

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121223AL\
 Data File : FC065399.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 22:38
 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: Dec 13 01:58:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.502	4076584	17.571 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
12) S 1-chlorooctadecane (S...	12.932	2990487	18.060 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T n-Nonane (C9)	3.300	3338154	16.671 ug/ml
2) T n-Decane (C10)	4.360	3512844	17.477 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3525304	17.364 ug/ml
4) T n-Dodecane (C12)	6.370	3612862	17.766 ug/ml
5) T A~2-methylnaphthalene...	6.995	3512043	18.070 ug/ml
6) T n-Tetradecane (C14)	8.158	3561494	17.921 ug/ml
7) T n-Hexadecane (C16)	9.752	3538130	17.861 ug/ml
8) T n-Octadecane (C18)	11.189	3560263	17.975 ug/ml
10) T n-Eicosane (C20)	12.491	3390142	17.915 ug/ml
11) T n-Heneicosane (C21)	13.098	3285046	17.779 ug/ml
13) T n-Docosane (C22)	13.681	3283102	18.198 ug/ml
14) T n-Tetracosane (C24)	14.780	3275296	18.892 ug/ml
15) T n-Hexacosane (C26)	15.797	3237072	19.440 ug/ml
16) T n-Octacosane (C28)	16.743	3274627	20.474 ug/ml
17) T n-Tricontane (C30)	17.626	3429696	21.539 ug/ml
18) T n-Dotriacontane (C32)	18.453	3386636	21.543 ug/ml
19) T n-Tetratriacontane (C34)	19.234	3078194	19.947 ug/ml
20) T n-Hexatriacontane (C36)	19.971	2923043	19.069 ug/ml
21) T n-Octatriacontane (C38)	20.687	2805935	18.453 ug/ml
22) T n-Tetracontane (C40)	21.563	2835476	18.915 ug/ml

