

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102725AL\
 Data File : FE056510.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2025 12:46
 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: autoint1.e
 Quant Time: Oct 28 01:18:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 24 08:17:58 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)	11.990	3686064	18.043 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
12) S 1-chlorooctadecane (S...	13.429	2740366	17.960 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.345	3008583	18.458 ug/ml
2) T n-Decane (C10)	4.598	3298174	20.056 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3413848	19.311 ug/ml
4) T n-Dodecane (C12)	6.771	3385134	20.176 ug/ml
5) T A~2-methylnaphthalene...	7.411	3273084	19.644 ug/ml
6) T n-Tetradecane (C14)	8.607	3314150	19.949 ug/ml
7) T n-Hexadecane (C16)	10.220	3391512	19.385 ug/ml
8) T n-Octadecane (C18)	11.668	3412822	18.709 ug/ml
10) T n-Eicosane (C20)	12.982	3238086	18.186 ug/ml
11) T n-Heneicosane (C21)	13.596	3157359	17.996 ug/ml
13) T n-Docosane (C22)	14.184	3141885	17.749 ug/ml
14) T n-Tetracosane (C24)	15.290	3146792	17.296 ug/ml
15) T n-Hexacosane (C26)	16.314	3078849	17.152 ug/ml
16) T n-Octacosane (C28)	17.267	3059133	17.196 ug/ml
17) T n-Tricontane (C30)	18.156	3229147	17.785 ug/ml
18) T n-Dotriacontane (C32)	18.990	3168438	17.972 ug/ml
19) T n-Tetratriacontane (C34)	19.775	2913011	18.818 ug/ml
20) T n-Hexatriacontane (C36)	20.518	2502912	20.034 ug/ml
21) T n-Octatriacontane (C38)	21.274	2254405	21.577 ug/ml
22) T n-Tetracontane (C40)	22.225	2167933	23.891 ug/ml

