

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057329.D
 Signal(s) : FID1B.ch
 Acq On : 12 Dec 2025 01:08
 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 12 01:41:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 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)	11.928	4595499	20.942 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
12) S 1-chlorooctadecane (S...	13.365	3474120	20.875 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.287	3904149	19.959 ug/ml
2) T n-Decane (C10)	4.540	4187141	20.702 ug/ml
3) T A~Naphthalene (C11.7)	6.259	4195918	20.841 ug/ml
4) T n-Dodecane (C12)	6.713	4295487	21.046 ug/ml
5) T A~2-methylnaphthalene...	7.359	3934638	20.477 ug/ml
6) T n-Tetradecane (C14)	8.546	4210876	20.921 ug/ml
7) T n-Hexadecane (C16)	10.158	4292365	20.931 ug/ml
8) T n-Octadecane (C18)	11.604	4324052	20.979 ug/ml
10) T n-Eicosane (C20)	12.917	4103800	20.862 ug/ml
11) T n-Heneicosane (C21)	13.530	3996067	20.799 ug/ml
13) T n-Docosane (C22)	14.118	3963643	20.533 ug/ml
14) T n-Tetracosane (C24)	15.224	3933935	19.863 ug/ml
15) T n-Hexacosane (C26)	16.247	3879066	19.553 ug/ml
16) T n-Octacosane (C28)	17.200	3939448	19.170 ug/ml
17) T n-Tricontane (C30)	18.089	4245881	18.919 ug/ml
18) T n-Dotriacontane (C32)	18.923	4345260	18.614 ug/ml
19) T n-Tetratriacontane (C34)	19.709	4079963	19.102 ug/ml
20) T n-Hexatriacontane (C36)	20.451	3645348	19.585 ug/ml
21) T n-Octatriacontane (C38)	21.195	3439335	19.845 ug/ml
22) T n-Tetracontane (C40)	22.121	3359681	19.937 ug/ml

(f)=RT Delta > 1/2 Window

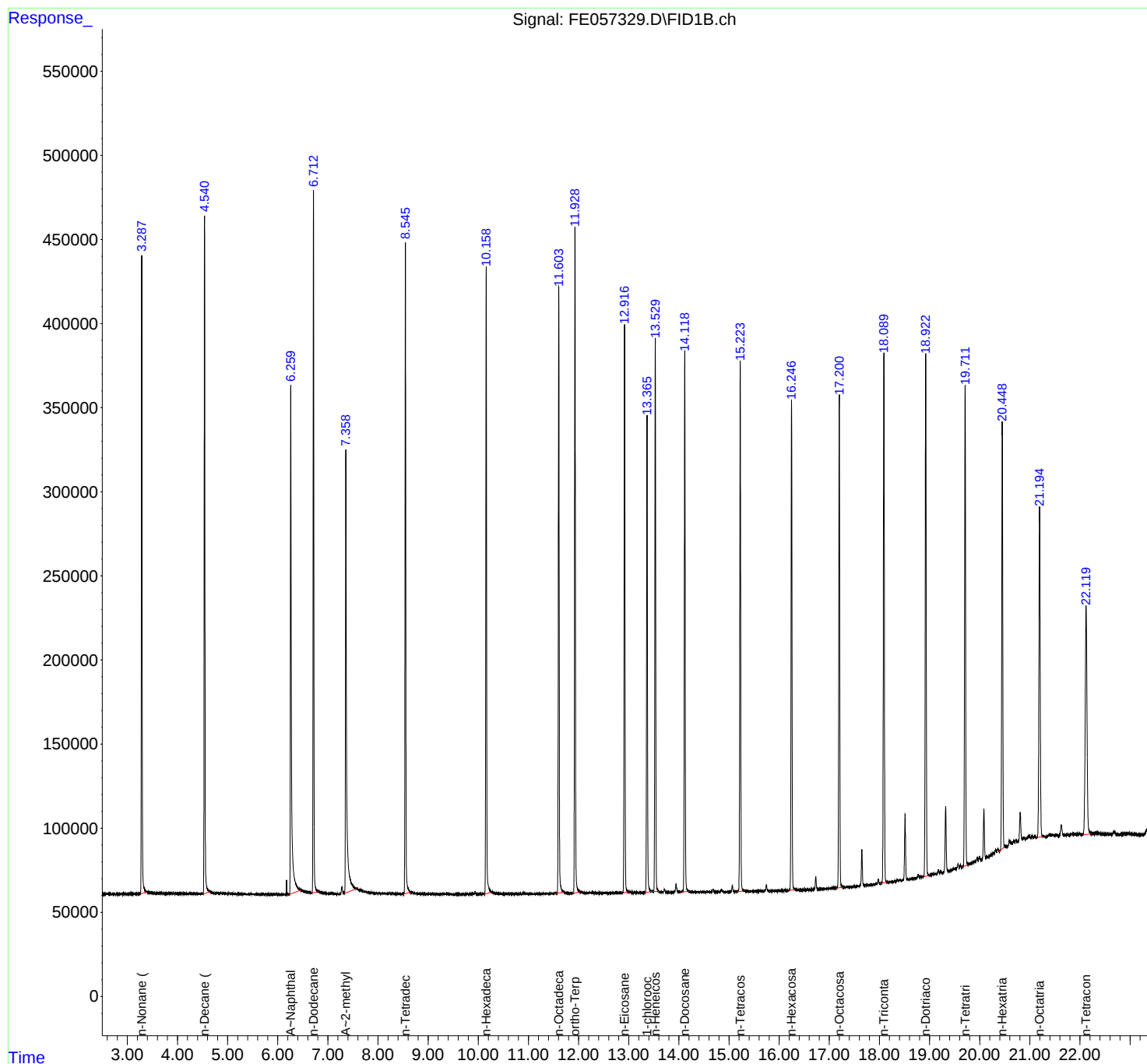
(m)=manual int.

