

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080524AL\
 Data File : FC066915.D
 Signal(s) : FID1A.ch
 Acq On : 05 Aug 2024 12:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 05 15:03:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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)	11.513	2847149	18.494 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
12) S 1-chlorooctadecane (S...	12.952	2051377	18.346 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T n-Nonane (C9)	3.285	2621147	18.473 ug/ml
2) T n-Decane (C10)	4.350	2746395	18.578 ug/ml
3) T A~Naphthalene (C11.7)	5.929	2909915	18.222 ug/ml
4) T n-Dodecane (C12)	6.366	2751548	18.354 ug/ml
5) T A~2-methylnaphthalene...	6.985	2782442	18.150 ug/ml
6) T n-Tetradecane (C14)	8.160	2667827	18.234 ug/ml
7) T n-Hexadecane (C16)	9.760	2716028	18.147 ug/ml
8) T n-Octadecane (C18)	11.201	2699703	18.192 ug/ml
10) T n-Eicosane (C20)	12.510	2541850	18.236 ug/ml
11) T n-Heneicosane (C21)	13.121	2473663	18.161 ug/ml
13) T n-Docosane (C22)	13.707	2462235	18.331 ug/ml
14) T n-Tetracosane (C24)	14.809	2432886	18.291 ug/ml
15) T n-Hexacosane (C26)	15.829	2380572	18.296 ug/ml
16) T n-Octacosane (C28)	16.778	2361701	18.721 ug/ml
17) T n-Tricontane (C30)	17.665	2460769	19.136 ug/ml
18) T n-Dotriacontane (C32)	18.497	2438835	19.372 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2317606	18.733 ug/ml
20) T n-Hexatriacontane (C36)	20.020	2139839	18.395 ug/ml
21) T n-Octatriacontane (C38)	20.747	1979728	17.818 ug/ml
22) T n-Tetracontane (C40)	21.642	1798986	16.548 ug/ml

