

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062424AL\
 Data File : FE048845.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2024 08:45
 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 01:34:57 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)	11.936	3503201	20.951 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.371	2661328	20.696 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T n-Nonane (C9)	3.325	3258258	21.672 ug/ml
2) T n-Decane (C10)	4.573	3327986	21.626 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3428790	21.598 ug/ml
4) T n-Dodecane (C12)	6.737	3328964	21.564 ug/ml
5) T A~2-methylnaphthalene...	7.373	3270782	21.598 ug/ml
6) T n-Tetradecane (C14)	8.566	3275351	21.371 ug/ml
7) T n-Hexadecane (C16)	10.173	3361656	21.500 ug/ml
8) T n-Octadecane (C18)	11.616	3389266	21.251 ug/ml
10) T n-Eicosane (C20)	12.925	3244641	20.928 ug/ml
11) T n-Heneicosane (C21)	13.537	3182486	20.901 ug/ml
13) T n-Docosane (C22)	14.123	3139048	20.756 ug/ml
14) T n-Tetracosane (C24)	15.225	3095696	20.600 ug/ml
15) T n-Hexacosane (C26)	16.246	3024673	20.488 ug/ml
16) T n-Octacosane (C28)	17.195	2955504	20.494 ug/ml
17) T n-Tricontane (C30)	18.081	3008121	20.561 ug/ml
18) T n-Dotriacontane (C32)	18.913	2960613	20.707 ug/ml
19) T n-Tetratriacontane (C34)	19.697	2884590	20.847 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2732823	21.027 ug/ml
21) T n-Octatriacontane (C38)	21.174	2732365	21.314 ug/ml
22) T n-Tetracontane (C40)	22.088	2820111	23.029 ug/ml

(f)=RT Delta > 1/2 Window

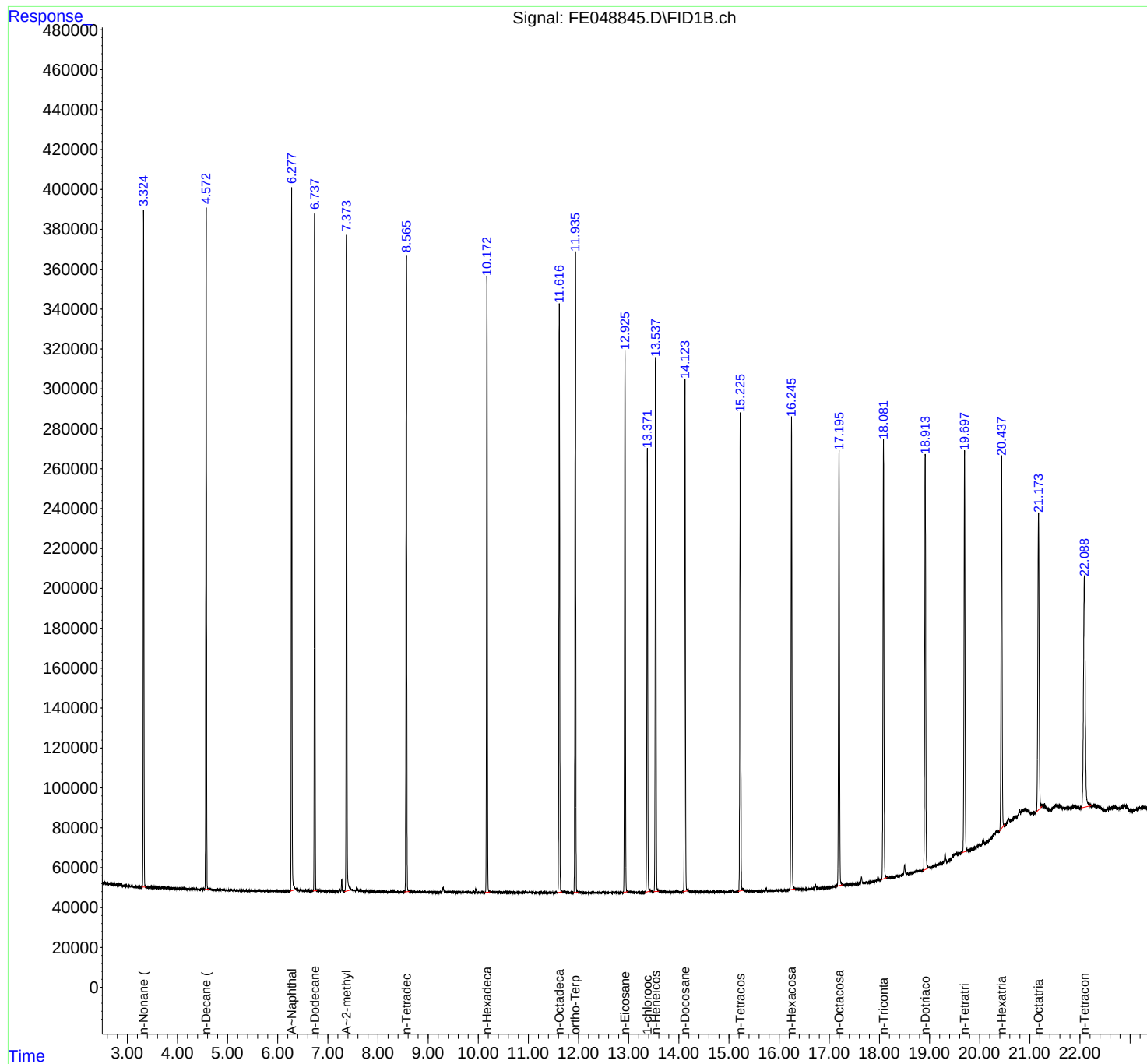
(m)=manual int.