(f)=RT Delta > 1/2 Window

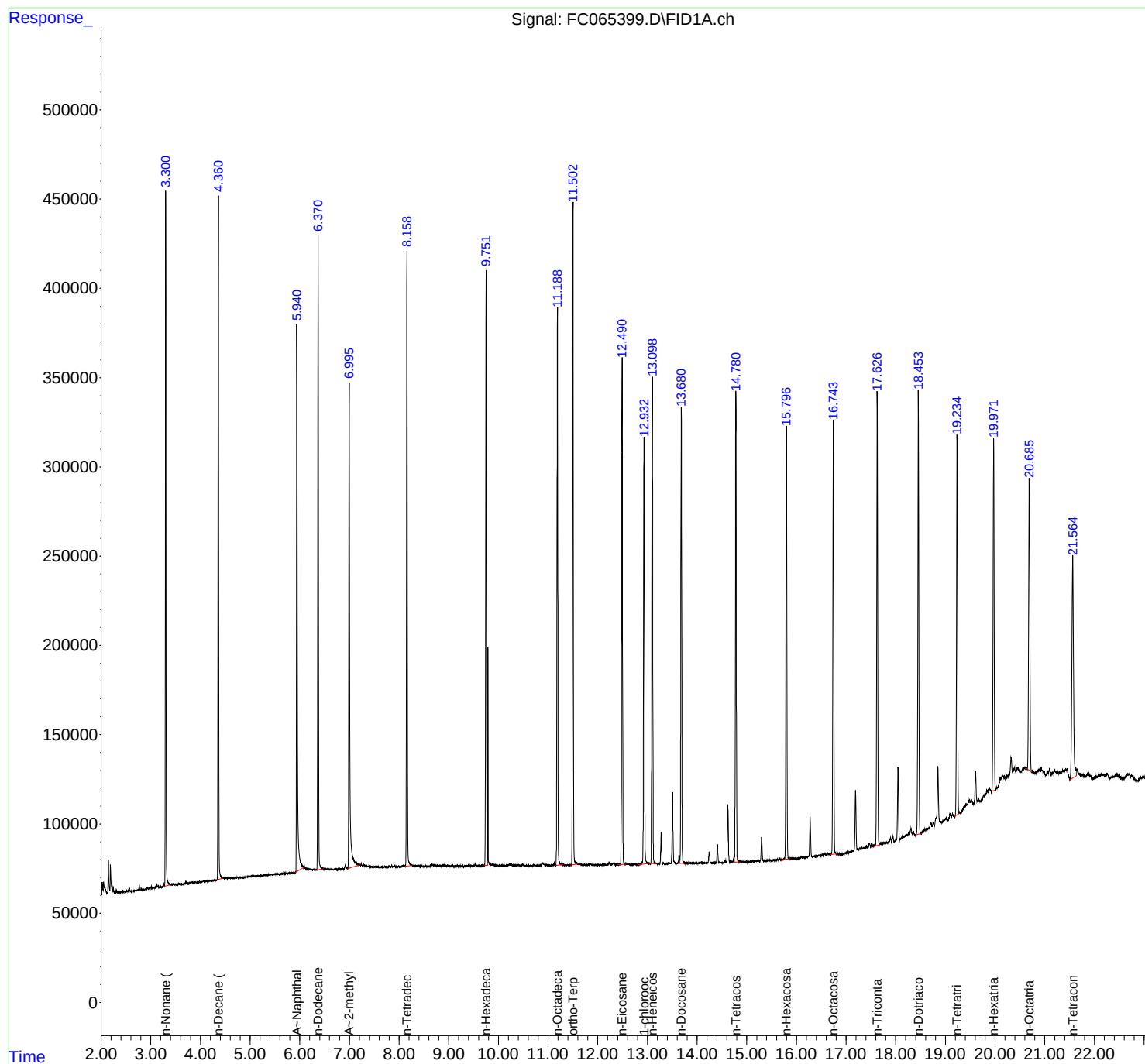
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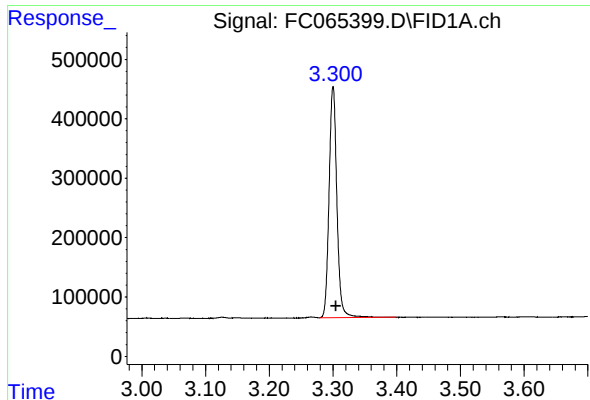
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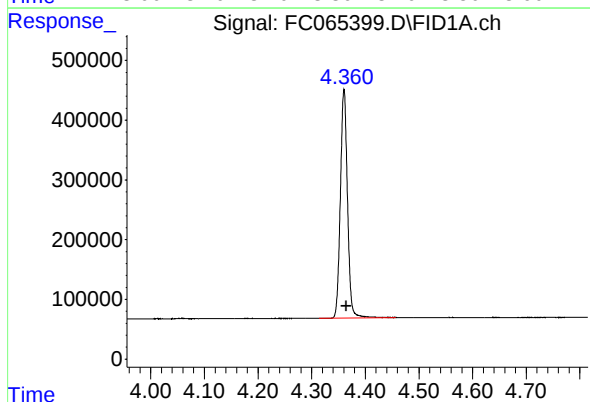




#1 n-Nonane (C9)

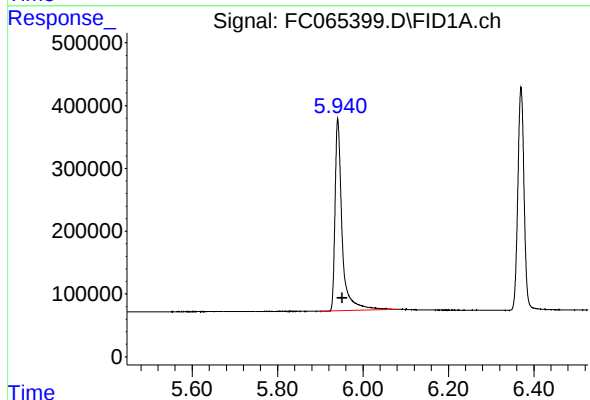
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 3338154
Conc: 16.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



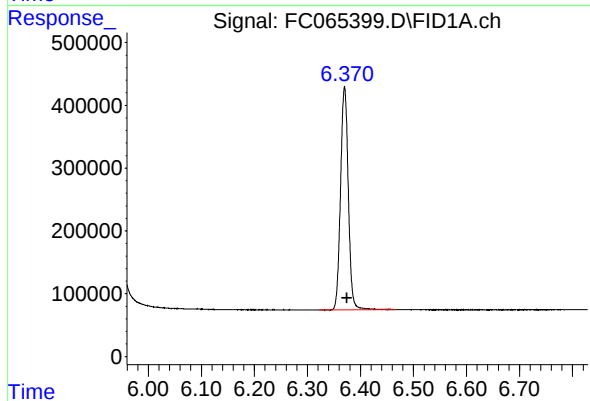
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 3512844
Conc: 17.48 ug/ml



