

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090823AL\
 Data File : FC064519.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2023 13:03
 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: Sep 08 22:20:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 2023
 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)	11.509	4083933	19.236 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.943	2948118	19.335 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.301	3483063	19.734 ug/ml
2) T n-Decane (C10)	4.363	3550595	20.240 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3744562	20.137 ug/ml
4) T n-Dodecane (C12)	6.373	3585335	20.115 ug/ml
5) T A~2-methylnaphthalene...	6.996	3652770	20.534 ug/ml
6) T n-Tetradecane (C14)	8.163	3513414	20.139 ug/ml
7) T n-Hexadecane (C16)	9.760	3509514	20.308 ug/ml
8) T n-Octadecane (C18)	11.196	3485155	19.906 ug/ml
10) T n-Eicosane (C20)	12.501	3310402	19.570 ug/ml
11) T n-Heneicosane (C21)	13.111	3231377	19.361 ug/ml
13) T n-Docosane (C22)	13.695	3173657	19.457 ug/ml
14) T n-Tetracosane (C24)	14.794	3066275	19.255 ug/ml
15) T n-Hexacosane (C26)	15.809	2947445	19.078 ug/ml
16) T n-Octacosane (C28)	16.757	2868194	19.373 ug/ml
17) T n-Tricontane (C30)	17.642	2915842	19.962 ug/ml
18) T n-Dotriacontane (C32)	18.472	2911900	20.614 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2813143	21.054 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2749833	21.490 ug/ml
21) T n-Octatriacontane (C38)	20.708	2690636	21.911 ug/ml
22) T n-Tetracontane (C40)	21.590	2666241	22.959 ug/ml

(f)=RT Delta > 1/2 Window

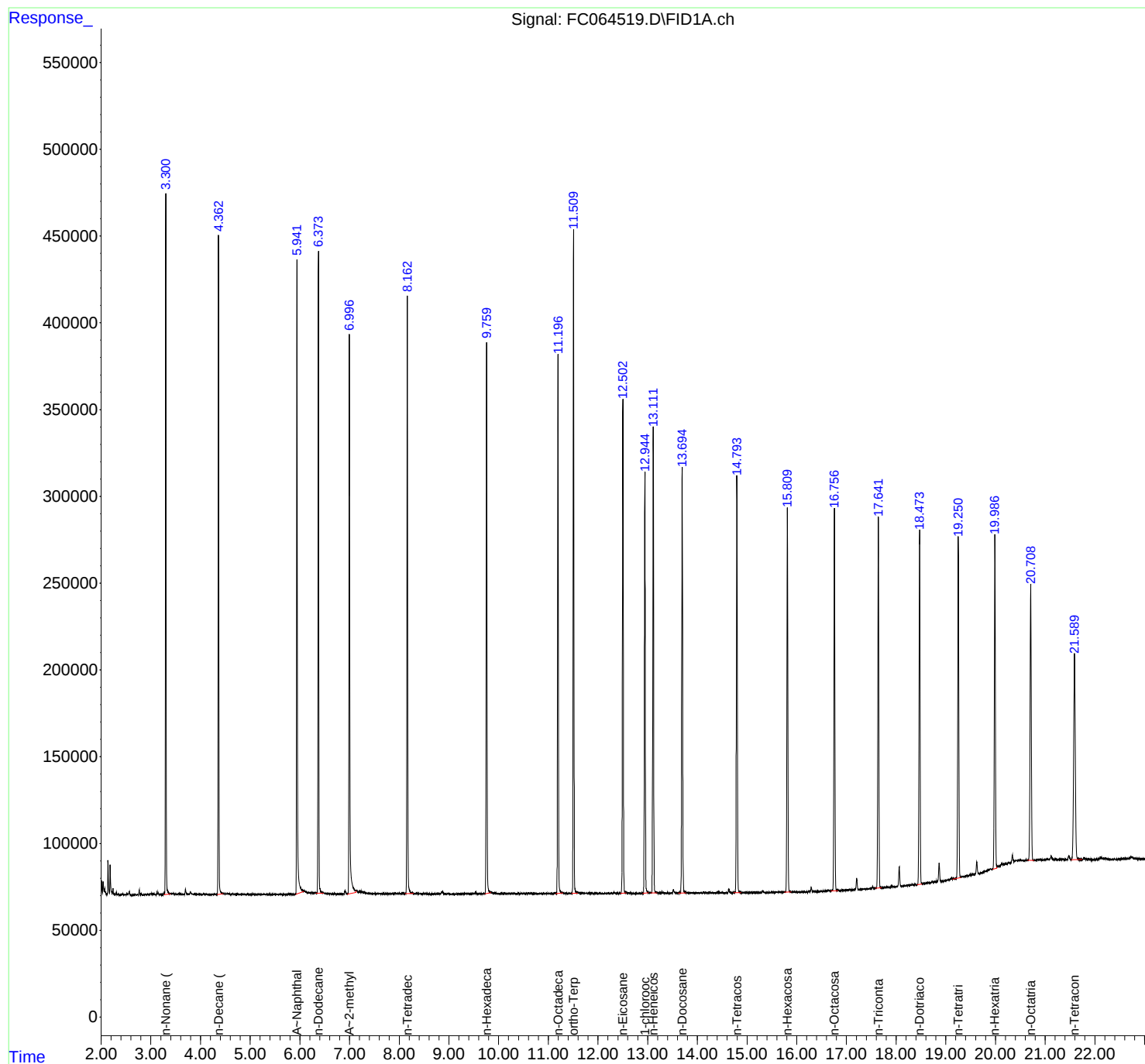
(m)=manual int.

