

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016072.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 14:34
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 16 06:41:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:39:56 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)	12.096	6323398	50.334 ug/ml
Spiked Amount 50.000		Recovery =	100.67%
12) S 1-chlorooctadecane (S...	13.537	4942965	50.390 ug/ml
Spiked Amount 50.000		Recovery =	100.78%
Target Compounds			
1) T n-Nonane (C9)	3.422	5282413	50.050 ug/ml
2) T n-Decane (C10)	4.681	5358787	50.057 ug/ml
3) T A~Naphthalene (C11.7)	6.397	5839682	50.034 ug/ml
4) T n-Dodecane (C12)	6.859	5389005	50.196 ug/ml
5) T A~2-methylnaphthalene...	7.499	5689440	50.122 ug/ml
6) T n-Tetradecane (C14)	8.698	5364151	50.211 ug/ml
7) T n-Hexadecane (C16)	10.317	5578750	50.340 ug/ml
8) T n-Octadecane (C18)	11.770	5705865	50.428 ug/ml
10) T n-Eicosane (C20)	13.088	5586554	50.464 ug/ml
11) T n-Heneicosane (C21)	13.704	5553509	50.443 ug/ml
13) T n-Docosane (C22)	14.295	5578784	50.443 ug/ml
14) T n-Tetracosane (C24)	15.404	5654747	50.320 ug/ml
15) T n-Hexacosane (C26)	16.431	5630584	50.110 ug/ml
16) T n-Octacosane (C28)	17.386	5542792	49.997 ug/ml
17) T n-Tricontane (C30)	18.278	5543018	49.405 ug/ml
18) T n-Dotriacontane (C32)	19.114	5238666	48.879 ug/ml
19) T n-Tetratriacontane (C34)	19.901	4741671	48.674 ug/ml
20) T n-Hexatriacontane (C36)	20.644	4064127	48.516 ug/ml
21) T n-Octatriacontane (C38)	21.434	3616216	48.567 ug/ml
22) T n-Tetracontane (C40)	22.437	3330661	48.727 ug/ml

