

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093025AL\
 Data File : FG016716.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 01:29
 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: Oct 01 01:42:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.054	2618232	18.356 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	13.500	2040850	18.081 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.377	2122961	18.708 ug/ml
2) T n-Decane (C10)	4.638	2187865	18.917 ug/ml
3) T A~Naphthalene (C11.7)	6.356	2303343	18.682 ug/ml
4) T n-Dodecane (C12)	6.819	2227761	18.980 ug/ml
5) T A~2-methylnaphthalene...	7.460	2170607	18.765 ug/ml
6) T n-Tetradecane (C14)	8.659	2217419	18.900 ug/ml
7) T n-Hexadecane (C16)	10.278	2335701	18.851 ug/ml
8) T n-Octadecane (C18)	11.731	2425070	18.629 ug/ml
10) T n-Eicosane (C20)	13.050	2363491	18.283 ug/ml
11) T n-Heneicosane (C21)	13.667	2328333	18.131 ug/ml
13) T n-Docosane (C22)	14.258	2317332	17.972 ug/ml
14) T n-Tetracosane (C24)	15.369	2283742	17.510 ug/ml
15) T n-Hexacosane (C26)	16.397	2206474	17.093 ug/ml
16) T n-Octacosane (C28)	17.353	2145381	16.906 ug/ml
17) T n-Tricontane (C30)	18.247	2237745	17.489 ug/ml
18) T n-Dotriacontane (C32)	19.084	2221690	18.140 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2008331	18.487 ug/ml
20) T n-Hexatriacontane (C36)	20.619	1671796	18.397 ug/ml
21) T n-Octatriacontane (C38)	21.398	1449319	17.796 ug/ml
22) T n-Tetracontane (C40)	22.389	1348637	17.483 ug/ml

(f)=RT Delta > 1/2 Window

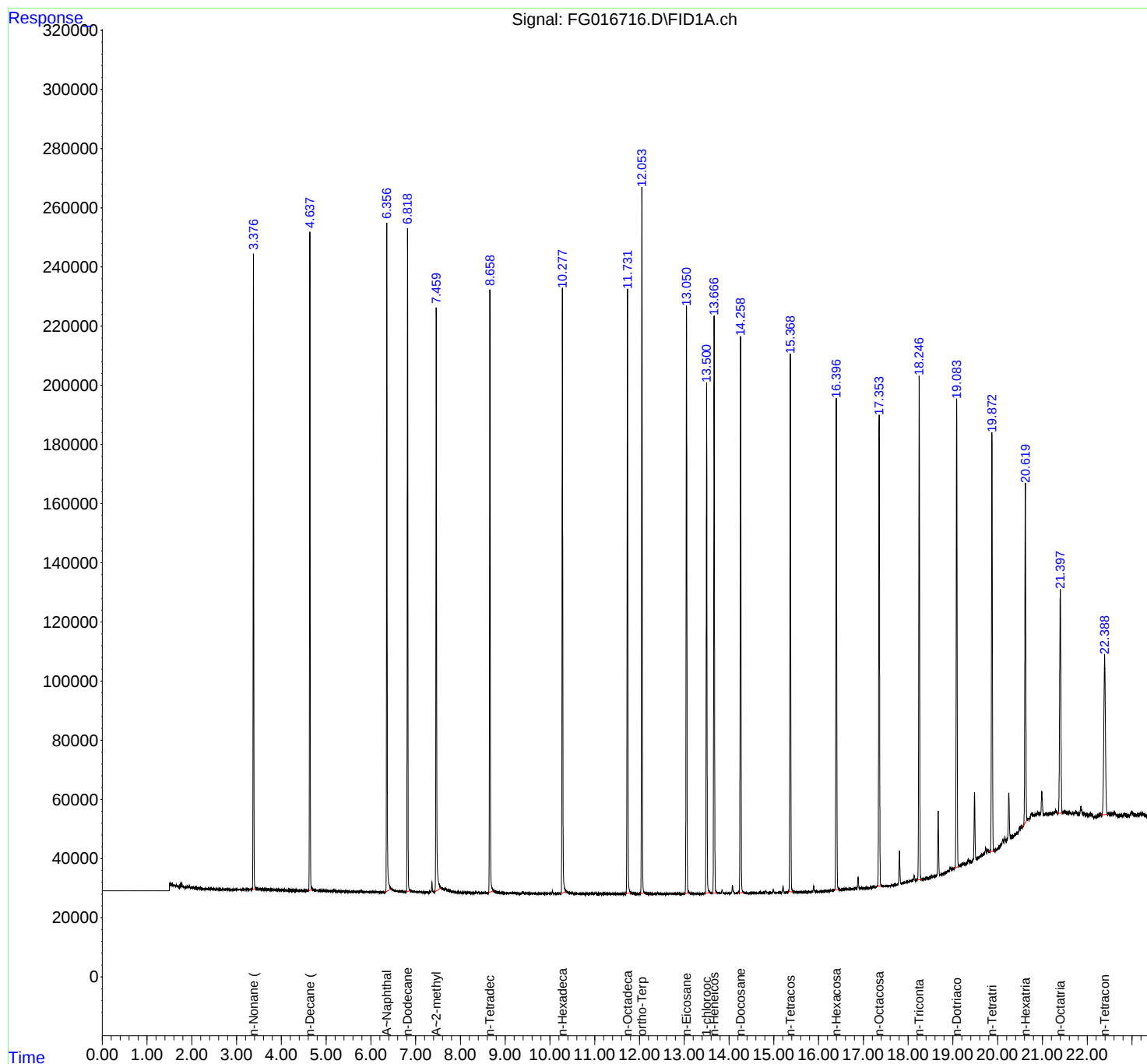
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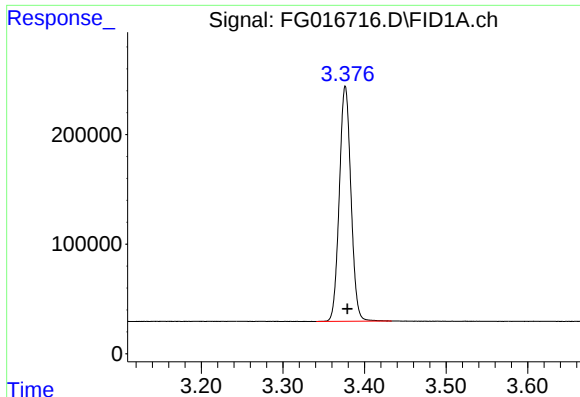
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Signal Info : 20M x 0.18mm x 0.18um

