

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020524AL\
 Data File : FC065621.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2024 10:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 06 04:40:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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)	11.493	3499529	19.244 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	12.924	2548022	18.903 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
Target Compounds			
1) T n-Nonane (C9)	3.283	3095293	19.815 ug/ml
2) T n-Decane (C10)	4.346	3143108	19.868 ug/ml
3) T A~Naphthalene (C11.7)	5.935	3238194	19.364 ug/ml
4) T n-Dodecane (C12)	6.360	3195131	19.915 ug/ml
5) T A~2-methylnaphthalene...	6.991	3000252	19.443 ug/ml
6) T n-Tetradecane (C14)	8.149	3077638	19.623 ug/ml
7) T n-Hexadecane (C16)	9.743	3095654	19.357 ug/ml
8) T n-Octadecane (C18)	11.178	3171673	19.365 ug/ml
10) T n-Eicosane (C20)	12.481	3066847	19.254 ug/ml
11) T n-Heneicosane (C21)	13.088	3035674	19.348 ug/ml
13) T n-Docosane (C22)	13.673	3021251	19.351 ug/ml
14) T n-Tetracosane (C24)	14.770	3021340	19.439 ug/ml
15) T n-Hexacosane (C26)	15.786	2986921	19.457 ug/ml
16) T n-Octacosane (C28)	16.732	2946528	19.549 ug/ml
17) T n-Tricontane (C30)	17.615	3001605	19.653 ug/ml
18) T n-Dotriacontane (C32)	18.444	2954056	19.619 ug/ml
19) T n-Tetratriacontane (C34)	19.224	2869004	19.982 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2777629	20.163 ug/ml
21) T n-Octatriacontane (C38)	20.676	2724031	19.689 ug/ml
22) T n-Tetracontane (C40)	21.546	2601548	18.801 ug/ml

(f)=RT Delta > 1/2 Window

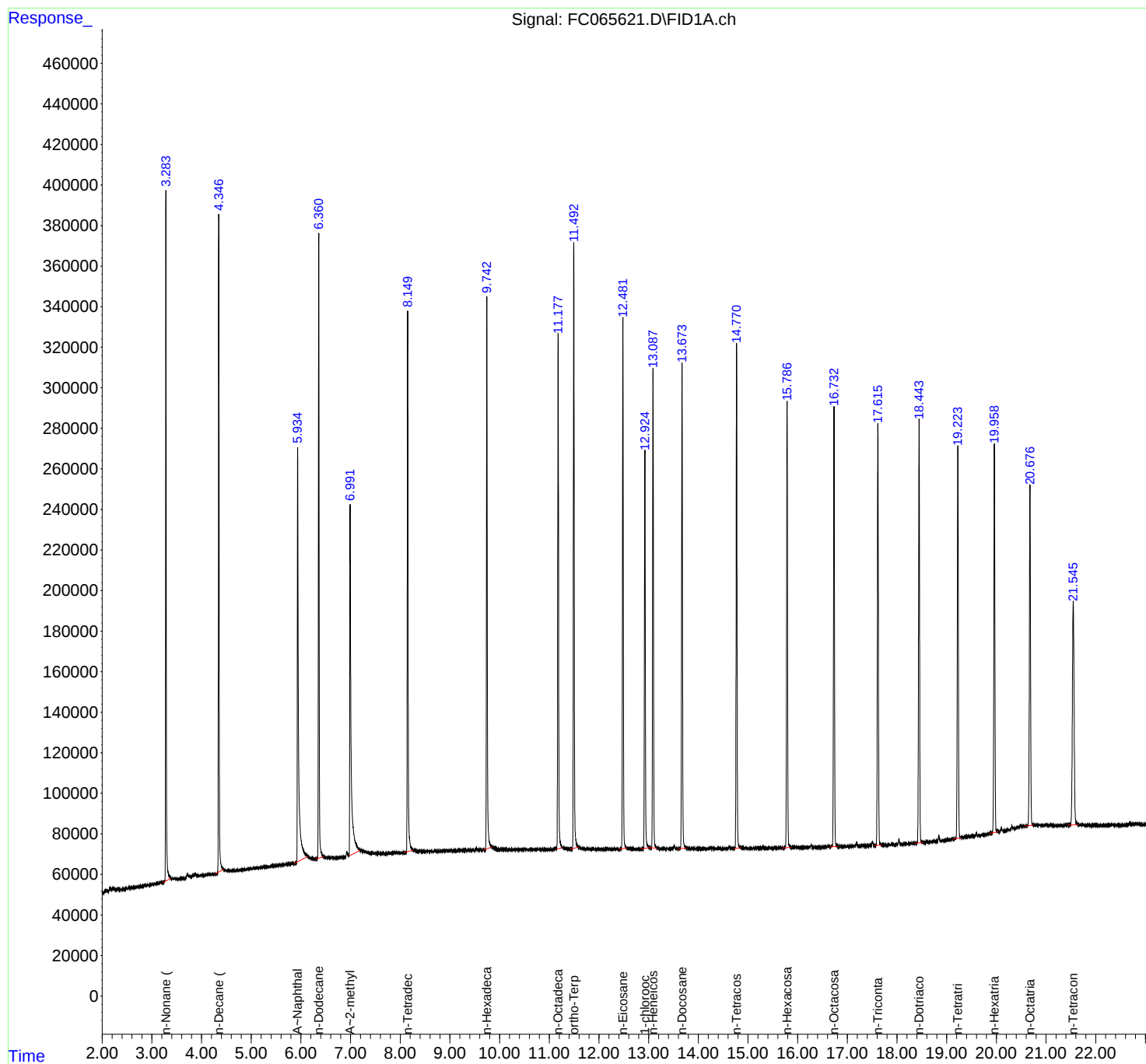
(m)=manual int.

