

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102722AL\
 Data File : FC061979.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2022 03:00
 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 10/28/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e
 Quant Time: Oct 28 06:15:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.588	3120424	20.993 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
12) S 1-chlorooctadecane (S...	13.024	2458371	21.102 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T n-Nonane (C9)	3.350	2866104	20.376 ug/ml
2) T n-Decane (C10)	4.417	2945910	20.637 ug/ml
3) T A~Naphthalene (C11.7)	6.003	3178091	20.590 ug/ml
4) T n-Dodecane (C12)	6.433	3011366	20.744 ug/ml
5) T A~2-methylnaphthalene...	7.058	3147347	20.748 ug/ml
6) T n-Tetradecane (C14)	8.229	3029916	20.844 ug/ml
7) T n-Hexadecane (C16)	9.829	3059357	21.008 ug/ml
8) T n-Octadecane (C18)	11.271	3047860	21.087 ug/ml
10) T n-Eicosane (C20)	12.579	2974100	21.072 ug/ml
11) T n-Heneicosane (C21)	13.191	2925203	21.082 ug/ml
13) T n-Docosane (C22)	13.777	2867167	20.914 ug/ml
14) T n-Tetracosane (C24)	14.879	2729414	20.657 ug/ml
15) T n-Hexacosane (C26)	15.899	2613088	20.738 ug/ml
16) T n-Octacosane (C28)	16.848	2541663	21.074 ug/ml
17) T n-Tricontane (C30)	17.736	2654112	22.307 ug/ml
18) T n-Dotriacontane (C32)	18.567	2699013	22.908 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2546446	22.540 ug/ml
20) T n-Hexatriacontane (C36)	20.090	2514043	22.168 ug/ml
21) T n-Octatriacontane (C38)	20.825	2521797	22.412 ug/ml
22) T n-Tetracontane (C40)	21.742	2338137	20.826 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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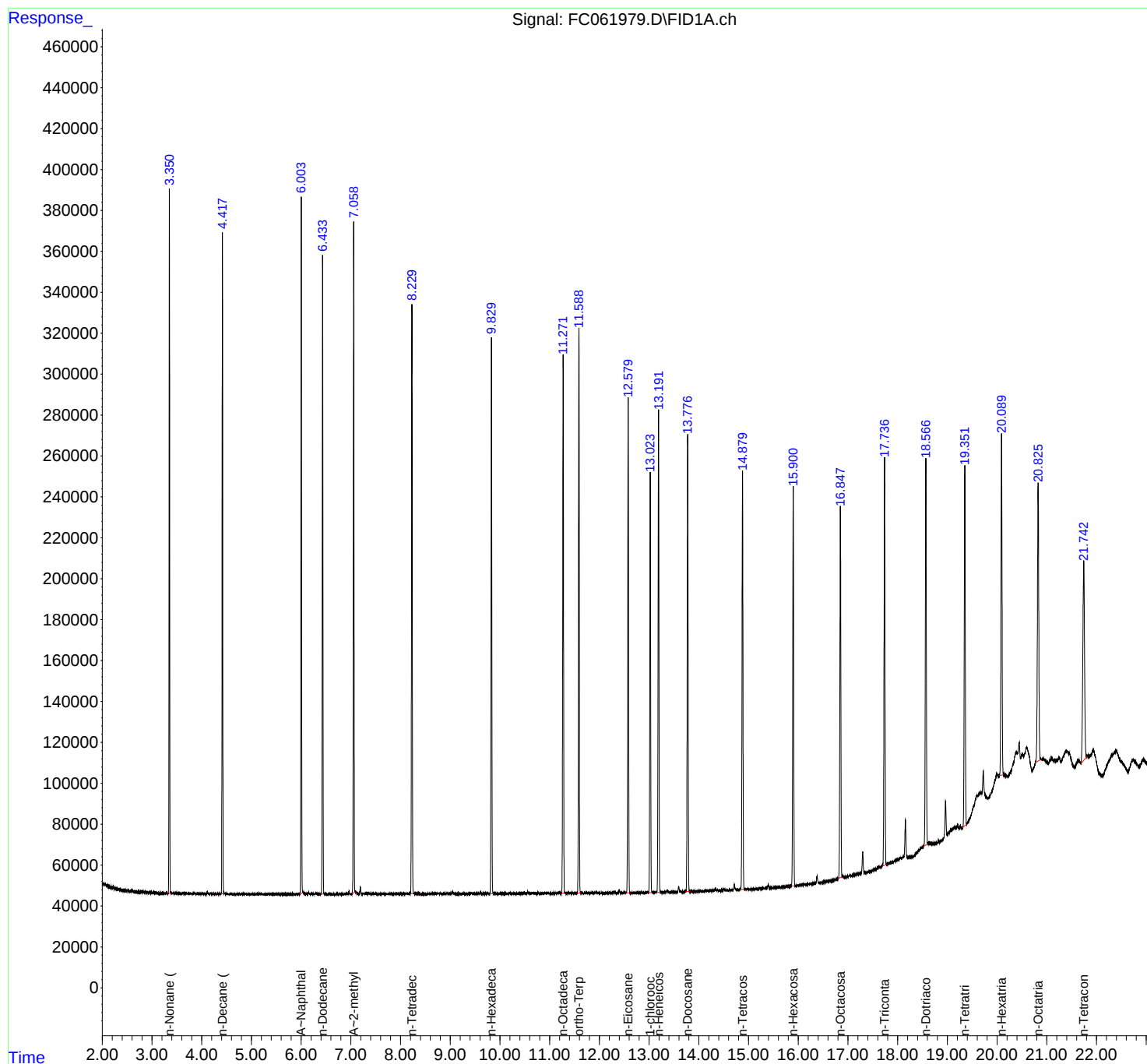
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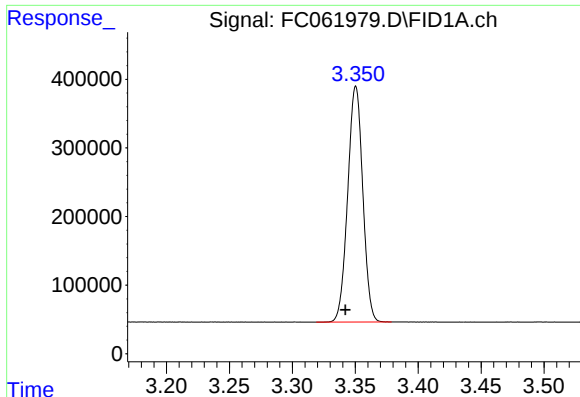
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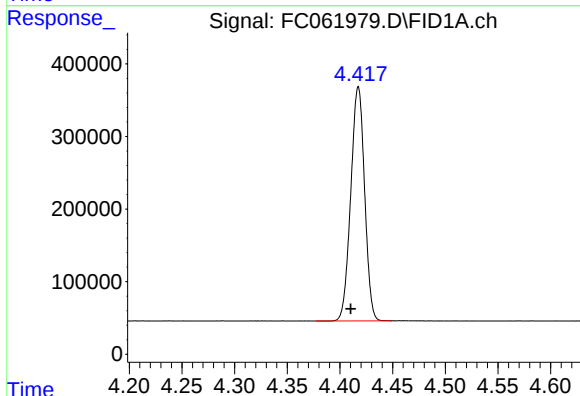
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: 0.008 min
Response: 2866104
Conc: 20.38 ug/ml

