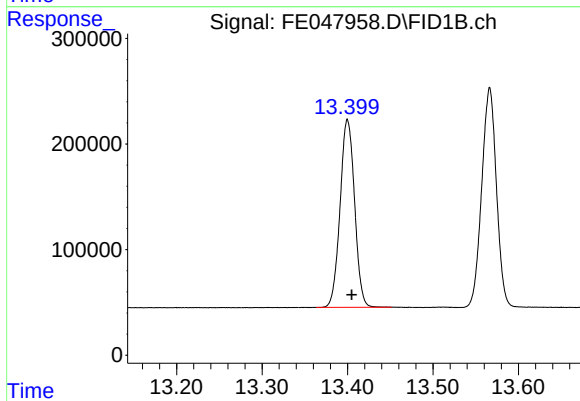
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 2549079
Conc: 18.93 ug/ml



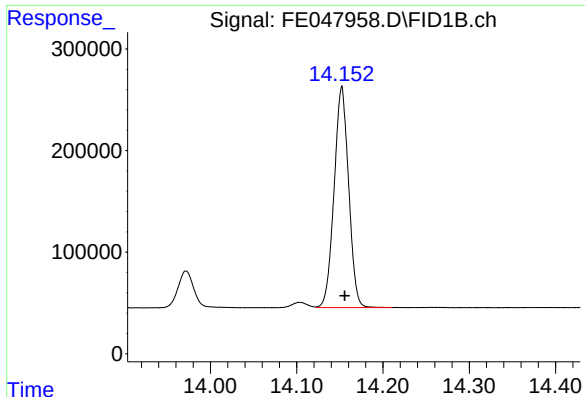
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.005 min
Response: 2492884
Conc: 18.83 ug/ml



#12 1-chlorooctadecane (SURR)

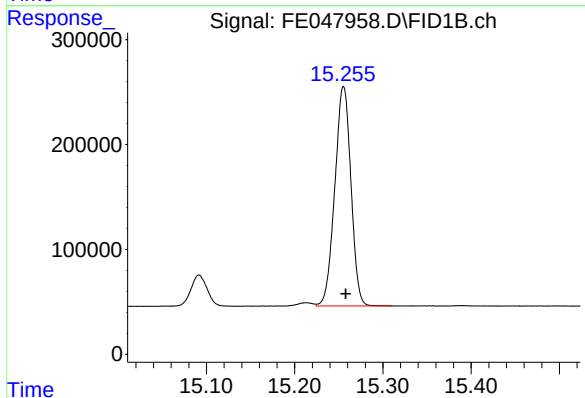
R.T.: 13.400 min
Delta R.T.: -0.005 min
Response: 2096939
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

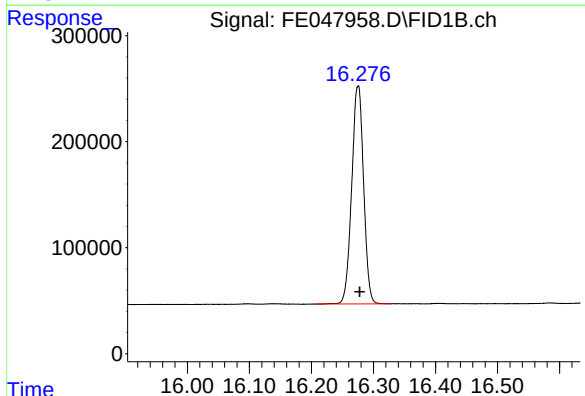
R.T.: 14.152 min
Delta R.T.: -0.003 min
Response: 2545571
Conc: 19.21 ug/ml

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20 PPM ALIPHATIC HC STD



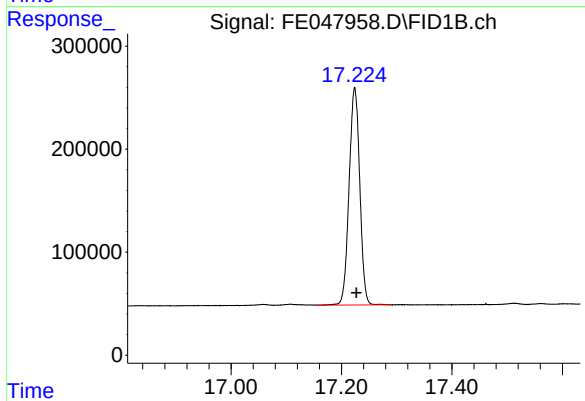
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.003 min
Response: 2657821
Conc: 19.96 ug/ml



