

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112625AL\
 Data File : FE057038.D
 Signal(s) : FID1B.ch
 Acq On : 26 Nov 2025 09:59
 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 26 11:35:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.941	3994991	19.123 ug/ml
Spiked Amount 50.000		Recovery =	38.25%
12) S 1-chlorooctadecane (S...	13.378	3052356	18.945 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.302	3376070	20.100 ug/ml
2) T n-Decane (C10)	4.554	3610923	21.043 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3619717	19.610 ug/ml
4) T n-Dodecane (C12)	6.726	3690349	21.217 ug/ml
5) T A~2-methylnaphthalene...	7.370	3423723	19.319 ug/ml
6) T n-Tetradecane (C14)	8.559	3659102	20.963 ug/ml
7) T n-Hexadecane (C16)	10.171	3730591	20.391 ug/ml
8) T n-Octadecane (C18)	11.618	3763760	19.886 ug/ml
10) T n-Eicosane (C20)	12.931	3577689	19.197 ug/ml
11) T n-Heneicosane (C21)	13.544	3501732	19.043 ug/ml
13) T n-Docosane (C22)	14.132	3509062	18.745 ug/ml
14) T n-Tetracosane (C24)	15.238	3505260	17.896 ug/ml
15) T n-Hexacosane (C26)	16.262	3466012	17.835 ug/ml
16) T n-Octacosane (C28)	17.214	3553335	18.348 ug/ml
17) T n-Tricontane (C30)	18.104	3839030	19.148 ug/ml
18) T n-Dotriacontane (C32)	18.939	3951829	20.096 ug/ml
19) T n-Tetratriacontane (C34)	19.724	3651670	21.156 ug/ml
20) T n-Hexatriacontane (C36)	20.464	3190845	22.058 ug/ml
21) T n-Octatriacontane (C38)	21.211	2965696	23.563 ug/ml
22) T n-Tetracontane (C40)	22.141	2879380	24.905 ug/ml

(f)=RT Delta > 1/2 Window

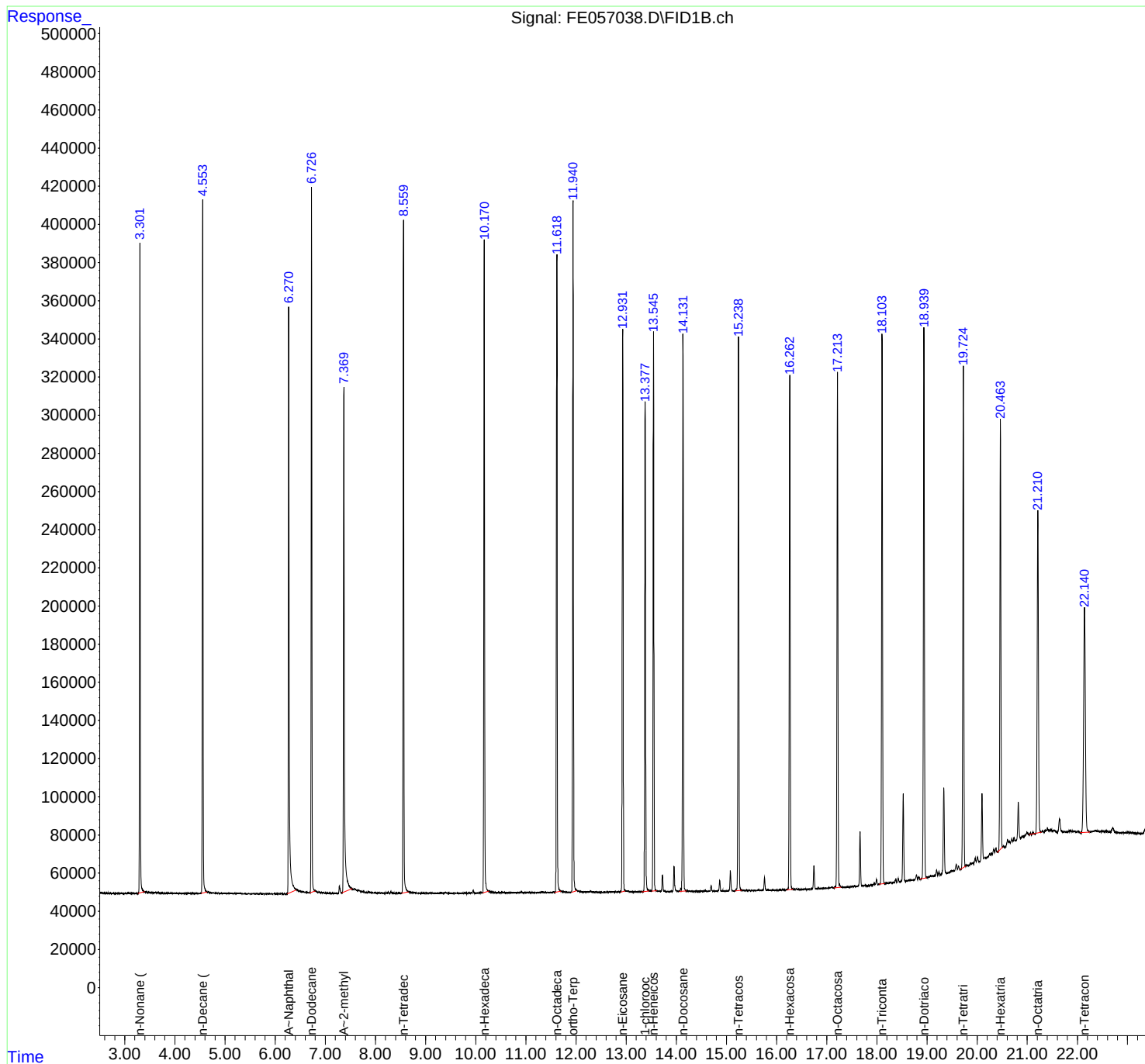
(m)=manual int.