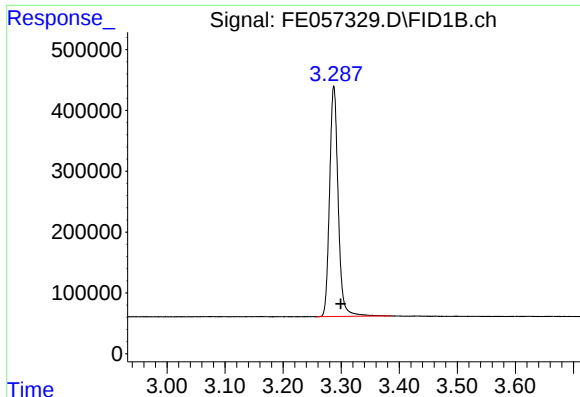
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Signal Info : 20M x 0.18mm x 0.18um

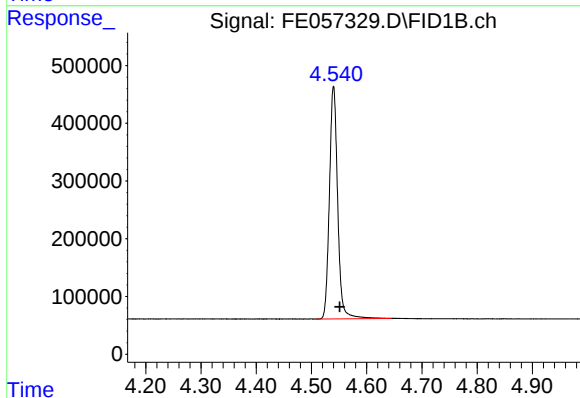




#1 n-Nonane (C9)

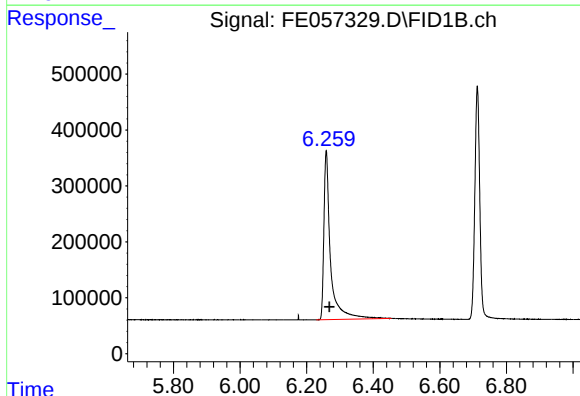
R.T.: 3.287 min
Delta R.T.: -0.012 min
Response: 3904149
Conc: 19.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



