

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112923AL\
 Data File : FC065321.D
 Signal(s) : FID1A.ch
 Acq On : 29 Nov 2023 20:35
 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: Nov 29 23:48:07 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)	11.504	4591147	19.789 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
12) S 1-chlorooctadecane (S...	12.935	3291632	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.303	3919278	19.573 ug/ml
2) T n-Decane (C10)	4.362	3977127	19.787 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3947466	19.443 ug/ml
4) T n-Dodecane (C12)	6.373	4010145	19.720 ug/ml
5) T A~2-methylnaphthalene...	6.998	3861190	19.866 ug/ml
6) T n-Tetradecane (C14)	8.161	3911944	19.684 ug/ml
7) T n-Hexadecane (C16)	9.755	3910582	19.741 ug/ml
8) T n-Octadecane (C18)	11.190	3906256	19.722 ug/ml
10) T n-Eicosane (C20)	12.492	3753622	19.836 ug/ml
11) T n-Heneicosane (C21)	13.103	3669879	19.862 ug/ml
13) T n-Docosane (C22)	13.686	3610048	20.010 ug/ml
14) T n-Tetracosane (C24)	14.782	3522327	20.316 ug/ml
15) T n-Hexacosane (C26)	15.799	3406260	20.456 ug/ml
16) T n-Octacosane (C28)	16.743	3288845	20.563 ug/ml
17) T n-Tricontane (C30)	17.627	3475912	21.830 ug/ml
18) T n-Dotriacontane (C32)	18.456	3473212	22.094 ug/ml
19) T n-Tetratriacontane (C34)	19.238	3293841	21.344 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3151035	20.556 ug/ml
21) T n-Octatriacontane (C38)	20.692	3042013	20.005 ug/ml
22) T n-Tetracontane (C40)	21.569	2952233	19.694 ug/ml

