

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090624AL\
 Data File : FC067058.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2024 11:32
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 07 01:54:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.507	3247237	21.331 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
12) S 1-chlorooctadecane (S...	12.946	2309303	21.315 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T n-Nonane (C9)	3.277	3113598	21.185 ug/ml
2) T n-Decane (C10)	4.343	3199964	21.355 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3379998	21.246 ug/ml
4) T n-Dodecane (C12)	6.361	3207863	21.380 ug/ml
5) T A~2-methylnaphthalene...	6.979	3190041	21.212 ug/ml
6) T n-Tetradecane (C14)	8.155	3123341	21.541 ug/ml
7) T n-Hexadecane (C16)	9.755	3172234	21.644 ug/ml
8) T n-Octadecane (C18)	11.195	3163897	21.708 ug/ml
10) T n-Eicosane (C20)	12.503	2950475	21.545 ug/ml
11) T n-Heneicosane (C21)	13.115	2855914	21.431 ug/ml
13) T n-Docosane (C22)	13.701	2815253	21.365 ug/ml
14) T n-Tetracosane (C24)	14.803	2750177	21.220 ug/ml
15) T n-Hexacosane (C26)	15.823	2663900	21.001 ug/ml
16) T n-Octacosane (C28)	16.772	2621789	21.108 ug/ml
17) T n-Tricontane (C30)	17.659	2675937	21.293 ug/ml
18) T n-Dotriacontane (C32)	18.490	2624124	21.245 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2500166	20.850 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2285723	20.244 ug/ml
21) T n-Octatriacontane (C38)	20.739	2120601	19.465 ug/ml
22) T n-Tetracontane (C40)	21.632	1892871	18.530 ug/ml

(f)=RT Delta > 1/2 Window

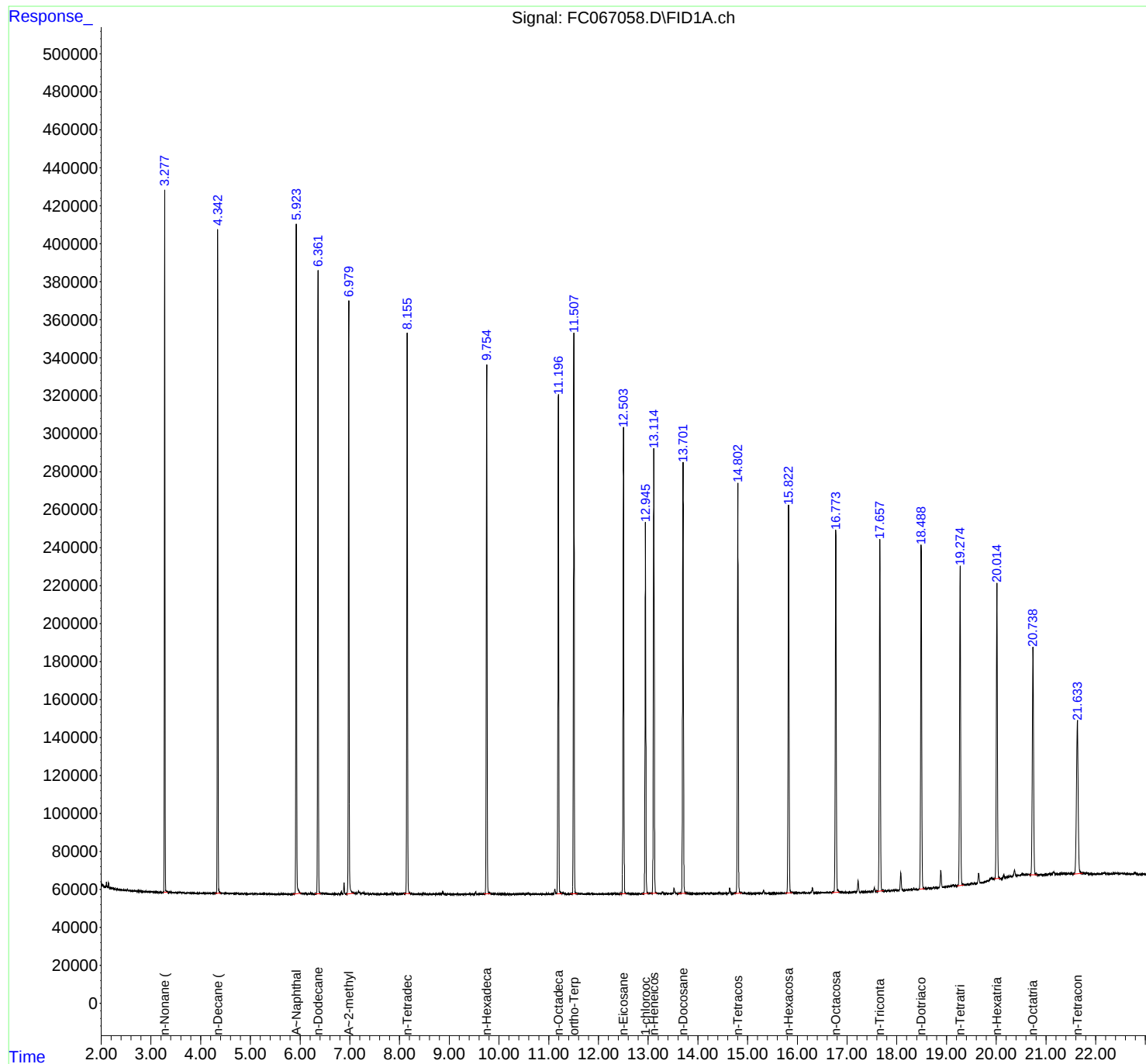
(m)=manual int.