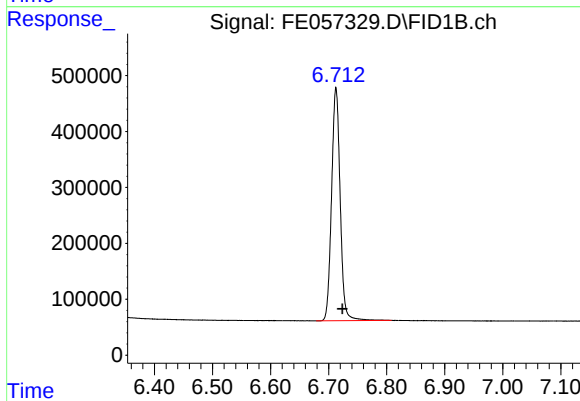
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.011 min
Response: 4187141
Conc: 20.70 ug/ml



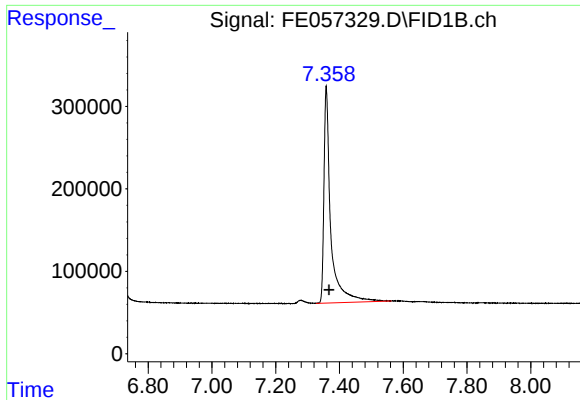
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 4195918
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

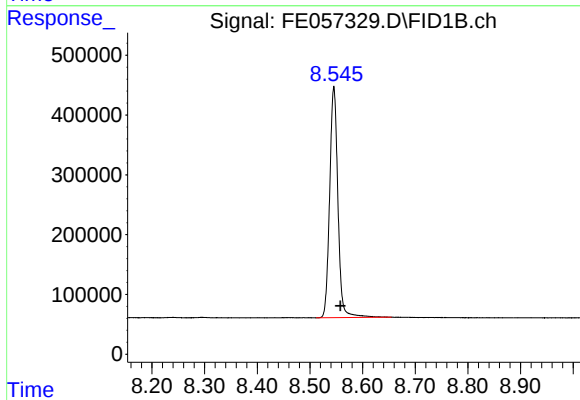
R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 4295487
Conc: 21.05 ug/ml



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

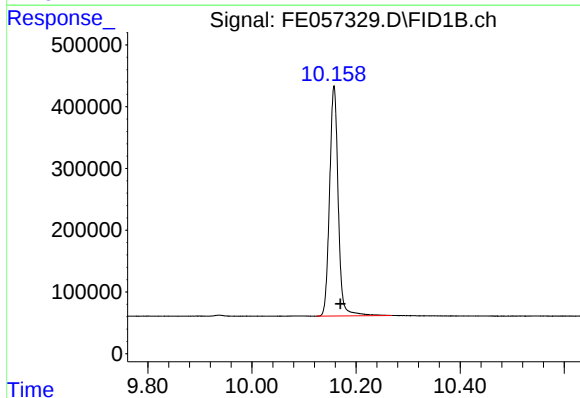
R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 3934638
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



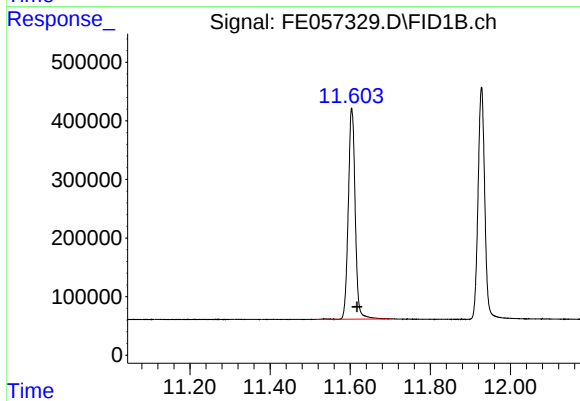
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: -0.012 min
Response: 4210876
Conc: 20.92 ug/ml



