

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061088.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2022 10:04
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 12 12:54:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.633	3293259	20.067 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	11.997	2624645	19.771 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T n-Nonane (C9)	2.632	3067285	21.779 ug/ml
2) T n-Decane (C10)	3.626	3099857	21.974 ug/ml
3) T A~Naphthalene (C11.7)	5.168	3287434	23.127 ug/ml
4) T n-Dodecane (C12)	5.571	3214784	21.690 ug/ml
5) T A~2-methylnaphthalene...	6.191	3262612	23.789 ug/ml
6) T n-Tetradecane (C14)	7.318	3229544	21.511 ug/ml
7) T n-Hexadecane (C16)	8.878	3275533	21.404 ug/ml
8) T n-Octadecane (C18)	10.284	3262890	20.895 ug/ml
10) T n-Eicosane (C20)	11.560	3197665	20.376 ug/ml
11) T n-Heneicosane (C21)	12.157	3151334	20.140 ug/ml
13) T n-Docosane (C22)	12.729	3098301	19.871 ug/ml
14) T n-Tetracosane (C24)	13.804	2965468	19.424 ug/ml
15) T n-Hexacosane (C26)	14.801	2808158	18.812 ug/ml
16) T n-Octacosane (C28)	15.726	2703484	18.867 ug/ml
17) T n-Tricontane (C30)	16.592	2754277	19.673 ug/ml
18) T n-Dotriacontane (C32)	17.404	2801196	20.756 ug/ml
19) T n-Tetratriacontane (C34)	18.167	2741002	21.855 ug/mlm
20) T n-Hexatriacontane (C36)	18.886	2779251	22.737 ug/mlm
21) T n-Octatriacontane (C38)	19.569	2737073	23.191 ug/mlm
22) T n-Tetracontane (C40)	20.216	2691004	23.380 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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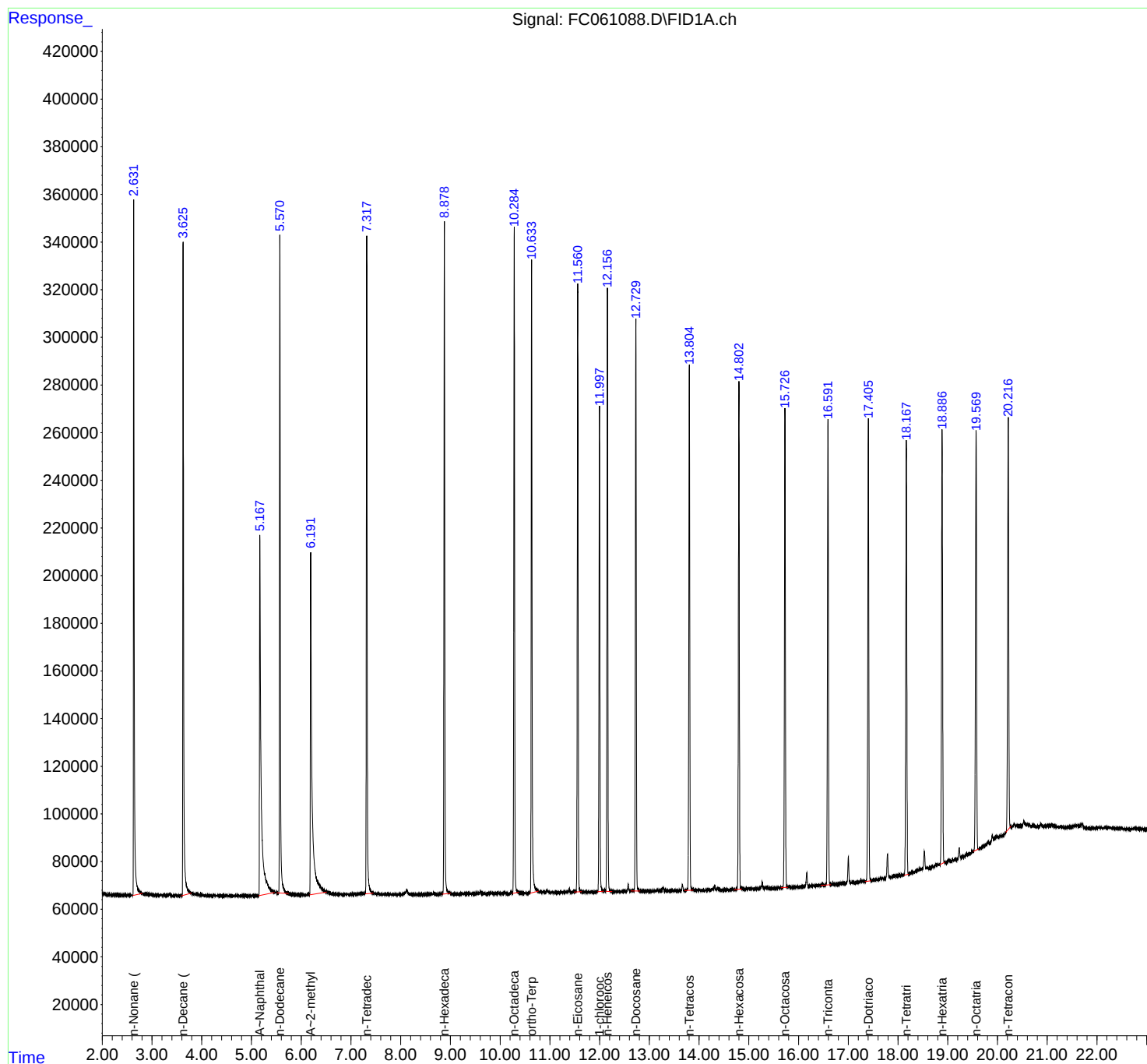
Instrument :
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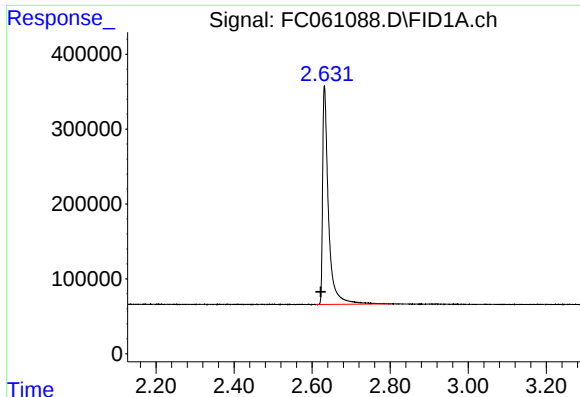
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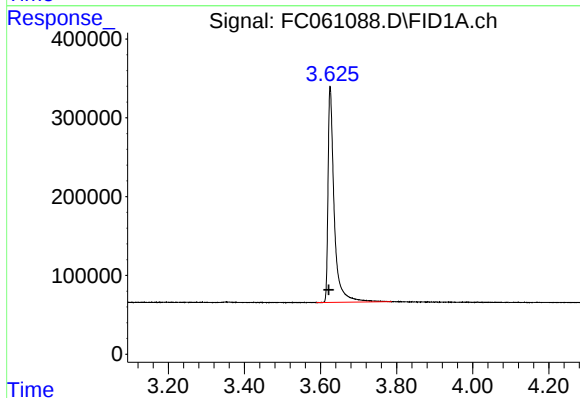
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: 0.010 min
Response: 3067285
Conc: 21.78 ug/ml

