

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
 Data File : FE056820.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 16:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 14 00:20:22 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	3627694	17.365 ug/ml
Spiked Amount 50.000		Recovery =	34.73%
12) S 1-chlorooctadecane (S...	13.388	2720214	16.883 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
Target Compounds			
1) T n-Nonane (C9)	3.314	3156637	18.794 ug/ml
2) T n-Decane (C10)	4.565	3331933	19.418 ug/ml
3) T A~Naphthalene (C11.7)	6.280	3397436	18.406 ug/ml
4) T n-Dodecane (C12)	6.737	3429086	19.715 ug/ml
5) T A~2-methylnaphthalene...	7.379	3206087	18.091 ug/ml
6) T n-Tetradecane (C14)	8.570	3376361	19.343 ug/ml
7) T n-Hexadecane (C16)	10.181	3453577	18.876 ug/ml
8) T n-Octadecane (C18)	11.629	3435905	18.153 ug/ml
10) T n-Eicosane (C20)	12.941	3215543	17.254 ug/ml
11) T n-Heneicosane (C21)	13.554	3120838	16.972 ug/ml
13) T n-Docosane (C22)	14.142	3118204	16.657 ug/ml
14) T n-Tetracosane (C24)	15.247	3159275	16.130 ug/ml
15) T n-Hexacosane (C26)	16.271	3113009	16.019 ug/ml
16) T n-Octacosane (C28)	17.222	3134952	16.188 ug/ml
17) T n-Tricontane (C30)	18.112	3271889	16.319 ug/ml
18) T n-Dotriacontane (C32)	18.946	3287290	16.716 ug/ml
19) T n-Tetratriacontane (C34)	19.732	3025225	17.526 ug/ml
20) T n-Hexatriacontane (C36)	20.473	2647706	18.303 ug/ml
21) T n-Octatriacontane (C38)	21.222	2396298	19.039 ug/ml
22) T n-Tetracontane (C40)	22.156f	2371801	20.515 ug/ml