Instrument :
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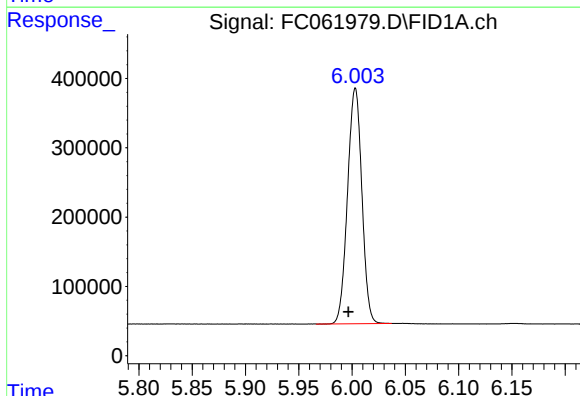
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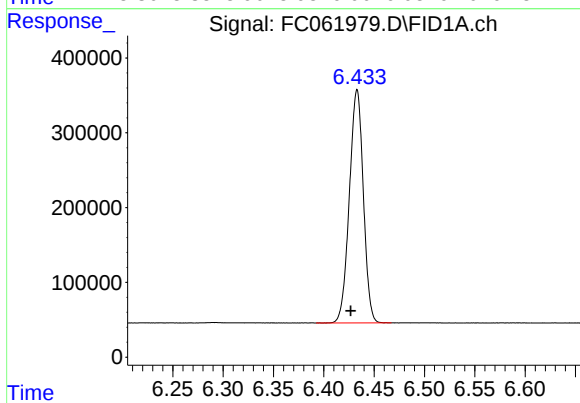
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.007 min
Response: 2945910
Conc: 20.64 ug/ml



