

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062424AL\
 Data File : FE048870.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2024 23:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 25 01:44:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.933	3204947	19.167 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.368	2463136	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.323	3026798	20.133 ug/ml
2) T n-Decane (C10)	4.571	3089630	20.077 ug/ml
3) T A~Naphthalene (C11.7)	6.276	3182390	20.046 ug/ml
4) T n-Dodecane (C12)	6.735	3084484	19.981 ug/ml
5) T A~2-methylnaphthalene...	7.372	3046523	20.117 ug/ml
6) T n-Tetradecane (C14)	8.564	3042278	19.850 ug/ml
7) T n-Hexadecane (C16)	10.171	3112976	19.909 ug/ml
8) T n-Octadecane (C18)	11.614	3130931	19.631 ug/ml
10) T n-Eicosane (C20)	12.922	2991053	19.293 ug/ml
11) T n-Heneicosane (C21)	13.534	2930290	19.245 ug/ml
13) T n-Docosane (C22)	14.119	2893246	19.131 ug/ml
14) T n-Tetracosane (C24)	15.222	2857832	19.017 ug/ml
15) T n-Hexacosane (C26)	16.242	2792023	18.912 ug/ml
16) T n-Octacosane (C28)	17.191	2742186	19.015 ug/ml
17) T n-Tricontane (C30)	18.078	2810643	19.212 ug/ml
18) T n-Dotriacontane (C32)	18.910	2780849	19.449 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2709153	19.579 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2609565	20.079 ug/ml
21) T n-Octatriacontane (C38)	21.168	2556444	19.942 ug/ml
22) T n-Tetracontane (C40)	22.082	2564184	20.939 ug/ml

(f)=RT Delta > 1/2 Window

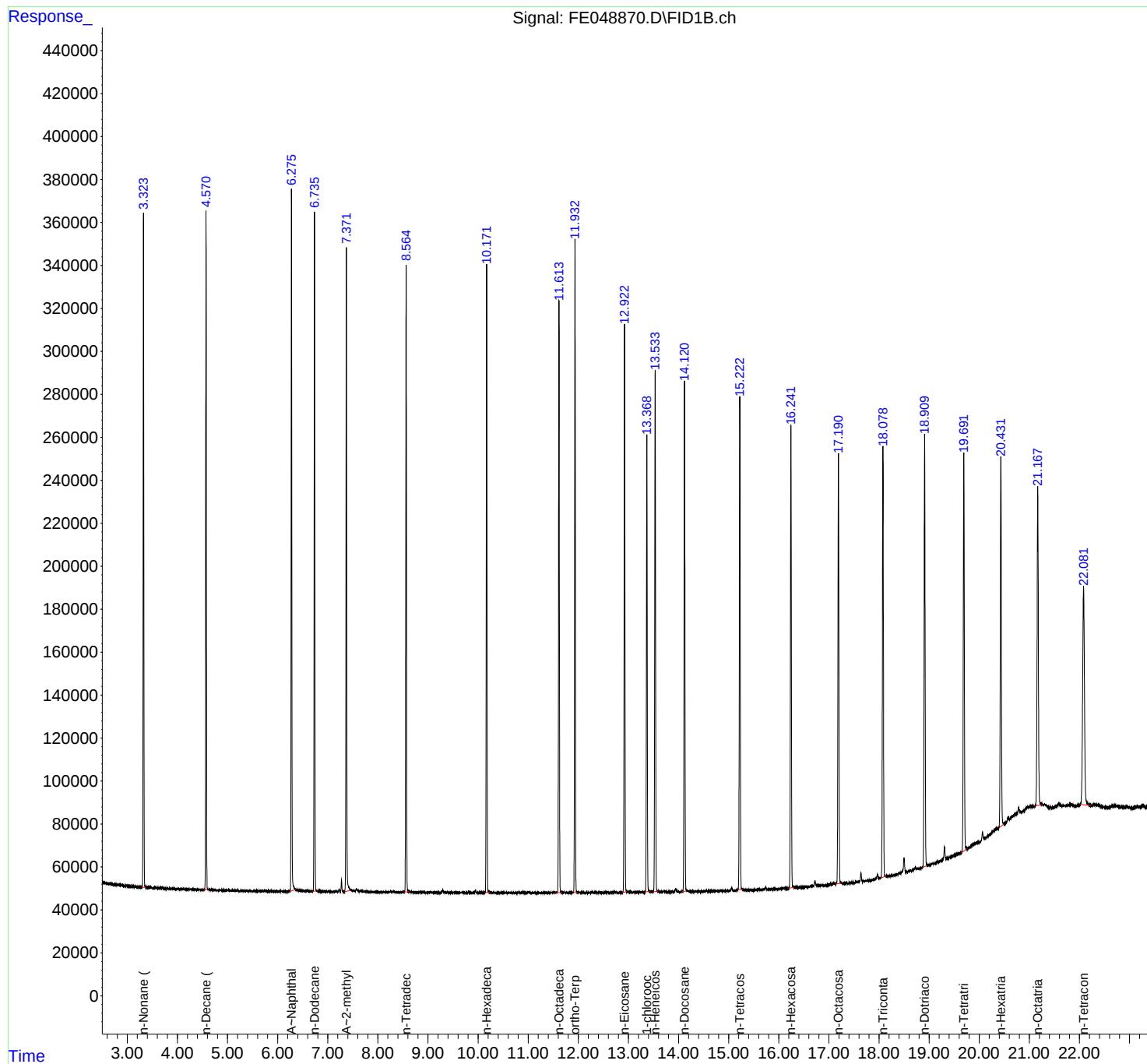
(m)=manual int.

