

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016148.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 12:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 28 04:30:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.091	2731053	21.167 ug/ml
Spiked Amount 50.000		Recovery =	42.33%
12) S 1-chlorooctadecane (S...	13.534	2115161	20.991 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T n-Nonane (C9)	3.416	2248176	20.778 ug/ml
2) T n-Decane (C10)	4.676	2294754	20.920 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2511451	21.020 ug/ml
4) T n-Dodecane (C12)	6.855	2320762	21.077 ug/ml
5) T A~2-methylnaphthalene...	7.494	2452765	21.088 ug/ml
6) T n-Tetradecane (C14)	8.695	2326991	21.189 ug/ml
7) T n-Hexadecane (C16)	10.313	2411747	21.187 ug/ml
8) T n-Octadecane (C18)	11.767	2464681	21.171 ug/ml
10) T n-Eicosane (C20)	13.085	2402871	21.113 ug/ml
11) T n-Heneicosane (C21)	13.702	2385366	21.070 ug/ml
13) T n-Docosane (C22)	14.292	2391116	21.033 ug/ml
14) T n-Tetracosane (C24)	15.402	2416136	20.953 ug/ml
15) T n-Hexacosane (C26)	16.430	2400501	20.860 ug/ml
16) T n-Octacosane (C28)	17.385	2378673	20.959 ug/ml
17) T n-Tricontane (C30)	18.278	2460850	21.494 ug/ml
18) T n-Dotriacontane (C32)	19.114	2357182	21.620 ug/ml
19) T n-Tetratriacontane (C34)	19.902	2094960	21.175 ug/ml
20) T n-Hexatriacontane (C36)	20.645	1768498	20.835 ug/ml
21) T n-Octatriacontane (C38)	21.432	1563425	20.710 ug/ml
22) T n-Tetracontane (C40)	22.436	1441709	20.849 ug/ml

(f)=RT Delta > 1/2 Window

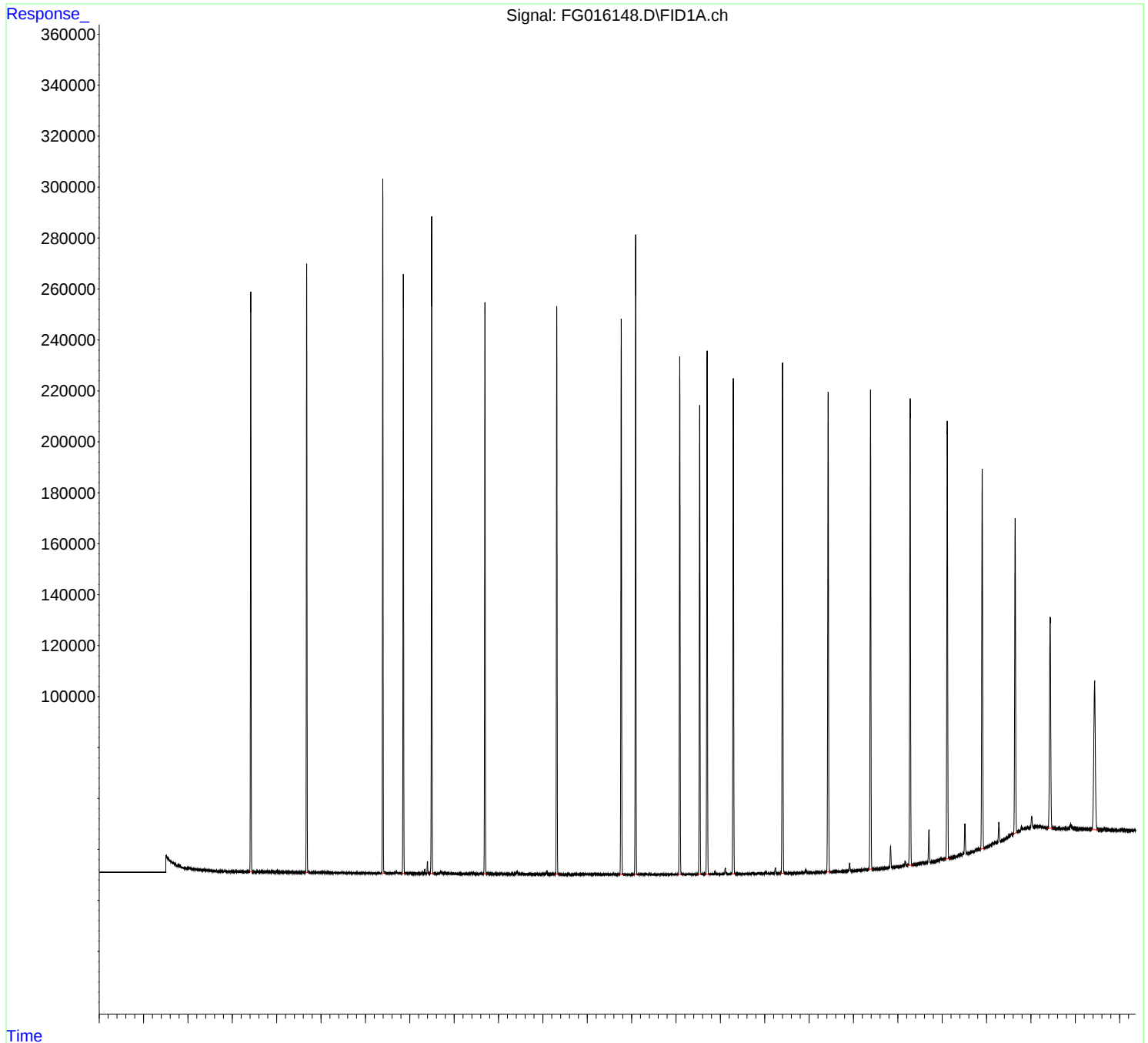
(m)=manual int.