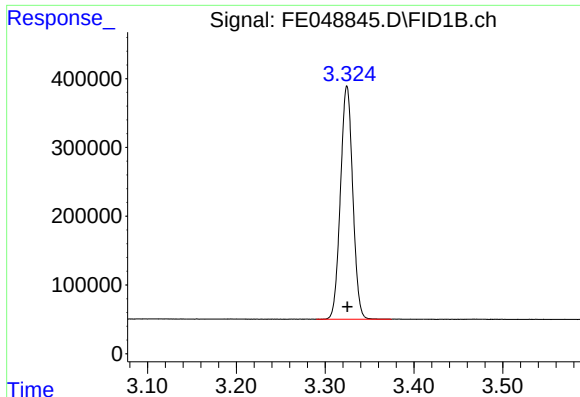
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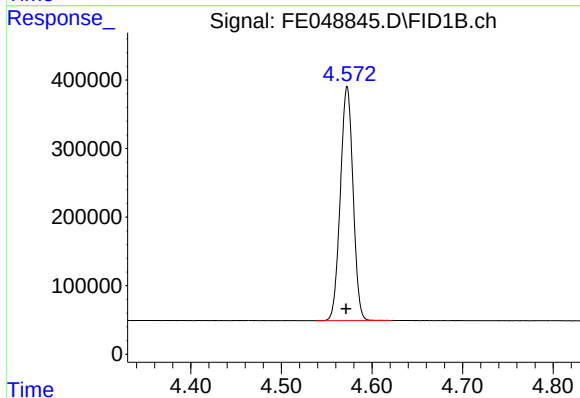




#1 n-Nonane (C9)

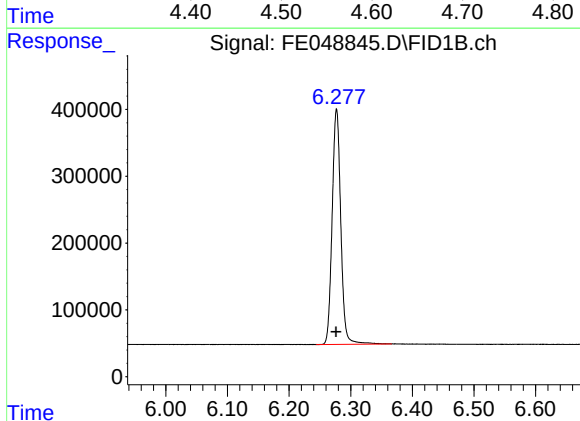
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 3258258
Conc: 21.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



