

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054958.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 13:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 23 04:29:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.090	3271132	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.526	2475011	19.597 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.426	2637843	19.611 ug/ml
2) T n-Decane (C10)	4.684	2745745	20.123 ug/ml
3) T A~Naphthalene (C11.7)	6.404	3140838	20.744 ug/ml
4) T n-Dodecane (C12)	6.860	2820505	20.557 ug/ml
5) T A~2-methylnaphthalene...	7.505	3064247	20.845 ug/ml
6) T n-Tetradecane (C14)	8.697	2877142	20.755 ug/ml
7) T n-Hexadecane (C16)	10.313	2974265	20.871 ug/ml
8) T n-Octadecane (C18)	11.762	3001505	20.480 ug/ml
10) T n-Eicosane (C20)	13.077	2866399	19.934 ug/ml
11) T n-Heneicosane (C21)	13.691	2811605	19.685 ug/ml
13) T n-Docosane (C22)	14.280	2788099	19.526 ug/ml
14) T n-Tetracosane (C24)	15.386	2781753	19.136 ug/ml
15) T n-Hexacosane (C26)	16.409	2736992	18.913 ug/ml
16) T n-Octacosane (C28)	17.362	2729556	18.729 ug/ml
17) T n-Tricontane (C30)	18.251	2897269	18.386 ug/ml
18) T n-Dotriacontane (C32)	19.087	2926461	18.088 ug/ml
19) T n-Tetratriacontane (C34)	19.871	2750511	18.049 ug/ml
20) T n-Hexatriacontane (C36)	20.612	2501084	18.602 ug/ml
21) T n-Octatriacontane (C38)	21.392	2600680	22.174 ug/ml
22) T n-Tetracontane (C40)	22.388	2307060	21.286 ug/ml

(f)=RT Delta > 1/2 Window

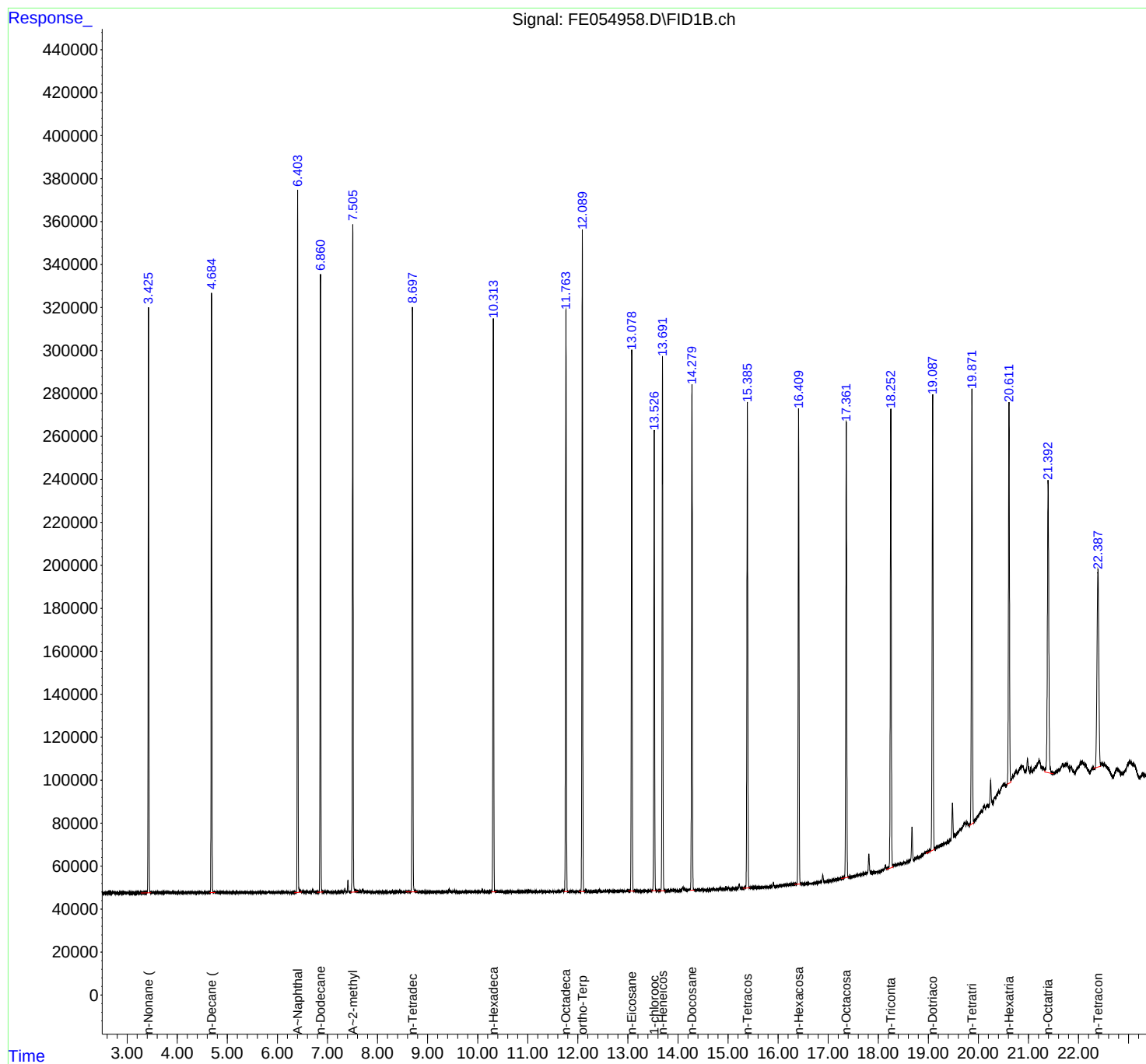
(m)=manual int.

