

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091323AL\
 Data File : FC064565.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 01:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 14 02:47:07 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)	11.505	4172170	19.652 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	12.940	3072706	20.153 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.302	3454355	19.572 ug/ml
2) T n-Decane (C10)	4.362	3538077	20.169 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3786725	20.364 ug/ml
4) T n-Dodecane (C12)	6.372	3596157	20.175 ug/ml
5) T A~2-methylnaphthalene...	6.994	3661661	20.584 ug/ml
6) T n-Tetradecane (C14)	8.161	3547873	20.337 ug/ml
7) T n-Hexadecane (C16)	9.756	3572214	20.671 ug/ml
8) T n-Octadecane (C18)	11.192	3582915	20.465 ug/ml
10) T n-Eicosane (C20)	12.497	3428160	20.266 ug/ml
11) T n-Heneicosane (C21)	13.106	3346866	20.053 ug/ml
13) T n-Docosane (C22)	13.691	3294187	20.196 ug/ml
14) T n-Tetracosane (C24)	14.789	3185114	20.001 ug/ml
15) T n-Hexacosane (C26)	15.806	3056944	19.786 ug/ml
16) T n-Octacosane (C28)	16.754	2984605	20.159 ug/ml
17) T n-Tricontane (C30)	17.636	3069198	21.012 ug/ml
18) T n-Dotriacontane (C32)	18.466	3084611	21.837 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2953407	22.104 ug/ml
20) T n-Hexatriacontane (C36)	19.983	2850122	22.273 ug/ml
21) T n-Octatriacontane (C38)	20.704	2777141	22.616 ug/ml
22) T n-Tetracontane (C40)	21.585	2753310	23.708 ug/ml

(f)=RT Delta > 1/2 Window

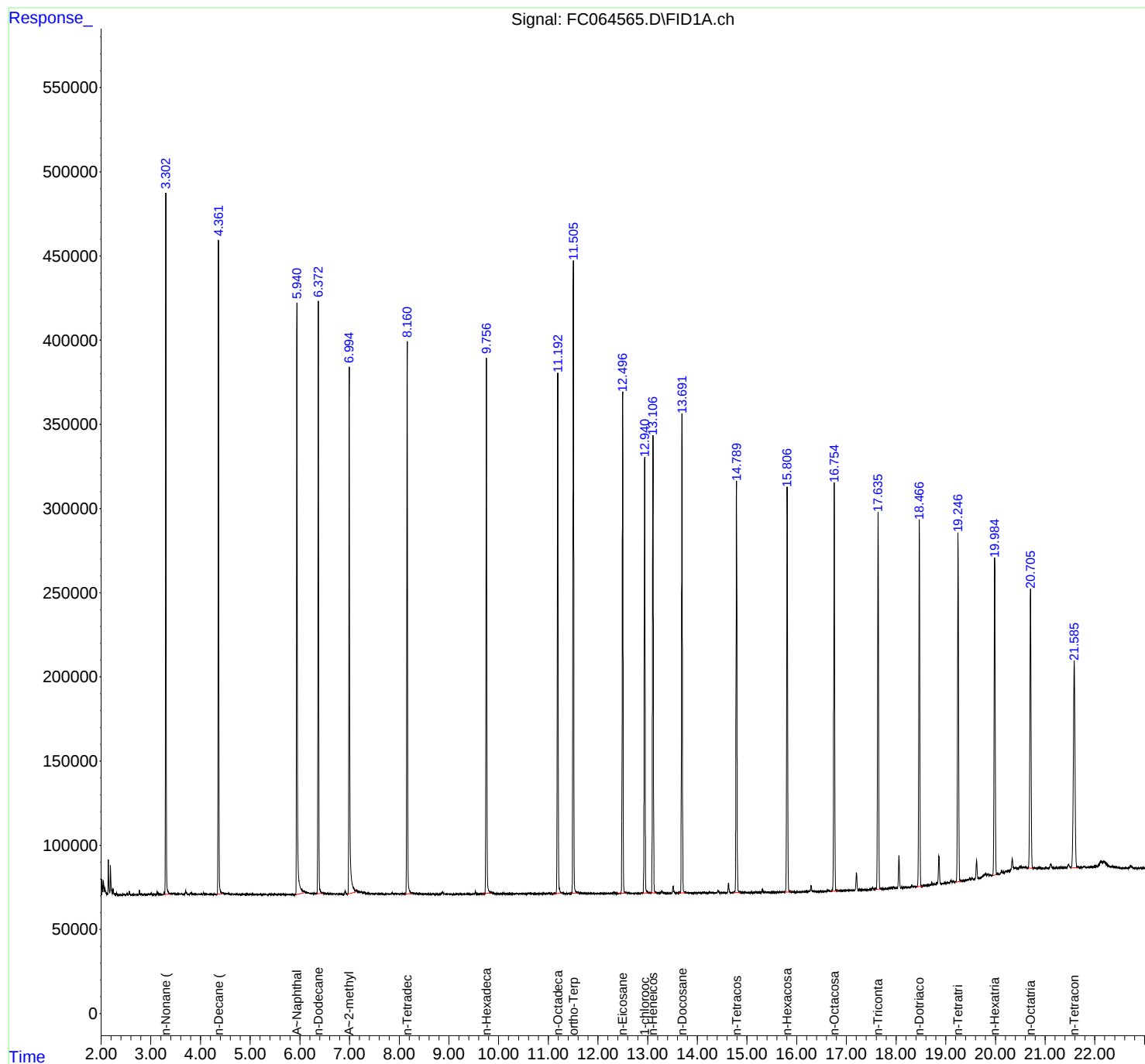
(m)=manual int.