(f)=RT Delta > 1/2 Window

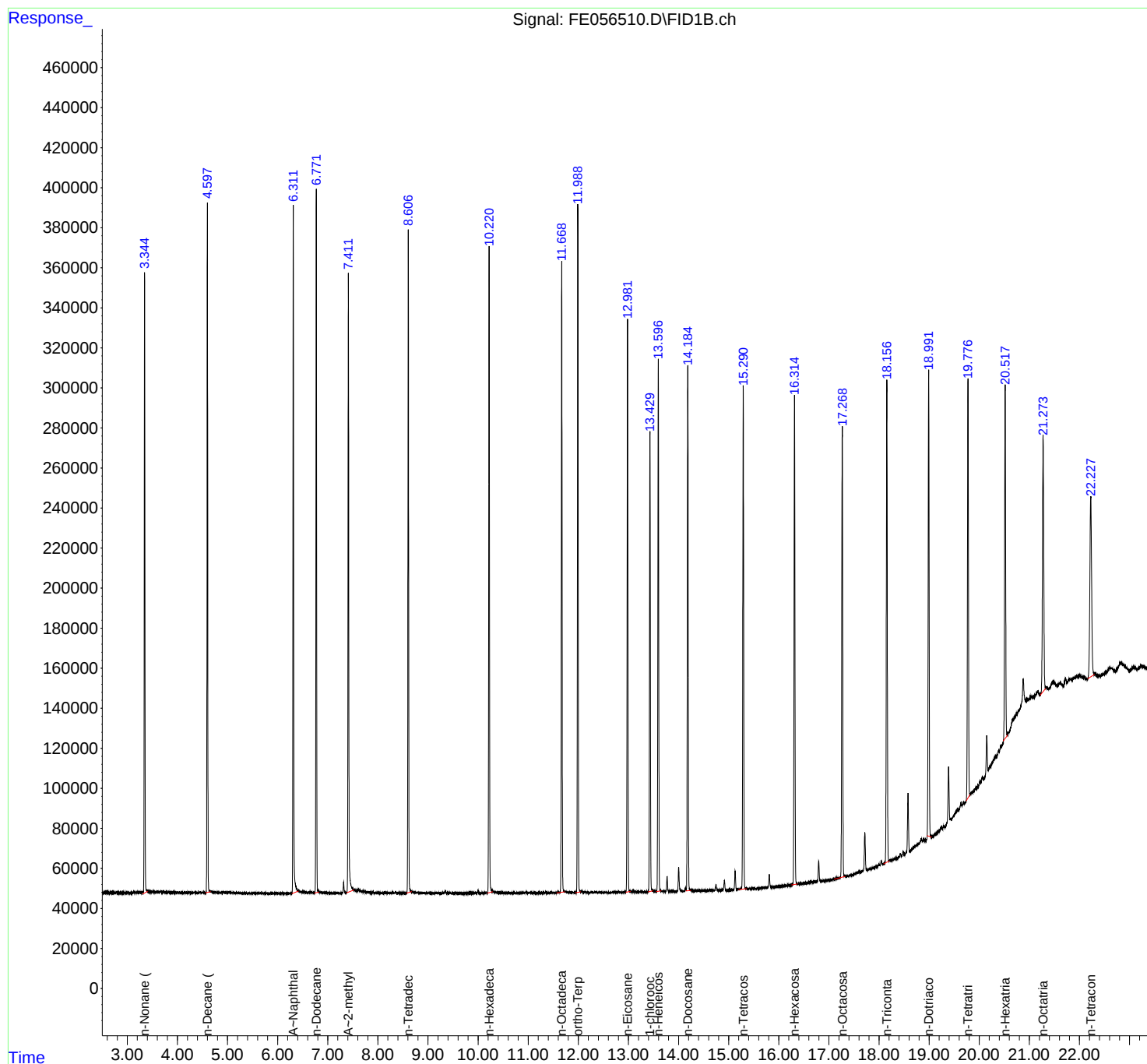
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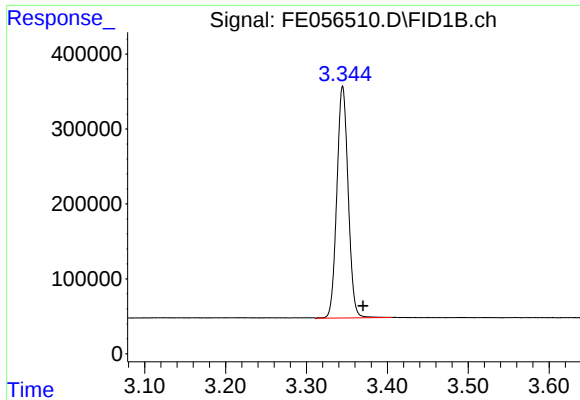
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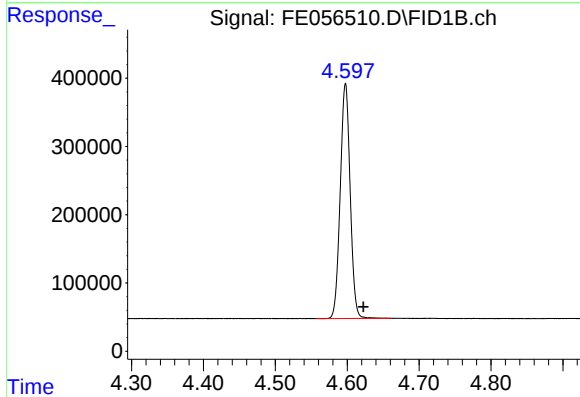




#1 n-Nonane (C9)

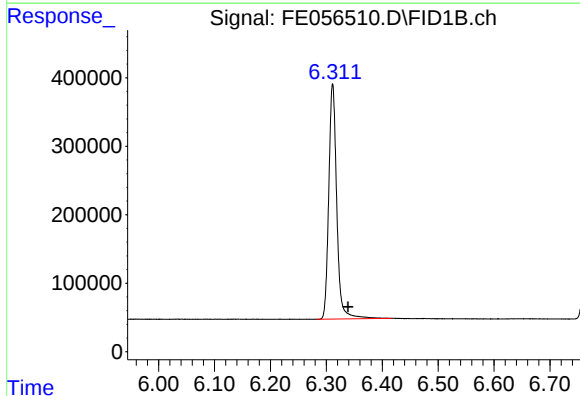
R.T.: 3.345 min
Delta R.T.: -0.025 min
Response: 3008583
Conc: 18.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



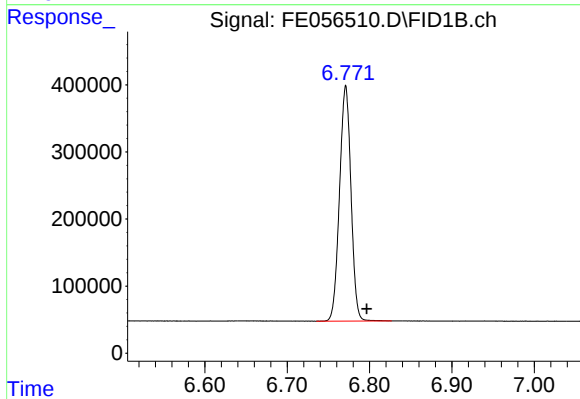
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.025 min
Response: 3298174
Conc: 20.06 ug/ml