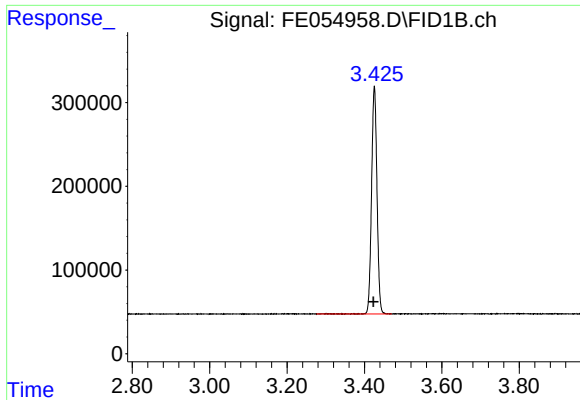
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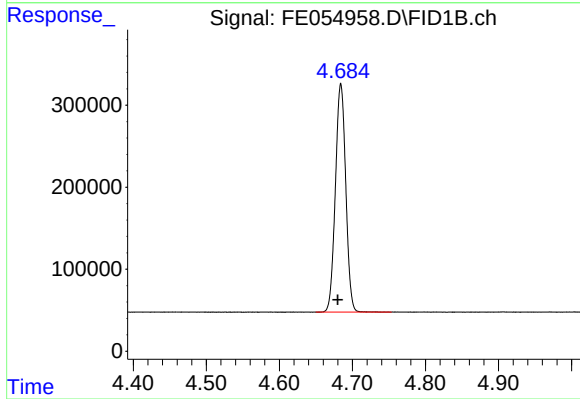




#1 n-Nonane (C9)

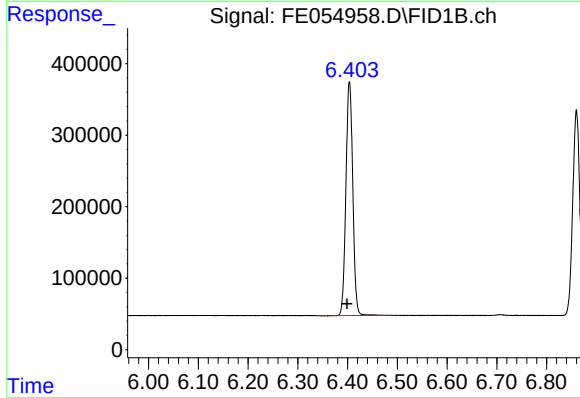
R.T.: 3.426 min
Delta R.T.: 0.003 min
Response: 2637843
Conc: 19.61 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