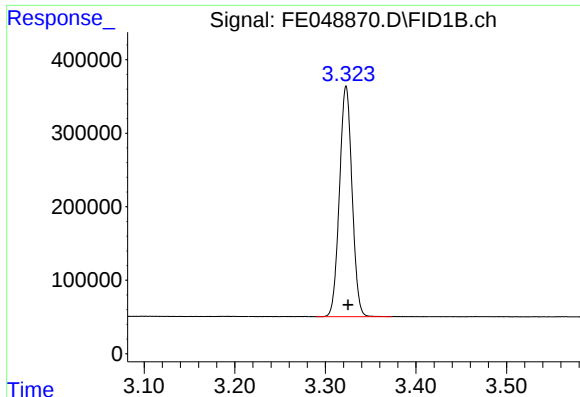
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062424AL\
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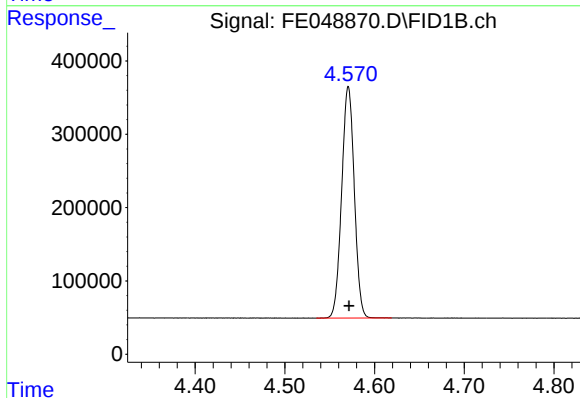




#1 n-Nonane (C9)

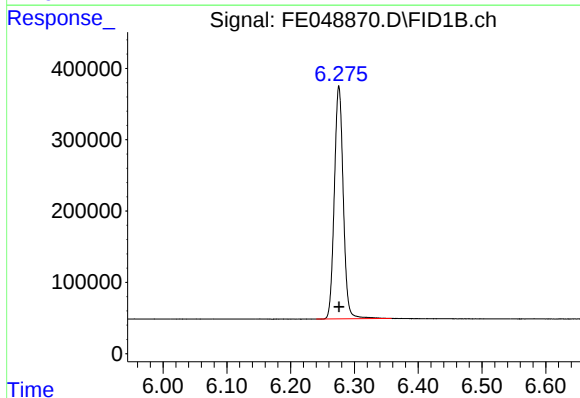
R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 3026798
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



