

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
 Data File : FE056809.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 09:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 00:16:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.951	3773138	18.061 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
12) S 1-chlorooctadecane (S...	13.388	2858514	17.742 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
Target Compounds			
1) T n-Nonane (C9)	3.314	2958727	17.615 ug/ml
2) T n-Decane (C10)	4.566	3319583	19.346 ug/ml
3) T A~Naphthalene (C11.7)	6.280	3436145	18.616 ug/ml
4) T n-Dodecane (C12)	6.736	3465181	19.923 ug/ml
5) T A~2-methylnaphthalene...	7.379	3277245	18.492 ug/ml
6) T n-Tetradecane (C14)	8.570	3426522	19.630 ug/ml
7) T n-Hexadecane (C16)	10.182	3519222	19.235 ug/ml
8) T n-Octadecane (C18)	11.629	3554840	18.782 ug/ml
10) T n-Eicosane (C20)	12.941	3380449	18.139 ug/ml
11) T n-Heneicosane (C21)	13.554	3299699	17.945 ug/ml
13) T n-Docosane (C22)	14.142	3296167	17.608 ug/ml
14) T n-Tetracosane (C24)	15.248	3330451	17.004 ug/ml
15) T n-Hexacosane (C26)	16.271	3247448	16.710 ug/ml
16) T n-Octacosane (C28)	17.223	3265598	16.862 ug/ml
17) T n-Tricontane (C30)	18.113	3449775	17.206 ug/ml
18) T n-Dotriacontane (C32)	18.947	3492848	17.762 ug/ml
19) T n-Tetratriacontane (C34)	19.733	3187785	18.468 ug/ml
20) T n-Hexatriacontane (C36)	20.474	2736770	18.919 ug/ml
21) T n-Octatriacontane (C38)	21.222	2516754	19.996 ug/ml
22) T n-Tetracontane (C40)	22.156f	2431292	21.029 ug/ml

