

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031125AL\
 Data File : FC068398.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2025 13:39
 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: Mar 11 14:31:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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)	11.389	3026779	18.903 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
12) S 1-chlorooctadecane (S...	12.831	2195524	18.956 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.200	2855719	19.567 ug/ml
2) T n-Decane (C10)	4.257	2867395	19.519 ug/ml
3) T A~Naphthalene (C11.7)	5.822	3061196	19.491 ug/ml
4) T n-Dodecane (C12)	6.264	2818948	19.308 ug/ml
5) T A~2-methylnaphthalene...	6.874	2849000	19.289 ug/ml
6) T n-Tetradecane (C14)	8.052	2666580	18.966 ug/ml
7) T n-Hexadecane (C16)	9.647	2728600	19.297 ug/ml
8) T n-Octadecane (C18)	11.085	2723989	19.235 ug/ml
10) T n-Eicosane (C20)	12.391	2600534	19.138 ug/ml
11) T n-Heneicosane (C21)	13.000	2555711	19.145 ug/ml
13) T n-Docosane (C22)	13.586	2526031	19.156 ug/ml
14) T n-Tetracosane (C24)	14.686	2542966	19.180 ug/ml
15) T n-Hexacosane (C26)	15.705	2510559	19.170 ug/ml
16) T n-Octacosane (C28)	16.653	2513005	19.383 ug/ml
17) T n-Tricontane (C30)	17.540	2652282	19.377 ug/ml
18) T n-Dotriacontane (C32)	18.370	2622865	19.459 ug/ml
19) T n-Tetratriacontane (C34)	19.152	2326123	18.689 ug/ml
20) T n-Hexatriacontane (C36)	19.892	1992824	18.438 ug/ml
21) T n-Octatriacontane (C38)	20.604	1803528	18.383 ug/ml
22) T n-Tetracontane (C40)	21.453	1507838	16.725 ug/ml

