

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AL\
 Data File : FG016435.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 12:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 28 13:25:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.076	2654163	20.048 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	13.521	2016531	20.033 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T n-Nonane (C9)	3.394	2251661	19.903 ug/ml
2) T n-Decane (C10)	4.656	2298275	19.966 ug/ml
3) T A~Naphthalene (C11.7)	6.376	2502666	20.154 ug/ml
4) T n-Dodecane (C12)	6.837	2318387	19.985 ug/ml
5) T A~2-methylnaphthalene...	7.479	2407670	20.184 ug/ml
6) T n-Tetradecane (C14)	8.678	2303247	19.962 ug/ml
7) T n-Hexadecane (C16)	10.297	2386316	19.992 ug/ml
8) T n-Octadecane (C18)	11.751	2420933	20.037 ug/ml
10) T n-Eicosane (C20)	13.071	2336165	20.026 ug/ml
11) T n-Heneicosane (C21)	13.688	2299964	20.010 ug/ml
13) T n-Docosane (C22)	14.279	2291981	20.060 ug/ml
14) T n-Tetracosane (C24)	15.390	2279169	20.037 ug/ml
15) T n-Hexacosane (C26)	16.420	2228095	20.066 ug/ml
16) T n-Octacosane (C28)	17.375	2167322	20.048 ug/ml
17) T n-Tricontane (C30)	18.269	2200081	20.143 ug/ml
18) T n-Dotriacontane (C32)	19.107	2127055	20.231 ug/ml
19) T n-Tetratriacontane (C34)	19.895	1939747	20.199 ug/ml
20) T n-Hexatriacontane (C36)	20.641	1681090	20.103 ug/ml
21) T n-Octatriacontane (C38)	21.428	1535681	19.944 ug/ml
22) T n-Tetracontane (C40)	22.428	1459350	19.643 ug/ml