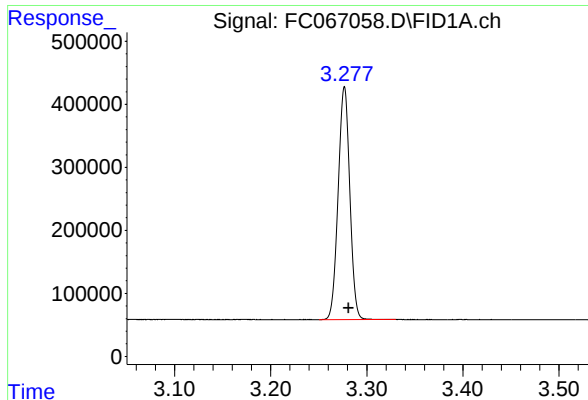
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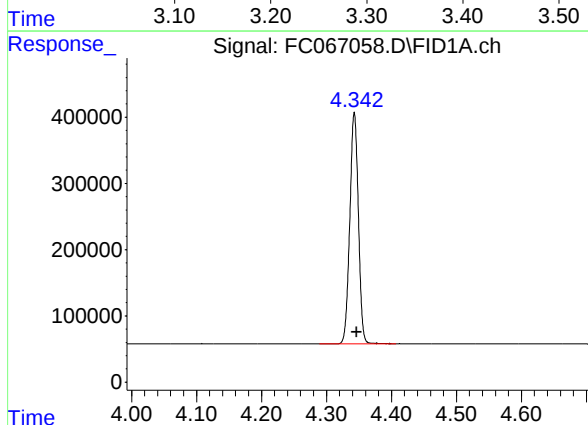




#1 n-Nonane (C9)

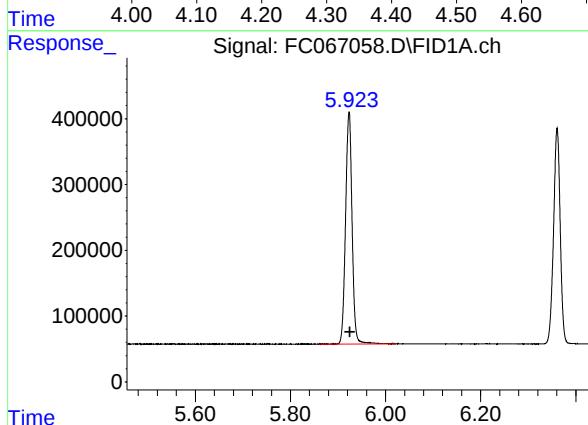
R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 3113598
Conc: 21.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



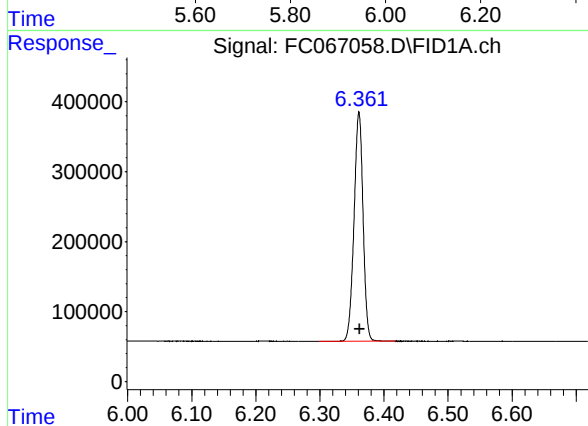
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: -0.003 min
Response: 3199964
Conc: 21.35 ug/ml