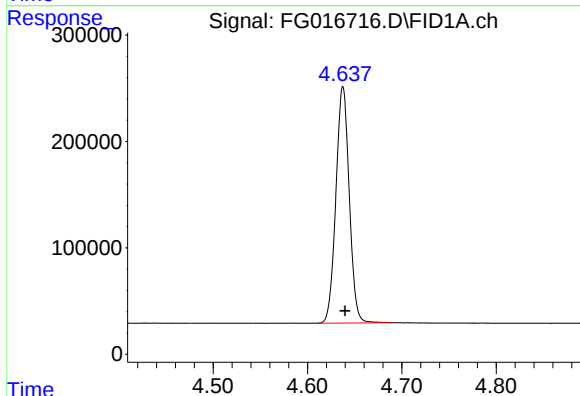




#1 n-Nonane (C9)

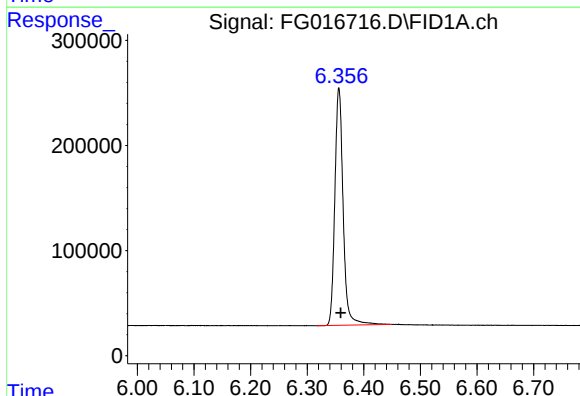
R.T.: 3.377 min
Delta R.T.: -0.002 min
Response: 2122961
Conc: 18.71 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



