

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AL\
 Data File : FG016075.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 16:02
 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: Jun 16 06:42:09 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)	12.089	705923	5.619 ug/ml
Spiked Amount 50.000		Recovery =	11.24%
12) S 1-chlorooctadecane (S...	13.532	550881	5.616 ug/ml
Spiked Amount 50.000		Recovery =	11.23%
Target Compounds			
1) T n-Nonane (C9)	3.422	595428	5.642 ug/ml
2) T n-Decane (C10)	4.680	602565	5.629 ug/ml
3) T A~Naphthalene (C11.7)	6.396	656045	5.621 ug/ml
4) T n-Dodecane (C12)	6.857	603165	5.618 ug/ml
5) T A~2-methylnaphthalene...	7.497	638058	5.621 ug/ml
6) T n-Tetradecane (C14)	8.696	604003	5.654 ug/ml
7) T n-Hexadecane (C16)	10.313	622758	5.619 ug/ml
8) T n-Octadecane (C18)	11.766	638246	5.641 ug/ml
10) T n-Eicosane (C20)	13.084	621489	5.614 ug/ml
11) T n-Heneicosane (C21)	13.701	620307	5.634 ug/ml
13) T n-Docosane (C22)	14.290	622270	5.627 ug/ml
14) T n-Tetracosane (C24)	15.400	632301	5.627 ug/ml
15) T n-Hexacosane (C26)	16.427	632980	5.633 ug/ml
16) T n-Octacosane (C28)	17.382	626234	5.649 ug/ml
17) T n-Tricontane (C30)	18.273	640242	5.707 ug/ml
18) T n-Dotriacontane (C32)	19.110	615463	5.743 ug/ml
19) T n-Tetratriacontane (C34)	19.897	558031	5.728 ug/ml
20) T n-Hexatriacontane (C36)	20.640	476929	5.693 ug/ml
21) T n-Octatriacontane (C38)	21.428	423048	5.682 ug/ml
22) T n-Tetracontane (C40)	22.431	380088	5.561 ug/ml

(f)=RT Delta > 1/2 Window

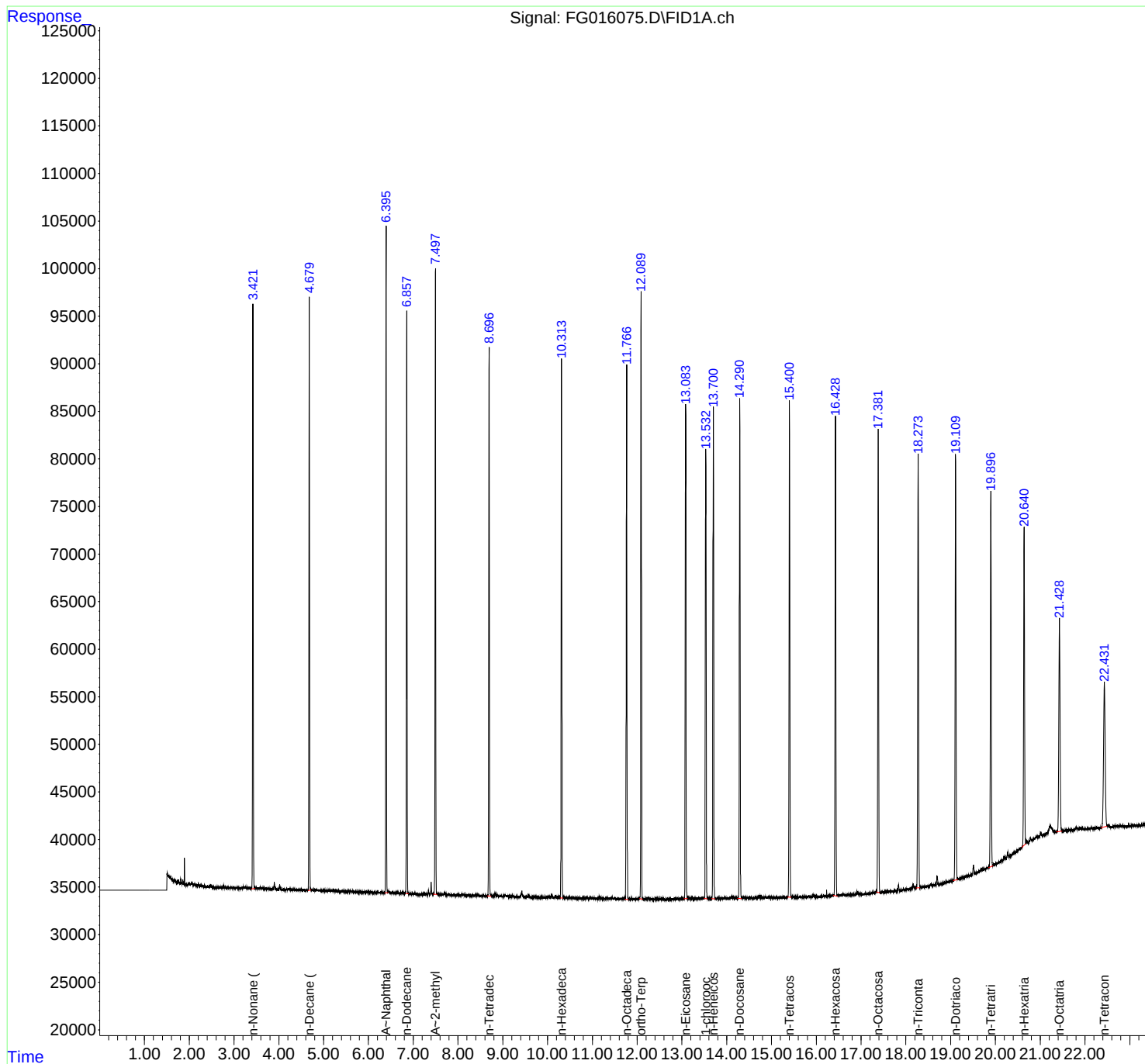
(m)=manual int.