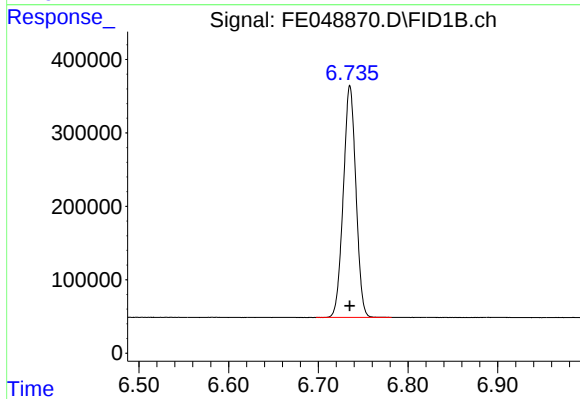
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3089630
Conc: 20.08 ug/ml



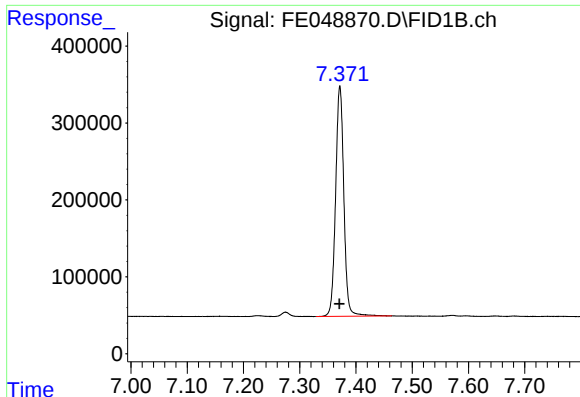
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 3182390
Conc: 20.05 ug/ml



#4 n-Dodecane (C12)

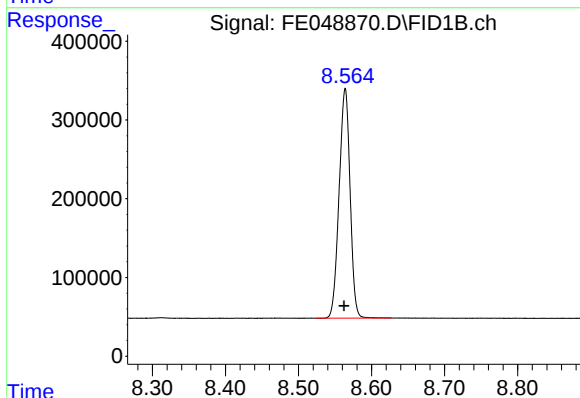
R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 3084484
Conc: 19.98 ug/ml



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

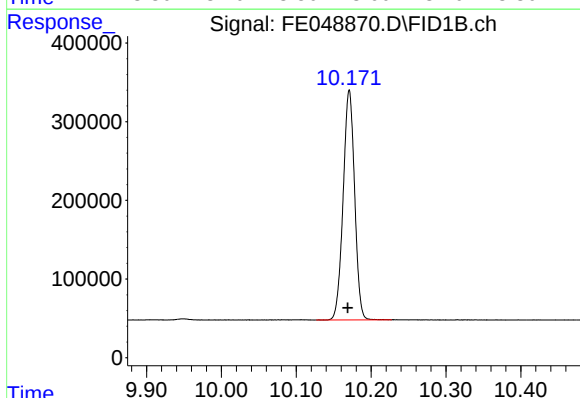
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 3046523
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



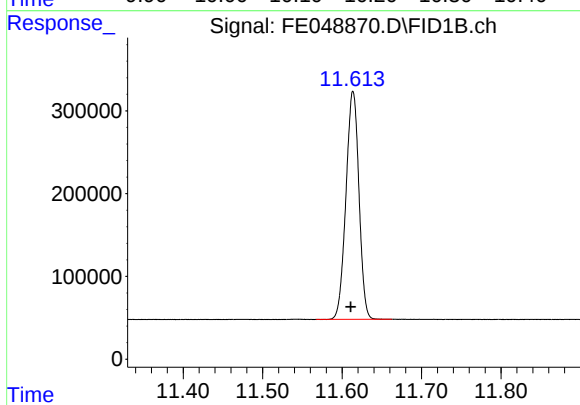
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 3042278
Conc: 19.85 ug/ml