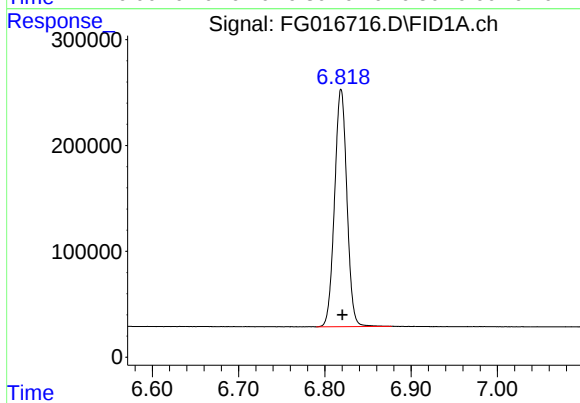
#2 n-Decane (C10)

R.T.: 4.638 min
Delta R.T.: -0.002 min
Response: 2187865
Conc: 18.92 ug/ml



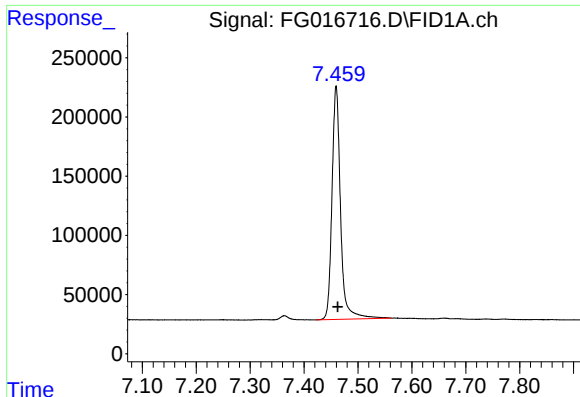
#3 A~Naphthalene (C11.7)

R.T.: 6.356 min
Delta R.T.: -0.003 min
Response: 2303343
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

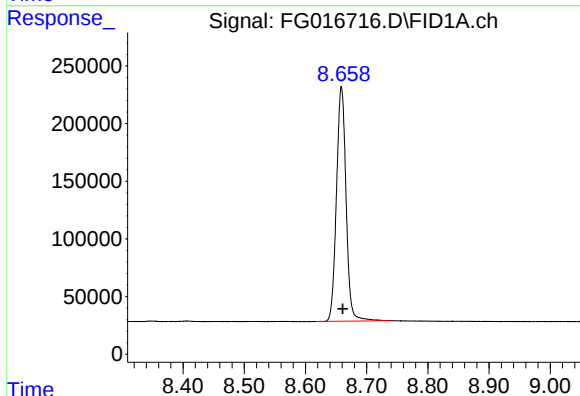
R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 2227761
Conc: 18.98 ug/ml



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

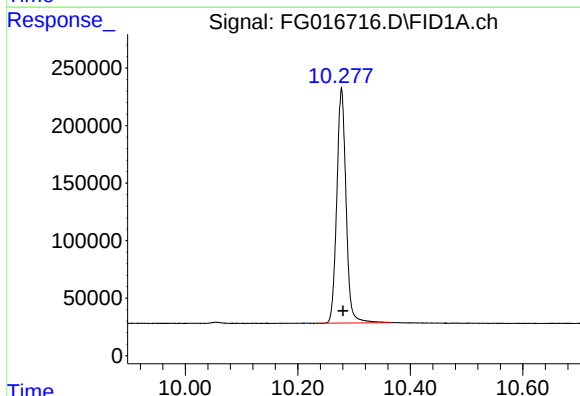
R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 2170607
Conc: 18.76 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



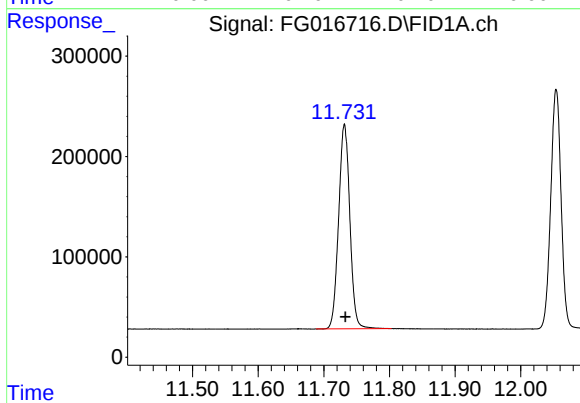
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 2217419
Conc: 18.90 ug/ml



