

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100424AL\
 Data File : FC067341.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2024 20:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 03:32:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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)	11.498	2920503	19.193 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	12.937	2167090	19.145 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.275	2463907	19.438 ug/ml
2) T n-Decane (C10)	4.340	2516550	19.578 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2770242	19.529 ug/ml
4) T n-Dodecane (C12)	6.357	2549706	19.649 ug/ml
5) T A~2-methylnaphthalene...	6.973	2688889	19.600 ug/ml
6) T n-Tetradecane (C14)	8.149	2520812	19.572 ug/ml
7) T n-Hexadecane (C16)	9.747	2581723	19.394 ug/ml
8) T n-Octadecane (C18)	11.187	2620514	19.325 ug/ml
10) T n-Eicosane (C20)	12.494	2509476	19.219 ug/ml
11) T n-Heneicosane (C21)	13.106	2464724	19.217 ug/ml
13) T n-Docosane (C22)	13.691	2454110	19.220 ug/ml
14) T n-Tetracosane (C24)	14.792	2444043	19.110 ug/ml
15) T n-Hexacosane (C26)	15.811	2409117	19.107 ug/ml
16) T n-Octacosane (C28)	16.761	2426135	19.312 ug/ml
17) T n-Tricontane (C30)	17.646	2573478	19.977 ug/ml
18) T n-Dotriacontane (C32)	18.477	2535646	20.297 ug/ml
19) T n-Tetratriacontane (C34)	19.260	2201979	20.150 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1842884	19.498 ug/ml
21) T n-Octatriacontane (C38)	20.722	1708511	19.481 ug/ml
22) T n-Tetracontane (C40)	21.607	1680013	19.524 ug/ml

(f)=RT Delta > 1/2 Window

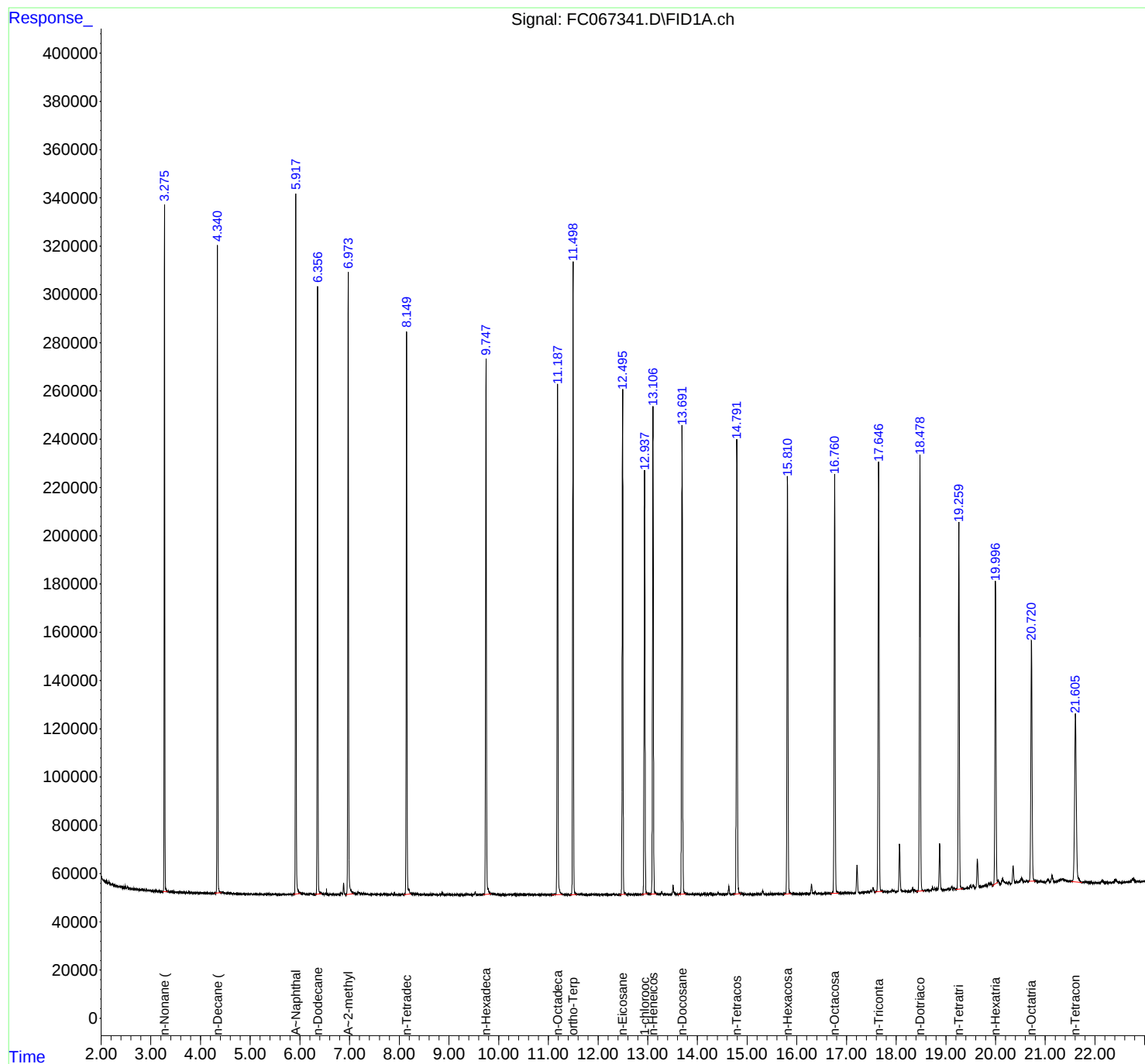
(m)=manual int.