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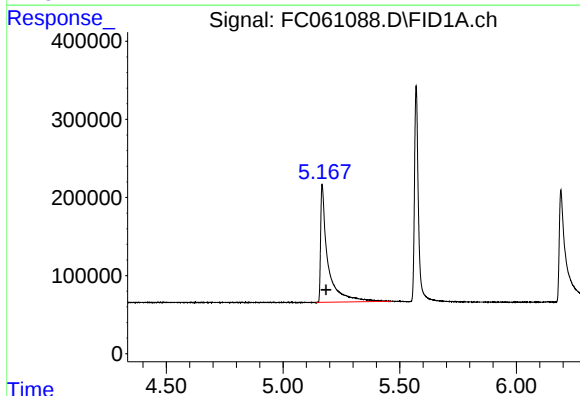
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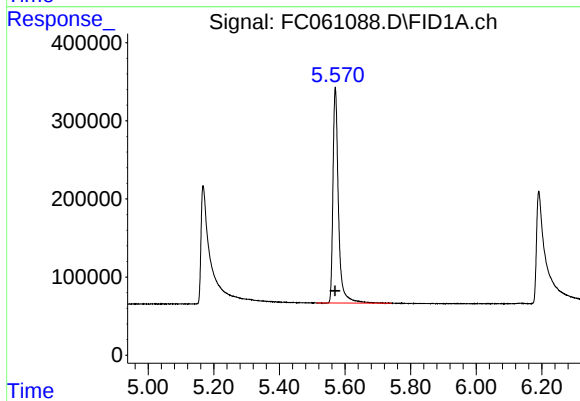
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: 0.004 min
Response: 3099857
Conc: 21.97 ug/ml