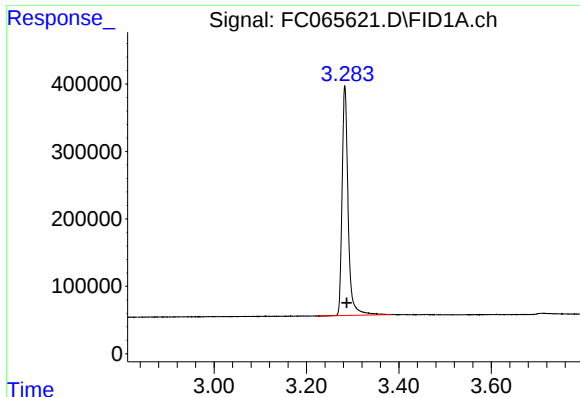
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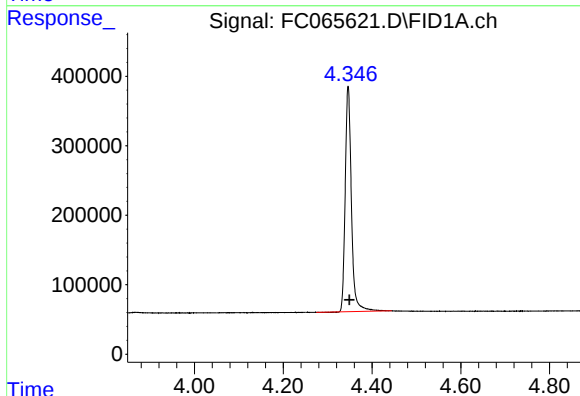




#1 n-Nonane (C9)

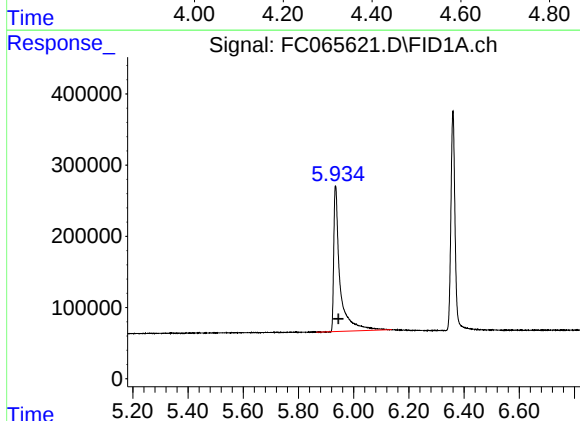
R.T.: 3.283 min
Delta R.T.: -0.004 min
Response: 3095293
Conc: 19.81 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



