

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062424AL\
 Data File : FE048850.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2024 12:47
 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 01:36:08 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)	11.934	3221573	19.267 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.369	2458494	19.119 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.324	2994365	19.917 ug/ml
2) T n-Decane (C10)	4.572	3057133	19.866 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3140105	19.780 ug/ml
4) T n-Dodecane (C12)	6.737	3061857	19.834 ug/ml
5) T A~2-methylnaphthalene...	7.372	2995899	19.783 ug/ml
6) T n-Tetradecane (C14)	8.565	3031023	19.776 ug/ml
7) T n-Hexadecane (C16)	10.172	3095953	19.800 ug/ml
8) T n-Octadecane (C18)	11.614	3123710	19.586 ug/ml
10) T n-Eicosane (C20)	12.923	2993528	19.309 ug/ml
11) T n-Heneicosane (C21)	13.536	2928906	19.236 ug/ml
13) T n-Docosane (C22)	14.121	2893995	19.136 ug/ml
14) T n-Tetracosane (C24)	15.224	2855233	18.999 ug/ml
15) T n-Hexacosane (C26)	16.245	2795060	18.933 ug/ml
16) T n-Octacosane (C28)	17.192	2731472	18.940 ug/ml
17) T n-Tricontane (C30)	18.079	2795118	19.106 ug/ml
18) T n-Dotriacontane (C32)	18.912	2763314	19.327 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2705927	19.556 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2669486	20.540 ug/ml
21) T n-Octatriacontane (C38)	21.172	2486772	19.398 ug/ml
22) T n-Tetracontane (C40)	22.085	2590040	21.150 ug/ml

(f)=RT Delta > 1/2 Window

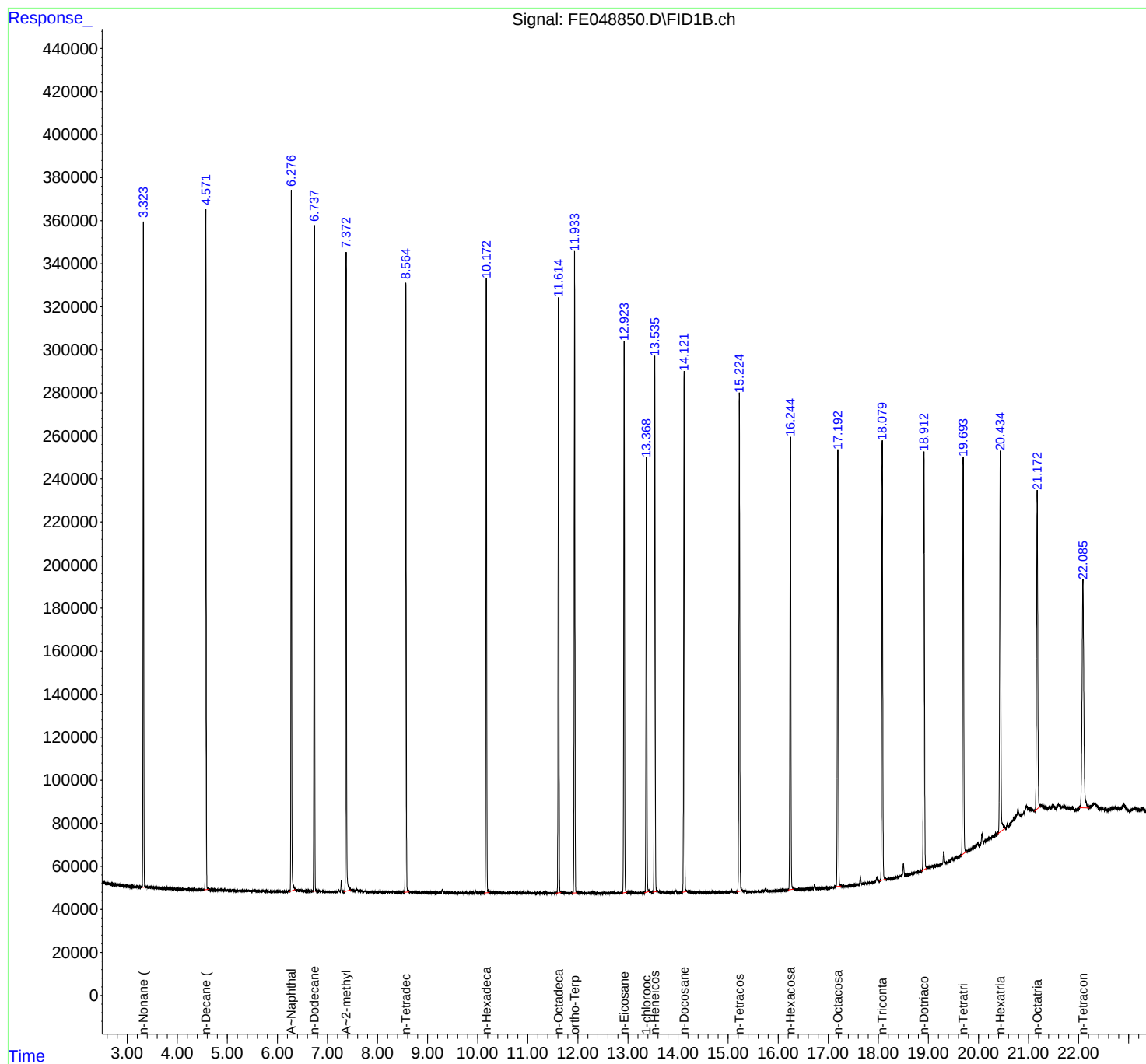
(m)=manual int.