(f)=RT Delta > 1/2 Window

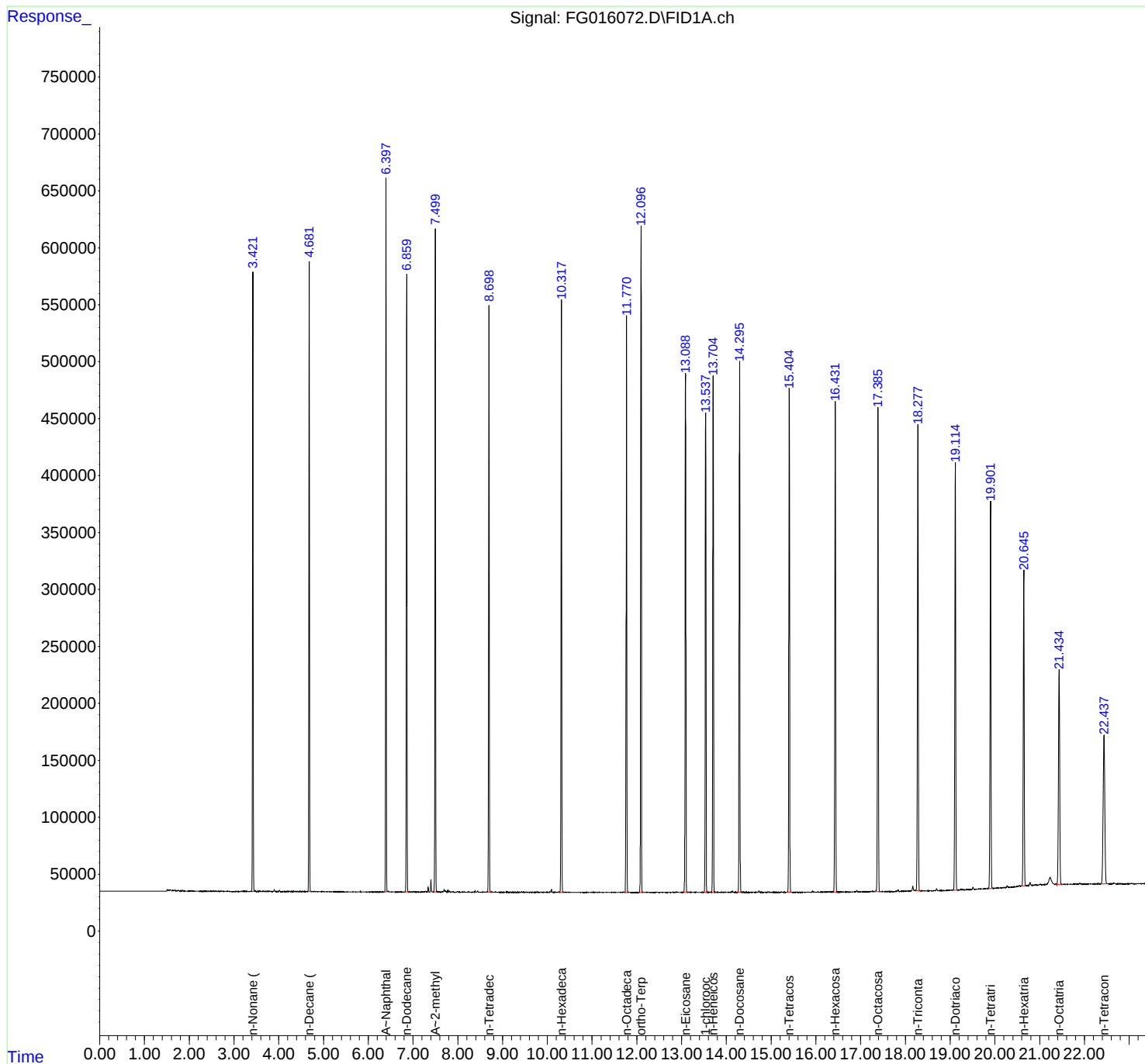
(m)=manual int.

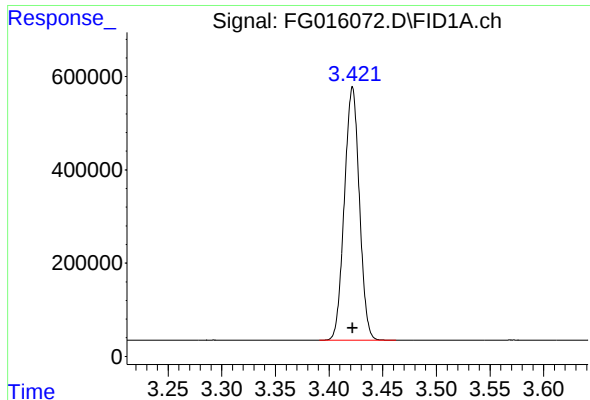
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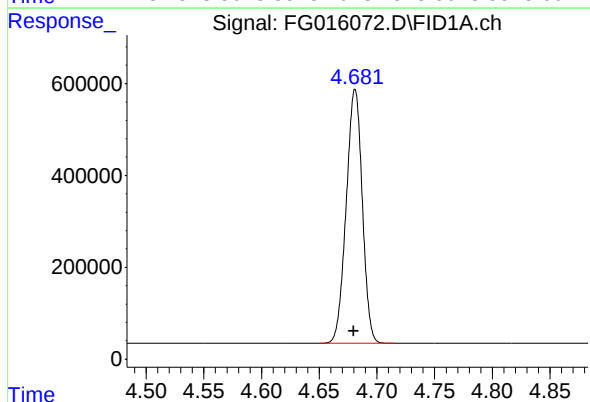




#1 n-Nonane (C9)