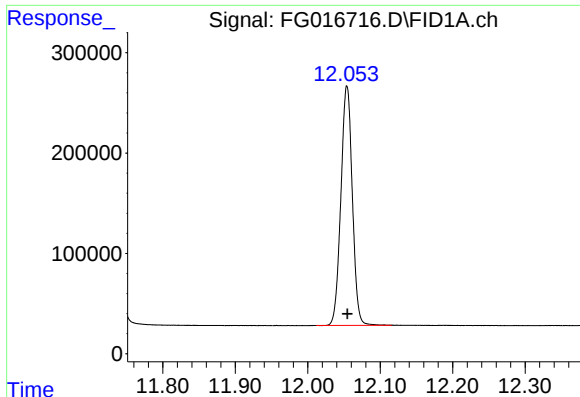
#7 n-Hexadecane (C16)

R.T.: 10.278 min
Delta R.T.: -0.003 min
Response: 2335701
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

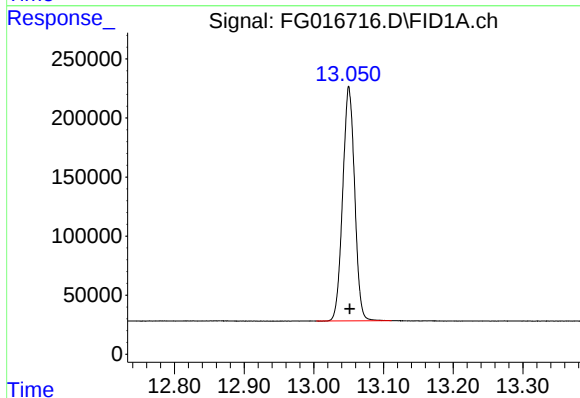
R.T.: 11.731 min
Delta R.T.: -0.002 min
Response: 2425070
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

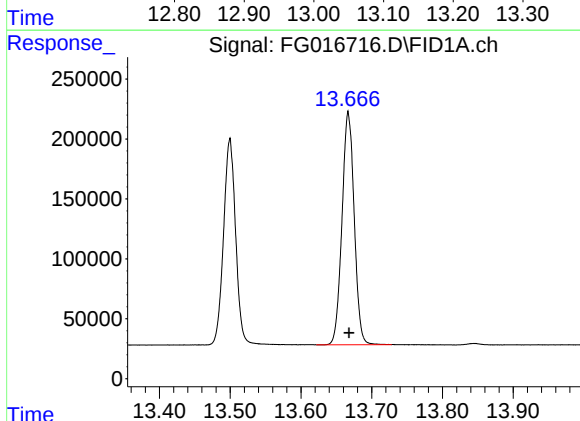
R.T.: 12.054 min
Delta R.T.: 0.000 min
Response: 2618232
Conc: 18.36 ug/ml

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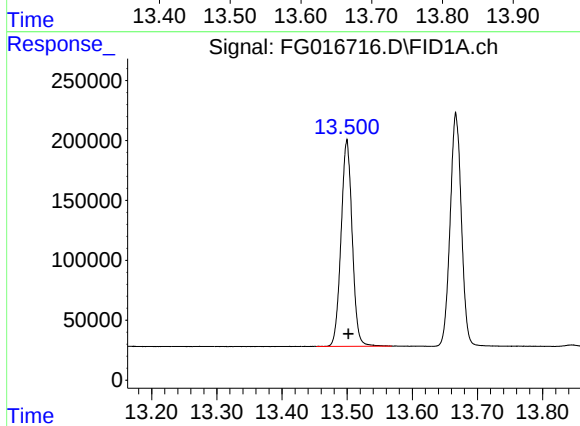
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: -0.001 min
Response: 2363491
Conc: 18.28 ug/ml



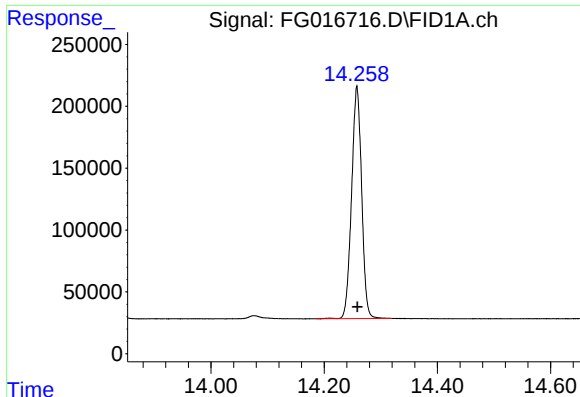
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.002 min
Response: 2328333
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