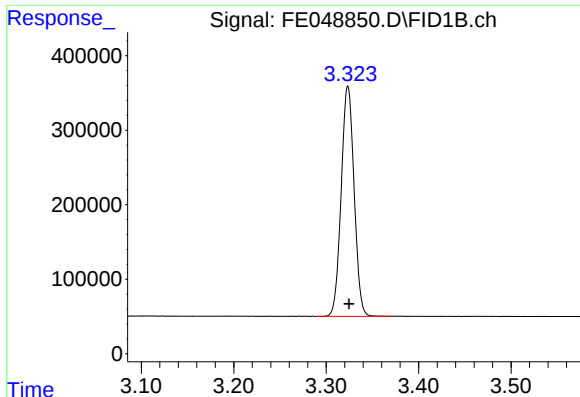
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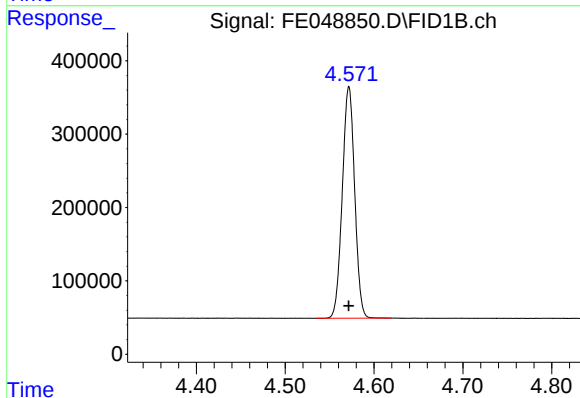




#1 n-Nonane (C9)

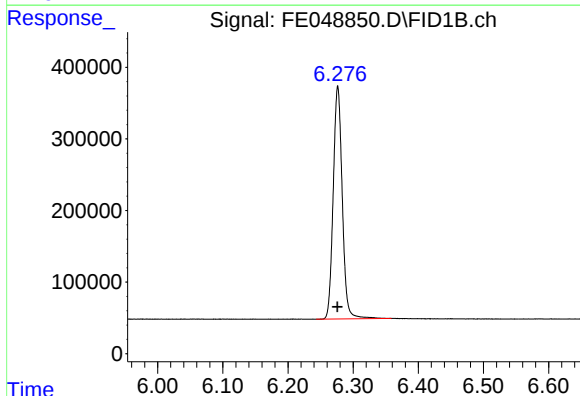
R.T.: 3.324 min
Delta R.T.: -0.001 min
Response: 2994365
Conc: 19.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