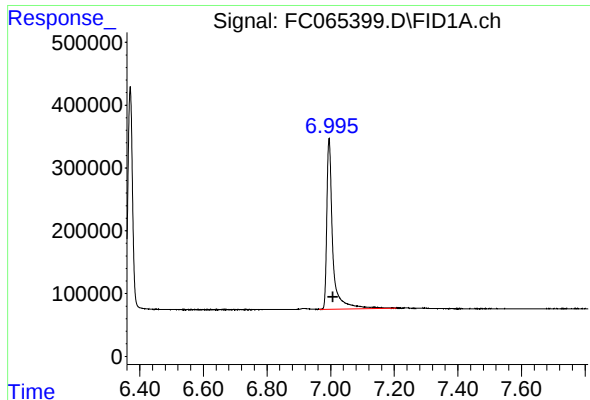
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 3525304
Conc: 17.36 ug/ml



#4 n-Dodecane (C12)

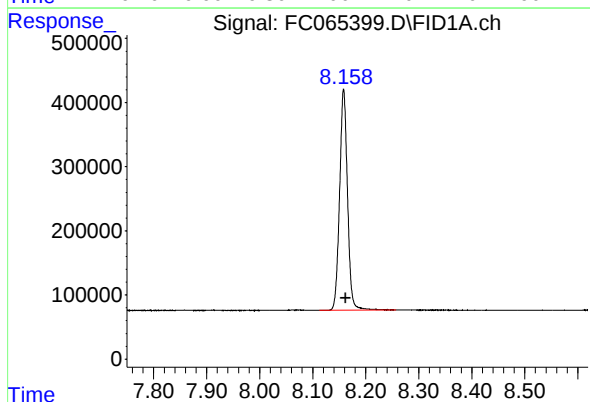
R.T.: 6.370 min
Delta R.T.: -0.004 min
Response: 3612862
Conc: 17.77 ug/ml



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

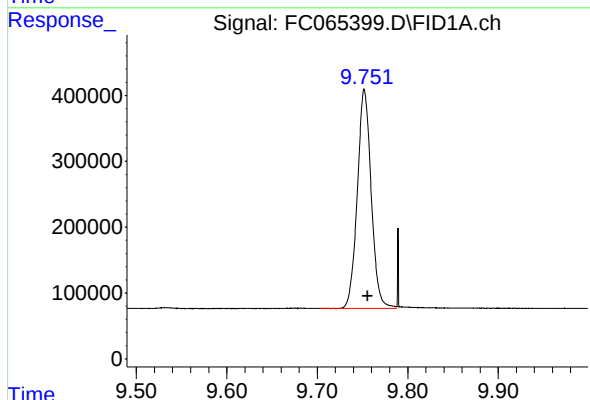
R.T.: 6.995 min
Delta R.T.: -0.012 min
Response: 3512043
Conc: 18.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



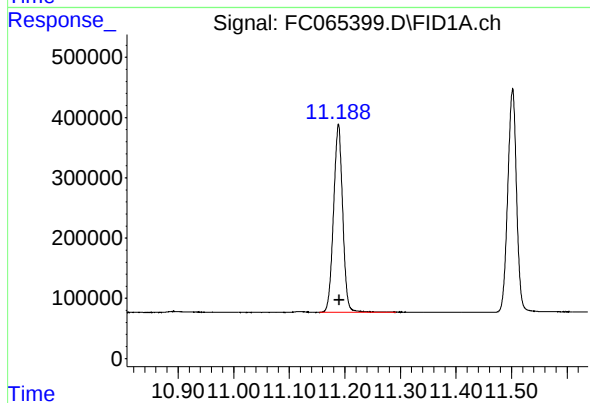
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 3561494
Conc: 17.92 ug/ml