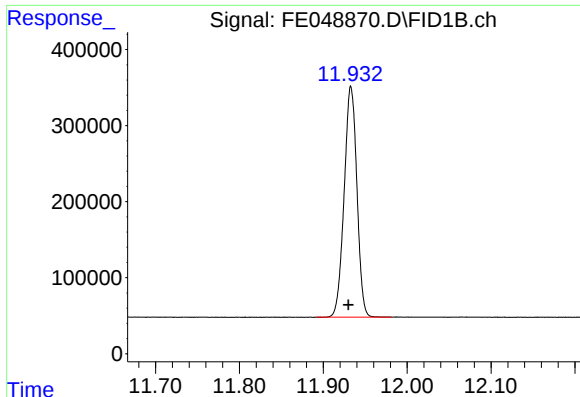
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.002 min
Response: 3112976
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

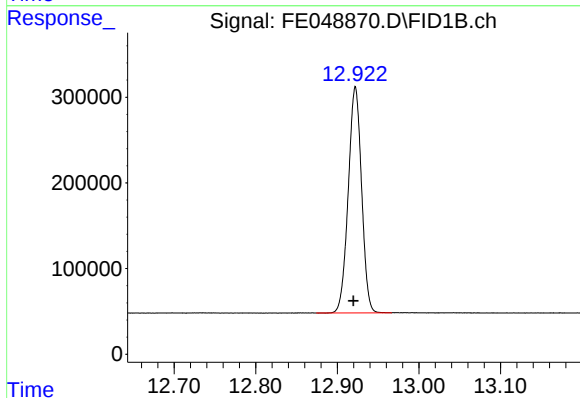
R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 3130931
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

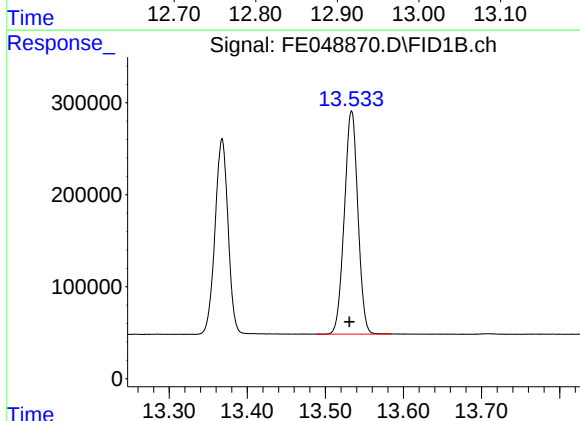
R.T.: 11.933 min
Delta R.T.: 0.003 min
Response: 3204947
Conc: 19.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



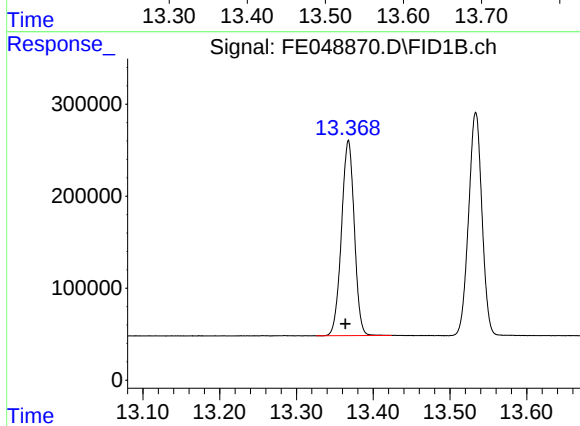
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.003 min
Response: 2991053
Conc: 19.29 ug/ml



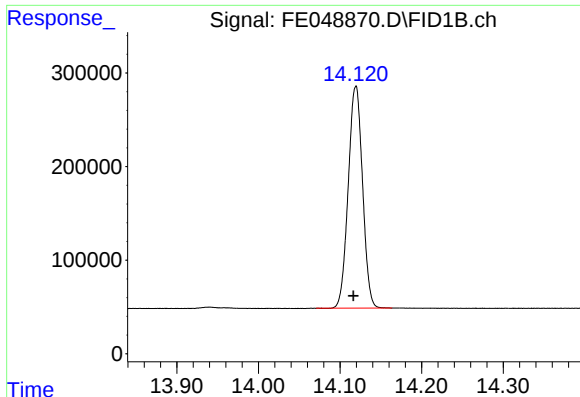
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.003 min
Response: 2930290
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