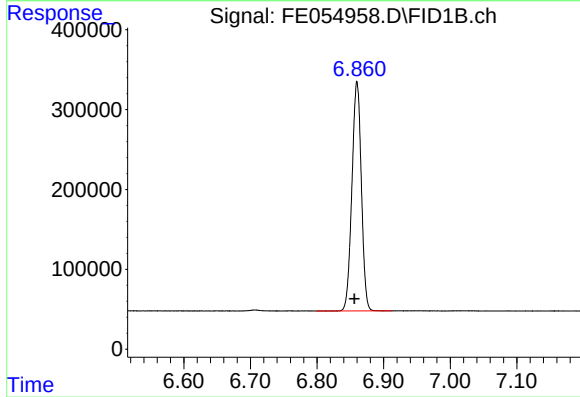
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 2745745
Conc: 20.12 ug/ml



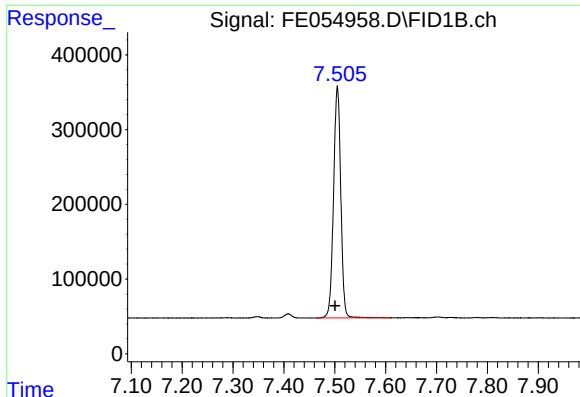
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 3140838
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

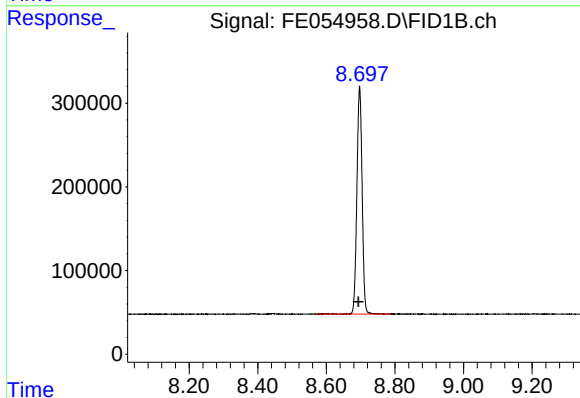
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 2820505
Conc: 20.56 ug/ml



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

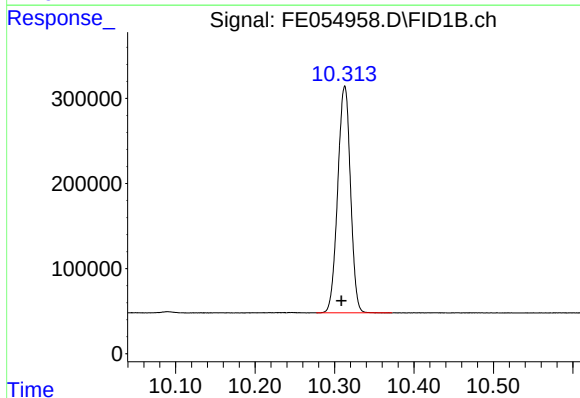
R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 3064247
Conc: 20.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



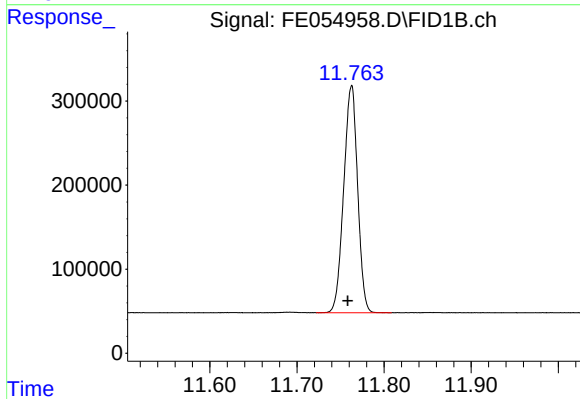
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 2877142
Conc: 20.75 ug/ml