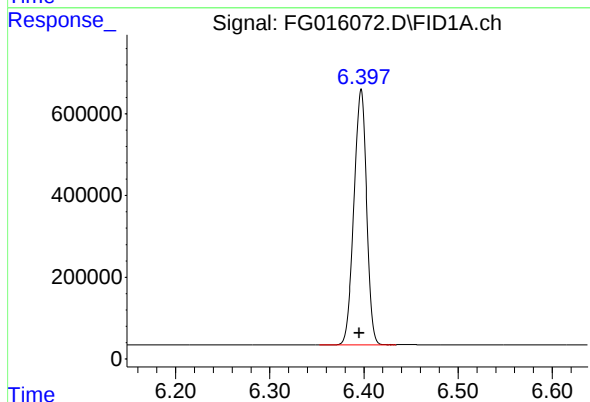
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 5282413
Conc: 50.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



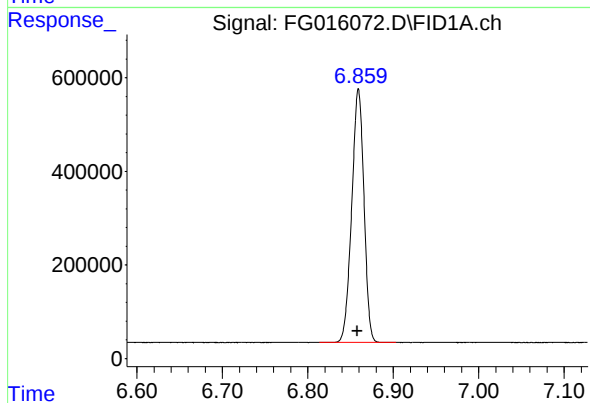
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.001 min
Response: 5358787
Conc: 50.06 ug/ml



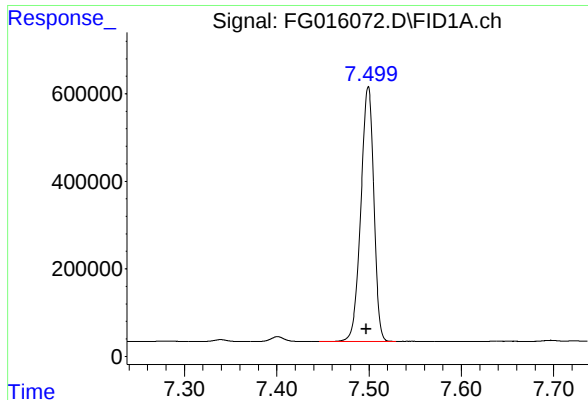
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 5839682
Conc: 50.03 ug/ml



#4 n-Dodecane (C12)

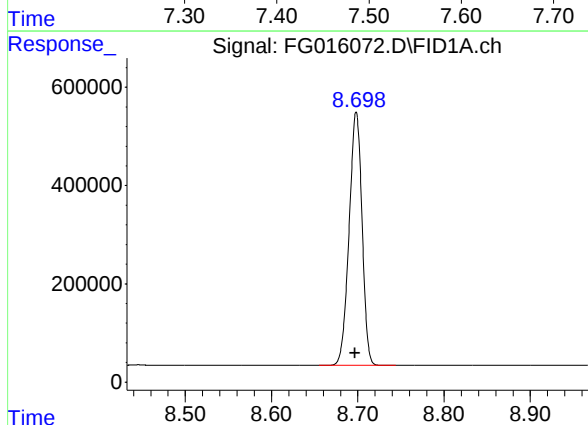
R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 5389005
Conc: 50.20 ug/ml



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

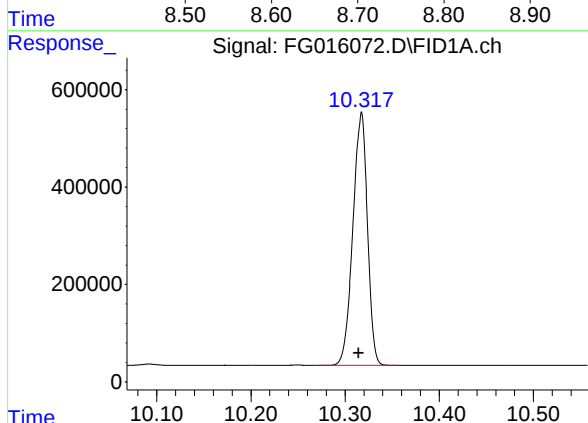
R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 5689440
Conc: 50.12 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