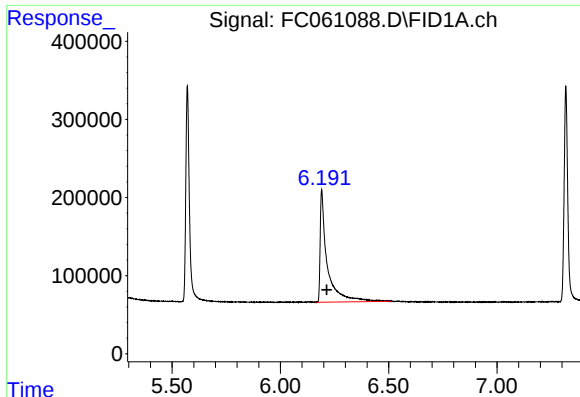
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.016 min
Response: 3287434
Conc: 23.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: 0.001 min
Response: 3214784
Conc: 21.69 ug/ml



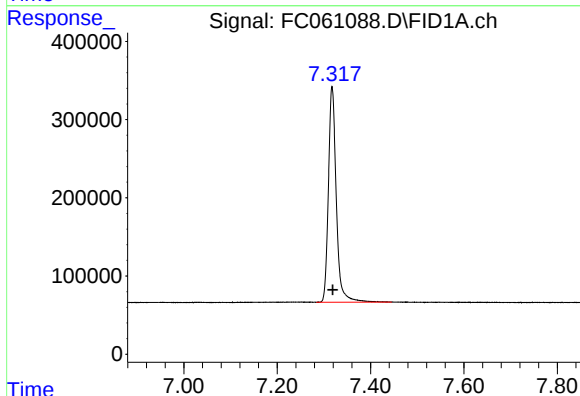
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.191 min
Delta R.T.: -0.024 min
Response: 3262612
Conc: 23.79 ug/ml

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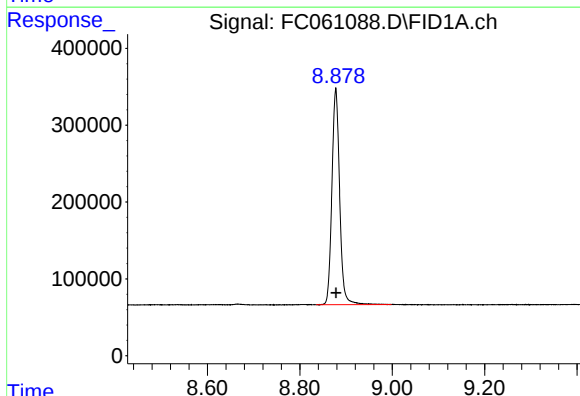
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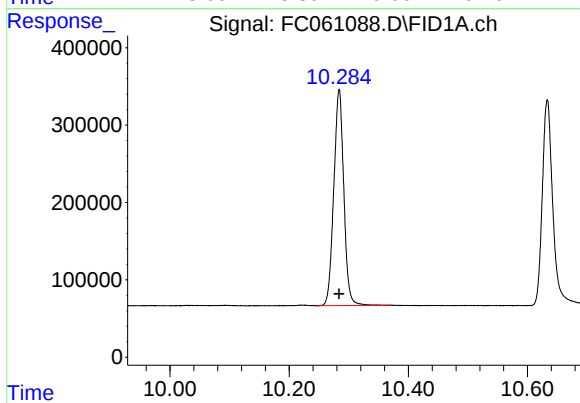
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.001 min
Response: 3229544
Conc: 21.51 ug/ml



