

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120623AL\
 Data File : FE045679.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2023 14:13
 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: Dec 07 00:11:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.859	3982766	19.046 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	13.303	2917592	18.543 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.245	3317533	20.921 ug/ml
2) T n-Decane (C10)	4.496	3393211	21.190 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3683997	21.149 ug/ml
4) T n-Dodecane (C12)	6.664	3428945	21.228 ug/ml
5) T A~2-methylnaphthalene...	7.293	3581366	21.089 ug/ml
6) T n-Tetradecane (C14)	8.491	3377272	21.052 ug/ml
7) T n-Hexadecane (C16)	10.101	3408109	20.581 ug/ml
8) T n-Octadecane (C18)	11.546	3394803	19.801 ug/ml
10) T n-Eicosane (C20)	12.857	3258326	18.832 ug/ml
11) T n-Heneicosane (C21)	13.471	3183081	18.503 ug/ml
13) T n-Docosane (C22)	14.057	3132604	18.168 ug/ml
14) T n-Tetracosane (C24)	15.163	3031448	17.364 ug/ml
15) T n-Hexacosane (C26)	16.186	2948273	16.929 ug/ml
16) T n-Octacosane (C28)	17.138	2887869	16.709 ug/ml
17) T n-Tricontane (C30)	18.028	2938453	16.796 ug/ml
18) T n-Dotriacontane (C32)	18.862	2964824	16.251 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2852546	17.191 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2847288	17.937 ug/ml
21) T n-Octatriacontane (C38)	21.125	2849335	18.170 ug/ml
22) T n-Tetracontane (C40)	22.031	2946908	20.736 ug/ml

(f)=RT Delta > 1/2 Window

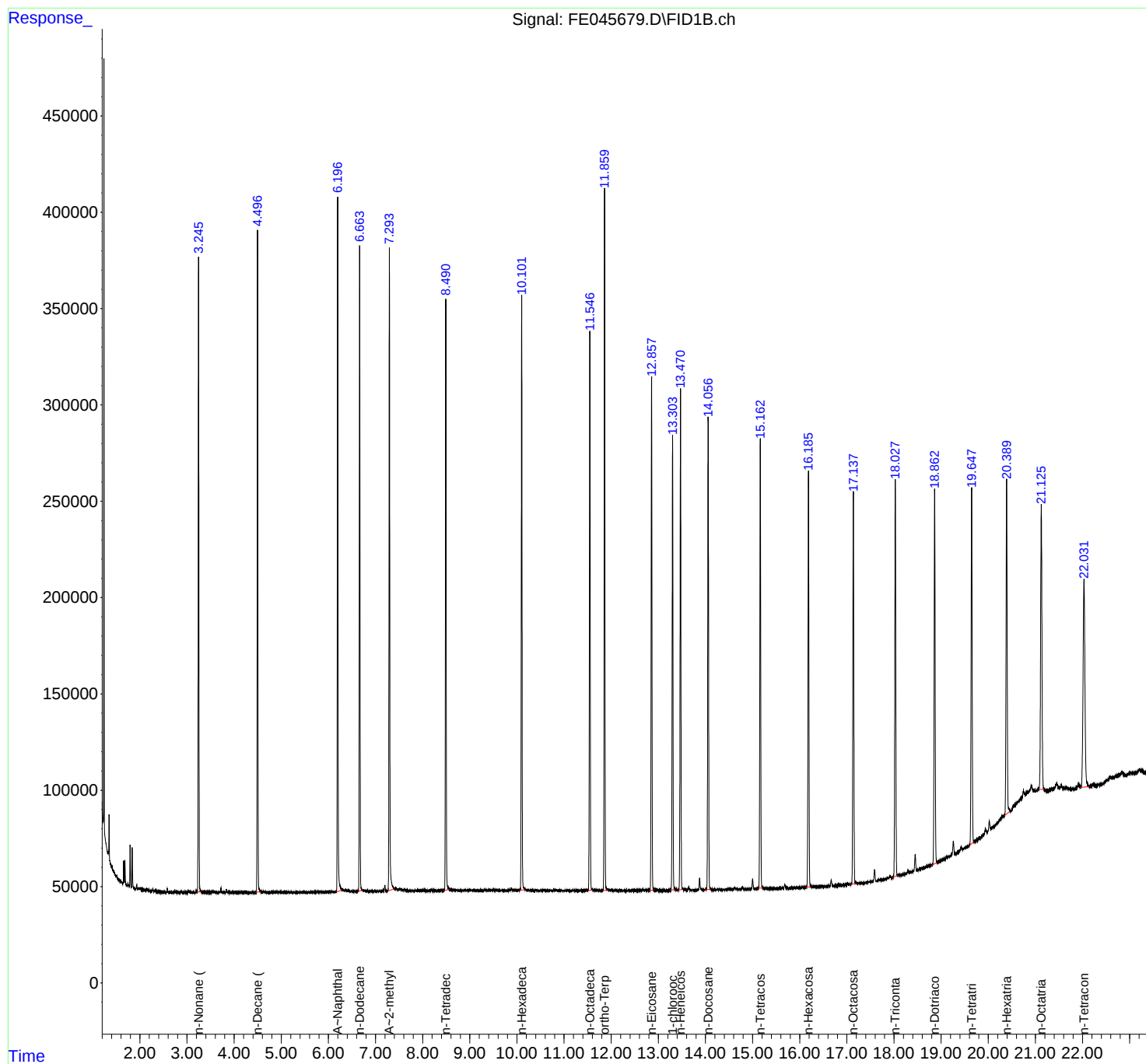
(m)=manual int.