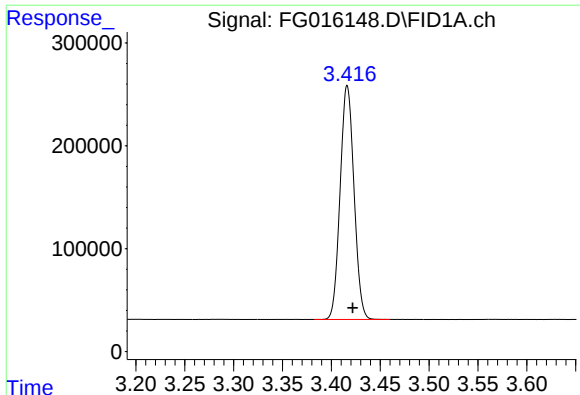
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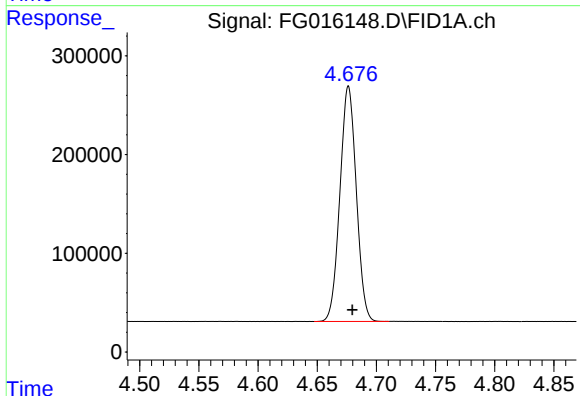




#1 n-Nonane (C9)

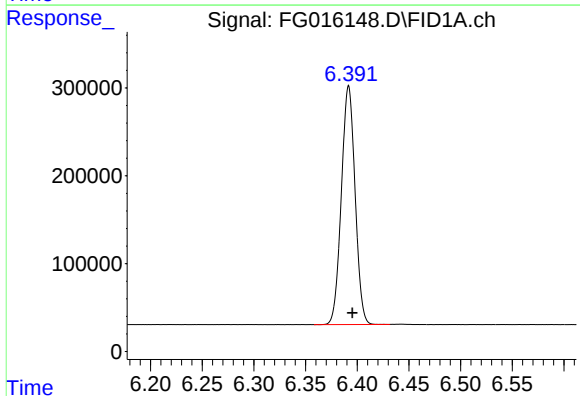
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 2248176
Conc: 20.78 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