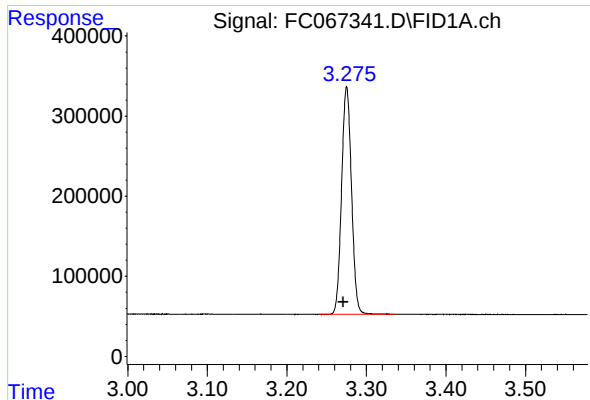
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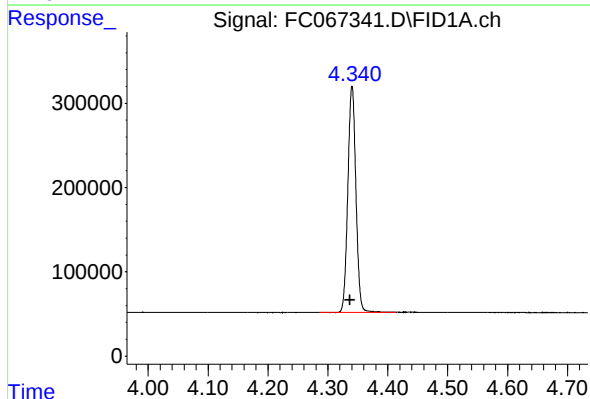




#1 n-Nonane (C9)

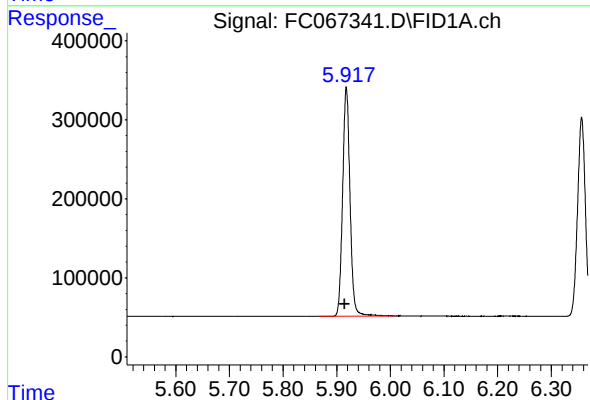
R.T.: 3.275 min
Delta R.T.: 0.004 min
Response: 2463907
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :



