

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100725AL\
 Data File : FE056223.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2025 12:47
 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: autoint1.e
 Quant Time: Oct 08 01:21:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.068	4002652	21.330 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
12) S 1-chlorooctadecane (S...	13.505	2975008	21.316 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T n-Nonane (C9)	3.407	2247172	16.404 ug/ml
2) T n-Decane (C10)	4.666	2435854	17.453 ug/ml
3) T A~Naphthalene (C11.7)	6.386	3115595	19.513 ug/ml
4) T n-Dodecane (C12)	6.842	2731651	19.032 ug/ml
5) T A~2-methylnaphthalene...	7.486	3152244	20.269 ug/ml
6) T n-Tetradecane (C14)	8.678	3002534	20.309 ug/ml
7) T n-Hexadecane (C16)	10.293	3354511	21.110 ug/ml
8) T n-Octadecane (C18)	11.742	3615618	21.346 ug/ml
10) T n-Eicosane (C20)	13.057	3544682	21.384 ug/ml
11) T n-Heneicosane (C21)	13.670	3446016	21.207 ug/ml
13) T n-Docosane (C22)	14.259	3391355	21.224 ug/ml
14) T n-Tetracosane (C24)	15.365	3227194	21.178 ug/ml
15) T n-Hexacosane (C26)	16.389	2987440	20.945 ug/ml
16) T n-Octacosane (C28)	17.341	2905686	20.858 ug/ml
17) T n-Tricontane (C30)	18.231	3085046	20.819 ug/ml
18) T n-Dotriacontane (C32)	19.064	3195597	21.418 ug/ml
19) T n-Tetratriacontane (C34)	19.850	3094953	21.880 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2794568	21.769 ug/ml
21) T n-Octatriacontane (C38)	21.363	2660678	20.258 ug/ml
22) T n-Tetracontane (C40)	22.345	2324665	19.540 ug/ml

