

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072022AL\
 Data File : FC060798.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2022 10:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPAHTIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 21 02:03:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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)	10.635	3036992	16.572 ug/ml
Spiked Amount 50.000		Recovery =	33.14%
12) S 1-chlorooctadecane (S...	12.001	2477308	16.807 ug/ml
Spiked Amount 50.000		Recovery =	33.61%
Target Compounds			
1) T n-Nonane (C9)	2.621	2850727	18.584 ug/ml
2) T n-Decane (C10)	3.619	2910002	19.055 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3044447	18.210 ug/ml
4) T n-Dodecane (C12)	5.568	2991943	18.513 ug/ml
5) T A~2-methylnaphthalene...	6.185	2967040	17.454 ug/ml
6) T n-Tetradecane (C14)	7.318	2995666	18.134 ug/ml
7) T n-Hexadecane (C16)	8.879	2981318	17.641 ug/ml
8) T n-Octadecane (C18)	10.287	2933546	17.051 ug/ml
10) T n-Eicosane (C20)	11.565	2854526	16.726 ug/ml
11) T n-Heneicosane (C21)	12.162	2802296	16.436 ug/ml
13) T n-Docosane (C22)	12.733	2743247	16.093 ug/ml
14) T n-Tetracosane (C24)	13.810	2635288	15.696 ug/ml
15) T n-Hexacosane (C26)	14.806	2524781	15.364 ug/ml
16) T n-Octacosane (C28)	15.732	2477249	15.612 ug/ml
17) T n-Tricontane (C30)	16.598	2498645	16.414 ug/ml
18) T n-Dotriacontane (C32)	17.412	2506402	17.242 ug/ml
19) T n-Tetratriacontane (C34)	18.175	2392430	18.836 ug/ml
20) T n-Hexatriacontane (C36)	18.895	2365136	21.074 ug/ml
21) T n-Octatriacontane (C38)	19.578	2279499	20.824 ug/ml
22) T n-Tetracontane (C40)	20.225	2219304	19.650 ug/ml

(f)=RT Delta > 1/2 Window

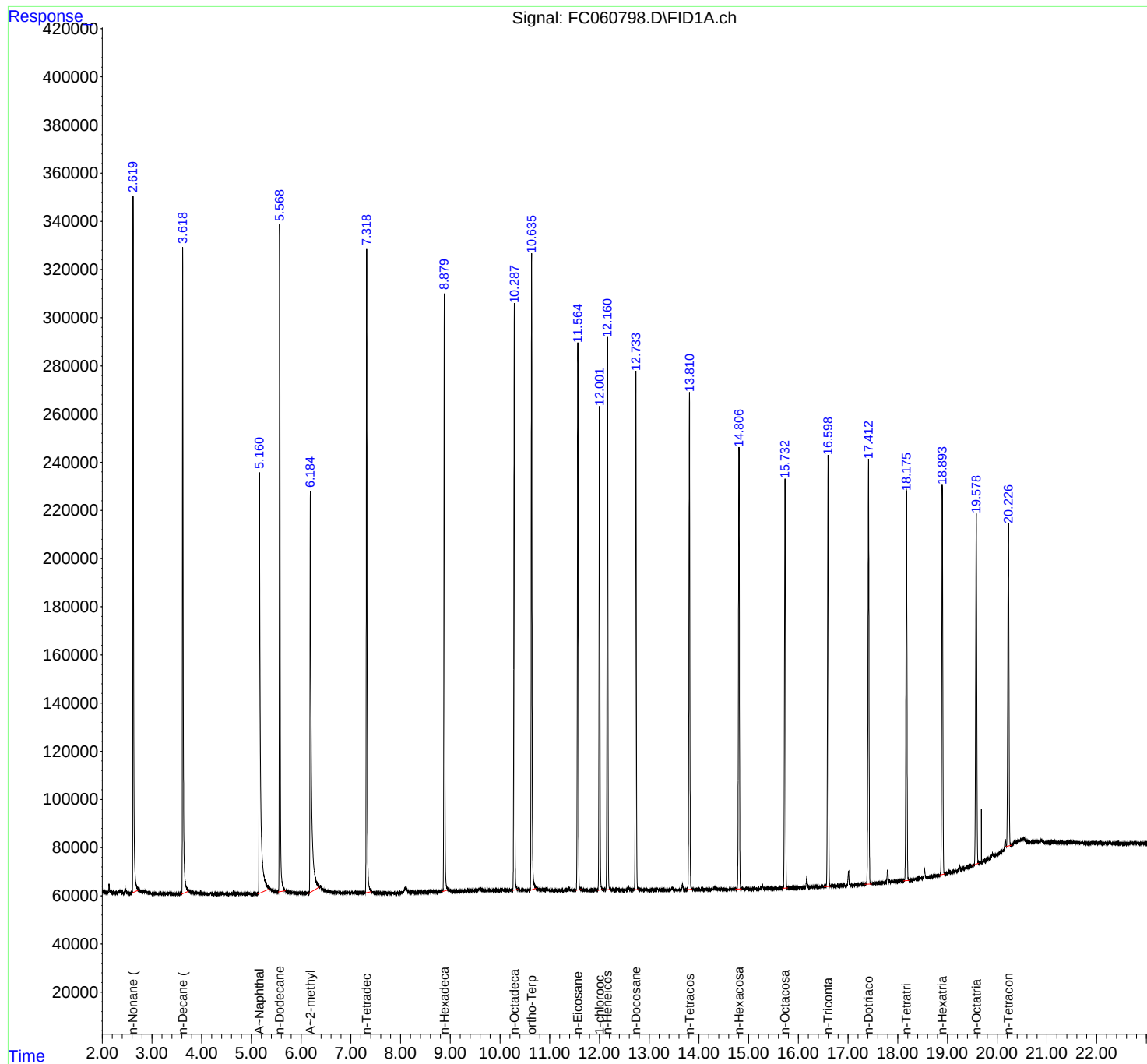
(m)=manual int.