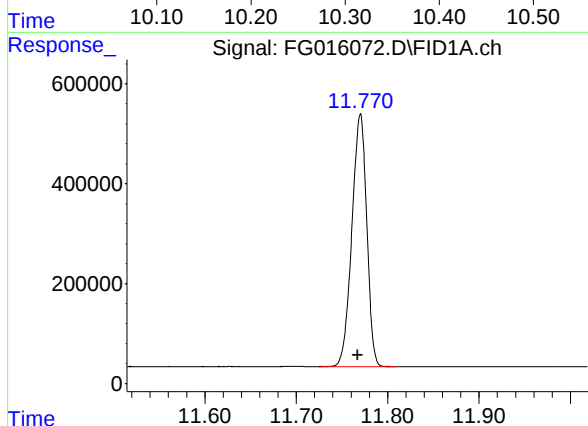
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 5364151
Conc: 50.21 ug/ml



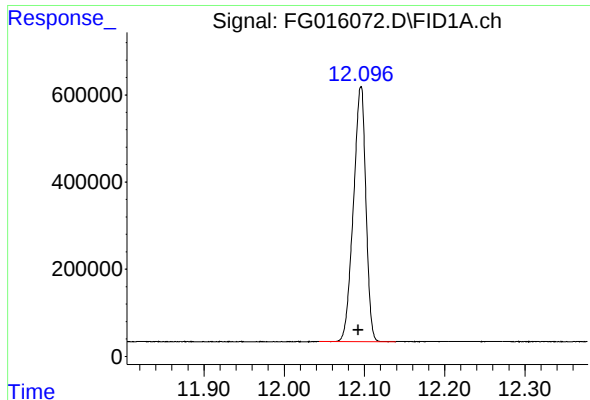
#7 n-Hexadecane (C16)

R.T.: 10.317 min
Delta R.T.: 0.003 min
Response: 5578750
Conc: 50.34 ug/ml



#8 n-Octadecane (C18)

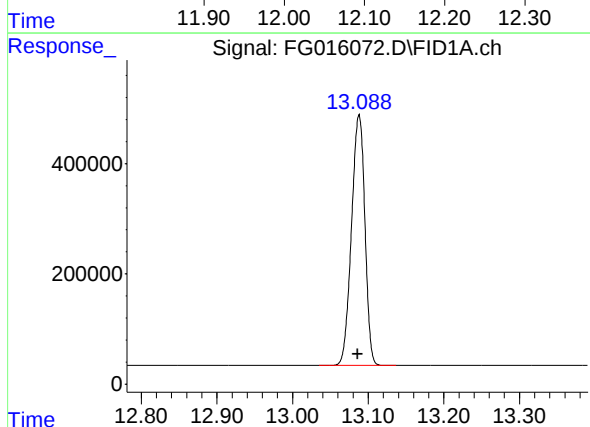
R.T.: 11.770 min
Delta R.T.: 0.003 min
Response: 5705865
Conc: 50.43 ug/ml



#9 ortho-Terphenyl (SURR)