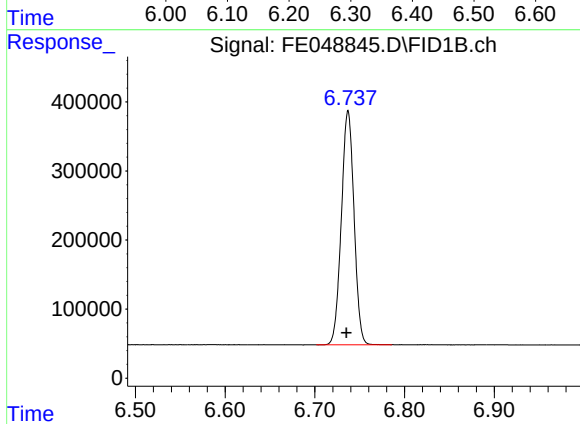
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.001 min
Response: 3327986
Conc: 21.63 ug/ml



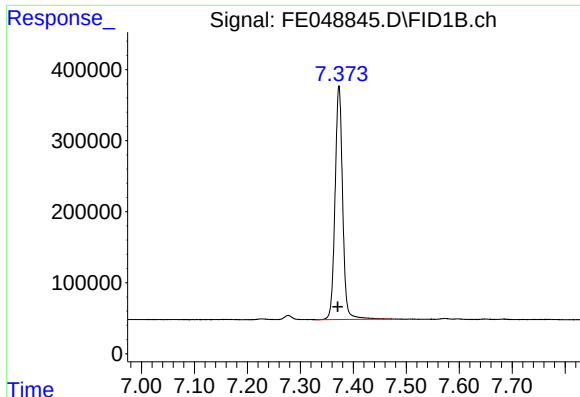
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.001 min
Response: 3428790
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

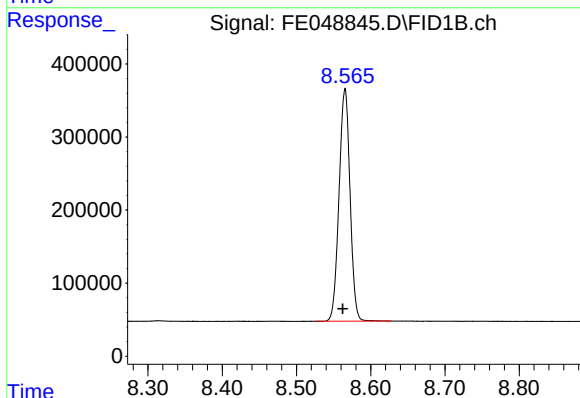
R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 3328964
Conc: 21.56 ug/ml



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

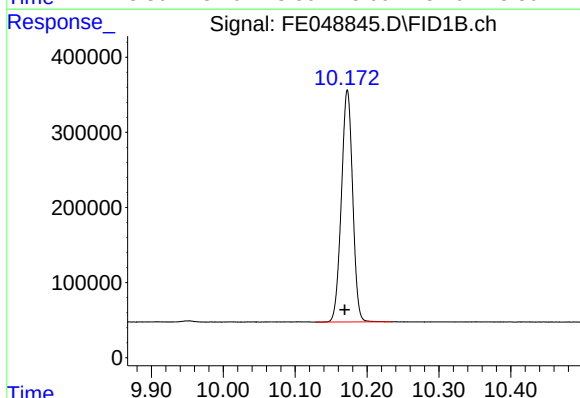
R.T.: 7.373 min
Delta R.T.: 0.003 min
Response: 3270782
Conc: 21.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



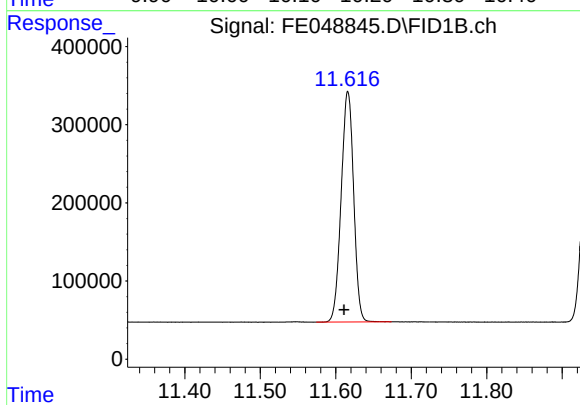
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: 0.003 min
Response: 3275351
Conc: 21.37 ug/ml