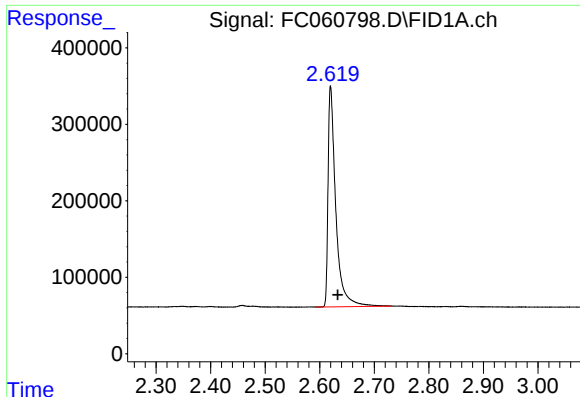
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072022AL\
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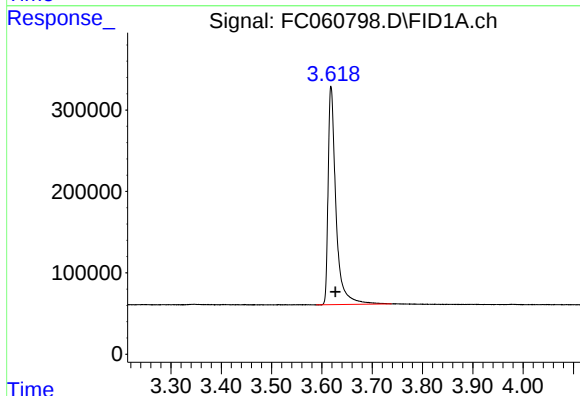




#1 n-Nonane (C9)

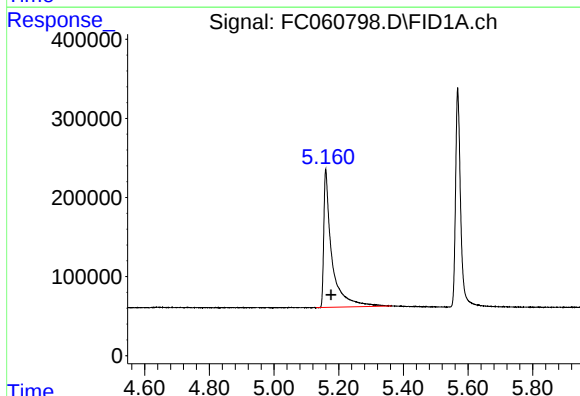
R.T.: 2.621 min
Delta R.T.: -0.012 min
Response: 2850727
Conc: 18.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPAHTIC HC STD