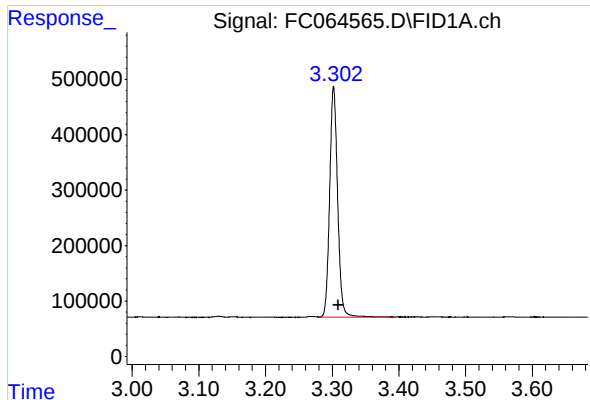
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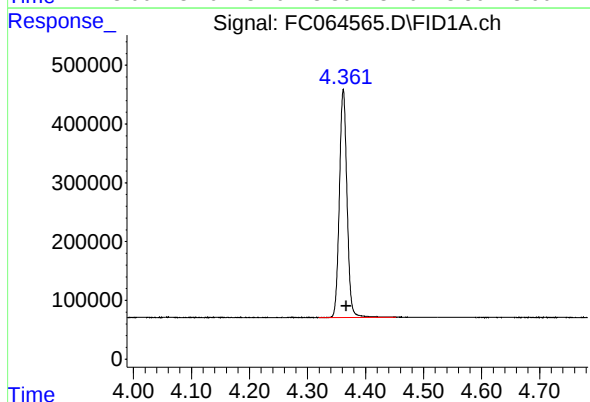




#1 n-Nonane (C9)

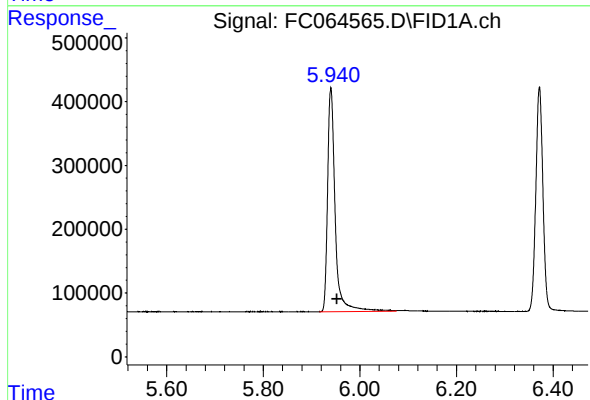
R.T.: 3.302 min
Delta R.T.: -0.007 min
Response: 3454355
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



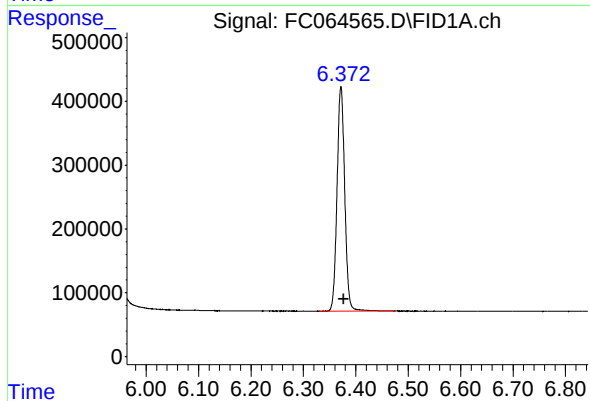
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 3538077
Conc: 20.17 ug/ml