(f)=RT Delta > 1/2 Window

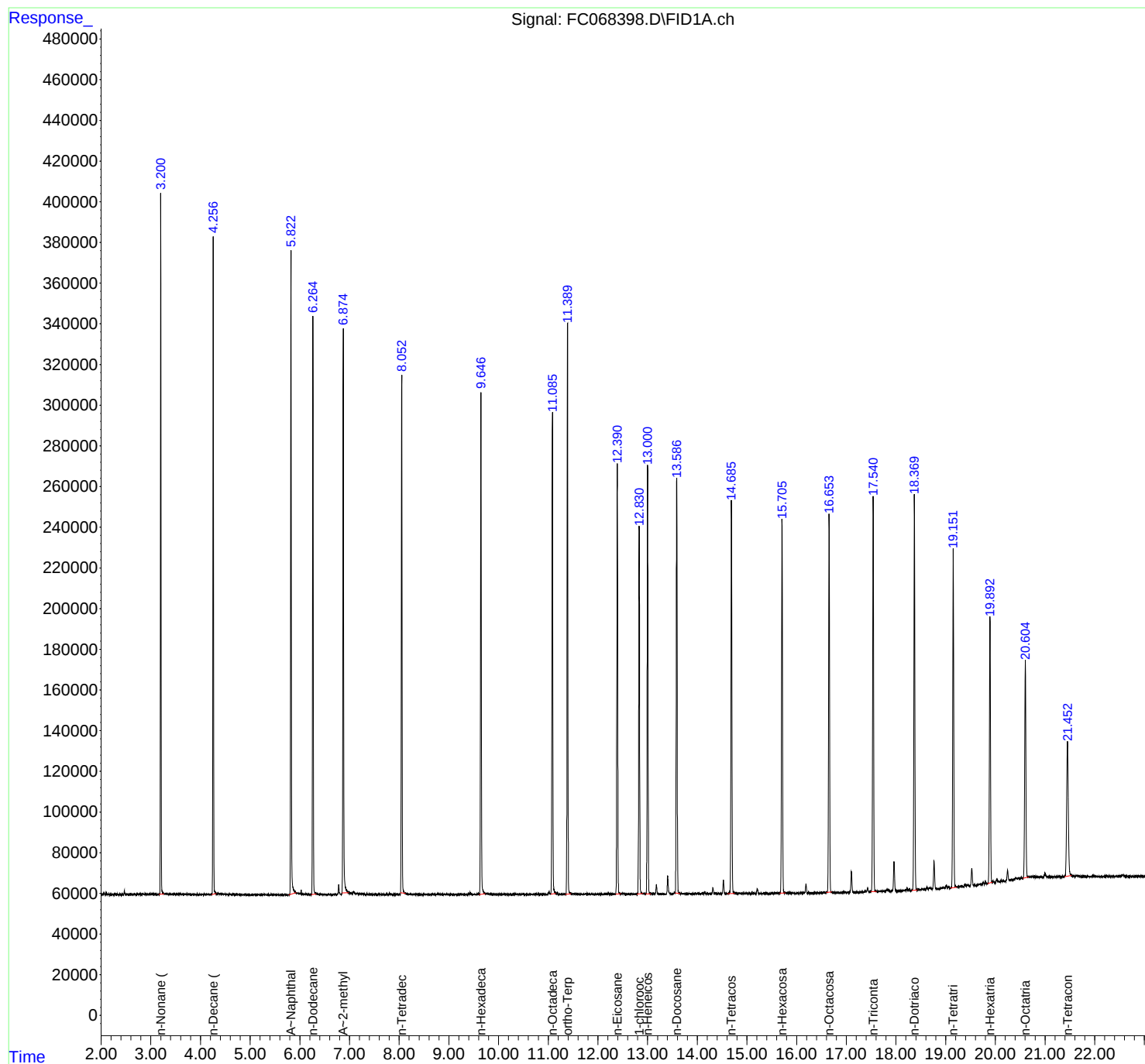
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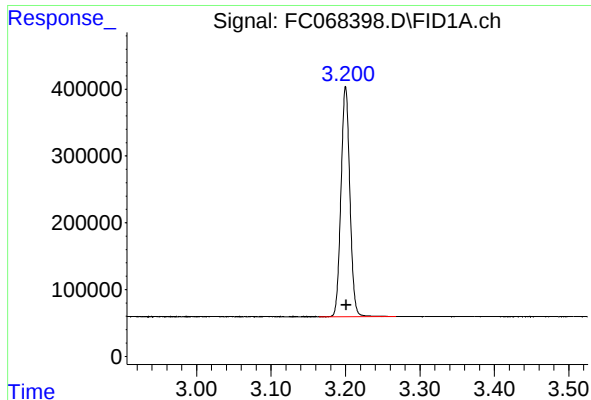
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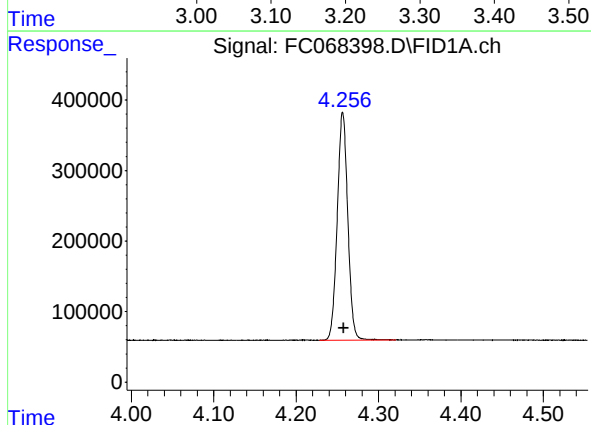




#1 n-Nonane (C9)