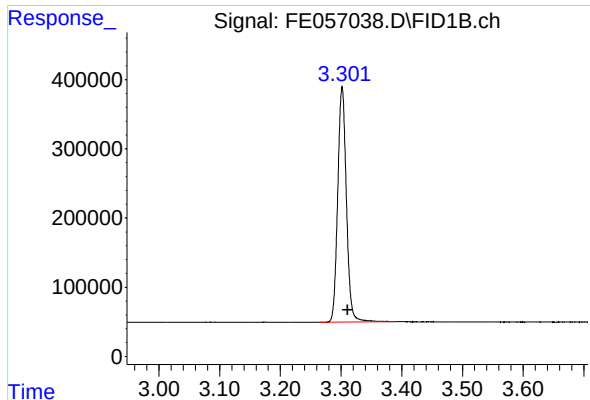
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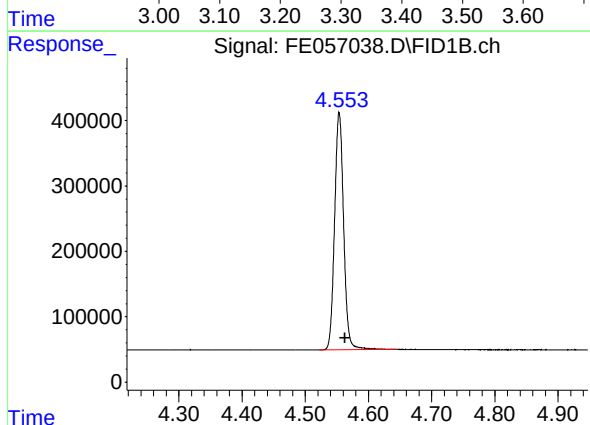




#1 n-Nonane (C9)

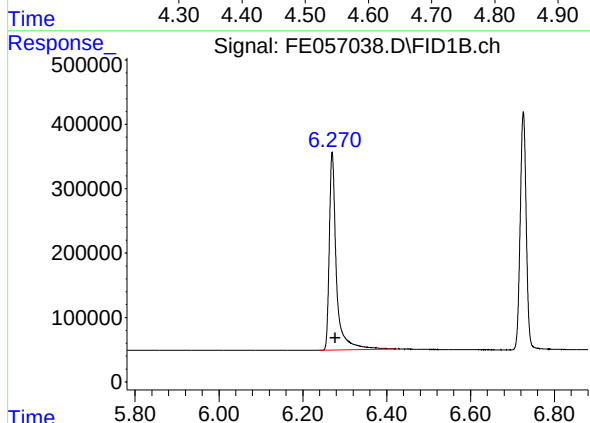
R.T.: 3.302 min
Delta R.T.: -0.009 min
Response: 3376070
Conc: 20.10 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