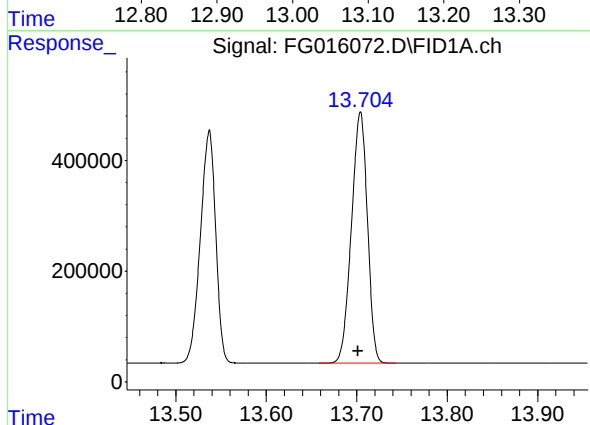
R.T.: 12.096 min
Delta R.T.: 0.003 min
Response: 6323398
Conc: 50.33 ug/ml

Instrument :
FID_G
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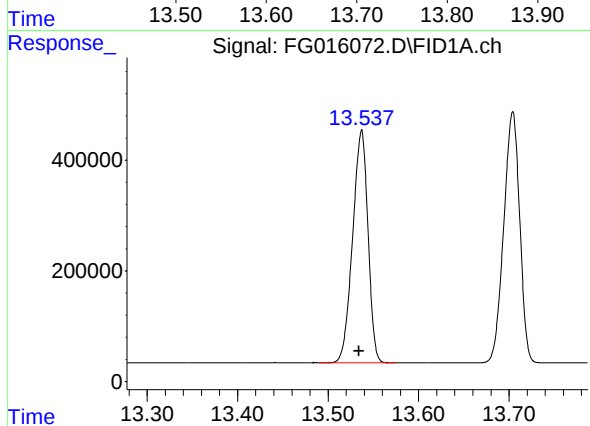
#10 n-Eicosane (C20)

R.T.: 13.088 min
Delta R.T.: 0.002 min
Response: 5586554
Conc: 50.46 ug/ml



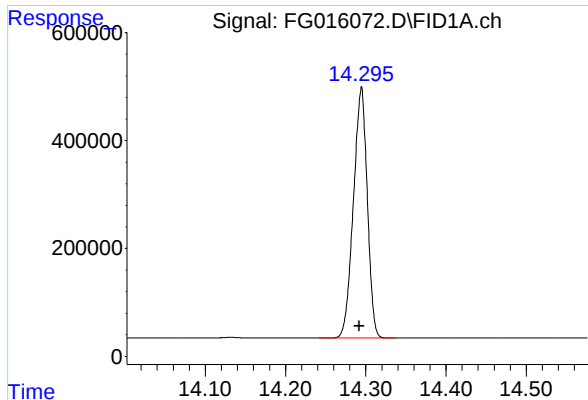
#11 n-Heneicosane (C21)

R.T.: 13.704 min
Delta R.T.: 0.003 min
Response: 5553509
Conc: 50.44 ug/ml



#12 1-chlorooctadecane (SURR)

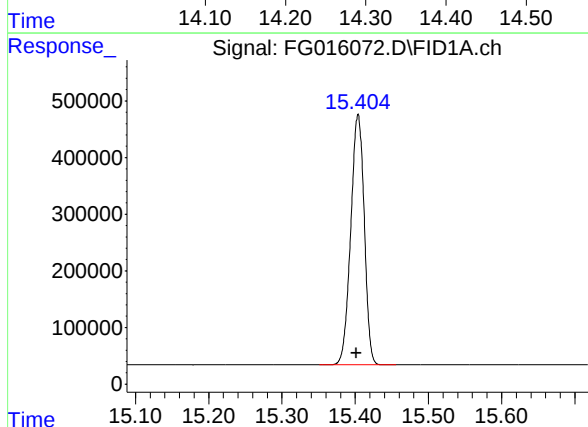
R.T.: 13.537 min
Delta R.T.: 0.003 min
Response: 4942965
Conc: 50.39 ug/ml



#13 n-Docosane (C22)