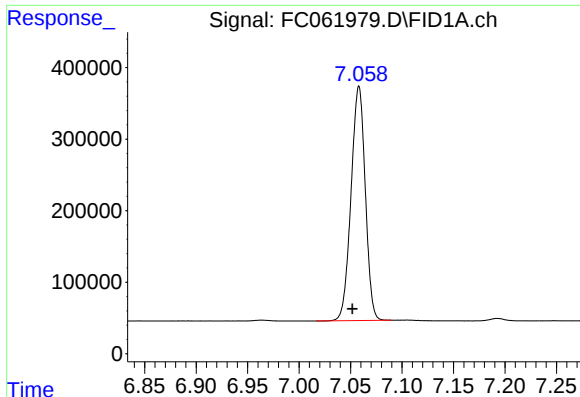
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: 0.007 min
Response: 3178091
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: 0.006 min
Response: 3011366
Conc: 20.74 ug/ml



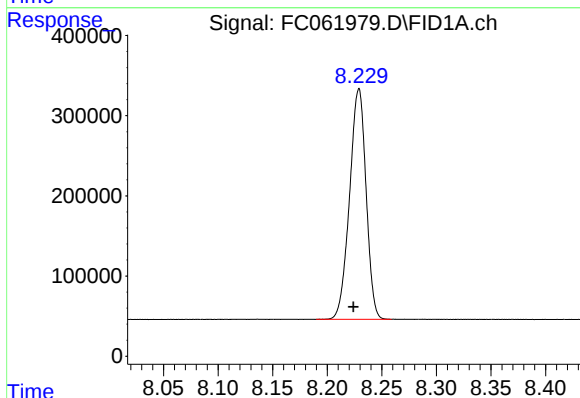
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: 0.006 min
Response: 3147347
Conc: 20.75 ug/ml

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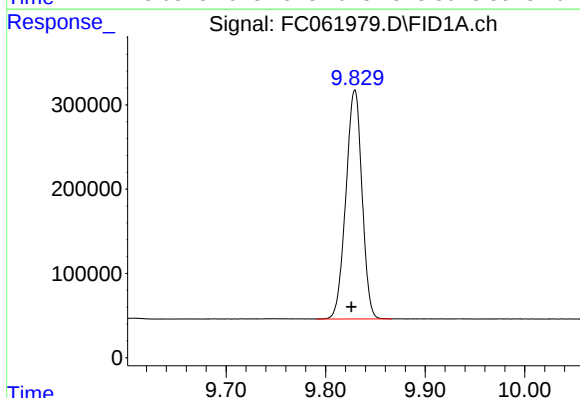
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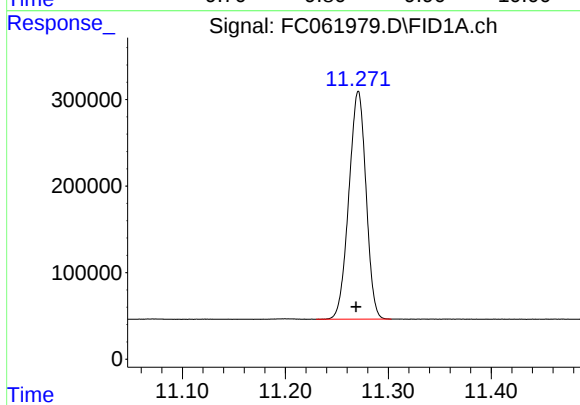
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: 0.005 min
Response: 3029916
Conc: 20.84 ug/ml



