

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121218AL\
 Data File : FC038154.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2018 11:24
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 12 11:53:12 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 11 15:29:14 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.282	2575714	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	12.725	1973107	19.570 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.121	2222414	21.370 ug/ml
2) T n-Decane (C10)	4.177	2250736	21.490 ug/ml
3) T A~Naphthalene (C11.7)	5.737	2510719	21.374 ug/ml
4) T n-Dodecane (C12)	6.182	2293418	21.243 ug/ml
5) T A~2-methylnaphthalene...	6.785	2480434	21.110 ug/ml
6) T n-Tetradecane (C14)	7.964	2308268	20.667 ug/ml
7) T n-Hexadecane (C16)	9.552	2319486	20.106 ug/ml
8) T n-Octadecane (C18)	10.985	2333543	19.305 ug/ml
10) T n-Eicosane (C20)	12.287	2319697	19.313 ug/ml
11) T n-Heneicosane (C21)	12.896	2309485	19.903 ug/ml
13) T n-Docosane (C22)	13.479	2313062	20.014 ug/ml
14) T n-Tetracosane (C24)	14.576	2324699	20.247 ug/ml
15) T n-Hexacosane (C26)	15.592	2326675	20.683 ug/ml
16) T n-Octacosane (C28)	16.536	2368100	21.068 ug/ml
17) T n-Tricontane (C30)	17.421	2396160	21.833 ug/ml
18) T n-Dotriacontane (C32)	18.249	2294539	22.402 ug/ml
19) T n-Tetratriacontane (C34)	19.029	2001718	22.714 ug/ml
20) T n-Hexatriacontane (C36)	19.766	1884889	24.060 ug/ml
21) T n-Octatriacontane (C38)	20.464	2511538	32.456 ug/ml
22) T n-Tetracontane (C40)	21.270	1830725	20.950 ug/ml

(f)=RT Delta > 1/2 Window

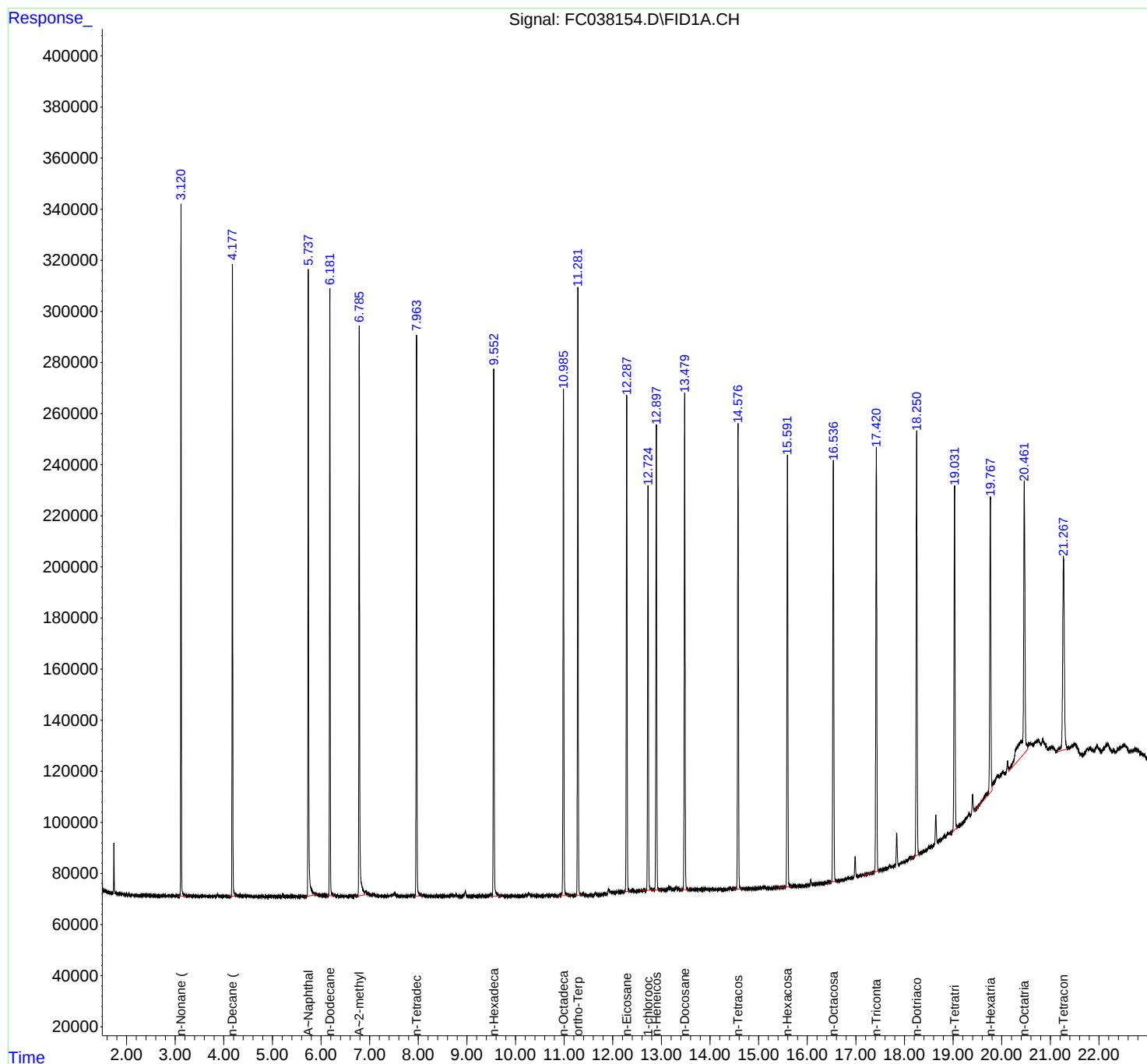
(m)=manual int.