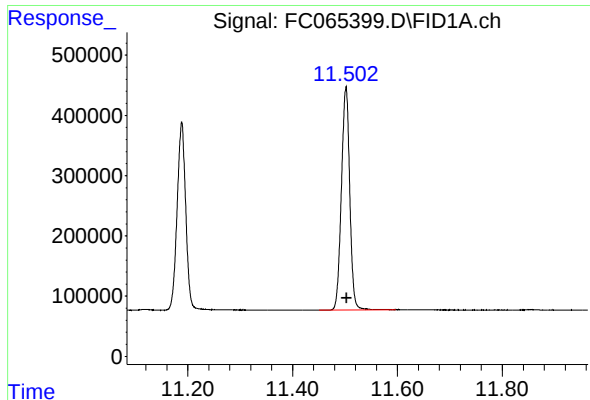
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 3538130
Conc: 17.86 ug/ml



#8 n-Octadecane (C18)

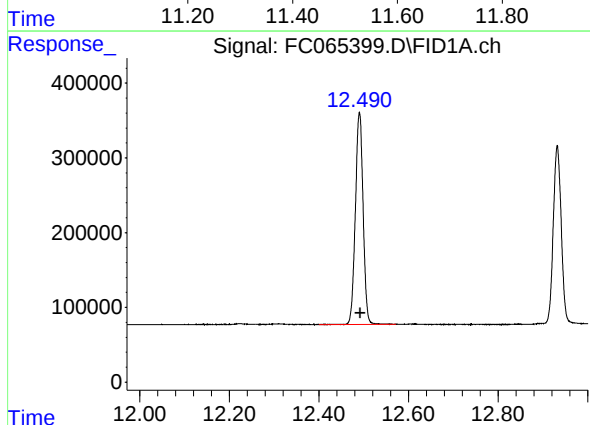
R.T.: 11.189 min
Delta R.T.: -0.001 min
Response: 3560263
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

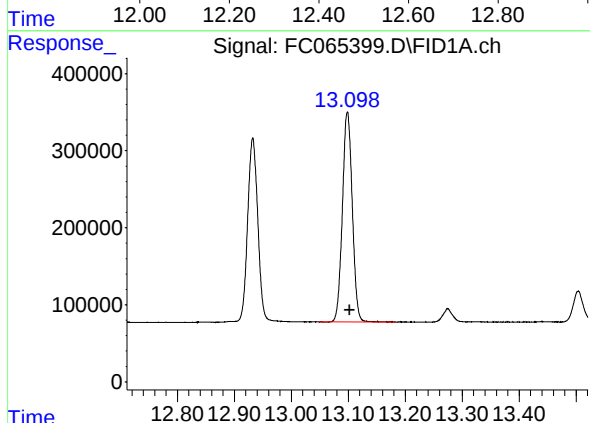
R.T.: 11.502 min
Delta R.T.: -0.001 min
Response: 4076584
Conc: 17.57 ug/ml

Instrument :
FID_C
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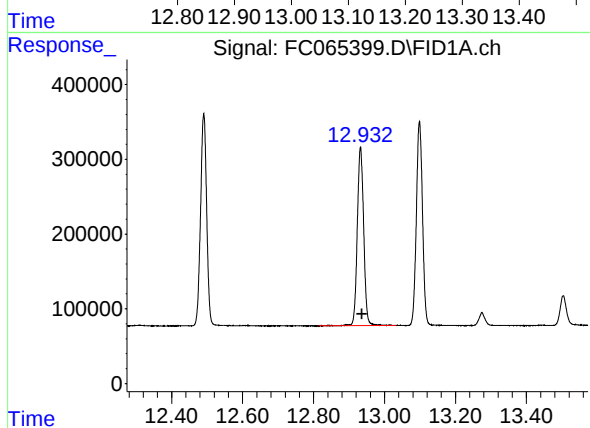
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 3390142
Conc: 17.91 ug/ml



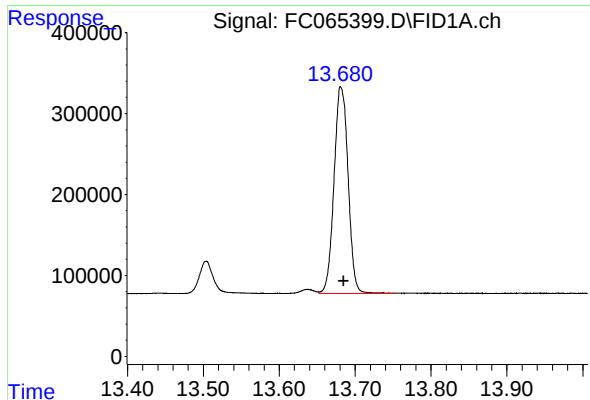
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.004 min
Response: 3285046
Conc: 17.78 ug/ml