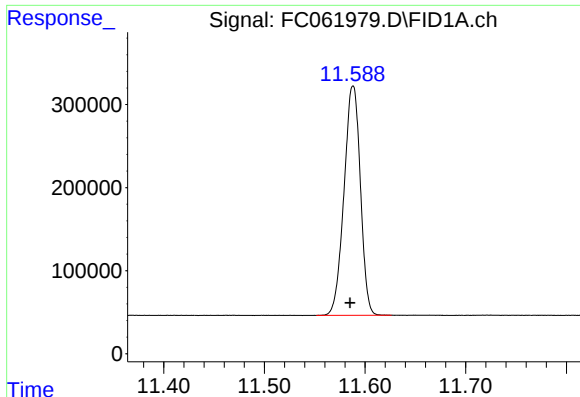
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.003 min
Response: 3059357
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: 0.002 min
Response: 3047860
Conc: 21.09 ug/ml



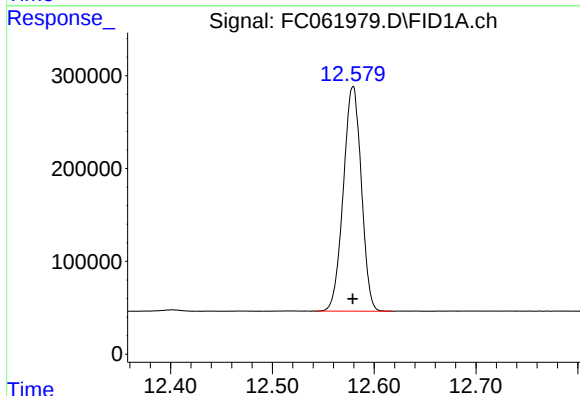
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: 0.003 min
Response: 3120424
Conc: 20.99 ug/ml

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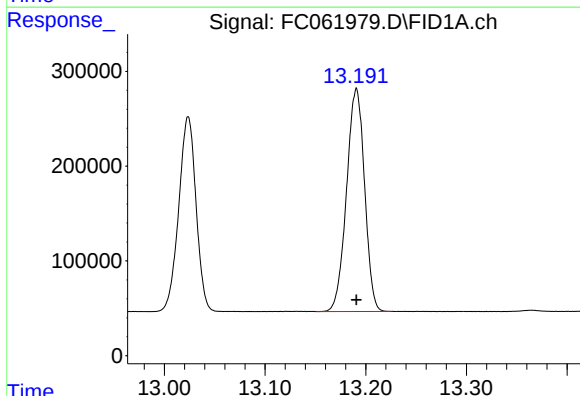
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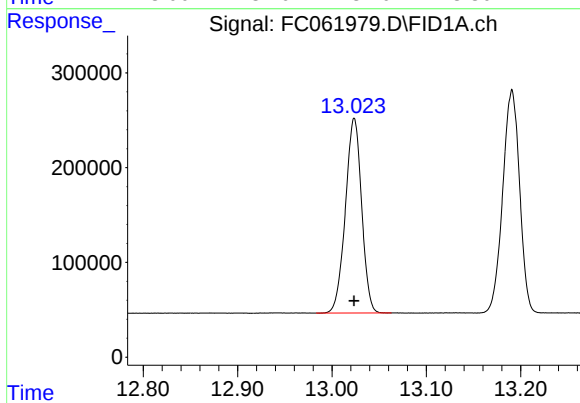
#10 n-Eicosane (C20)

R.T.: 12.579 min
Delta R.T.: 0.000 min
Response: 2974100
Conc: 21.07 ug/ml



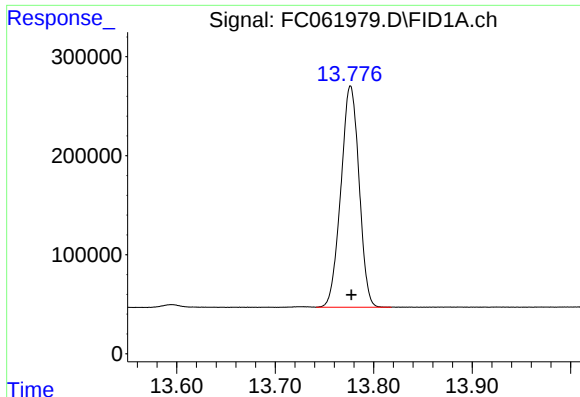
#11 n-Heneicosane (C21)

