

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100424AL\
 Data File : FC067334.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2024 13:32
 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 03:32:17 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)	11.499	2972247	19.533 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.938	2214883	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.276	2484946	19.604 ug/ml
2) T n-Decane (C10)	4.341	2550118	19.839 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2807153	19.789 ug/ml
4) T n-Dodecane (C12)	6.357	2570239	19.807 ug/ml
5) T A~2-methylnaphthalene...	6.973	2718425	19.815 ug/ml
6) T n-Tetradecane (C14)	8.149	2564738	19.913 ug/ml
7) T n-Hexadecane (C16)	9.748	2638707	19.822 ug/ml
8) T n-Octadecane (C18)	11.188	2676098	19.735 ug/ml
10) T n-Eicosane (C20)	12.495	2570965	19.690 ug/ml
11) T n-Heneicosane (C21)	13.106	2523081	19.672 ug/ml
13) T n-Docosane (C22)	13.691	2503676	19.608 ug/ml
14) T n-Tetracosane (C24)	14.792	2494284	19.503 ug/ml
15) T n-Hexacosane (C26)	15.812	2455495	19.475 ug/ml
16) T n-Octacosane (C28)	16.760	2459174	19.575 ug/ml
17) T n-Tricontane (C30)	17.647	2598448	20.170 ug/ml
18) T n-Dotriacontane (C32)	18.478	2569835	20.571 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2212541	20.247 ug/ml
20) T n-Hexatriacontane (C36)	19.999	1887795	19.973 ug/ml
21) T n-Octatriacontane (C38)	20.722	1723781	19.655 ug/ml
22) T n-Tetracontane (C40)	21.609	1694641	19.694 ug/ml

(f)=RT Delta > 1/2 Window

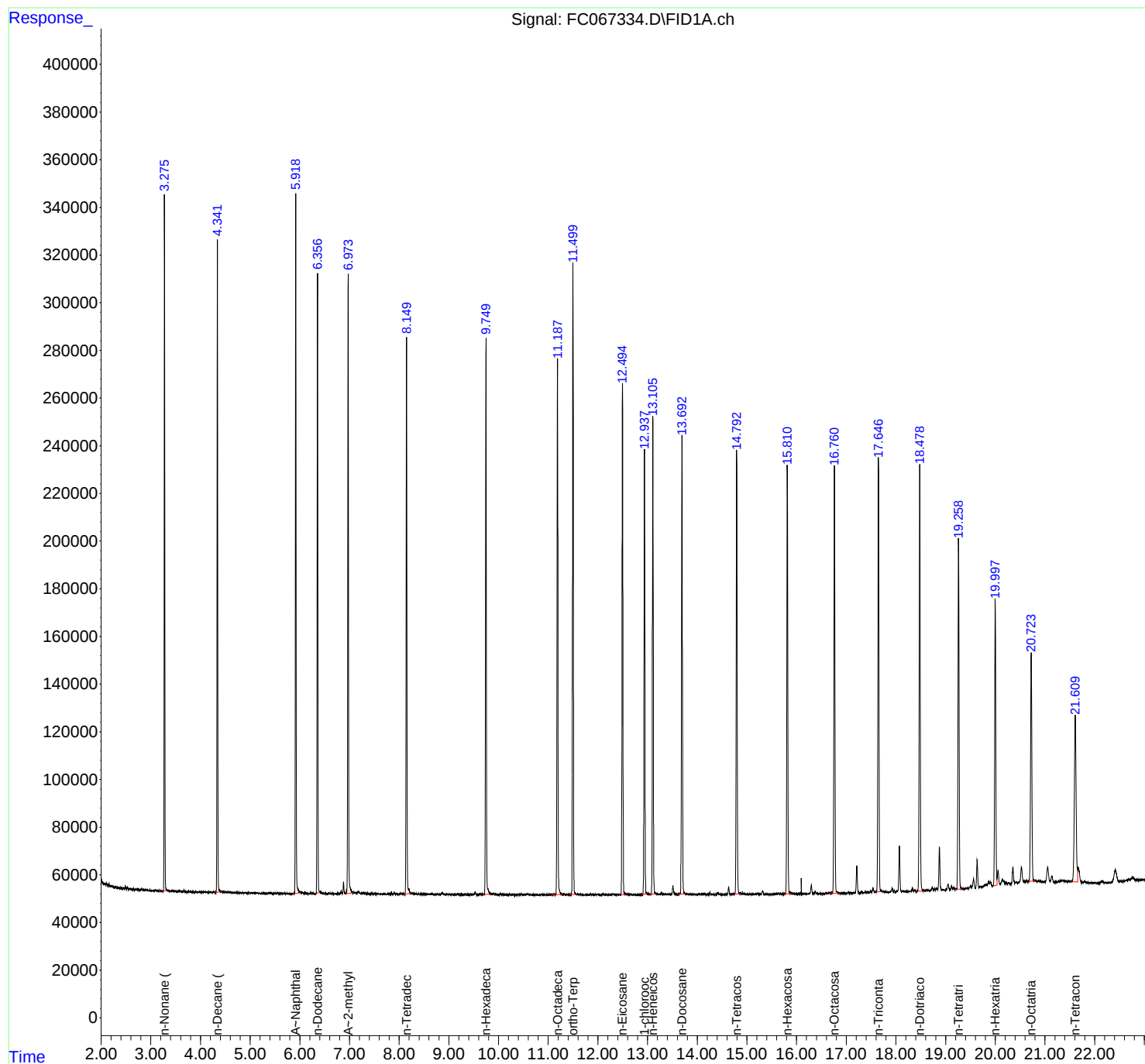
(m)=manual int.

