

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057237.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 09:23
 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 10 00:14:37 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)	11.933	4402909	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	13.370	3329911	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.293	3941546	20.150 ug/ml
2) T n-Decane (C10)	4.546	4081338	20.179 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4049805	20.115 ug/ml
4) T n-Dodecane (C12)	6.718	4145940	20.314 ug/ml
5) T A~2-methylnaphthalene...	7.363	3776066	19.652 ug/ml
6) T n-Tetradecane (C14)	8.551	4074268	20.242 ug/ml
7) T n-Hexadecane (C16)	10.163	4137666	20.176 ug/ml
8) T n-Octadecane (C18)	11.610	4156767	20.167 ug/ml
10) T n-Eicosane (C20)	12.923	3925588	19.956 ug/ml
11) T n-Heneicosane (C21)	13.536	3834819	19.960 ug/ml
13) T n-Docosane (C22)	14.123	3790581	19.636 ug/ml
14) T n-Tetracosane (C24)	15.229	3753364	18.951 ug/ml
15) T n-Hexacosane (C26)	16.253	3688962	18.594 ug/ml
16) T n-Octacosane (C28)	17.204	3700091	18.005 ug/ml
17) T n-Tricontane (C30)	18.094	3880204	17.289 ug/ml
18) T n-Dotriacontane (C32)	18.928	3921423	16.799 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3725819	17.444 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3373342	18.124 ug/ml
21) T n-Octatriacontane (C38)	21.201	3230272	18.639 ug/ml
22) T n-Tetracontane (C40)	22.130	3206721	19.029 ug/ml

(f)=RT Delta > 1/2 Window

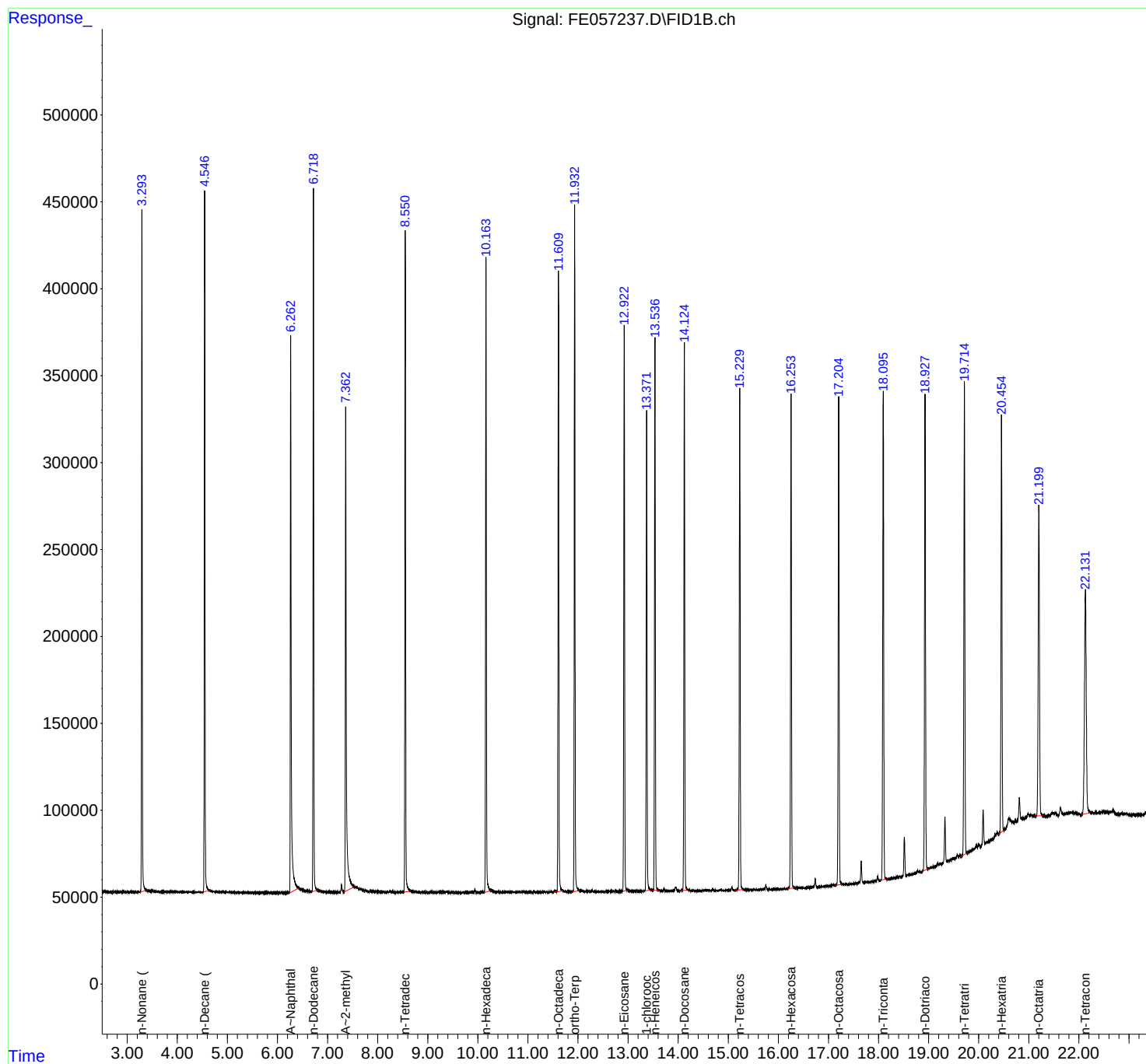
(m)=manual int.

