

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081823AL\
 Data File : FC064366.D
 Signal(s) : FID1A.ch
 Acq On : 18 Aug 2023 14:34
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 18 15:14:58 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)	11.512	4218494	19.870 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	12.947	3052090	20.017 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.308	3515602	19.919 ug/ml
2) T n-Decane (C10)	4.366	3491390	19.903 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3633420	19.540 ug/ml
4) T n-Dodecane (C12)	6.376	3571787	20.039 ug/ml
5) T A~2-methylnaphthalene...	7.001	3497523	19.661 ug/ml
6) T n-Tetradecane (C14)	8.166	3472637	19.906 ug/ml
7) T n-Hexadecane (C16)	9.762	3456658	20.002 ug/ml
8) T n-Octadecane (C18)	11.198	3479898	19.876 ug/ml
10) T n-Eicosane (C20)	12.503	3366140	19.899 ug/ml
11) T n-Heneicosane (C21)	13.113	3318683	19.884 ug/ml
13) T n-Docosane (C22)	13.697	3260824	19.991 ug/ml
14) T n-Tetracosane (C24)	14.796	3178396	19.959 ug/ml
15) T n-Hexacosane (C26)	15.814	3081617	19.946 ug/ml
16) T n-Octacosane (C28)	16.760	2959330	19.989 ug/ml
17) T n-Tricontane (C30)	17.643	2918836	19.983 ug/ml
18) T n-Dotriacontane (C32)	18.472	2816923	19.942 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2663465	19.934 ug/ml
20) T n-Hexatriacontane (C36)	19.989	2558870	19.997 ug/ml
21) T n-Octatriacontane (C38)	20.710	2452644	19.973 ug/ml
22) T n-Tetracontane (C40)	21.590	2321983	19.994 ug/ml