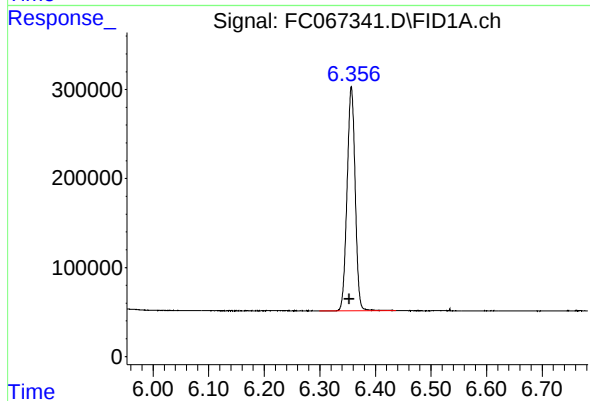
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.003 min
Response: 2516550
Conc: 19.58 ug/ml



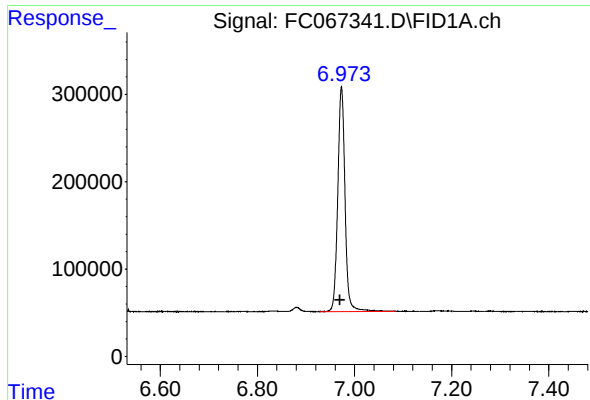
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 2770242
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

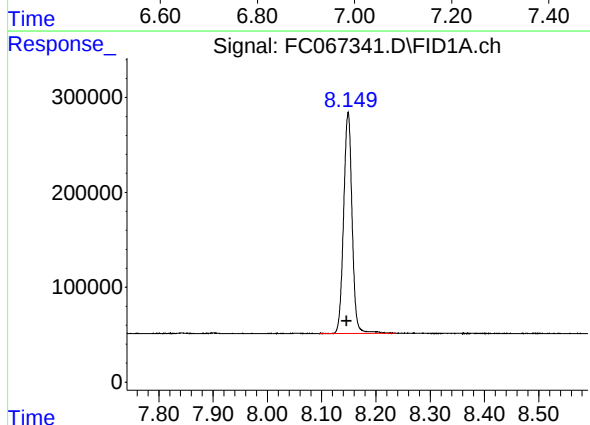
R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 2549706
Conc: 19.65 ug/ml



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

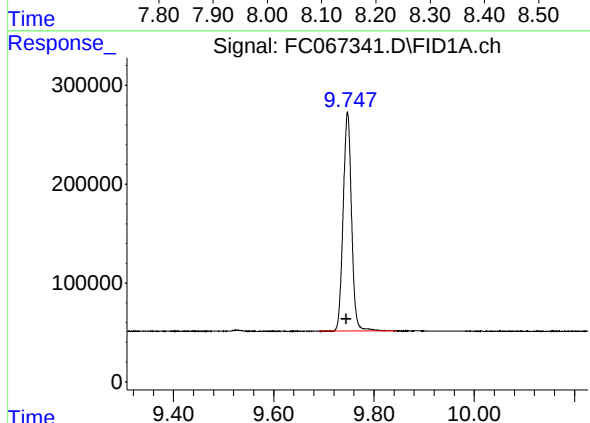
R.T.: 6.973 min
Delta R.T.: 0.003 min
Response: 2688889
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



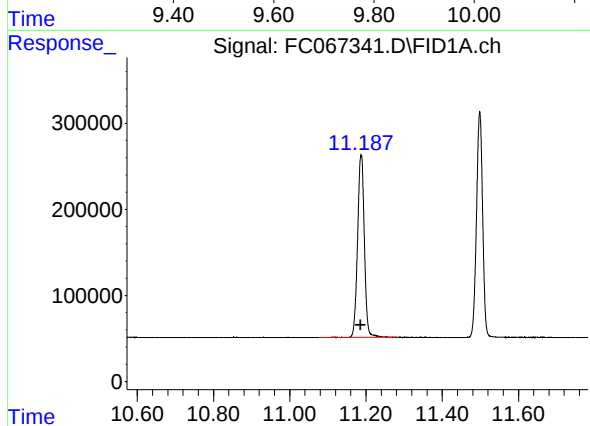
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 2520812
Conc: 19.57 ug/ml