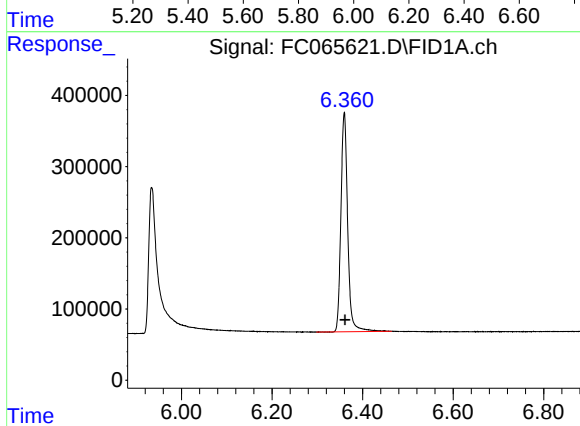
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.003 min
Response: 3143108
Conc: 19.87 ug/ml



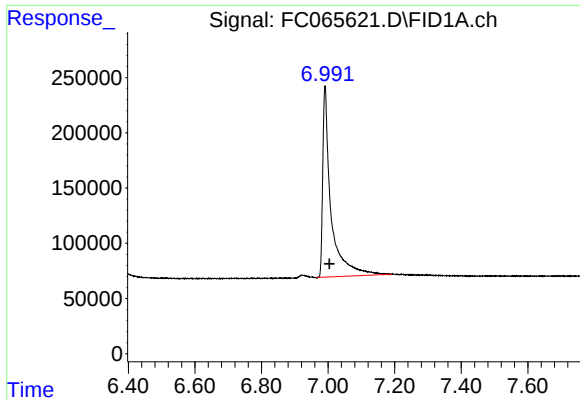
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 3238194
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

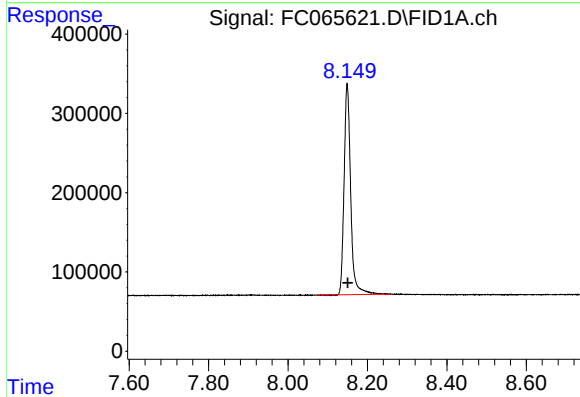
R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 3195131
Conc: 19.91 ug/ml



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

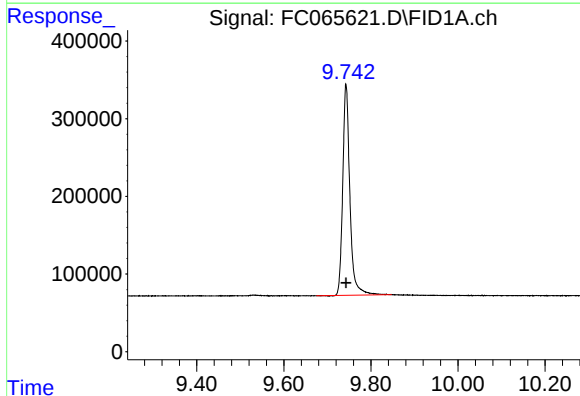
R.T.: 6.991 min
Delta R.T.: -0.012 min
Response: 3000252
Conc: 19.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



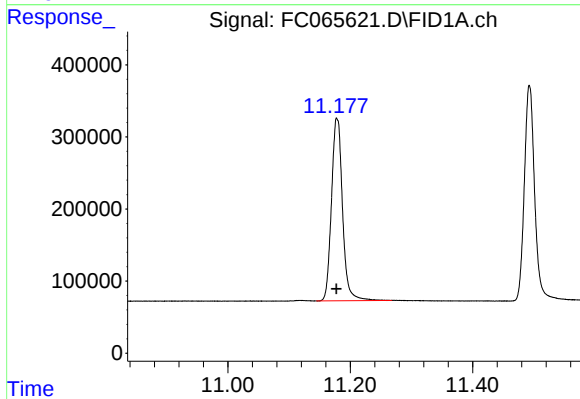
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 3077638
Conc: 19.62 ug/ml