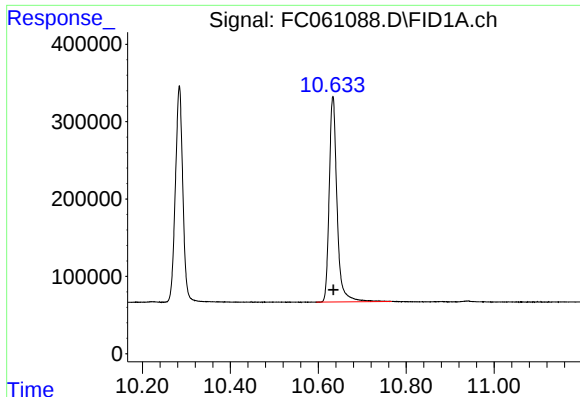
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 3275533
Conc: 21.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: 0.000 min
Response: 3262890
Conc: 20.90 ug/ml



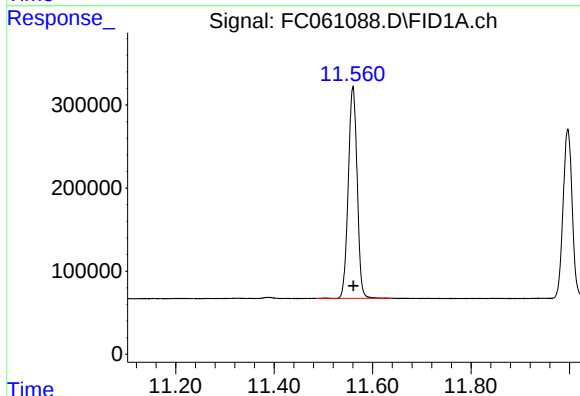
#9 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.001 min
Response: 3293259
Conc: 20.07 ug/ml

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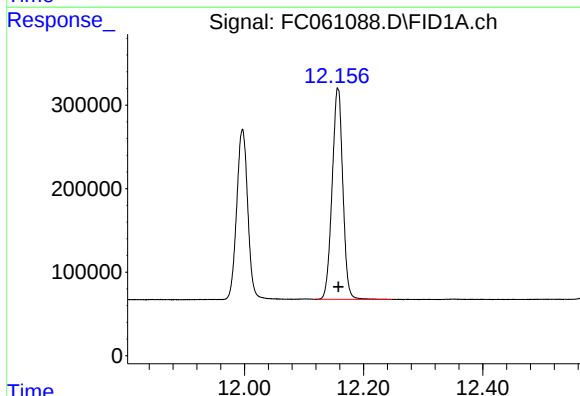
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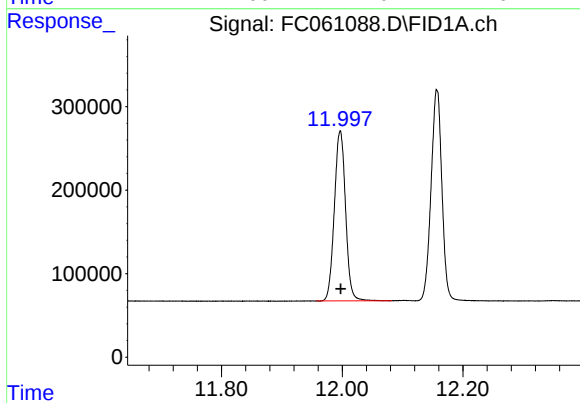
#10 n-Eicosane (C20)

R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 3197665
Conc: 20.38 ug/ml



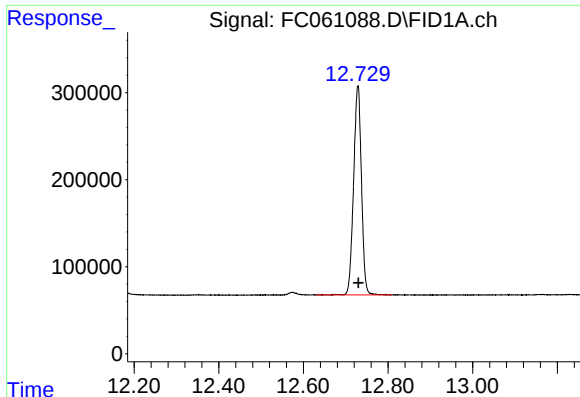
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: -0.001 min
Response: 3151334
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 2624645
Conc: 19.77 ug/ml