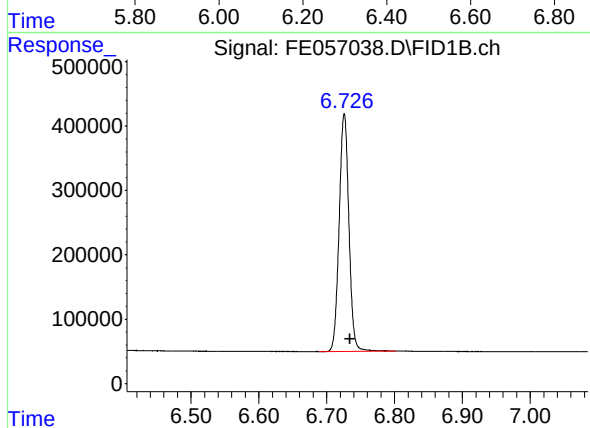
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.009 min
Response: 3610923
Conc: 21.04 ug/ml



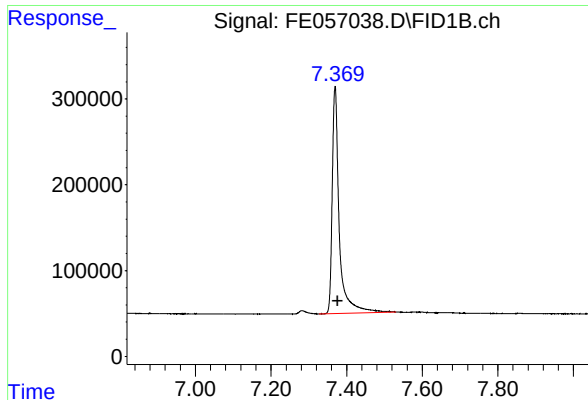
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: -0.007 min
Response: 3619717
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

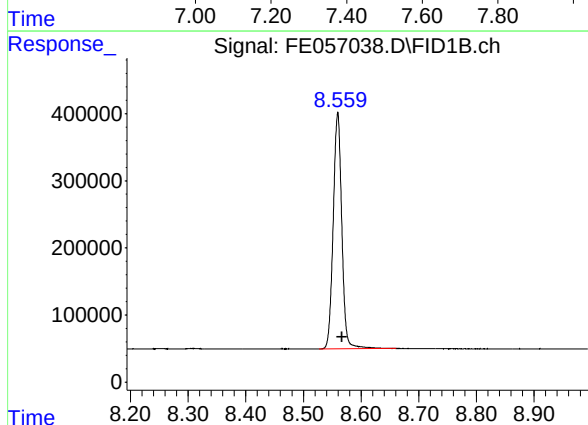
R.T.: 6.726 min
Delta R.T.: -0.008 min
Response: 3690349
Conc: 21.22 ug/ml



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

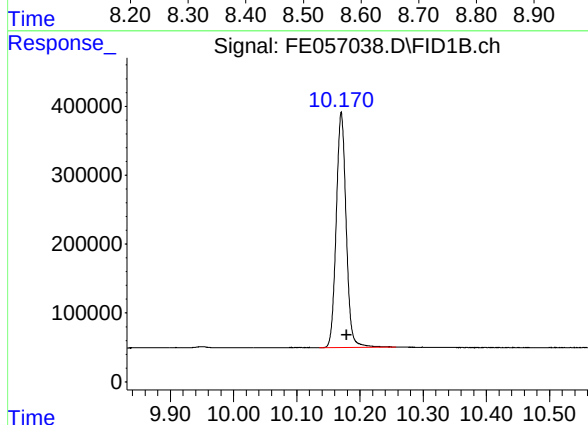
R.T.: 7.370 min
Delta R.T.: -0.007 min
Response: 3423723
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



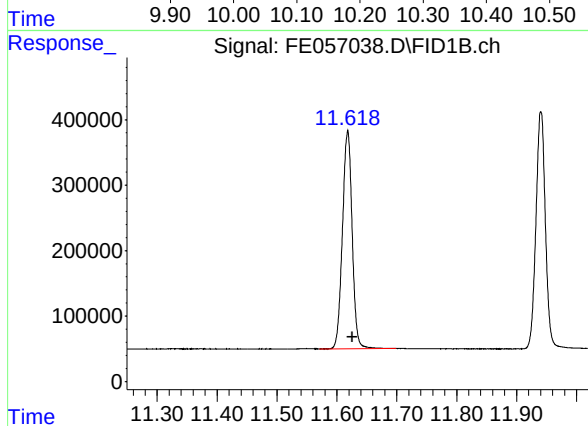
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 3659102
Conc: 20.96 ug/ml