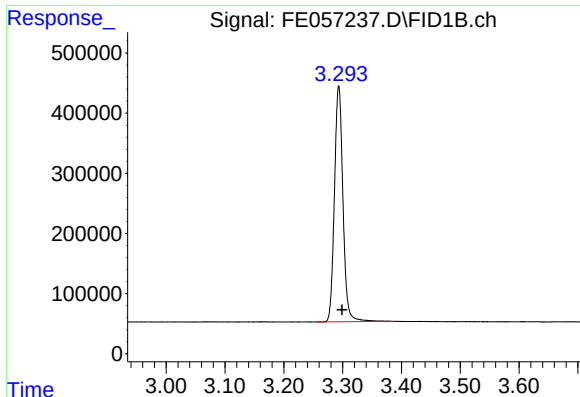
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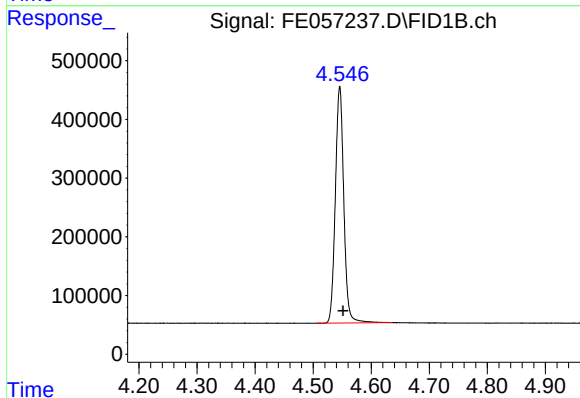




#1 n-Nonane (C9)

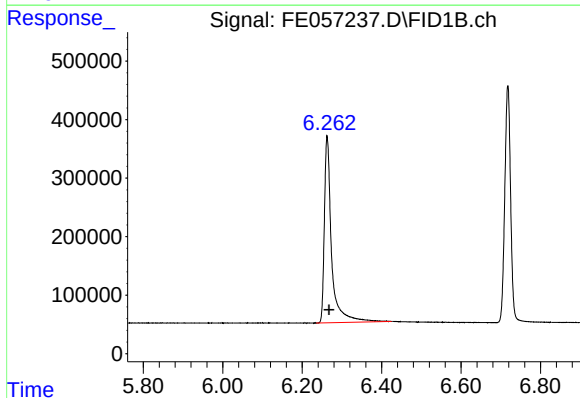
R.T.: 3.293 min
Delta R.T.: -0.006 min
Response: 3941546
Conc: 20.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



