

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061924AL\
 Data File : FC066642.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jun 2024 11:24
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2024
 Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e
 Quant Time: Jun 20 03:10:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 2024
 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)	11.537	3616338	20.966 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
12) S 1-chlorooctadecane (S...	12.976	2860947	20.734 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	3.296	3039294	20.918 ug/ml
2) T n-Decane (C10)	4.363	3172106	21.266 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3473176	21.391 ug/ml
4) T n-Dodecane (C12)	6.383	3223745	21.271 ug/ml
5) T A~2-methylnaphthalene...	7.005	3394279	21.366 ug/ml
6) T n-Tetradecane (C14)	8.179	3253736	21.450 ug/ml
7) T n-Hexadecane (C16)	9.780	3446608	21.516 ug/ml
8) T n-Octadecane (C18)	11.222	3547443	21.380 ug/ml
10) T n-Eicosane (C20)	12.532	3423952	21.062 ug/ml
11) T n-Heneicosane (C21)	13.143	3354739	20.821 ug/ml
13) T n-Docosane (C22)	13.729	3336193	20.809 ug/ml
14) T n-Tetracosane (C24)	14.832	3244056	20.440 ug/ml
15) T n-Hexacosane (C26)	15.853	3094107	20.263 ug/ml
16) T n-Octacosane (C28)	16.803	3022172	20.951 ug/ml
17) T n-Tricontane (C30)	17.691	3131640	22.415 ug/ml
18) T n-Dotriacontane (C32)	18.523	3055643	23.154 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2859590	23.122 ug/ml
20) T n-Hexatriacontane (C36)	20.046	2599373	21.568 ug/ml
21) T n-Octatriacontane (C38)	20.777	2627212	22.975 ug/ml
22) T n-Tetracontane (C40)	21.684	2456522	21.873 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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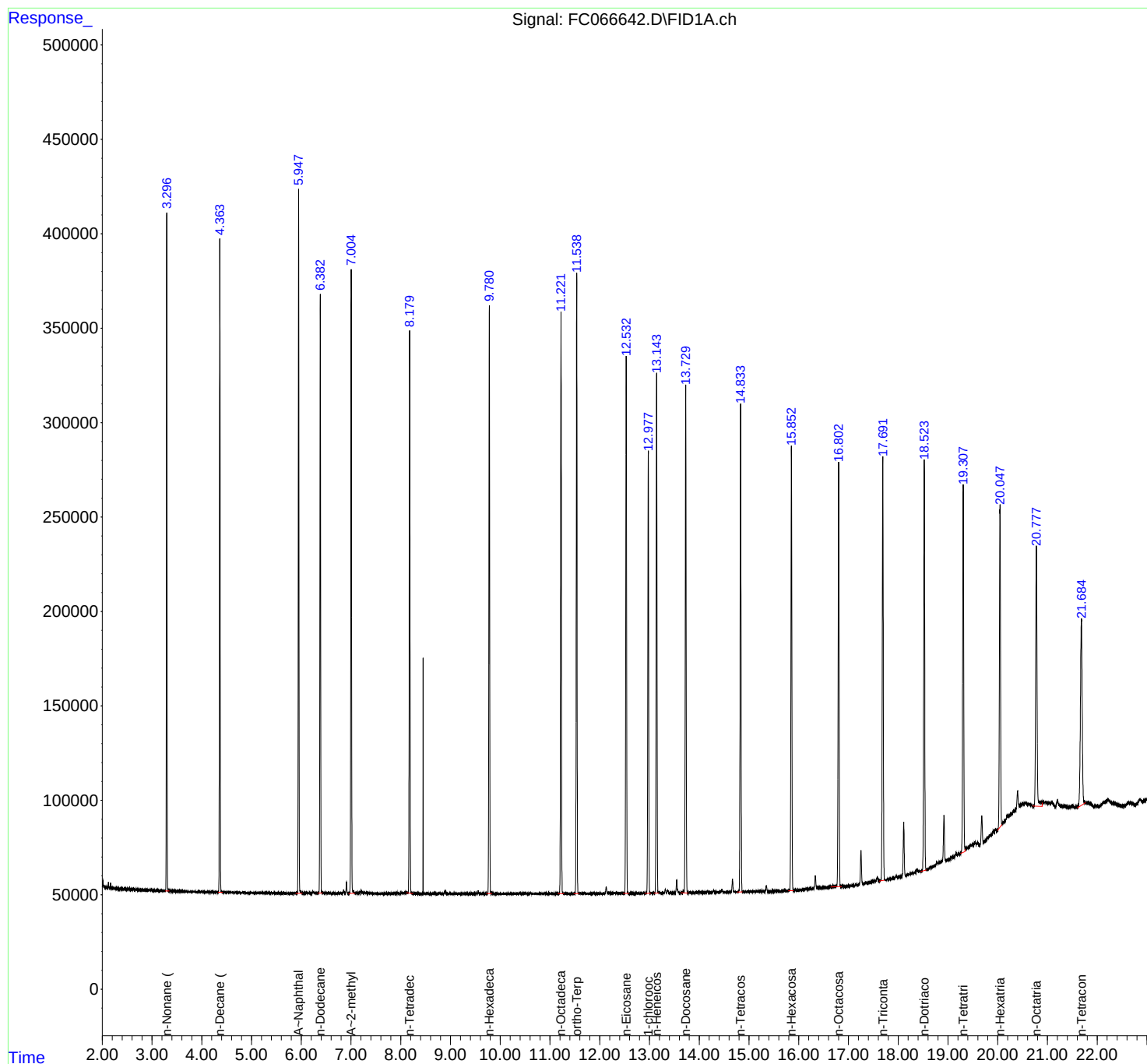
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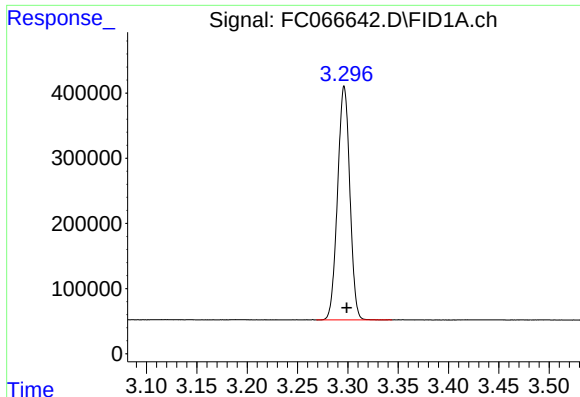
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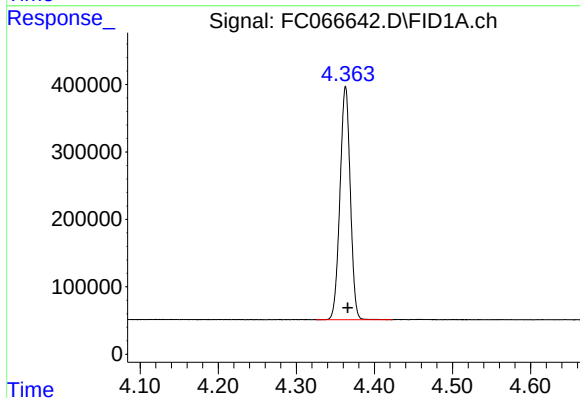
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 3039294
Conc: 20.92 ug/ml