R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 2925203
Conc: 21.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 2458371
Conc: 21.10 ug/ml



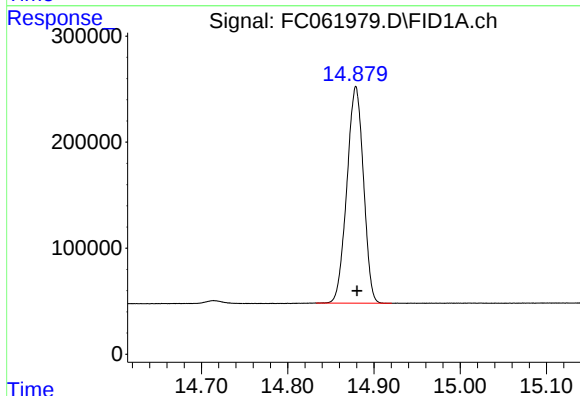
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: 0.000 min
Response: 2867167
Conc: 20.91 ug/ml

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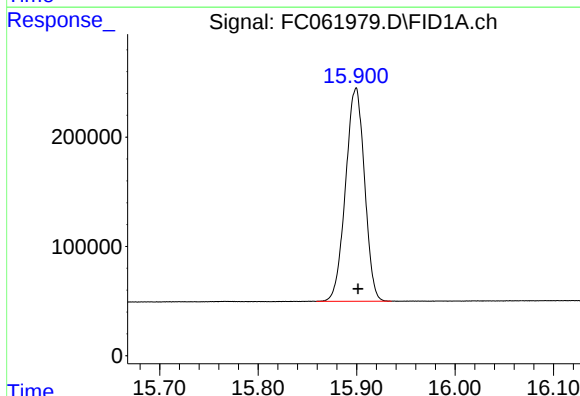
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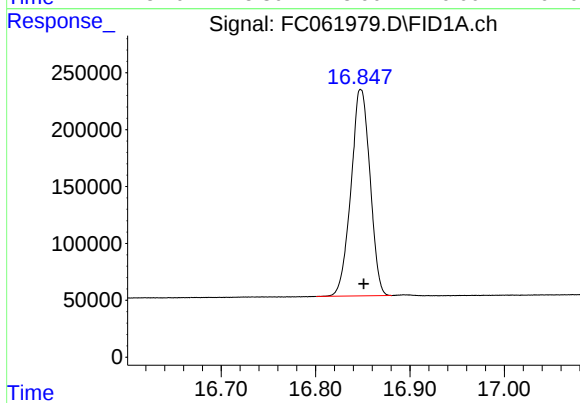
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.001 min
Response: 2729414
Conc: 20.66 ug/ml



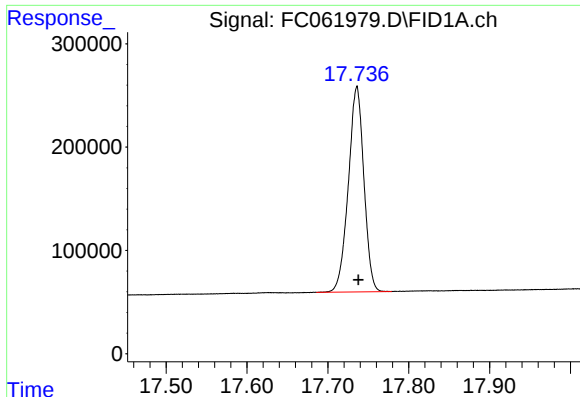
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: -0.002 min
Response: 2613088
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.003 min
Response: 2541663
Conc: 21.07 ug/ml