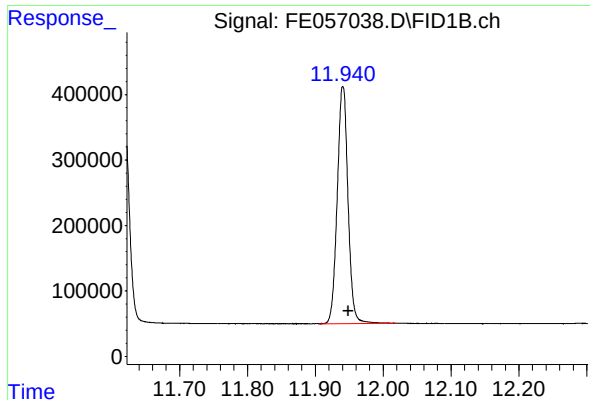
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.008 min
Response: 3730591
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

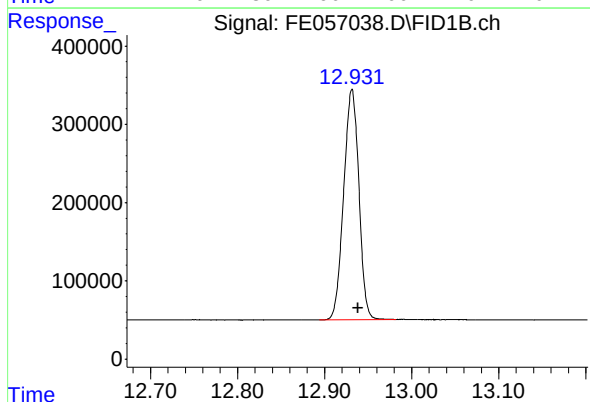
R.T.: 11.618 min
Delta R.T.: -0.008 min
Response: 3763760
Conc: 19.89 ug/ml



#9 ortho-Terphenyl (SURR)

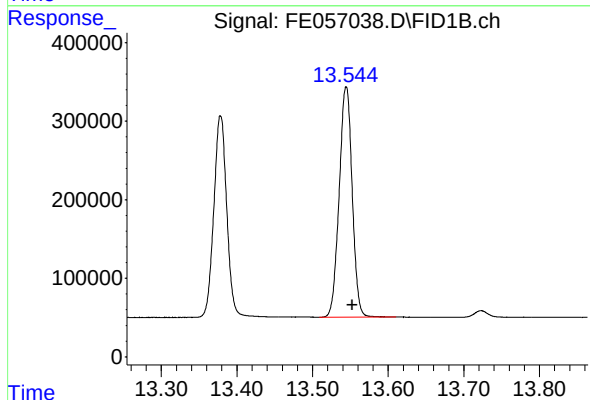
R.T.: 11.941 min
Delta R.T.: -0.008 min
Response: 3994991
Conc: 19.12 ug/ml

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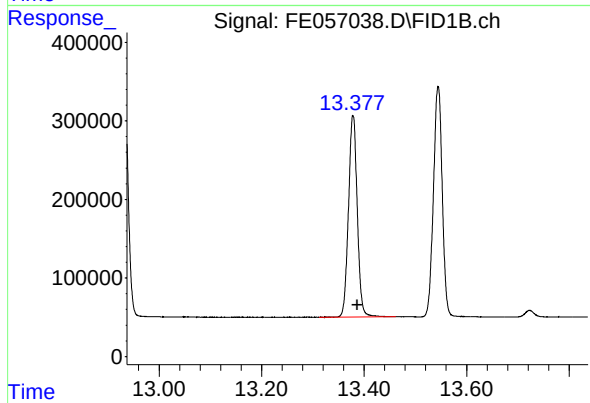
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.007 min
Response: 3577689
Conc: 19.20 ug/ml



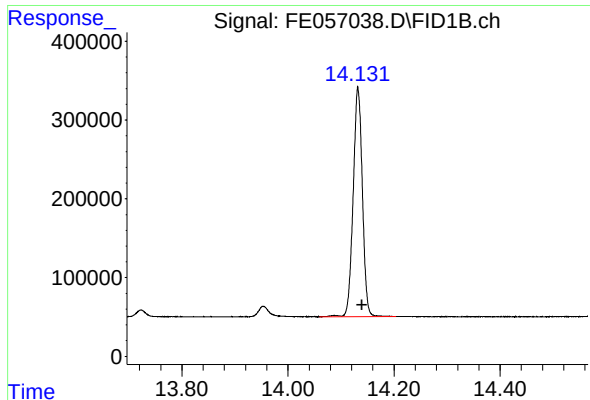
#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.008 min
Response: 3501732
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