(f)=RT Delta > 1/2 Window

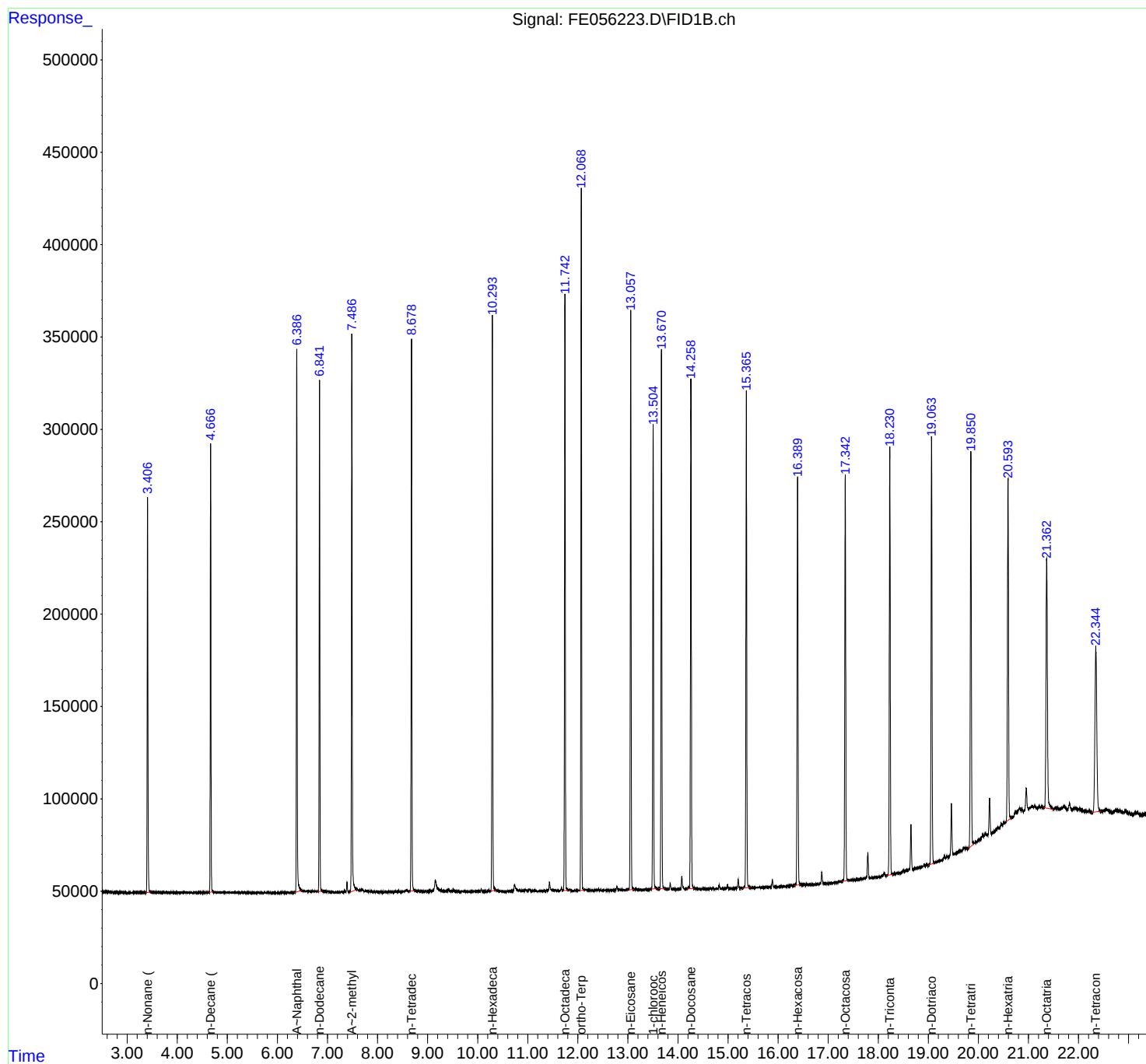
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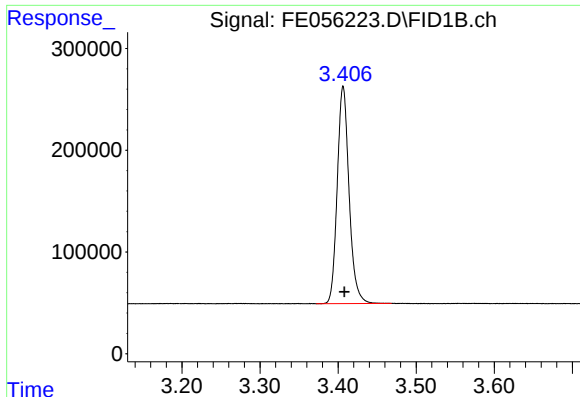
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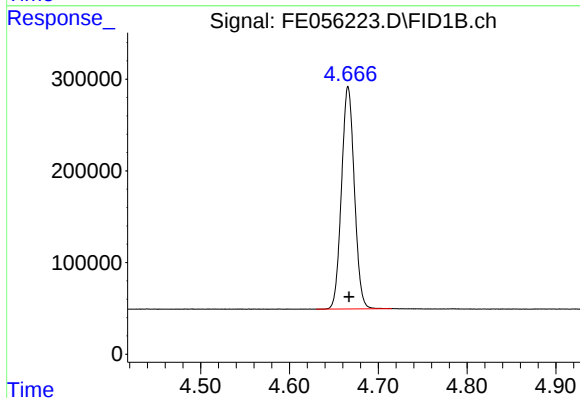




#1 n-Nonane (C9)

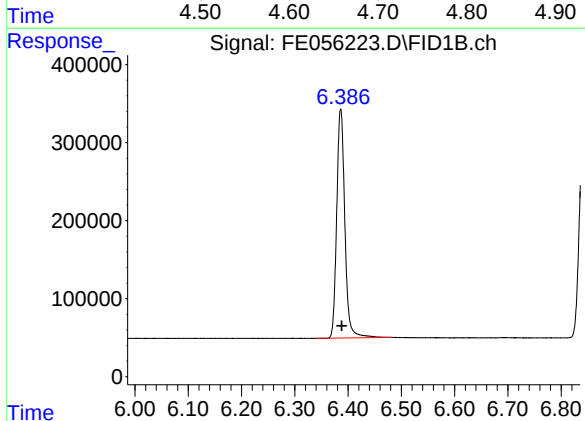
R.T.: 3.407 min
Delta R.T.: -0.001 min
Response: 2247172
Conc: 16.40 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