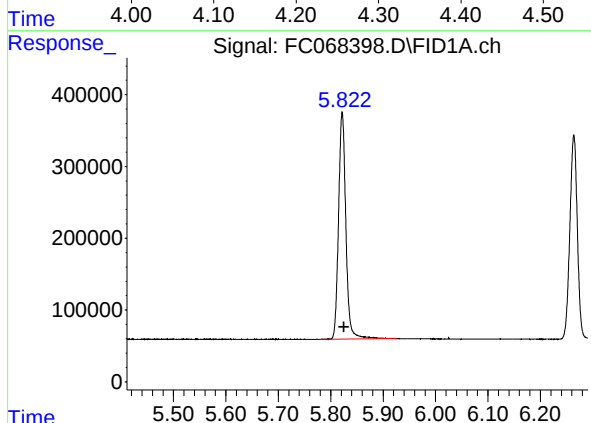
R.T.: 3.200 min
Delta R.T.: 0.000 min
Response: 2855719
Conc: 19.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



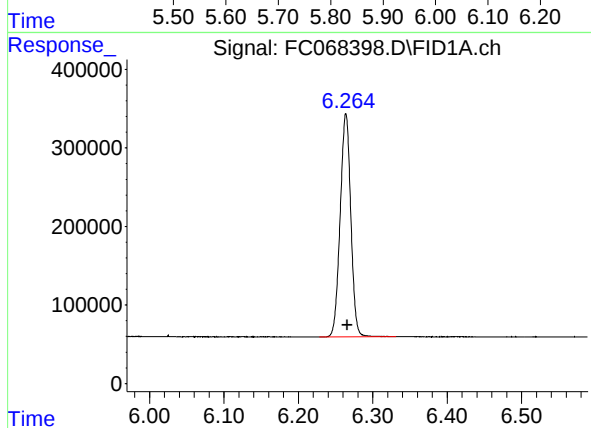
#2 n-Decane (C10)

R.T.: 4.257 min
Delta R.T.: -0.001 min
Response: 2867395
Conc: 19.52 ug/ml



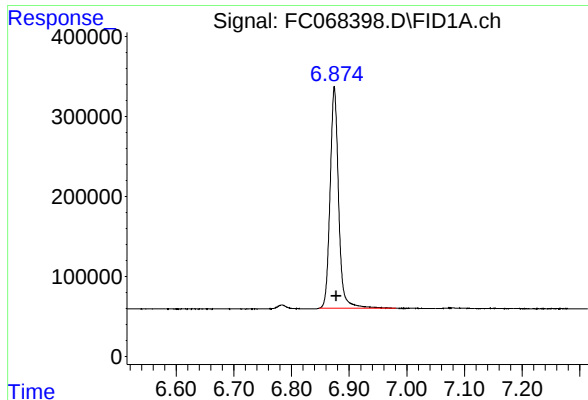
#3 A~Naphthalene (C11.7)

R.T.: 5.822 min
Delta R.T.: -0.004 min
Response: 3061196
Conc: 19.49 ug/ml



#4 n-Dodecane (C12)

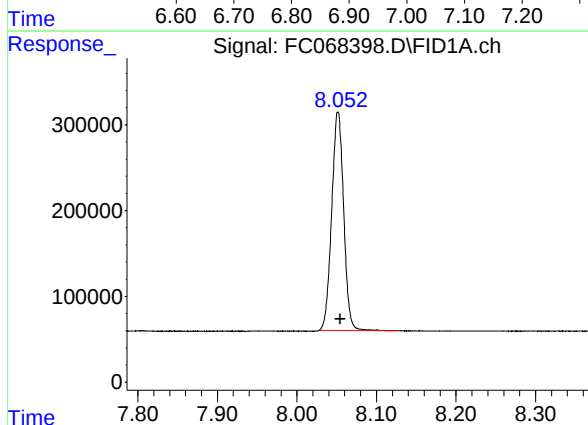
R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 2818948
Conc: 19.31 ug/ml