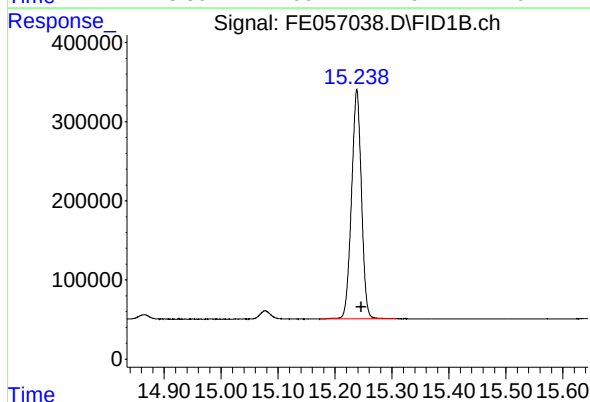
R.T.: 13.378 min
Delta R.T.: -0.008 min
Response: 3052356
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

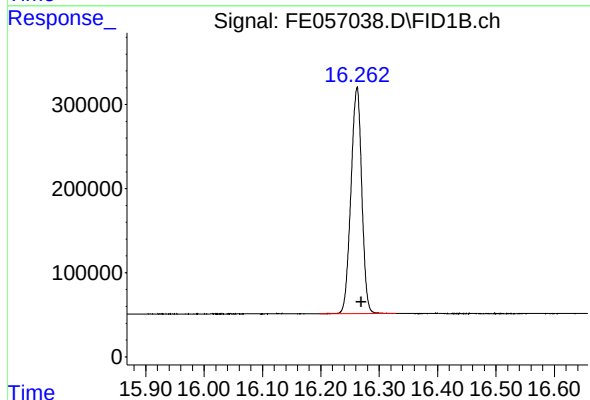
R.T.: 14.132 min
Delta R.T.: -0.008 min
Response: 3509062
Conc: 18.74 ug/ml

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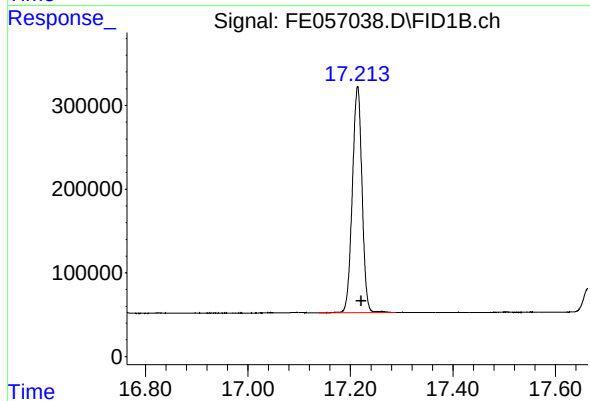
#14 n-Tetracosane (C24)

R.T.: 15.238 min
Delta R.T.: -0.008 min
Response: 3505260
Conc: 17.90 ug/ml



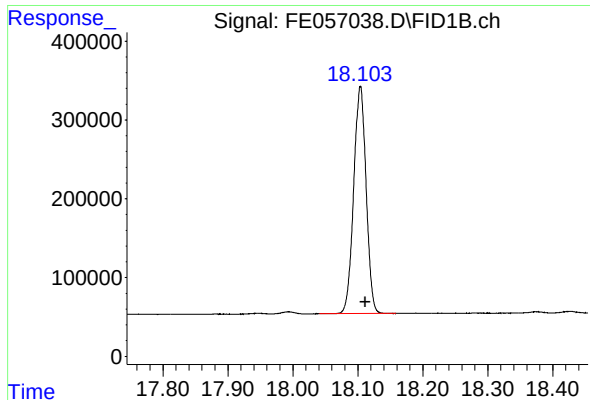
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.008 min
Response: 3466012
Conc: 17.83 ug/ml



#16 n-Octacosane (C28)