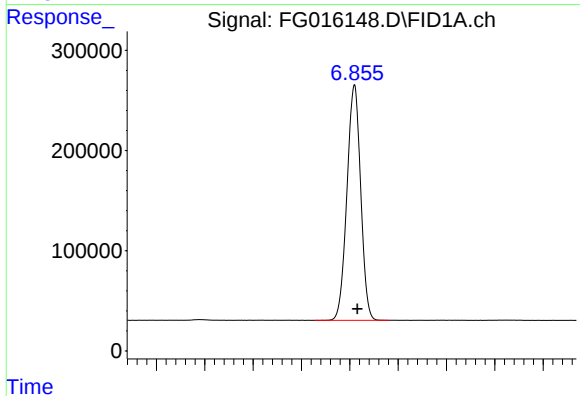
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 2294754
Conc: 20.92 ug/ml



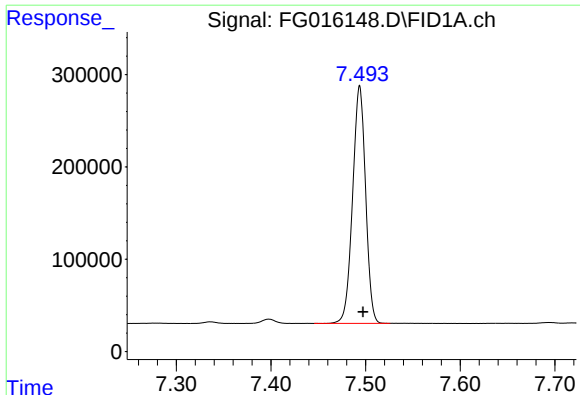
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 2511451
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

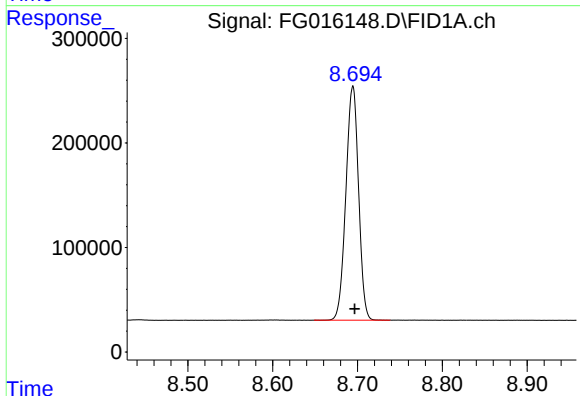
R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 2320762
Conc: 21.08 ug/ml



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

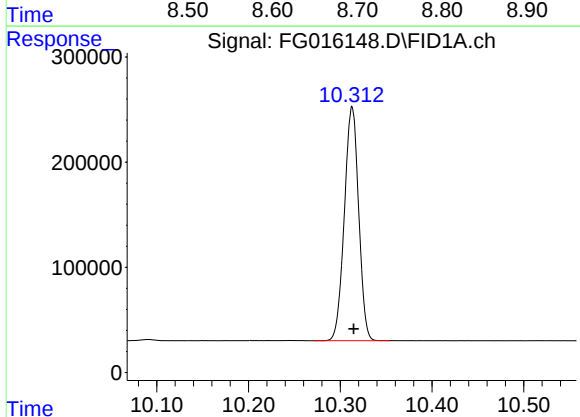
R.T.: 7.494 min
Delta R.T.: -0.004 min
Response: 2452765
Conc: 21.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



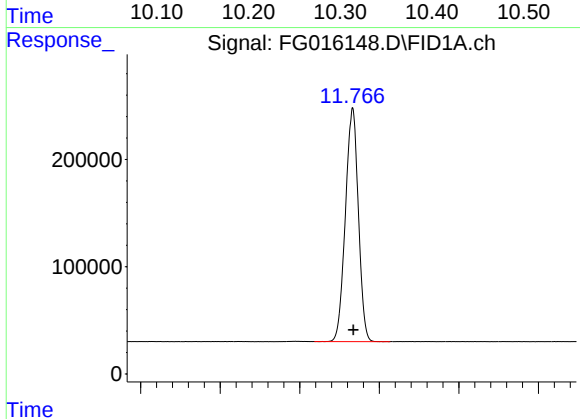
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 2326991
Conc: 21.19 ug/ml