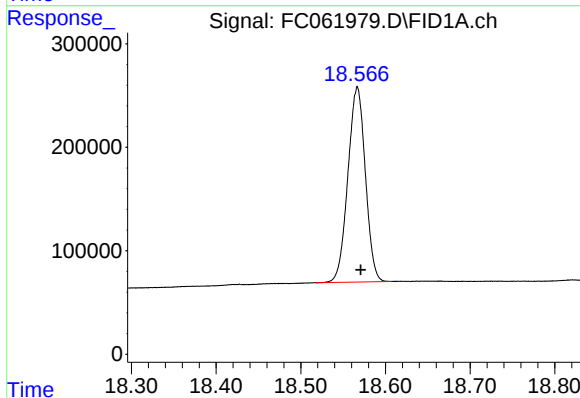
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.002 min
Response: 2654112
Conc: 22.31 ug/ml

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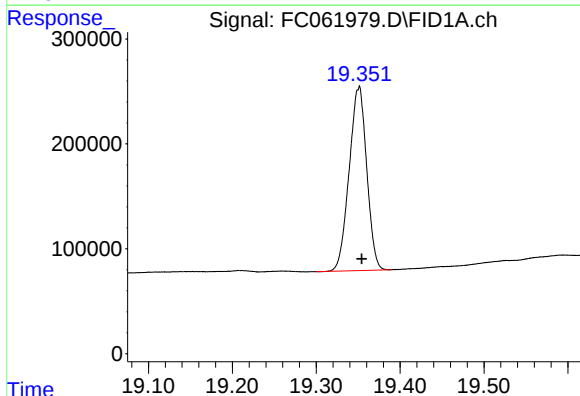
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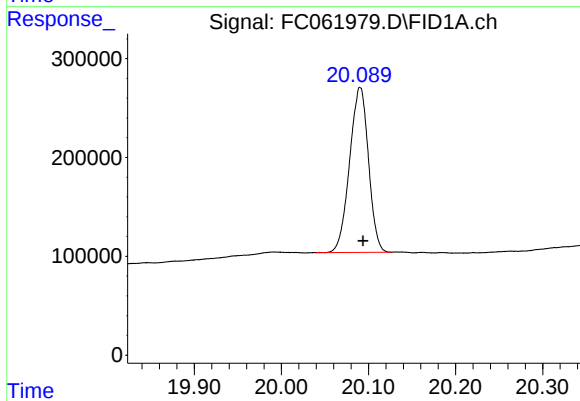
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.004 min
Response: 2699013
Conc: 22.91 ug/ml



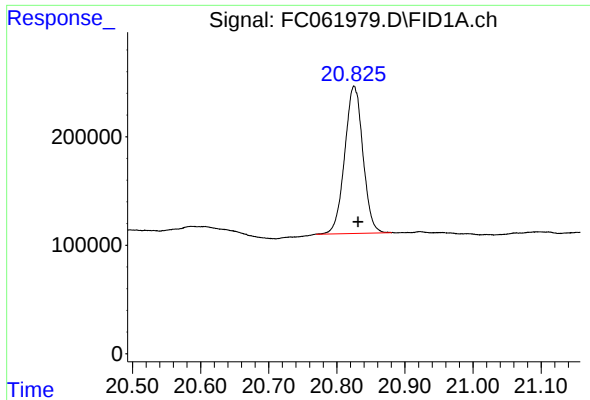
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.003 min
Response: 2546446
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.090 min
Delta R.T.: -0.003 min
Response: 2514043
Conc: 22.17 ug/ml



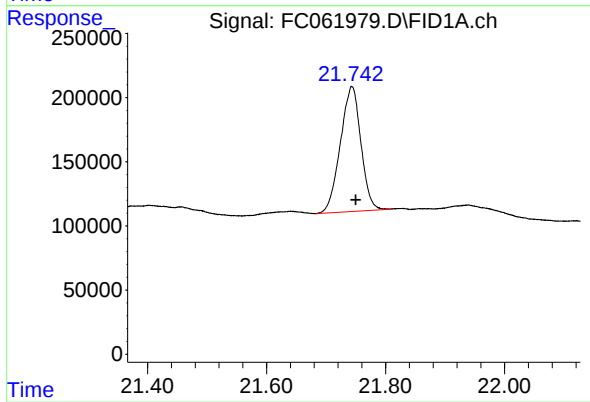
#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.006 min
Response: 2521797
Conc: 22.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.008 min
Response: 2338137
Conc: 20.83 ug/ml m