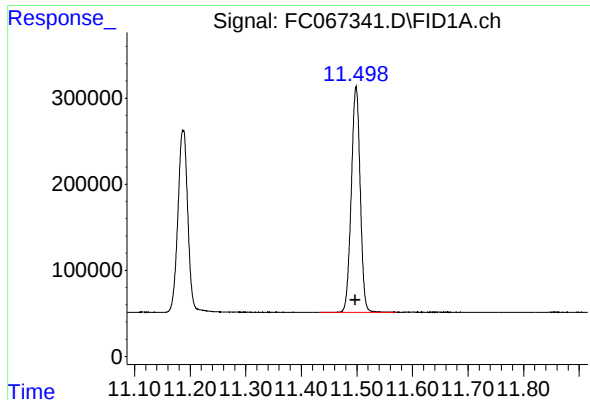
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.002 min
Response: 2581723
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

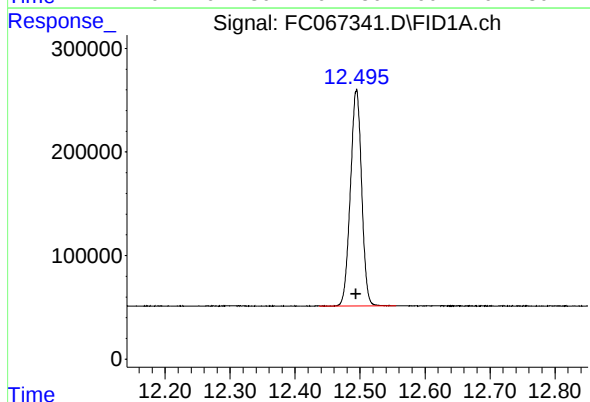
R.T.: 11.187 min
Delta R.T.: 0.001 min
Response: 2620514
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

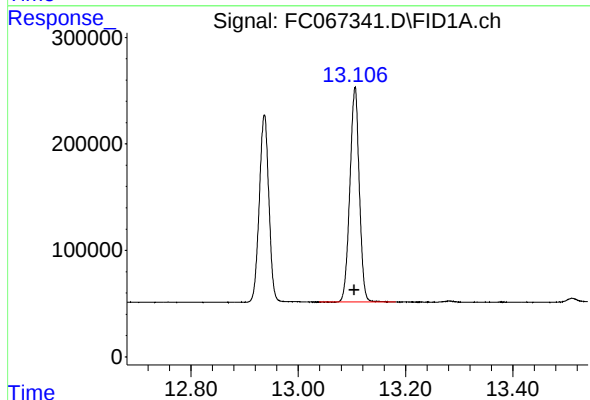
R.T.: 11.498 min
Delta R.T.: 0.001 min
Response: 2920503
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :



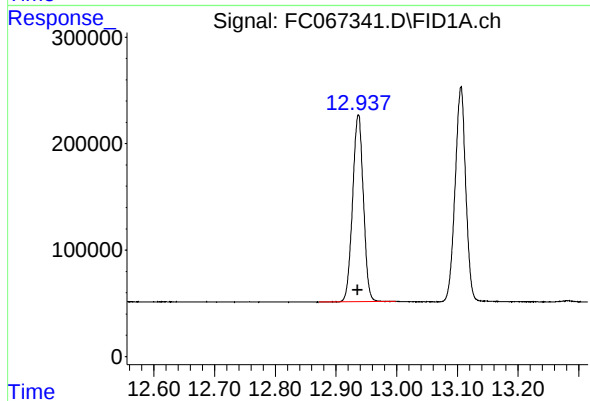
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.000 min
Response: 2509476
Conc: 19.22 ug/ml



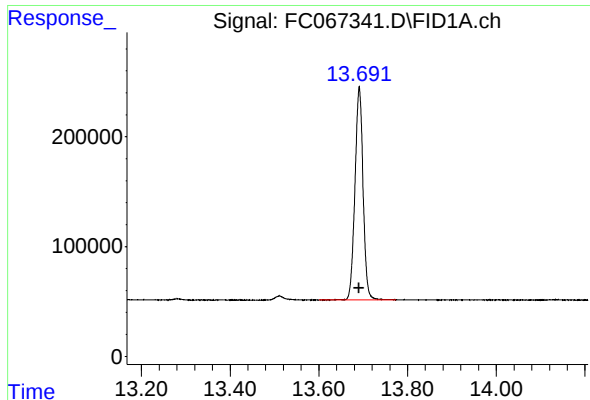
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 2464724
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