(f)=RT Delta > 1/2 Window

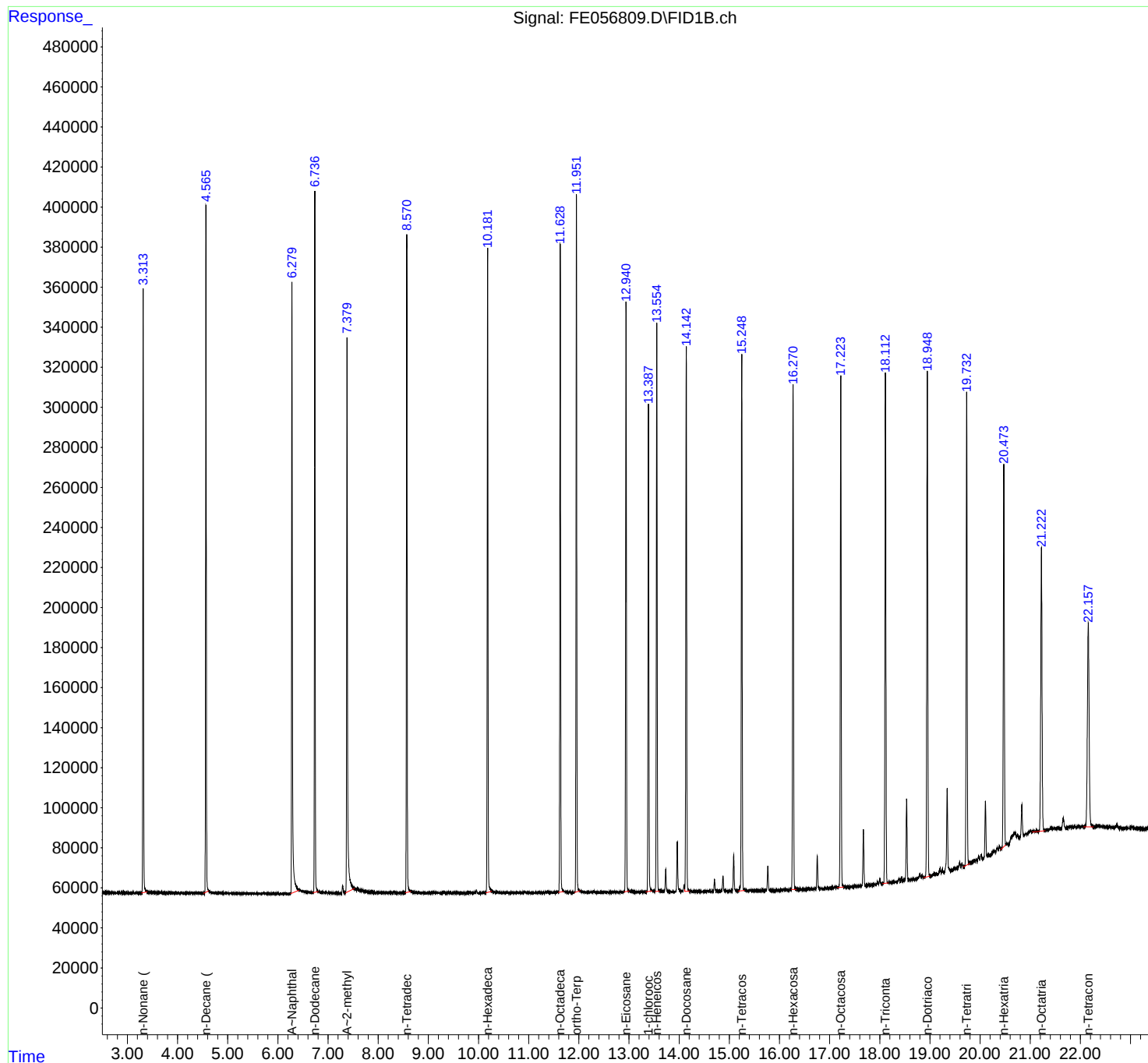
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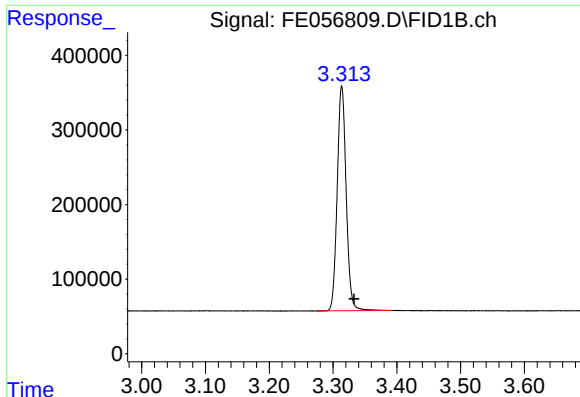
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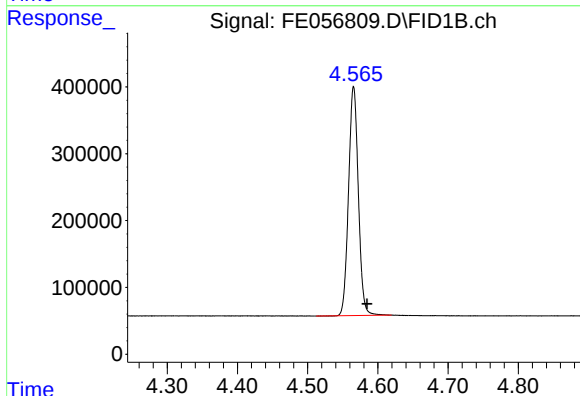




#1 n-Nonane (C9)

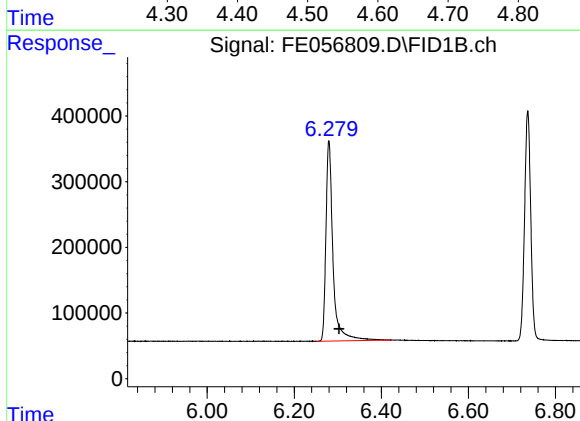
R.T.: 3.314 min
Delta R.T.: -0.019 min
Response: 2958727
Conc: 17.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