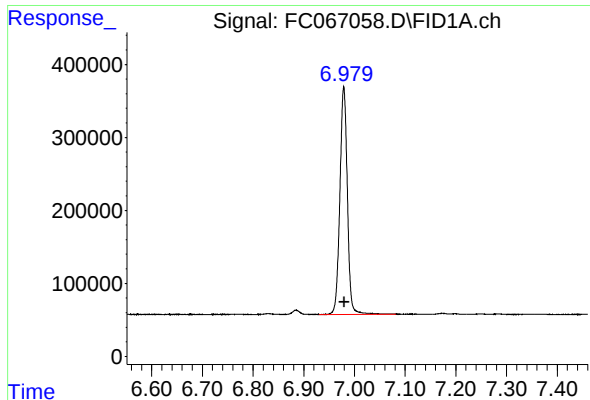
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 3379998
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

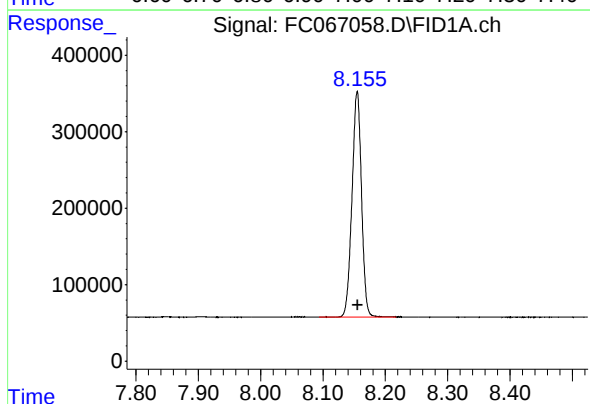
R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 3207863
Conc: 21.38 ug/ml



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

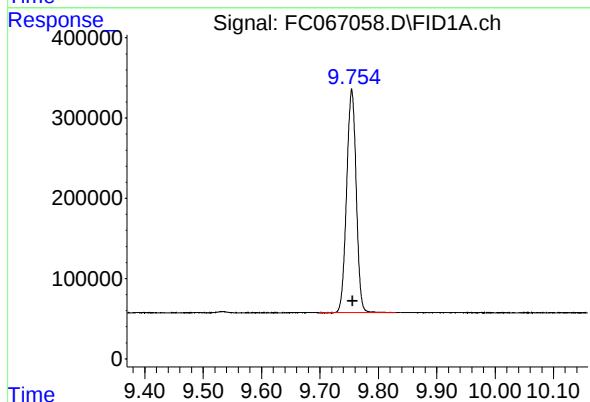
R.T.: 6.979 min
Delta R.T.: -0.001 min
Response: 3190041
Conc: 21.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



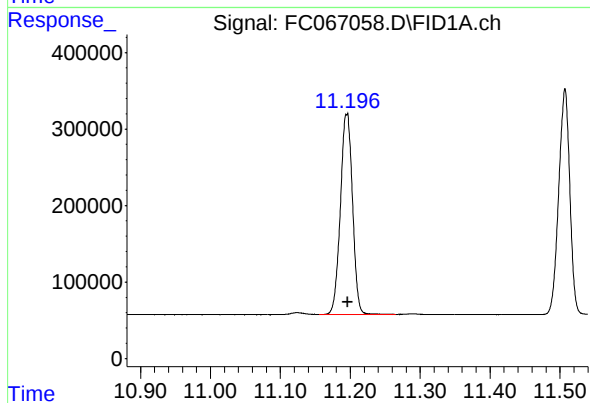
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.001 min
Response: 3123341
Conc: 21.54 ug/ml



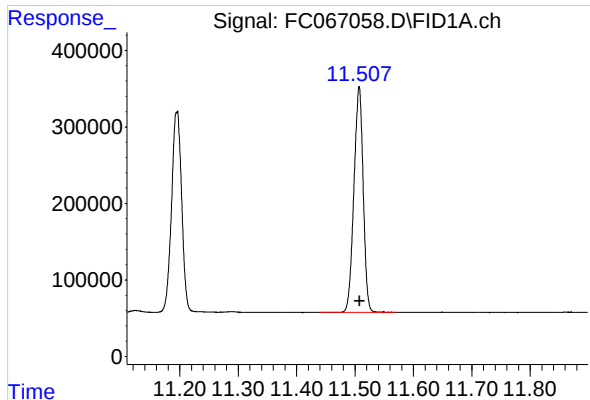
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.001 min
Response: 3172234
Conc: 21.64 ug/ml