Instrument :
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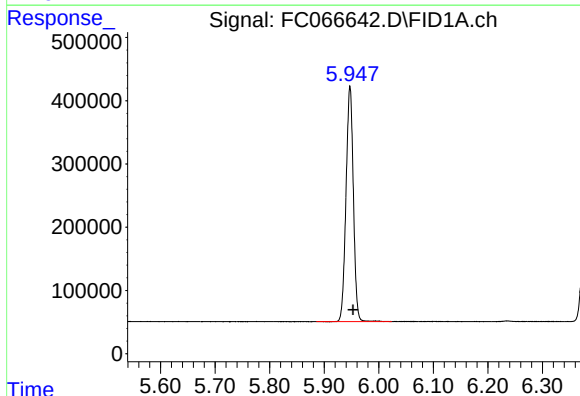
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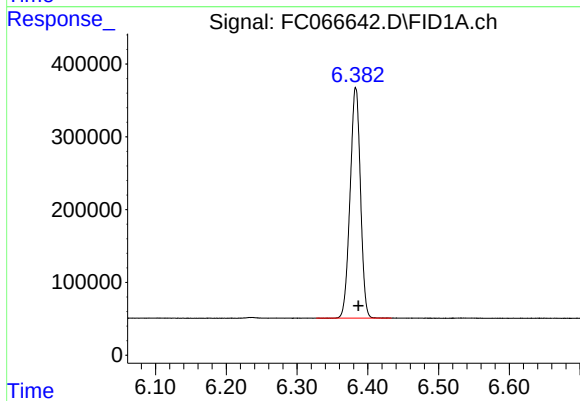
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.003 min
Response: 3172106
Conc: 21.27 ug/ml