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

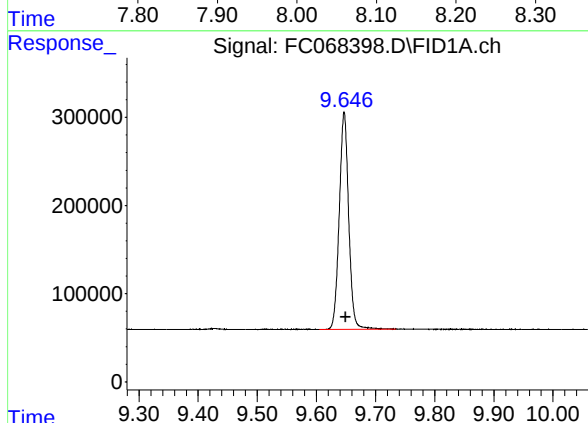
R.T.: 6.874 min
Delta R.T.: -0.004 min
Response: 2849000
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



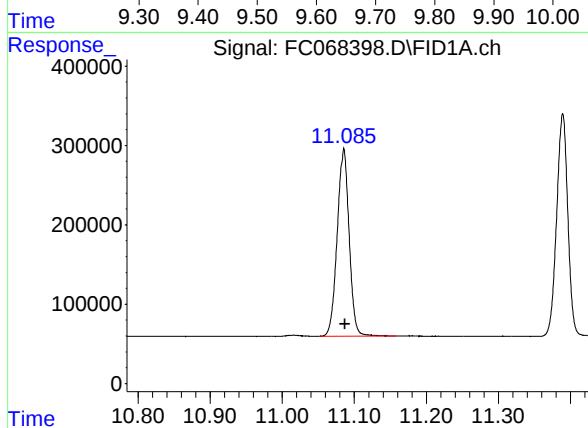
#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: -0.003 min
Response: 2666580
Conc: 18.97 ug/ml



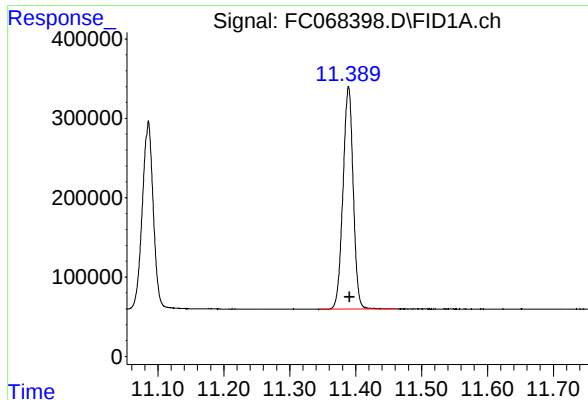
#7 n-Hexadecane (C16)

R.T.: 9.647 min
Delta R.T.: -0.002 min
Response: 2728600
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

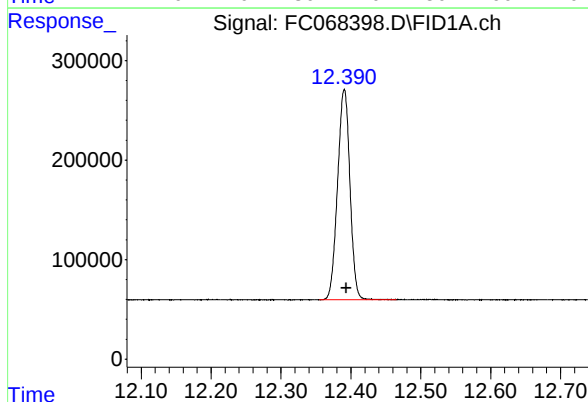
R.T.: 11.085 min
Delta R.T.: -0.002 min
Response: 2723989
Conc: 19.24 ug/ml



#9 ortho-Terphenyl (SURR)