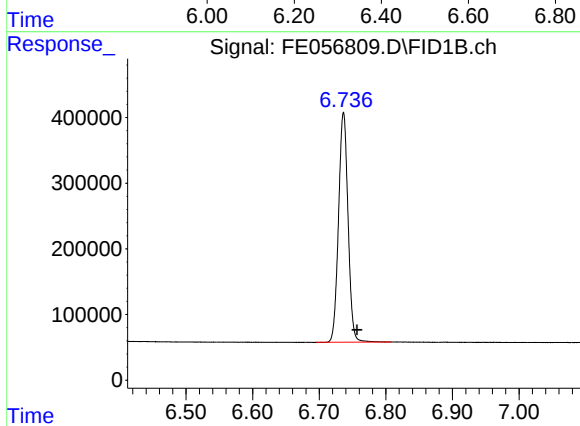
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.019 min
Response: 3319583
Conc: 19.35 ug/ml



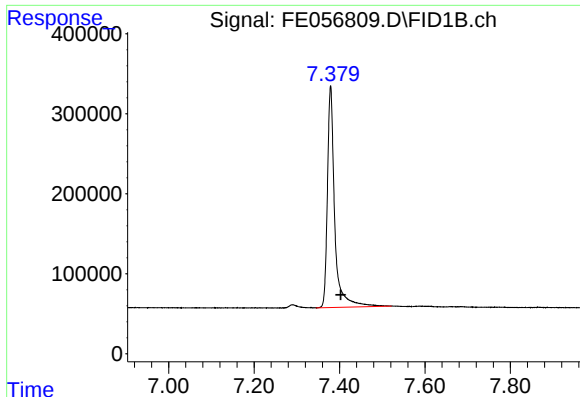
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.023 min
Response: 3436145
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

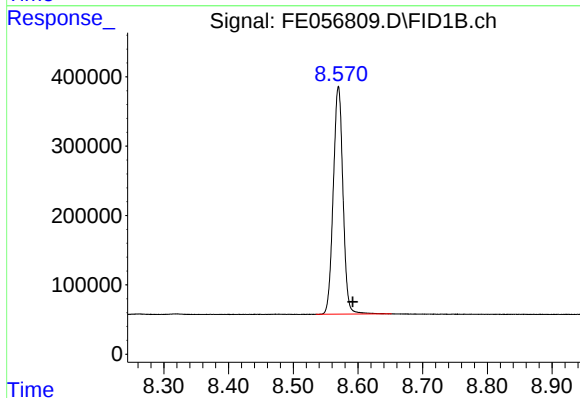
R.T.: 6.736 min
Delta R.T.: -0.020 min
Response: 3465181
Conc: 19.92 ug/ml



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

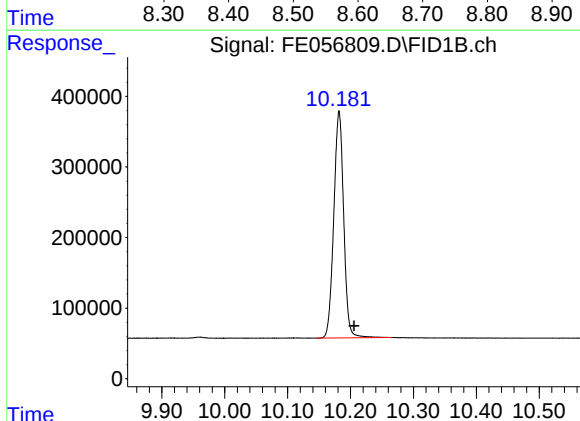
R.T.: 7.379 min
Delta R.T.: -0.024 min
Response: 3277245
Conc: 18.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



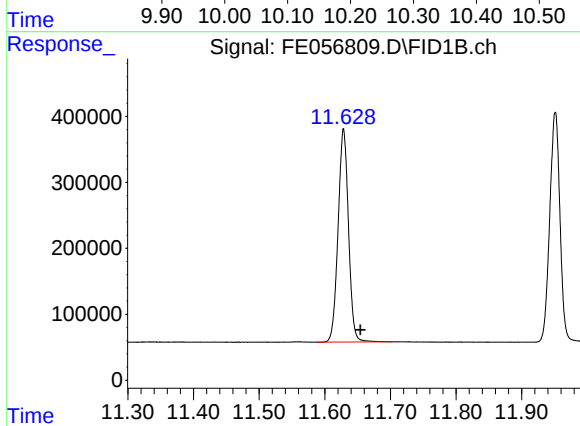
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.022 min
Response: 3426522
Conc: 19.63 ug/ml



