

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092425AL\
 Data File : FG016631.D
 Signal(s) : FID1A.ch
 Acq On : 24 Sep 2025 15:58
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 24 16:20:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:19:39 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)	12.055	762580	5.346 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
12) S 1-chlorooctadecane (S...	13.502	605295	5.363 ug/ml
Spiked Amount 50.000		Recovery =	10.73%
Target Compounds			
1) T n-Nonane (C9)	3.379	606671	5.346 ug/ml
2) T n-Decane (C10)	4.640	613414	5.304 ug/ml
3) T A~Naphthalene (C11.7)	6.359	618463	5.016 ug/ml
4) T n-Dodecane (C12)	6.821	618459	5.269 ug/ml
5) T A~2-methylnaphthalene...	7.462	535605	4.630 ug/ml
6) T n-Tetradecane (C14)	8.661	598970	5.105 ug/ml
7) T n-Hexadecane (C16)	10.280	640765	5.171 ug/ml
8) T n-Octadecane (C18)	11.733	697381	5.357 ug/ml
10) T n-Eicosane (C20)	13.051	702619	5.435 ug/ml
11) T n-Heneicosane (C21)	13.668	698486	5.439 ug/ml
13) T n-Docosane (C22)	14.259	699503	5.425 ug/ml
14) T n-Tetracosane (C24)	15.370	706536	5.417 ug/ml
15) T n-Hexacosane (C26)	16.398	699770	5.421 ug/ml
16) T n-Octacosane (C28)	17.355	692578	5.457 ug/ml
17) T n-Tricontane (C30)	18.248	706248	5.520 ug/ml
18) T n-Dotriacontane (C32)	19.086	694705	5.672 ug/ml
19) T n-Tetratriacontane (C34)	19.874	606787	5.586 ug/ml
20) T n-Hexatriacontane (C36)	20.619	487239	5.362 ug/ml
21) T n-Octatriacontane (C38)	21.401	440470	5.408 ug/ml
22) T n-Tetracontane (C40)	22.394	430934	5.586 ug/ml

(f)=RT Delta > 1/2 Window

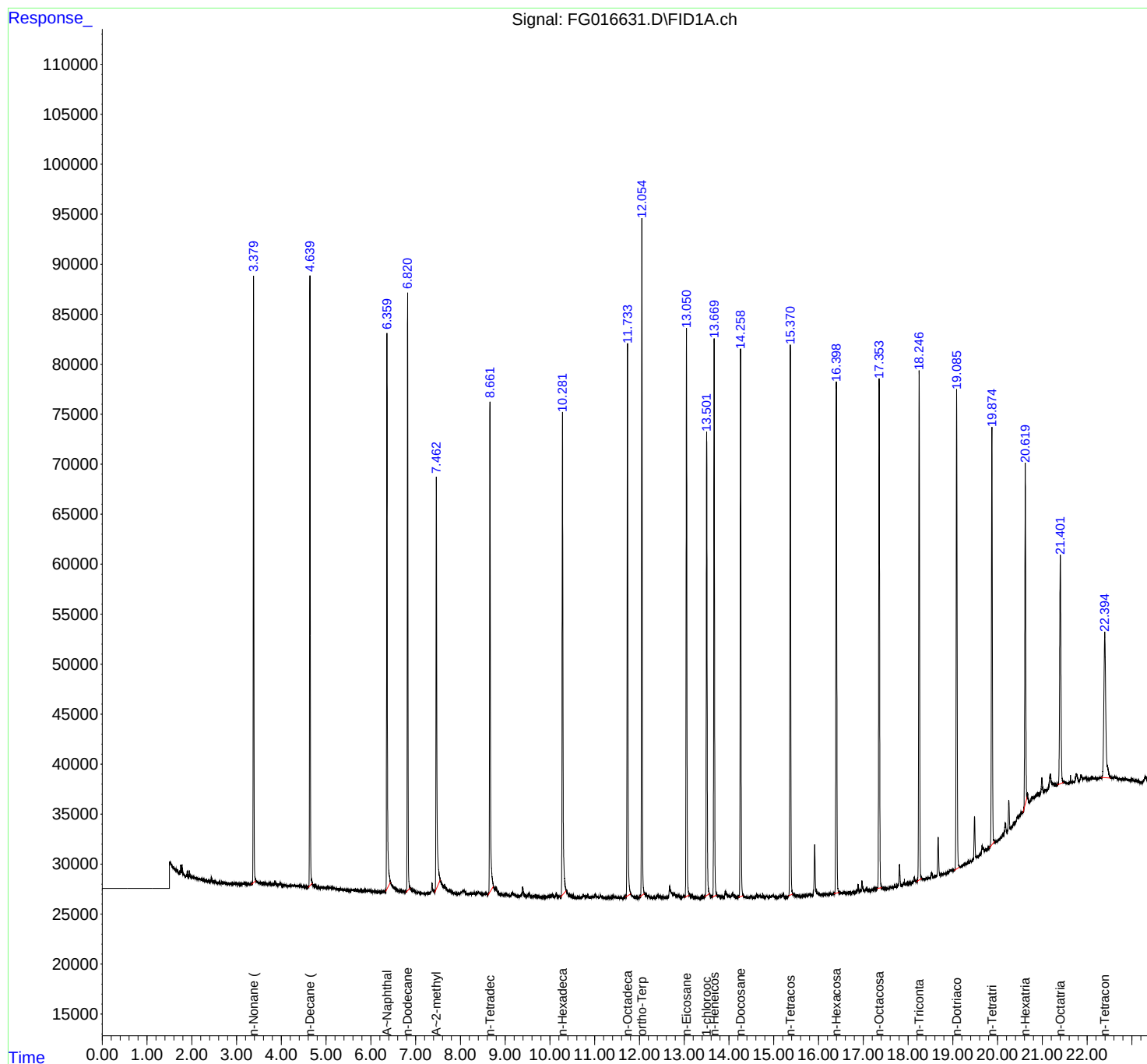
(m)=manual int.