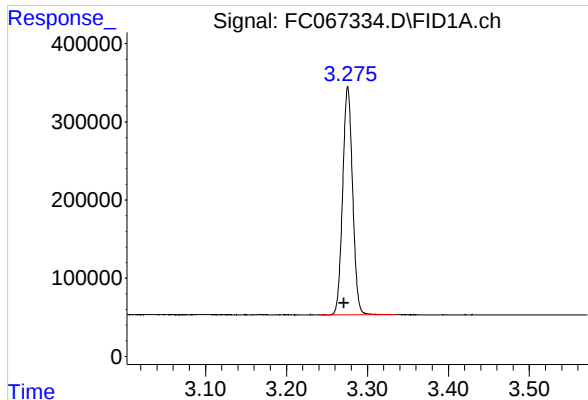
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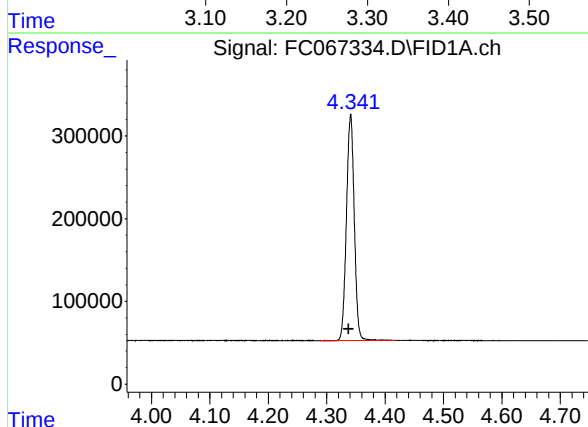




#1 n-Nonane (C9)

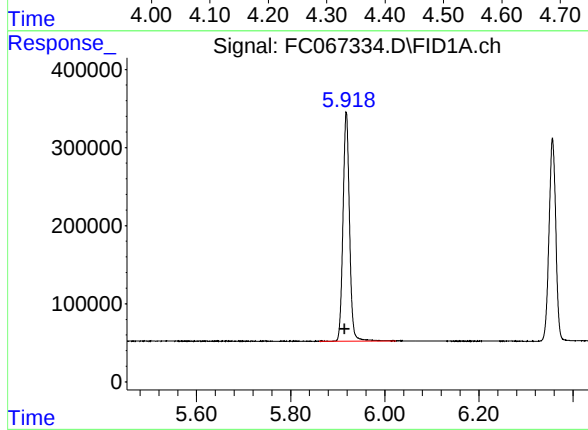
R.T.: 3.276 min
Delta R.T.: 0.005 min
Response: 2484946
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