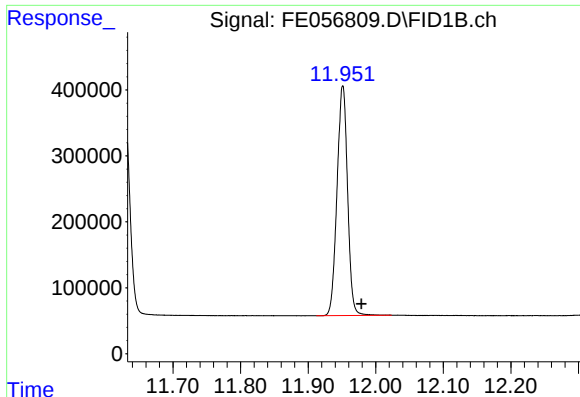
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.024 min
Response: 3519222
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

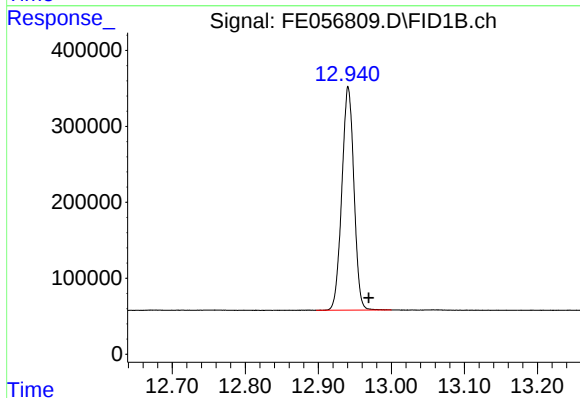
R.T.: 11.629 min
Delta R.T.: -0.026 min
Response: 3554840
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

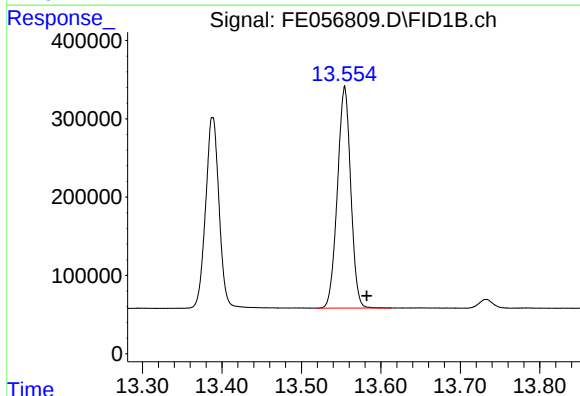
R.T.: 11.951 min
Delta R.T.: -0.028 min
Response: 3773138
Conc: 18.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



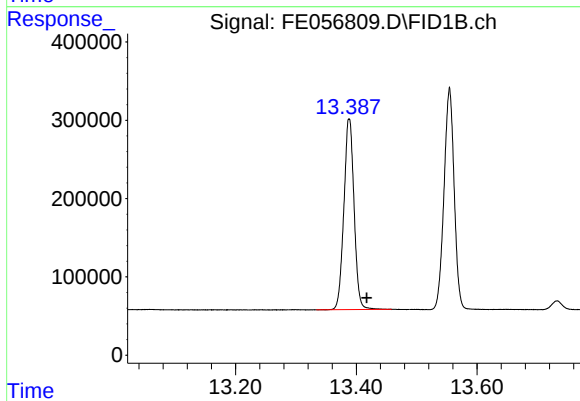
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.028 min
Response: 3380449
Conc: 18.14 ug/ml



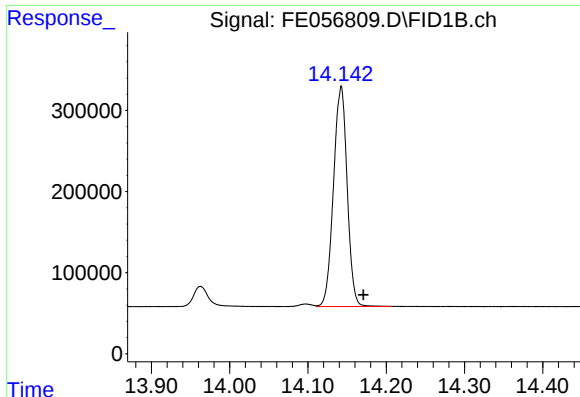
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.028 min
Response: 3299699
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