(f)=RT Delta > 1/2 Window

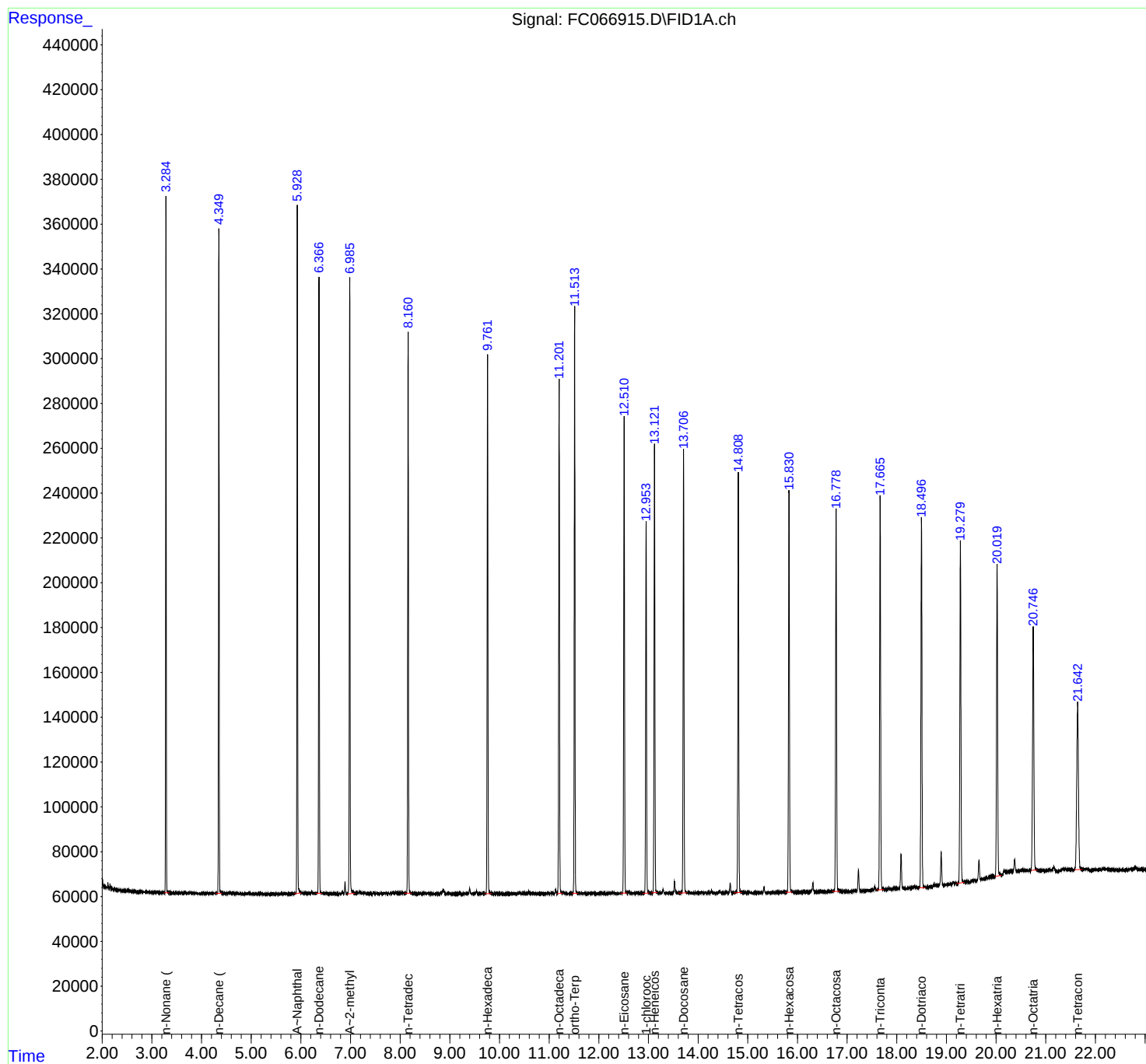
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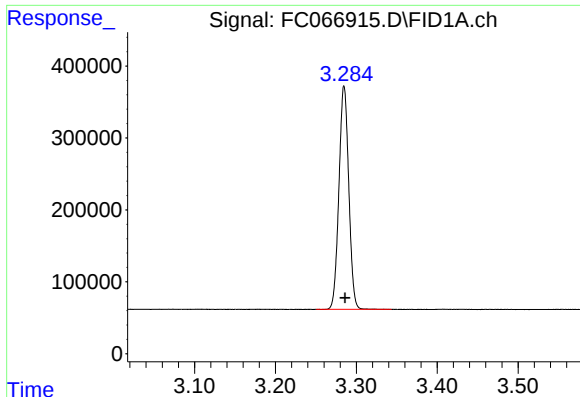
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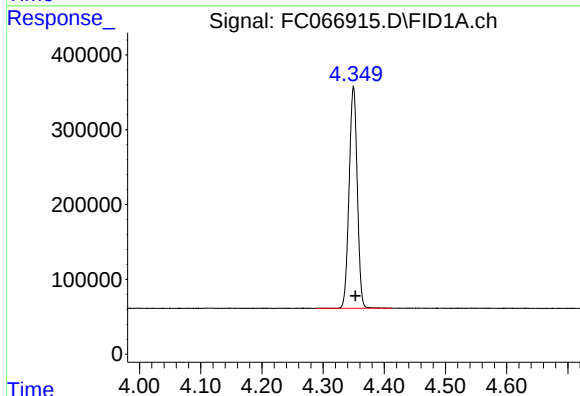




#1 n-Nonane (C9)

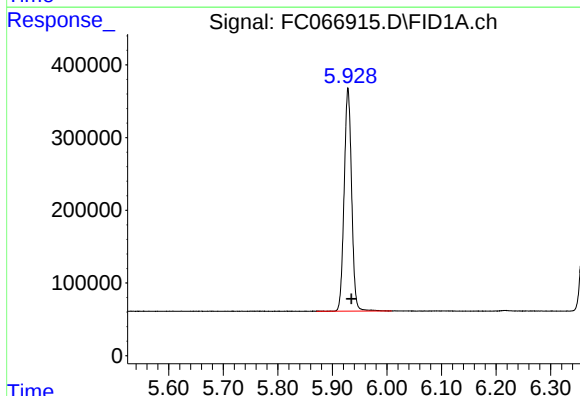
R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 2621147
Conc: 18.47 ug/ml

Instrument :
FID_C
ClientSampleId :