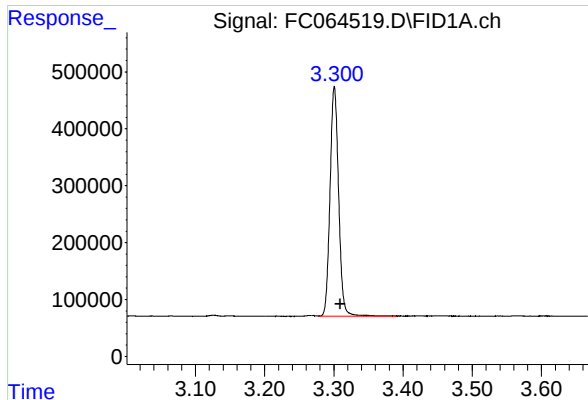
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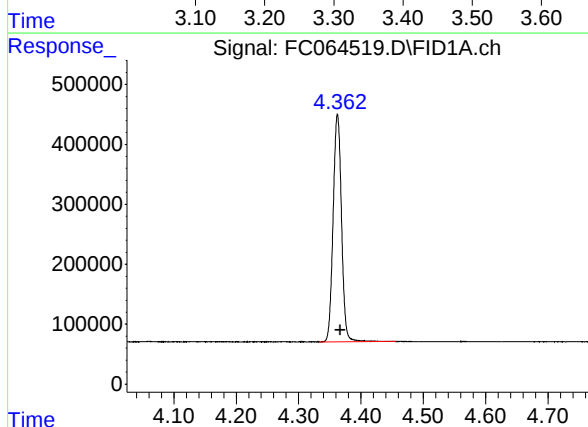




#1 n-Nonane (C9)

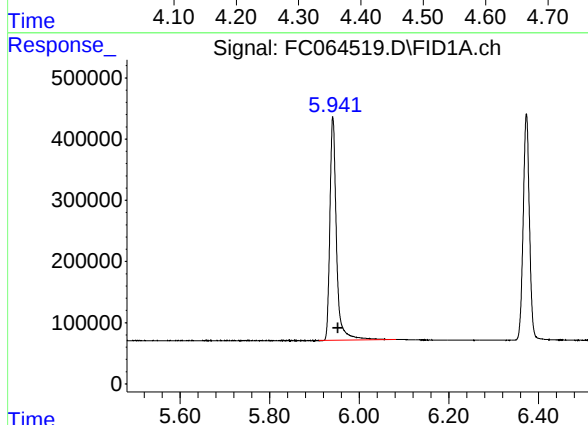
R.T.: 3.301 min
Delta R.T.: -0.008 min
Response: 3483063
Conc: 19.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