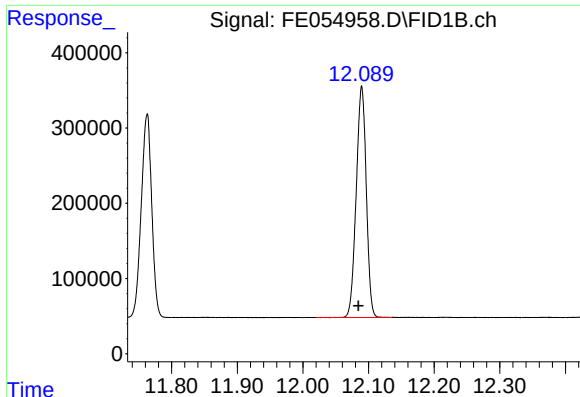
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.004 min
Response: 2974265
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

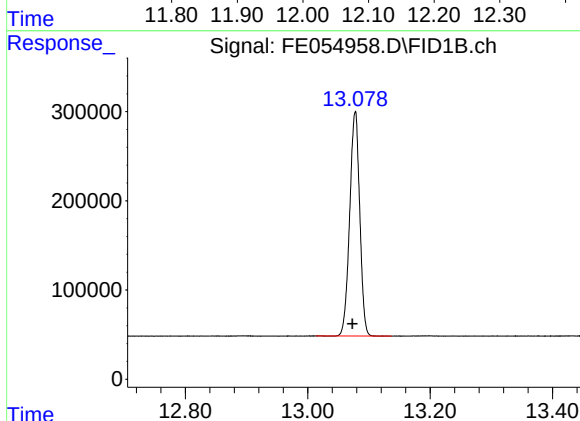
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 3001505
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

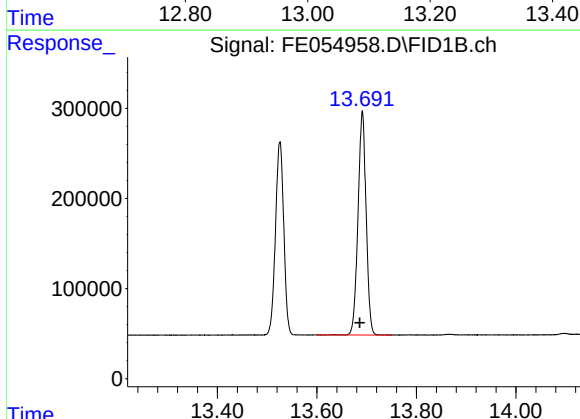
R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 3271132
Conc: 20.14 ug/ml

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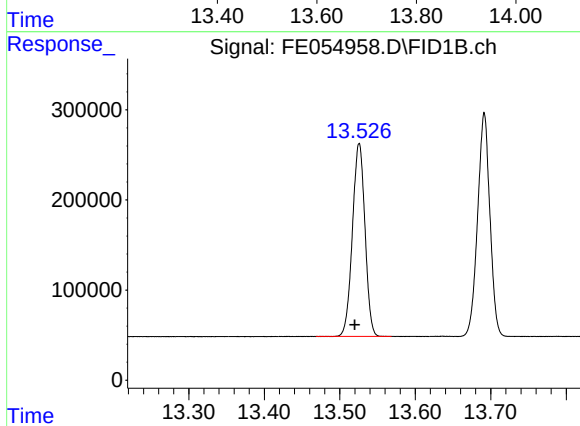
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.005 min
Response: 2866399
Conc: 19.93 ug/ml



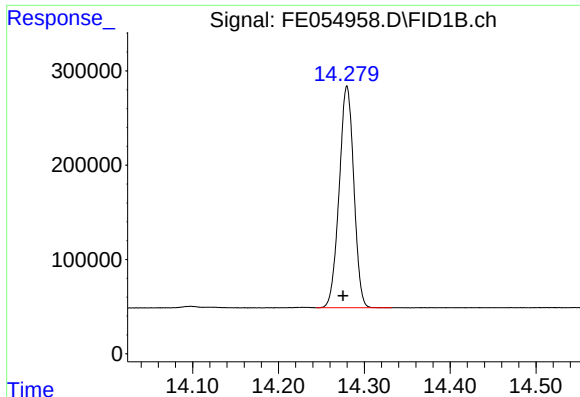
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 2811605
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