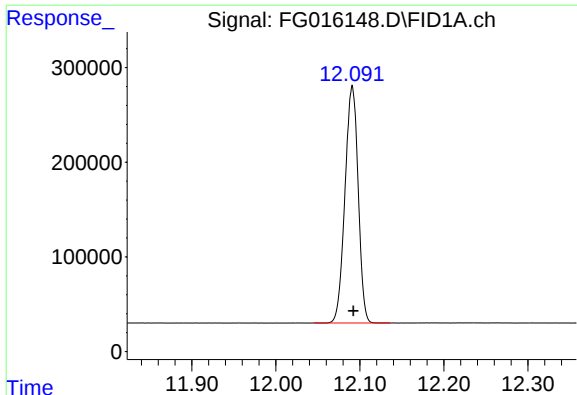
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.002 min
Response: 2411747
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

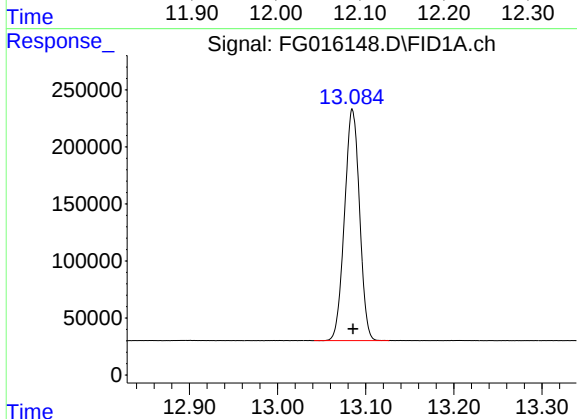
R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 2464681
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

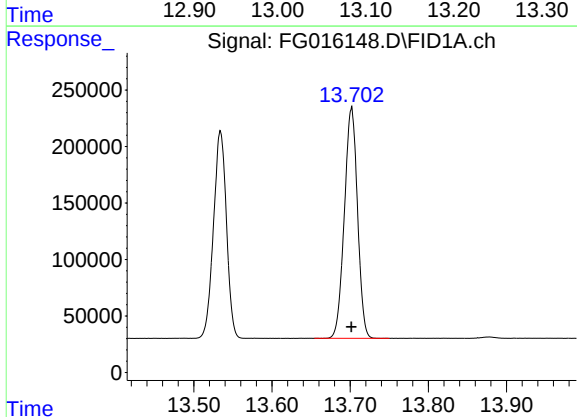
R.T.: 12.091 min
Delta R.T.: -0.001 min
Response: 2731053
Conc: 21.17 ug/ml

Instrument :
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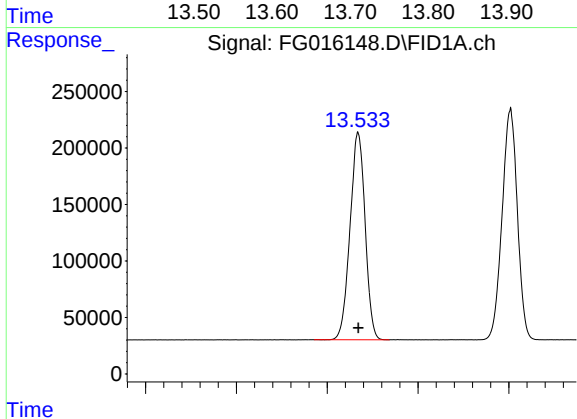
#10 n-Eicosane (C20)

R.T.: 13.085 min
Delta R.T.: 0.000 min
Response: 2402871
Conc: 21.11 ug/ml



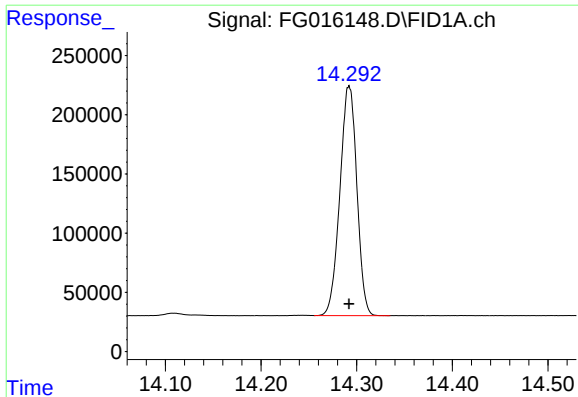
#11 n-Heneicosane (C21)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2385366
Conc: 21.07 ug/ml



