

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068418.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 10:51
 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: Mar 28 02:46:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 2025
 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)	11.384	4036248	20.321 ug/ml
Spiked Amount 50.000		Recovery =	40.64%
12) S 1-chlorooctadecane (S...	12.826	3023544	20.282 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
Target Compounds			
1) T n-Nonane (C9)	3.197	3218426	20.122 ug/ml
2) T n-Decane (C10)	4.253	3285083	20.265 ug/ml
3) T A~Naphthalene (C11.7)	5.818	3606269	20.412 ug/ml
4) T n-Dodecane (C12)	6.260	3358953	20.369 ug/ml
5) T A~2-methylnaphthalene...	6.870	3483270	20.478 ug/ml
6) T n-Tetradecane (C14)	8.048	3367112	20.464 ug/ml
7) T n-Hexadecane (C16)	9.643	3509457	20.422 ug/ml
8) T n-Octadecane (C18)	11.080	3565446	20.313 ug/ml
10) T n-Eicosane (C20)	12.386	3462303	20.216 ug/ml
11) T n-Heneicosane (C21)	12.996	3403137	20.288 ug/ml
13) T n-Docosane (C22)	13.581	3413488	20.234 ug/ml
14) T n-Tetracosane (C24)	14.681	3401533	19.862 ug/ml
15) T n-Hexacosane (C26)	15.700	3339609	19.843 ug/ml
16) T n-Octacosane (C28)	16.648	3316338	19.833 ug/ml
17) T n-Tricontane (C30)	17.535	3487931	20.005 ug/ml
18) T n-Dotriacontane (C32)	18.366	3396126	20.287 ug/ml
19) T n-Tetratriacontane (C34)	19.147	3028567	20.533 ug/ml
20) T n-Hexatriacontane (C36)	19.885	2534603	20.711 ug/ml
21) T n-Octatriacontane (C38)	20.596	2230253	20.769 ug/ml
22) T n-Tetracontane (C40)	21.441	2033278	20.747 ug/ml