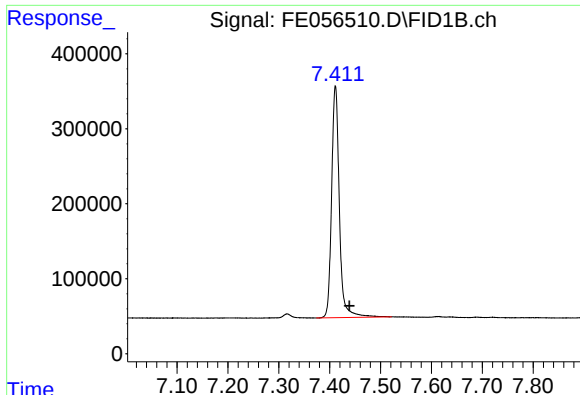
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.027 min
Response: 3413848
Conc: 19.31 ug/ml



#4 n-Dodecane (C12)

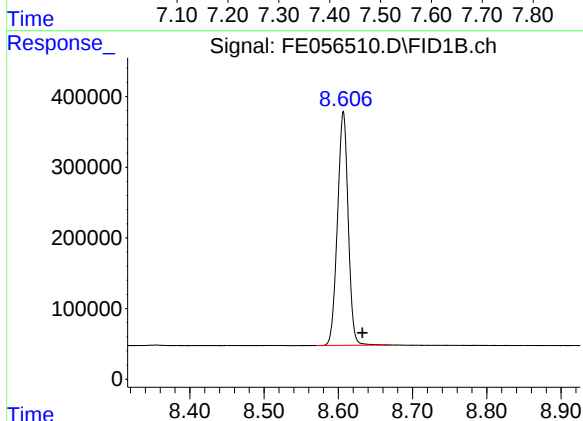
R.T.: 6.771 min
Delta R.T.: -0.026 min
Response: 3385134
Conc: 20.18 ug/ml



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

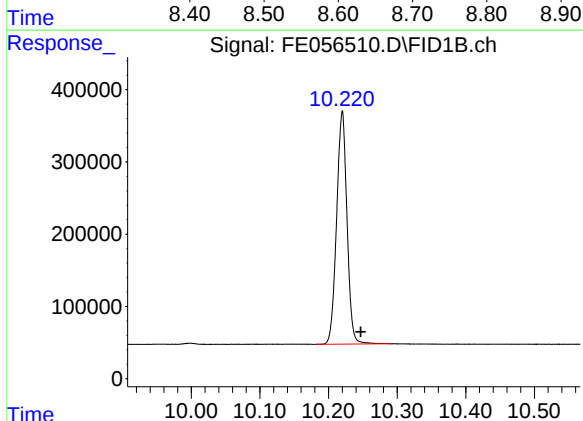
R.T.: 7.411 min
Delta R.T.: -0.028 min
Response: 3273084
Conc: 19.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



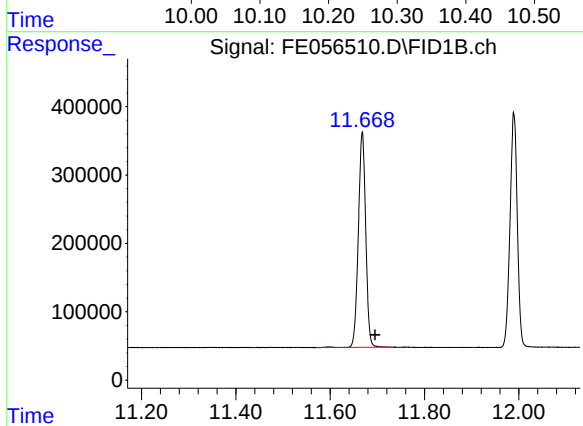
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: -0.026 min
Response: 3314150
Conc: 19.95 ug/ml