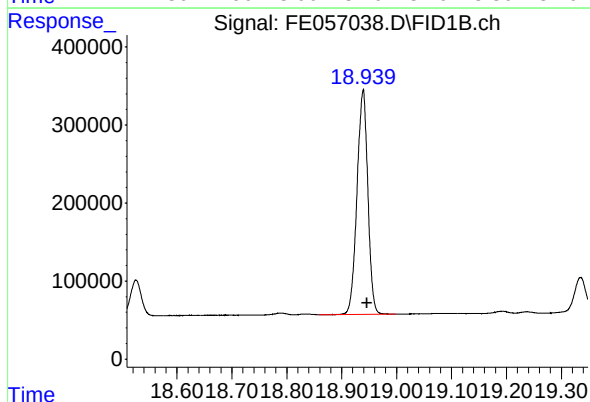
R.T.: 17.214 min
Delta R.T.: -0.007 min
Response: 3553335
Conc: 18.35 ug/ml



#17 n-Tricontane (C30)

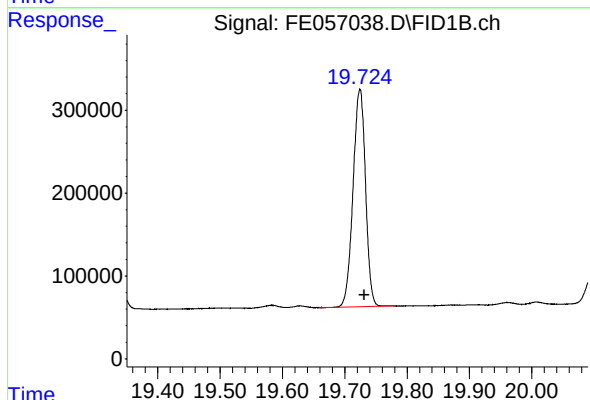
R.T.: 18.104 min
Delta R.T.: -0.008 min
Response: 3839030
Conc: 19.15 ug/ml

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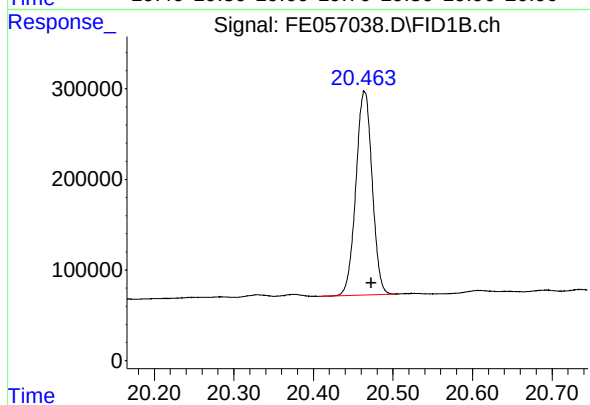
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.007 min
Response: 3951829
Conc: 20.10 ug/ml



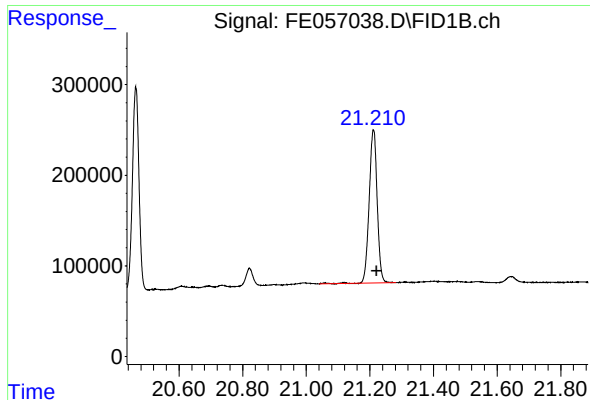
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.007 min
Response: 3651670
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

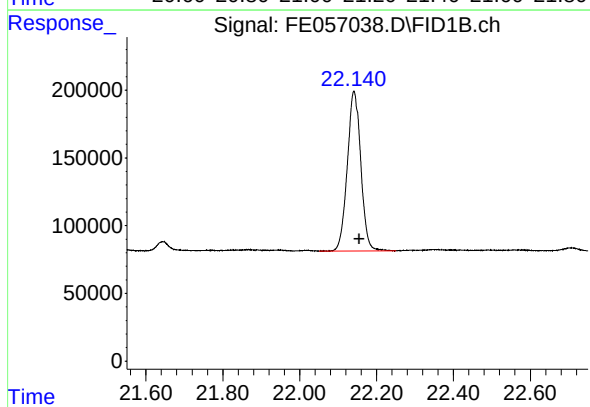
R.T.: 20.464 min
Delta R.T.: -0.008 min
Response: 3190845
Conc: 22.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.011 min
Response: 2965696
Conc: 23.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.014 min
Response: 2879380
Conc: 24.91 ug/ml