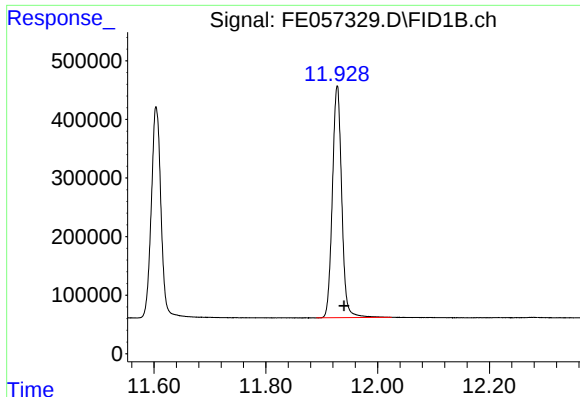
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 4292365
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

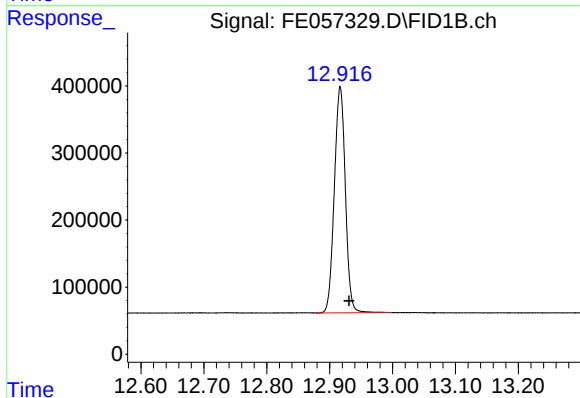
R.T.: 11.604 min
Delta R.T.: -0.013 min
Response: 4324052
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

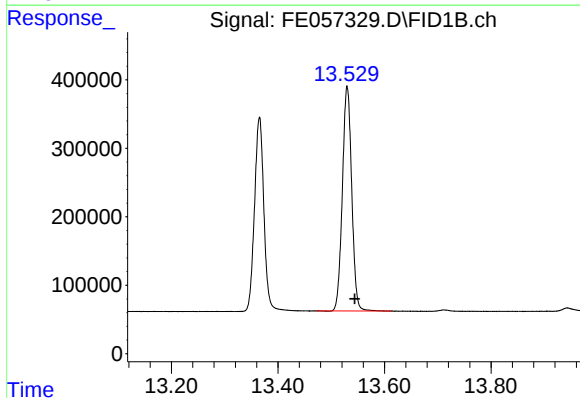
R.T.: 11.928 min
Delta R.T.: -0.012 min
Response: 4595499
Conc: 20.94 ug/ml

Instrument :
FID_E
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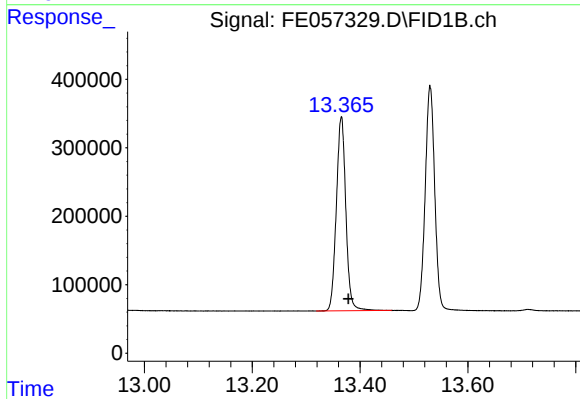
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.014 min
Response: 4103800
Conc: 20.86 ug/ml



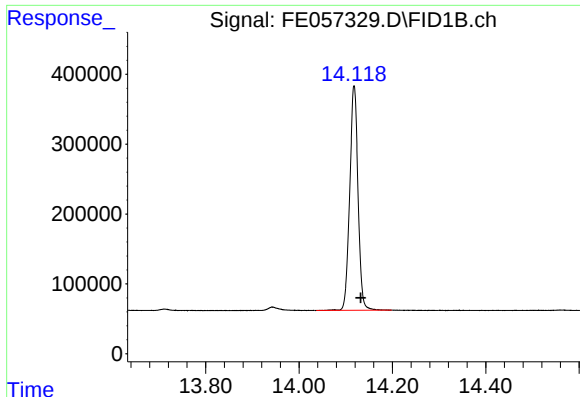
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.014 min
Response: 3996067
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