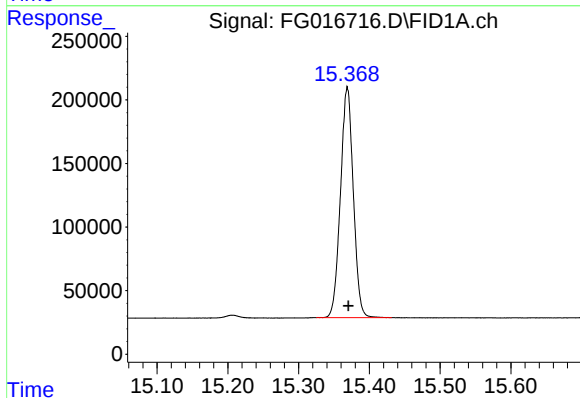
R.T.: 13.500 min
Delta R.T.: -0.002 min
Response: 2040850
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

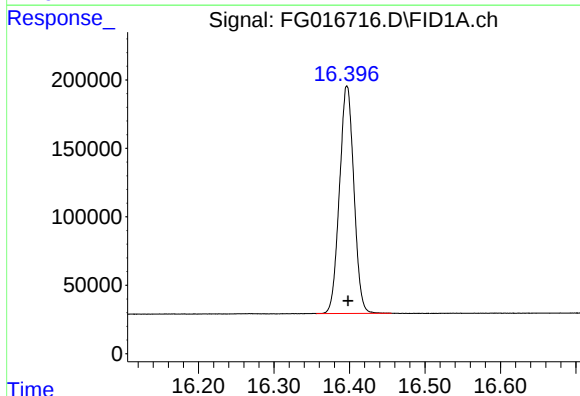
R.T.: 14.258 min
Delta R.T.: -0.001 min
Response: 2317332
Conc: 17.97 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



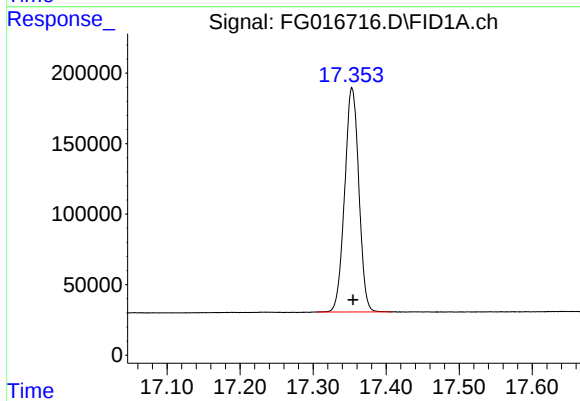
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.001 min
Response: 2283742
Conc: 17.51 ug/ml



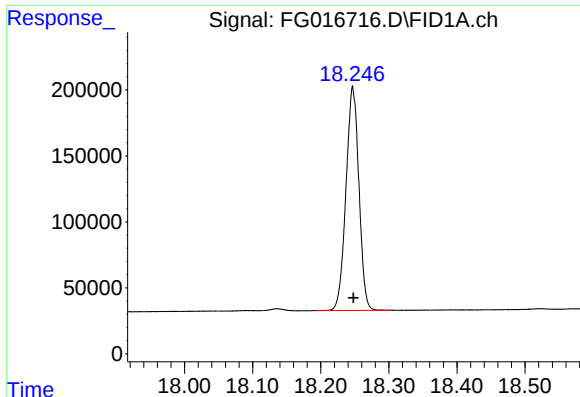
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.002 min
Response: 2206474
Conc: 17.09 ug/ml



#16 n-Octacosane (C28)

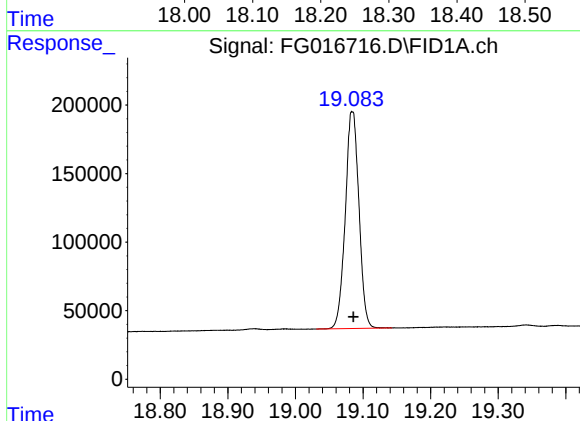
R.T.: 17.353 min
Delta R.T.: -0.001 min
Response: 2145381
Conc: 16.91 ug/ml