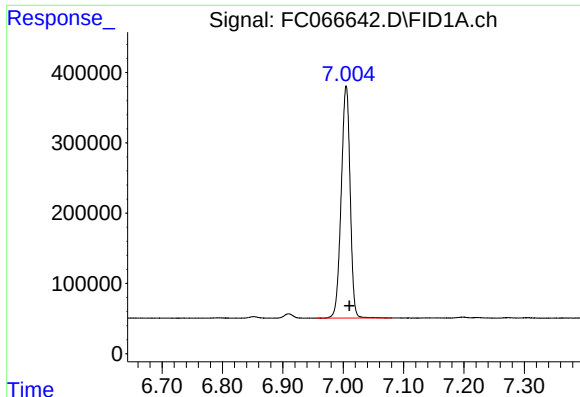
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 3473176
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 3223745
Conc: 21.27 ug/ml



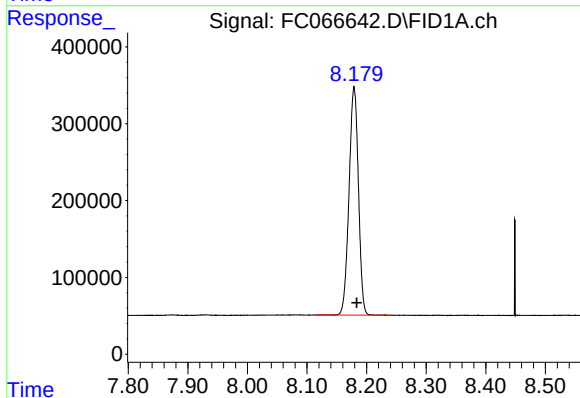
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 3394279
Conc: 21.37 ug/ml

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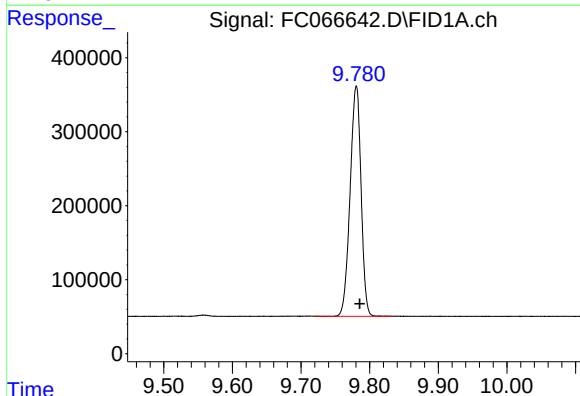
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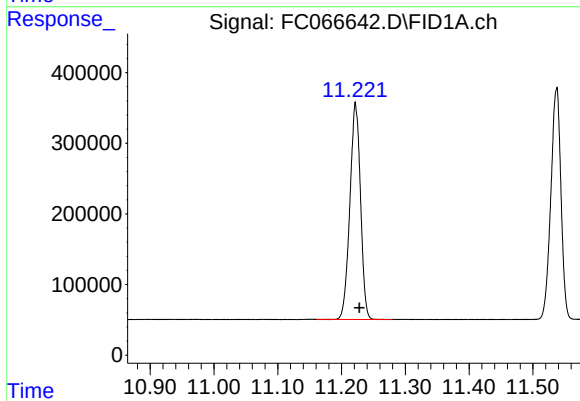
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.005 min
Response: 3253736
Conc: 21.45 ug/ml