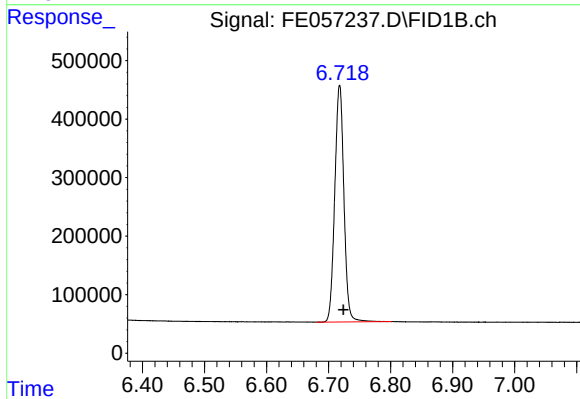
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.006 min
Response: 4081338
Conc: 20.18 ug/ml



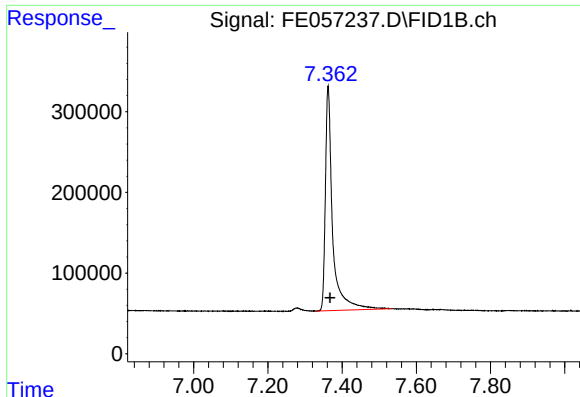
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 4049805
Conc: 20.12 ug/ml



#4 n-Dodecane (C12)

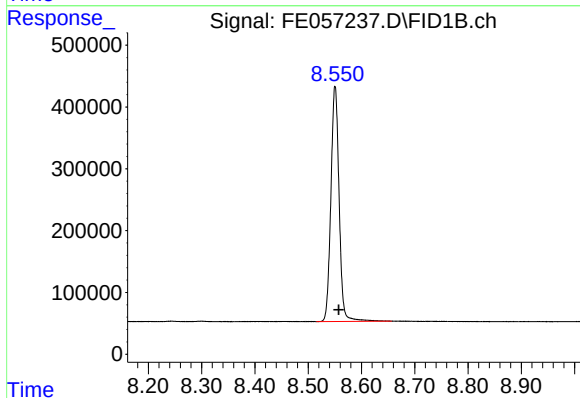
R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 4145940
Conc: 20.31 ug/ml



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

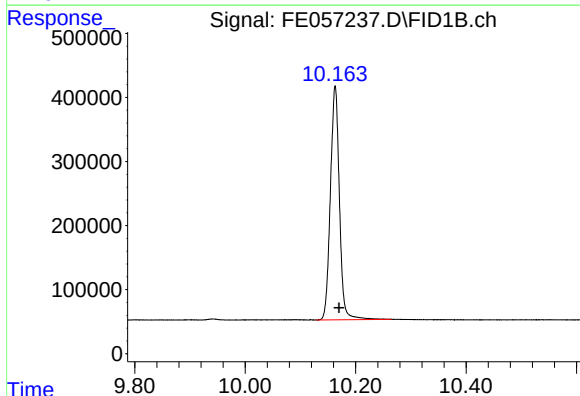
R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 3776066
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



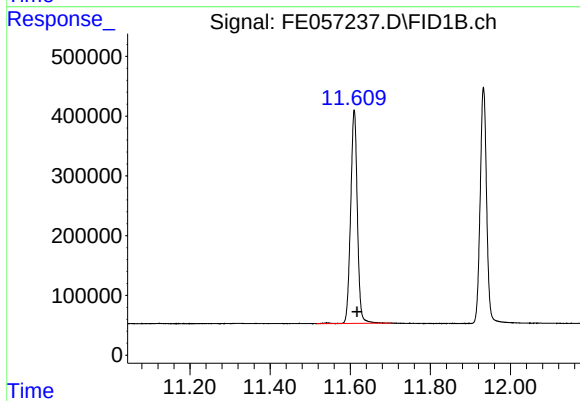
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.007 min
Response: 4074268
Conc: 20.24 ug/ml