(f)=RT Delta > 1/2 Window

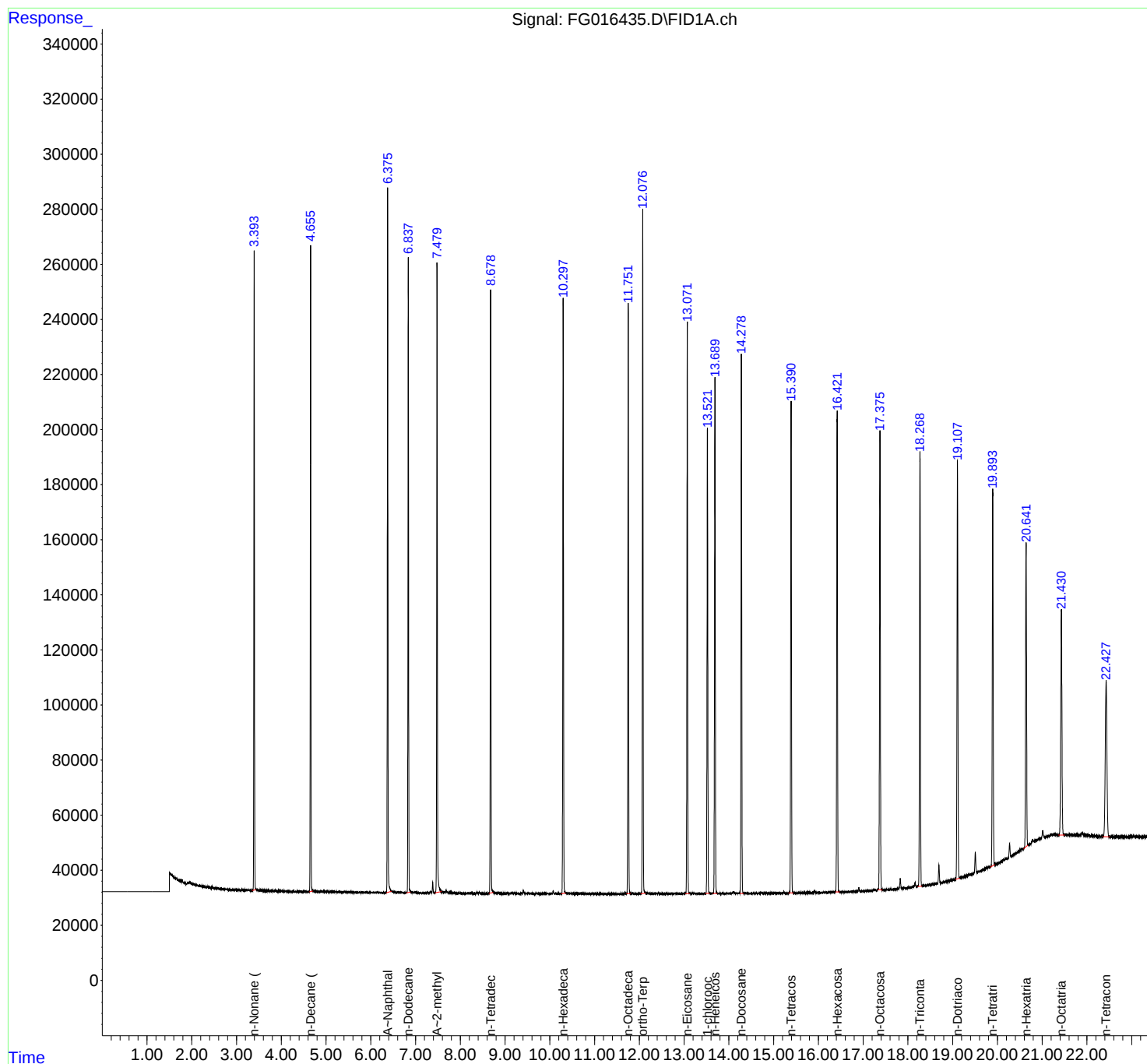
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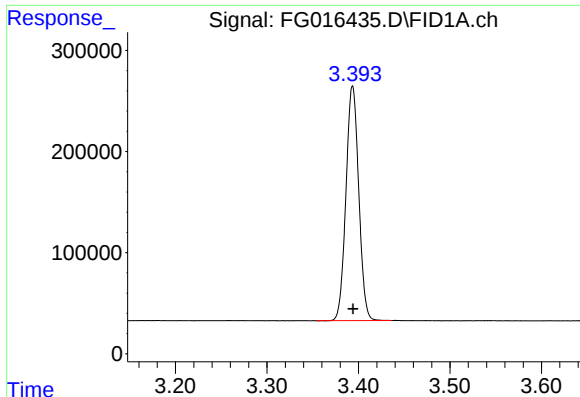
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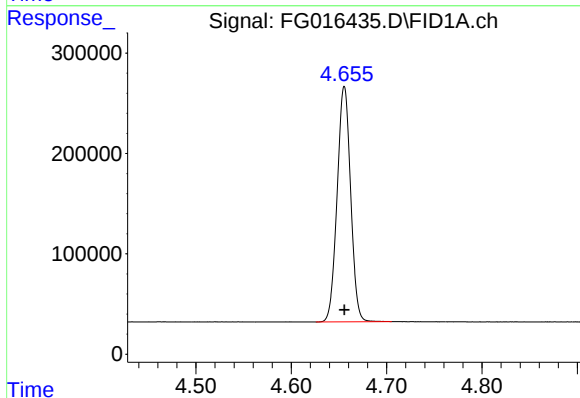




#1 n-Nonane (C9)

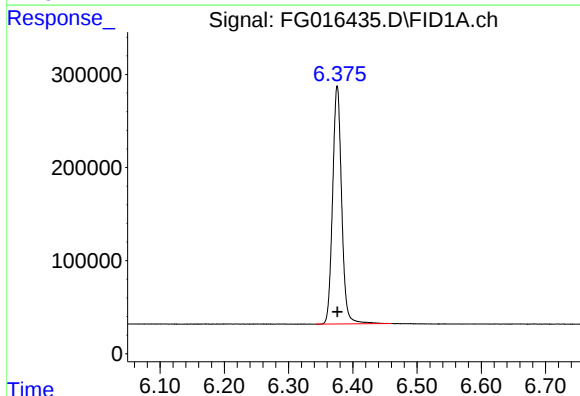
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 2251661
Conc: 19.90 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