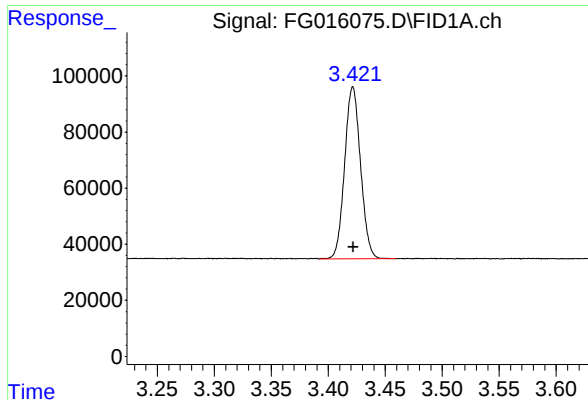
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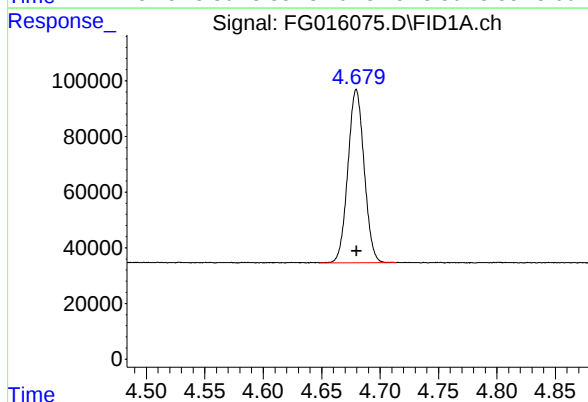




#1 n-Nonane (C9)

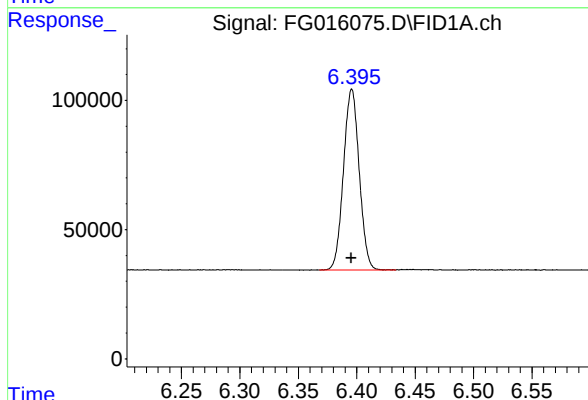
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 595428
Conc: 5.64 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