(f)=RT Delta > 1/2 Window

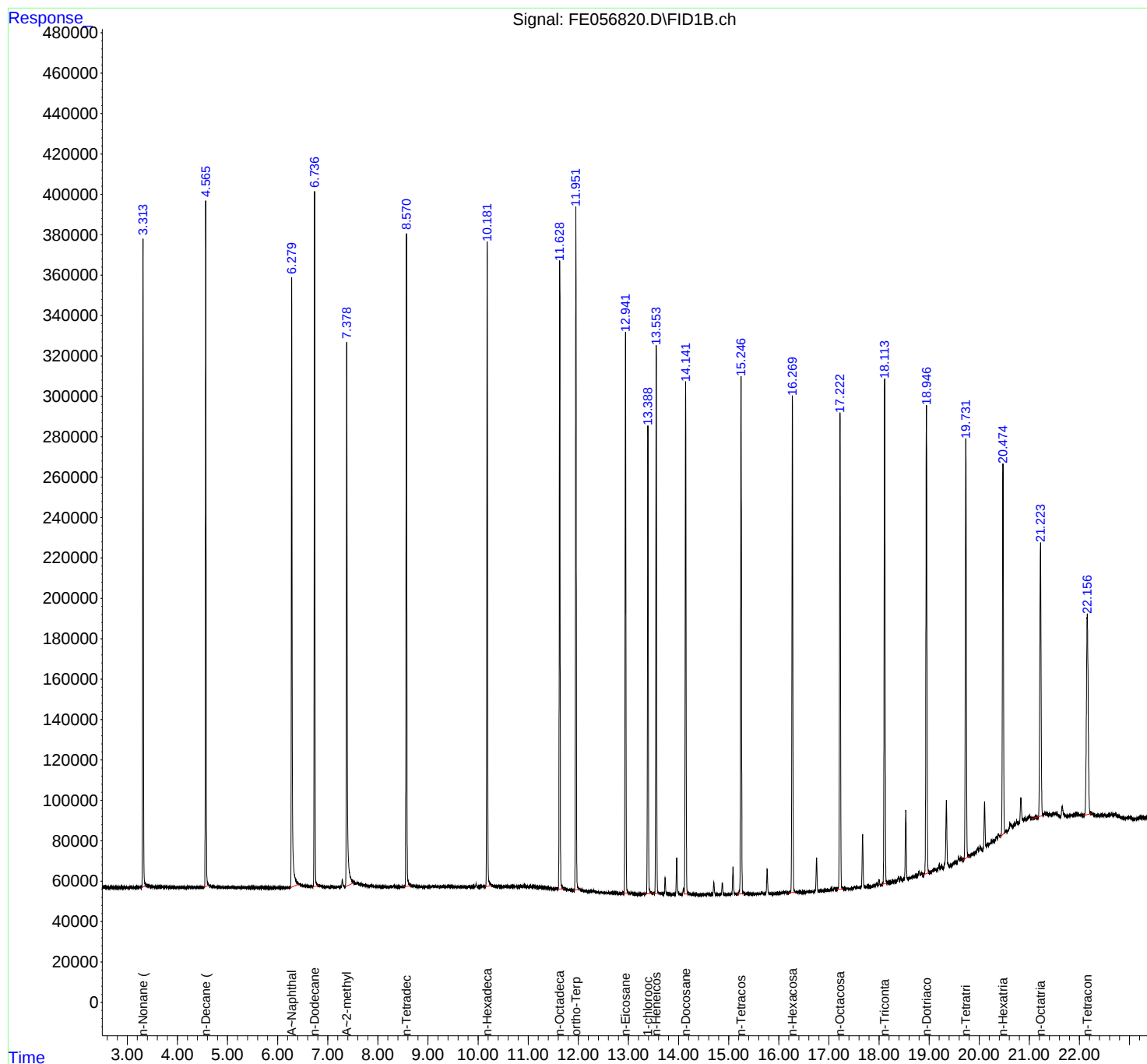
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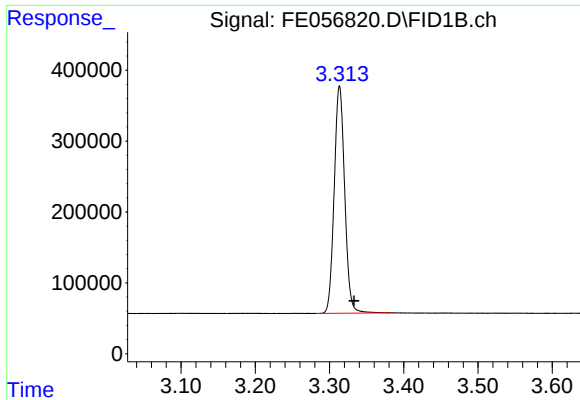
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
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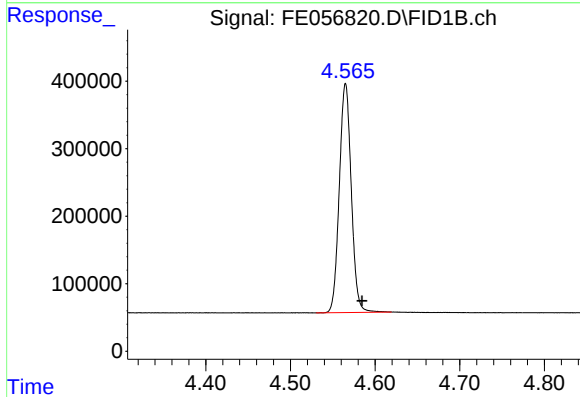




#1 n-Nonane (C9)

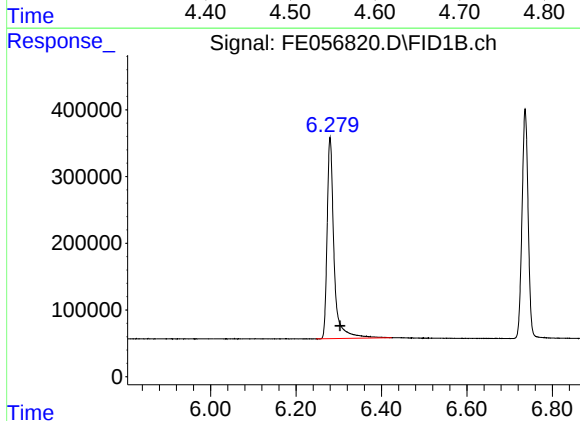
R.T.: 3.314 min
Delta R.T.: -0.019 min
Response: 3156637
Conc: 18.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