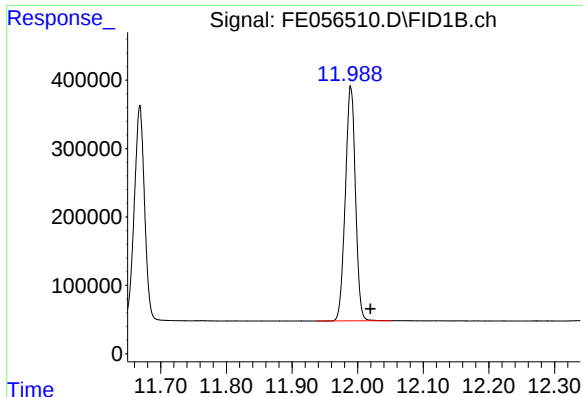
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: -0.027 min
Response: 3391512
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

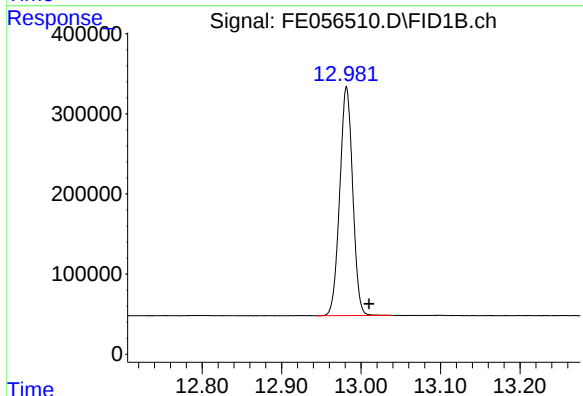
R.T.: 11.668 min
Delta R.T.: -0.027 min
Response: 3412822
Conc: 18.71 ug/ml



#9 ortho-Terphenyl (SURR)

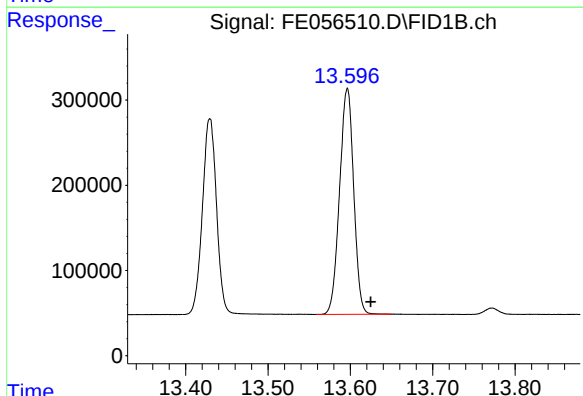
R.T.: 11.990 min
Delta R.T.: -0.030 min
Response: 3686064
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



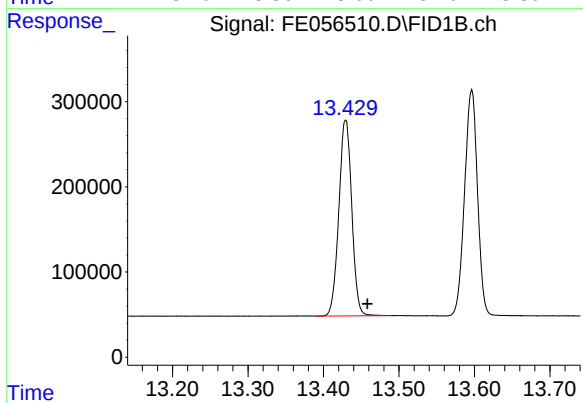
#10 n-Eicosane (C20)

R.T.: 12.982 min
Delta R.T.: -0.028 min
Response: 3238086
Conc: 18.19 ug/ml



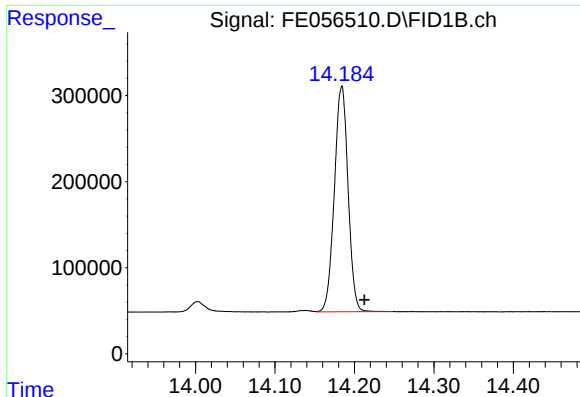
#11 n-Heneicosane (C21)

R.T.: 13.596 min
Delta R.T.: -0.029 min
Response: 3157359
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