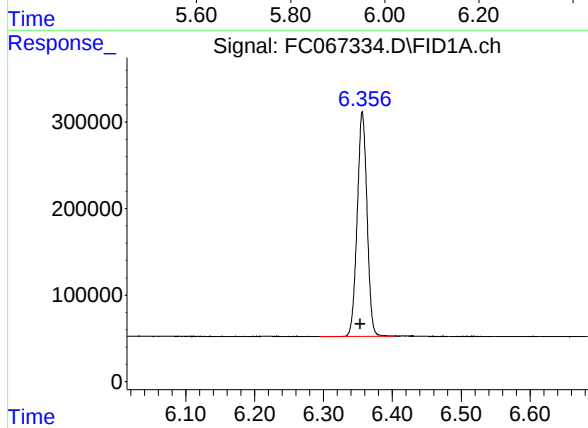
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.004 min
Response: 2550118
Conc: 19.84 ug/ml



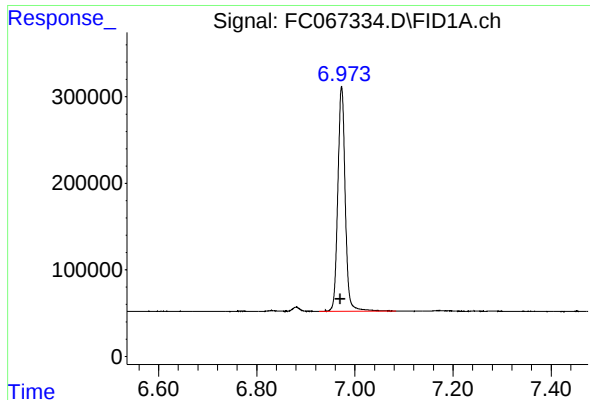
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.003 min
Response: 2807153
Conc: 19.79 ug/ml



#4 n-Dodecane (C12)

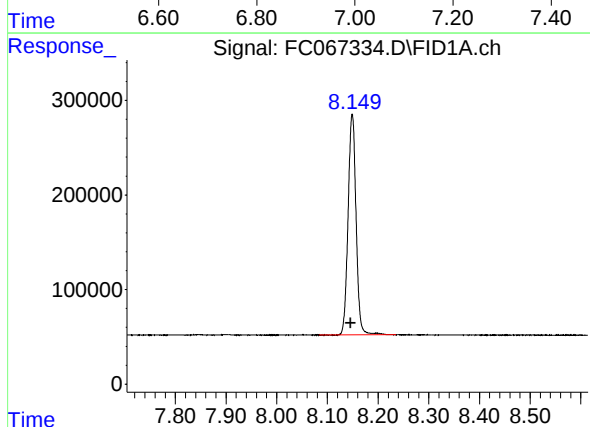
R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 2570239
Conc: 19.81 ug/ml



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

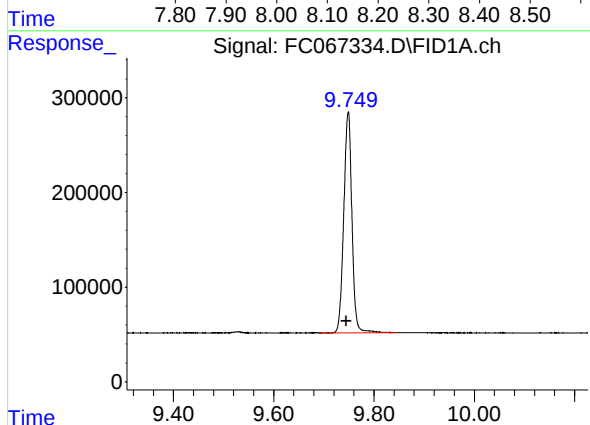
R.T.: 6.973 min
Delta R.T.: 0.003 min
Response: 2718425
Conc: 19.82 ug/ml

Instrument :
FID_C
ClientSampleId :



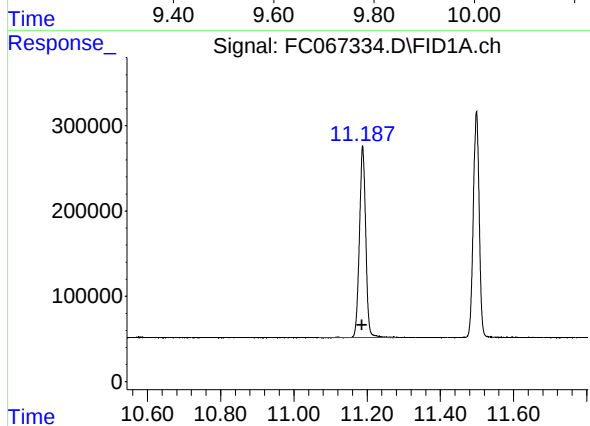
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.003 min
Response: 2564738
Conc: 19.91 ug/ml