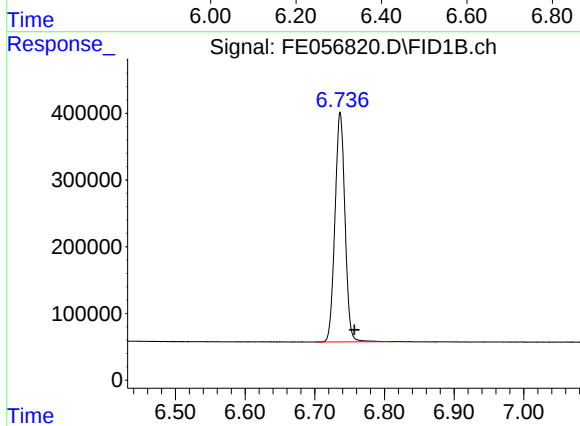
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: -0.019 min
Response: 3331933
Conc: 19.42 ug/ml



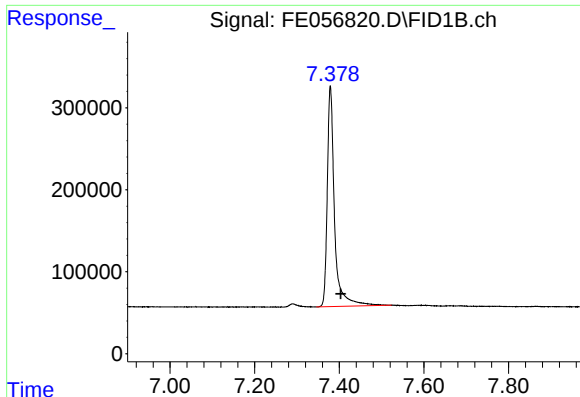
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.023 min
Response: 3397436
Conc: 18.41 ug/ml



#4 n-Dodecane (C12)

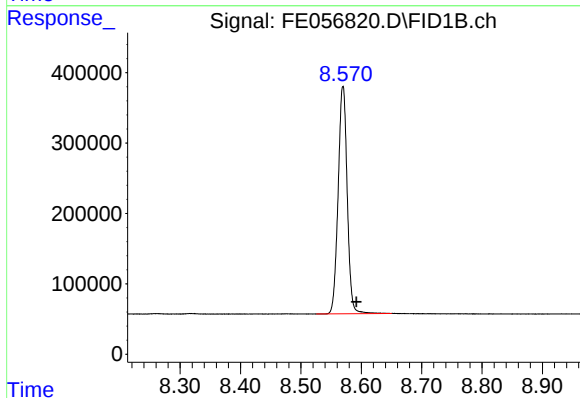
R.T.: 6.737 min
Delta R.T.: -0.020 min
Response: 3429086
Conc: 19.72 ug/ml



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

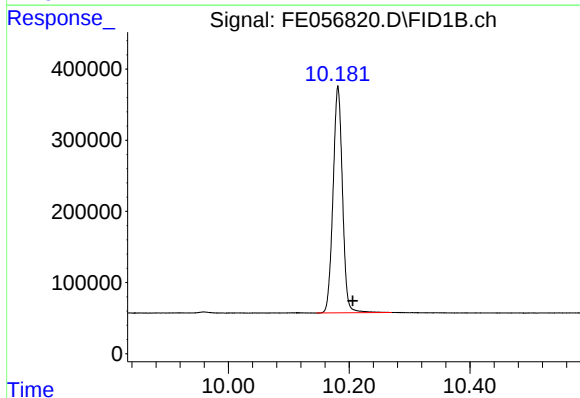
R.T.: 7.379 min
Delta R.T.: -0.024 min
Response: 3206087
Conc: 18.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



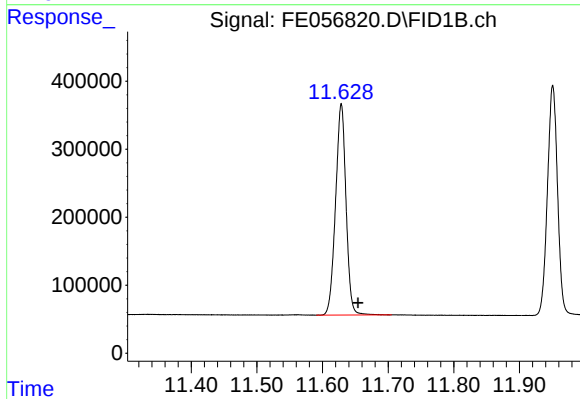
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.022 min
Response: 3376361
Conc: 19.34 ug/ml