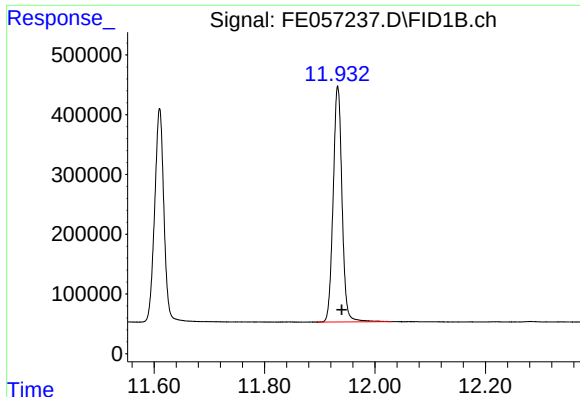
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.007 min
Response: 4137666
Conc: 20.18 ug/ml



#8 n-Octadecane (C18)

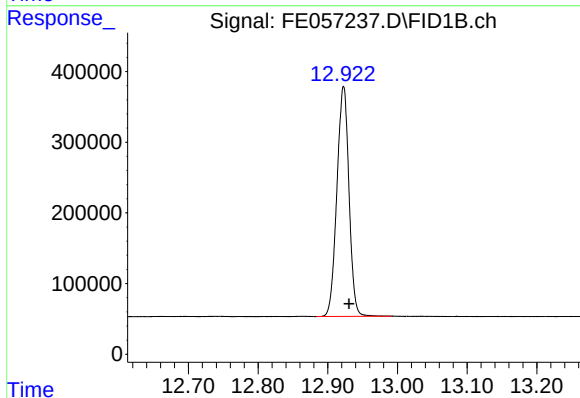
R.T.: 11.610 min
Delta R.T.: -0.007 min
Response: 4156767
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

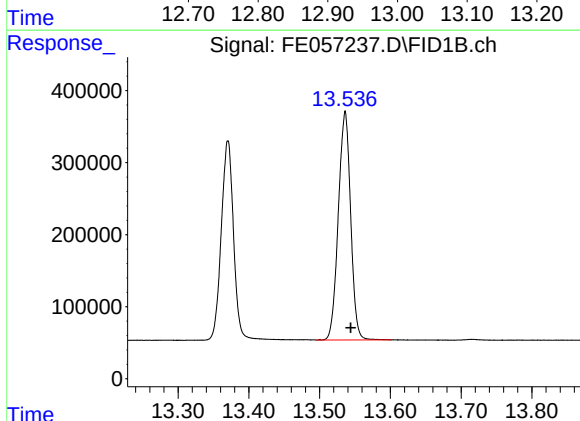
R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 4402909
Conc: 20.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



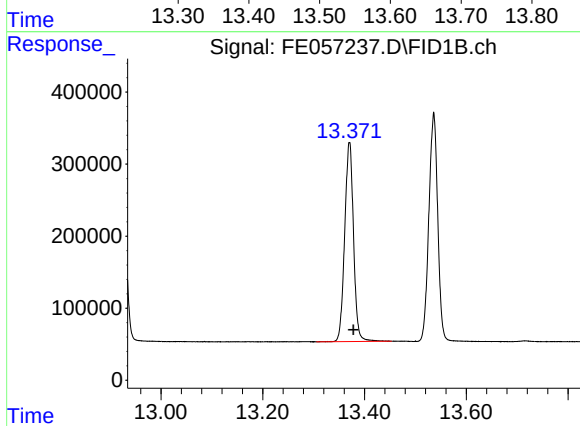
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.008 min
Response: 3925588
Conc: 19.96 ug/ml



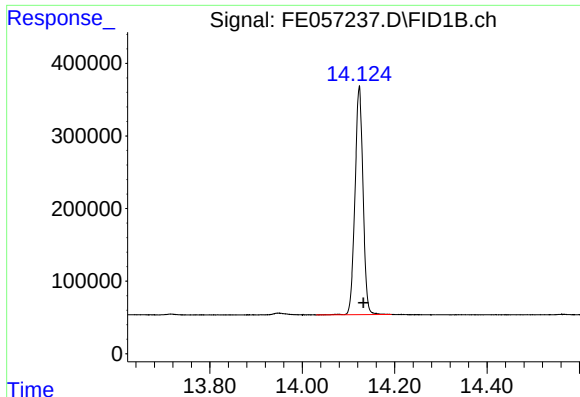
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 3834819
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