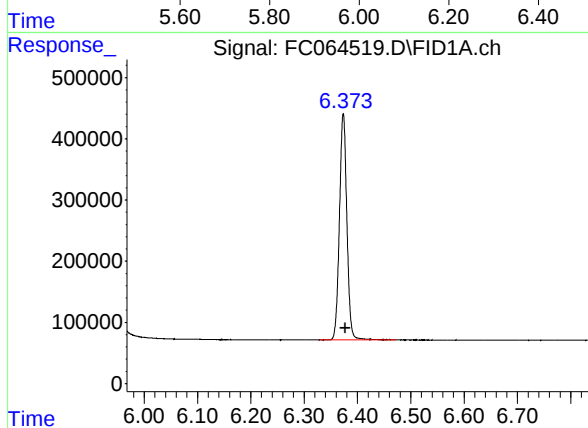
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3550595
Conc: 20.24 ug/ml



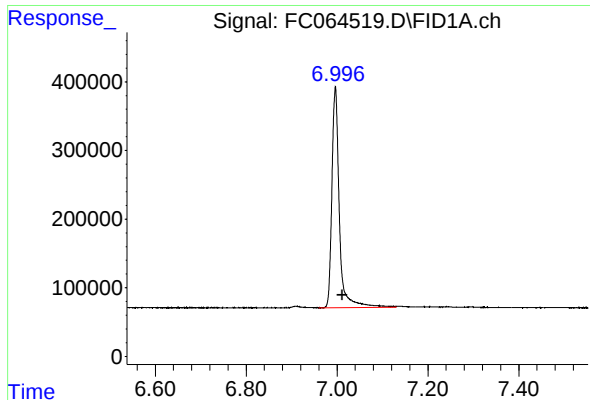
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 3744562
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

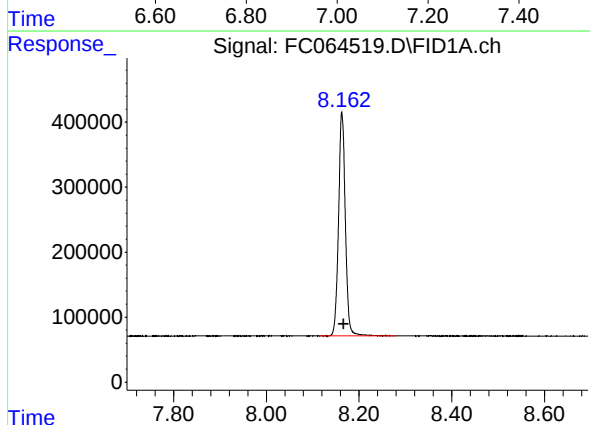
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 3585335
Conc: 20.11 ug/ml



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

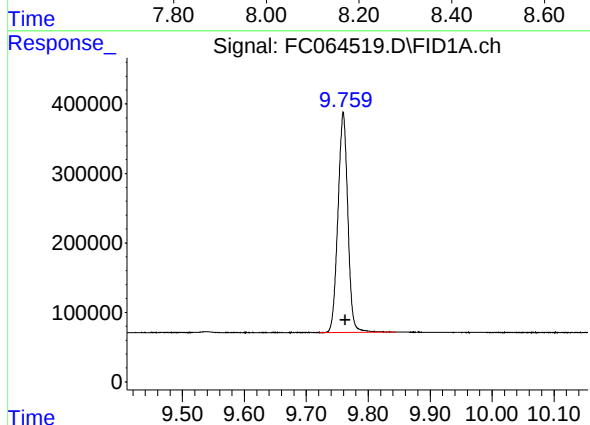
R.T.: 6.996 min
Delta R.T.: -0.016 min
Response: 3652770
Conc: 20.53 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



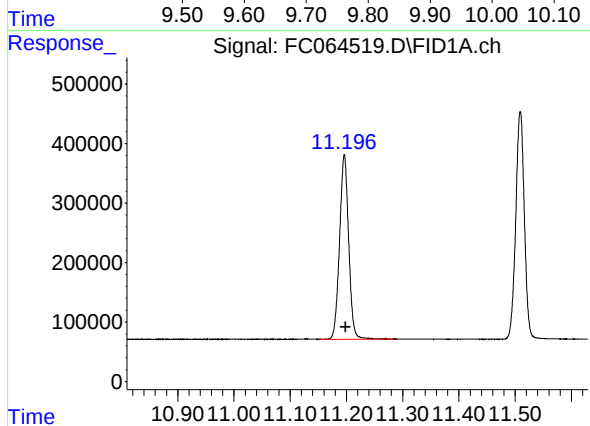
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 3513414
Conc: 20.14 ug/ml