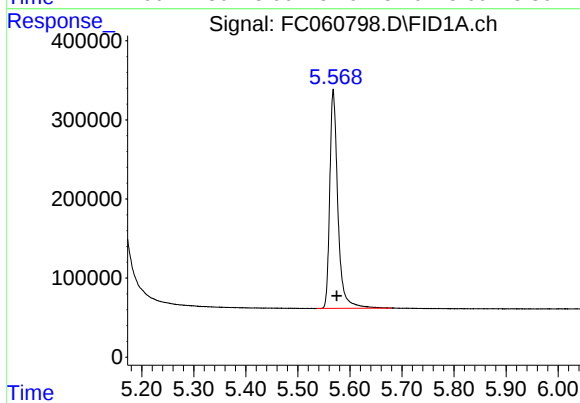
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 2910002
Conc: 19.05 ug/ml



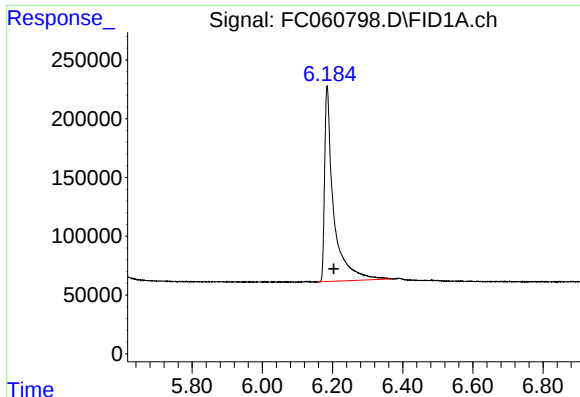
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.016 min
Response: 3044447
Conc: 18.21 ug/ml



#4 n-Dodecane (C12)

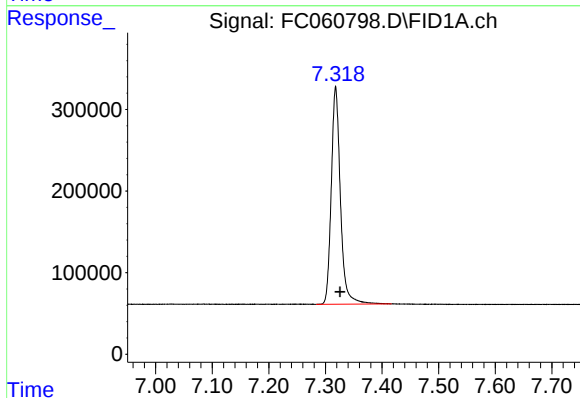
R.T.: 5.568 min
Delta R.T.: -0.006 min
Response: 2991943
Conc: 18.51 ug/ml



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

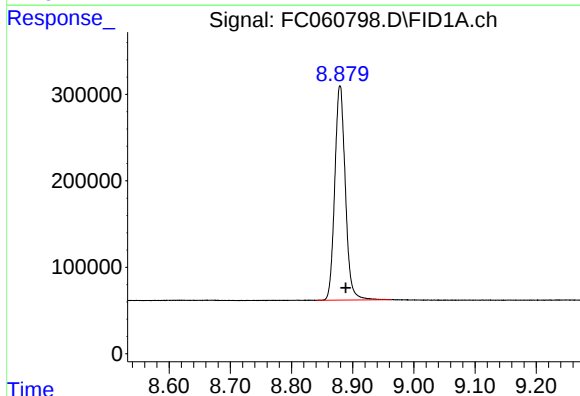
R.T.: 6.185 min
Delta R.T.: -0.019 min
Response: 2967040
Conc: 17.45 ug/ml

Instrument :
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20 PPM ALIPAHTIC HC STD



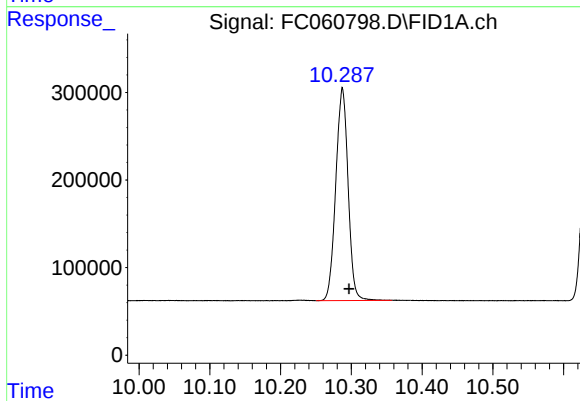
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.007 min
Response: 2995666
Conc: 18.13 ug/ml