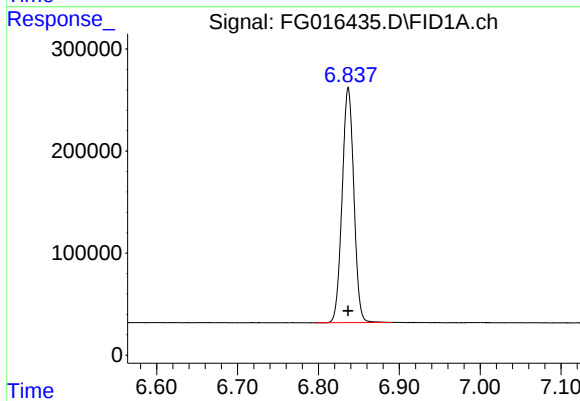
#2 n-Decane (C10)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 2298275
Conc: 19.97 ug/ml



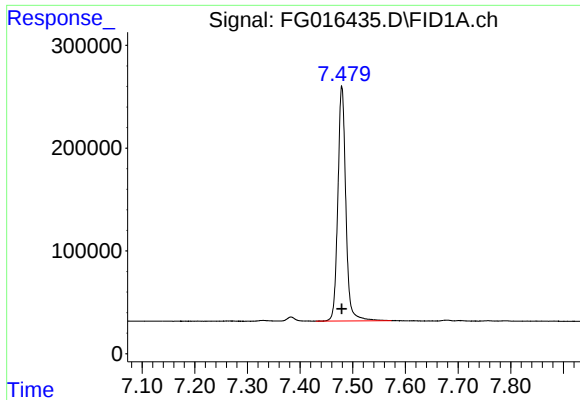
#3 A~Naphthalene (C11.7)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 2502666
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

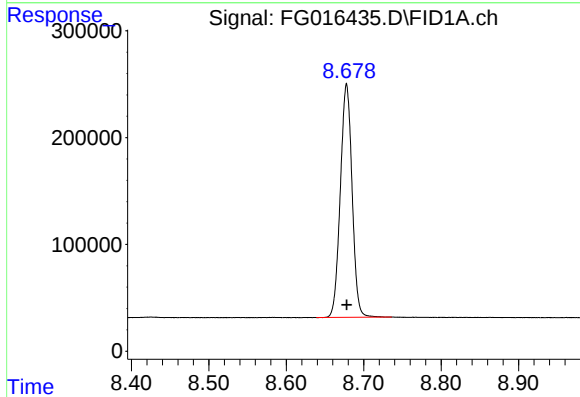
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 2318387
Conc: 19.98 ug/ml



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

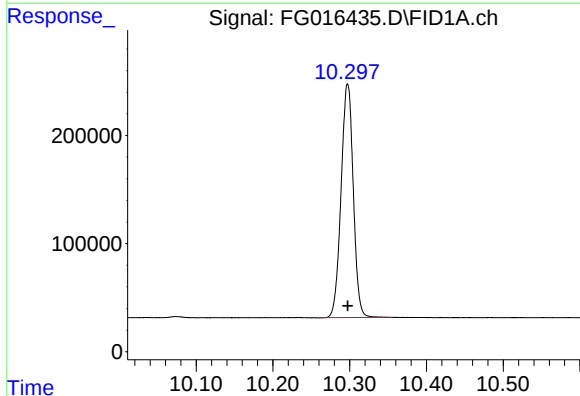
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 2407670
Conc: 20.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



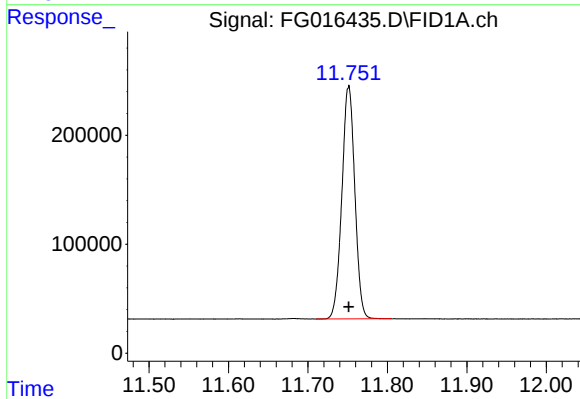
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2303247
Conc: 19.96 ug/ml