#8 n-Octadecane (C18)

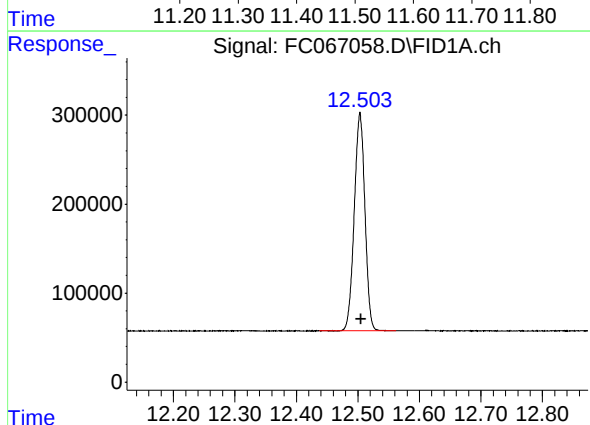
R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 3163897
Conc: 21.71 ug/ml



#9 ortho-Terphenyl (SURR)

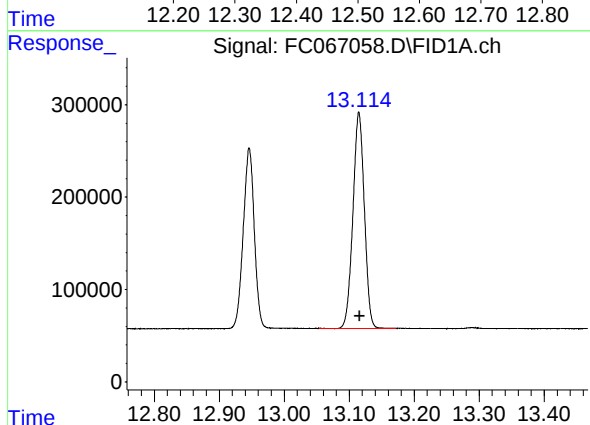
R.T.: 11.507 min
Delta R.T.: 0.000 min
Response: 3247237
Conc: 21.33 ug/ml

Instrument :
FID_C
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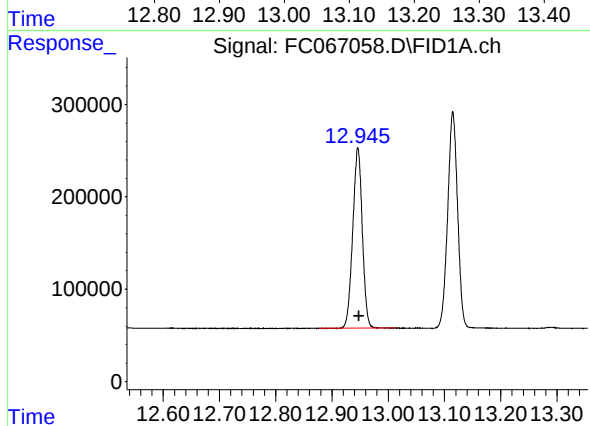
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.002 min
Response: 2950475
Conc: 21.54 ug/ml



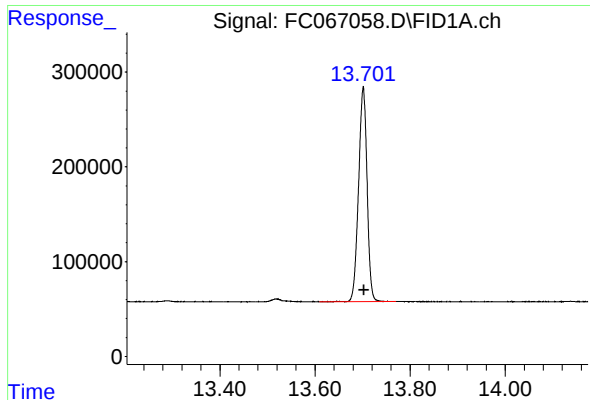
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.001 min
Response: 2855914
Conc: 21.43 ug/ml



#12 1-chlorooctadecane (SURR)