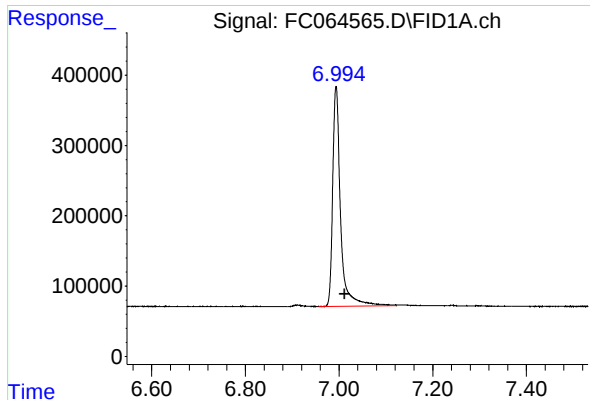
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.013 min
Response: 3786725
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

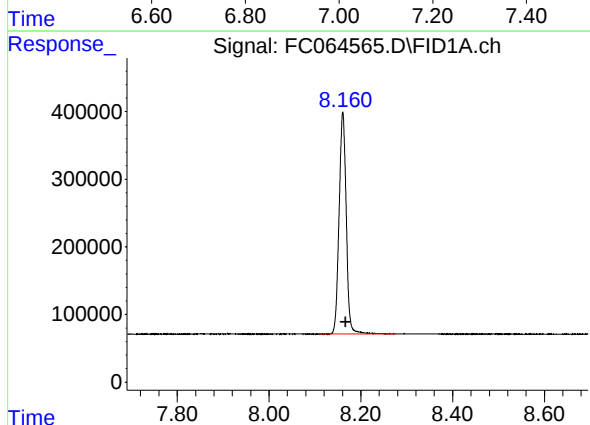
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 3596157
Conc: 20.18 ug/ml



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

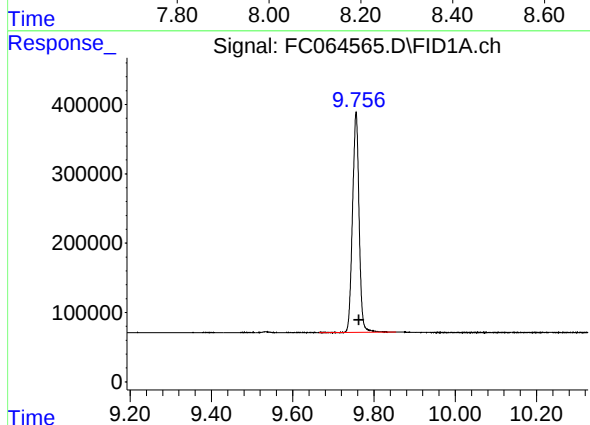
R.T.: 6.994 min
Delta R.T.: -0.018 min
Response: 3661661
Conc: 20.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



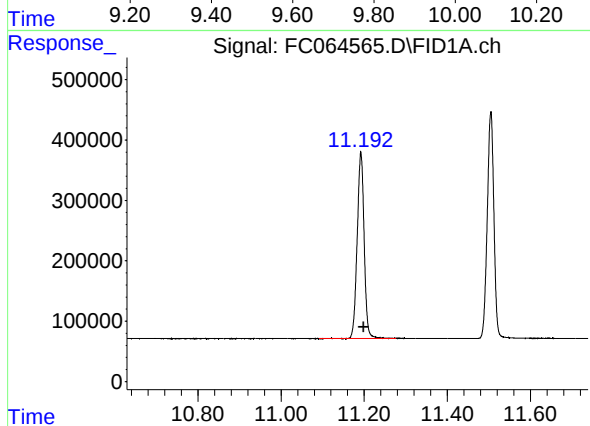
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.006 min
Response: 3547873
Conc: 20.34 ug/ml