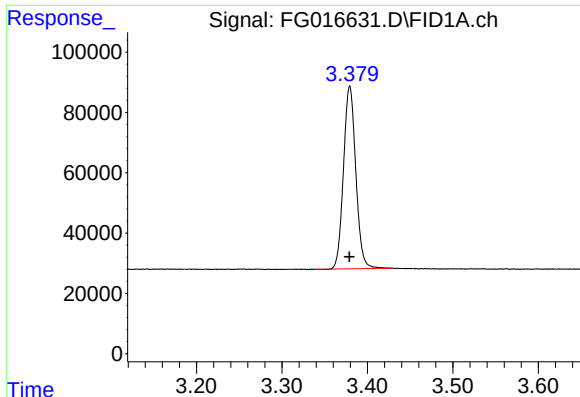
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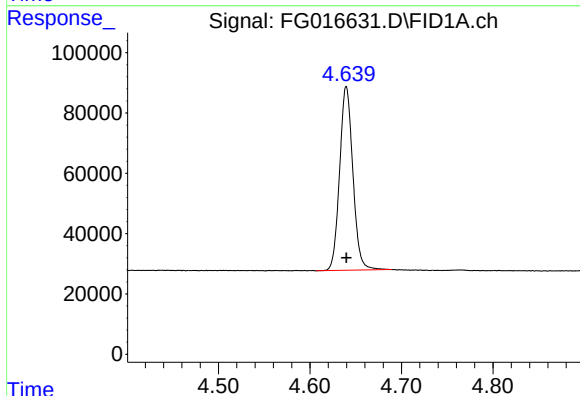




#1 n-Nonane (C9)

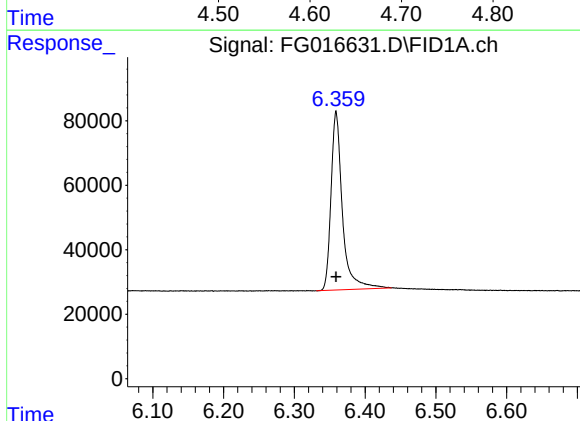
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 606671
Conc: 5.35 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