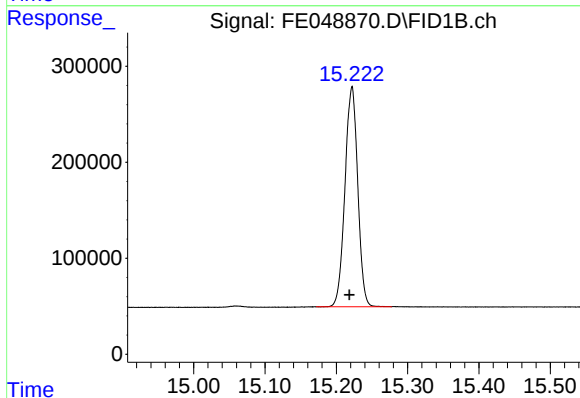
R.T.: 13.368 min
Delta R.T.: 0.004 min
Response: 2463136
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

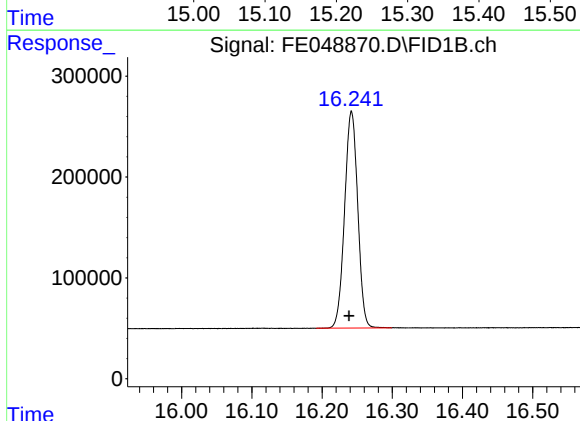
R.T.: 14.119 min
Delta R.T.: 0.003 min
Response: 2893246
Conc: 19.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



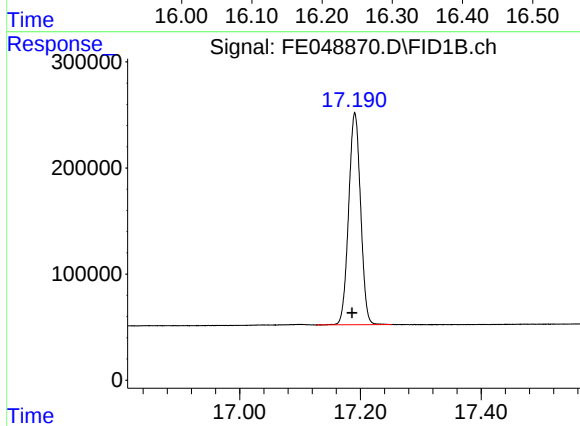
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.004 min
Response: 2857832
Conc: 19.02 ug/ml



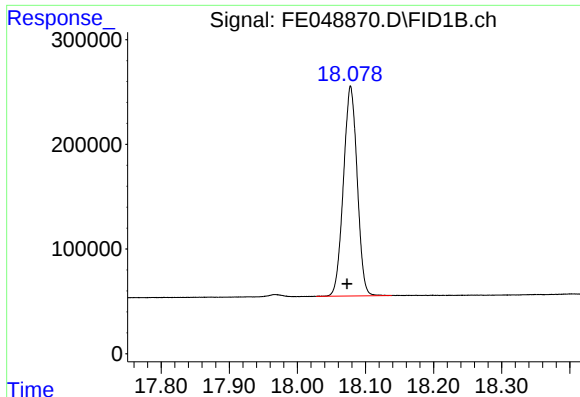
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.004 min
Response: 2792023
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

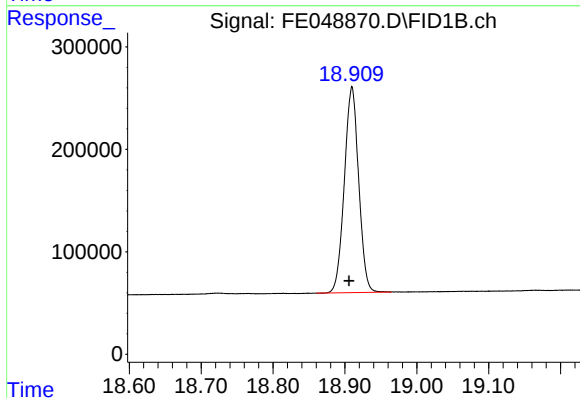
R.T.: 17.191 min
Delta R.T.: 0.005 min
Response: 2742186
Conc: 19.01 ug/ml