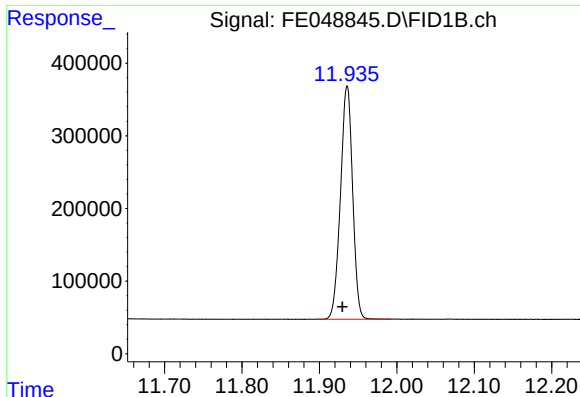
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.004 min
Response: 3361656
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

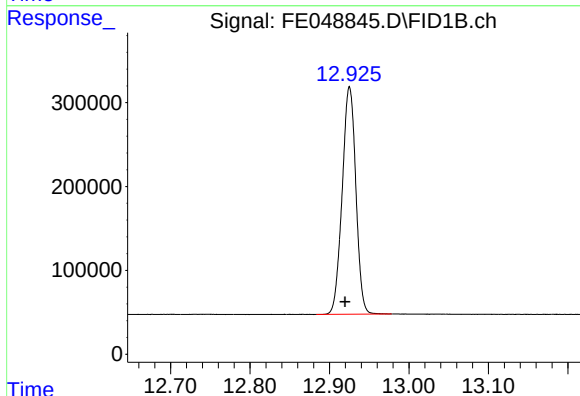
R.T.: 11.616 min
Delta R.T.: 0.005 min
Response: 3389266
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

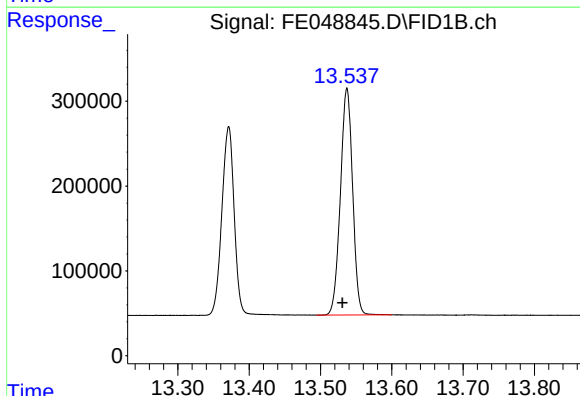
R.T.: 11.936 min
Delta R.T.: 0.006 min
Response: 3503201
Conc: 20.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



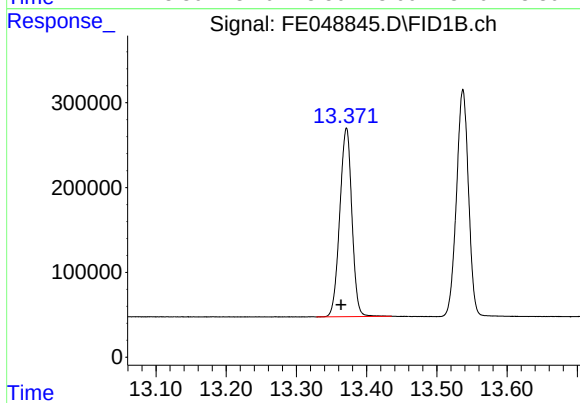
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.006 min
Response: 3244641
Conc: 20.93 ug/ml



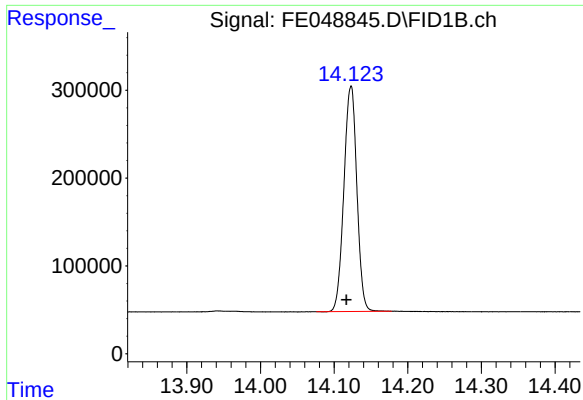
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.006 min
Response: 3182486
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