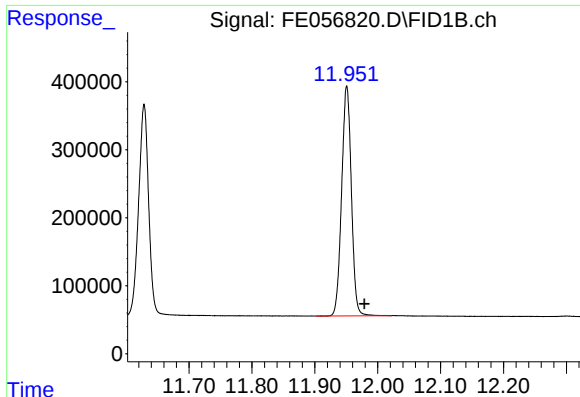
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.024 min
Response: 3453577
Conc: 18.88 ug/ml



#8 n-Octadecane (C18)

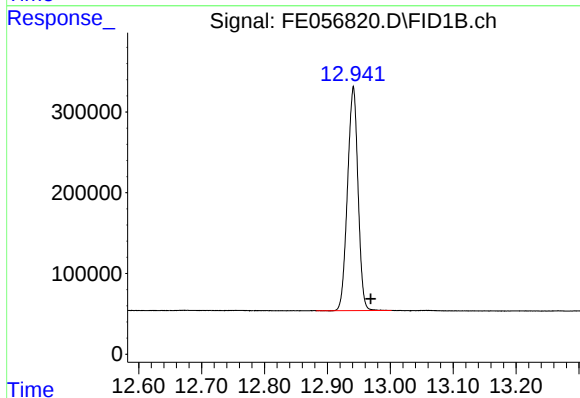
R.T.: 11.629 min
Delta R.T.: -0.026 min
Response: 3435905
Conc: 18.15 ug/ml



#9 ortho-Terphenyl (SURR)

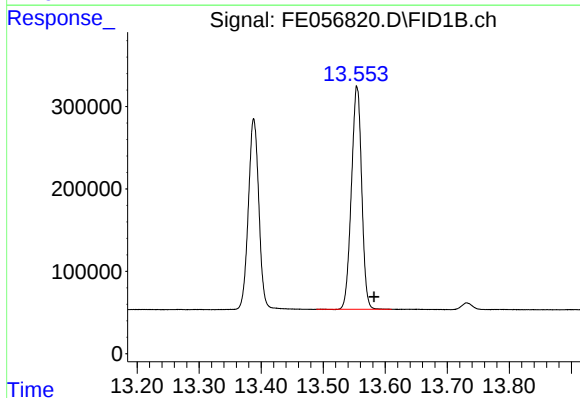
R.T.: 11.951 min
Delta R.T.: -0.028 min
Response: 3627694
Conc: 17.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



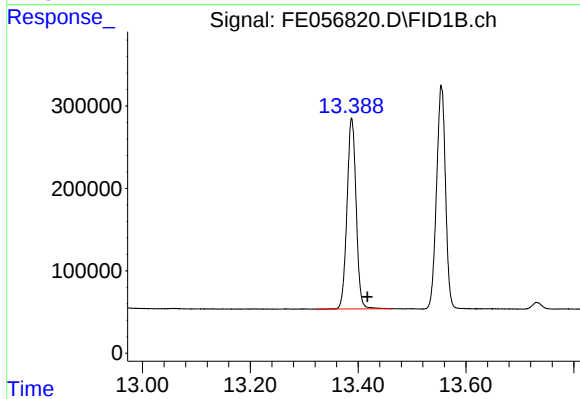
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.028 min
Response: 3215543
Conc: 17.25 ug/ml



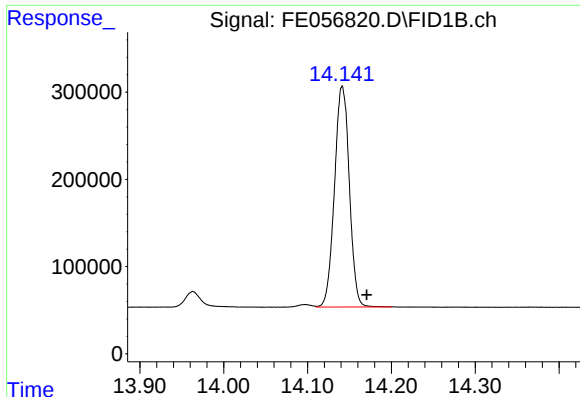
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.028 min
Response: 3120838
Conc: 16.97 ug/ml