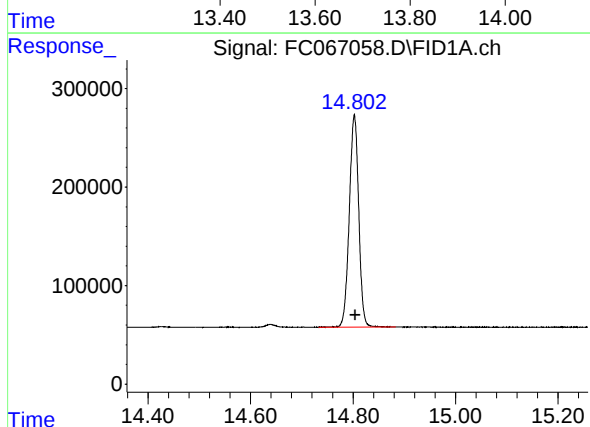
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 2309303
Conc: 21.32 ug/ml



#13 n-Docosane (C22)

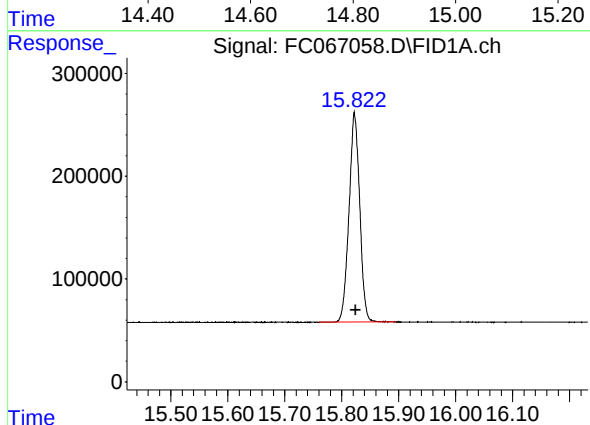
R.T.: 13.701 min
Delta R.T.: -0.001 min
Response: 2815253
Conc: 21.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



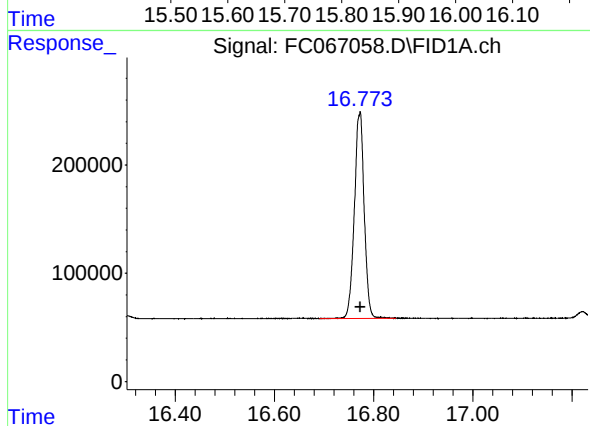
#14 n-Tetracosane (C24)

R.T.: 14.803 min
Delta R.T.: -0.002 min
Response: 2750177
Conc: 21.22 ug/ml



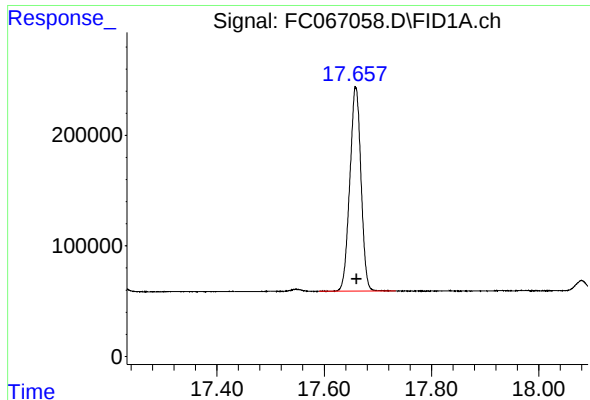
#15 n-Hexacosane (C26)

R.T.: 15.823 min
Delta R.T.: -0.002 min
Response: 2663900
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

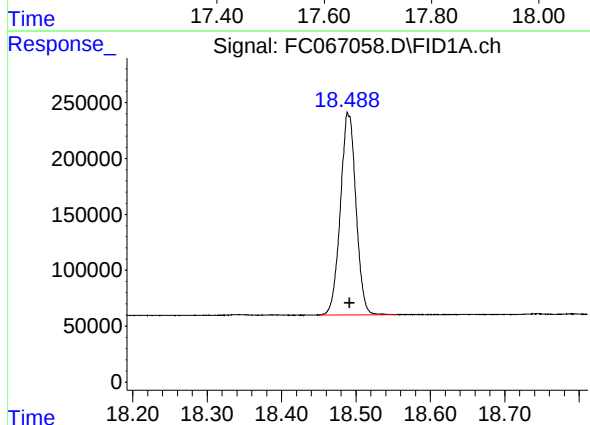
R.T.: 16.772 min
Delta R.T.: -0.001 min
Response: 2621789
Conc: 21.11 ug/ml