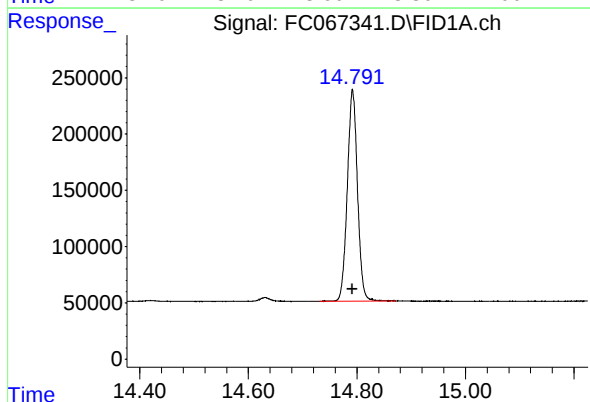
R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 2167090
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

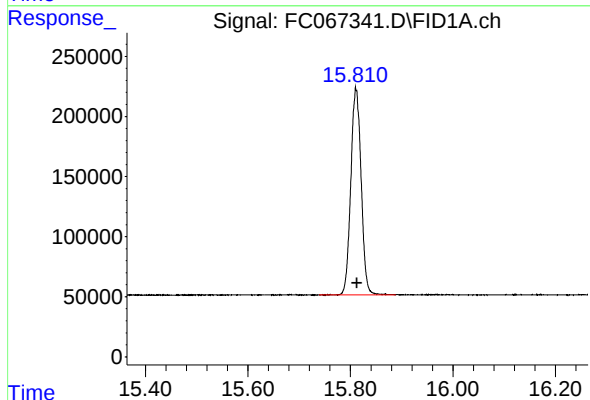
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 2454110
Conc: 19.22 ug/ml

Instrument :
FID_C
ClientSampleId :



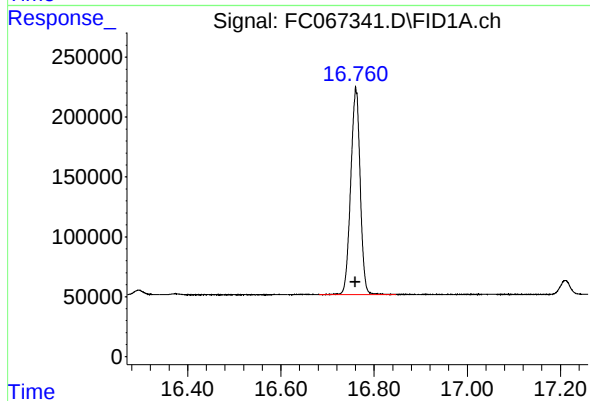
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 2444043
Conc: 19.11 ug/ml



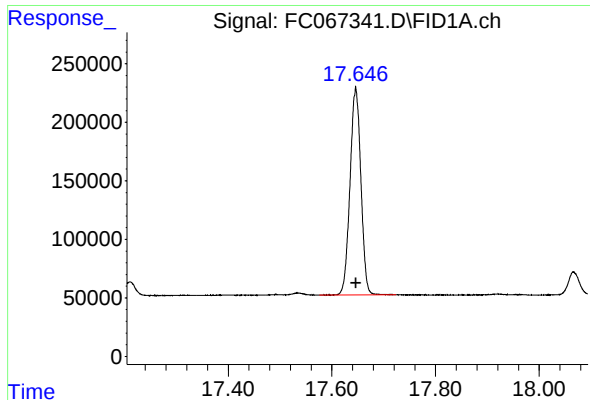
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 2409117
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

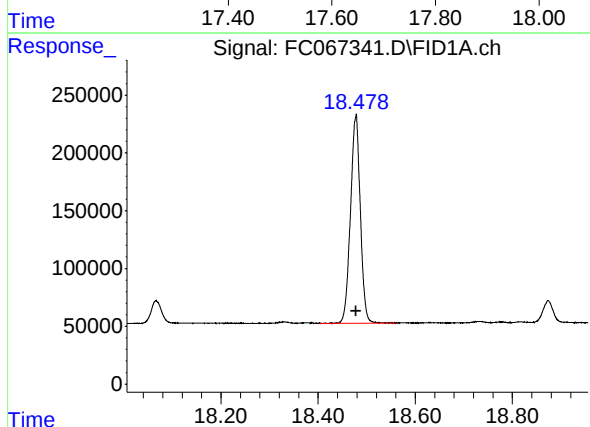
R.T.: 16.761 min
Delta R.T.: 0.001 min
Response: 2426135
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