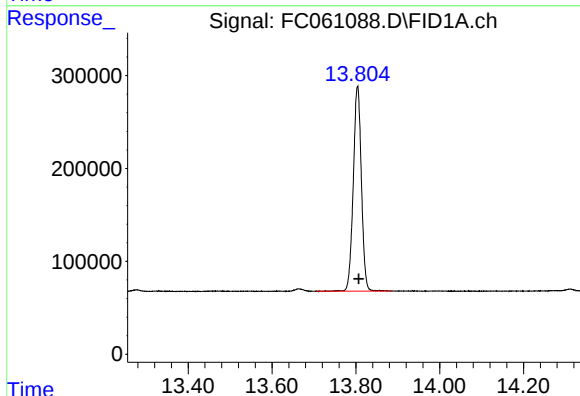
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: -0.001 min
Response: 3098301
Conc: 19.87 ug/ml

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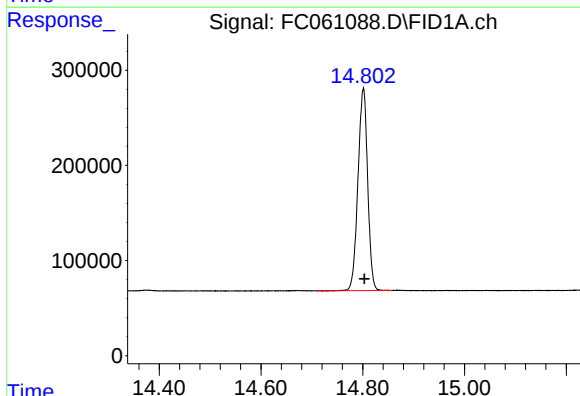
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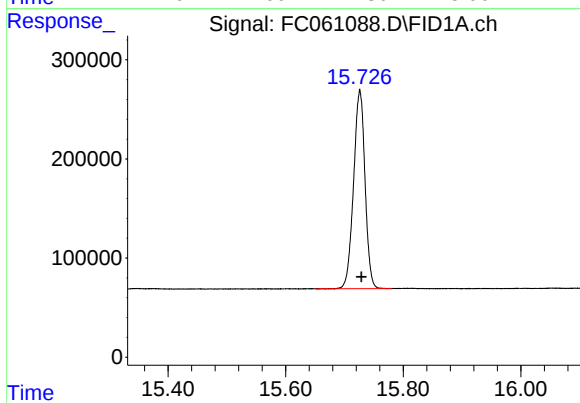
#14 n-Tetracosane (C24)

R.T.: 13.804 min
Delta R.T.: -0.003 min
Response: 2965468
Conc: 19.42 ug/ml



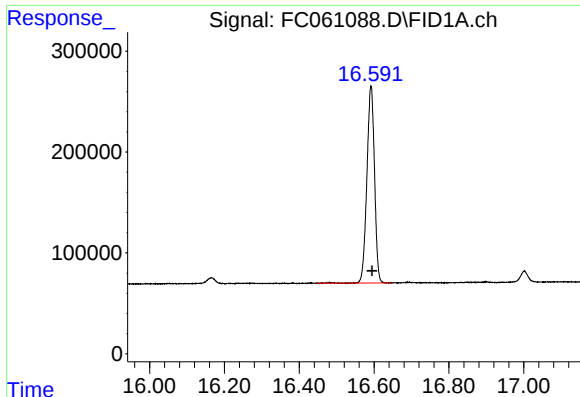
#15 n-Hexacosane (C26)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 2808158
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.726 min
Delta R.T.: -0.003 min
Response: 2703484
Conc: 18.87 ug/ml