(f)=RT Delta > 1/2 Window

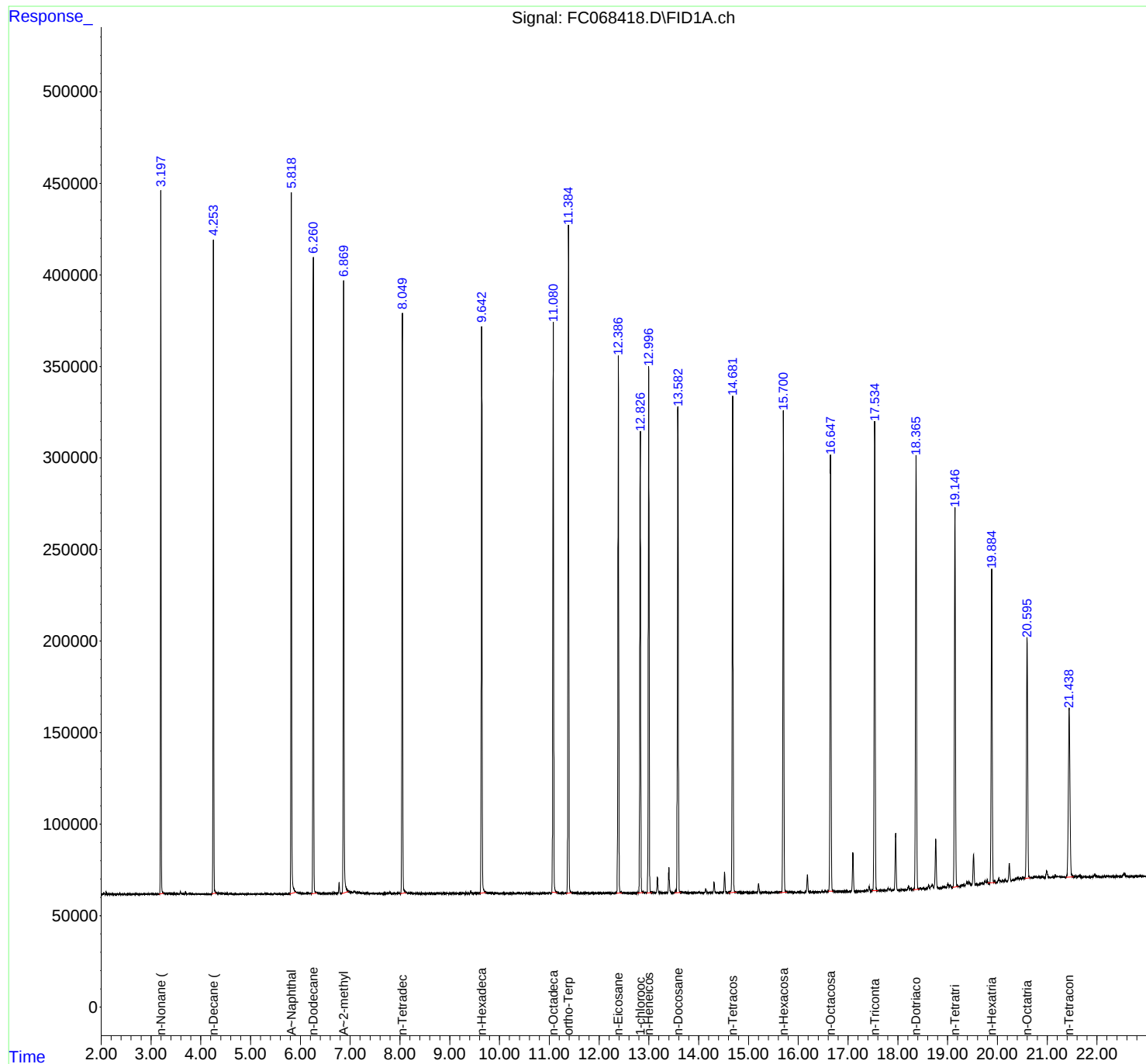
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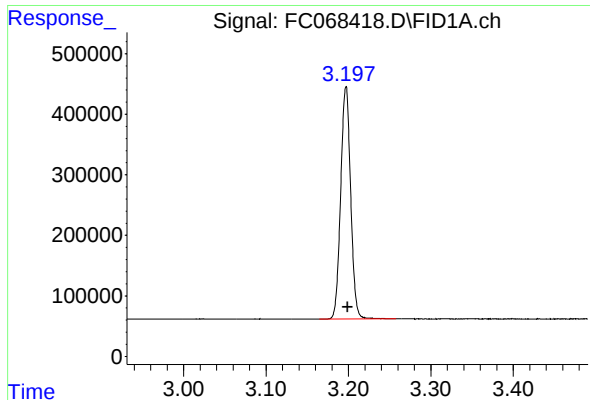
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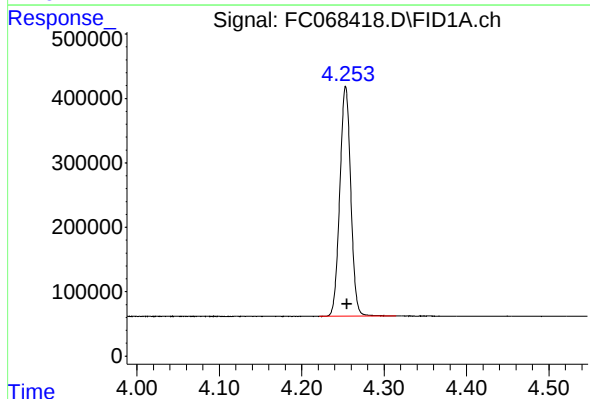




#1 n-Nonane (C9)

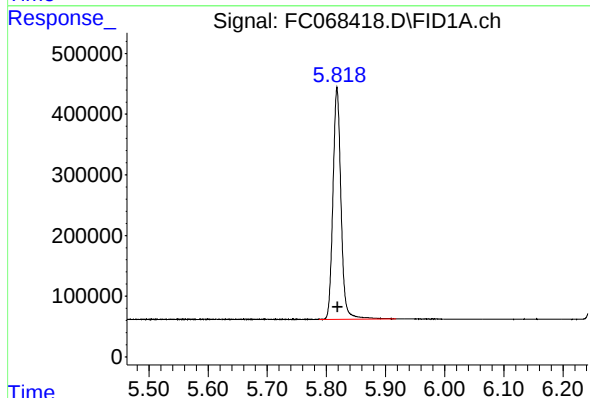
R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 3218426
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