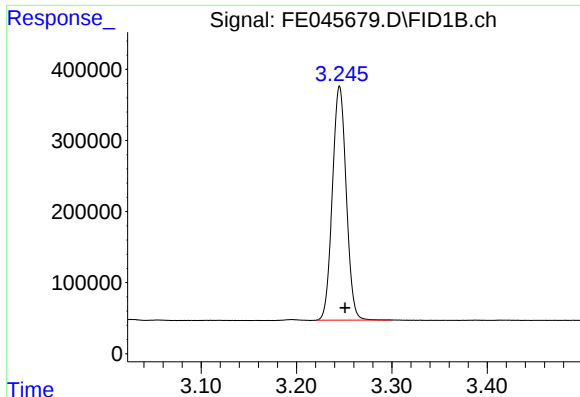
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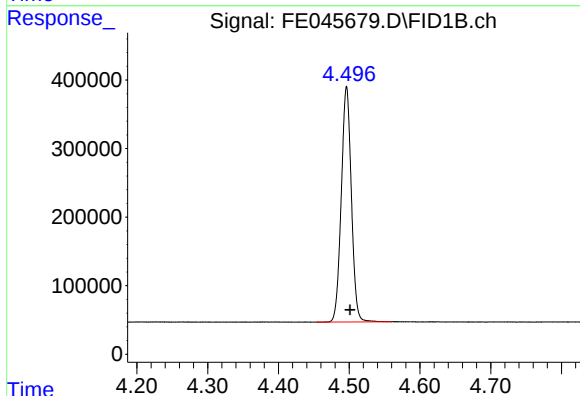




#1 n-Nonane (C9)

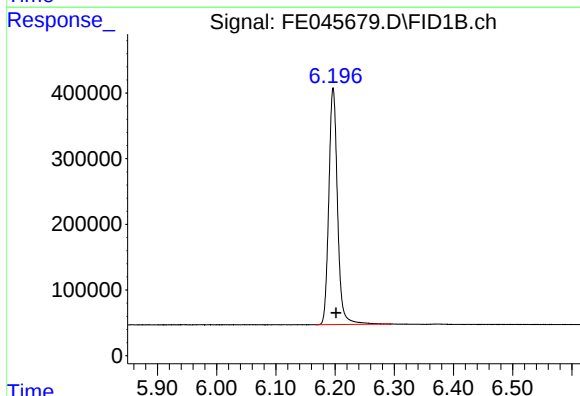
R.T.: 3.245 min
Delta R.T.: -0.006 min
Response: 3317533
Conc: 20.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