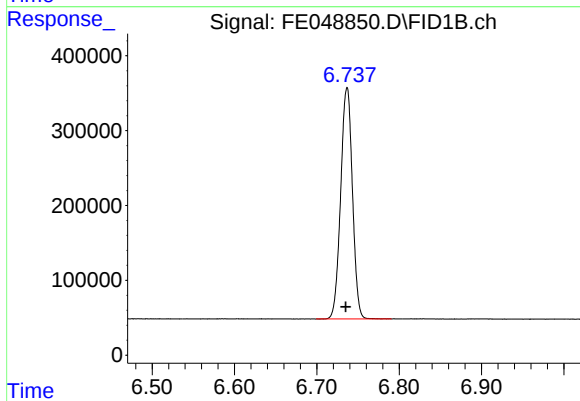
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 3057133
Conc: 19.87 ug/ml



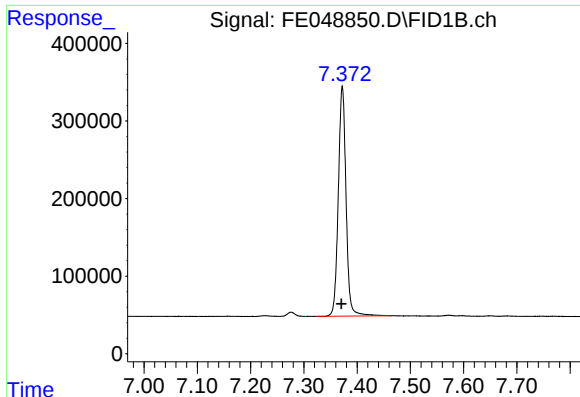
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3140105
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

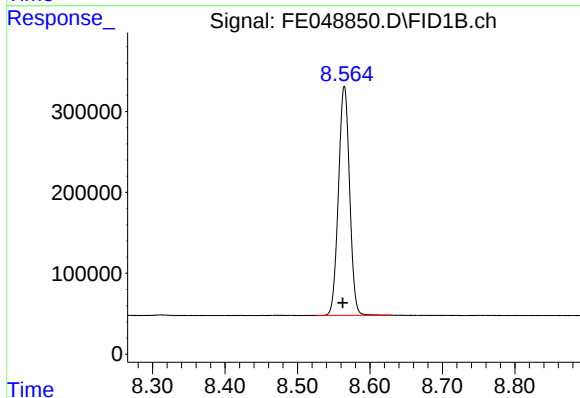
R.T.: 6.737 min
Delta R.T.: 0.002 min
Response: 3061857
Conc: 19.83 ug/ml



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

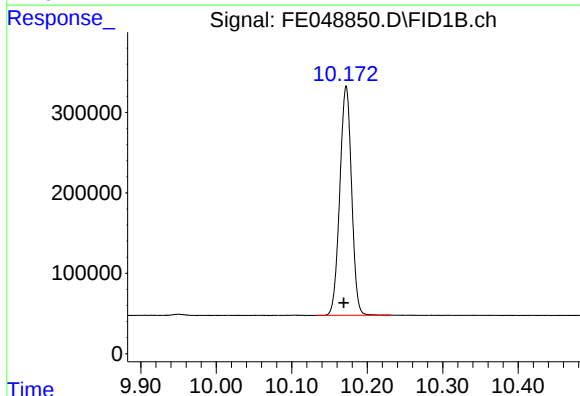
R.T.: 7.372 min
Delta R.T.: 0.002 min
Response: 2995899
Conc: 19.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



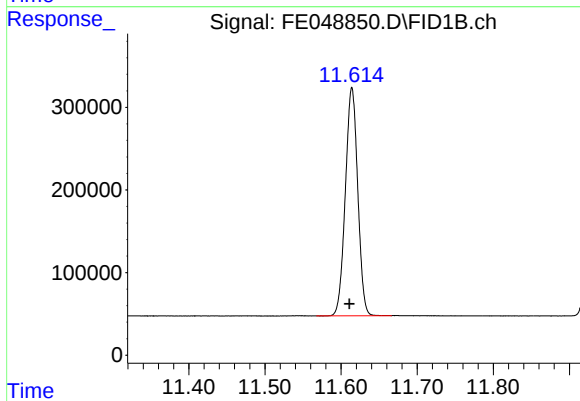
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.002 min
Response: 3031023
Conc: 19.78 ug/ml