#17 n-Tricontane (C30)

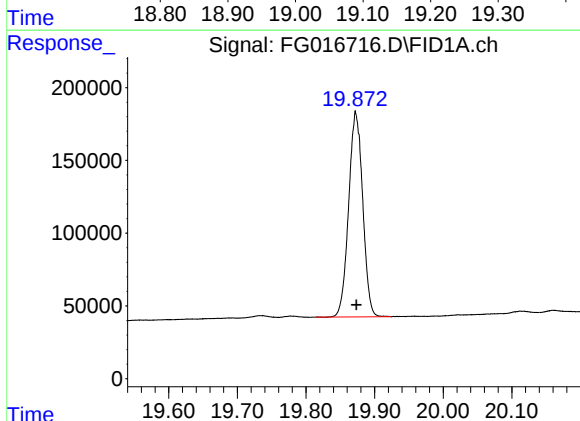
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 2237745
Conc: 17.49 ug/ml

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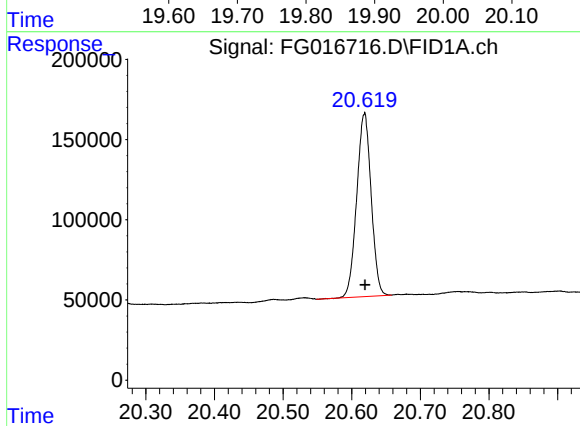
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: -0.002 min
Response: 2221690
Conc: 18.14 ug/ml



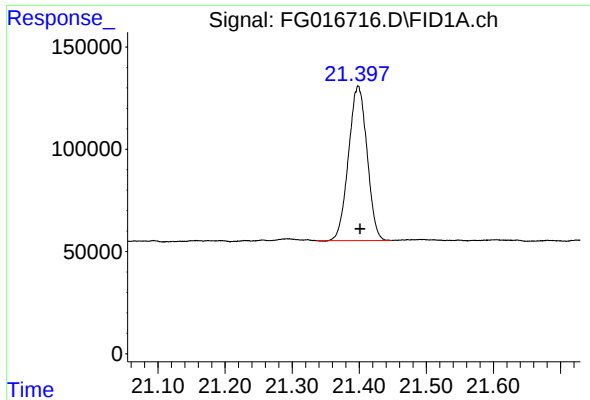
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: -0.001 min
Response: 2008331
Conc: 18.49 ug/ml



#20 n-Hexatriacontane (C36)

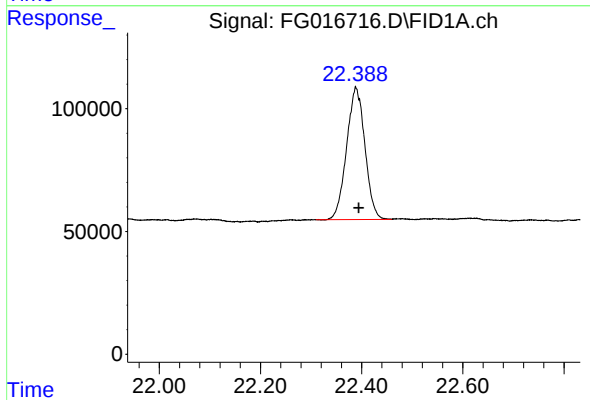
R.T.: 20.619 min
Delta R.T.: 0.000 min
Response: 1671796
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: -0.003 min
Response: 1449319
Conc: 17.80 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: -0.006 min
Response: 1348637
Conc: 17.48 ug/ml