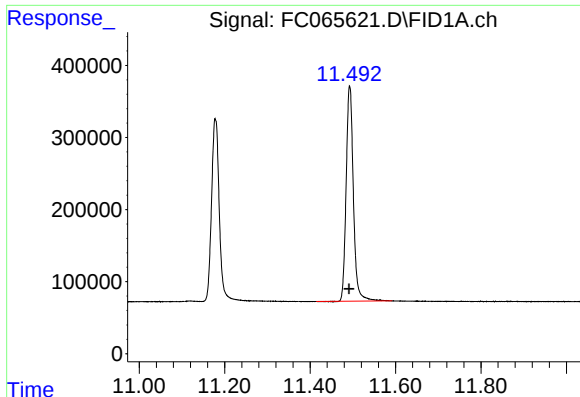
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 3095654
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

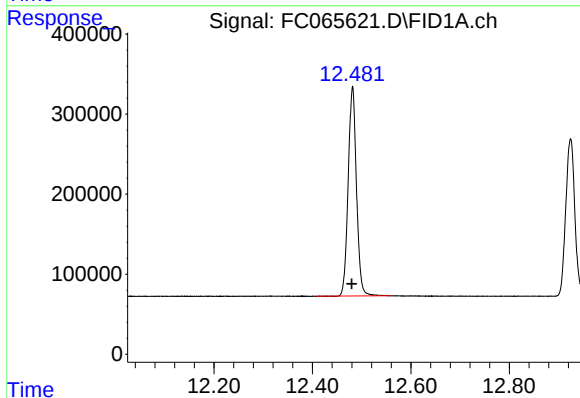
R.T.: 11.178 min
Delta R.T.: 0.001 min
Response: 3171673
Conc: 19.36 ug/ml



#9 ortho-Terphenyl (SURR)

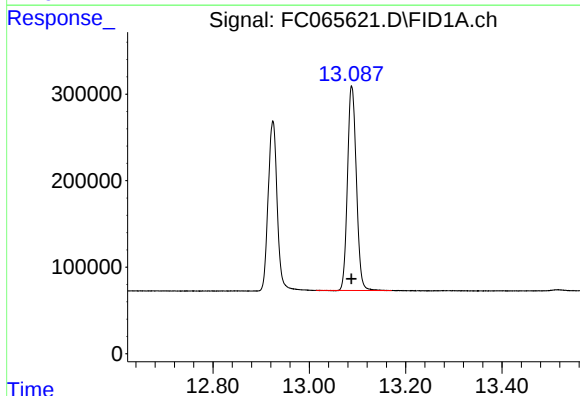
R.T.: 11.493 min
Delta R.T.: 0.002 min
Response: 3499529
Conc: 19.24 ug/ml

Instrument :
FID_C
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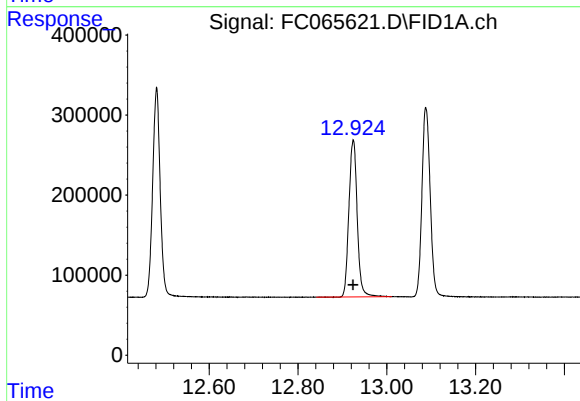
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.001 min
Response: 3066847
Conc: 19.25 ug/ml



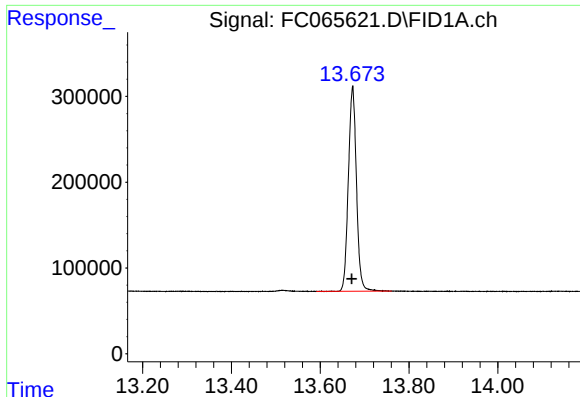
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: 0.001 min
Response: 3035674
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