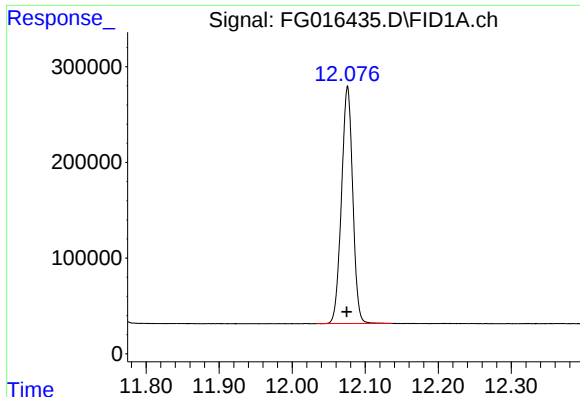
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 2386316
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

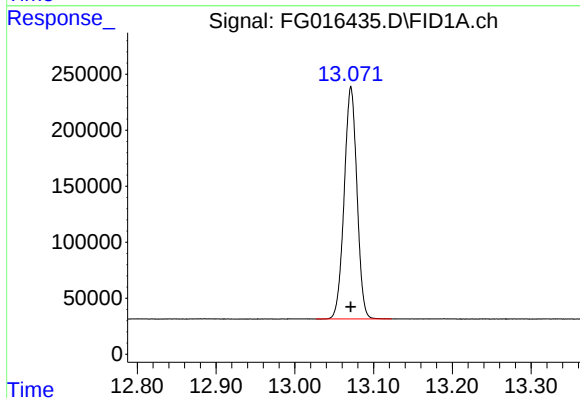
R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 2420933
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

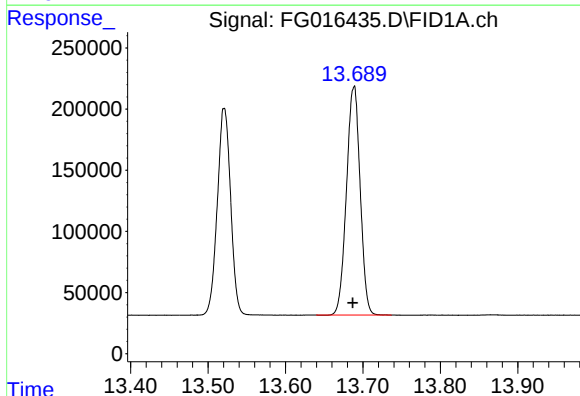
R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 2654163
Conc: 20.05 ug/ml

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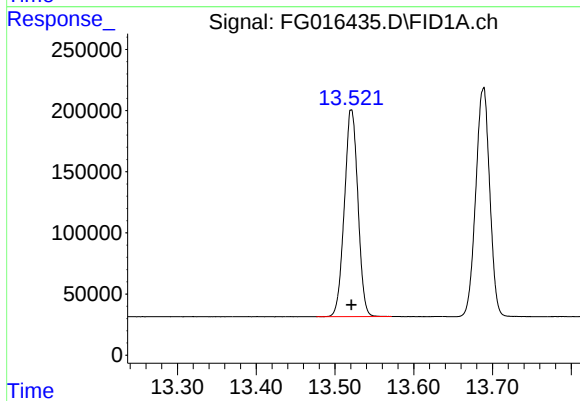
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 2336165
Conc: 20.03 ug/ml



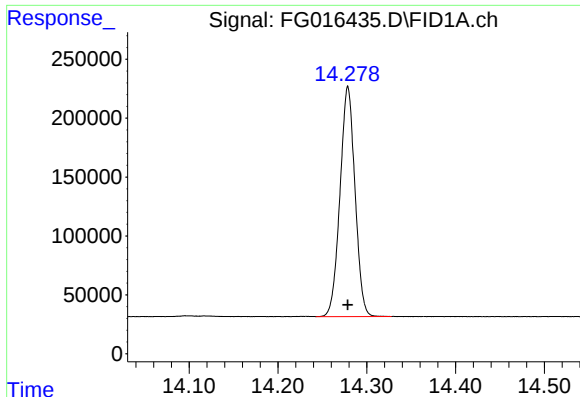
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.002 min
Response: 2299964
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