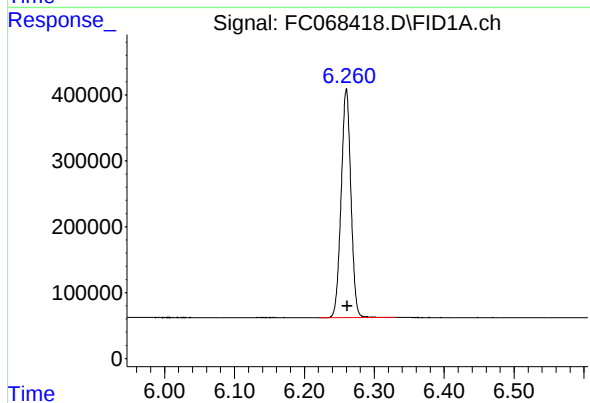
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: -0.001 min
Response: 3285083
Conc: 20.26 ug/ml



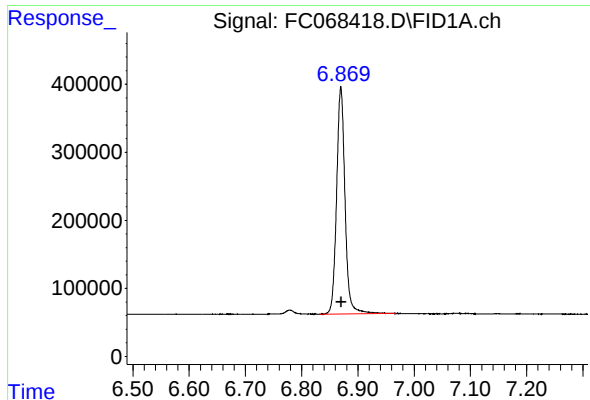
#3 A~Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.001 min
Response: 3606269
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

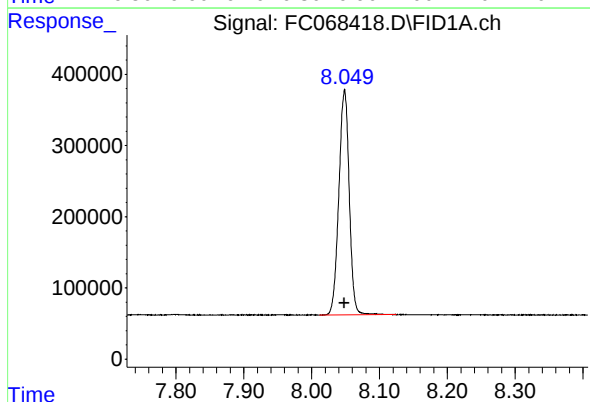
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 3358953
Conc: 20.37 ug/ml



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

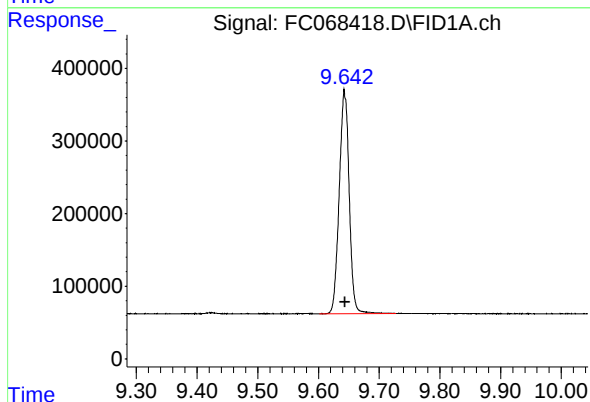
R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 3483270
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



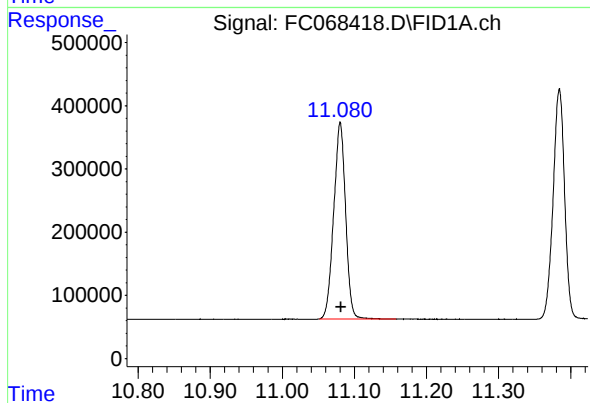
#6 n-Tetradecane (C14)