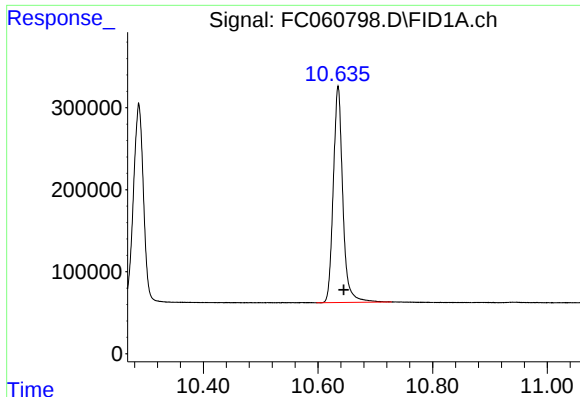
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.009 min
Response: 2981318
Conc: 17.64 ug/ml



#8 n-Octadecane (C18)

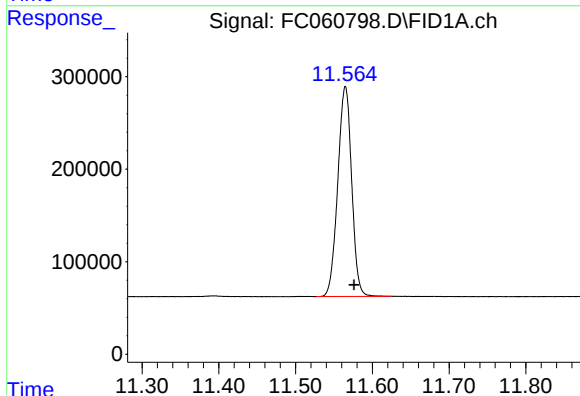
R.T.: 10.287 min
Delta R.T.: -0.009 min
Response: 2933546
Conc: 17.05 ug/ml



#9 ortho-Terphenyl (SURR)

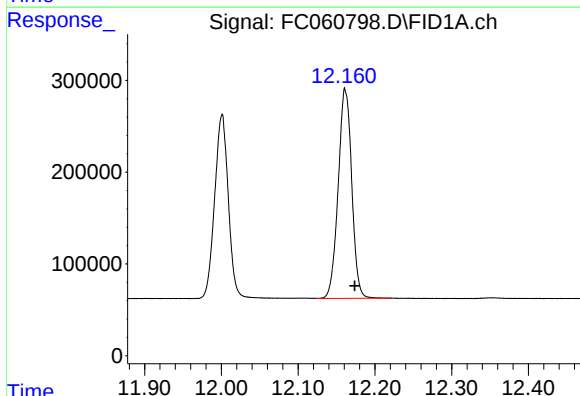
R.T.: 10.635 min
Delta R.T.: -0.010 min
Response: 3036992
Conc: 16.57 ug/ml

Instrument :
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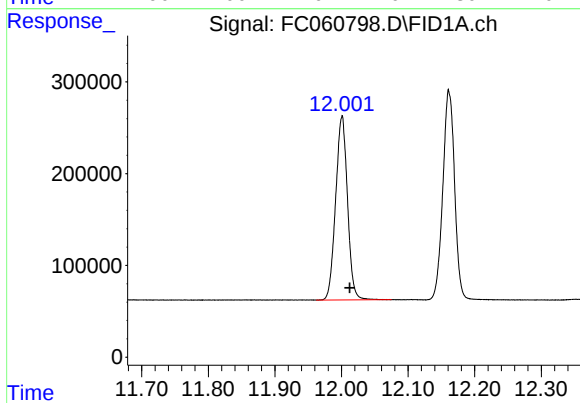
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: -0.011 min
Response: 2854526
Conc: 16.73 ug/ml



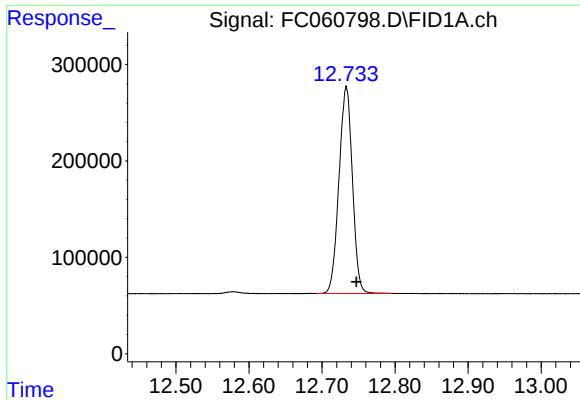
#11 n-Heneicosane (C21)