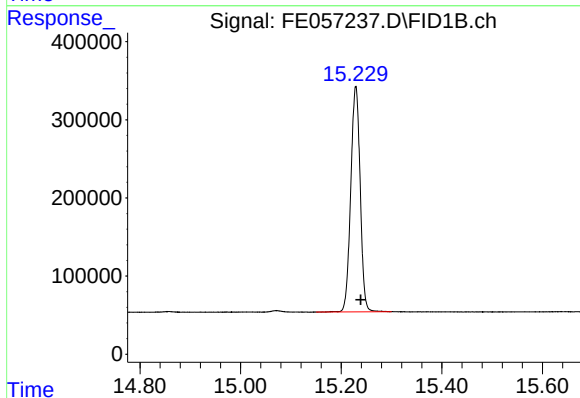
R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 3329911
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

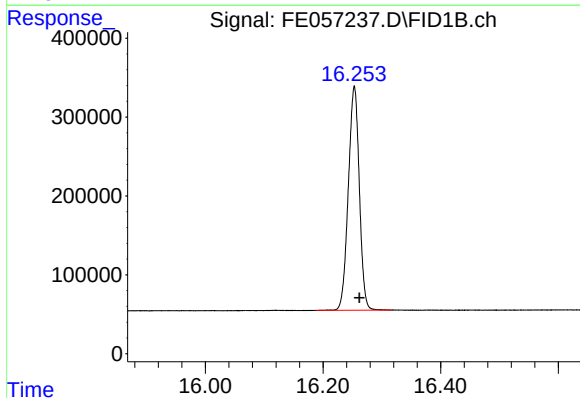
R.T.: 14.123 min
Delta R.T.: -0.009 min
Response: 3790581
Conc: 19.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



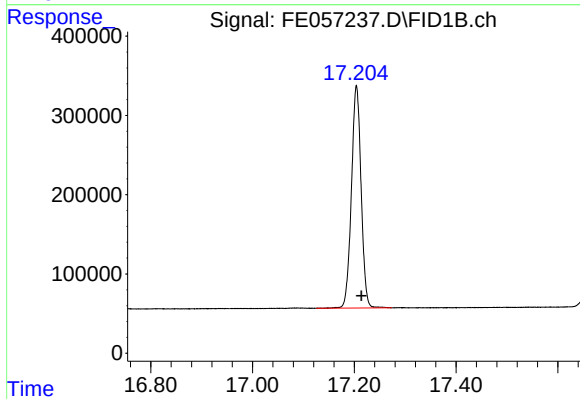
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.009 min
Response: 3753364
Conc: 18.95 ug/ml



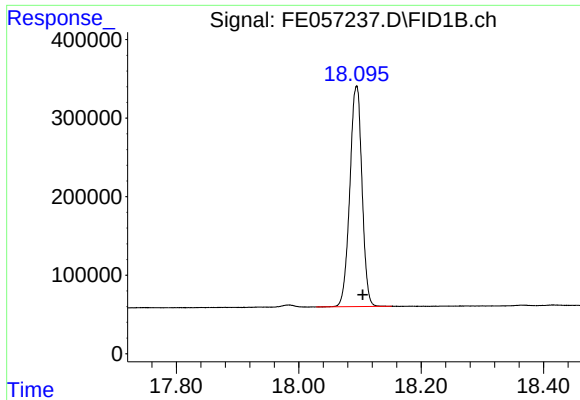
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 3688962
Conc: 18.59 ug/ml



#16 n-Octacosane (C28)