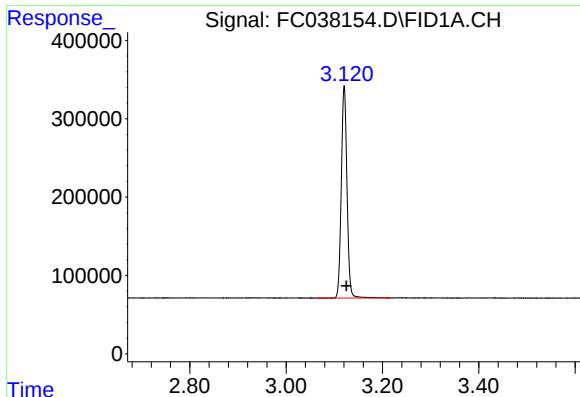
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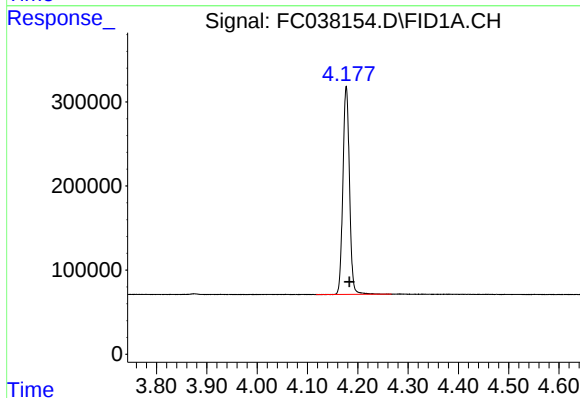




#1 n-Nonane (C9)

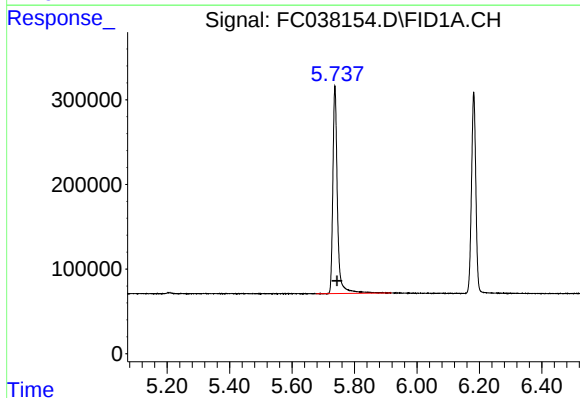
R.T.: 3.121 min
Delta R.T.: -0.004 min
Response: 2222414
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :



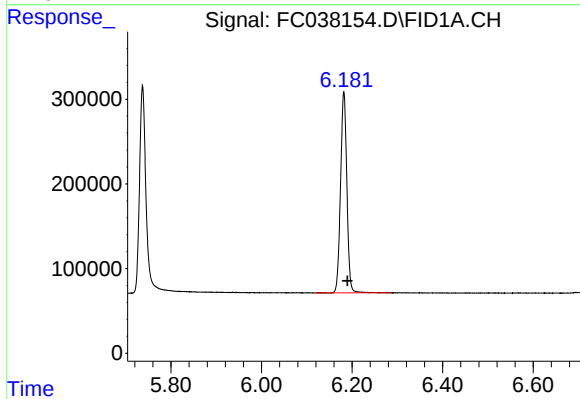
#2 n-Decane (C10)