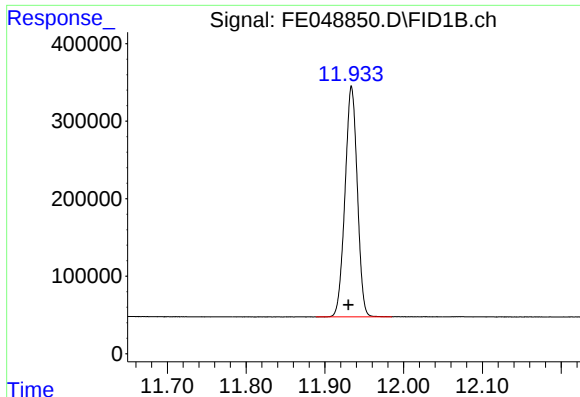
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.003 min
Response: 3095953
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

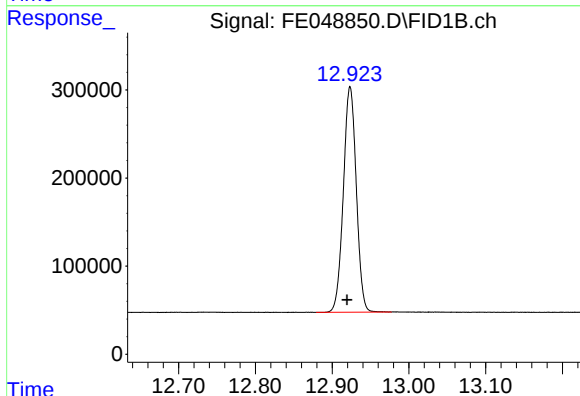
R.T.: 11.614 min
Delta R.T.: 0.003 min
Response: 3123710
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

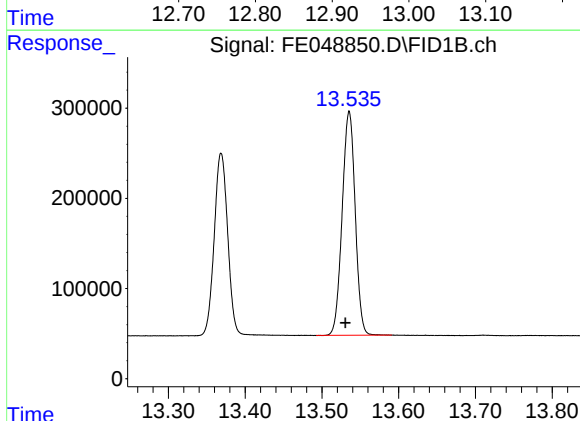
R.T.: 11.934 min
Delta R.T.: 0.004 min
Response: 3221573
Conc: 19.27 ug/ml

Instrument :
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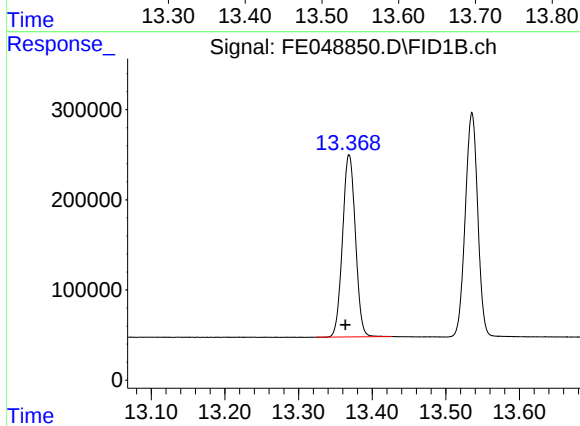
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.004 min
Response: 2993528
Conc: 19.31 ug/ml



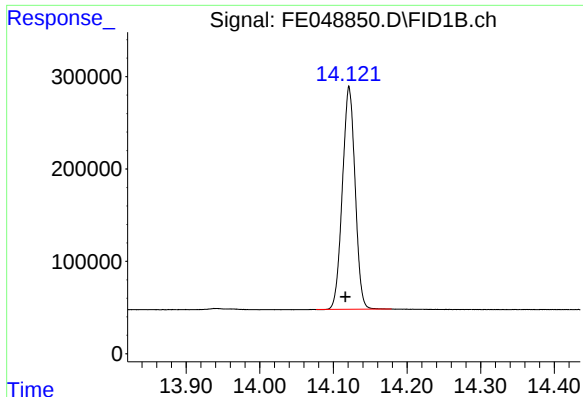
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.005 min
Response: 2928906
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