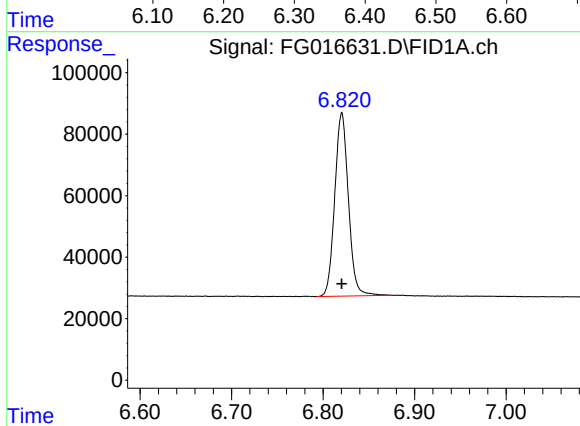
#2 n-Decane (C10)

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 613414
Conc: 5.30 ug/ml



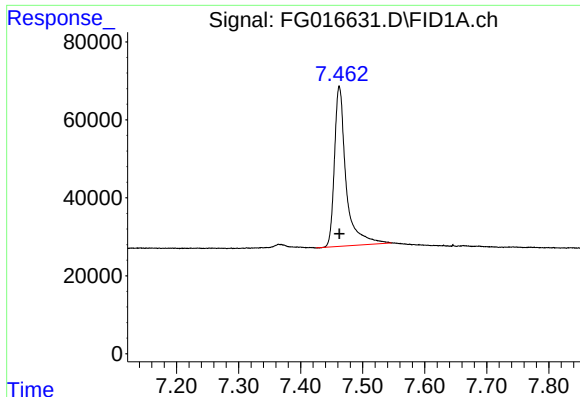
#3 A~Naphthalene (C11.7)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 618463
Conc: 5.02 ug/ml



#4 n-Dodecane (C12)

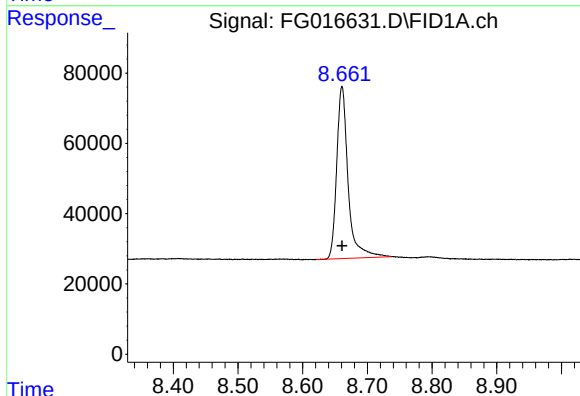
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 618459
Conc: 5.27 ug/ml



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

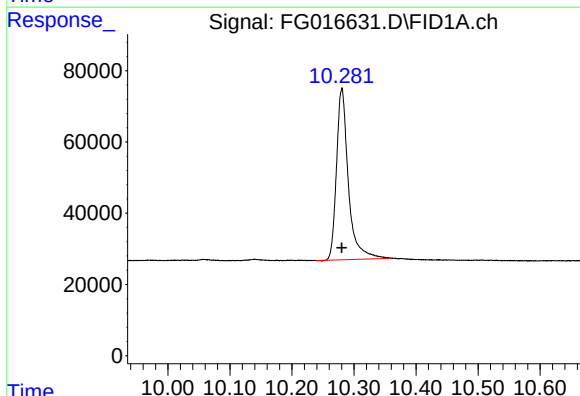
R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 535605
Conc: 4.63 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



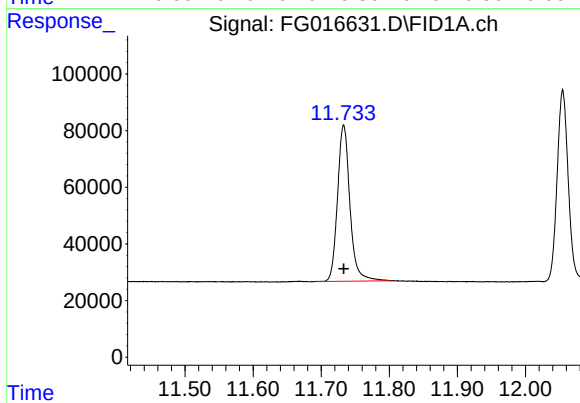
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 598970
Conc: 5.11 ug/ml