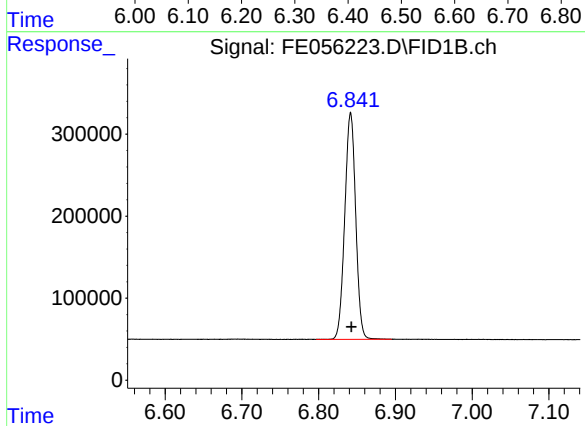
#2 n-Decane (C10)

R.T.: 4.666 min
Delta R.T.: -0.001 min
Response: 2435854
Conc: 17.45 ug/ml



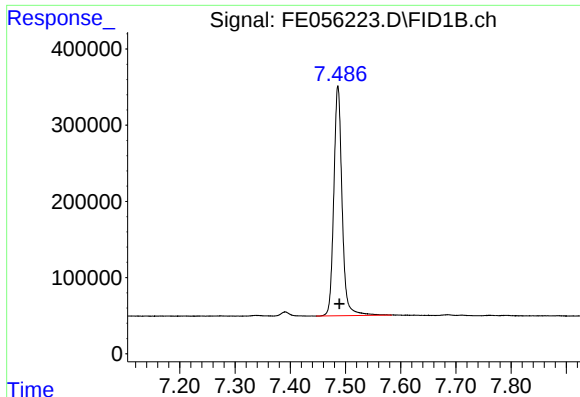
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 3115595
Conc: 19.51 ug/ml



#4 n-Dodecane (C12)

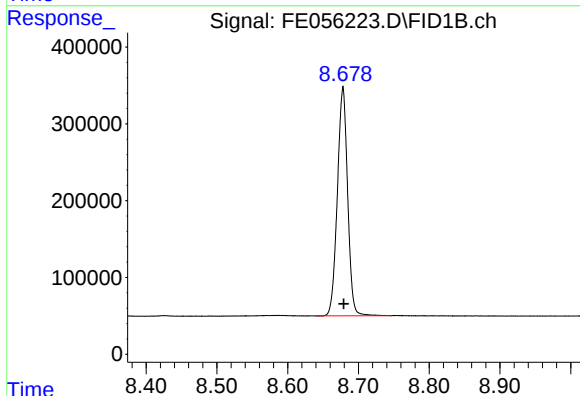
R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 2731651
Conc: 19.03 ug/ml



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

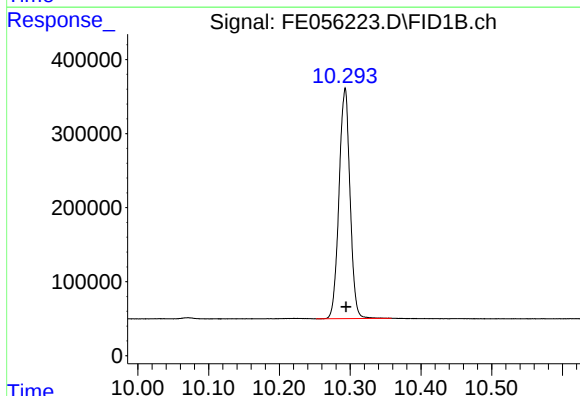
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 3152244
Conc: 20.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



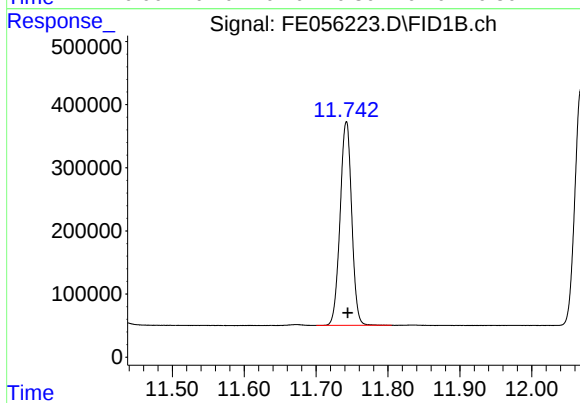
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.001 min
Response: 3002534
Conc: 20.31 ug/ml