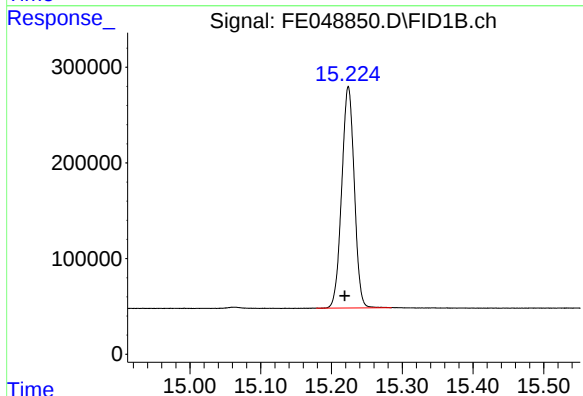
R.T.: 13.369 min
Delta R.T.: 0.005 min
Response: 2458494
Conc: 19.12 ug/ml



#13 n-Docosane (C22)

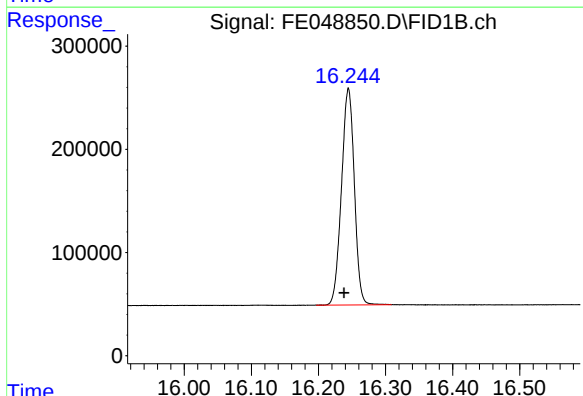
R.T.: 14.121 min
Delta R.T.: 0.005 min
Response: 2893995
Conc: 19.14 ug/ml

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20 PPM ALIPHATIC HC STD



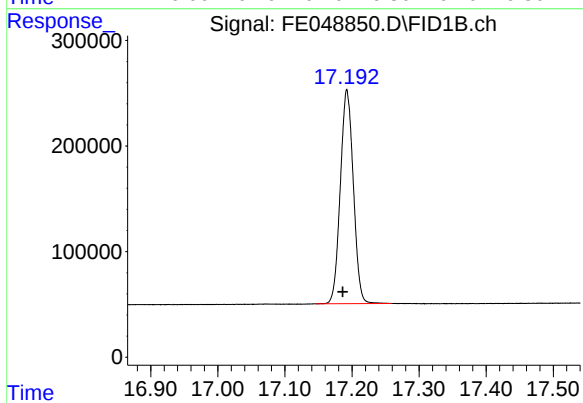
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.005 min
Response: 2855233
Conc: 19.00 ug/ml



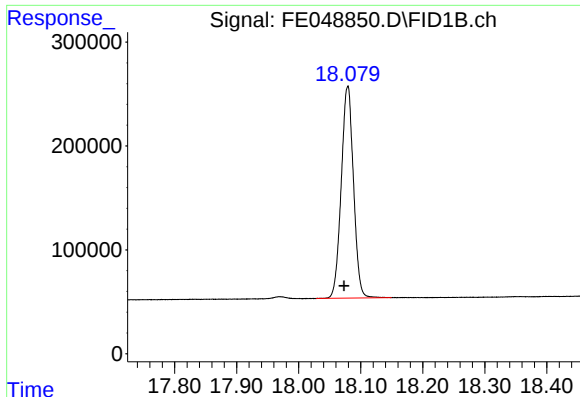
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.007 min
Response: 2795060
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