#12 1-chlorooctadecane (SURR)

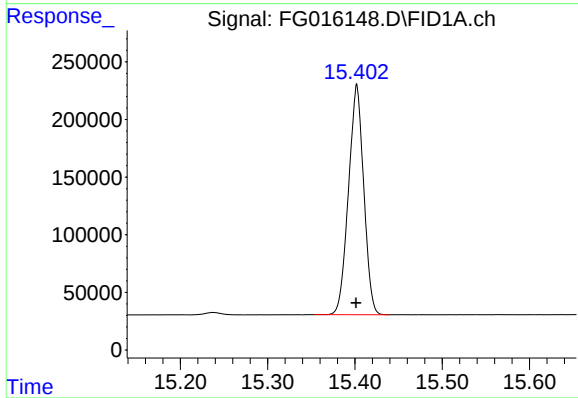
R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 2115161
Conc: 20.99 ug/ml



#13 n-Docosane (C22)

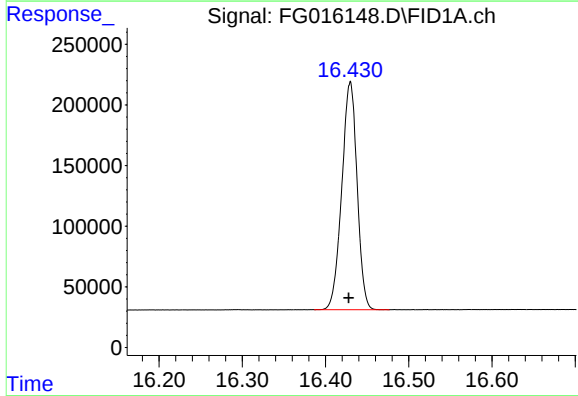
R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 2391116
Conc: 21.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



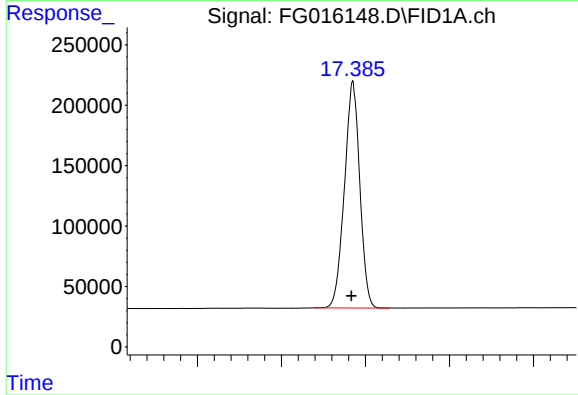
#14 n-Tetracosane (C24)

R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 2416136
Conc: 20.95 ug/ml



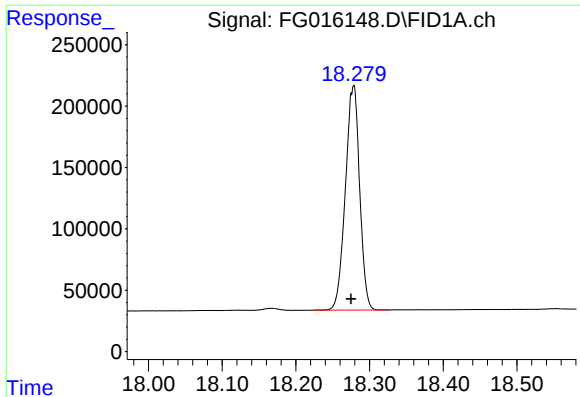
#15 n-Hexacosane (C26)

R.T.: 16.430 min
Delta R.T.: 0.002 min
Response: 2400501
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

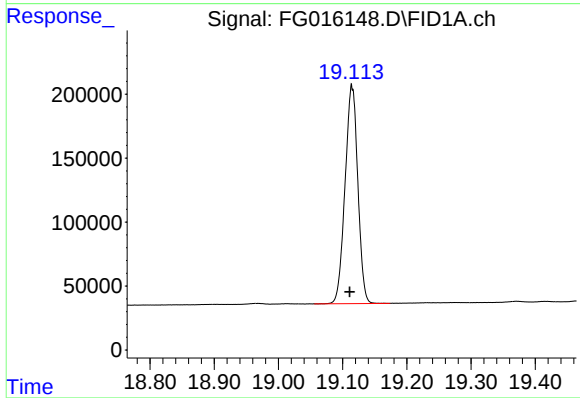
R.T.: 17.385 min
Delta R.T.: 0.002 min
Response: 2378673
Conc: 20.96 ug/ml