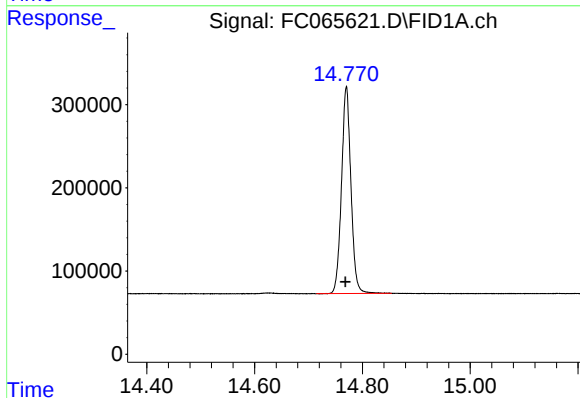
R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2548022
Conc: 18.90 ug/ml



#13 n-Docosane (C22)

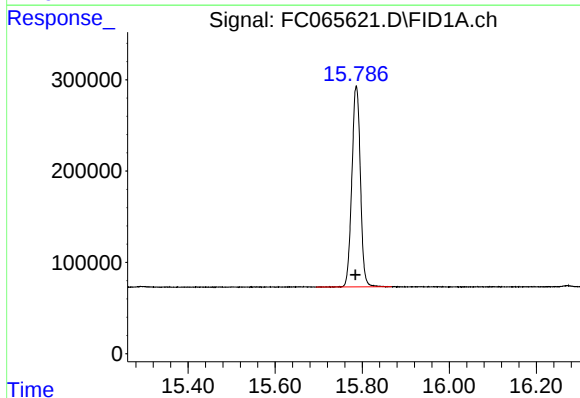
R.T.: 13.673 min
Delta R.T.: 0.002 min
Response: 3021251
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



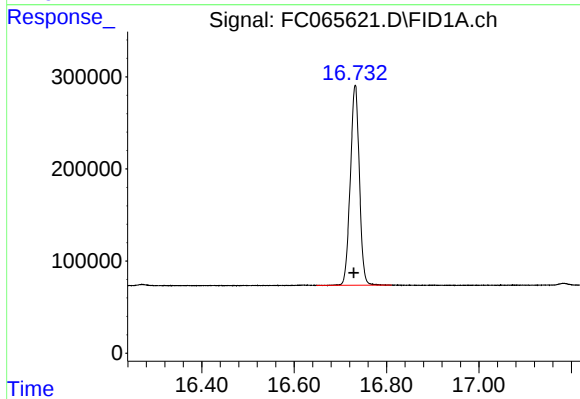
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.002 min
Response: 3021340
Conc: 19.44 ug/ml



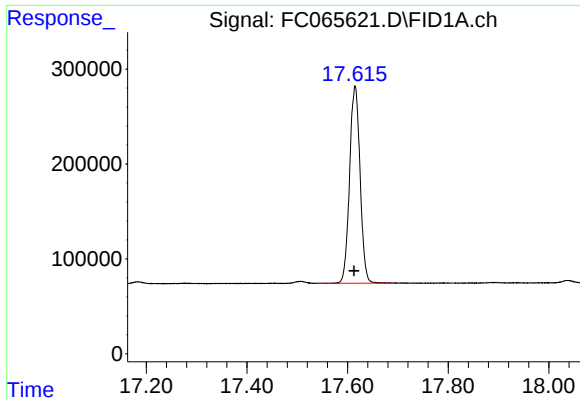
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.002 min
Response: 2986921
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

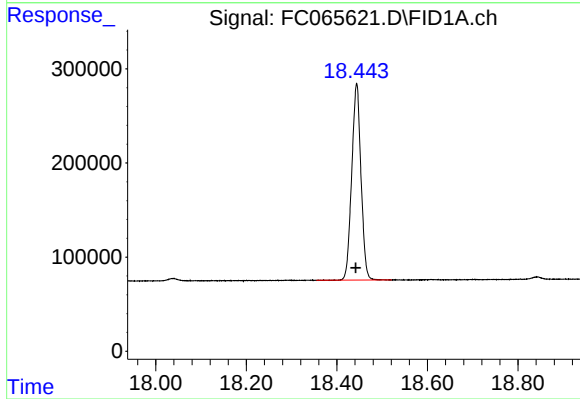
R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2946528
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