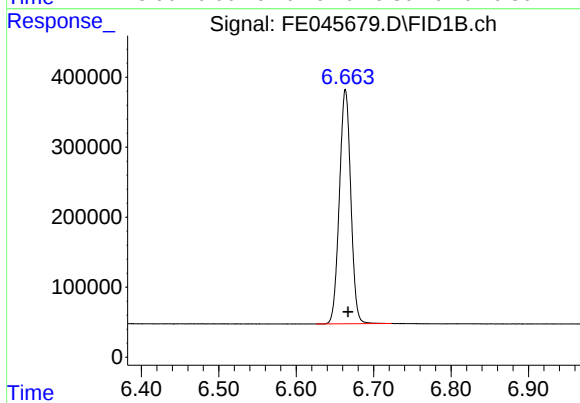
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.005 min
Response: 3393211
Conc: 21.19 ug/ml



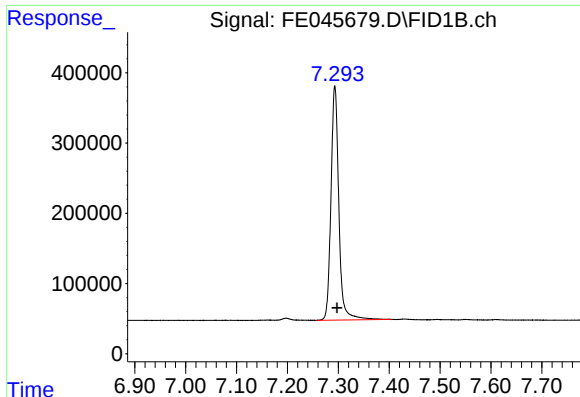
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.005 min
Response: 3683997
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

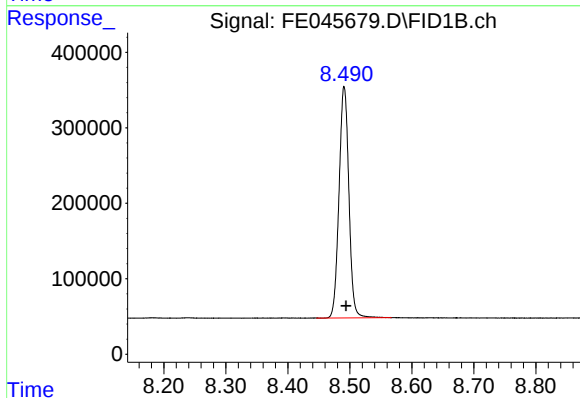
R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 3428945
Conc: 21.23 ug/ml



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

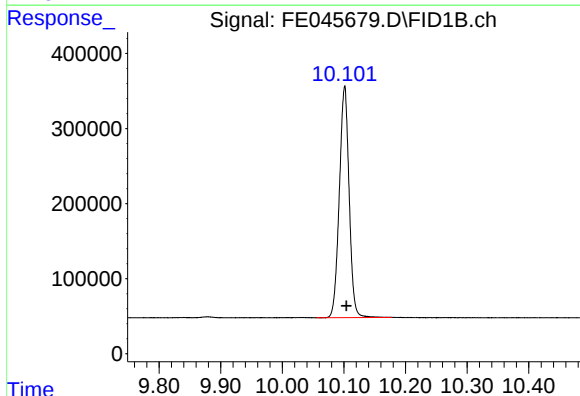
R.T.: 7.293 min
Delta R.T.: -0.004 min
Response: 3581366
Conc: 21.09 ug/ml

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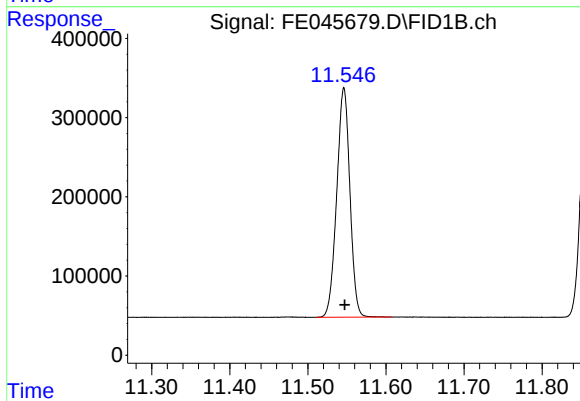
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 3377272
Conc: 21.05 ug/ml