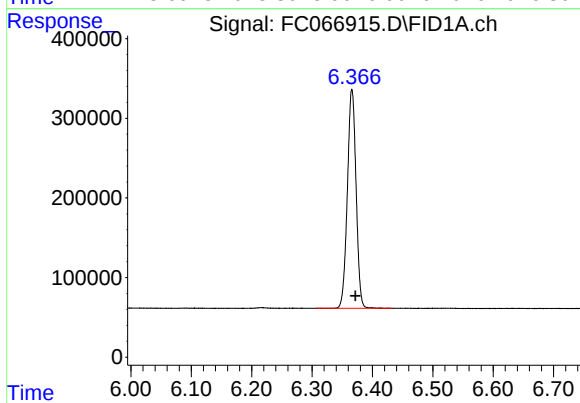
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 2746395
Conc: 18.58 ug/ml



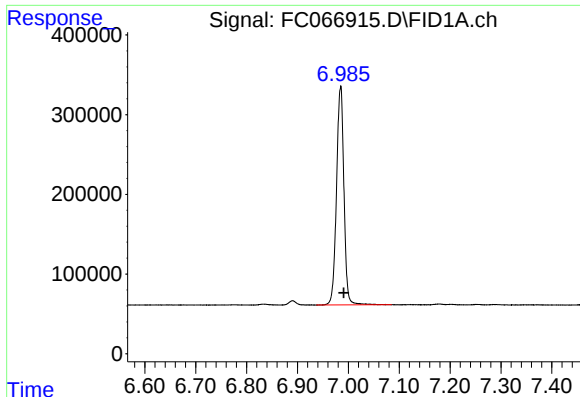
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: 2909915
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

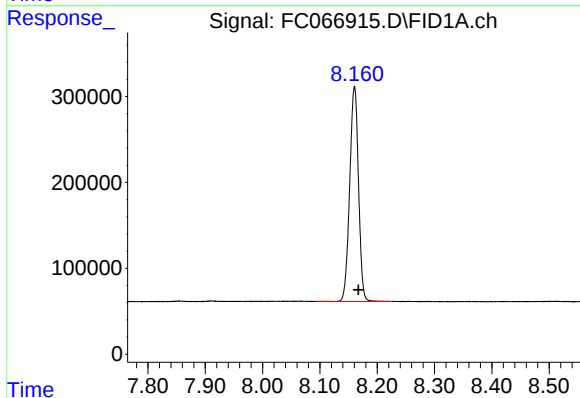
R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 2751548
Conc: 18.35 ug/ml



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

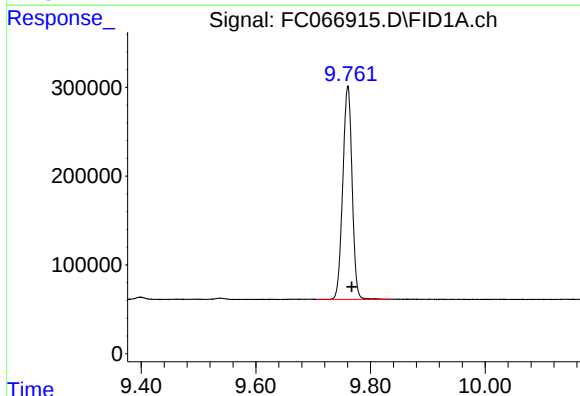
R.T.: 6.985 min
Delta R.T.: -0.007 min
Response: 2782442
Conc: 18.15 ug/ml

Instrument :
FID_C
ClientSampleId :



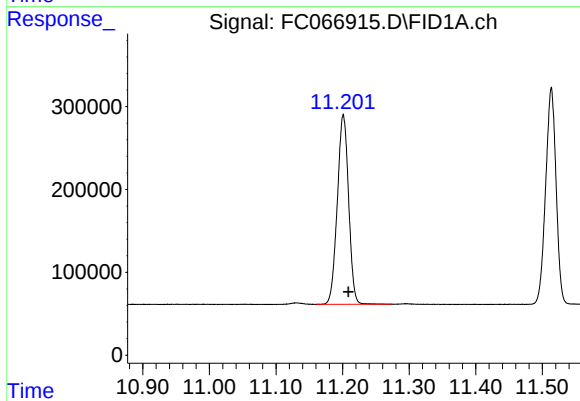
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: -0.007 min
Response: 2667827
Conc: 18.23 ug/ml