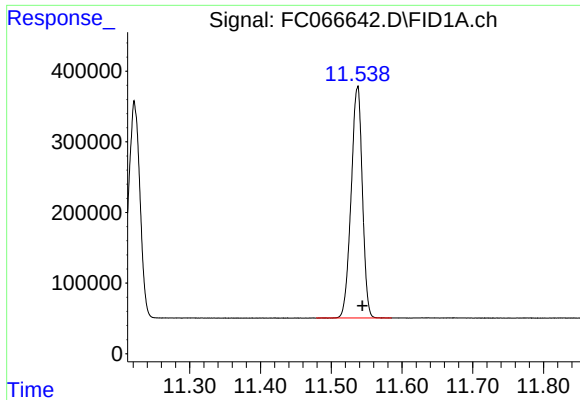
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.005 min
Response: 3446608
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.006 min
Response: 3547443
Conc: 21.38 ug/ml



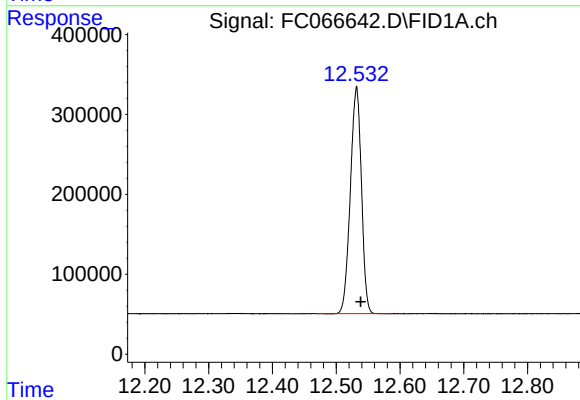
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 3616338
Conc: 20.97 ug/ml

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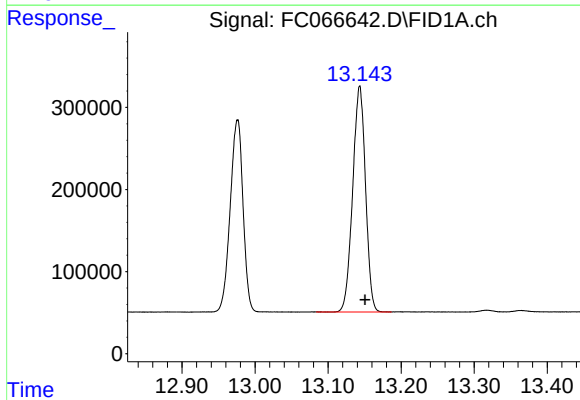
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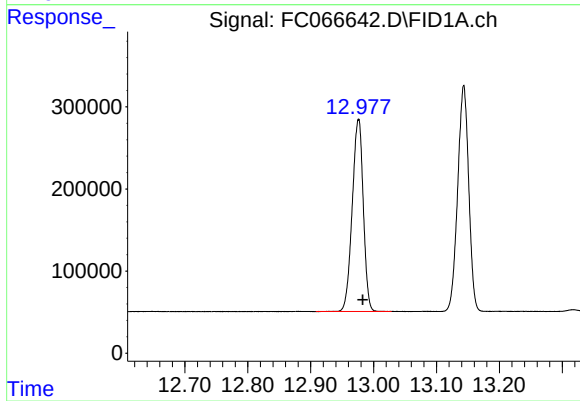
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.006 min
Response: 3423952
Conc: 21.06 ug/ml



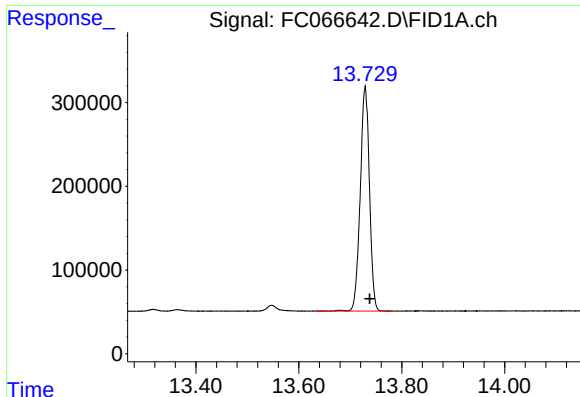
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 3354739
Conc: 20.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.007 min
Response: 2860947
Conc: 20.73 ug/ml