R.T.: 12.162 min
Delta R.T.: -0.012 min
Response: 2802296
Conc: 16.44 ug/ml



#12 1-chlorooctadecane (SURR)

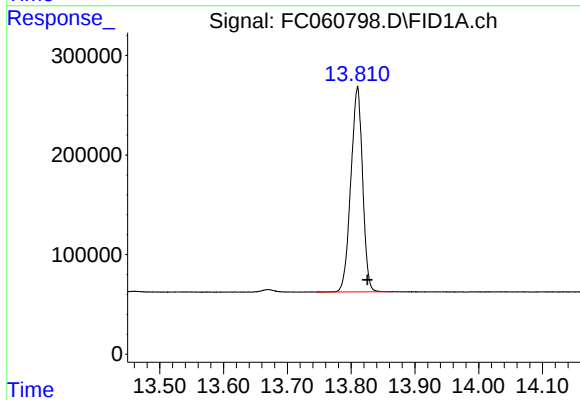
R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 2477308
Conc: 16.81 ug/ml



#13 n-Docosane (C22)

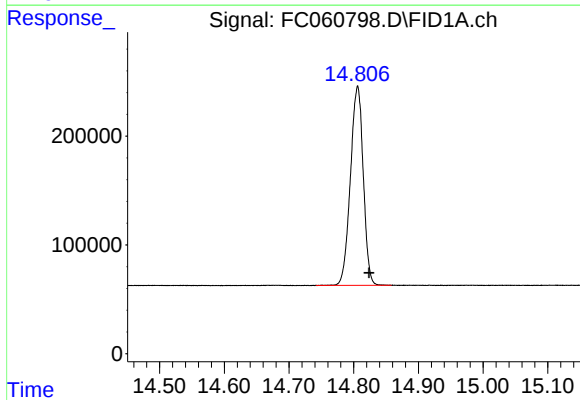
R.T.: 12.733 min
Delta R.T.: -0.014 min
Response: 2743247
Conc: 16.09 ug/ml

Instrument :
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20 PPM ALIPAHTIC HC STD



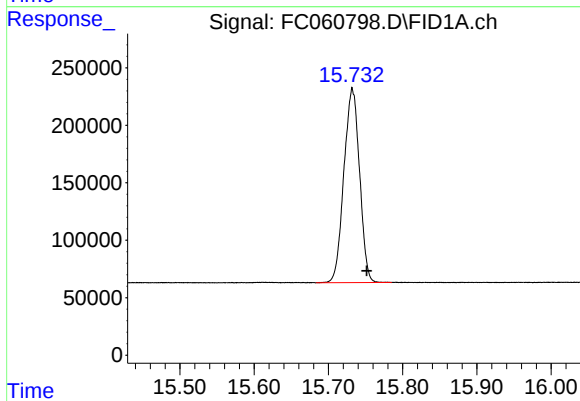
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.016 min
Response: 2635288
Conc: 15.70 ug/ml



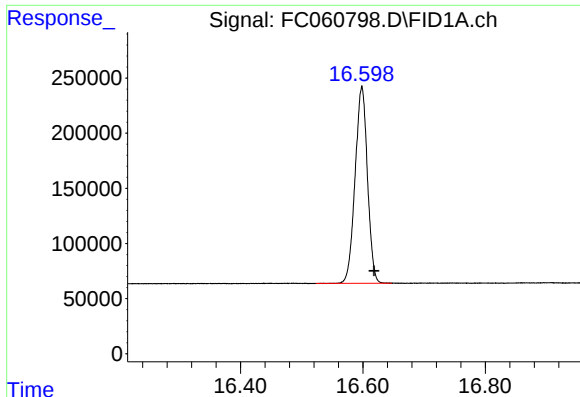
#15 n-Hexacosane (C26)

R.T.: 14.806 min
Delta R.T.: -0.018 min
Response: 2524781
Conc: 15.36 ug/ml



#16 n-Octacosane (C28)