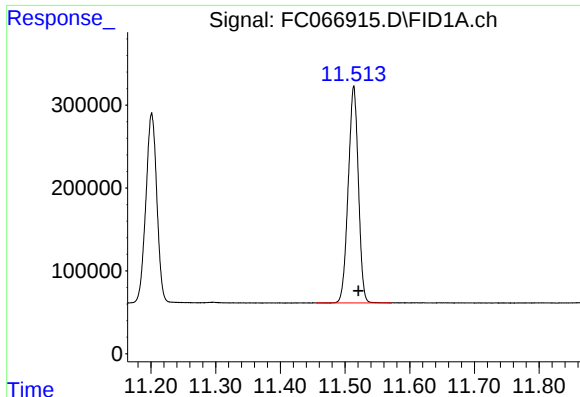
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.007 min
Response: 2716028
Conc: 18.15 ug/ml



#8 n-Octadecane (C18)

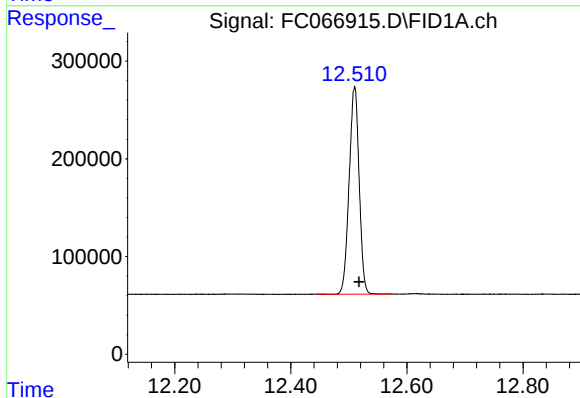
R.T.: 11.201 min
Delta R.T.: -0.008 min
Response: 2699703
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

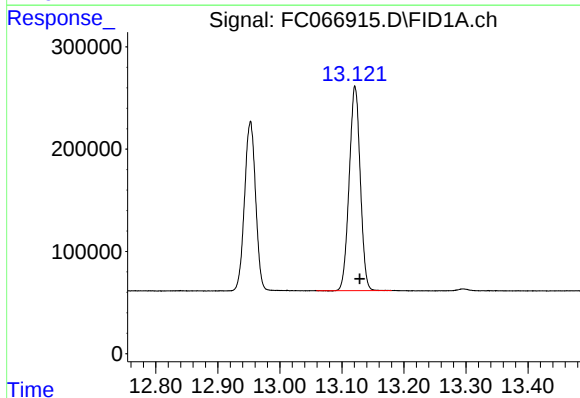
R.T.: 11.513 min
Delta R.T.: -0.007 min
Response: 2847149
Conc: 18.49 ug/ml

Instrument :
FID_C
ClientSampleId :



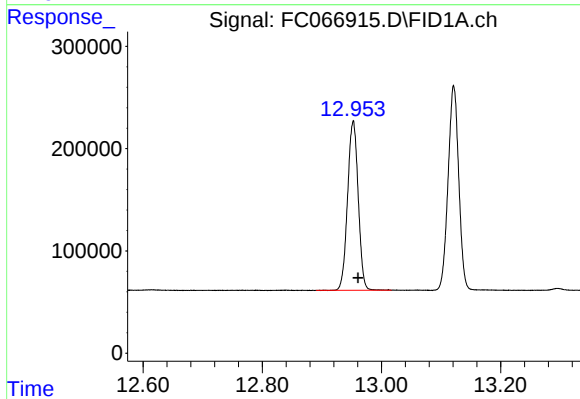
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: -0.008 min
Response: 2541850
Conc: 18.24 ug/ml



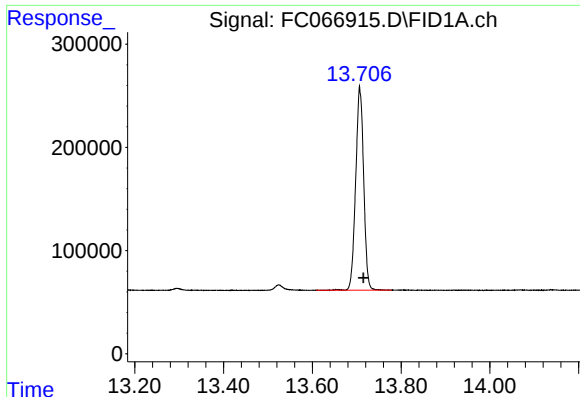
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: -0.007 min
Response: 2473663
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