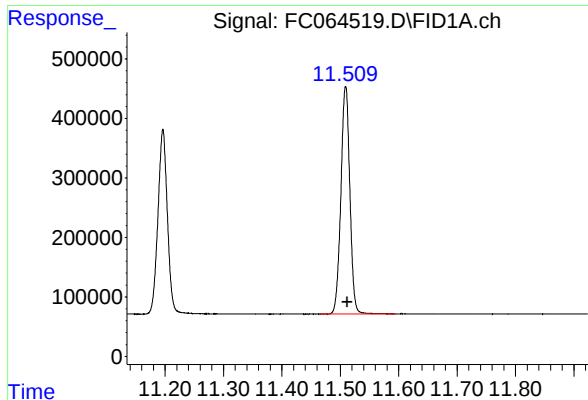
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.004 min
Response: 3509514
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

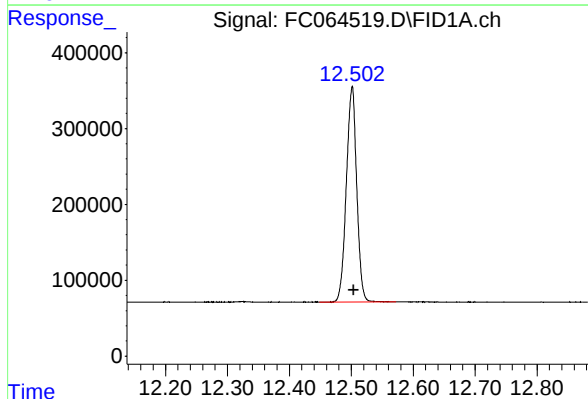
R.T.: 11.196 min
Delta R.T.: -0.002 min
Response: 3485155
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

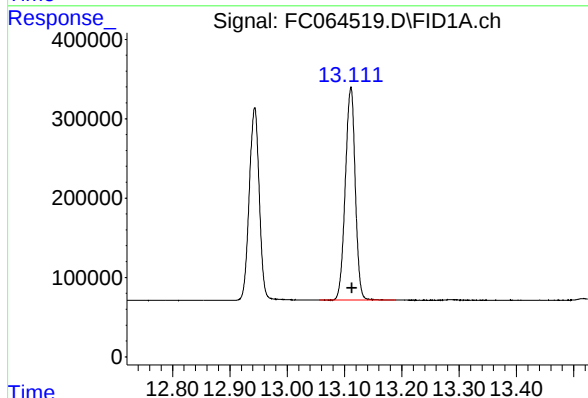
R.T.: 11.509 min
Delta R.T.: -0.003 min
Response: 4083933
Conc: 19.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



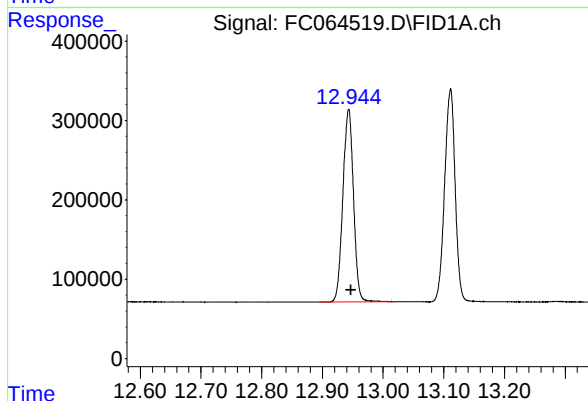
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: -0.003 min
Response: 3310402
Conc: 19.57 ug/ml



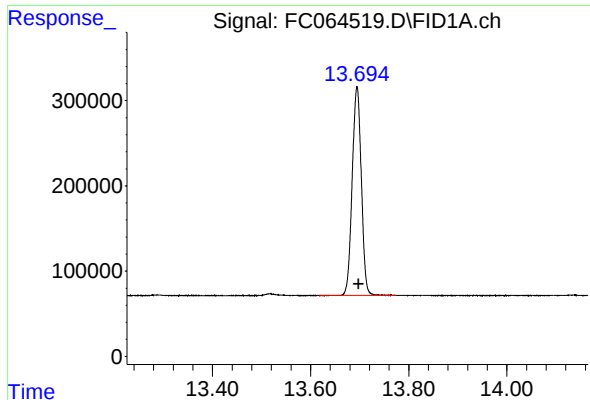
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.002 min
Response: 3231377
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