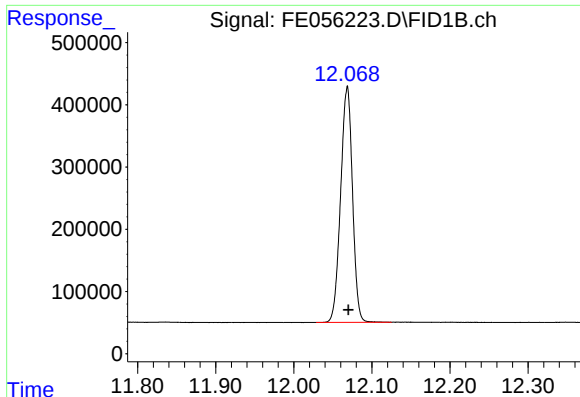
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.002 min
Response: 3354511
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

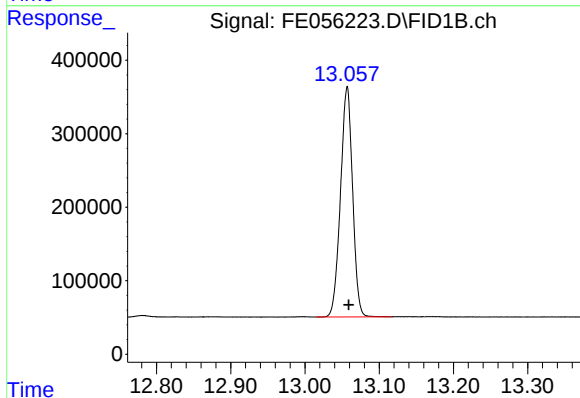
R.T.: 11.742 min
Delta R.T.: -0.002 min
Response: 3615618
Conc: 21.35 ug/ml



#9 ortho-Terphenyl (SURR)

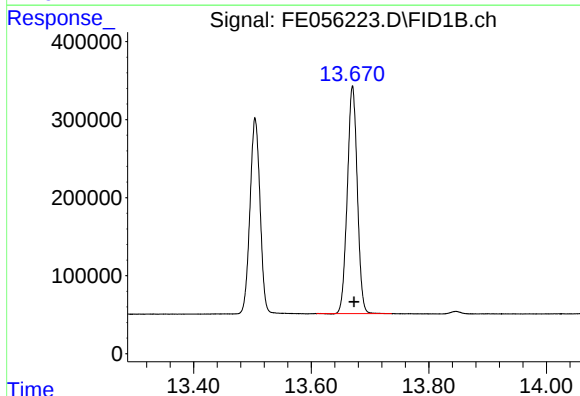
R.T.: 12.068 min
Delta R.T.: -0.002 min
Response: 4002652
Conc: 21.33 ug/ml

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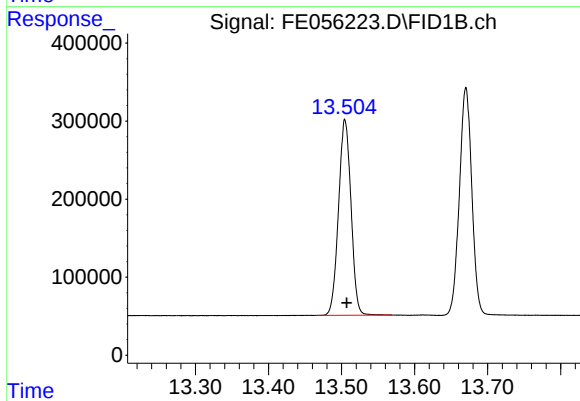
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.002 min
Response: 3544682
Conc: 21.38 ug/ml



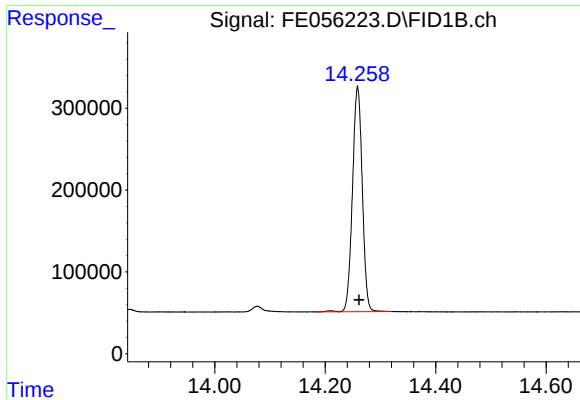
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 3446016
Conc: 21.21 ug/ml