(f)=RT Delta > 1/2 Window

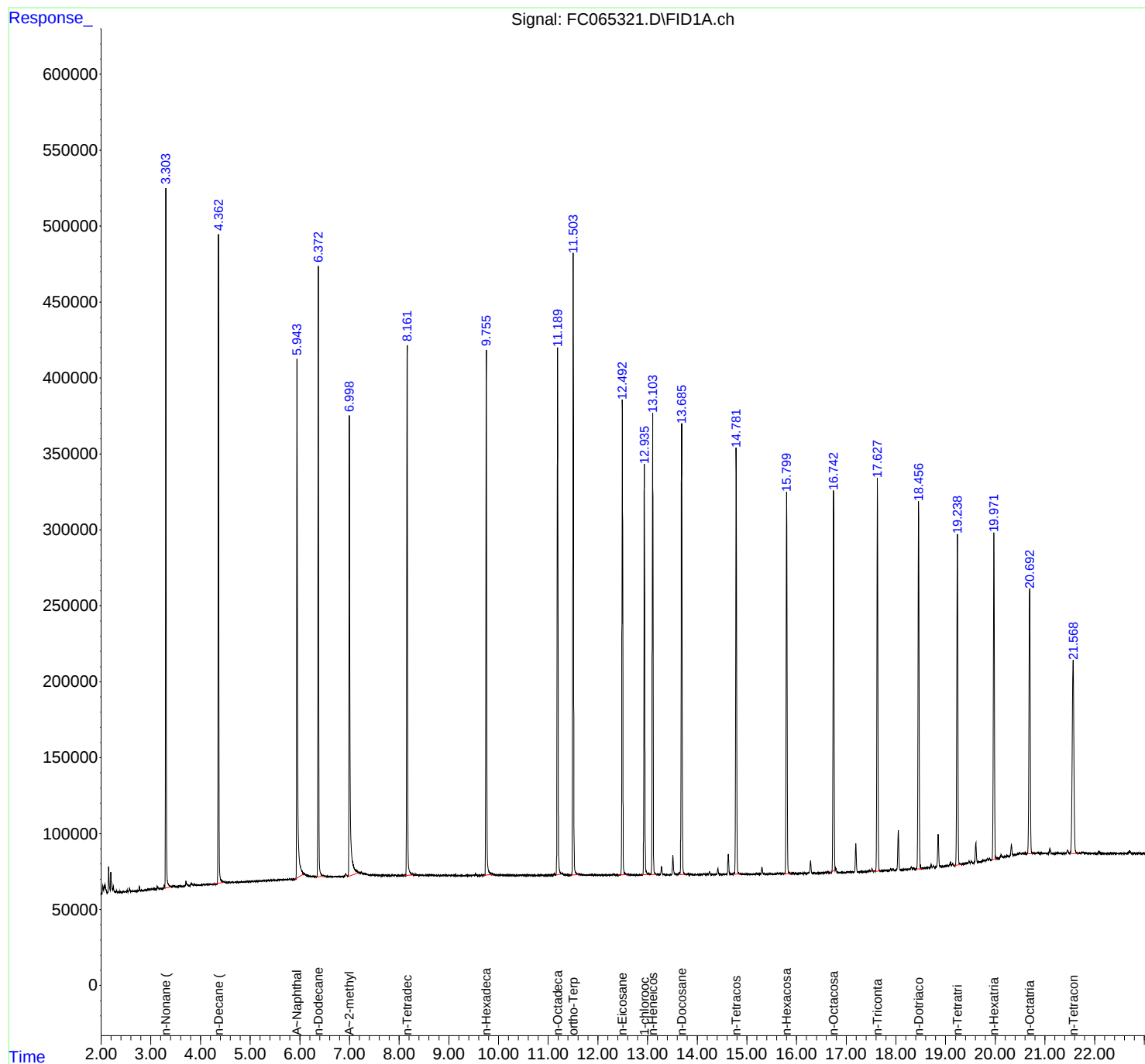
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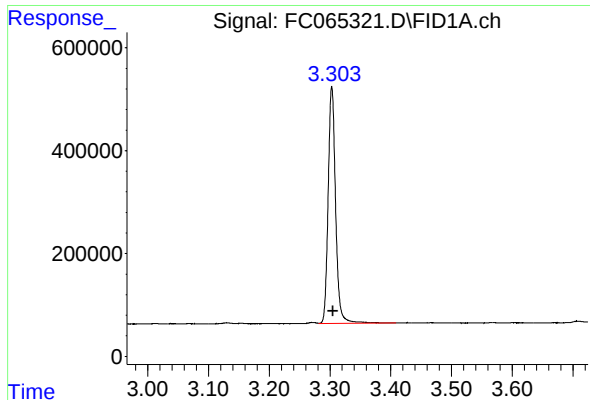
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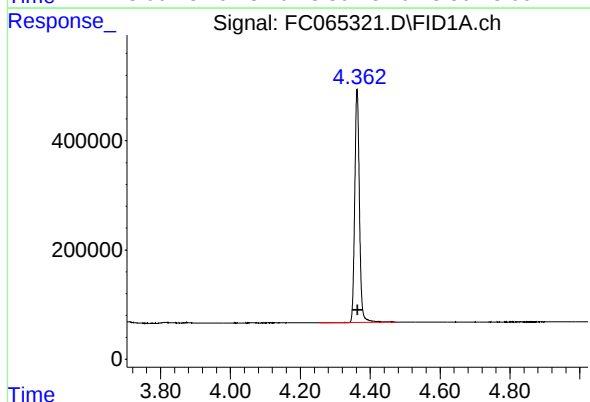




#1 n-Nonane (C9)

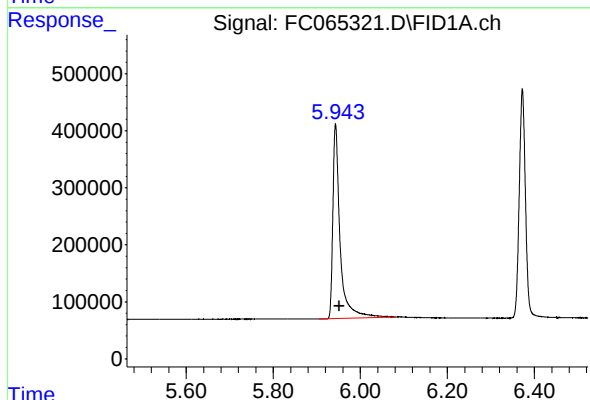
R.T.: 3.303 min
Delta R.T.: -0.002 min
Response: 3919278
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