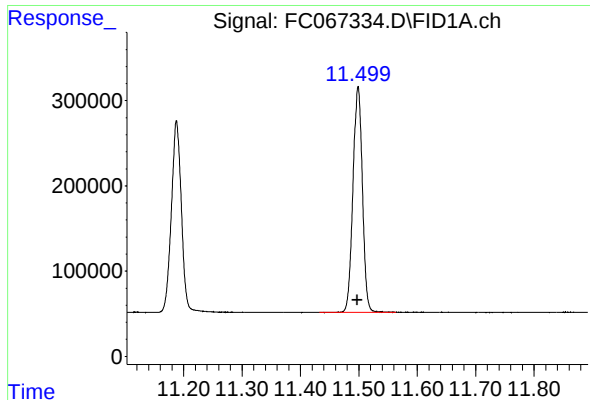
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.003 min
Response: 2638707
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

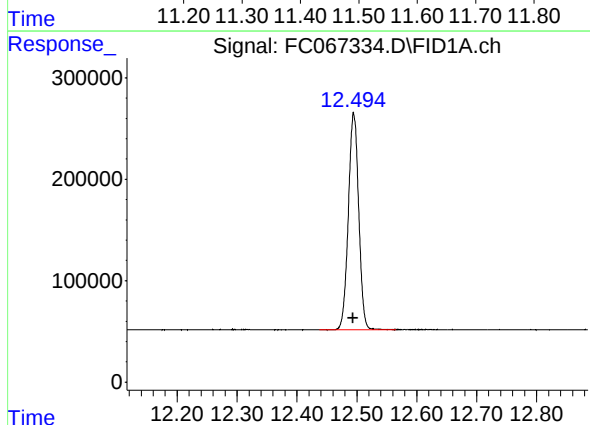
R.T.: 11.188 min
Delta R.T.: 0.002 min
Response: 2676098
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

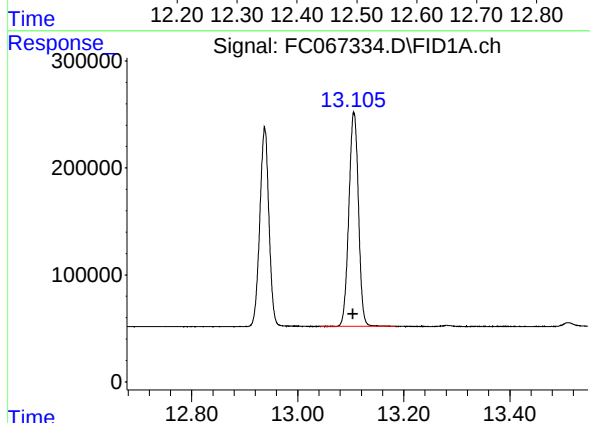
R.T.: 11.499 min
Delta R.T.: 0.002 min
Response: 2972247
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :



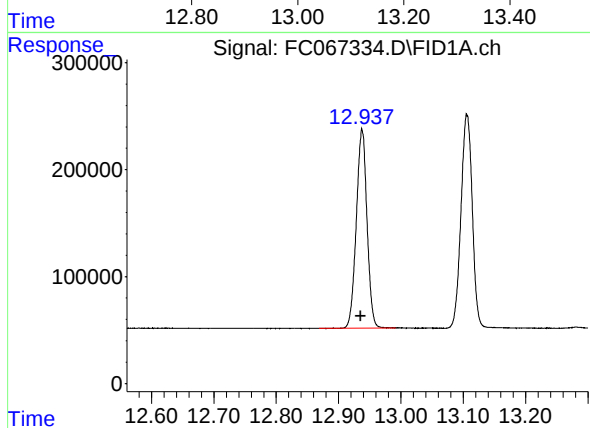
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.001 min
Response: 2570965
Conc: 19.69 ug/ml