#12 1-chlorooctadecane (SURR)

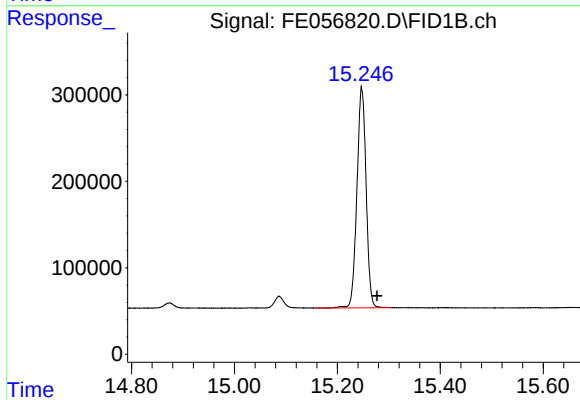
R.T.: 13.388 min
Delta R.T.: -0.029 min
Response: 2720214
Conc: 16.88 ug/ml



#13 n-Docosane (C22)

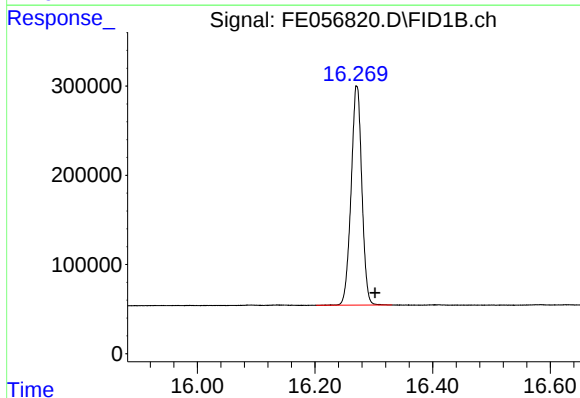
R.T.: 14.142 min
Delta R.T.: -0.029 min
Response: 3118204
Conc: 16.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



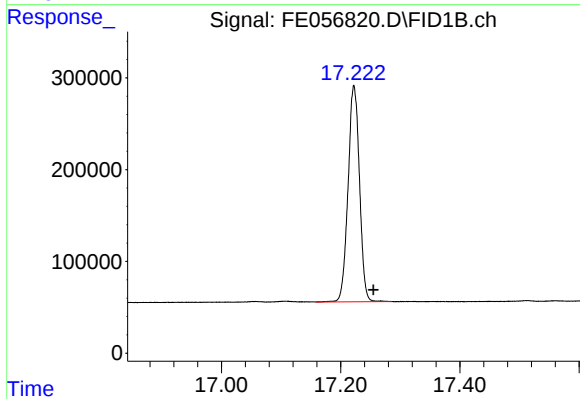
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.030 min
Response: 3159275
Conc: 16.13 ug/ml



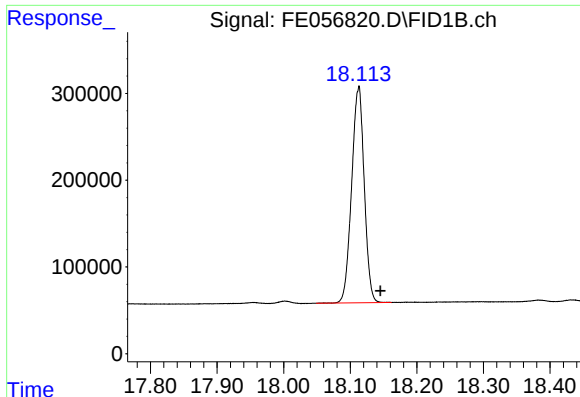
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.031 min
Response: 3113009
Conc: 16.02 ug/ml



#16 n-Octacosane (C28)