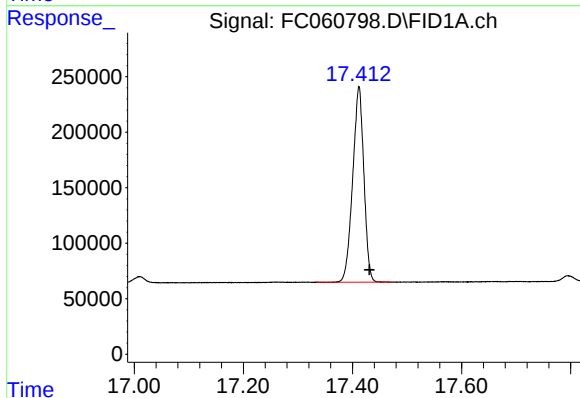
R.T.: 15.732 min
Delta R.T.: -0.019 min
Response: 2477249
Conc: 15.61 ug/ml



#17 n-Tricontane (C30)

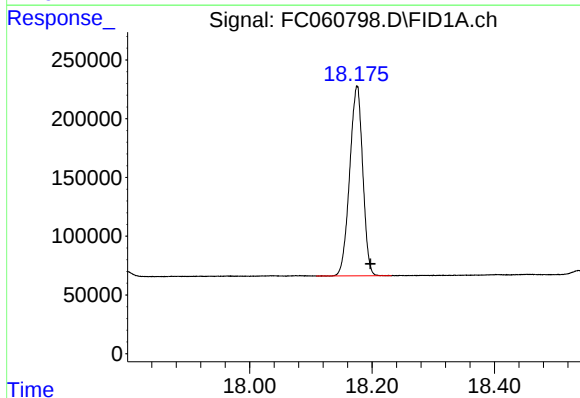
R.T.: 16.598 min
Delta R.T.: -0.020 min
Response: 2498645
Conc: 16.41 ug/ml

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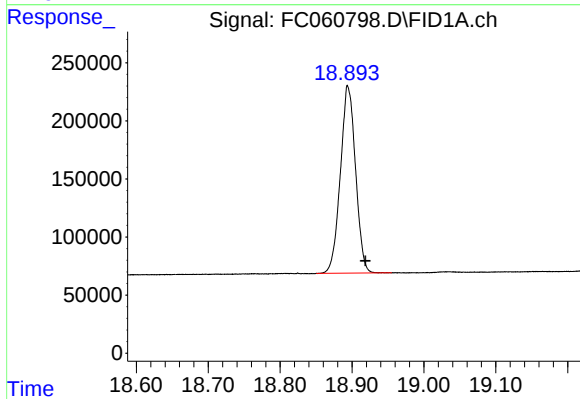
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: -0.020 min
Response: 2506402
Conc: 17.24 ug/ml



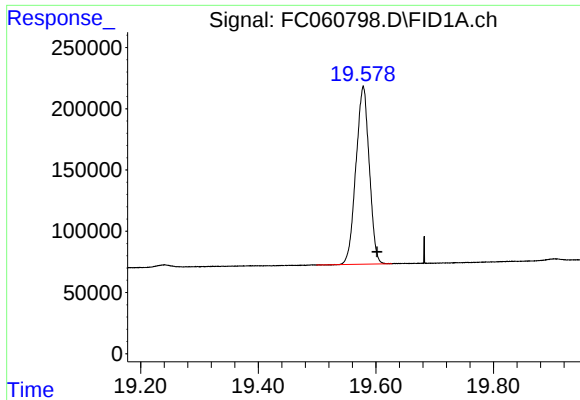
#19 n-Tetratriacontane (C34)

R.T.: 18.175 min
Delta R.T.: -0.022 min
Response: 2392430
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

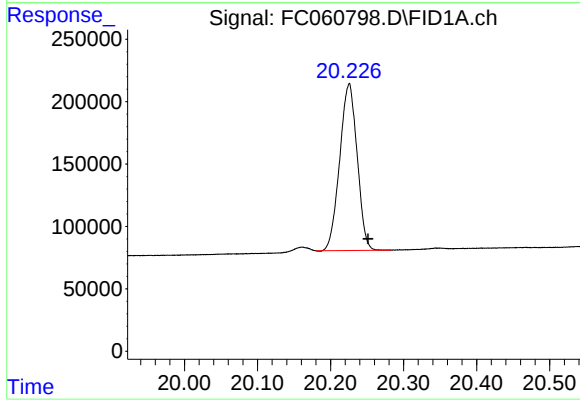
R.T.: 18.895 min
Delta R.T.: -0.024 min
Response: 2365136
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: -0.024 min
Response: 2279499
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.225 min
Delta R.T.: -0.026 min
Response: 2219304
Conc: 19.65 ug/ml