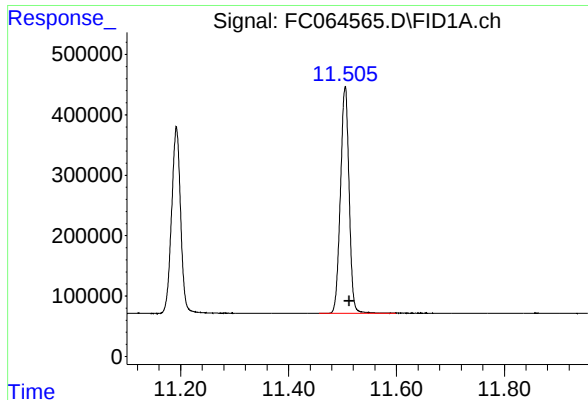
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: -0.007 min
Response: 3572214
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

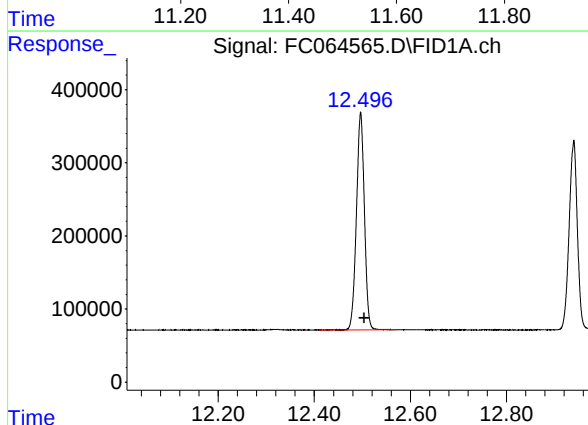
R.T.: 11.192 min
Delta R.T.: -0.006 min
Response: 3582915
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

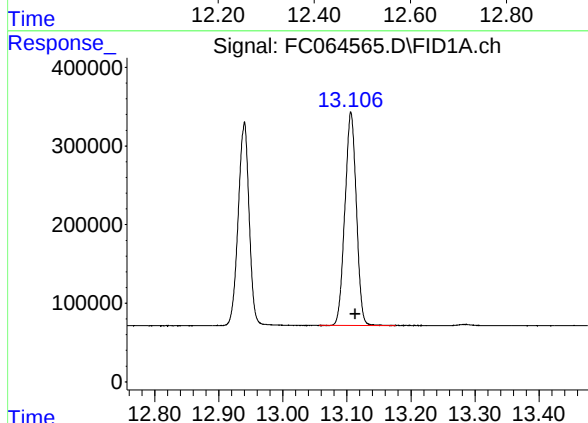
R.T.: 11.505 min
Delta R.T.: -0.007 min
Response: 4172170
Conc: 19.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



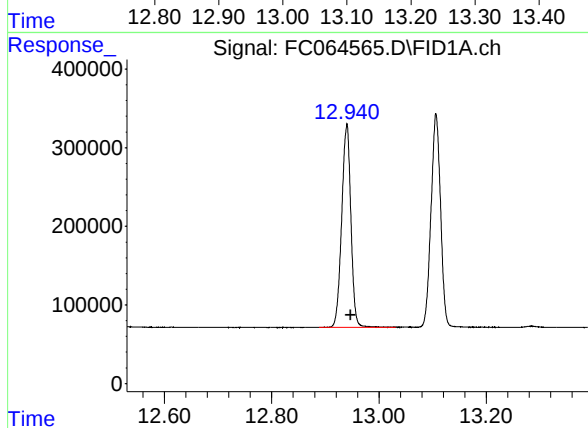
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.007 min
Response: 3428160
Conc: 20.27 ug/ml



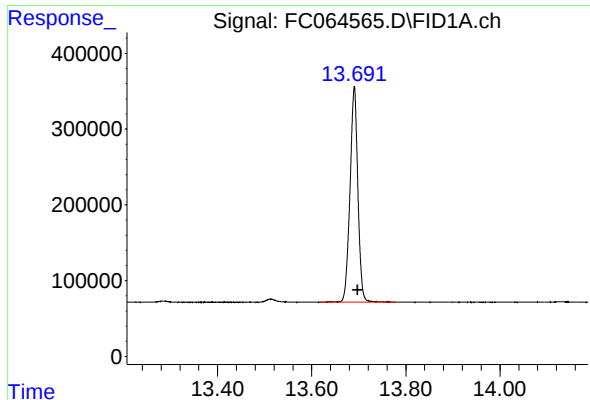
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.007 min
Response: 3346866
Conc: 20.05 ug/ml