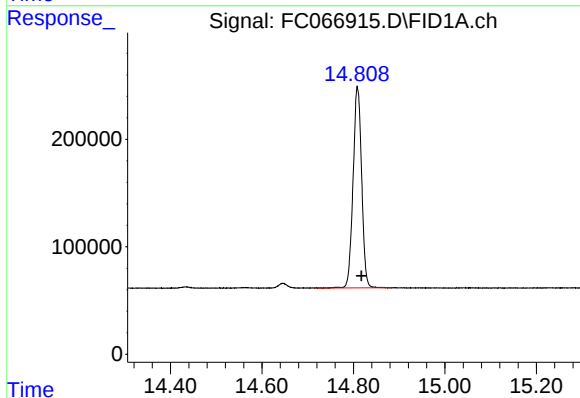
R.T.: 12.952 min
Delta R.T.: -0.008 min
Response: 2051377
Conc: 18.35 ug/ml



#13 n-Docosane (C22)

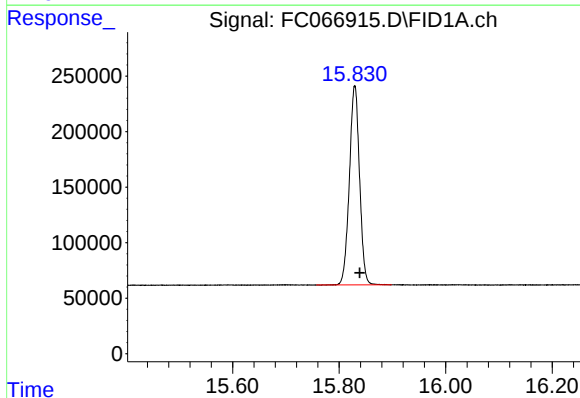
R.T.: 13.707 min
Delta R.T.: -0.008 min
Response: 2462235
Conc: 18.33 ug/ml

Instrument :
FID_C
ClientSampleId :



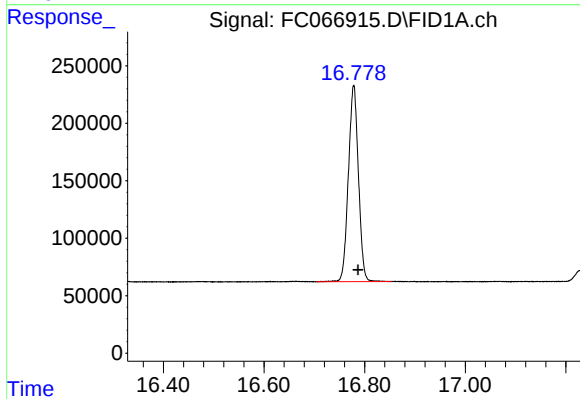
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.009 min
Response: 2432886
Conc: 18.29 ug/ml



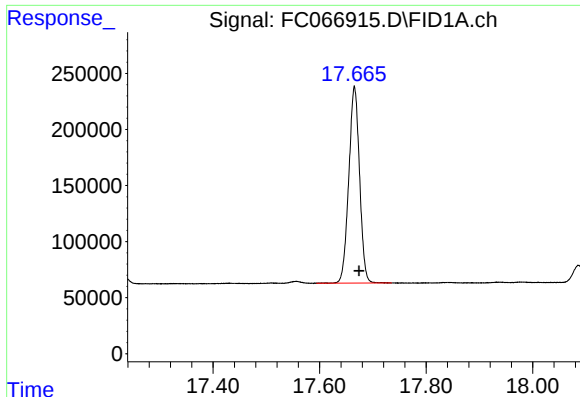
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.009 min
Response: 2380572
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

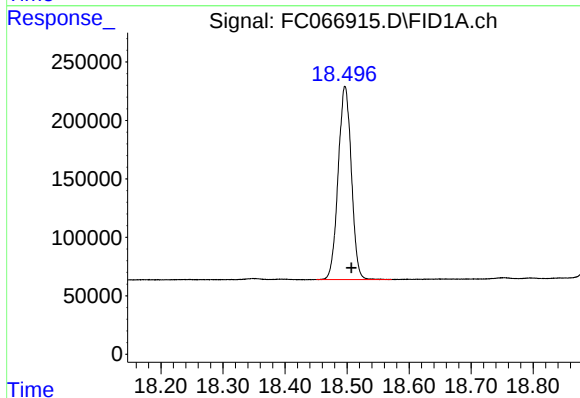
R.T.: 16.778 min
Delta R.T.: -0.009 min
Response: 2361701
Conc: 18.72 ug/ml