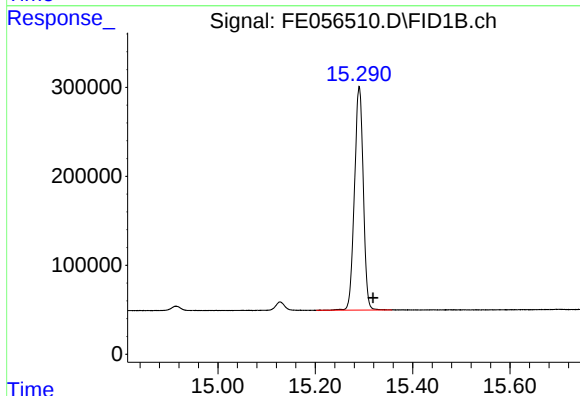
R.T.: 13.429 min
Delta R.T.: -0.029 min
Response: 2740366
Conc: 17.96 ug/ml



#13 n-Docosane (C22)

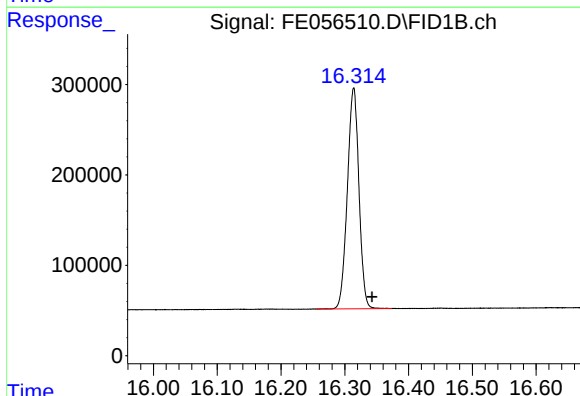
R.T.: 14.184 min
Delta R.T.: -0.028 min
Response: 3141885
Conc: 17.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



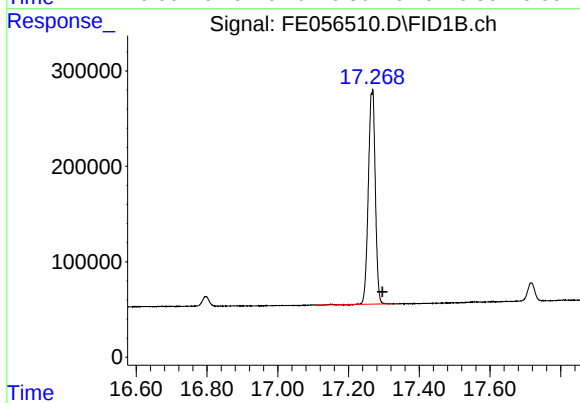
#14 n-Tetracosane (C24)

R.T.: 15.290 min
Delta R.T.: -0.029 min
Response: 3146792
Conc: 17.30 ug/ml



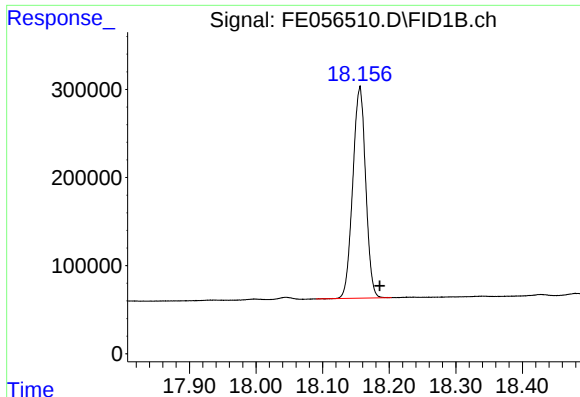
#15 n-Hexacosane (C26)

R.T.: 16.314 min
Delta R.T.: -0.029 min
Response: 3078849
Conc: 17.15 ug/ml



#16 n-Octacosane (C28)

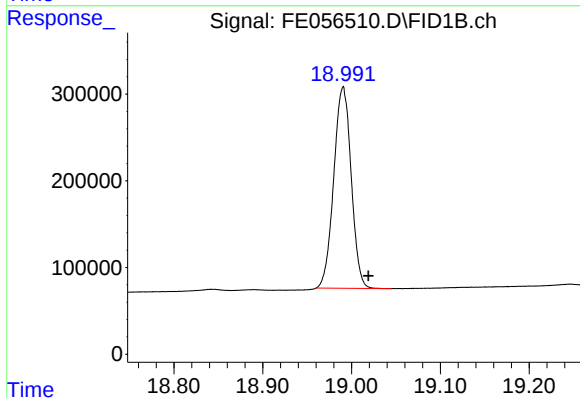
R.T.: 17.267 min
Delta R.T.: -0.029 min
Response: 3059133
Conc: 17.20 ug/ml