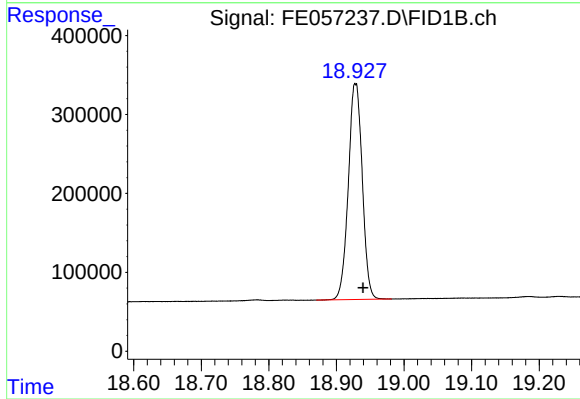
R.T.: 17.204 min
Delta R.T.: -0.010 min
Response: 3700091
Conc: 18.01 ug/ml



#17 n-Tricontane (C30)

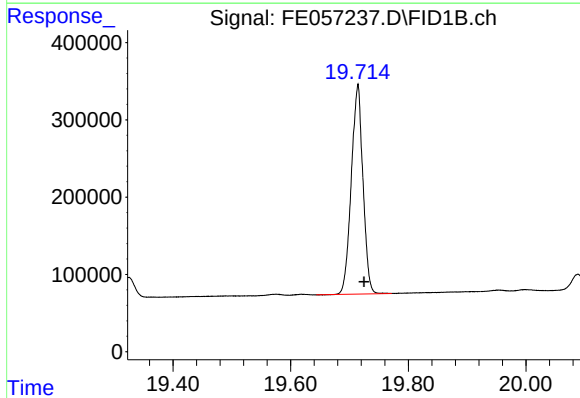
R.T.: 18.094 min
Delta R.T.: -0.011 min
Response: 3880204
Conc: 17.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



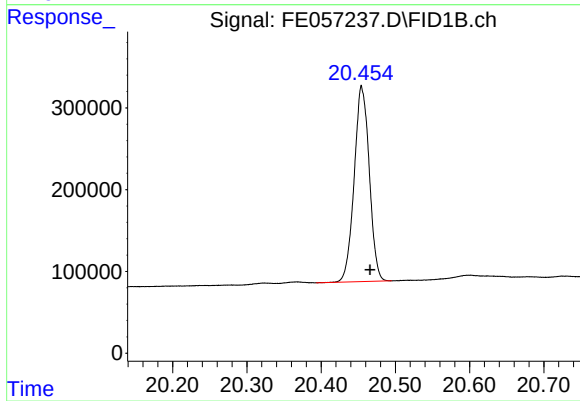
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 3921423
Conc: 16.80 ug/ml



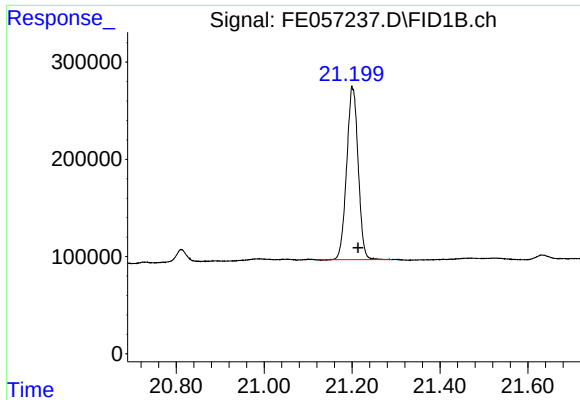
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 3725819
Conc: 17.44 ug/ml



#20 n-Hexatriacontane (C36)

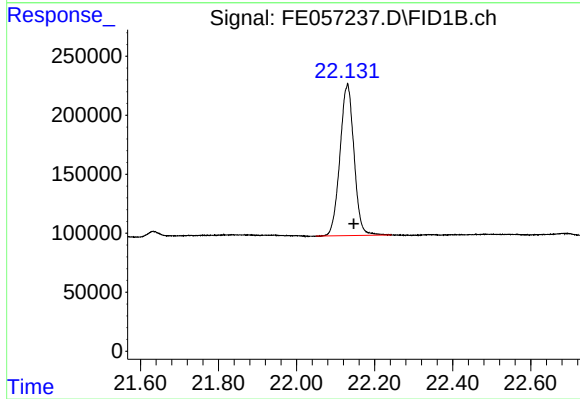
R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 3373342
Conc: 18.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 3230272
Conc: 18.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.016 min
Response: 3206721
Conc: 19.03 ug/ml