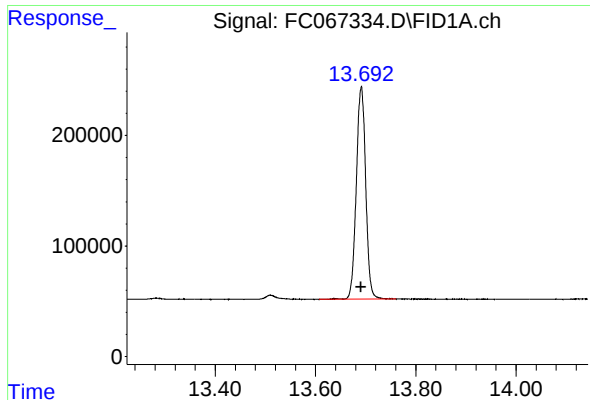
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 2523081
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

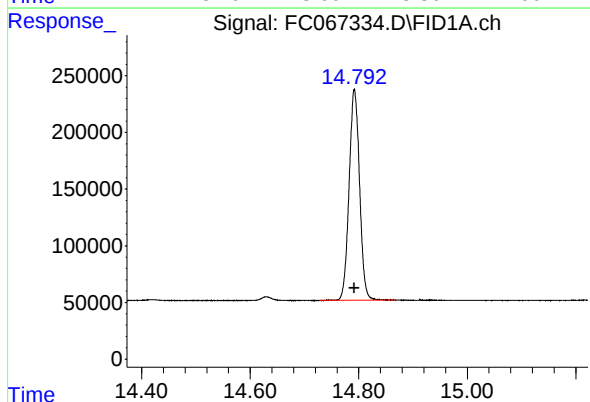
R.T.: 12.938 min
Delta R.T.: 0.002 min
Response: 2214883
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

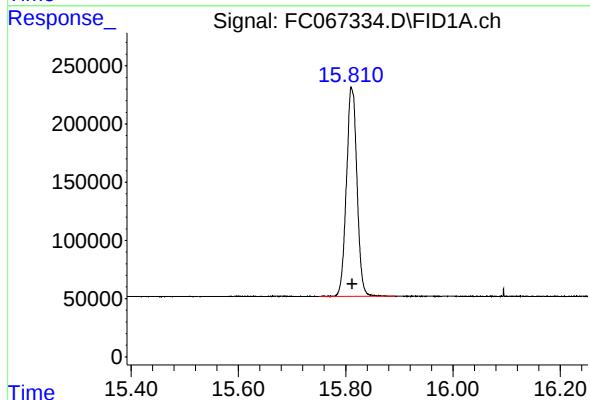
R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 2503676
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :



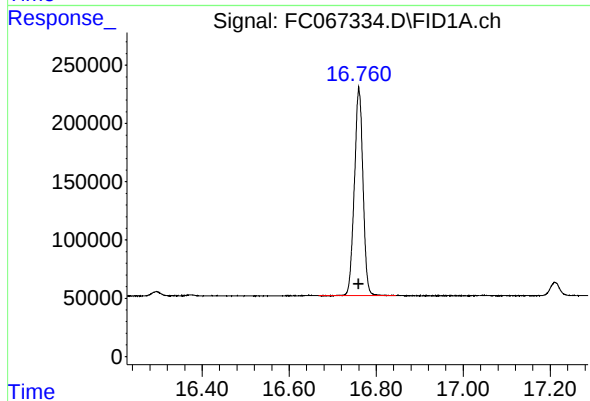
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 2494284
Conc: 19.50 ug/ml



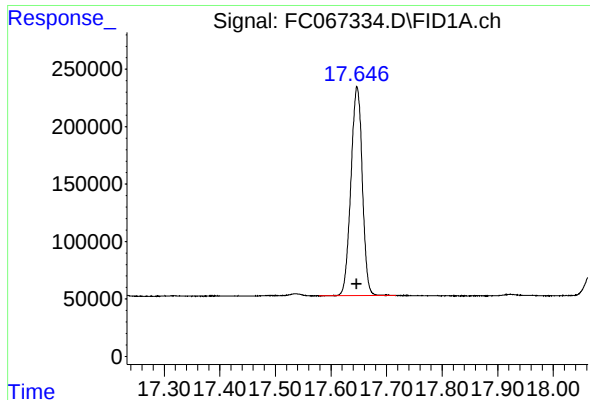
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.000 min
Response: 2455495
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