R.T.: 4.177 min
Delta R.T.: -0.006 min
Response: 2250736
Conc: 21.49 ug/ml



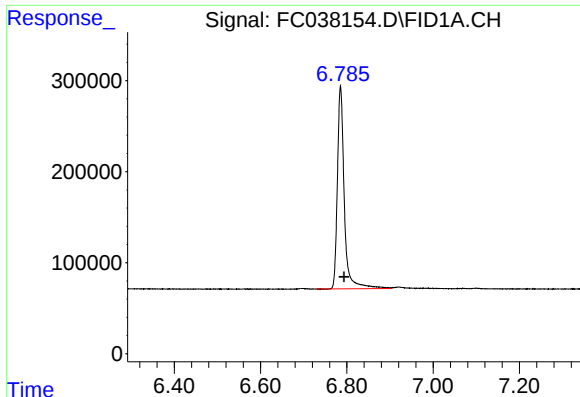
#3 A~Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: -0.006 min
Response: 2510719
Conc: 21.37 ug/ml



#4 n-Dodecane (C12)

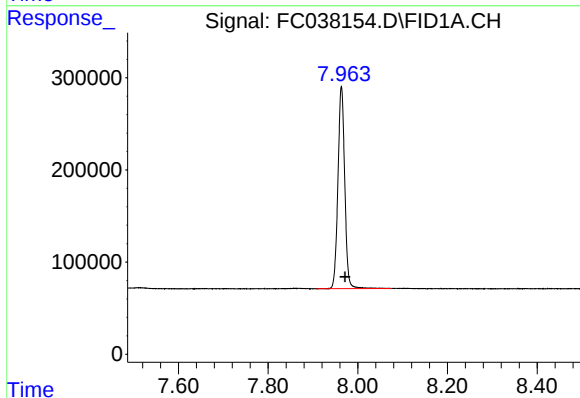
R.T.: 6.182 min
Delta R.T.: -0.008 min
Response: 2293418
Conc: 21.24 ug/ml



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

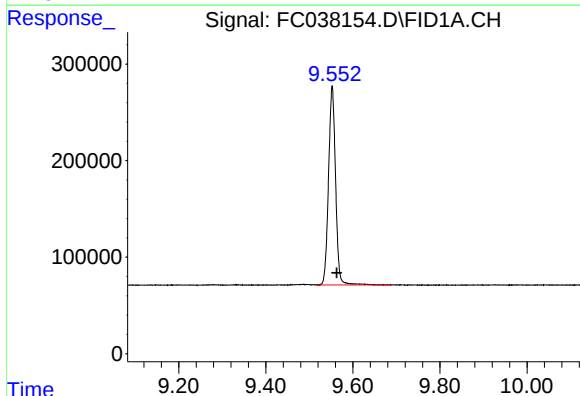
R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 2480434
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :



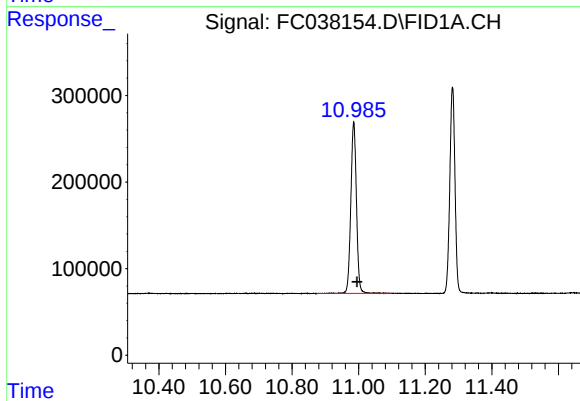
#6 n-Tetradecane (C14)