(f)=RT Delta > 1/2 Window

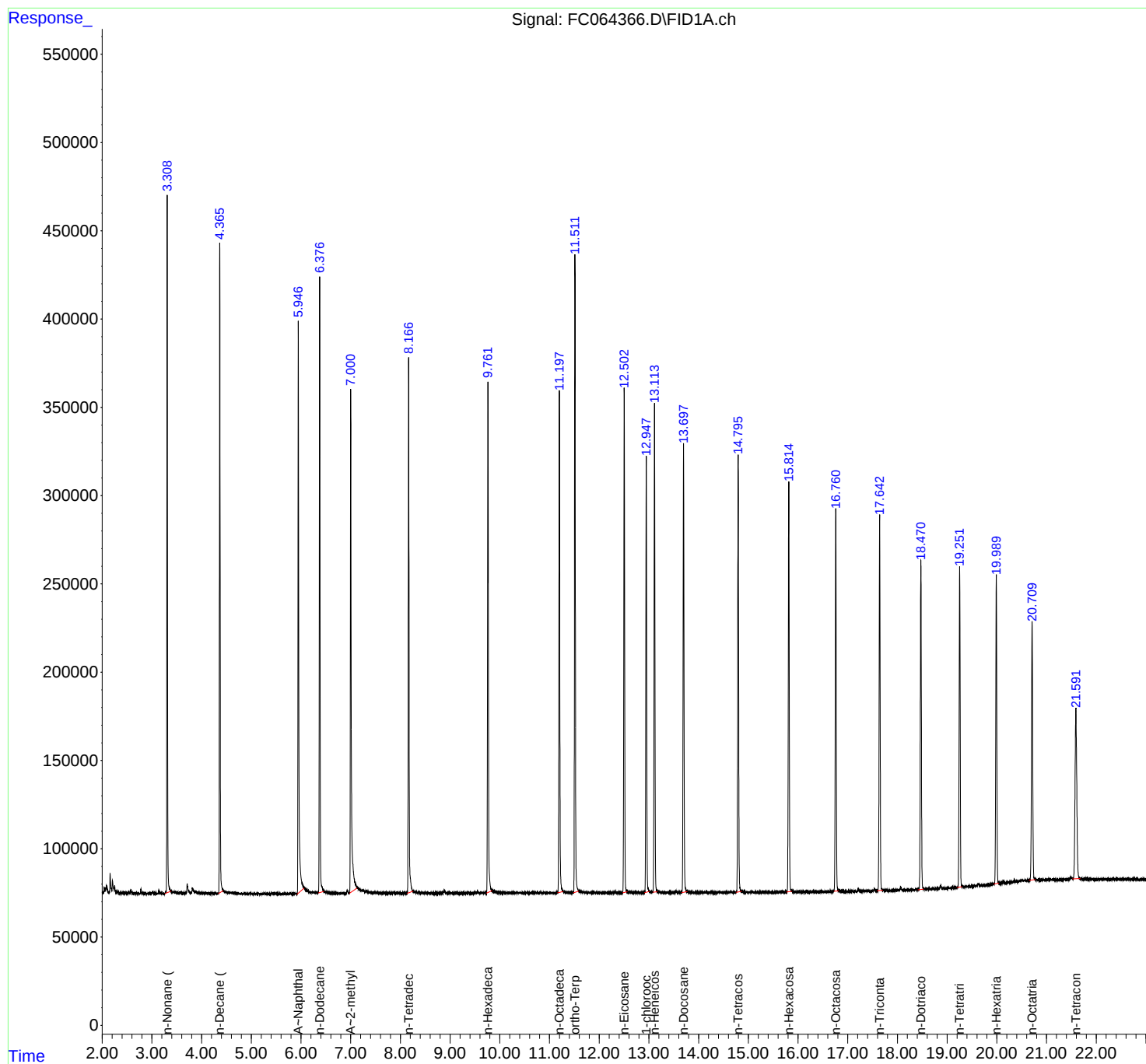
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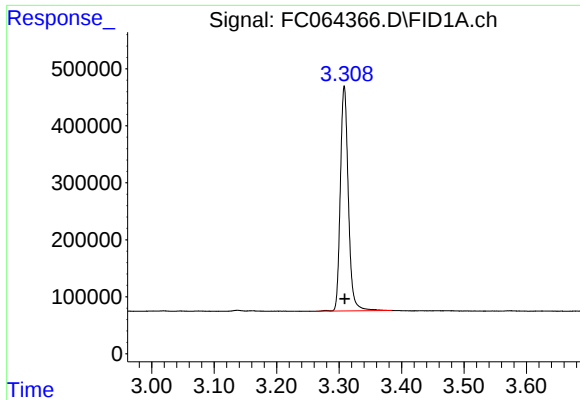
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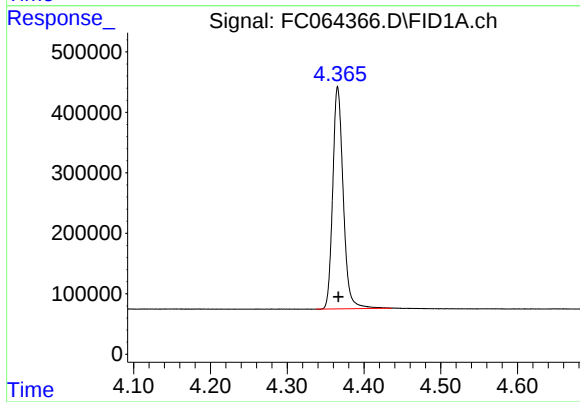




#1 n-Nonane (C9)

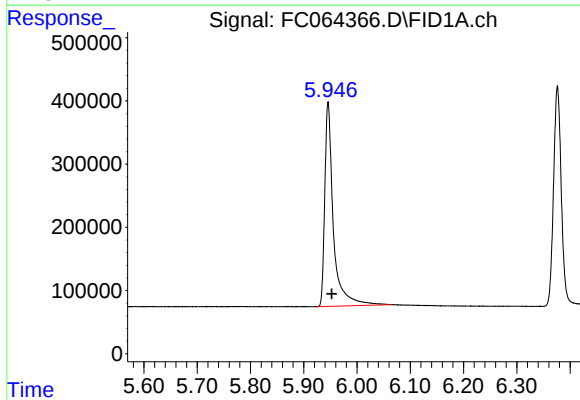
R.T.: 3.308 min
Delta R.T.: 0.000 min
Response: 3515602
Conc: 19.92 ug/ml