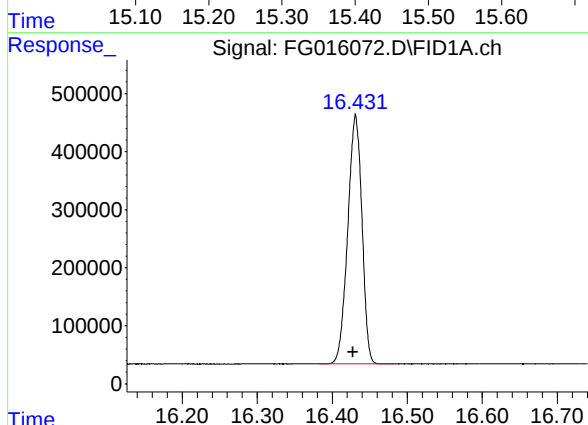
R.T.: 14.295 min
Delta R.T.: 0.003 min
Response: 5578784
Conc: 50.44 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



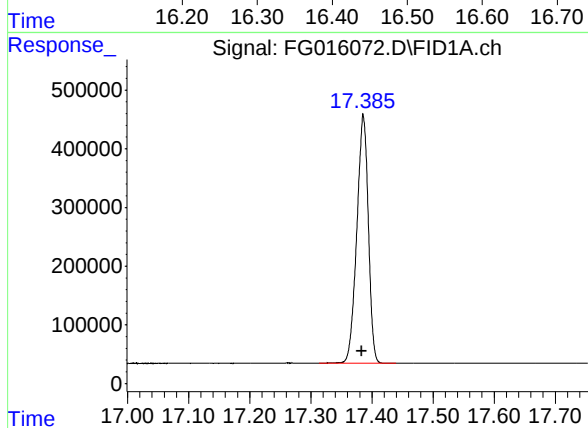
#14 n-Tetracosane (C24)

R.T.: 15.404 min
Delta R.T.: 0.003 min
Response: 5654747
Conc: 50.32 ug/ml



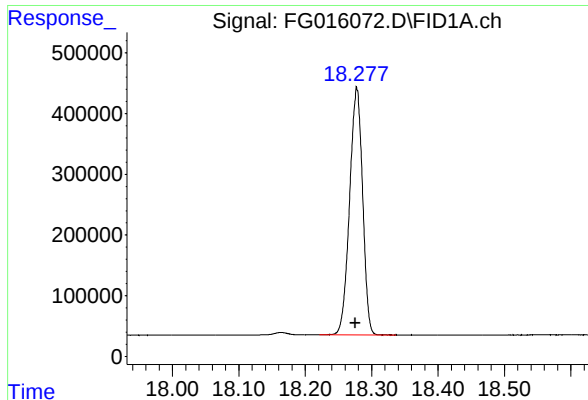
#15 n-Hexacosane (C26)

R.T.: 16.431 min
Delta R.T.: 0.003 min
Response: 5630584
Conc: 50.11 ug/ml



#16 n-Octacosane (C28)

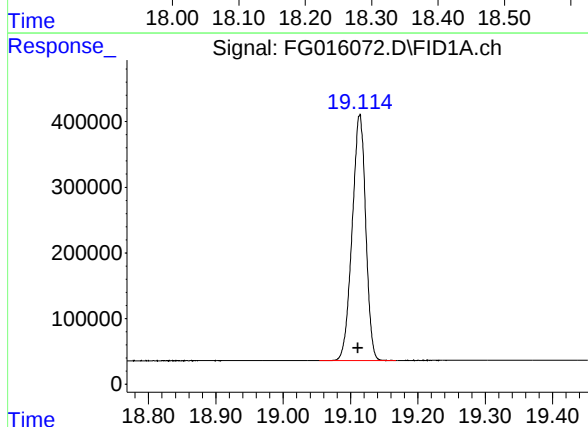
R.T.: 17.386 min
Delta R.T.: 0.003 min
Response: 5542792
Conc: 50.00 ug/ml



#17 n-Tricontane (C30)