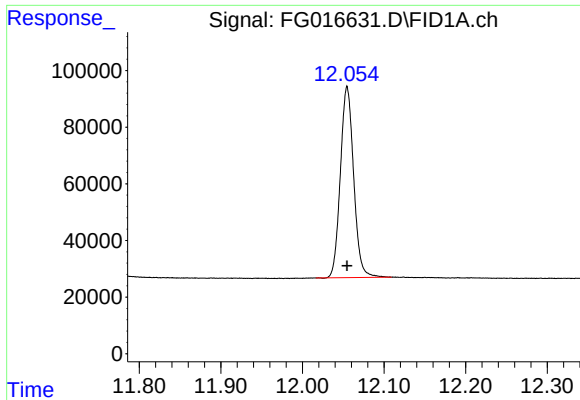
#7 n-Hexadecane (C16)

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 640765
Conc: 5.17 ug/ml



#8 n-Octadecane (C18)

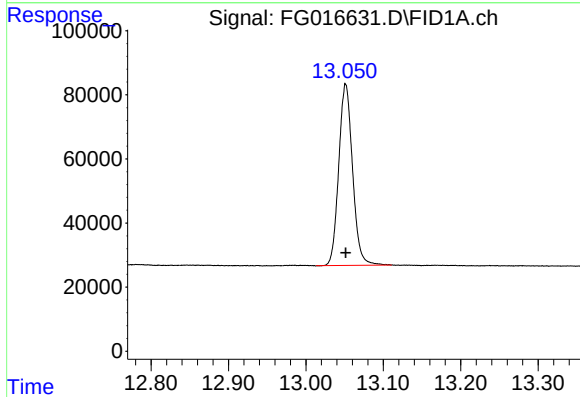
R.T.: 11.733 min
Delta R.T.: 0.000 min
Response: 697381
Conc: 5.36 ug/ml



#9 ortho-Terphenyl (SURR)

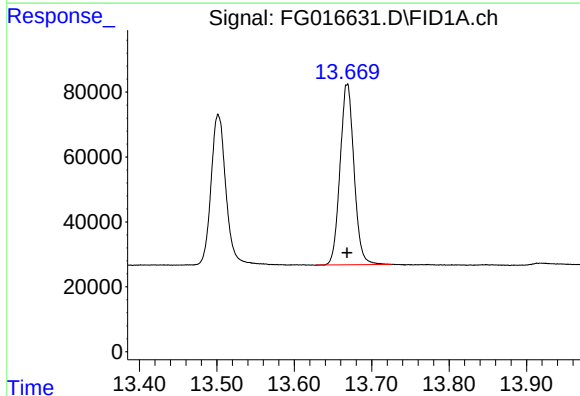
R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 762580
Conc: 5.35 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



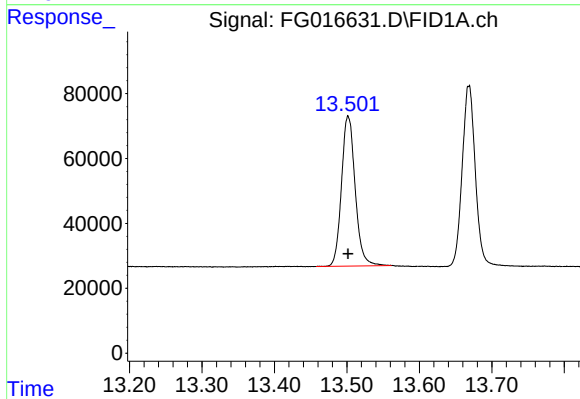
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: 0.000 min
Response: 702619
Conc: 5.44 ug/ml



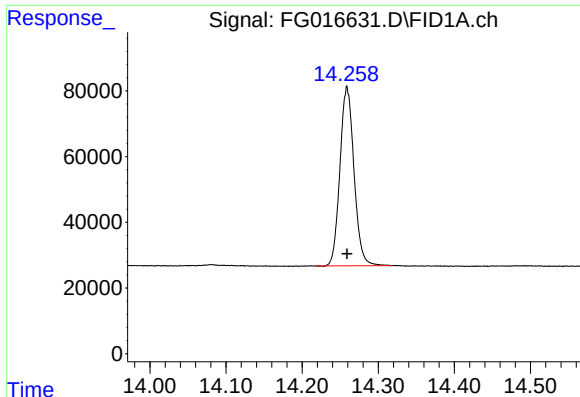
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: 0.000 min
Response: 698486
Conc: 5.44 ug/ml