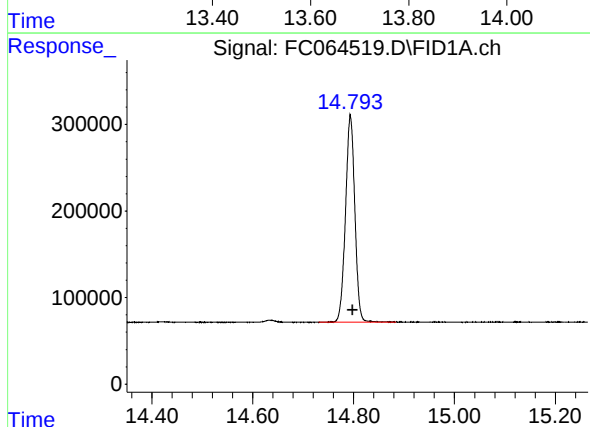
R.T.: 12.943 min
Delta R.T.: -0.004 min
Response: 2948118
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

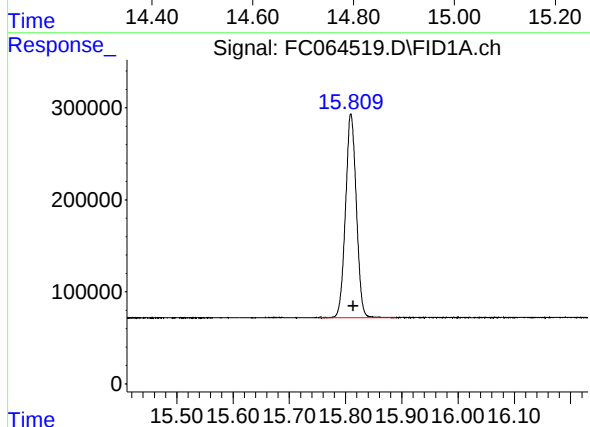
R.T.: 13.695 min
Delta R.T.: -0.004 min
Response: 3173657
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



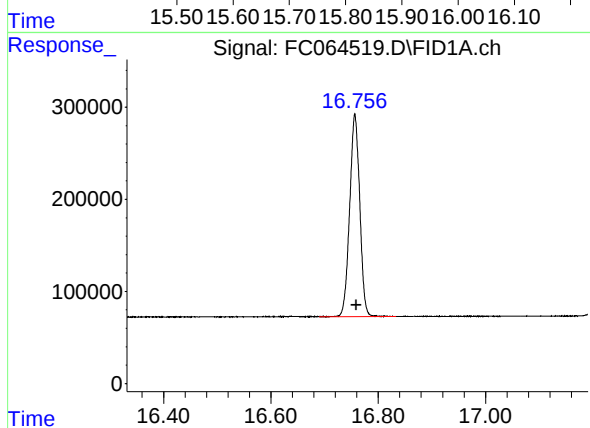
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: -0.005 min
Response: 3066275
Conc: 19.25 ug/ml



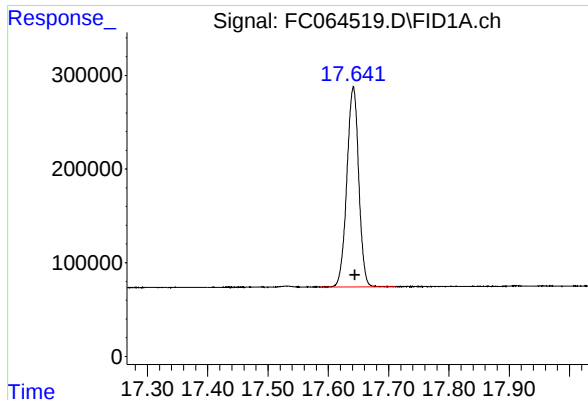
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.005 min
Response: 2947445
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