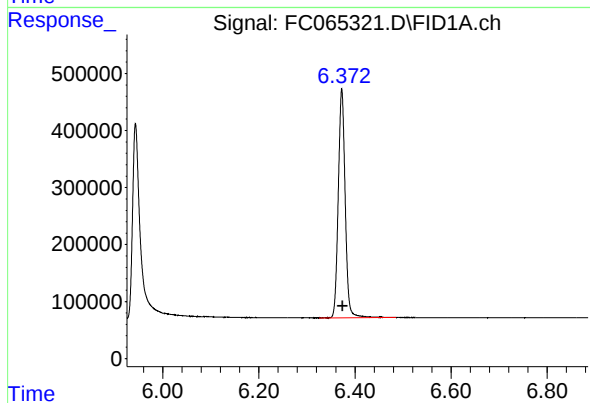
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 3977127
Conc: 19.79 ug/ml



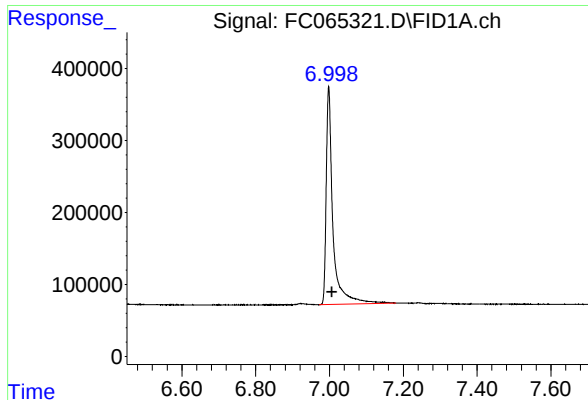
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3947466
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

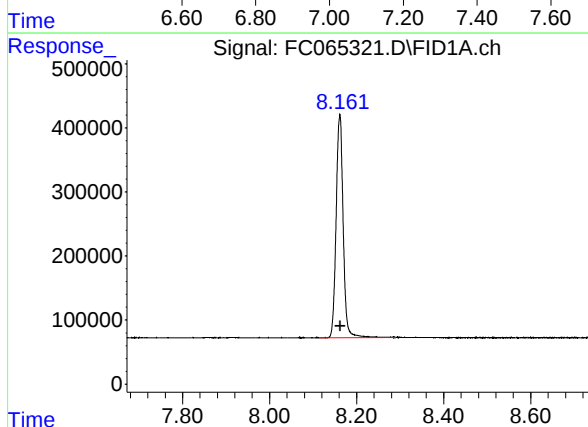
R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 4010145
Conc: 19.72 ug/ml



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

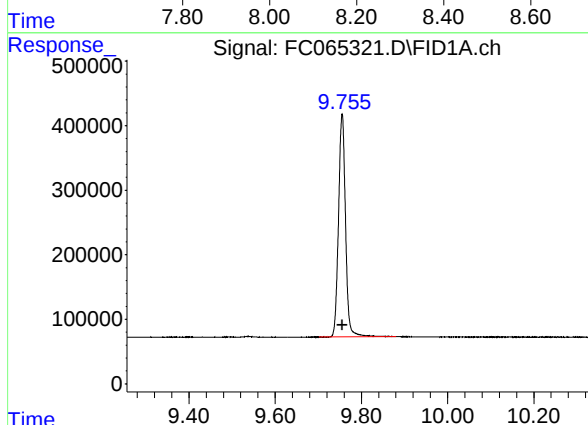
R.T.: 6.998 min
Delta R.T.: -0.009 min
Response: 3861190
Conc: 19.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



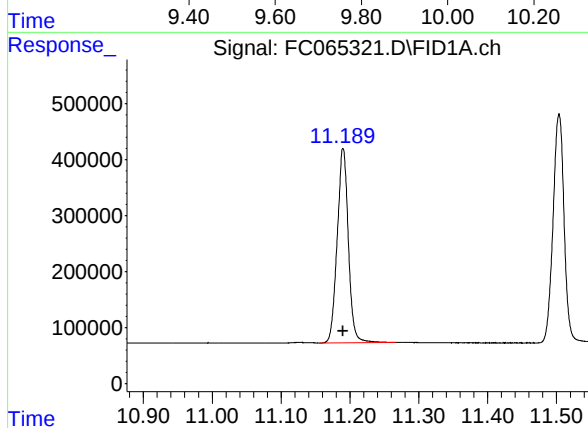
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 3911944
Conc: 19.68 ug/ml