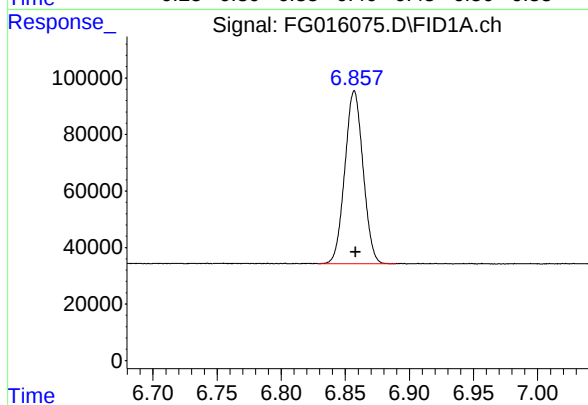
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 602565
Conc: 5.63 ug/ml



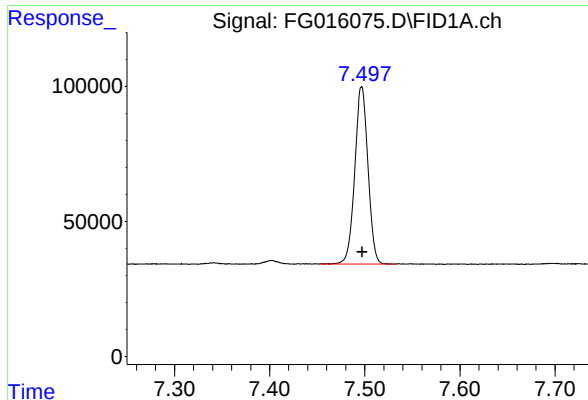
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 656045
Conc: 5.62 ug/ml



#4 n-Dodecane (C12)

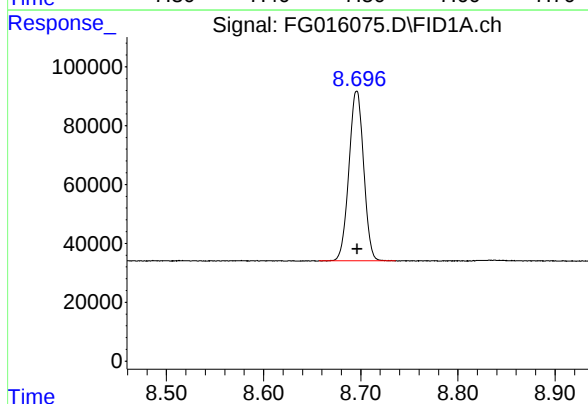
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 603165
Conc: 5.62 ug/ml



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

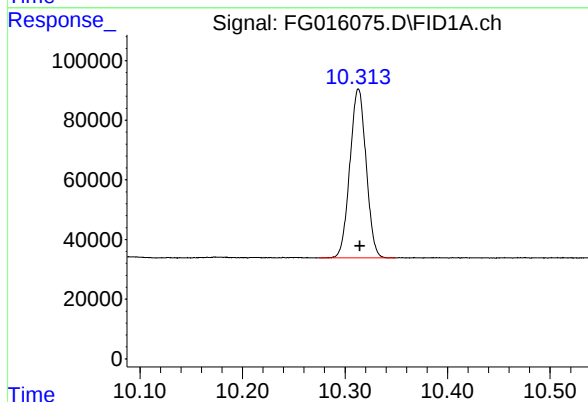
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 638058
Conc: 5.62 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



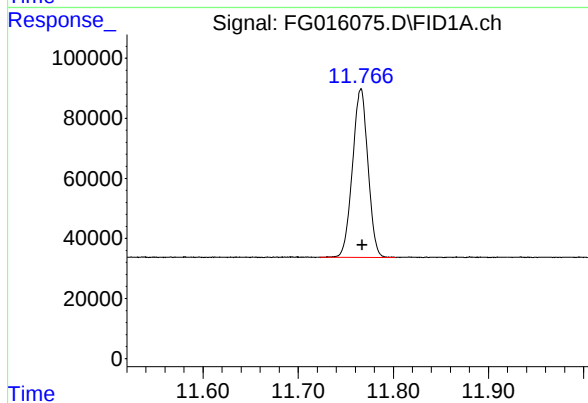
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 604003
Conc: 5.65 ug/ml