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20 PPM ALIPHATIC HC STD ICV



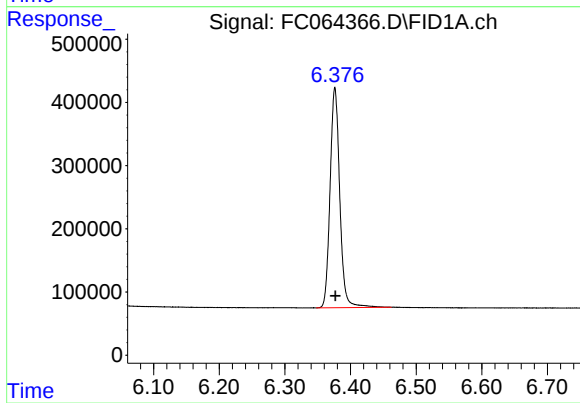
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 3491390
Conc: 19.90 ug/ml



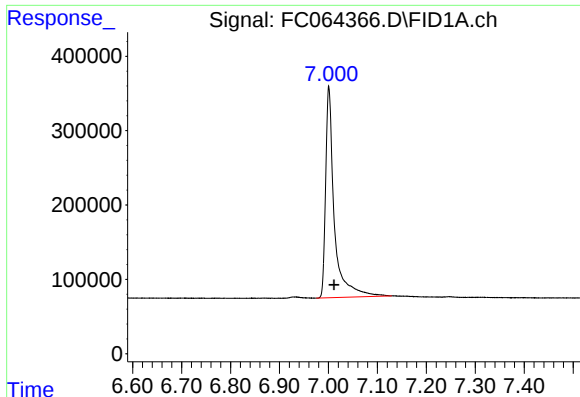
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.007 min
Response: 3633420
Conc: 19.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: 0.000 min
Response: 3571787
Conc: 20.04 ug/ml



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

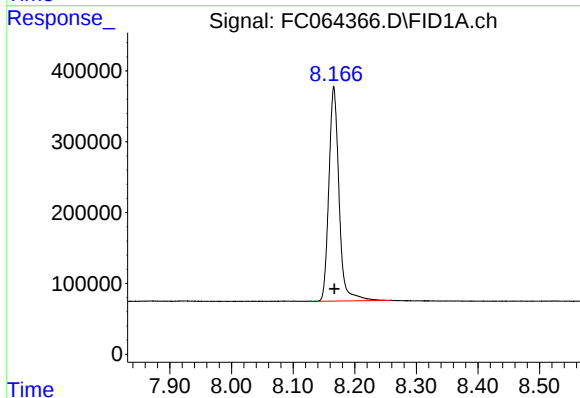
R.T.: 7.001 min
Delta R.T.: -0.011 min
Response: 3497523
Conc: 19.66 ug/ml

Instrument :

FID_C

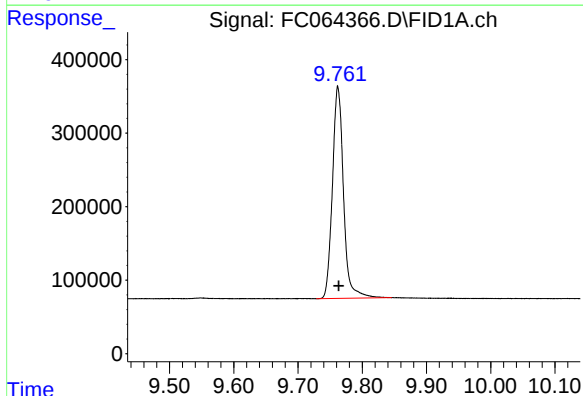
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



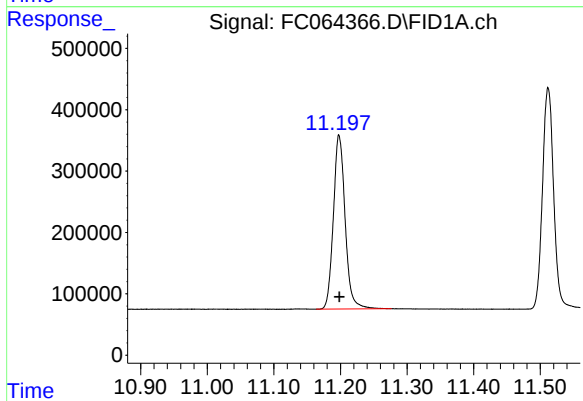
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 3472637
Conc: 19.91 ug/ml