#12 1-chlorooctadecane (SURR)

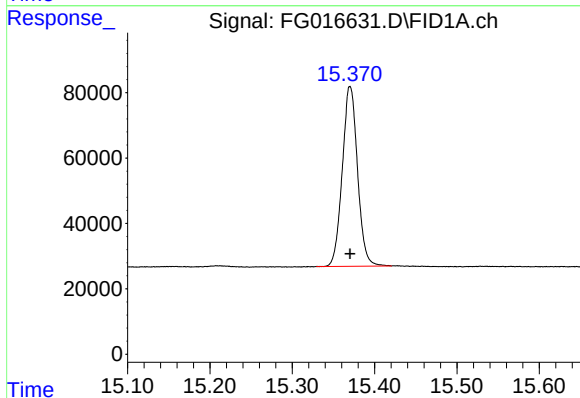
R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 605295
Conc: 5.36 ug/ml



#13 n-Docosane (C22)

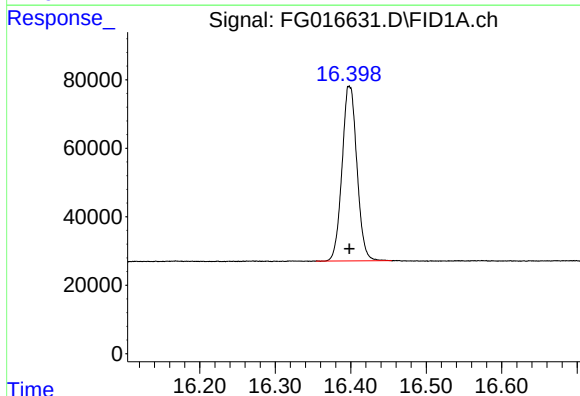
R.T.: 14.259 min
Delta R.T.: 0.000 min
Response: 699503
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



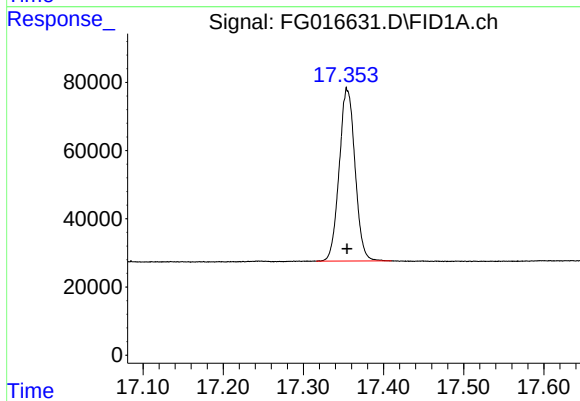
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.000 min
Response: 706536
Conc: 5.42 ug/ml



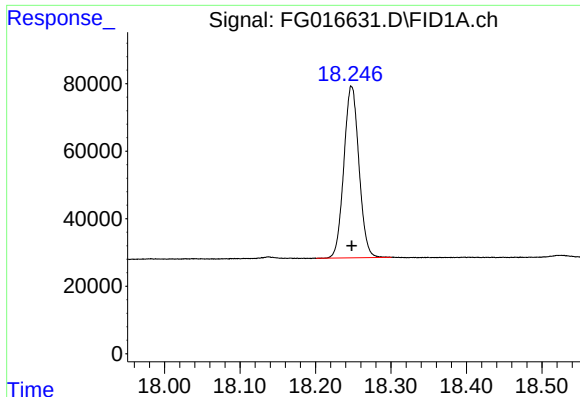
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 699770
Conc: 5.42 ug/ml



#16 n-Octacosane (C28)