R.T.: 8.048 min
Delta R.T.: 0.000 min
Response: 3367112
Conc: 20.46 ug/ml



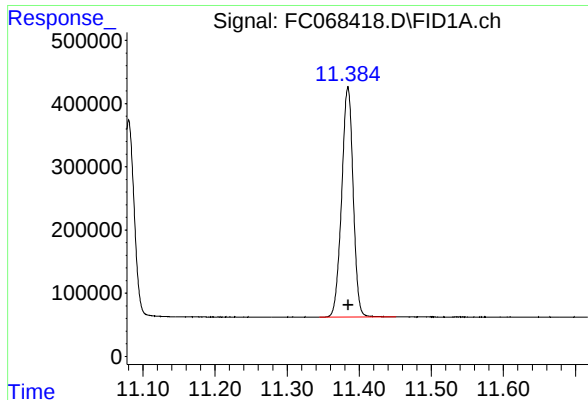
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: 0.000 min
Response: 3509457
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

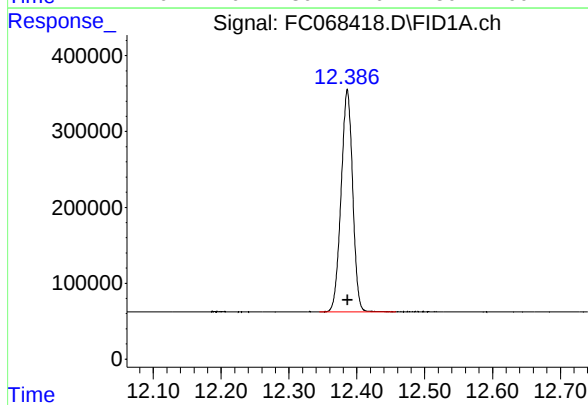
R.T.: 11.080 min
Delta R.T.: -0.001 min
Response: 3565446
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

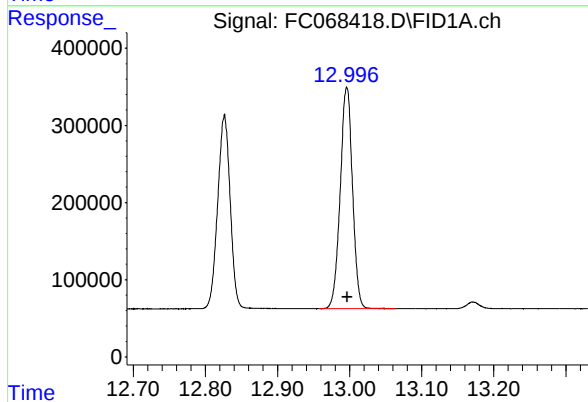
R.T.: 11.384 min
Delta R.T.: 0.000 min
Response: 4036248
Conc: 20.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



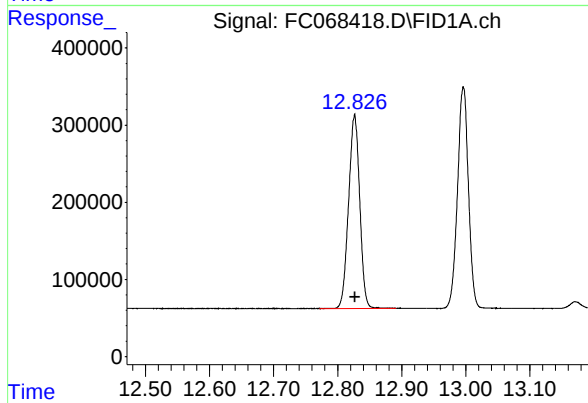
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 3462303
Conc: 20.22 ug/ml



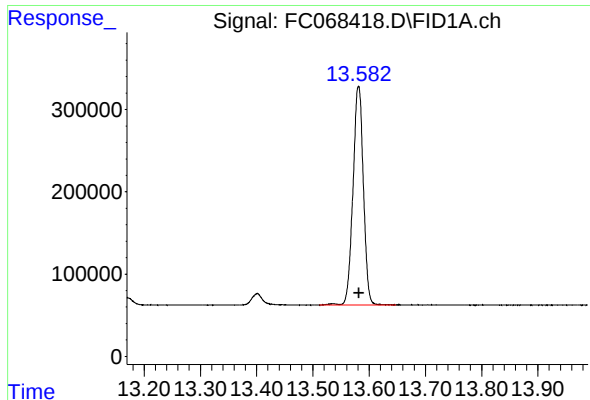
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 3403137
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