#12 1-chlorooctadecane (SURR)

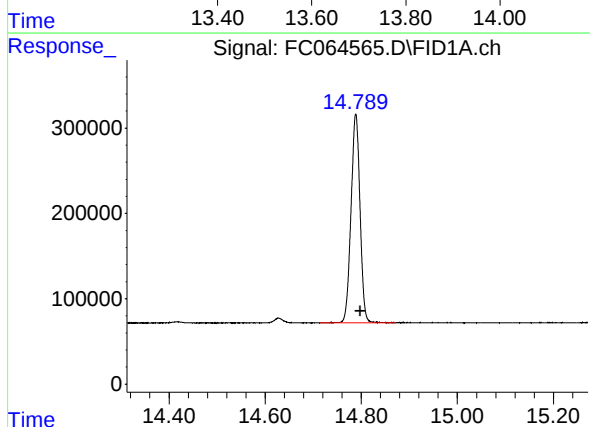
R.T.: 12.940 min
Delta R.T.: -0.007 min
Response: 3072706
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

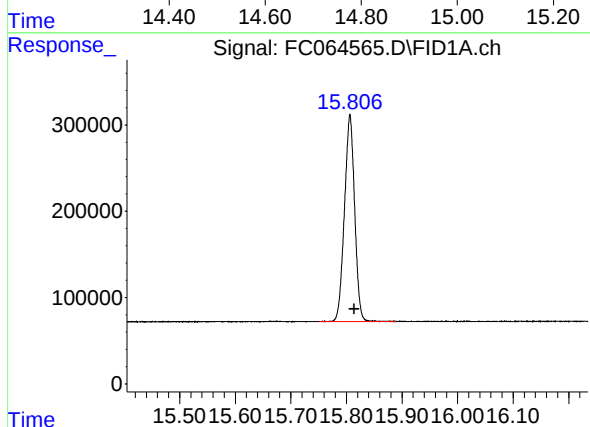
R.T.: 13.691 min
Delta R.T.: -0.008 min
Response: 3294187
Conc: 20.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



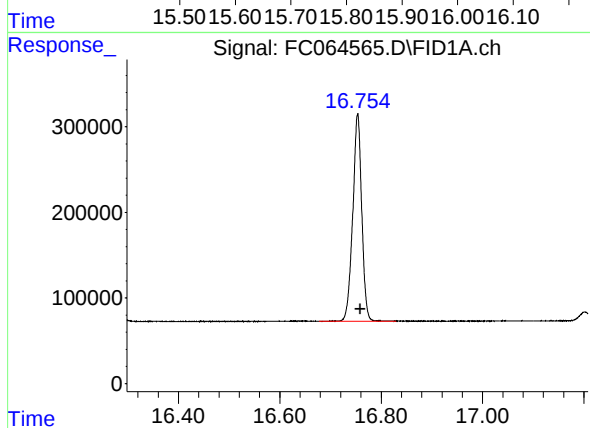
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.010 min
Response: 3185114
Conc: 20.00 ug/ml



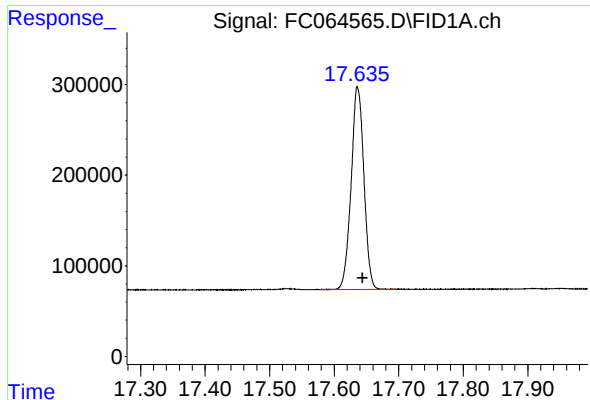
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.008 min
Response: 3056944
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

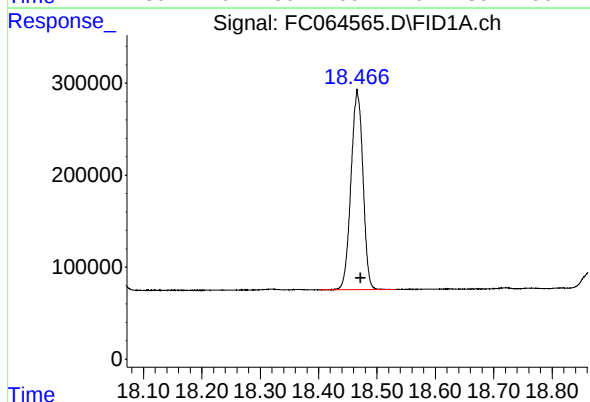
R.T.: 16.754 min
Delta R.T.: -0.005 min
Response: 2984605
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