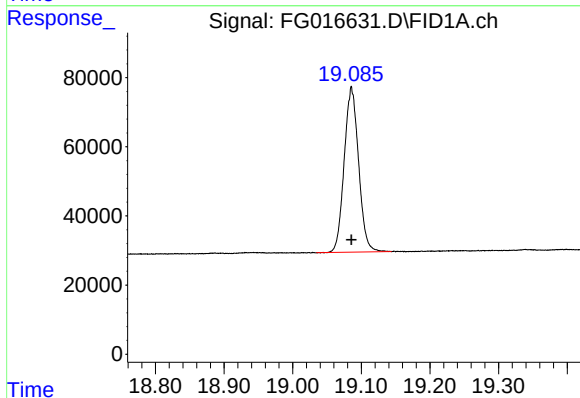
R.T.: 17.355 min
Delta R.T.: 0.000 min
Response: 692578
Conc: 5.46 ug/ml



#17 n-Tricontane (C30)

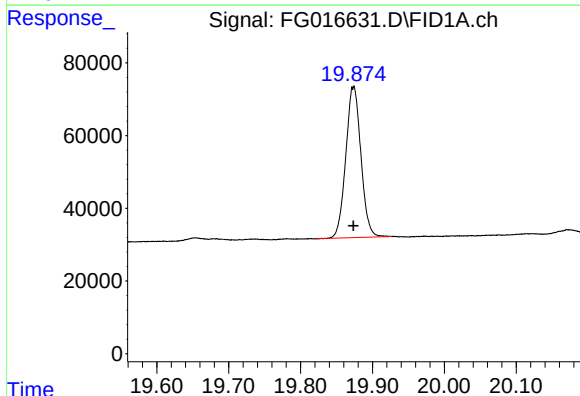
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 706248
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



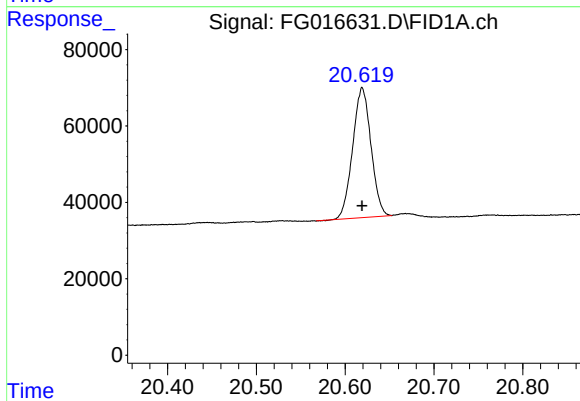
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.000 min
Response: 694705
Conc: 5.67 ug/ml



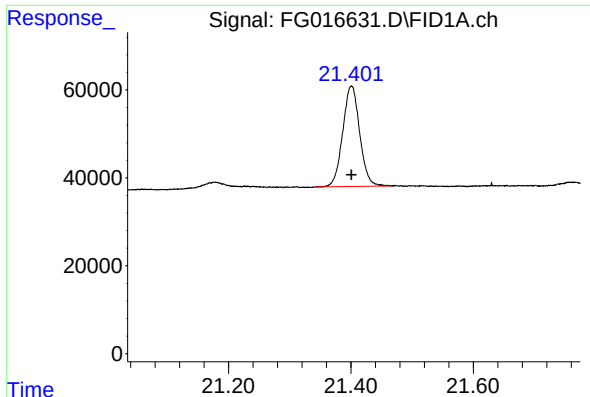
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 606787
Conc: 5.59 ug/ml



#20 n-Hexatriacontane (C36)

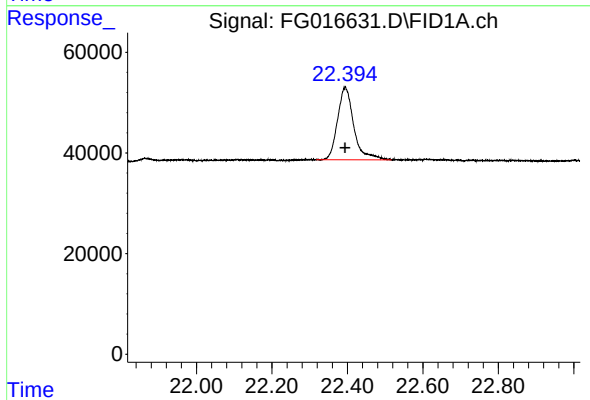
R.T.: 20.619 min
Delta R.T.: 0.000 min
Response: 487239
Conc: 5.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.401 min
Delta R.T.: 0.000 min
Response: 440470
Conc: 5.41 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.394 min
Delta R.T.: 0.000 min
Response: 430934
Conc: 5.59 ug/ml