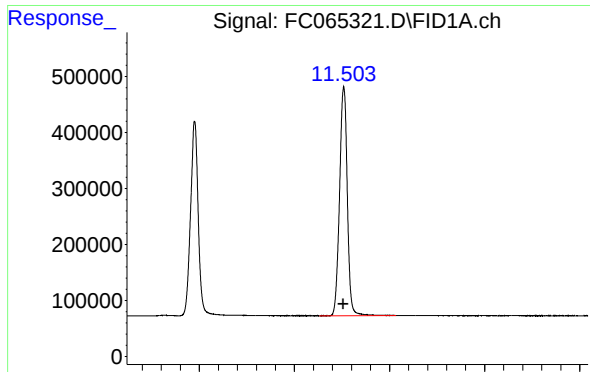
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 3910582
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

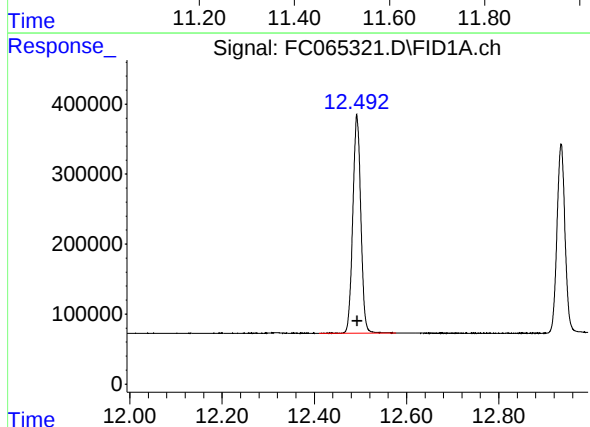
R.T.: 11.190 min
Delta R.T.: 0.000 min
Response: 3906256
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

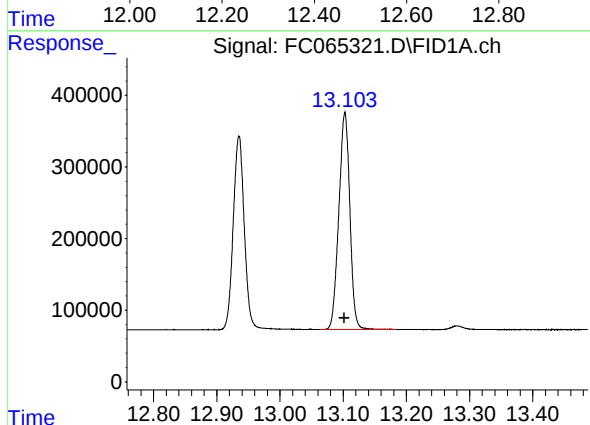
R.T.: 11.504 min
Delta R.T.: 0.000 min
Response: 4591147
Conc: 19.79 ug/ml

Instrument :
FID_C
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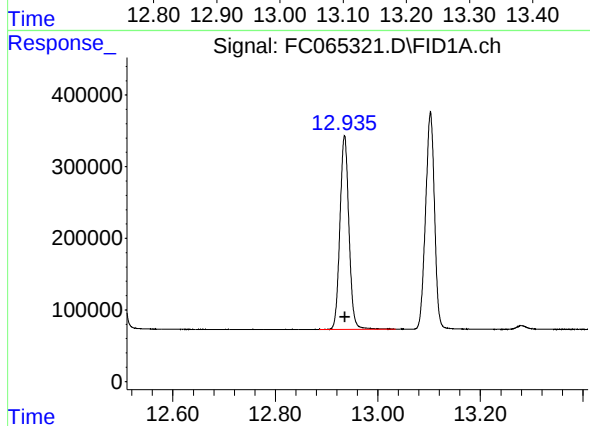
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 3753622
Conc: 19.84 ug/ml



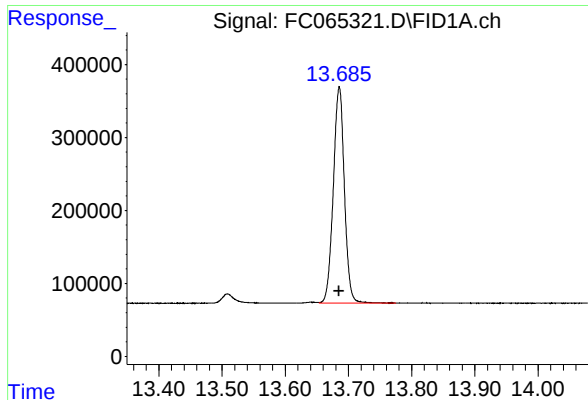
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 3669879
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