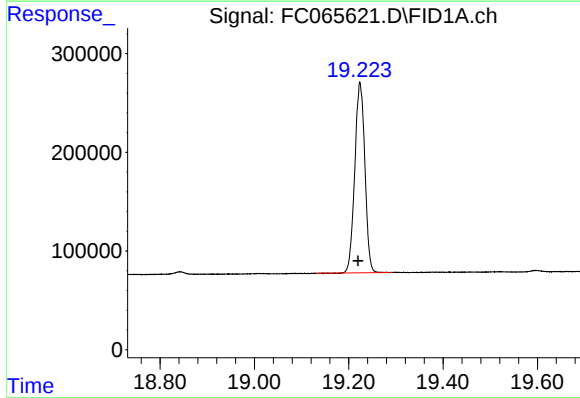
R.T.: 17.615 min
Delta R.T.: 0.002 min
Response: 3001605
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



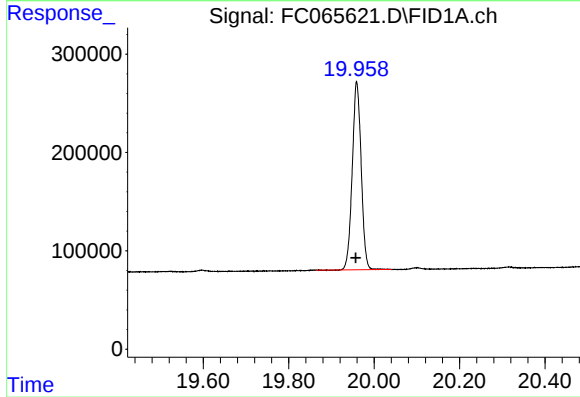
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.002 min
Response: 2954056
Conc: 19.62 ug/ml



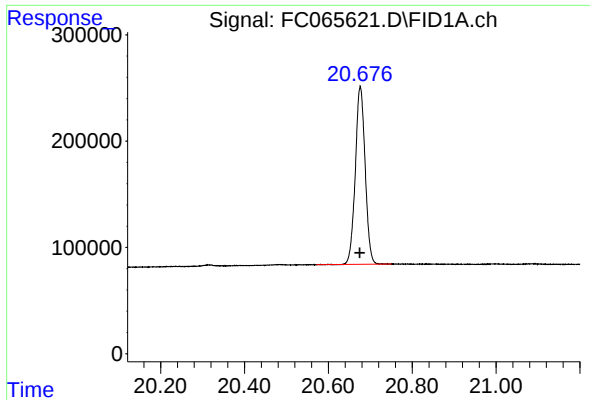
#19 n-Tetratriacontane (C34)

R.T.: 19.224 min
Delta R.T.: 0.004 min
Response: 2869004
Conc: 19.98 ug/ml



#20 n-Hexatriacontane (C36)

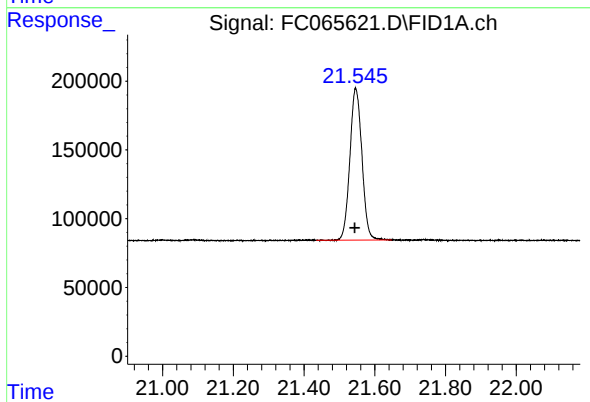
R.T.: 19.959 min
Delta R.T.: 0.002 min
Response: 2777629
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.000 min
Response: 2724031
Conc: 19.69 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.546 min
Delta R.T.: 0.003 min
Response: 2601548
Conc: 18.80 ug/ml