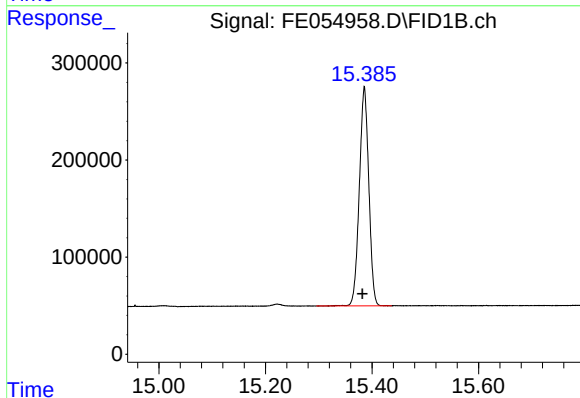
R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 2475011
Conc: 19.60 ug/ml



#13 n-Docosane (C22)

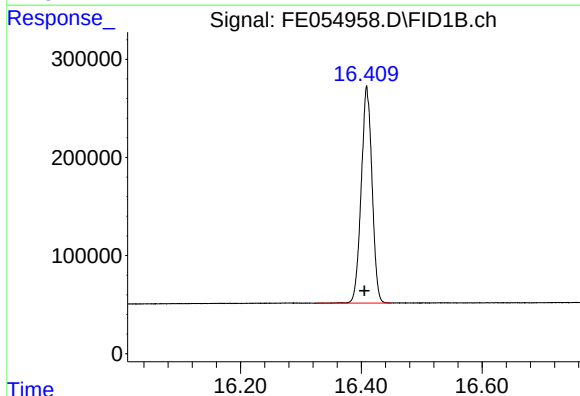
R.T.: 14.280 min
Delta R.T.: 0.004 min
Response: 2788099
Conc: 19.53 ug/ml

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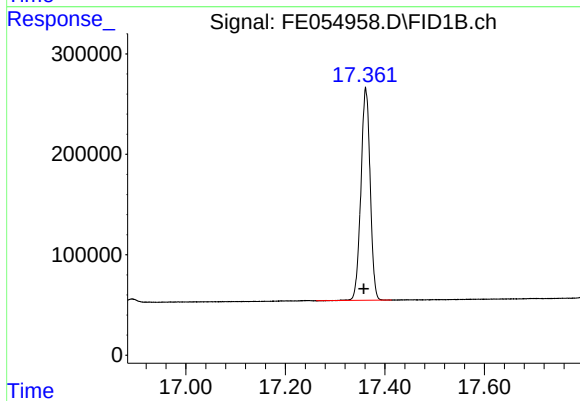
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.003 min
Response: 2781753
Conc: 19.14 ug/ml



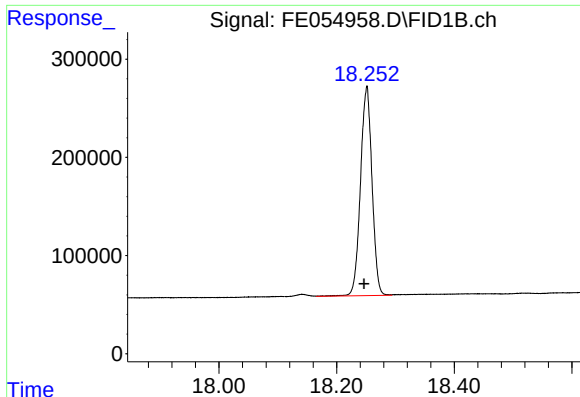
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 2736992
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

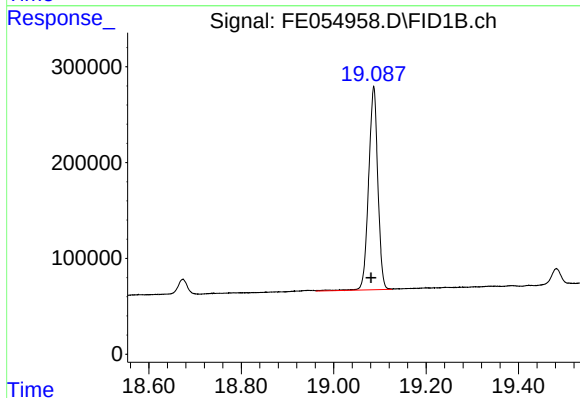
R.T.: 17.362 min
Delta R.T.: 0.004 min
Response: 2729556
Conc: 18.73 ug/ml