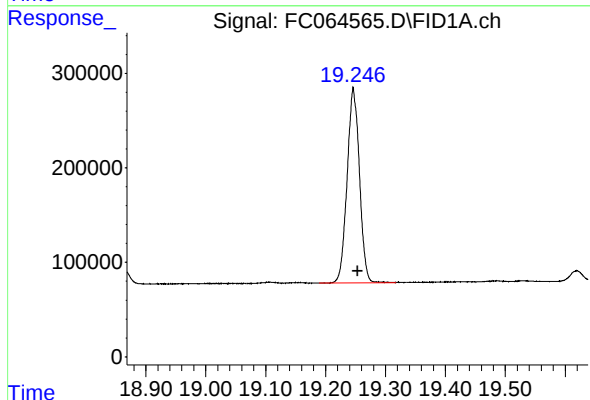
R.T.: 17.636 min
Delta R.T.: -0.008 min
Response: 3069198
Conc: 21.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



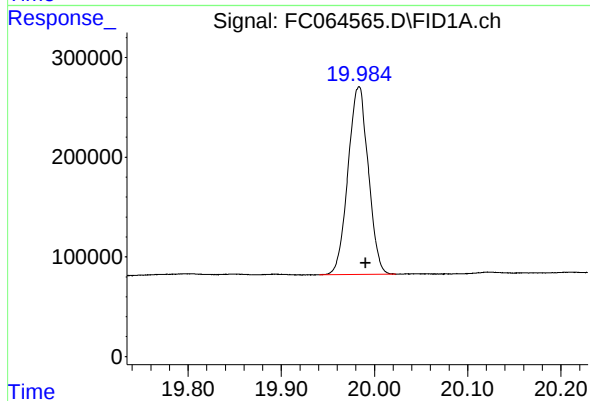
#18 n-Dotriacontane (C32)

R.T.: 18.466 min
Delta R.T.: -0.006 min
Response: 3084611
Conc: 21.84 ug/ml



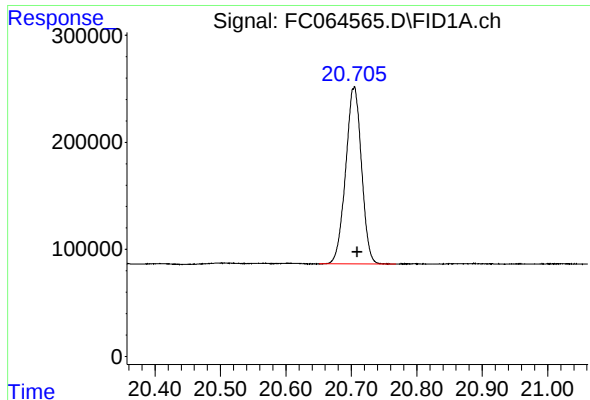
#19 n-Tetatriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.008 min
Response: 2953407
Conc: 22.10 ug/ml



#20 n-Hexatriacontane (C36)

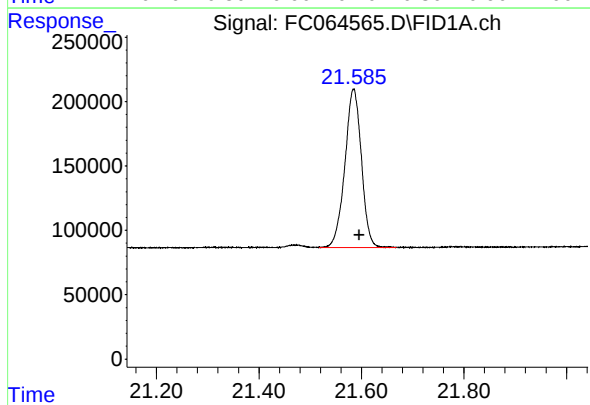
R.T.: 19.983 min
Delta R.T.: -0.007 min
Response: 2850122
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.004 min
Response: 2777141
Conc: 22.62 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.011 min
Response: 2753310
Conc: 23.71 ug/ml