#12 1-chlorooctadecane (SURR)

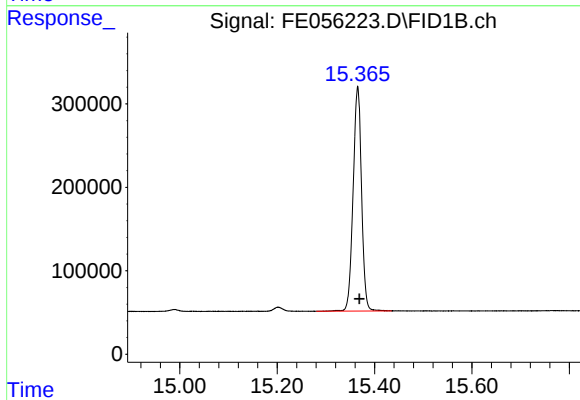
R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 2975008
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

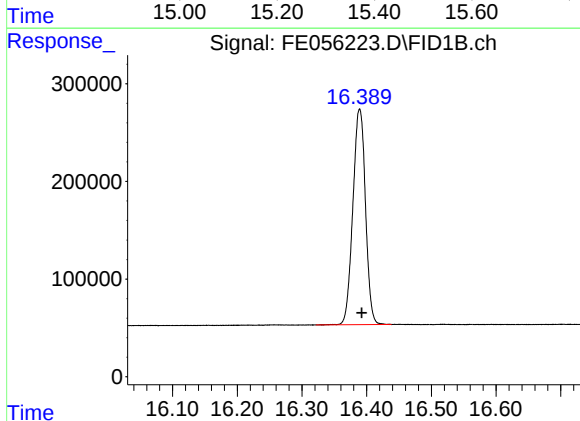
R.T.: 14.259 min
Delta R.T.: -0.003 min
Response: 3391355
Conc: 21.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



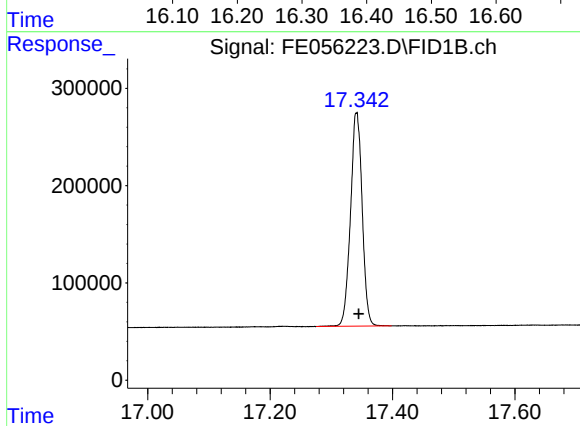
#14 n-Tetracosane (C24)

R.T.: 15.365 min
Delta R.T.: -0.003 min
Response: 3227194
Conc: 21.18 ug/ml



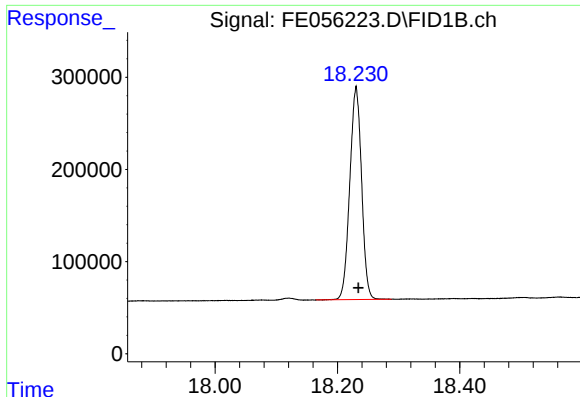
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: -0.004 min
Response: 2987440
Conc: 20.95 ug/ml



#16 n-Octacosane (C28)