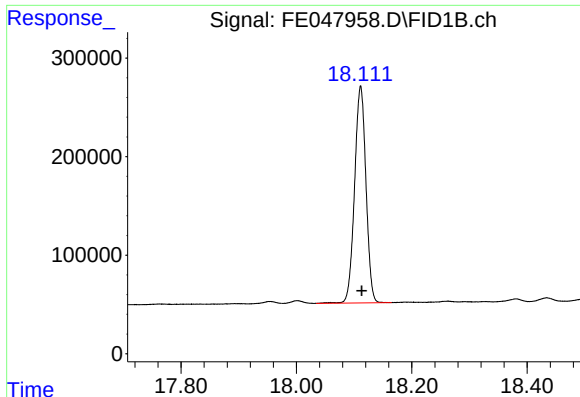
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.003 min
Response: 2737097
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

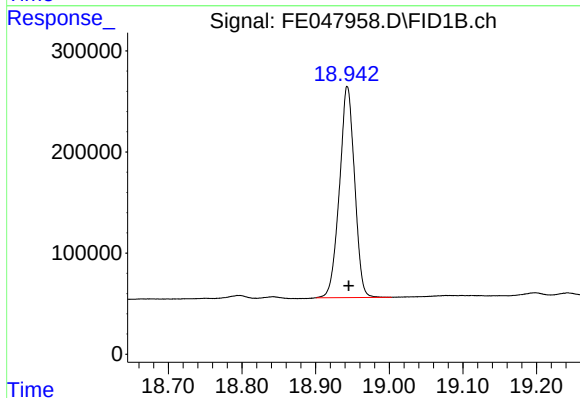
R.T.: 17.224 min
Delta R.T.: -0.003 min
Response: 2831482
Conc: 21.27 ug/ml



#17 n-Tricontane (C30)

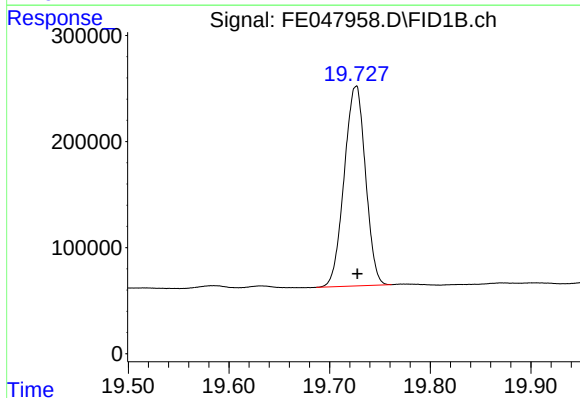
R.T.: 18.111 min
Delta R.T.: -0.002 min
Response: 3011962
Conc: 21.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



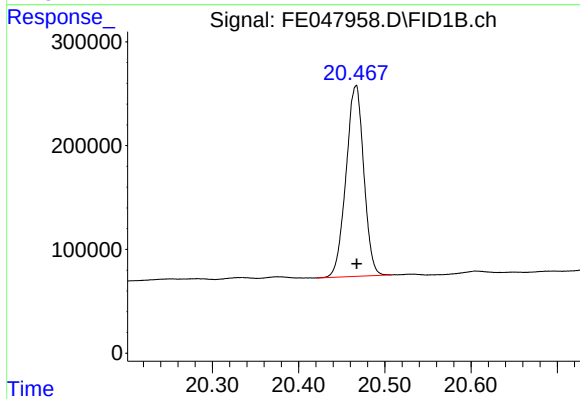
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.002 min
Response: 2979494
Conc: 21.57 ug/ml



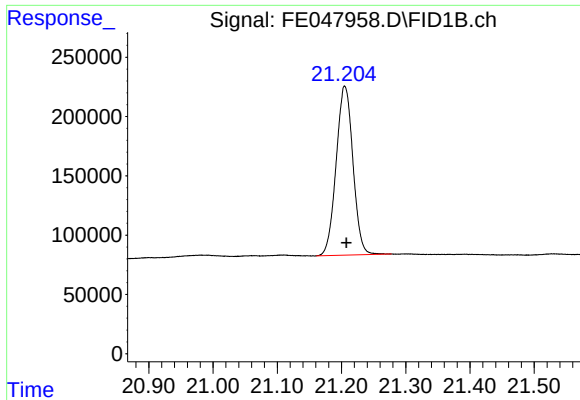
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.001 min
Response: 2767998
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

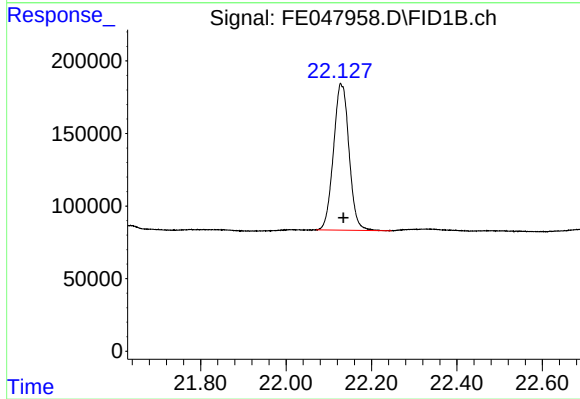
R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 2628946
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.003 min
Response: 2585862
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.006 min
Response: 2547850
Conc: 18.29 ug/ml