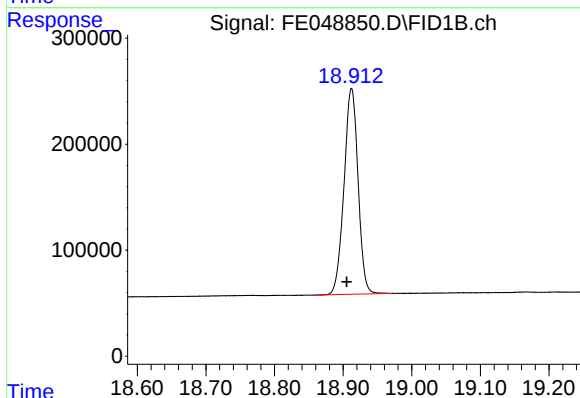
R.T.: 17.192 min
Delta R.T.: 0.006 min
Response: 2731472
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

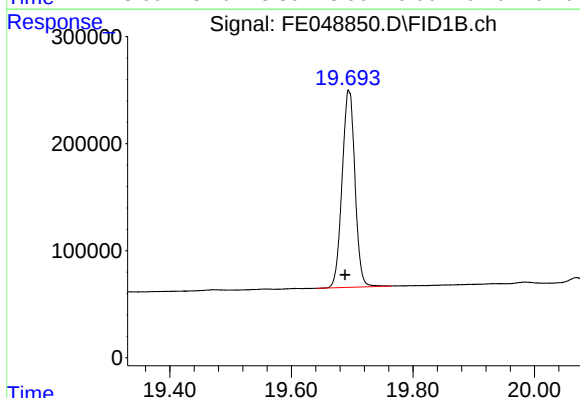
R.T.: 18.079 min
Delta R.T.: 0.006 min
Response: 2795118
Conc: 19.11 ug/ml

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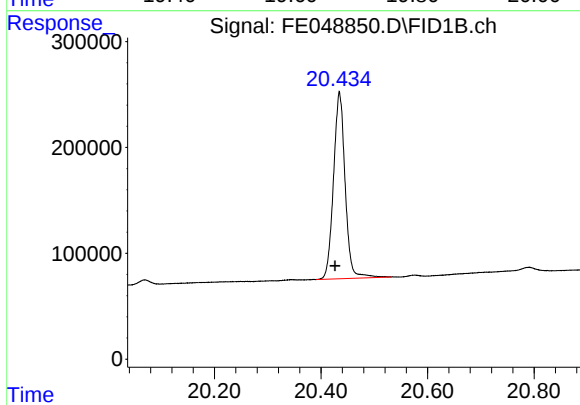
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.007 min
Response: 2763314
Conc: 19.33 ug/ml



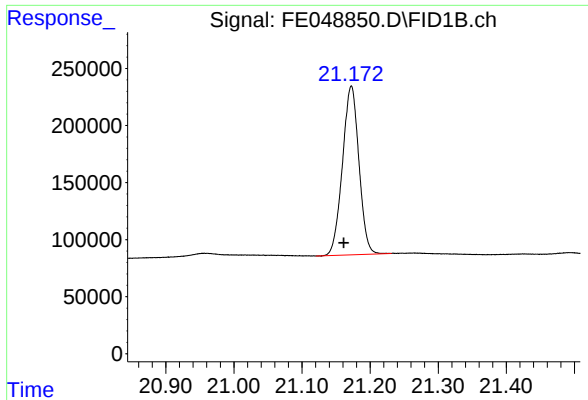
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.006 min
Response: 2705927
Conc: 19.56 ug/ml



#20 n-Hexatriacontane (C36)

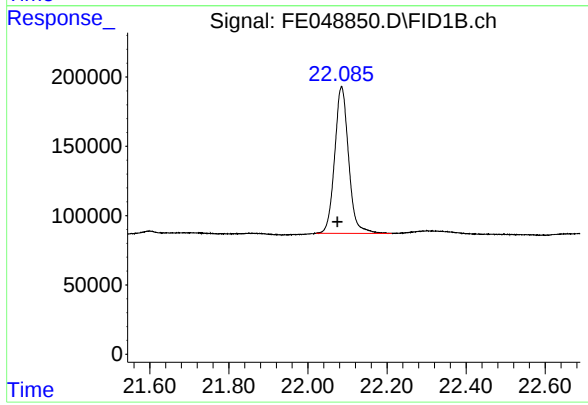
R.T.: 20.435 min
Delta R.T.: 0.008 min
Response: 2669486
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.011 min
Response: 2486772
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: 0.011 min
Response: 2590040
Conc: 21.15 ug/ml