#17 n-Tricontane (C30)

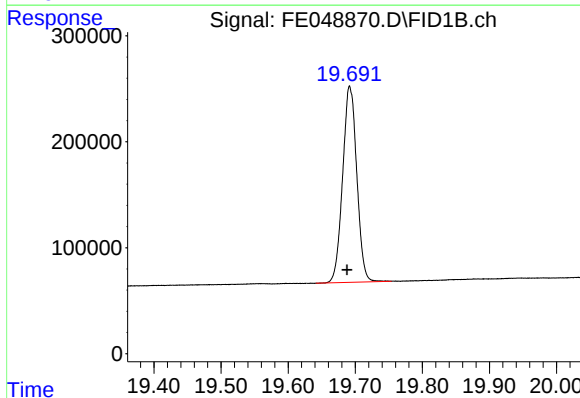
R.T.: 18.078 min
Delta R.T.: 0.005 min
Response: 2810643
Conc: 19.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



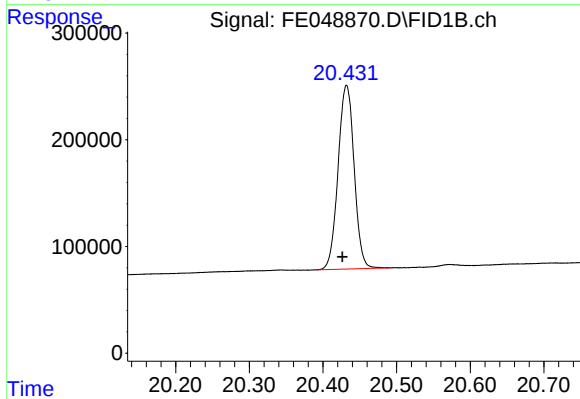
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.004 min
Response: 2780849
Conc: 19.45 ug/ml



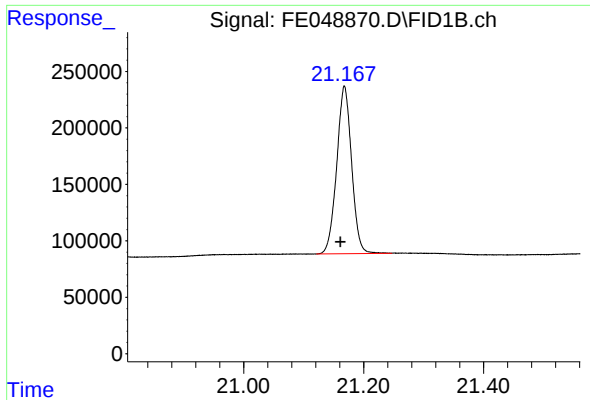
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.004 min
Response: 2709153
Conc: 19.58 ug/ml



#20 n-Hexatriacontane (C36)

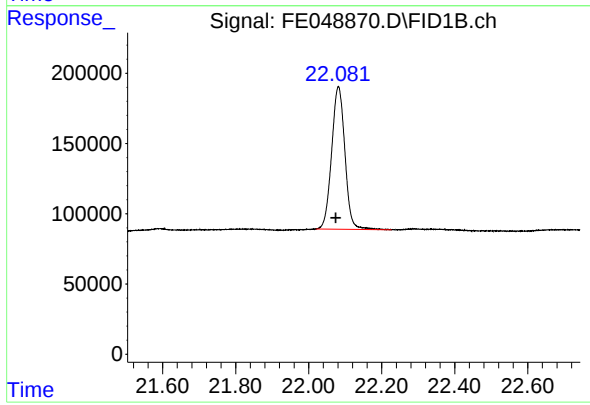
R.T.: 20.432 min
Delta R.T.: 0.006 min
Response: 2609565
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.007 min
Response: 2556444
Conc: 19.94 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: 0.007 min
Response: 2564184
Conc: 20.94 ug/ml