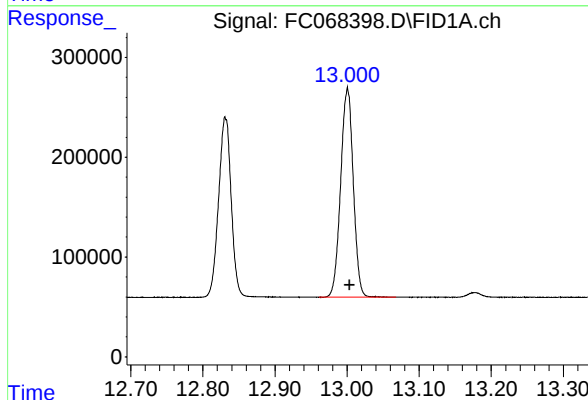
R.T.: 11.389 min
Delta R.T.: -0.002 min
Response: 3026779
Conc: 18.90 ug/ml

Instrument :
FID_C
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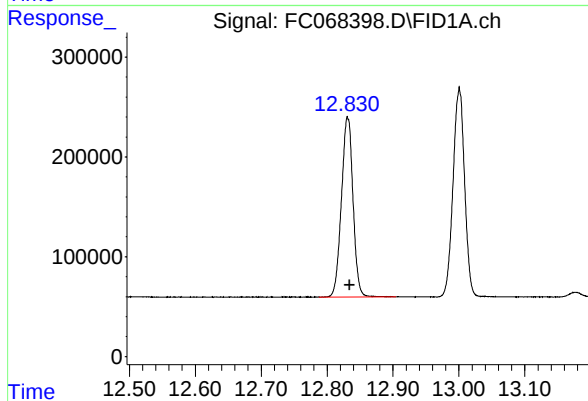
#10 n-Eicosane (C20)

R.T.: 12.391 min
Delta R.T.: -0.003 min
Response: 2600534
Conc: 19.14 ug/ml



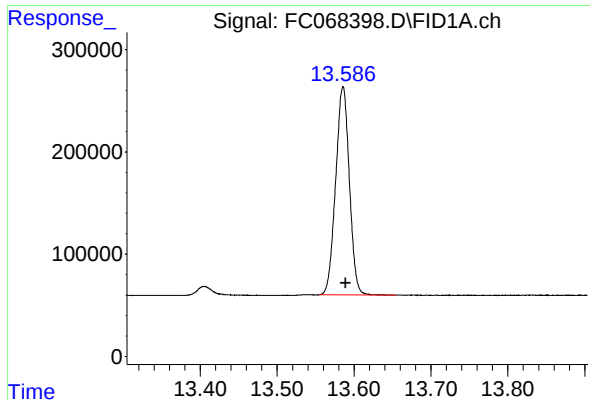
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: -0.004 min
Response: 2555711
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

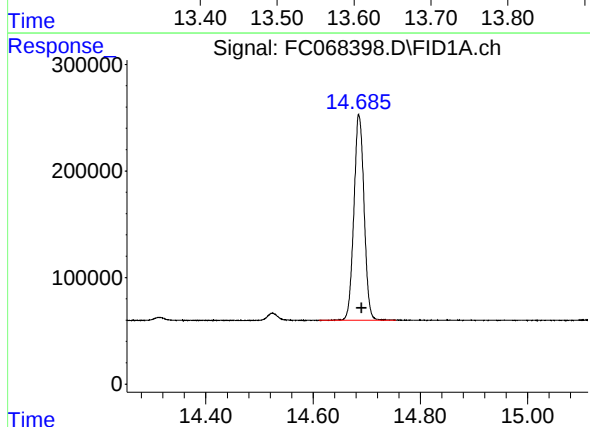
R.T.: 12.831 min
Delta R.T.: -0.003 min
Response: 2195524
Conc: 18.96 ug/ml



#13 n-Docosane (C22)