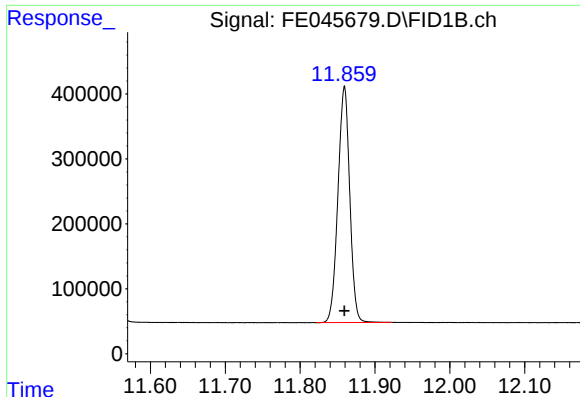
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.003 min
Response: 3408109
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

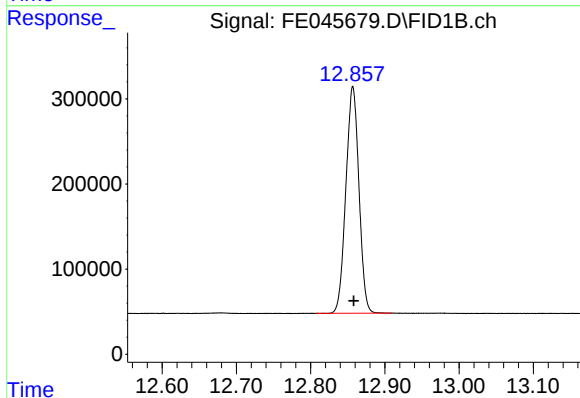
R.T.: 11.546 min
Delta R.T.: -0.001 min
Response: 3394803
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

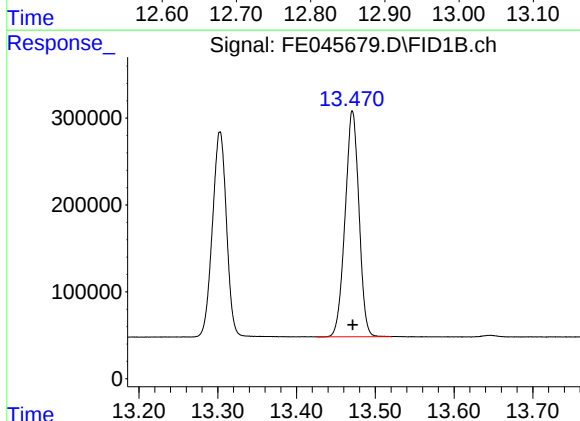
R.T.: 11.859 min
Delta R.T.: 0.000 min
Response: 3982766
Conc: 19.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



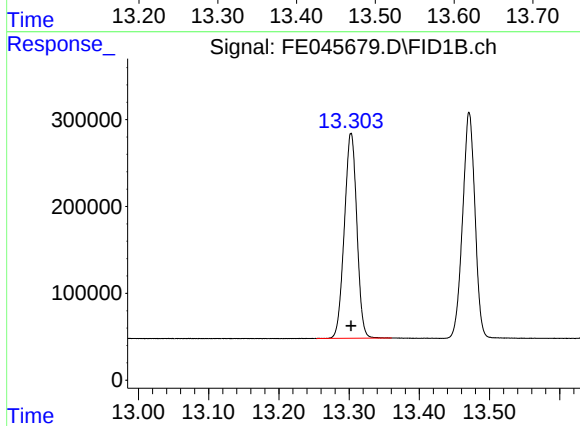
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: -0.001 min
Response: 3258326
Conc: 18.83 ug/ml



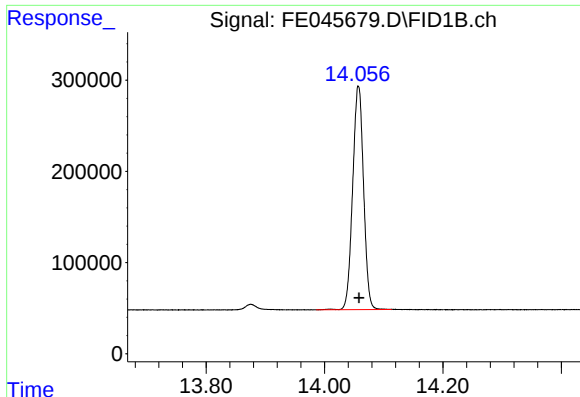
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: 0.000 min
Response: 3183081
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