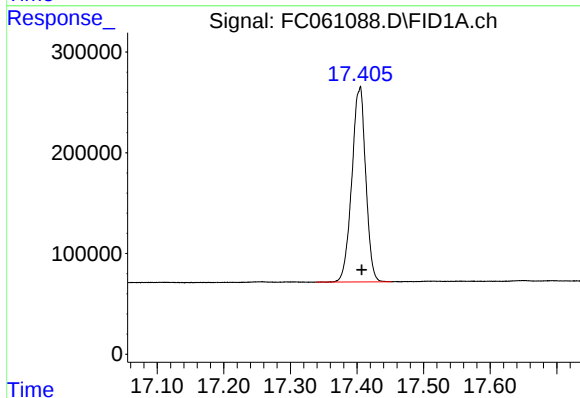
#17 n-Tricontane (C30)

R.T.: 16.592 min
Delta R.T.: -0.003 min
Response: 2754277
Conc: 19.67 ug/ml

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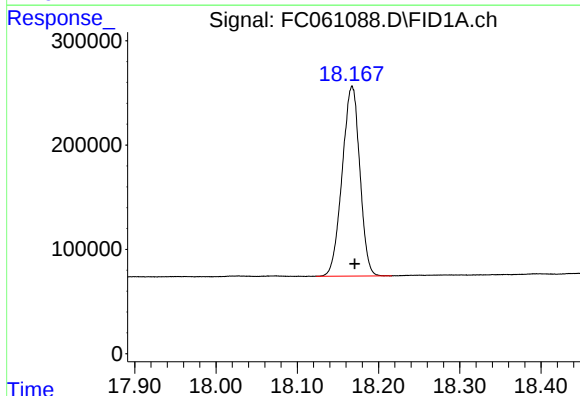
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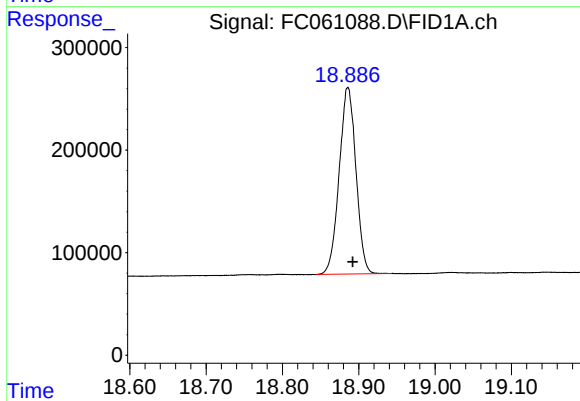
#18 n-Dotriacontane (C32)

R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 2801196
Conc: 20.76 ug/ml



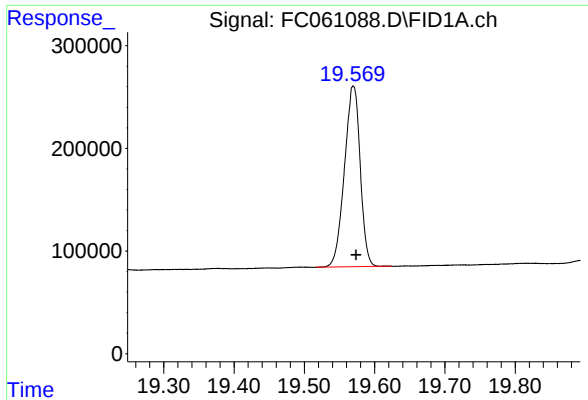
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 2741002
Conc: 21.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.886 min
Delta R.T.: -0.006 min
Response: 2779251
Conc: 22.74 ug/ml m



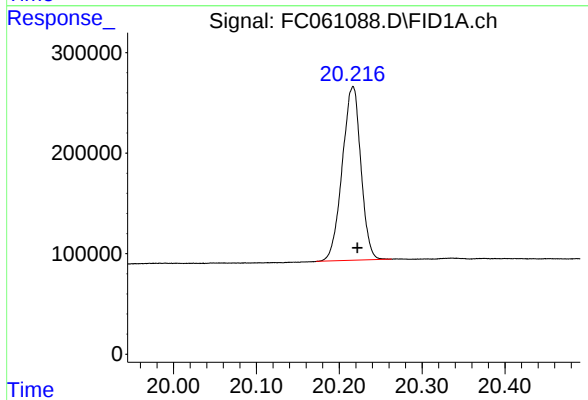
#21 n-Octatriacontane (C38)

R.T.: 19.569 min
Delta R.T.: -0.005 min
Response: 2737073
Conc: 23.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 2691004
Conc: 23.38 ug/ml m