R.T.: 7.964 min
Delta R.T.: -0.009 min
Response: 2308268
Conc: 20.67 ug/ml



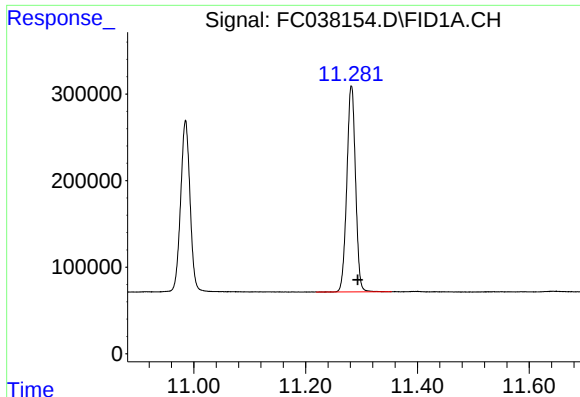
#7 n-Hexadecane (C16)

R.T.: 9.552 min
Delta R.T.: -0.010 min
Response: 2319486
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

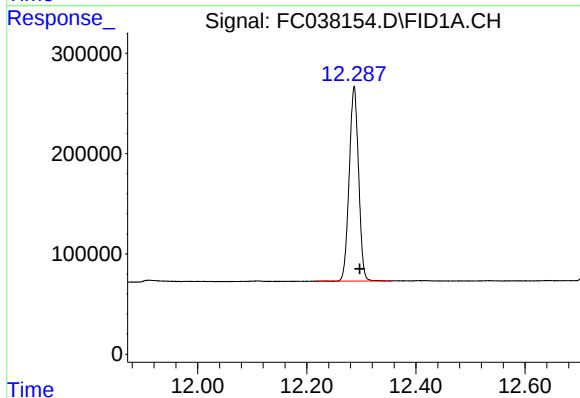
R.T.: 10.985 min
Delta R.T.: -0.011 min
Response: 2333543
Conc: 19.30 ug/ml



#9 ortho-Terphenyl (SURR)

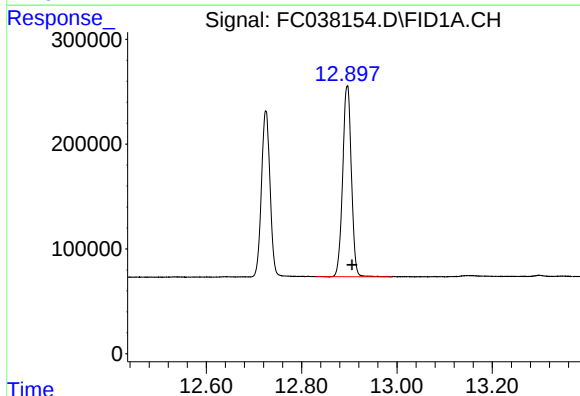
R.T.: 11.282 min
Delta R.T.: -0.012 min
Response: 2575714
Conc: 19.76 ug/ml

Instrument :
FID_C
ClientSampleId :



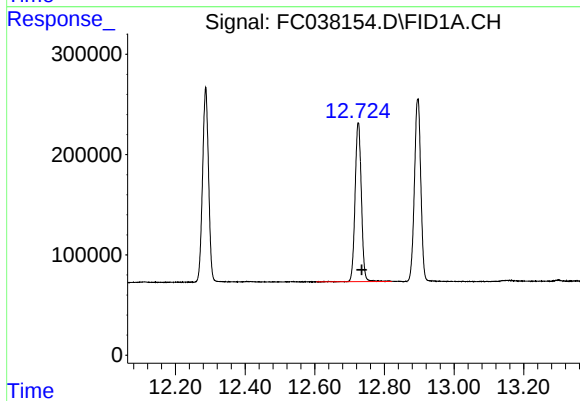
#10 n-Eicosane (C20)

R.T.: 12.287 min
Delta R.T.: -0.010 min
Response: 2319697
Conc: 19.31 ug/ml



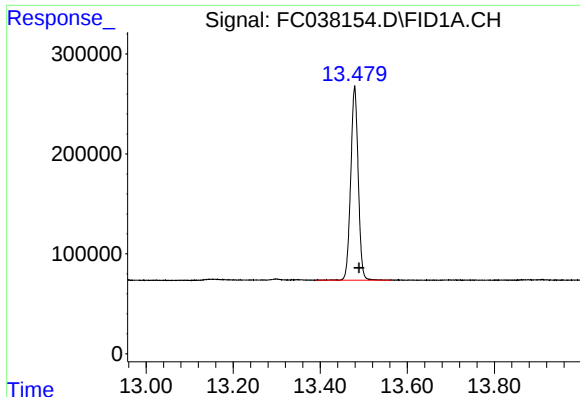
#11 n-Heneicosane (C21)