#17 n-Tricontane (C30)

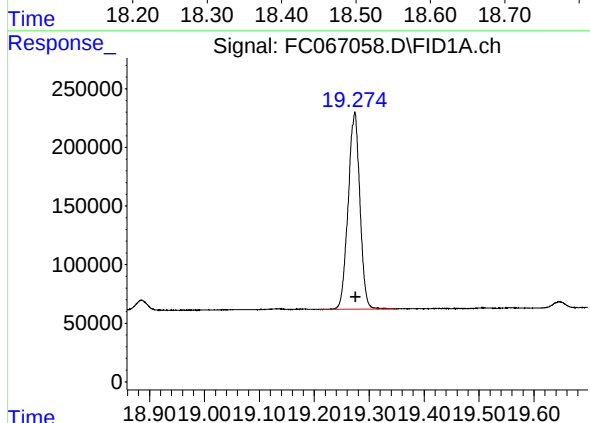
R.T.: 17.659 min
Delta R.T.: -0.001 min
Response: 2675937
Conc: 21.29 ug/ml

Instrument :
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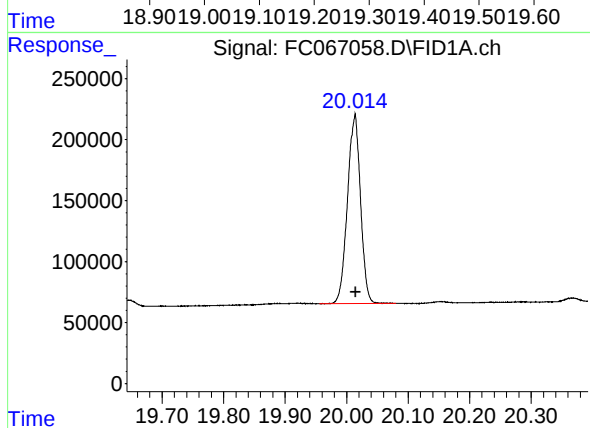
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.001 min
Response: 2624124
Conc: 21.24 ug/ml



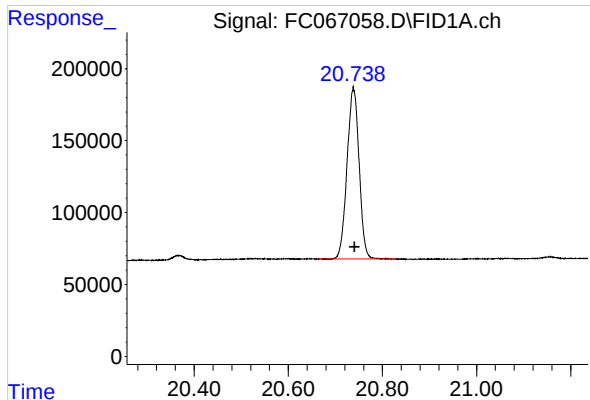
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 2500166
Conc: 20.85 ug/ml



#20 n-Hexatriacontane (C36)

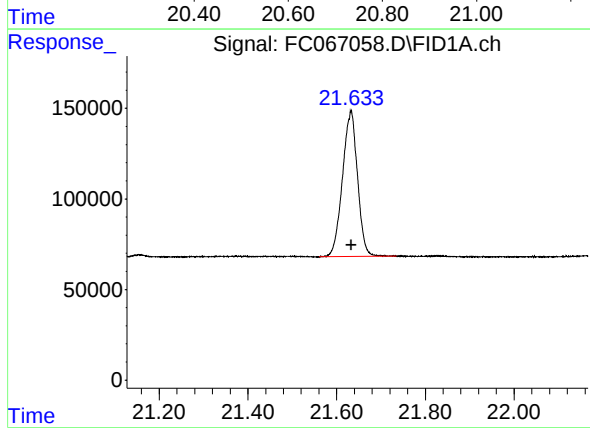
R.T.: 20.013 min
Delta R.T.: -0.001 min
Response: 2285723
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.739 min
Delta R.T.: -0.002 min
Response: 2120601
Conc: 19.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.000 min
Response: 1892871
Conc: 18.53 ug/ml