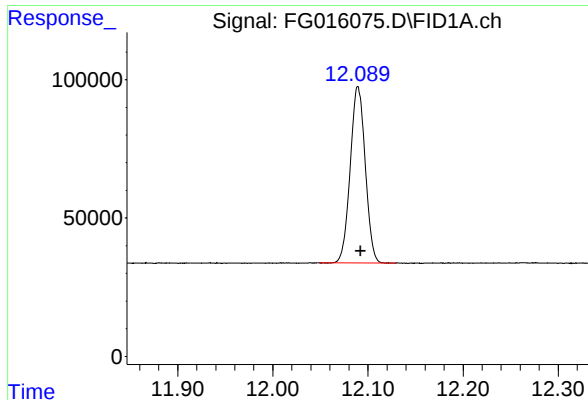
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.001 min
Response: 622758
Conc: 5.62 ug/ml



#8 n-Octadecane (C18)

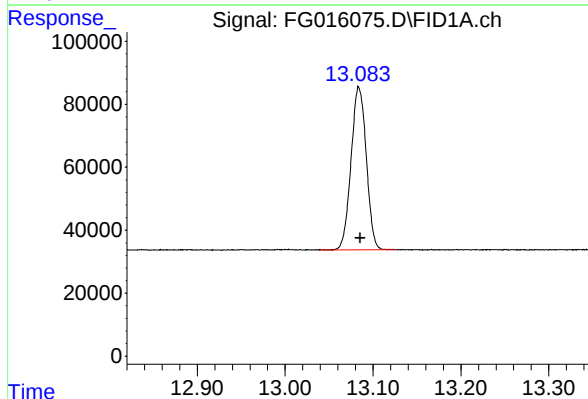
R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 638246
Conc: 5.64 ug/ml



#9 ortho-Terphenyl (SURR)

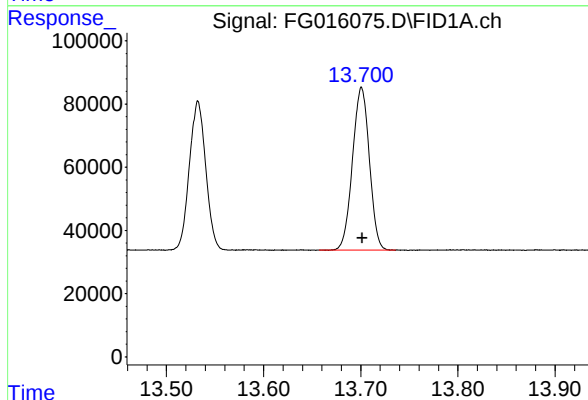
R.T.: 12.089 min
Delta R.T.: -0.003 min
Response: 705923
Conc: 5.62 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



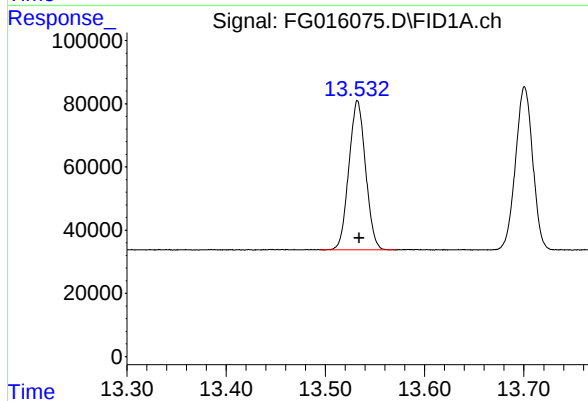
#10 n-Eicosane (C20)

R.T.: 13.084 min
Delta R.T.: -0.002 min
Response: 621489
Conc: 5.61 ug/ml



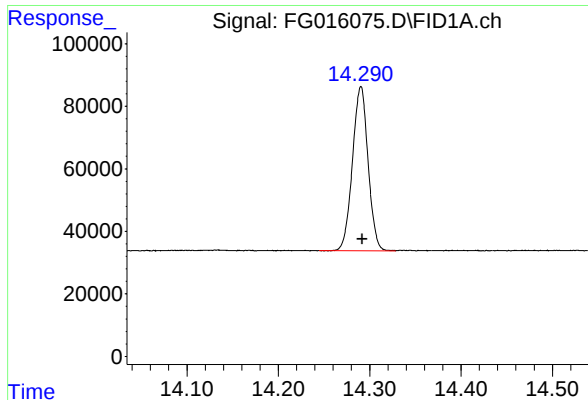
#11 n-Heneicosane (C21)

R.T.: 13.701 min
Delta R.T.: 0.000 min
Response: 620307
Conc: 5.63 ug/ml



#12 1-chlorooctadecane (SURR)