R.T.: 12.896 min
Delta R.T.: -0.010 min
Response: 2309485
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

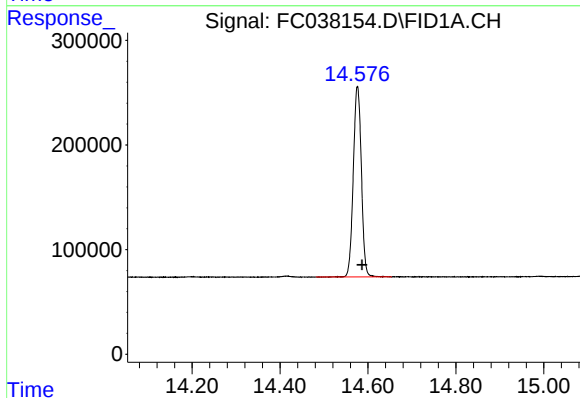
R.T.: 12.725 min
Delta R.T.: -0.010 min
Response: 1973107
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

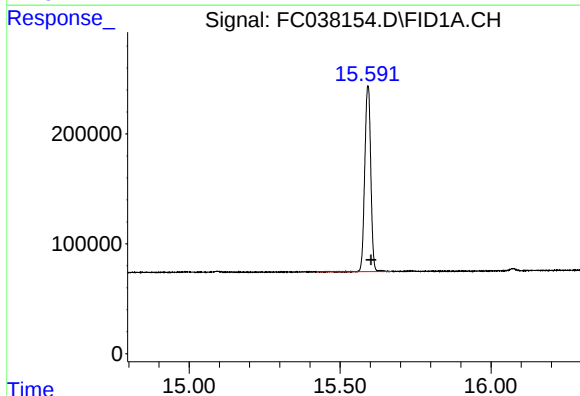
R.T.: 13.479 min
Delta R.T.: -0.010 min
Response: 2313062
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :



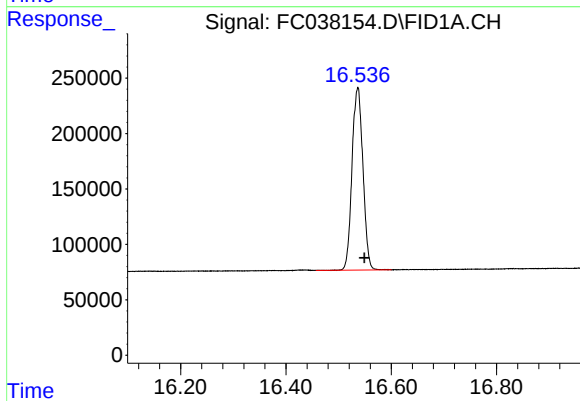
#14 n-Tetracosane (C24)

R.T.: 14.576 min
Delta R.T.: -0.011 min
Response: 2324699
Conc: 20.25 ug/ml



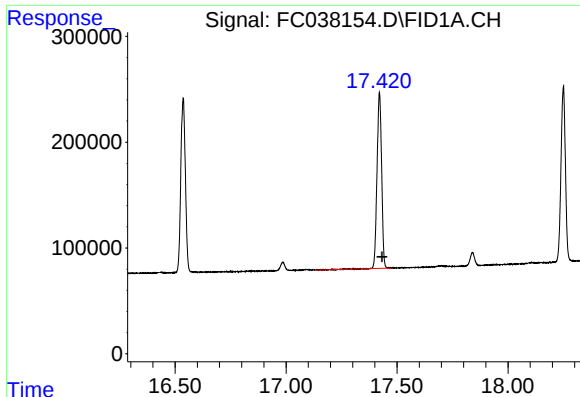
#15 n-Hexacosane (C26)

R.T.: 15.592 min
Delta R.T.: -0.011 min
Response: 2326675
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

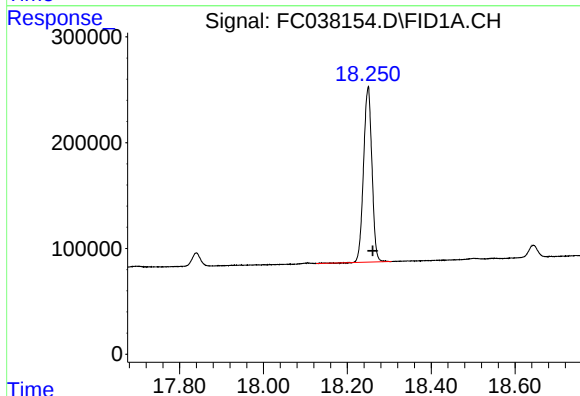
R.T.: 16.536 min
Delta R.T.: -0.013 min
Response: 2368100
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