#17 n-Tricontane (C30)

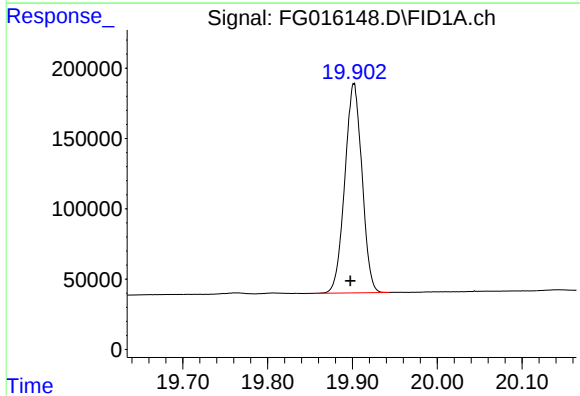
R.T.: 18.278 min
Delta R.T.: 0.003 min
Response: 2460850
Conc: 21.49 ug/ml

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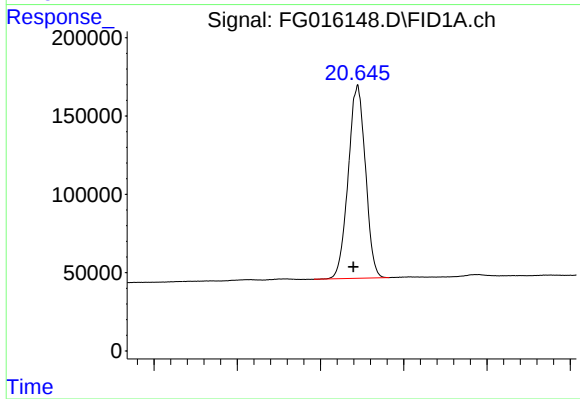
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.003 min
Response: 2357182
Conc: 21.62 ug/ml



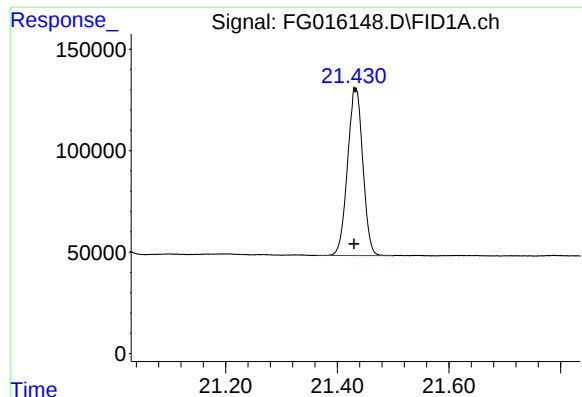
#19 n-Tetratriacontane (C34)

R.T.: 19.902 min
Delta R.T.: 0.004 min
Response: 2094960
Conc: 21.18 ug/ml



#20 n-Hexatriacontane (C36)

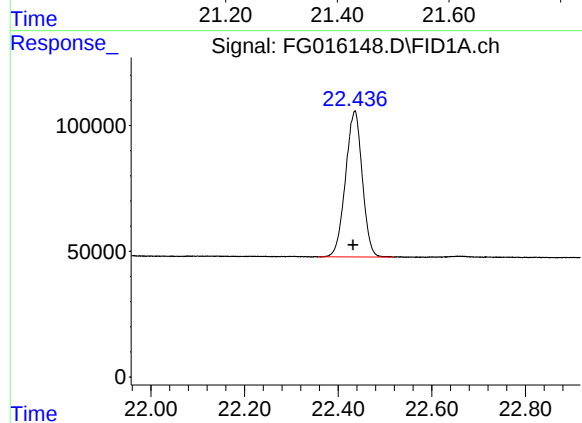
R.T.: 20.645 min
Delta R.T.: 0.005 min
Response: 1768498
Conc: 20.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.432 min
Delta R.T.: 0.001 min
Response: 1563425
Conc: 20.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.436 min
Delta R.T.: 0.004 min
Response: 1441709
Conc: 20.85 ug/ml