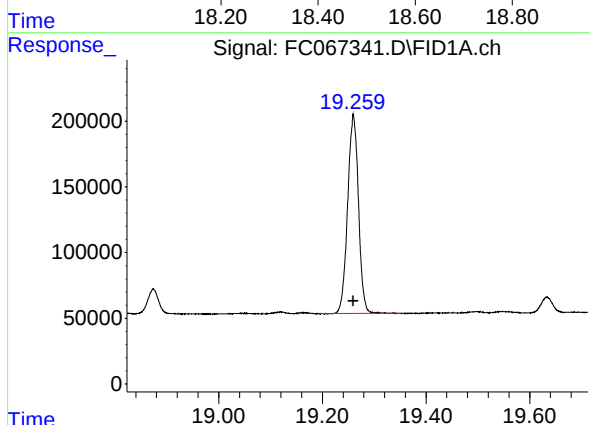
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2573478
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :



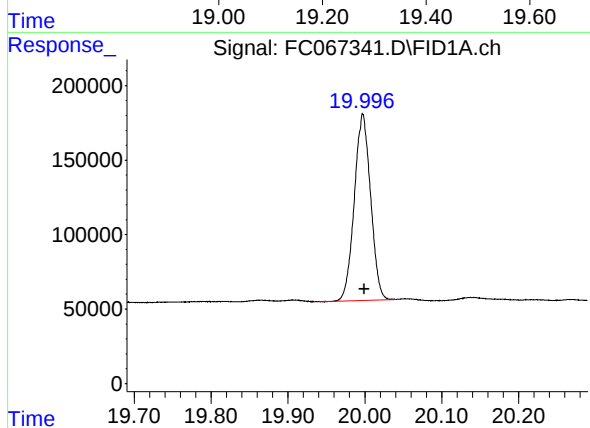
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2535646
Conc: 20.30 ug/ml



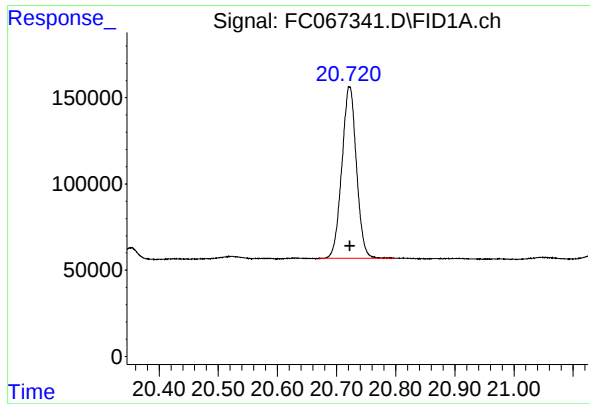
#19 n-Tetatriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 2201979
Conc: 20.15 ug/ml



#20 n-Hexatriacontane (C36)

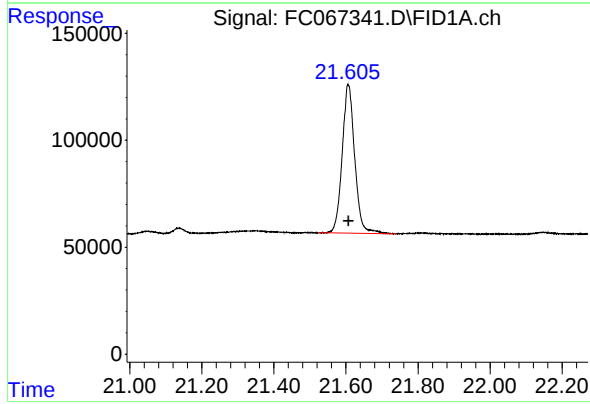
R.T.: 19.997 min
Delta R.T.: -0.002 min
Response: 1842884
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.000 min
Response: 1708511
Conc: 19.48 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: -0.001 min
Response: 1680013
Conc: 19.52 ug/ml