#12 1-chlorooctadecane (SURR)

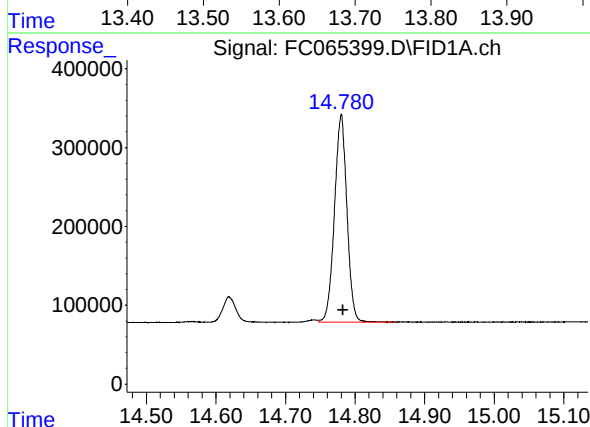
R.T.: 12.932 min
Delta R.T.: -0.004 min
Response: 2990487
Conc: 18.06 ug/ml



#13 n-Docosane (C22)

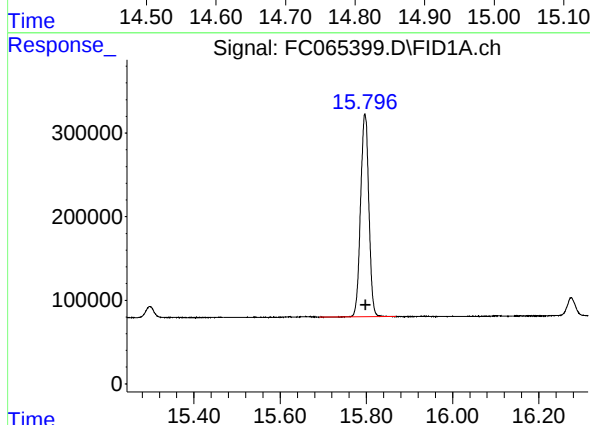
R.T.: 13.681 min
Delta R.T.: -0.004 min
Response: 3283102
Conc: 18.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



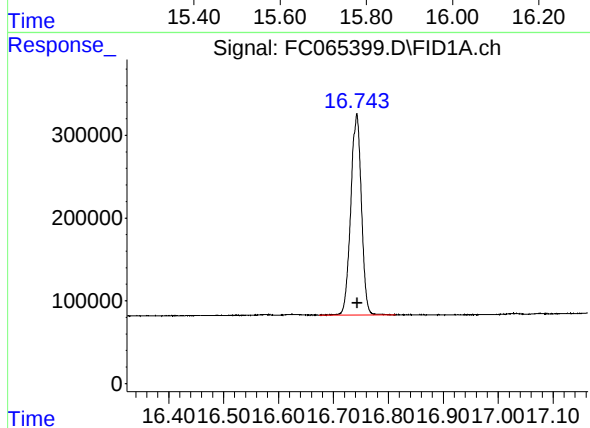
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: -0.003 min
Response: 3275296
Conc: 18.89 ug/ml



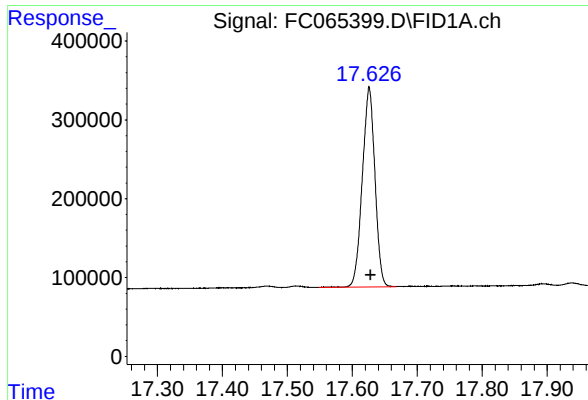
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.002 min
Response: 3237072
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