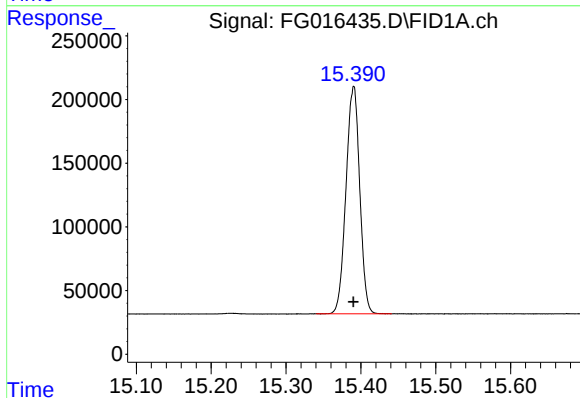
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2016531
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

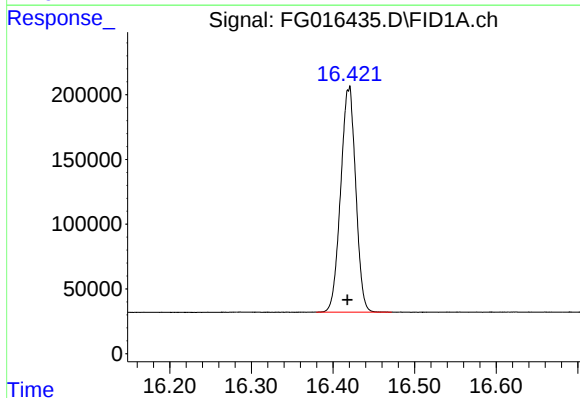
R.T.: 14.279 min
Delta R.T.: 0.000 min
Response: 2291981
Conc: 20.06 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



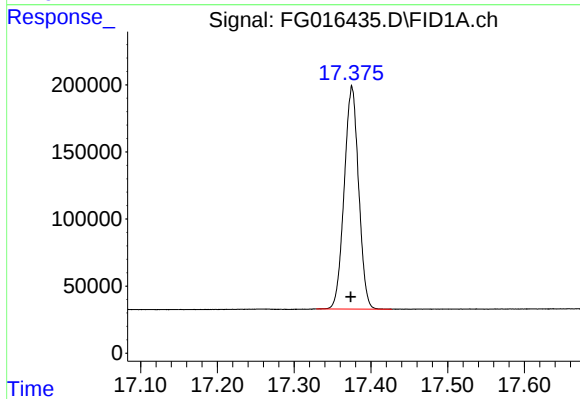
#14 n-Tetracosane (C24)

R.T.: 15.390 min
Delta R.T.: 0.000 min
Response: 2279169
Conc: 20.04 ug/ml



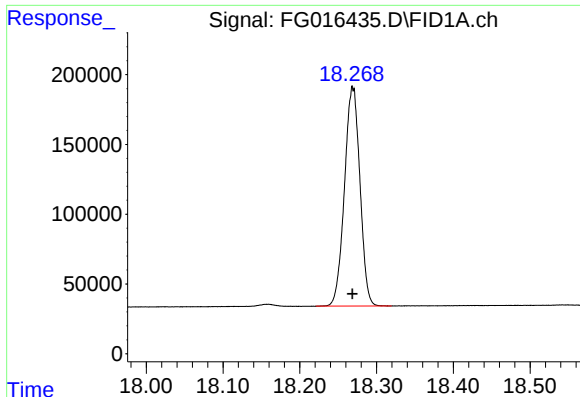
#15 n-Hexacosane (C26)

R.T.: 16.420 min
Delta R.T.: 0.002 min
Response: 2228095
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

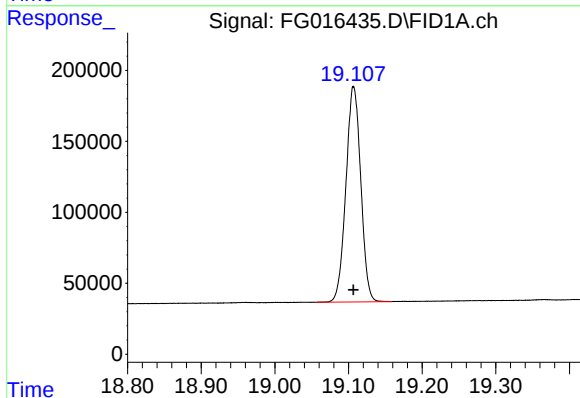
R.T.: 17.375 min
Delta R.T.: 0.002 min
Response: 2167322
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