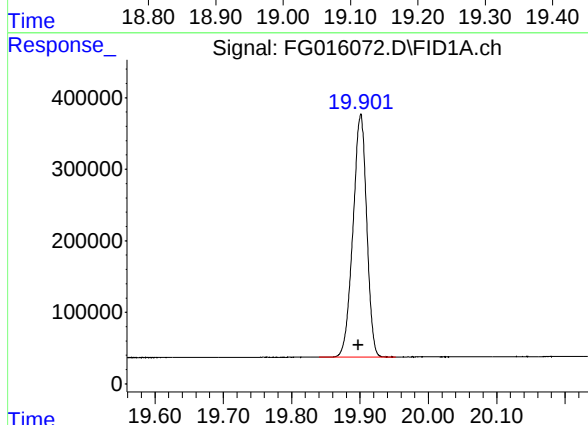
R.T.: 18.278 min
Delta R.T.: 0.003 min
Response: 5543018
Conc: 49.41 ug/ml

Instrument :
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50 PPM ALIPHATIC HC STD2



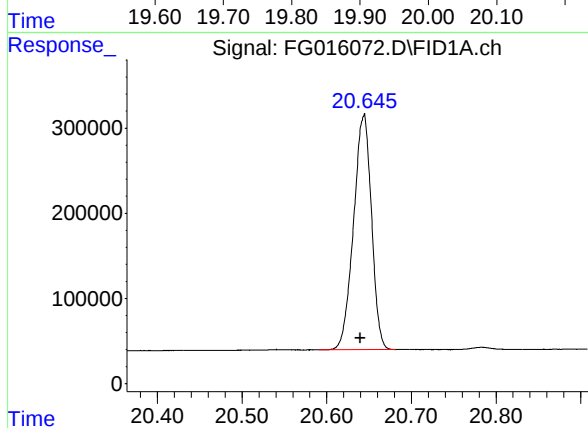
#18 n-Dotriacontane (C32)

R.T.: 19.114 min
Delta R.T.: 0.002 min
Response: 5238666
Conc: 48.88 ug/ml



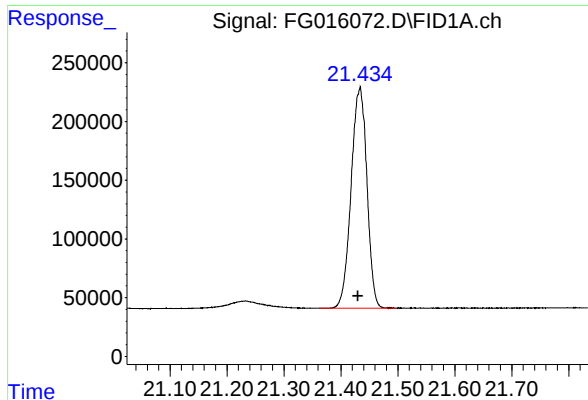
#19 n-Tetratriacontane (C34)

R.T.: 19.901 min
Delta R.T.: 0.003 min
Response: 4741671
Conc: 48.67 ug/ml



#20 n-Hexatriacontane (C36)

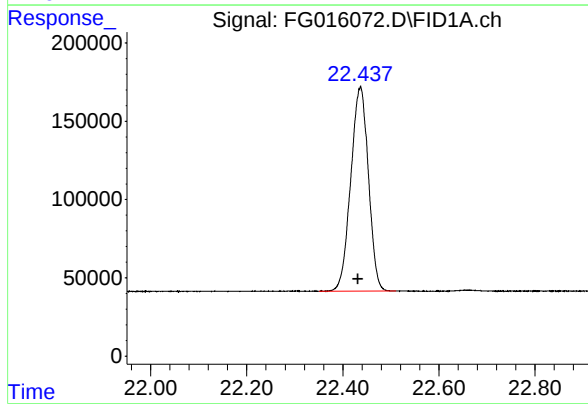
R.T.: 20.644 min
Delta R.T.: 0.004 min
Response: 4064127
Conc: 48.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.434 min
Delta R.T.: 0.003 min
Response: 3616216
Conc: 48.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.005 min
Response: 3330661
Conc: 48.73 ug/ml