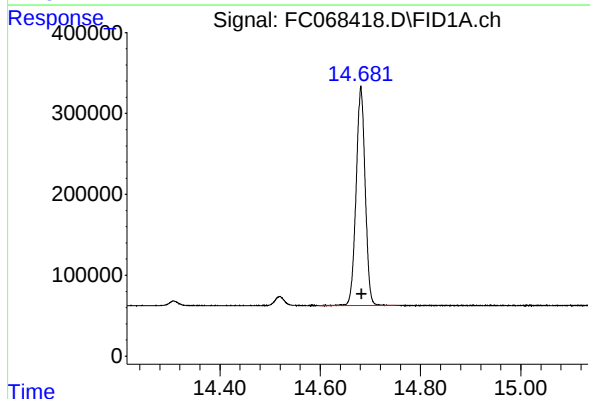
R.T.: 12.826 min
Delta R.T.: 0.000 min
Response: 3023544
Conc: 20.28 ug/ml



#13 n-Docosane (C22)

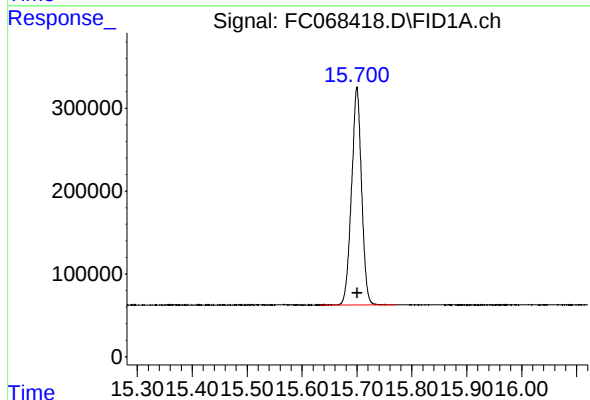
R.T.: 13.581 min
Delta R.T.: 0.000 min
Response: 3413488
Conc: 20.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



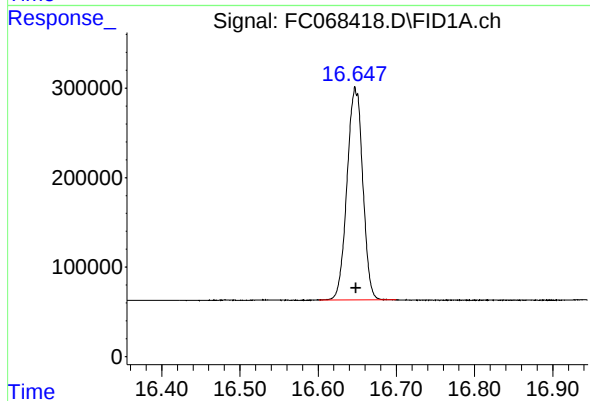
#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: -0.001 min
Response: 3401533
Conc: 19.86 ug/ml



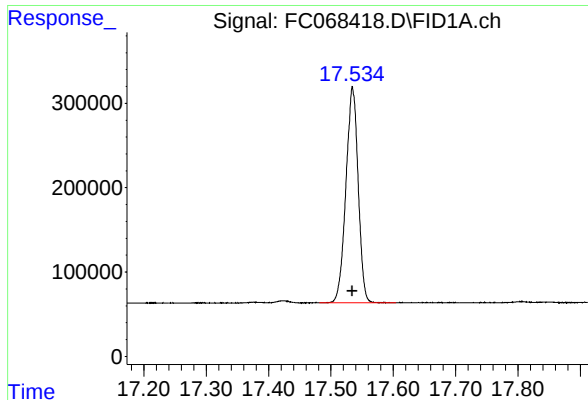
#15 n-Hexacosane (C26)

R.T.: 15.700 min
Delta R.T.: 0.000 min
Response: 3339609
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

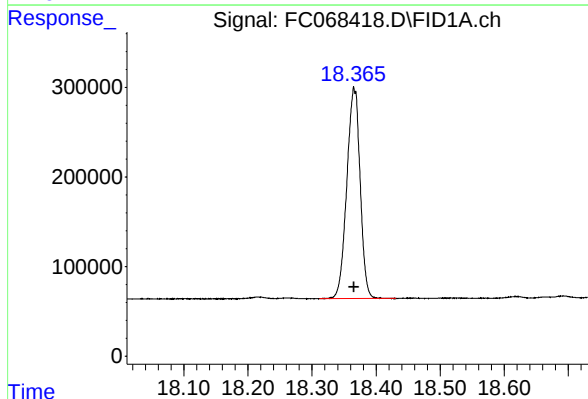
R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 3316338
Conc: 19.83 ug/ml