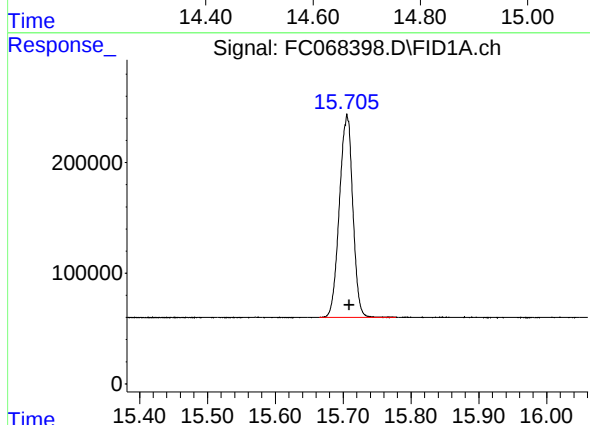
R.T.: 13.586 min
Delta R.T.: -0.003 min
Response: 2526031
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



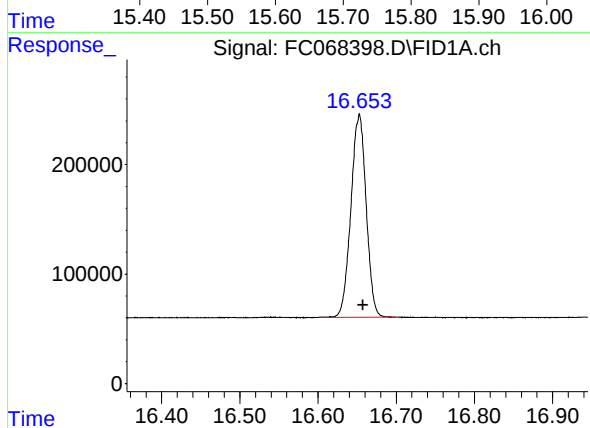
#14 n-Tetracosane (C24)

R.T.: 14.686 min
Delta R.T.: -0.005 min
Response: 2542966
Conc: 19.18 ug/ml



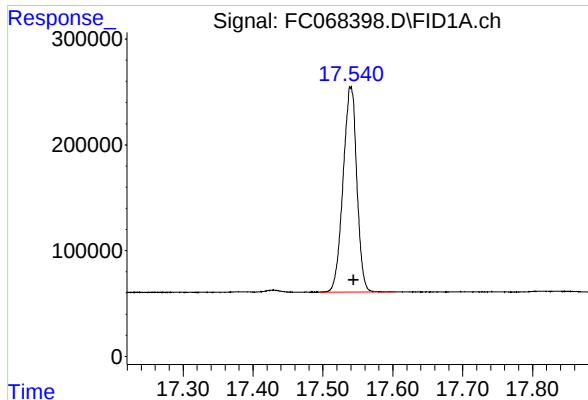
#15 n-Hexacosane (C26)

R.T.: 15.705 min
Delta R.T.: -0.004 min
Response: 2510559
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

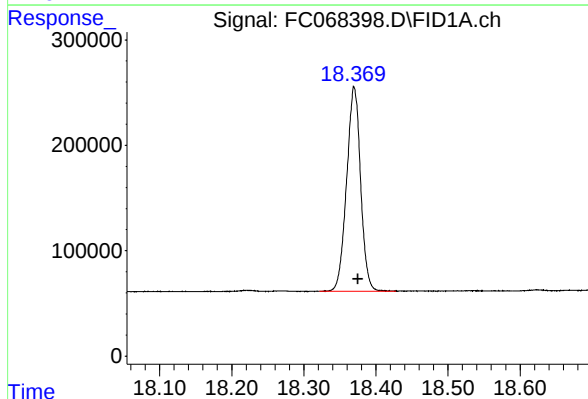
R.T.: 16.653 min
Delta R.T.: -0.005 min
Response: 2513005
Conc: 19.38 ug/ml



#17 n-Tricontane (C30)