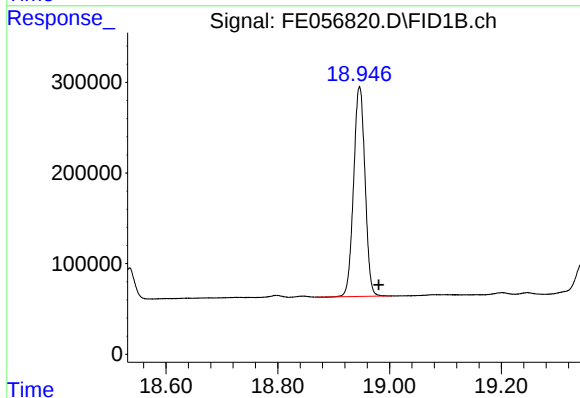
R.T.: 17.222 min
Delta R.T.: -0.032 min
Response: 3134952
Conc: 16.19 ug/ml



#17 n-Tricontane (C30)

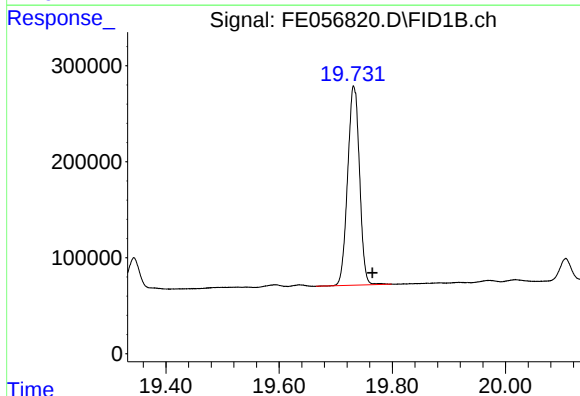
R.T.: 18.112 min
Delta R.T.: -0.033 min
Response: 3271889
Conc: 16.32 ug/ml

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20 PPM ALIPHATIC HC STD



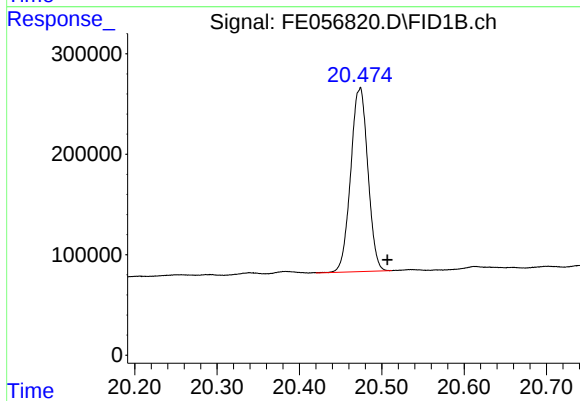
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.034 min
Response: 3287290
Conc: 16.72 ug/ml



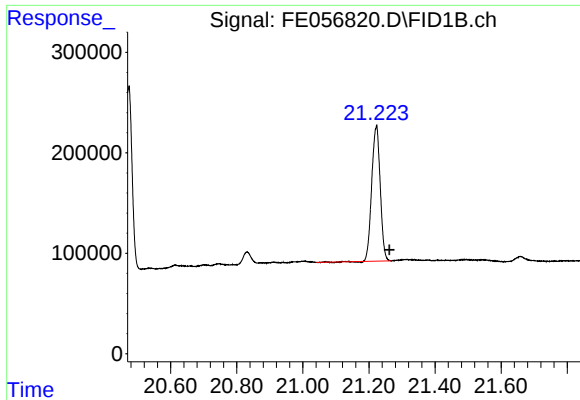
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.033 min
Response: 3025225
Conc: 17.53 ug/ml



#20 n-Hexatriacontane (C36)

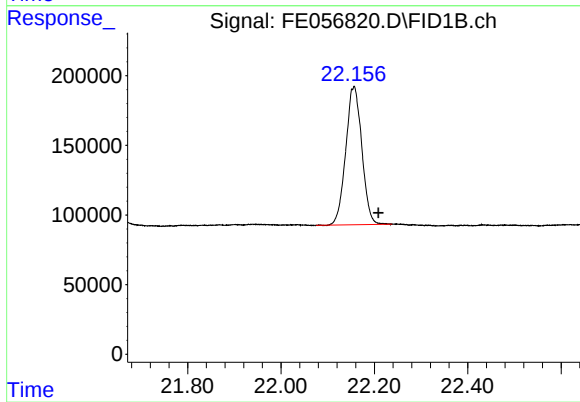
R.T.: 20.473 min
Delta R.T.: -0.034 min
Response: 2647706
Conc: 18.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.040 min
Response: 2396298
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.053 min
Response: 2371801
Conc: 20.51 ug/ml