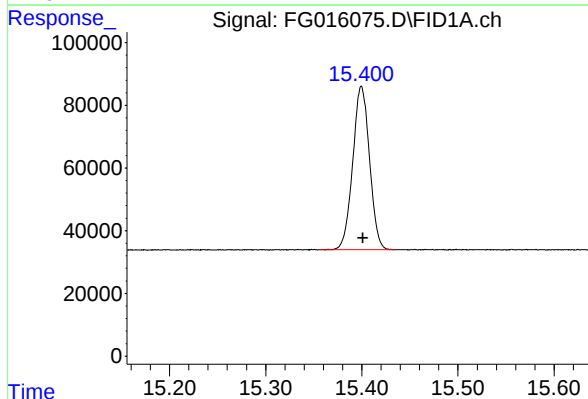
R.T.: 13.532 min
Delta R.T.: -0.002 min
Response: 550881
Conc: 5.62 ug/ml



#13 n-Docosane (C22)

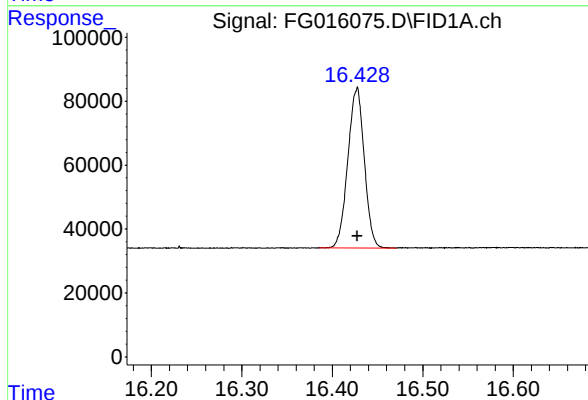
R.T.: 14.290 min
Delta R.T.: -0.001 min
Response: 622270
Conc: 5.63 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



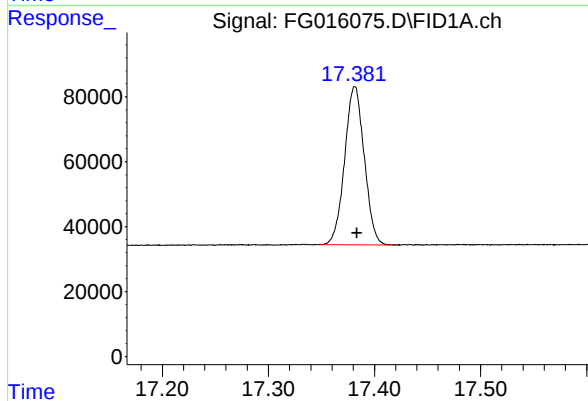
#14 n-Tetracosane (C24)

R.T.: 15.400 min
Delta R.T.: -0.002 min
Response: 632301
Conc: 5.63 ug/ml



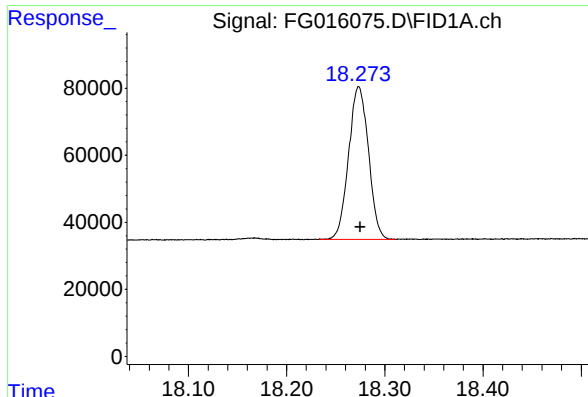
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 632980
Conc: 5.63 ug/ml



#16 n-Octacosane (C28)

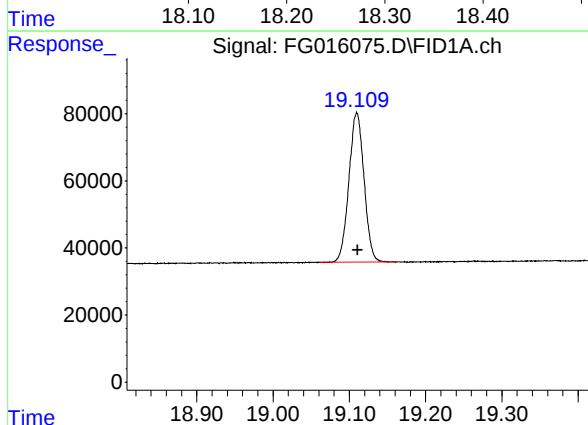
R.T.: 17.382 min
Delta R.T.: -0.002 min
Response: 626234
Conc: 5.65 ug/ml