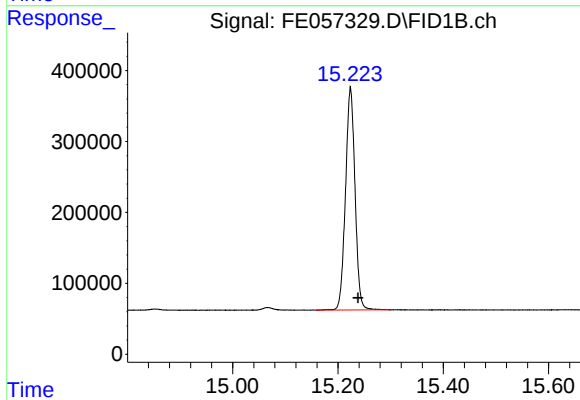
R.T.: 13.365 min
Delta R.T.: -0.013 min
Response: 3474120
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

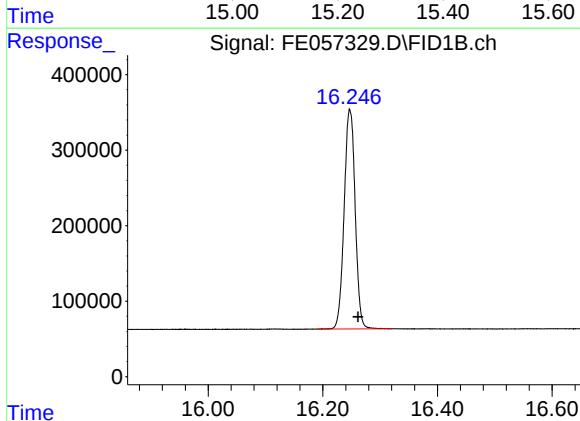
R.T.: 14.118 min
Delta R.T.: -0.014 min
Response: 3963643
Conc: 20.53 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



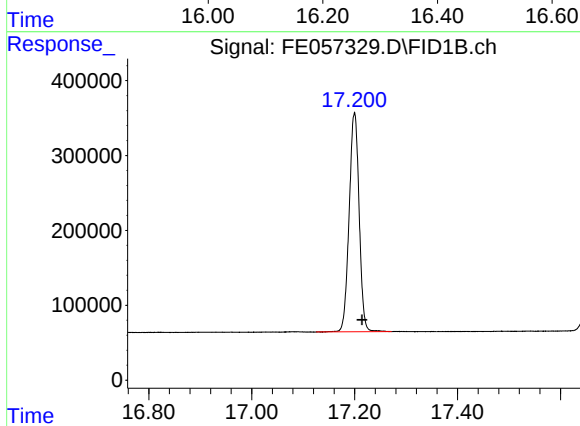
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.015 min
Response: 3933935
Conc: 19.86 ug/ml



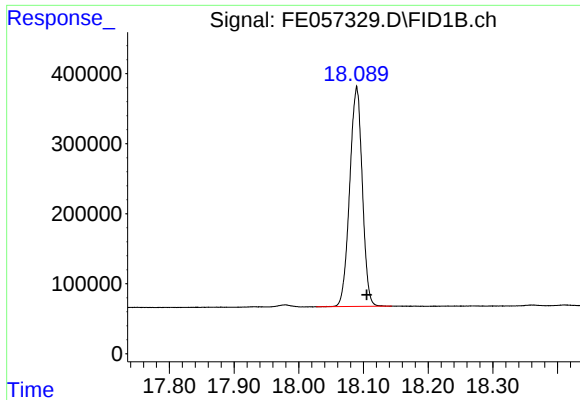
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.014 min
Response: 3879066
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