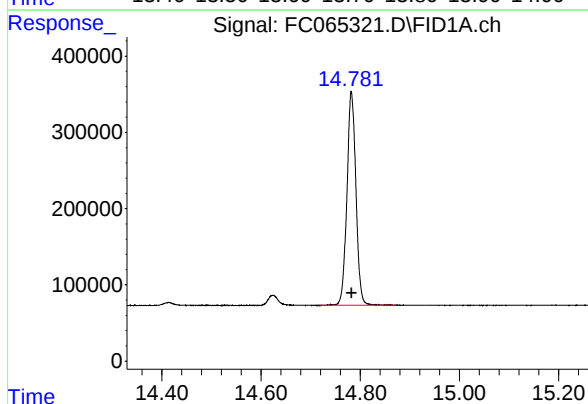
R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3291632
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

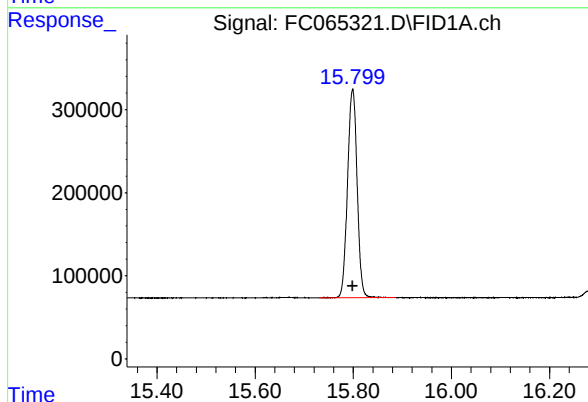
R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 3610048
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



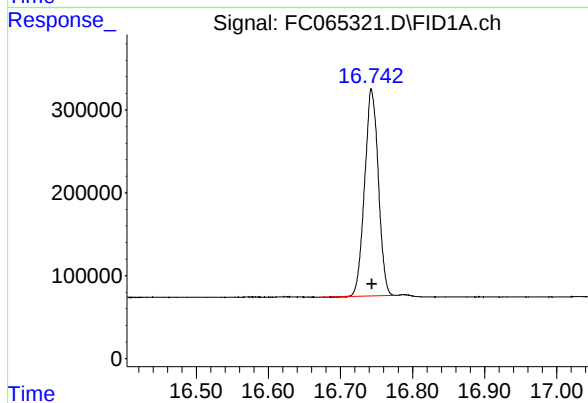
#14 n-Tetracosane (C24)

R.T.: 14.782 min
Delta R.T.: 0.000 min
Response: 3522327
Conc: 20.32 ug/ml



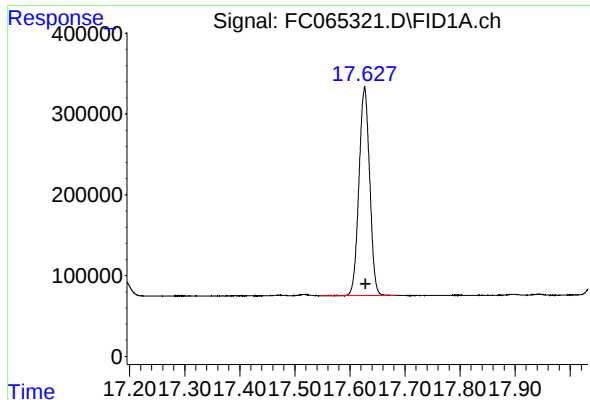
#15 n-Hexacosane (C26)

R.T.: 15.799 min
Delta R.T.: 0.000 min
Response: 3406260
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

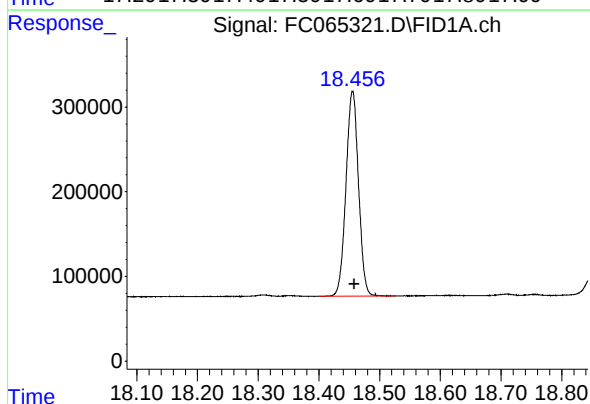
R.T.: 16.743 min
Delta R.T.: 0.000 min
Response: 3288845
Conc: 20.56 ug/ml