#17 n-Tricontane (C30)

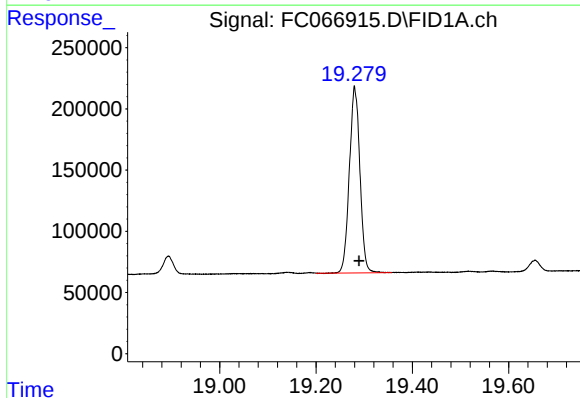
R.T.: 17.665 min
Delta R.T.: -0.009 min
Response: 2460769
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :



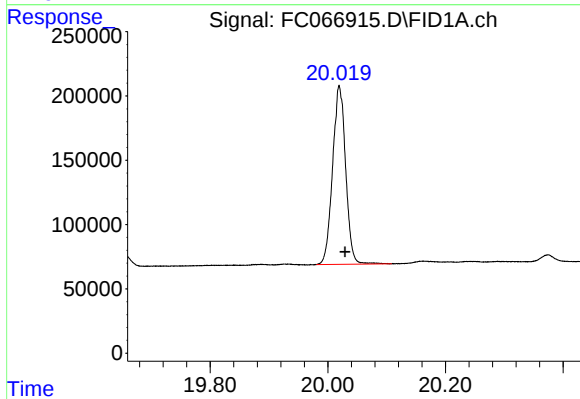
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: -0.010 min
Response: 2438835
Conc: 19.37 ug/ml



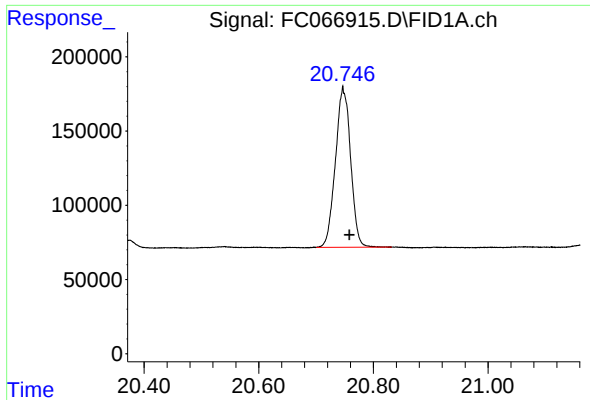
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: -0.009 min
Response: 2317606
Conc: 18.73 ug/ml



#20 n-Hexatriacontane (C36)

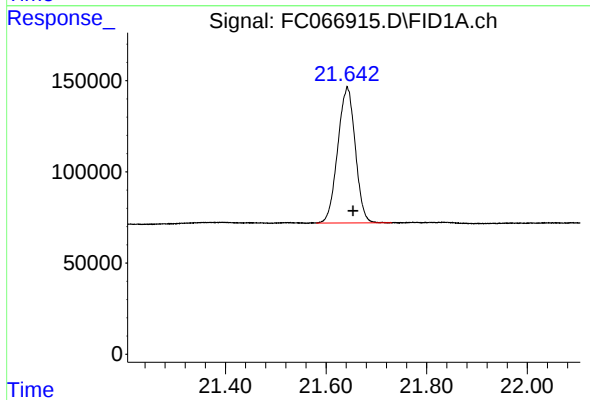
R.T.: 20.020 min
Delta R.T.: -0.009 min
Response: 2139839
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: -0.011 min
Response: 1979728
Conc: 17.82 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: -0.012 min
Response: 1798986
Conc: 16.55 ug/ml