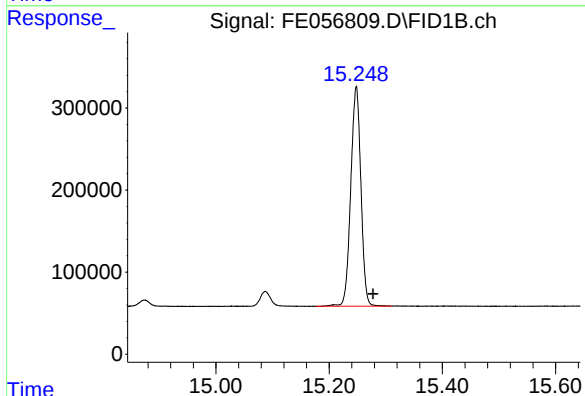
R.T.: 13.388 min
Delta R.T.: -0.029 min
Response: 2858514
Conc: 17.74 ug/ml



#13 n-Docosane (C22)

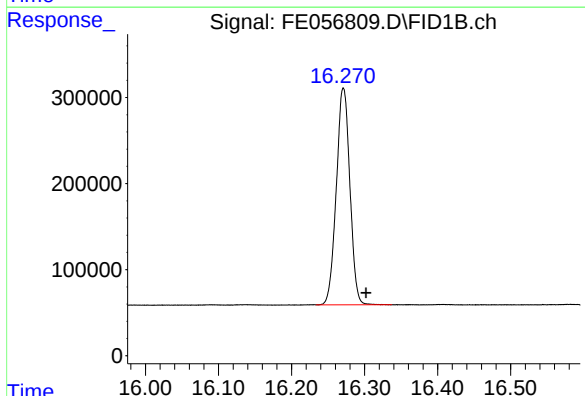
R.T.: 14.142 min
Delta R.T.: -0.029 min
Response: 3296167
Conc: 17.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



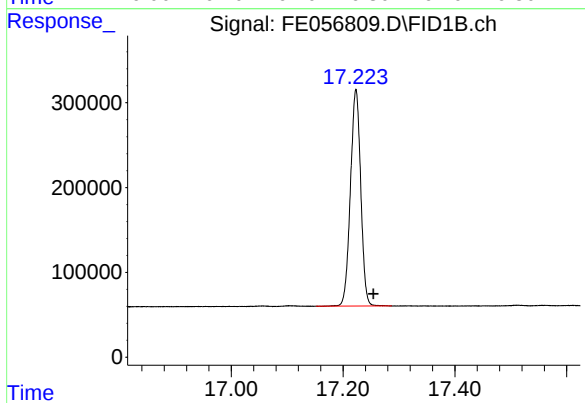
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 3330451
Conc: 17.00 ug/ml



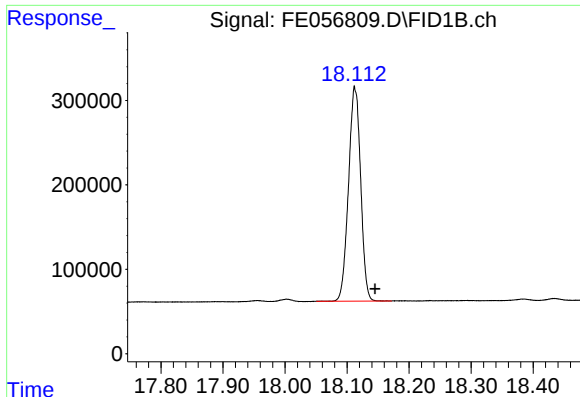
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.031 min
Response: 3247448
Conc: 16.71 ug/ml



#16 n-Octacosane (C28)