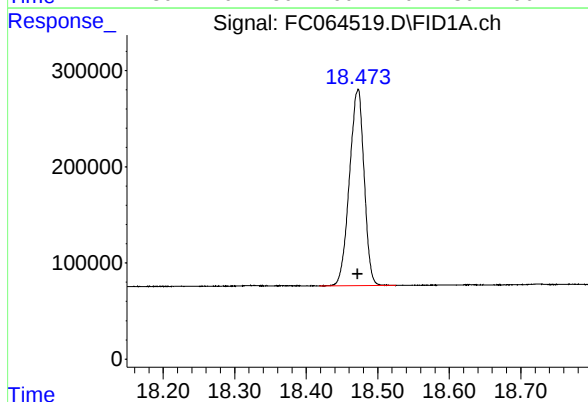
R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 2868194
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

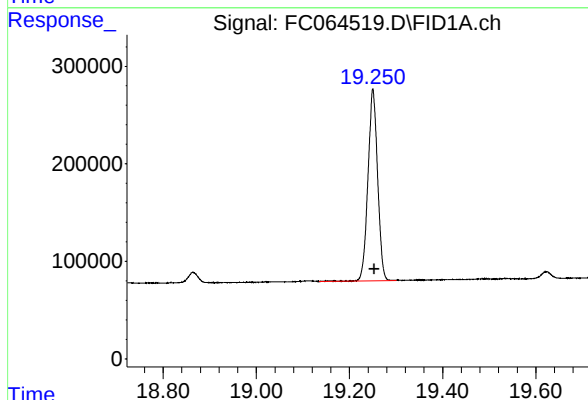
R.T.: 17.642 min
Delta R.T.: -0.002 min
Response: 2915842
Conc: 19.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



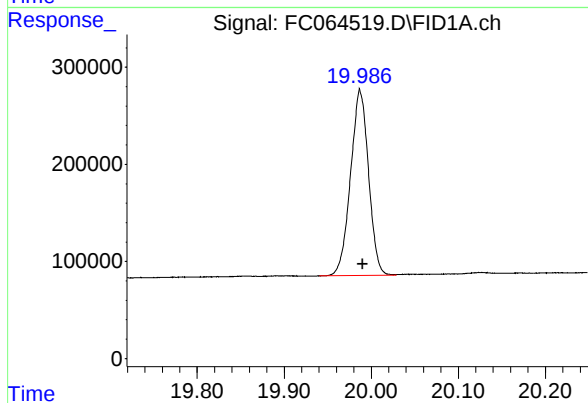
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 2911900
Conc: 20.61 ug/ml



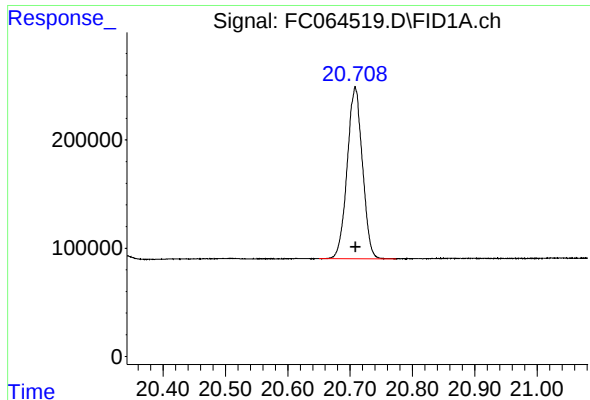
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 2813143
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

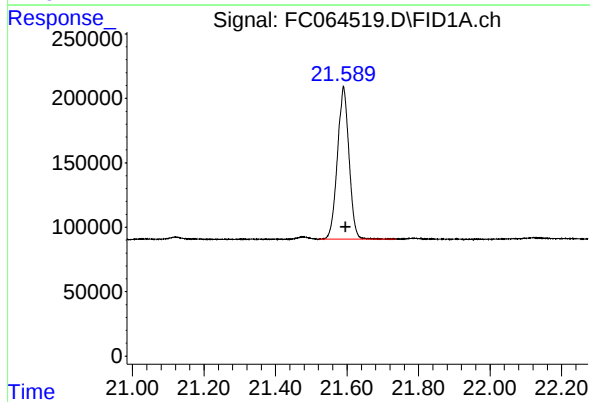
R.T.: 19.987 min
Delta R.T.: -0.003 min
Response: 2749833
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: 0.000 min
Response: 2690636
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 2666241
Conc: 22.96 ug/ml