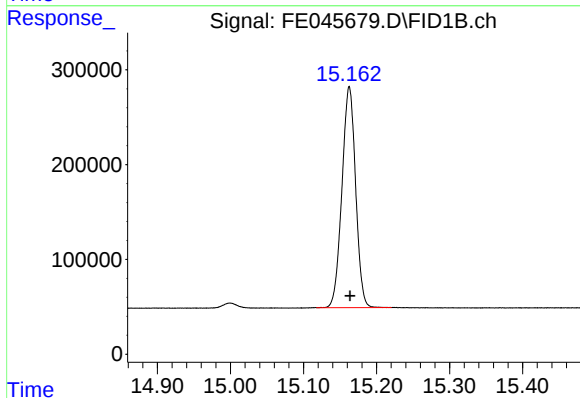
R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2917592
Conc: 18.54 ug/ml



#13 n-Docosane (C22)

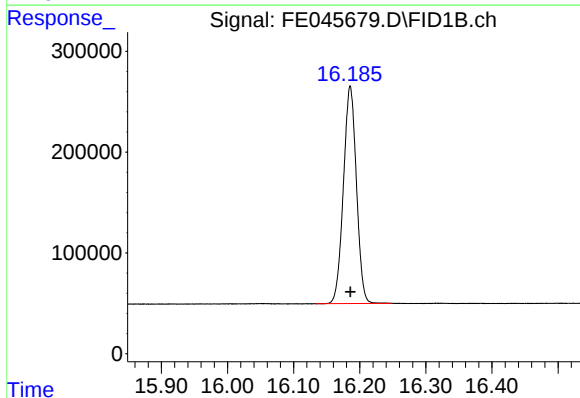
R.T.: 14.057 min
Delta R.T.: 0.000 min
Response: 3132604
Conc: 18.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



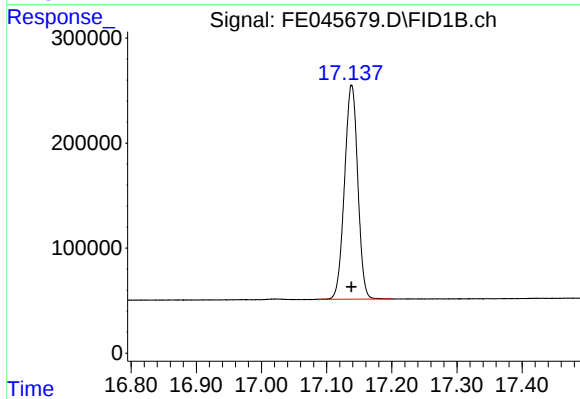
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.001 min
Response: 3031448
Conc: 17.36 ug/ml



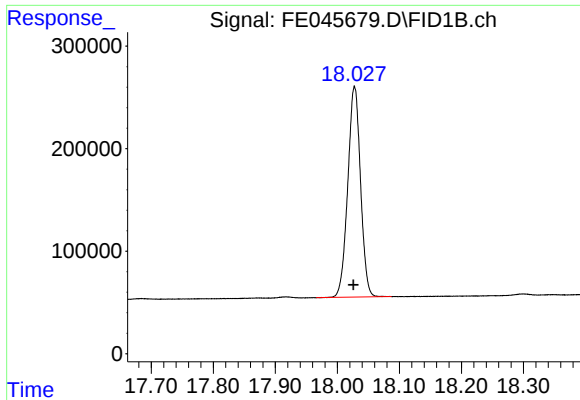
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 2948273
Conc: 16.93 ug/ml



#16 n-Octacosane (C28)

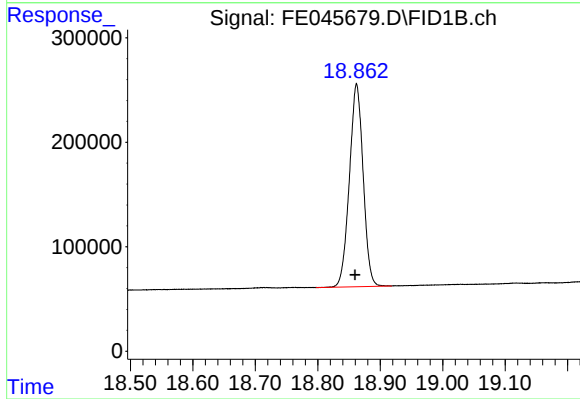
R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 2887869
Conc: 16.71 ug/ml