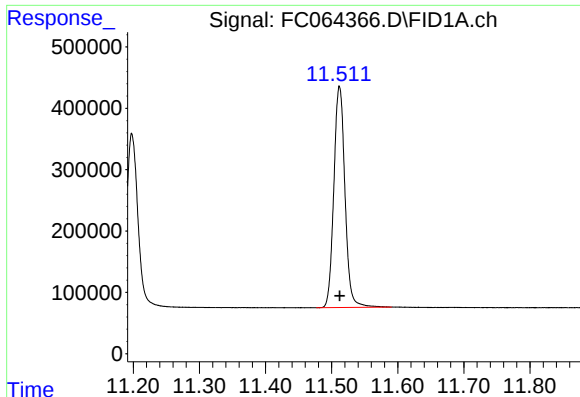
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: -0.001 min
Response: 3456658
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: 0.000 min
Response: 3479898
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

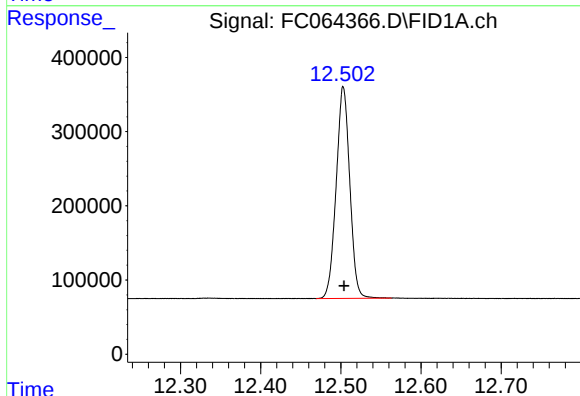
R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 4218494
Conc: 19.87 ug/ml

Instrument :

FID_C

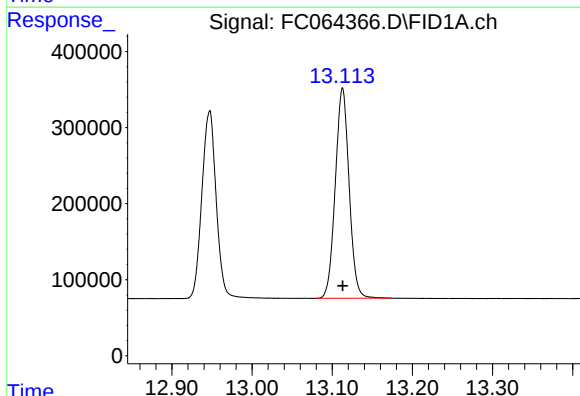
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



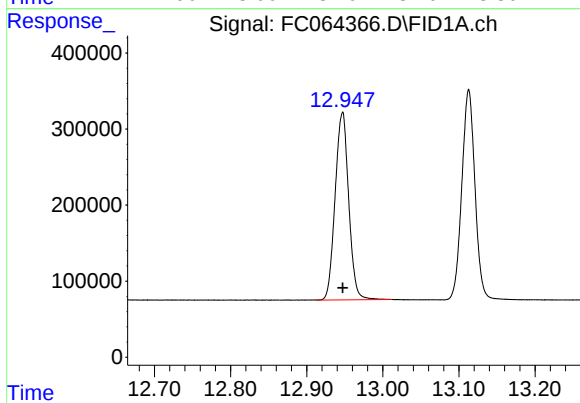
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.000 min
Response: 3366140
Conc: 19.90 ug/ml



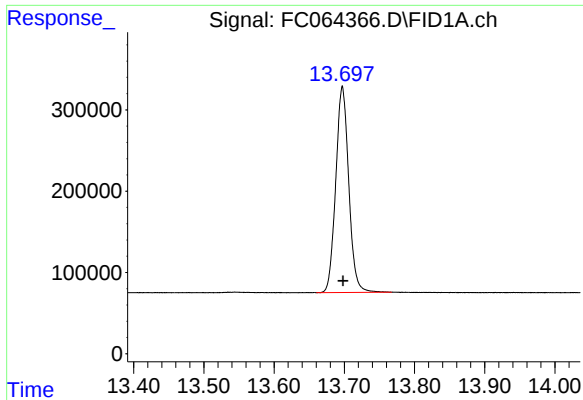
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 3318683
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