#17 n-Tricontane (C30)

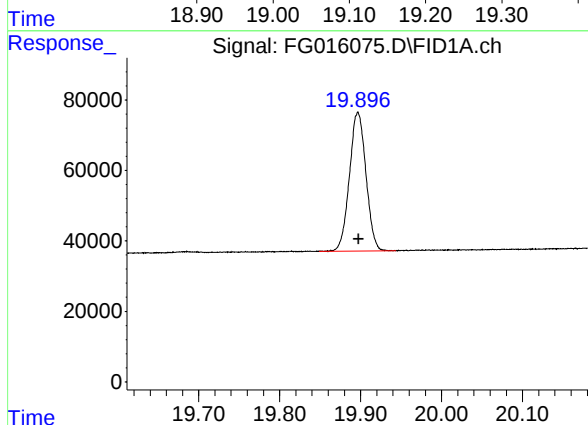
R.T.: 18.273 min
Delta R.T.: -0.002 min
Response: 640242
Conc: 5.71 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



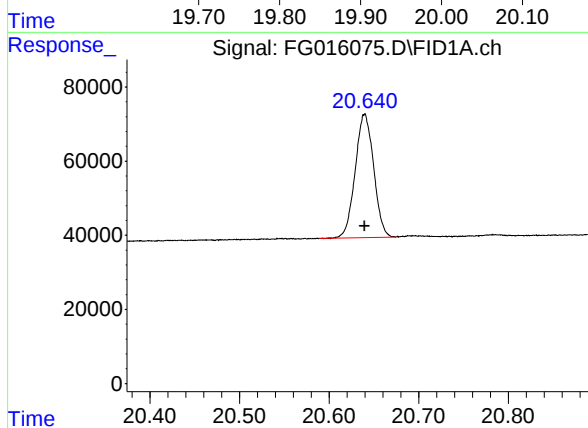
#18 n-Dotriacontane (C32)

R.T.: 19.110 min
Delta R.T.: -0.001 min
Response: 615463
Conc: 5.74 ug/ml



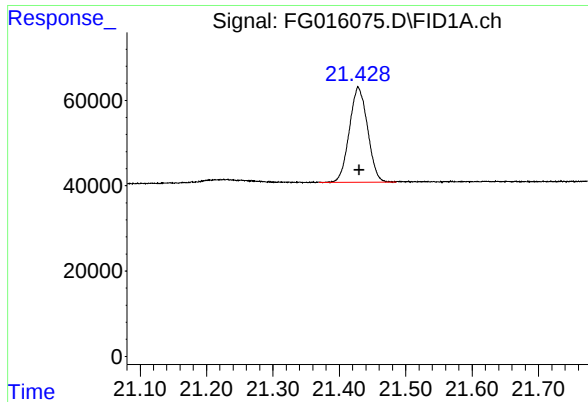
#19 n-Tetratriacontane (C34)

R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 558031
Conc: 5.73 ug/ml



#20 n-Hexatriacontane (C36)

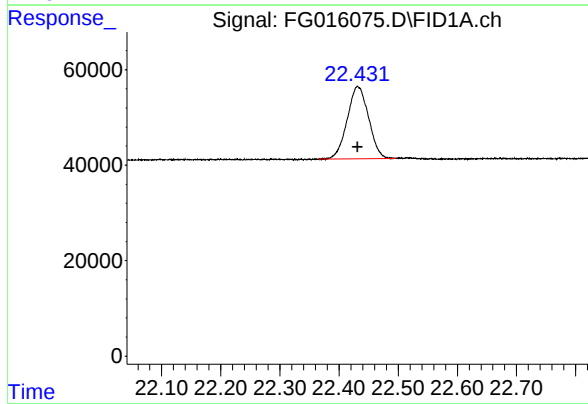
R.T.: 20.640 min
Delta R.T.: 0.000 min
Response: 476929
Conc: 5.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.428 min
Delta R.T.: -0.002 min
Response: 423048
Conc: 5.68 ug/ml

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FID_G
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.431 min
Delta R.T.: 0.000 min
Response: 380088
Conc: 5.56 ug/ml