#17 n-Tricontane (C30)

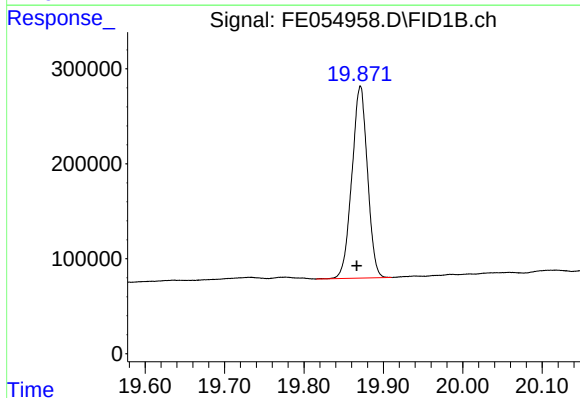
R.T.: 18.251 min
Delta R.T.: 0.005 min
Response: 2897269
Conc: 18.39 ug/ml

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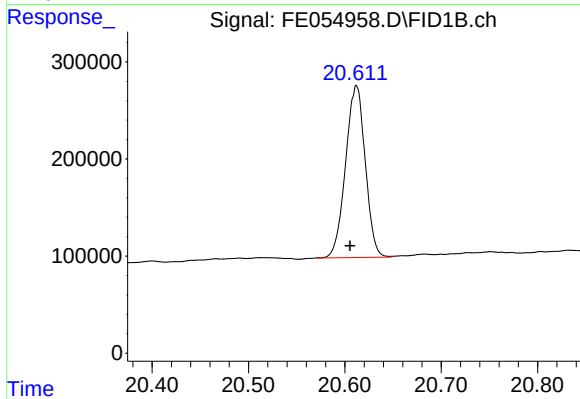
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 2926461
Conc: 18.09 ug/ml



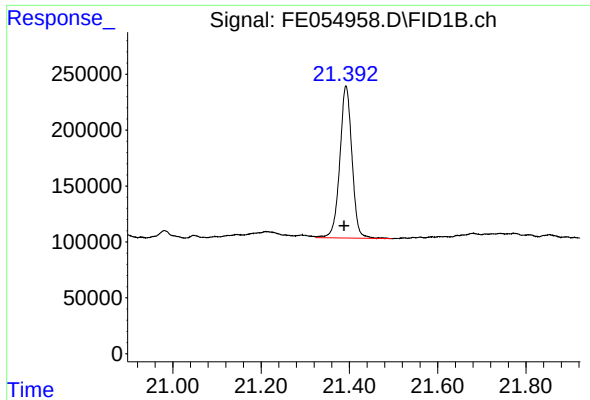
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 2750511
Conc: 18.05 ug/ml



#20 n-Hexatriacontane (C36)

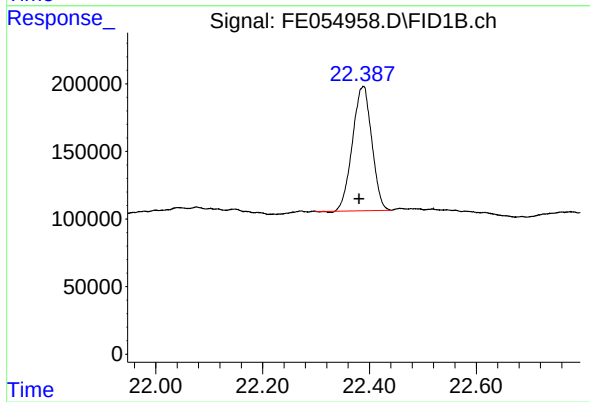
R.T.: 20.612 min
Delta R.T.: 0.006 min
Response: 2501084
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.005 min
Response: 2600680
Conc: 22.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: 0.007 min
Response: 2307060
Conc: 21.29 ug/ml