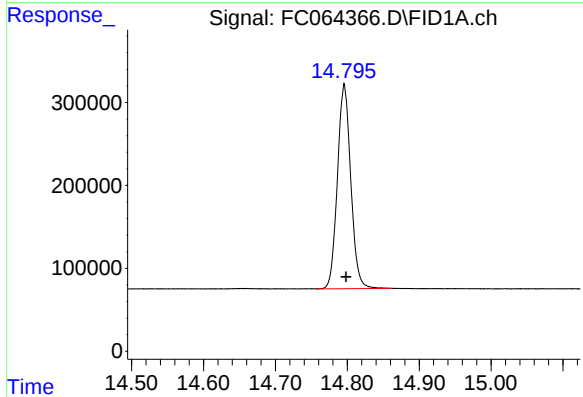
R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 3052090
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

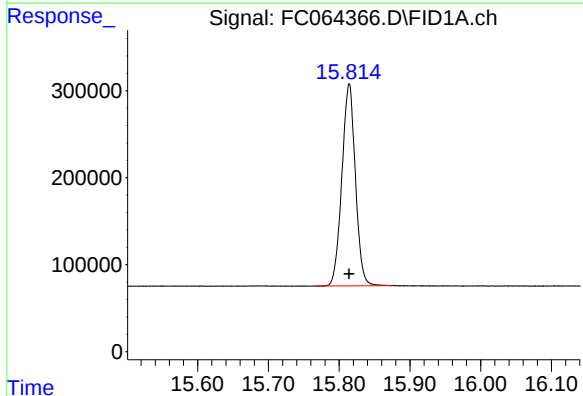
R.T.: 13.697 min
Delta R.T.: -0.001 min
Response: 3260824
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



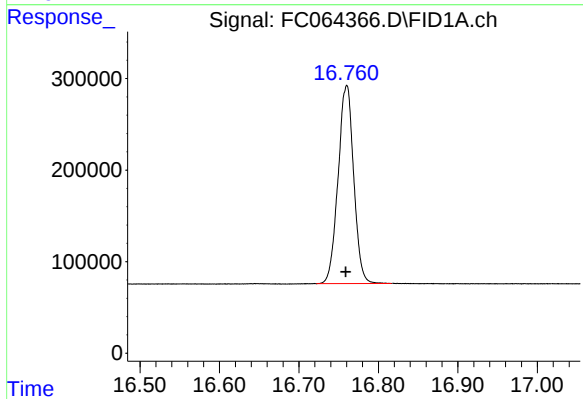
#14 n-Tetracosane (C24)

R.T.: 14.796 min
Delta R.T.: -0.003 min
Response: 3178396
Conc: 19.96 ug/ml



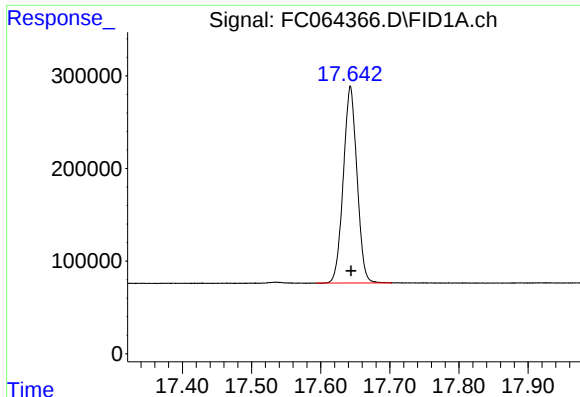
#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.000 min
Response: 3081617
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.001 min
Response: 2959330
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