#17 n-Tricontane (C30)

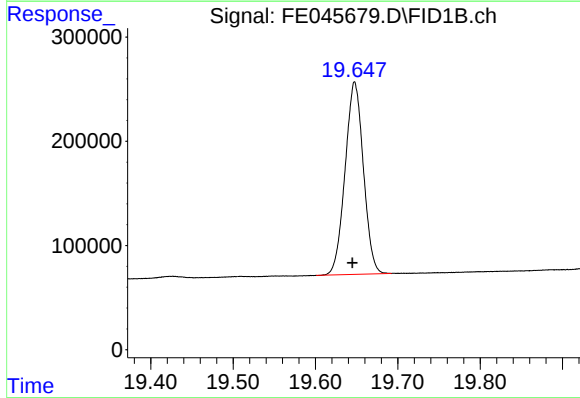
R.T.: 18.028 min
Delta R.T.: 0.002 min
Response: 2938453
Conc: 16.80 ug/ml

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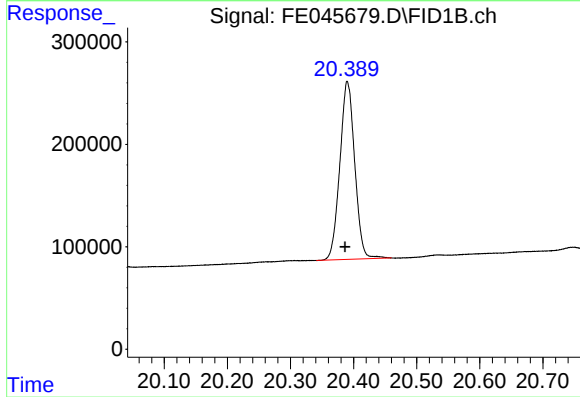
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.002 min
Response: 2964824
Conc: 16.25 ug/ml



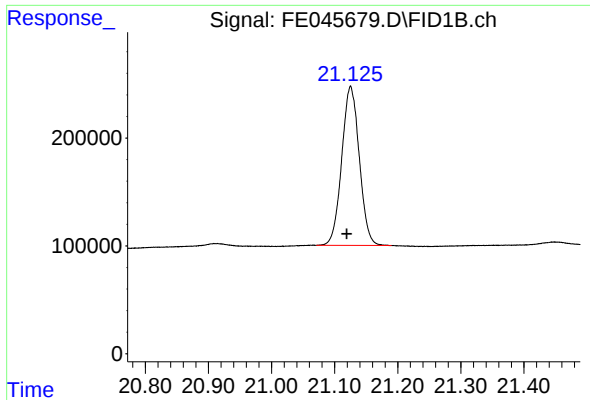
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: 0.003 min
Response: 2852546
Conc: 17.19 ug/ml



#20 n-Hexatriacontane (C36)

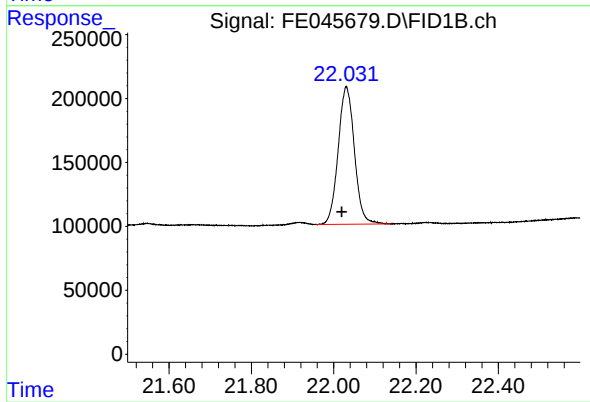
R.T.: 20.390 min
Delta R.T.: 0.004 min
Response: 2847288
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.006 min
Response: 2849335
Conc: 18.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: 0.011 min
Response: 2946908
Conc: 20.74 ug/ml