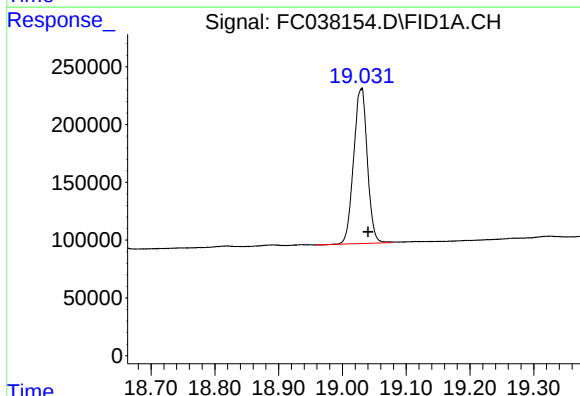
R.T.: 17.421 min
Delta R.T.: -0.012 min
Response: 2396160
Conc: 21.83 ug/ml

Instrument :
FID_C
ClientSampleId :



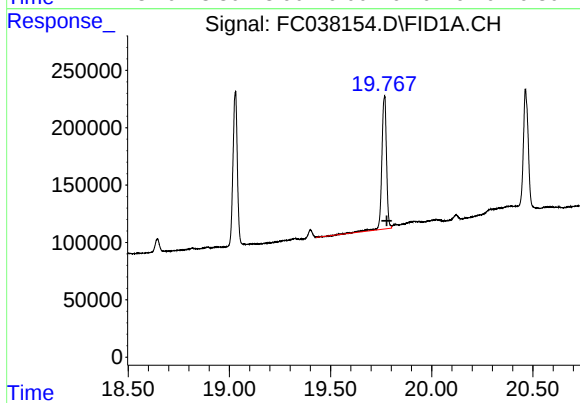
#18 n-Dotriacontane (C32)

R.T.: 18.249 min
Delta R.T.: -0.011 min
Response: 2294539
Conc: 22.40 ug/ml



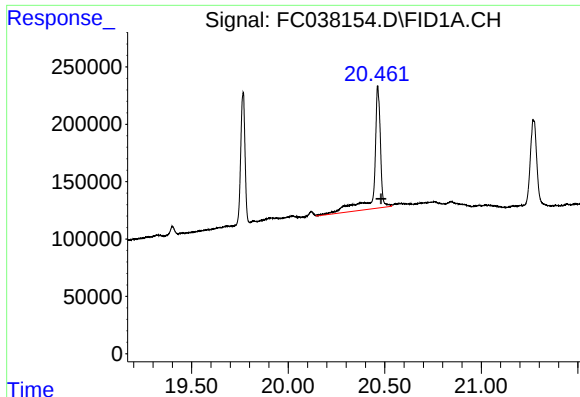
#19 n-Tetratriacontane (C34)

R.T.: 19.029 min
Delta R.T.: -0.011 min
Response: 2001718
Conc: 22.71 ug/ml



#20 n-Hexatriacontane (C36)

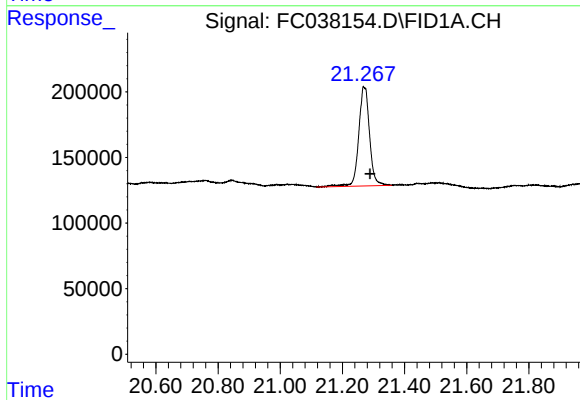
R.T.: 19.766 min
Delta R.T.: -0.013 min
Response: 1884889
Conc: 24.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: -0.017 min
Response: 2511538
Conc: 32.46 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.270 min
Delta R.T.: -0.019 min
Response: 1830725
Conc: 20.95 ug/ml