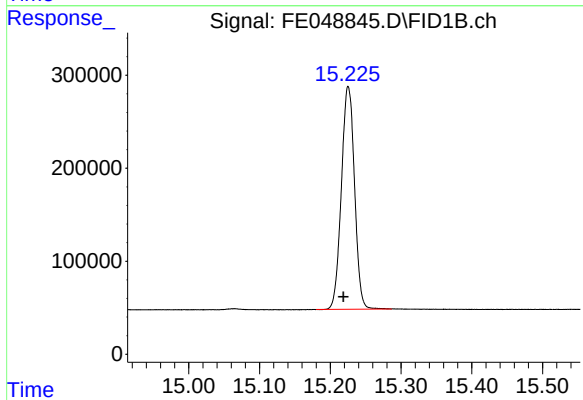
R.T.: 13.371 min
Delta R.T.: 0.008 min
Response: 2661328
Conc: 20.70 ug/ml



#13 n-Docosane (C22)

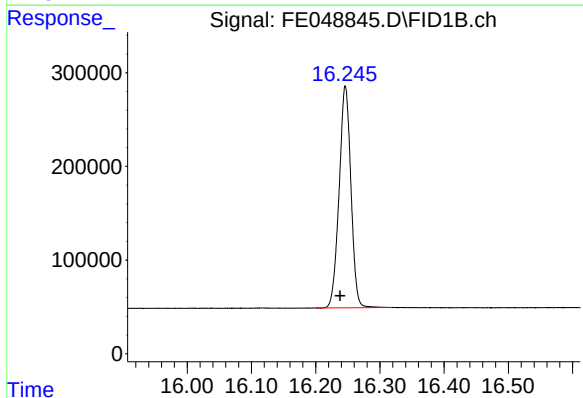
R.T.: 14.123 min
Delta R.T.: 0.006 min
Response: 3139048
Conc: 20.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



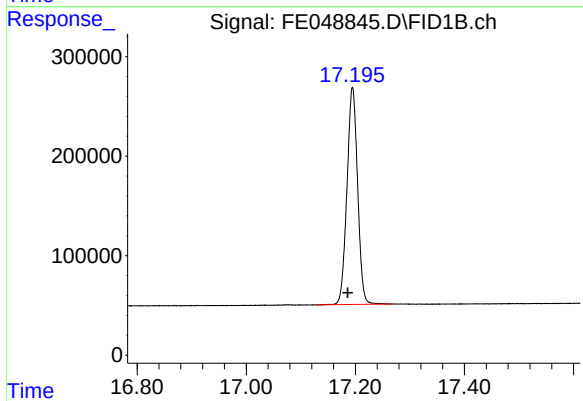
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: 0.007 min
Response: 3095696
Conc: 20.60 ug/ml



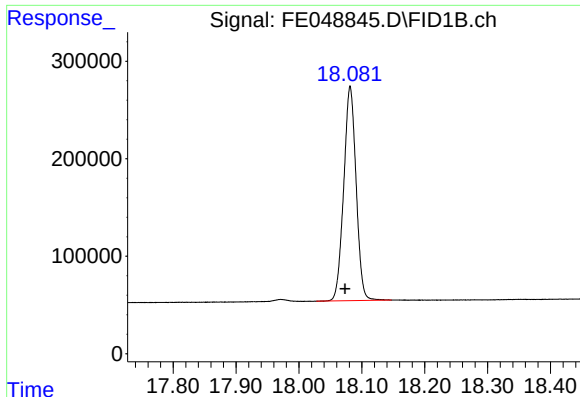
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.008 min
Response: 3024673
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

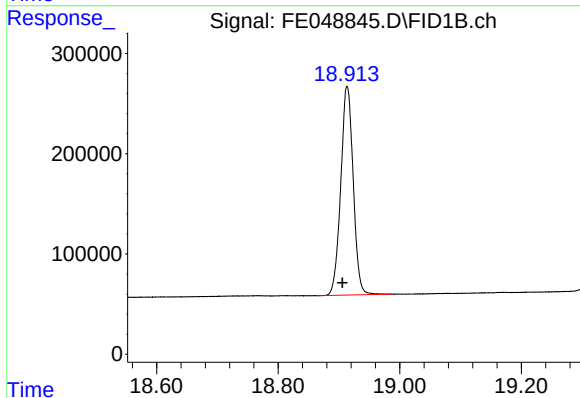
R.T.: 17.195 min
Delta R.T.: 0.009 min
Response: 2955504
Conc: 20.49 ug/ml