#17 n-Tricontane (C30)

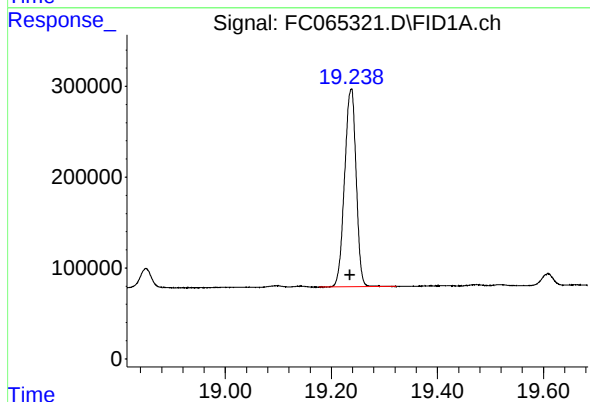
R.T.: 17.627 min
Delta R.T.: -0.001 min
Response: 3475912
Conc: 21.83 ug/ml

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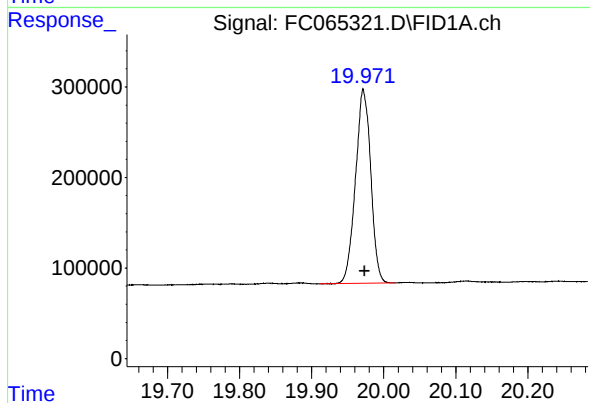
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.003 min
Response: 3473212
Conc: 22.09 ug/ml



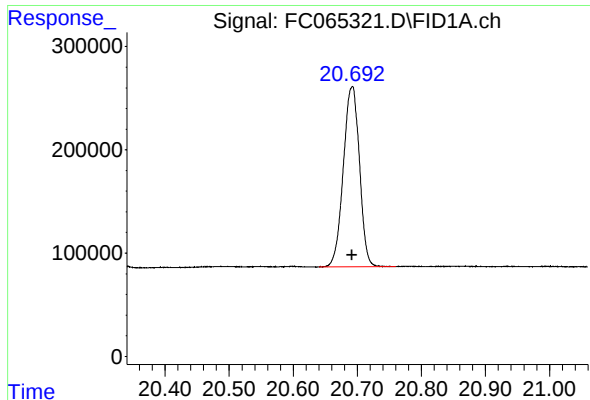
#19 n-Tetatriacontane (C34)

R.T.: 19.238 min
Delta R.T.: 0.002 min
Response: 3293841
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

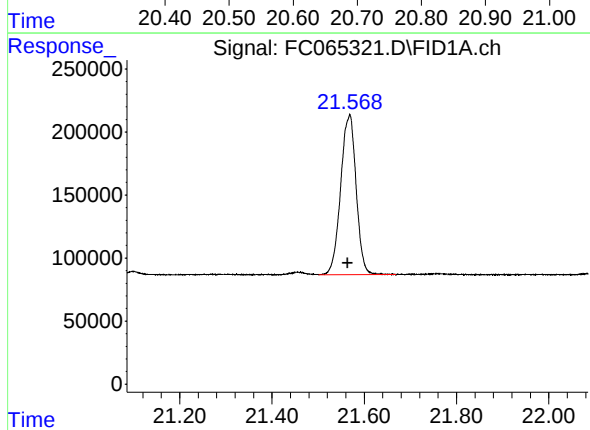
R.T.: 19.972 min
Delta R.T.: -0.002 min
Response: 3151035
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.692 min
Delta R.T.: 0.000 min
Response: 3042013
Conc: 20.01 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: 0.005 min
Response: 2952233
Conc: 19.69 ug/ml