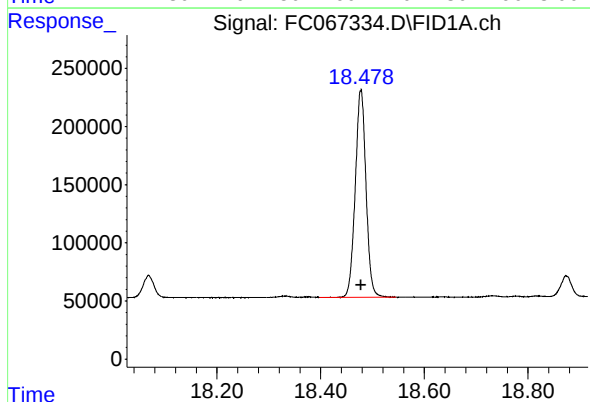
R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 2459174
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

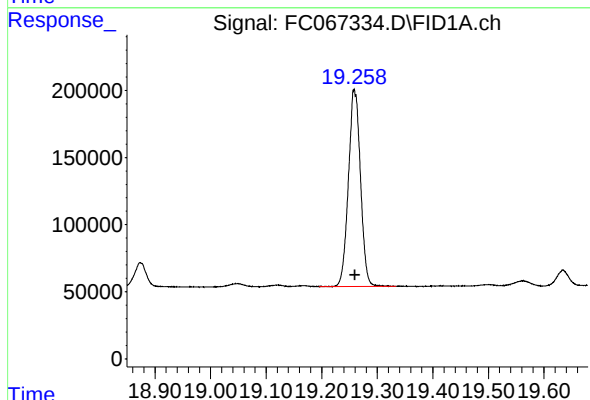
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 2598448
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :



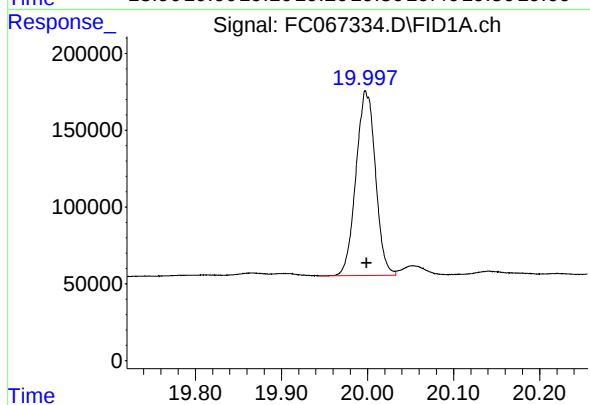
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2569835
Conc: 20.57 ug/ml



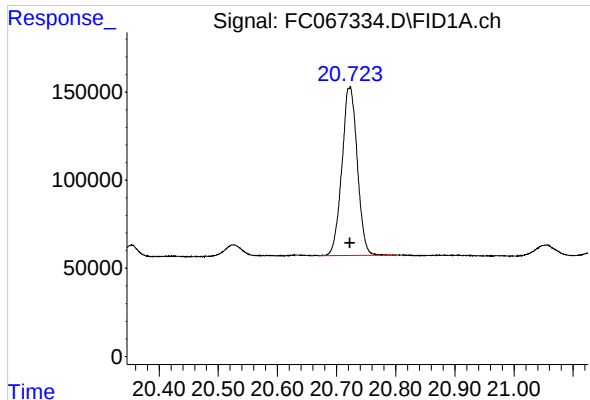
#19 n-Tetratriacontane (C34)

R.T.: 19.259 min
Delta R.T.: 0.000 min
Response: 2212541
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

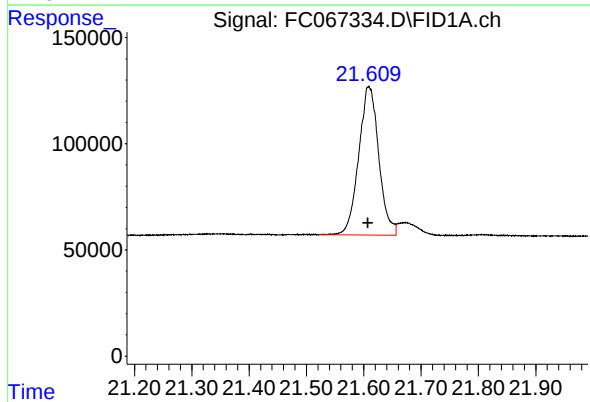
R.T.: 19.999 min
Delta R.T.: 0.000 min
Response: 1887795
Conc: 19.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.000 min
Response: 1723781
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.001 min
Response: 1694641
Conc: 19.69 ug/ml