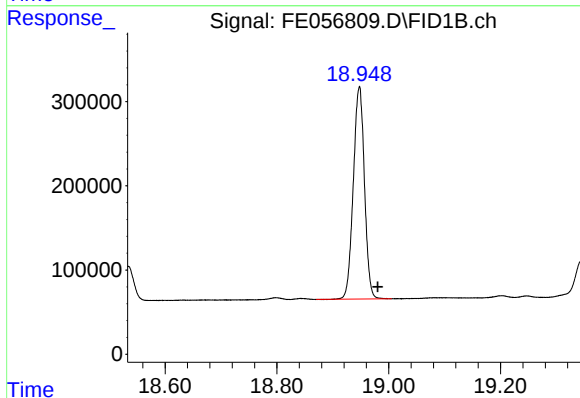
R.T.: 17.223 min
Delta R.T.: -0.031 min
Response: 3265598
Conc: 16.86 ug/ml



#17 n-Tricontane (C30)

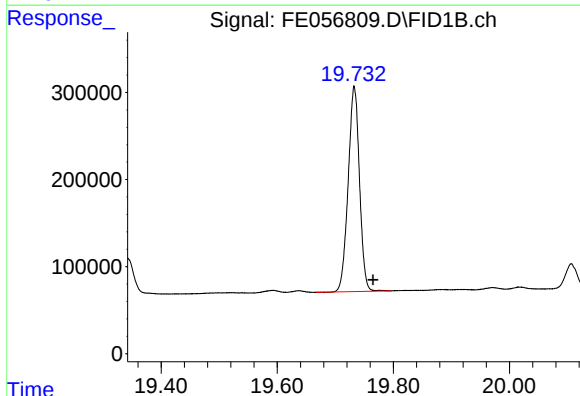
R.T.: 18.113 min
Delta R.T.: -0.032 min
Response: 3449775
Conc: 17.21 ug/ml

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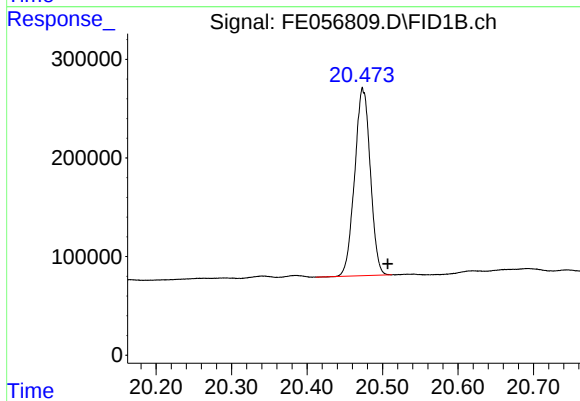
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.033 min
Response: 3492848
Conc: 17.76 ug/ml



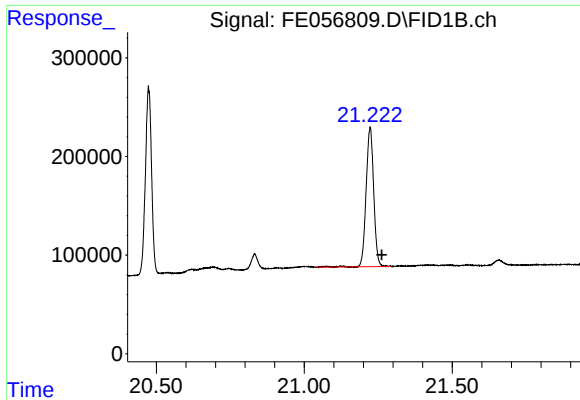
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.032 min
Response: 3187785
Conc: 18.47 ug/ml



#20 n-Hexatriacontane (C36)

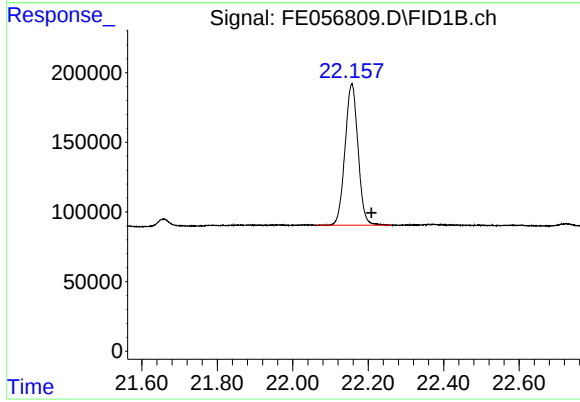
R.T.: 20.474 min
Delta R.T.: -0.033 min
Response: 2736770
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.039 min
Response: 2516754
Conc: 20.00 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.052 min
Response: 2431292
Conc: 21.03 ug/ml