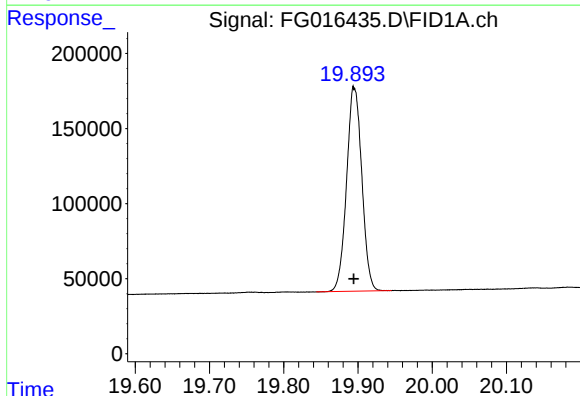
R.T.: 18.269 min
Delta R.T.: 0.000 min
Response: 2200081
Conc: 20.14 ug/ml

Instrument :
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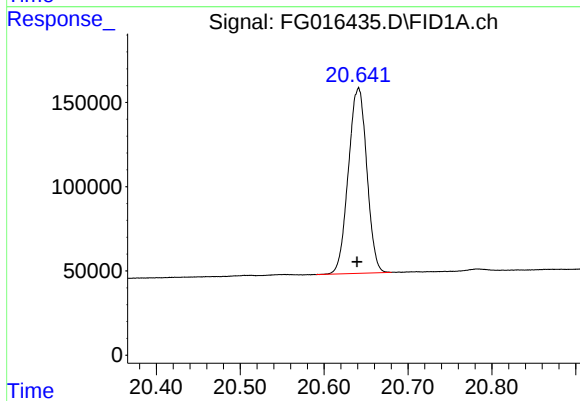
#18 n-Dotriacontane (C32)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 2127055
Conc: 20.23 ug/ml



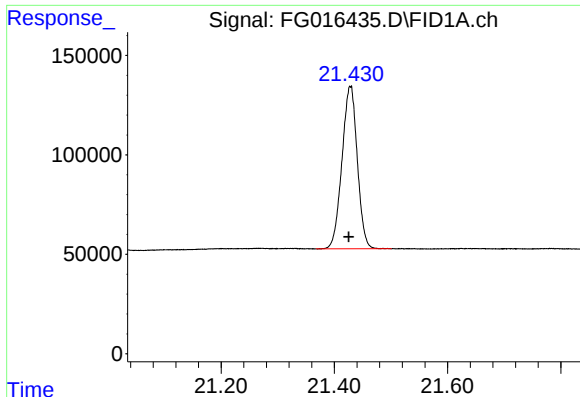
#19 n-Tetratriacontane (C34)

R.T.: 19.895 min
Delta R.T.: 0.000 min
Response: 1939747
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

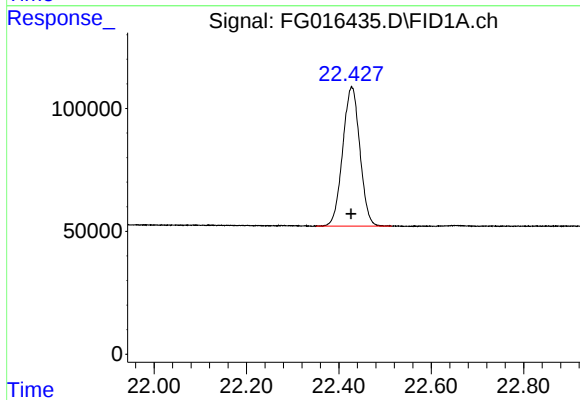
R.T.: 20.641 min
Delta R.T.: 0.002 min
Response: 1681090
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.428 min
Delta R.T.: 0.003 min
Response: 1535681
Conc: 19.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.428 min
Delta R.T.: 0.001 min
Response: 1459350
Conc: 19.64 ug/ml