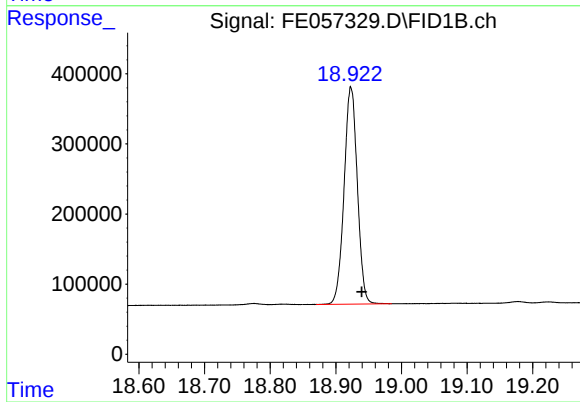
R.T.: 17.200 min
Delta R.T.: -0.015 min
Response: 3939448
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

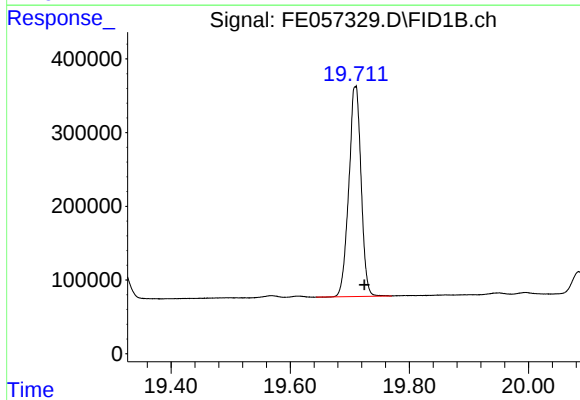
R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 4245881
Conc: 18.92 ug/ml

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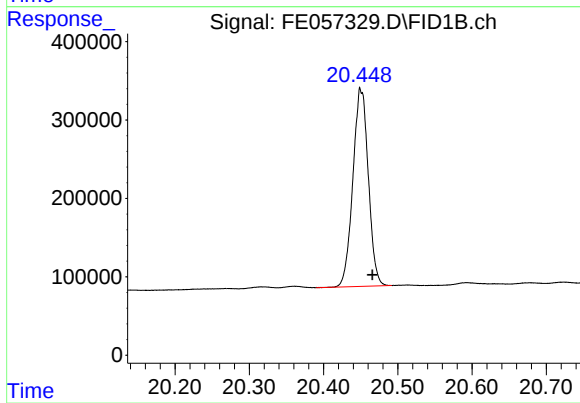
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.016 min
Response: 4345260
Conc: 18.61 ug/ml



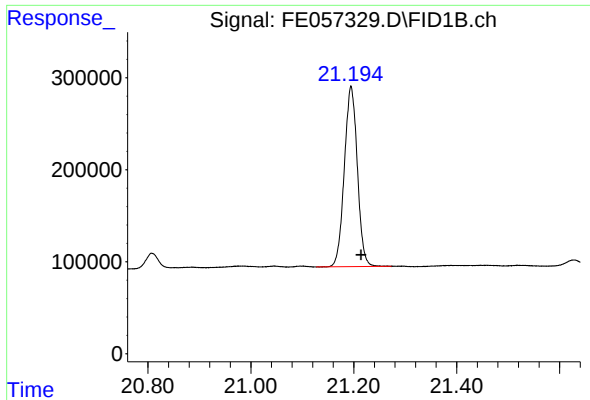
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.015 min
Response: 4079963
Conc: 19.10 ug/ml



#20 n-Hexatriacontane (C36)

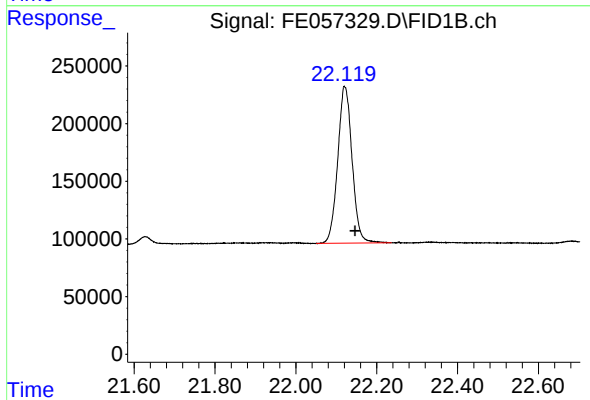
R.T.: 20.451 min
Delta R.T.: -0.015 min
Response: 3645348
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.019 min
Response: 3439335
Conc: 19.85 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.026 min
Response: 3359681
Conc: 19.94 ug/ml