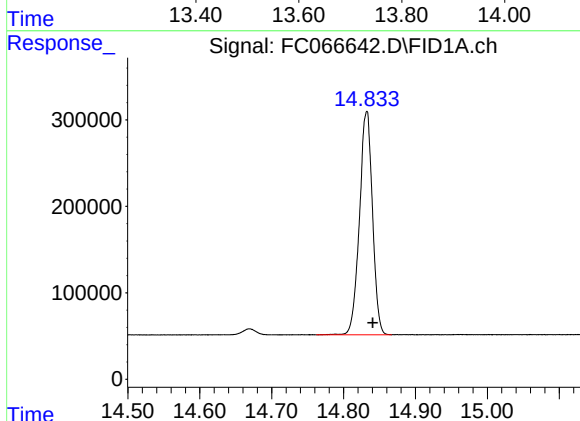
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.009 min
Response: 3336193
Conc: 20.81 ug/ml

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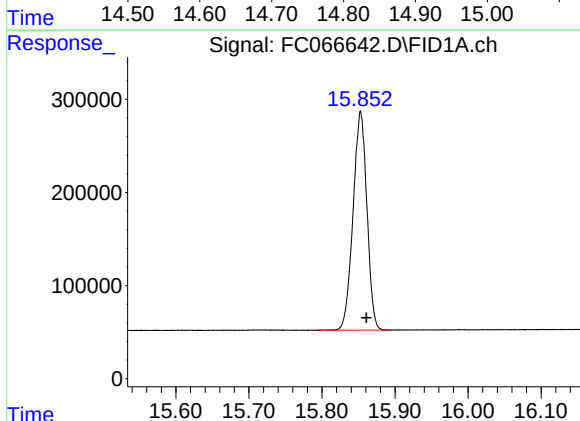
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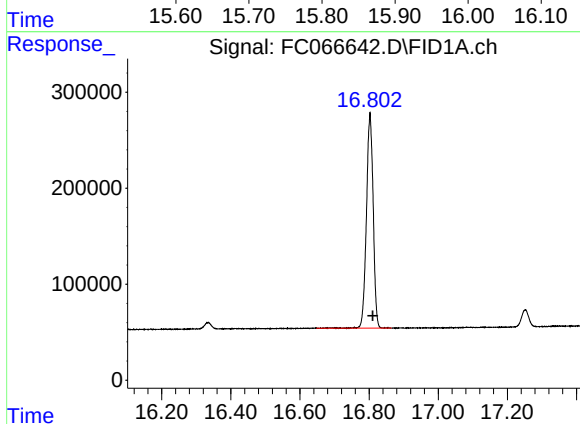
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.009 min
Response: 3244056
Conc: 20.44 ug/ml



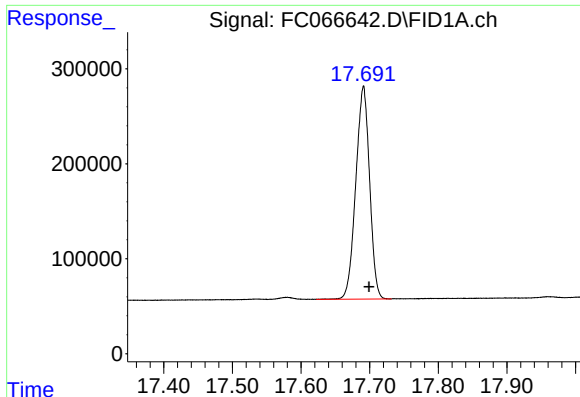
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.008 min
Response: 3094107
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.008 min
Response: 3022172
Conc: 20.95 ug/ml



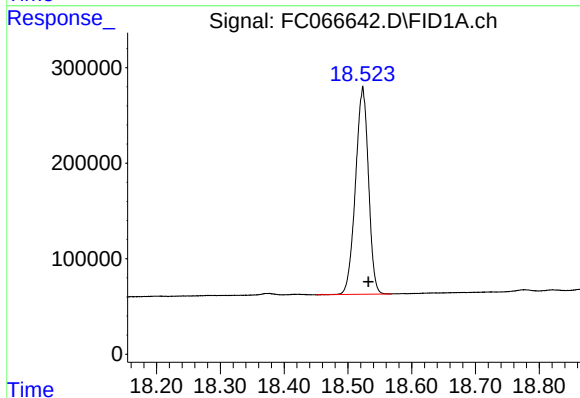
#17 n-Tricontane (C30)