#17 n-Tricontane (C30)

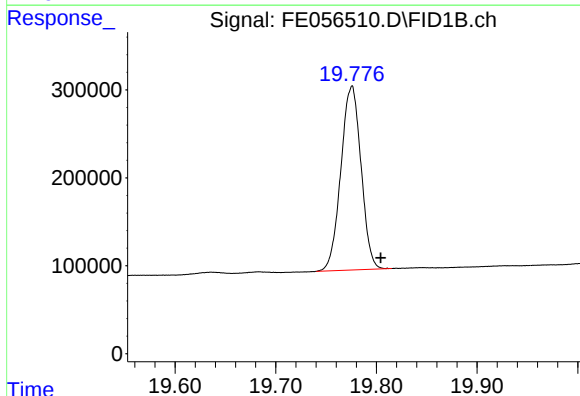
R.T.: 18.156 min
Delta R.T.: -0.030 min
Response: 3229147
Conc: 17.79 ug/ml

Instrument :
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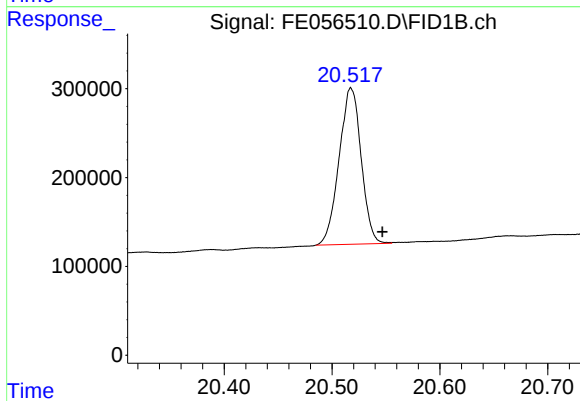
#18 n-Dotriacontane (C32)

R.T.: 18.990 min
Delta R.T.: -0.029 min
Response: 3168438
Conc: 17.97 ug/ml



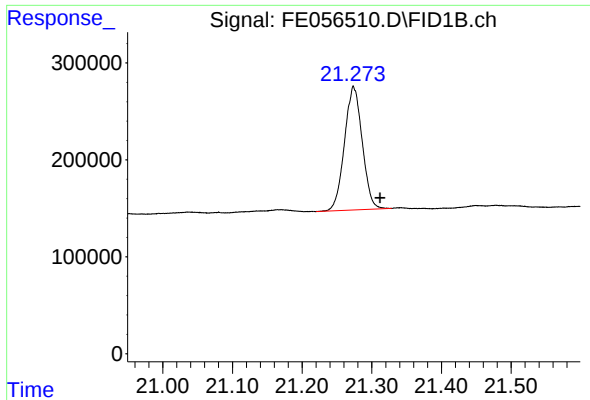
#19 n-Tetratriacontane (C34)

R.T.: 19.775 min
Delta R.T.: -0.029 min
Response: 2913011
Conc: 18.82 ug/ml



#20 n-Hexatriacontane (C36)

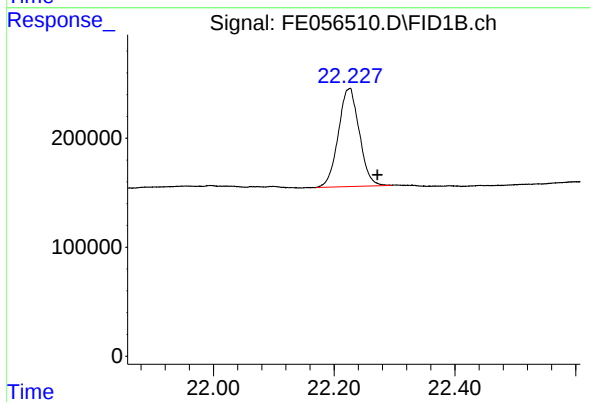
R.T.: 20.518 min
Delta R.T.: -0.029 min
Response: 2502912
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.274 min
Delta R.T.: -0.038 min
Response: 2254405
Conc: 21.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.225 min
Delta R.T.: -0.047 min
Response: 2167933
Conc: 23.89 ug/ml