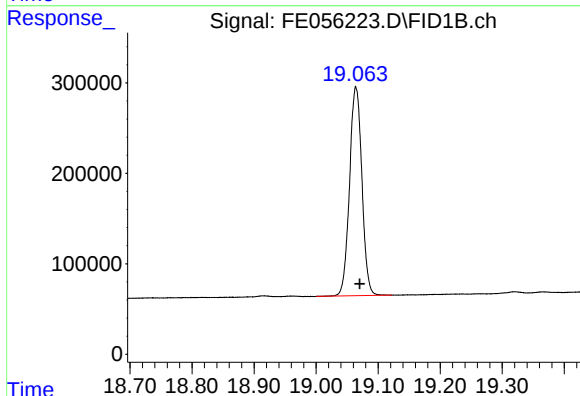
R.T.: 17.341 min
Delta R.T.: -0.003 min
Response: 2905686
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

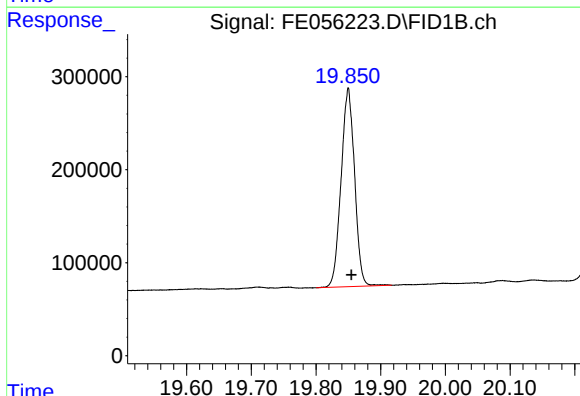
R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 3085046
Conc: 20.82 ug/ml

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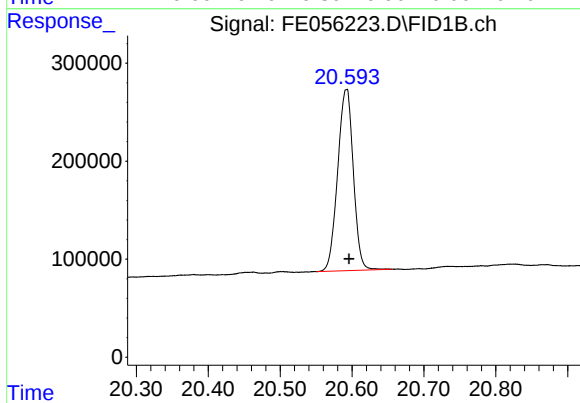
#18 n-Dotriacontane (C32)

R.T.: 19.064 min
Delta R.T.: -0.006 min
Response: 3195597
Conc: 21.42 ug/ml



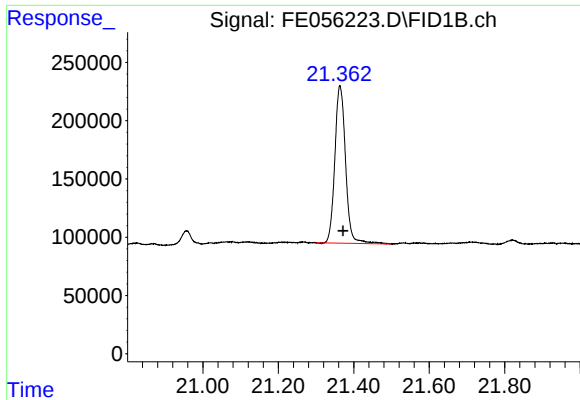
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.005 min
Response: 3094953
Conc: 21.88 ug/ml



#20 n-Hexatriacontane (C36)

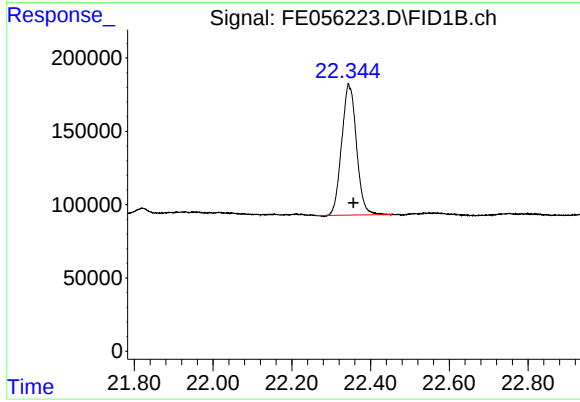
R.T.: 20.592 min
Delta R.T.: -0.004 min
Response: 2794568
Conc: 21.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.008 min
Response: 2660678
Conc: 20.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.345 min
Delta R.T.: -0.012 min
Response: 2324665
Conc: 19.54 ug/ml