R.T.: 17.691 min
Delta R.T.: -0.008 min
Response: 3131640
Conc: 22.41 ug/ml

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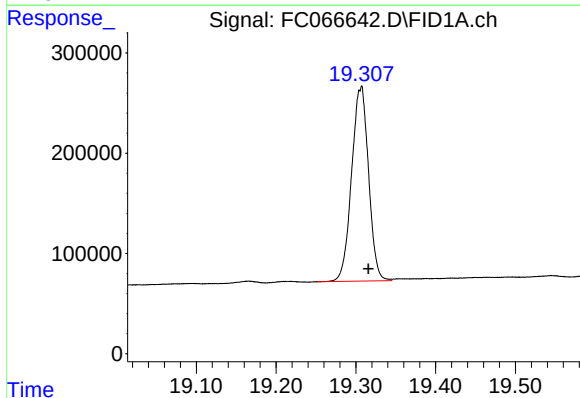
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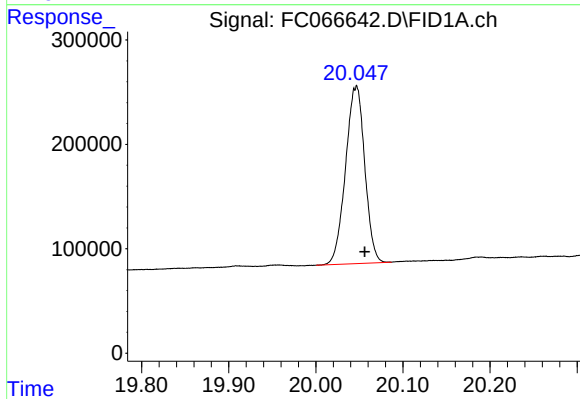
#18 n-Dotriacontane (C32)

R.T.: 18.523 min
Delta R.T.: -0.009 min
Response: 3055643
Conc: 23.15 ug/ml



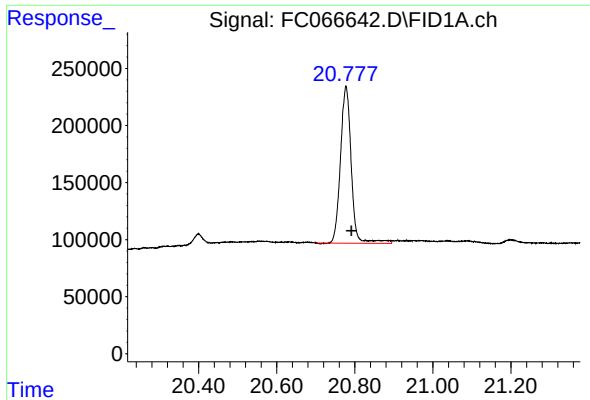
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.009 min
Response: 2859590
Conc: 23.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.010 min
Response: 2599373
Conc: 21.57 ug/ml



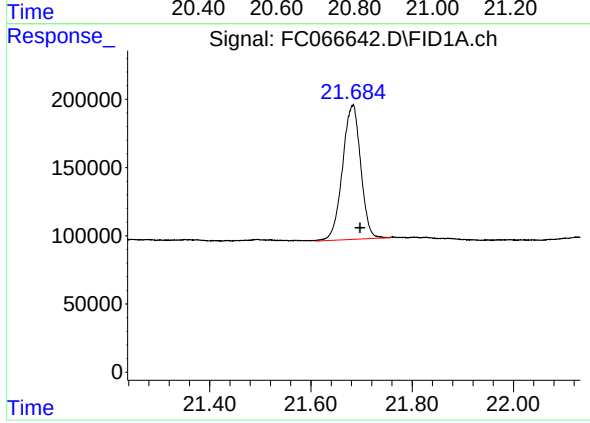
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.014 min
Response: 2627212
Conc: 22.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.684 min
Delta R.T.: -0.013 min
Response: 2456522
Conc: 21.87 ug/ml m