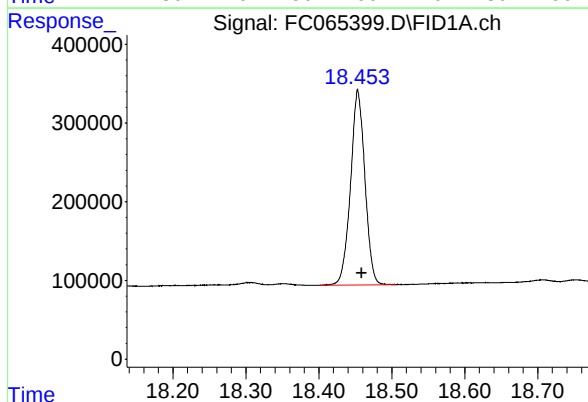
R.T.: 16.743 min
Delta R.T.: 0.000 min
Response: 3274627
Conc: 20.47 ug/ml



#17 n-Tricontane (C30)

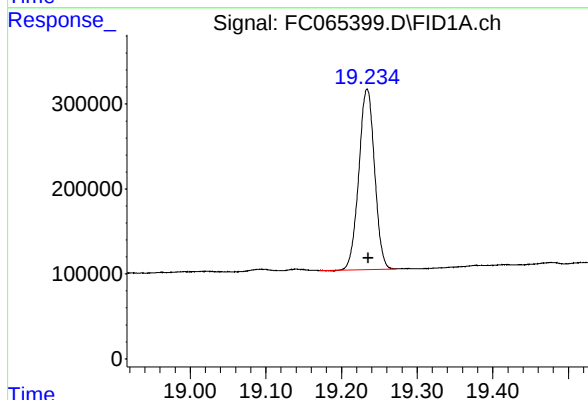
R.T.: 17.626 min
Delta R.T.: -0.002 min
Response: 3429696
Conc: 21.54 ug/ml

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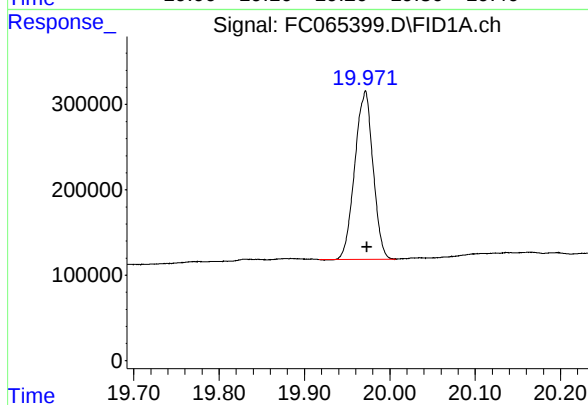
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.005 min
Response: 3386636
Conc: 21.54 ug/ml



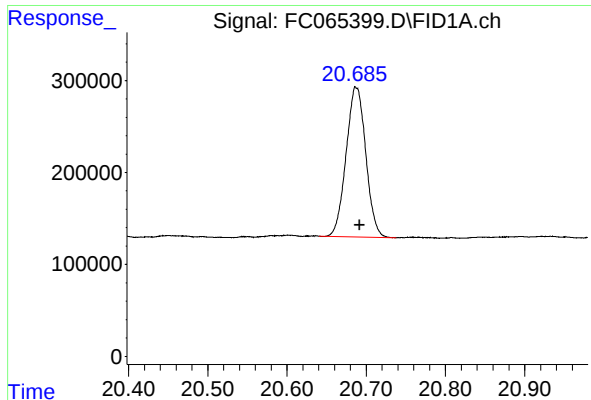
#19 n-Tetatriacontane (C34)

R.T.: 19.234 min
Delta R.T.: -0.002 min
Response: 3078194
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

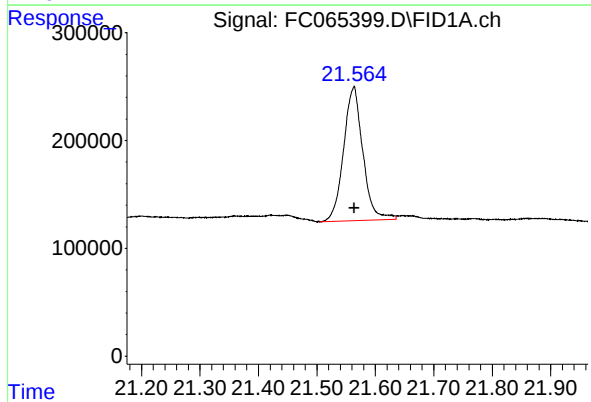
R.T.: 19.971 min
Delta R.T.: -0.002 min
Response: 2923043
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.687 min
Delta R.T.: -0.005 min
Response: 2805935
Conc: 18.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.563 min
Delta R.T.: 0.000 min
Response: 2835476
Conc: 18.91 ug/ml