#17 n-Tricontane (C30)

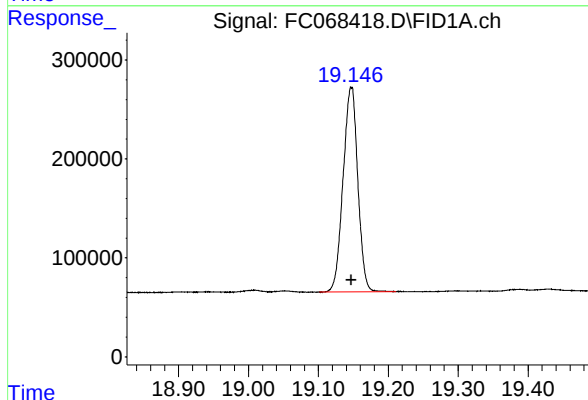
R.T.: 17.535 min
Delta R.T.: 0.000 min
Response: 3487931
Conc: 20.00 ug/ml

Instrument :
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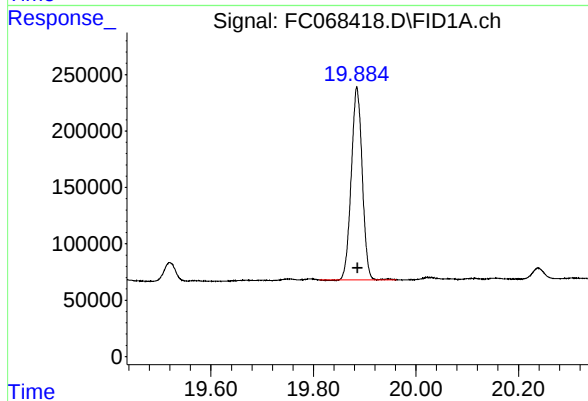
#18 n-Dotriacontane (C32)

R.T.: 18.366 min
Delta R.T.: 0.000 min
Response: 3396126
Conc: 20.29 ug/ml



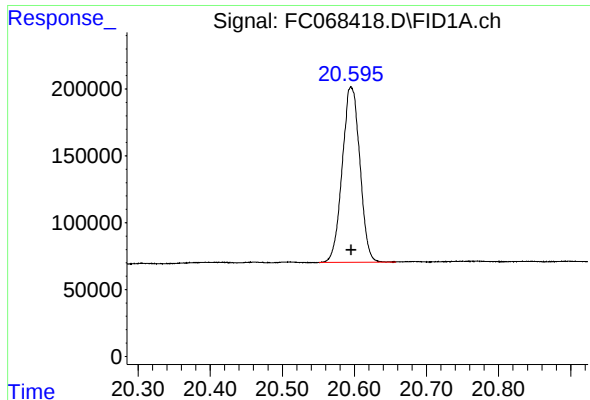
#19 n-Tetratriacontane (C34)

R.T.: 19.147 min
Delta R.T.: 0.000 min
Response: 3028567
Conc: 20.53 ug/ml



#20 n-Hexatriacontane (C36)

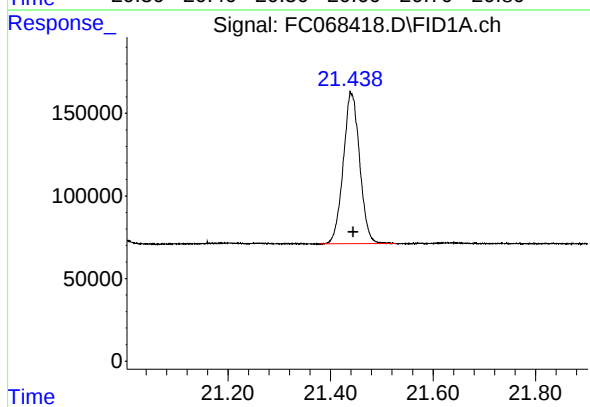
R.T.: 19.885 min
Delta R.T.: 0.000 min
Response: 2534603
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2230253
Conc: 20.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.441 min
Delta R.T.: -0.004 min
Response: 2033278
Conc: 20.75 ug/ml