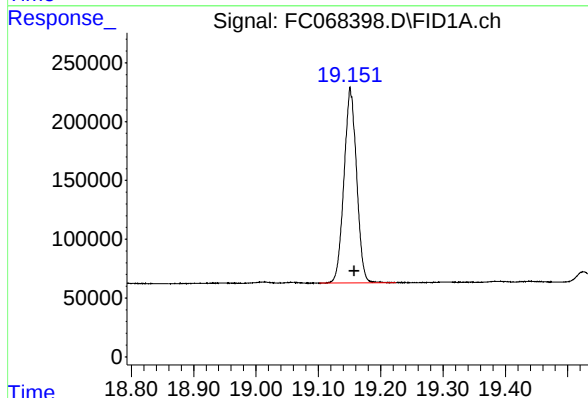
R.T.: 17.540 min
Delta R.T.: -0.004 min
Response: 2652282
Conc: 19.38 ug/ml

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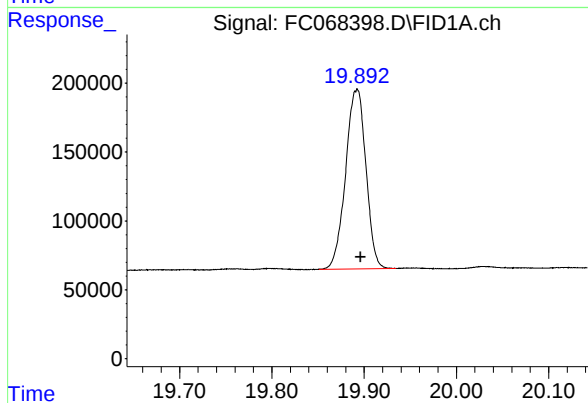
#18 n-Dotriacontane (C32)

R.T.: 18.370 min
Delta R.T.: -0.006 min
Response: 2622865
Conc: 19.46 ug/ml



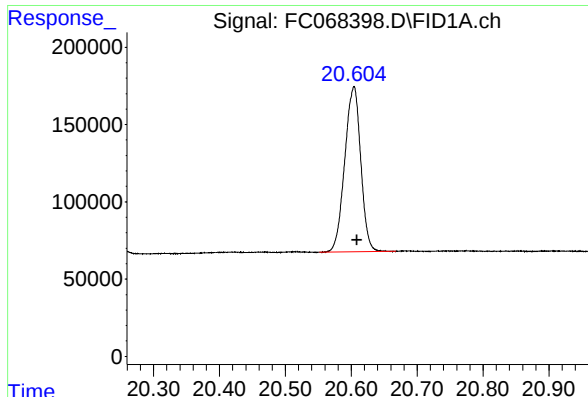
#19 n-Tetatriacontane (C34)

R.T.: 19.152 min
Delta R.T.: -0.006 min
Response: 2326123
Conc: 18.69 ug/ml



#20 n-Hexatriacontane (C36)

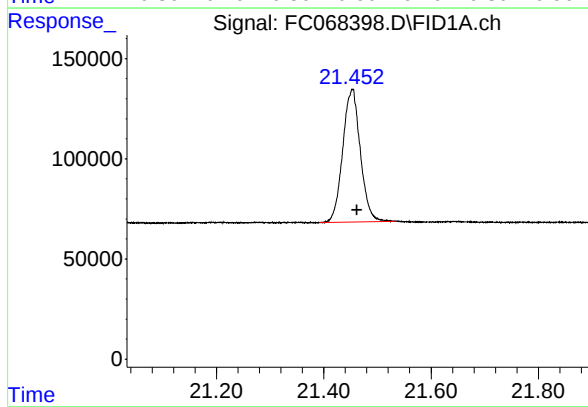
R.T.: 19.892 min
Delta R.T.: -0.005 min
Response: 1992824
Conc: 18.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.604 min
Delta R.T.: -0.005 min
Response: 1803528
Conc: 18.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.453 min
Delta R.T.: -0.009 min
Response: 1507838
Conc: 16.72 ug/ml