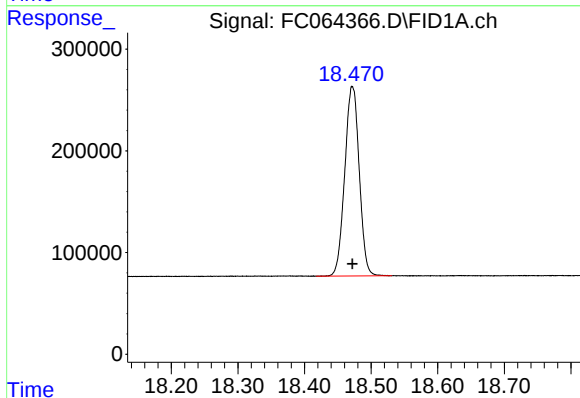
R.T.: 17.643 min
Delta R.T.: -0.001 min
Response: 2918836
Conc: 19.98 ug/ml

Instrument :

FID_C

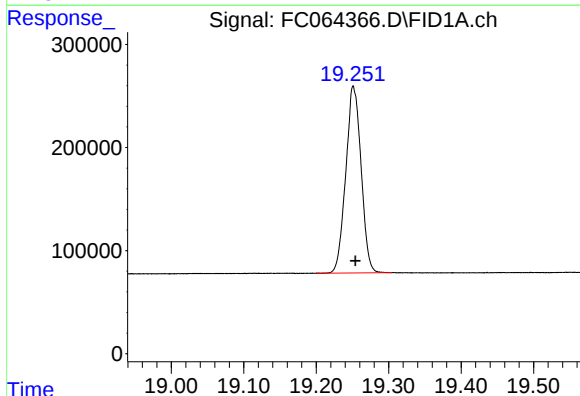
ClientSampleId :

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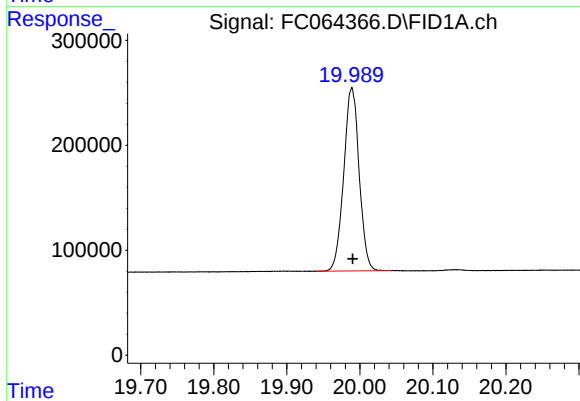
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.000 min
Response: 2816923
Conc: 19.94 ug/ml



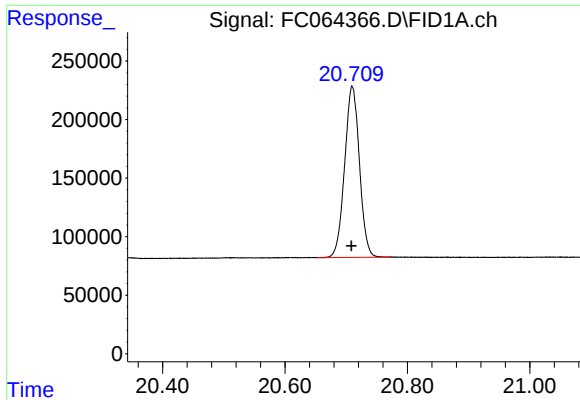
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.003 min
Response: 2663465
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

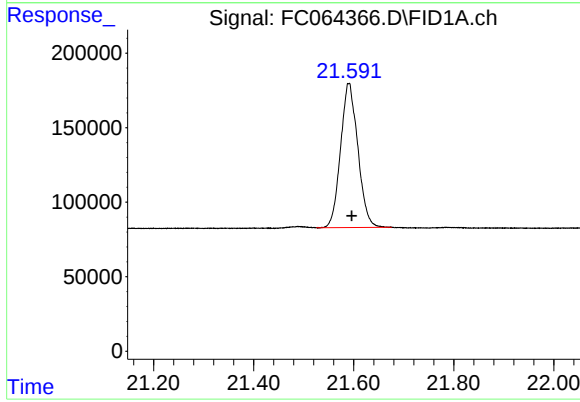
R.T.: 19.989 min
Delta R.T.: -0.001 min
Response: 2558870
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.001 min
Response: 2452644
Conc: 19.97 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: -0.006 min
Response: 2321983
Conc: 19.99 ug/ml