#17 n-Tricontane (C30)

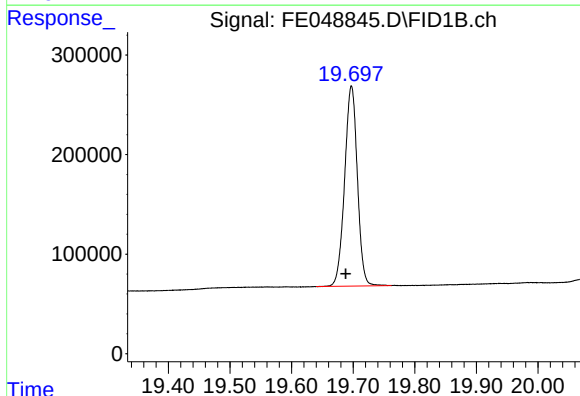
R.T.: 18.081 min
Delta R.T.: 0.008 min
Response: 3008121
Conc: 20.56 ug/ml

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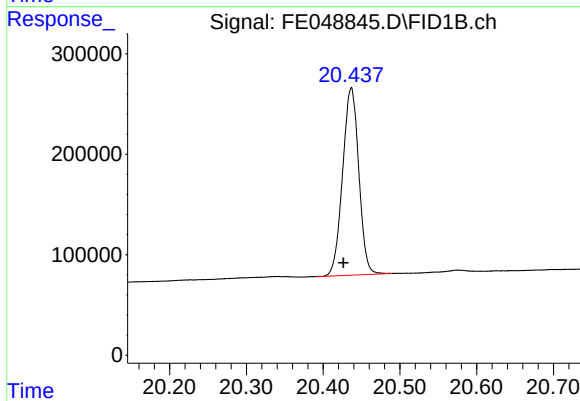
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: 0.008 min
Response: 2960613
Conc: 20.71 ug/ml



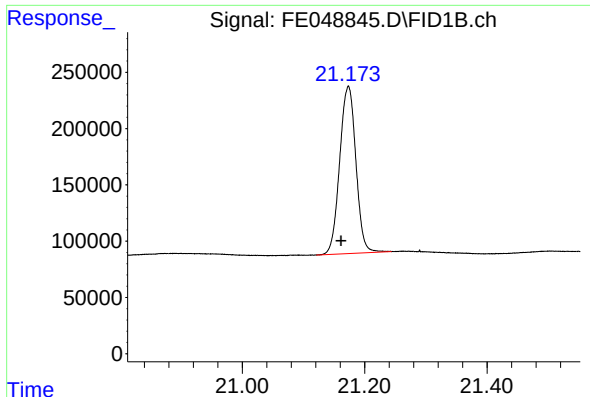
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.009 min
Response: 2884590
Conc: 20.85 ug/ml



#20 n-Hexatriacontane (C36)

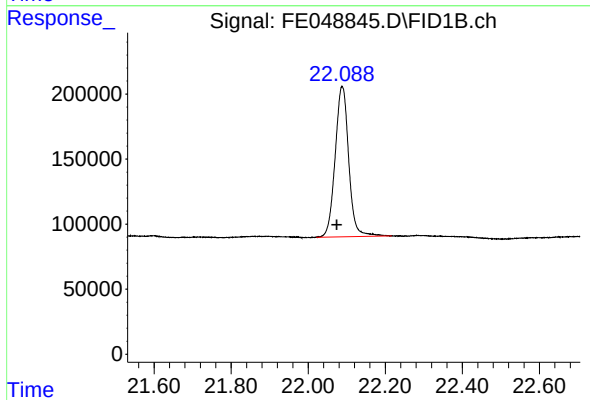
R.T.: 20.437 min
Delta R.T.: 0.010 min
Response: 2732823
Conc: 21.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: 0.012 min
Response: 2732365
Conc: 21.31 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: 0.014 min
Response: 2820111
Conc: 23.03 ug/ml