

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021519AL\
 Data File : FC039220.D
 Signal(s) : FID1A.CH
 Acq On : 16 Feb 2019 00:20
 Operator : AJ\SJ
 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

Sohil
 2/18/2019 4:25:10 PM

Integration File: autoint1.e
 Quant Time: Feb 16 02:53:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.207	3121172	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.652	2219218	18.821 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T n-Nonane (C9)	3.064	2084725	20.086 ug/ml
2) T n-Decane (C10)	4.116	2121101	20.578 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2409677	21.474 ug/ml
4) T n-Dodecane (C12)	6.116	2173832	20.574 ug/ml
5) T A~2-methylnaphthalene...	6.717	2339922	21.043 ug/ml
6) T n-Tetradecane (C14)	7.895	2191373	20.124 ug/ml
7) T n-Hexadecane (C16)	9.483	2210048	19.649 ug/ml
8) T n-Octadecane (C18)	10.914	2205133	18.835 ug/ml
10) T n-Eicosane (C20)	12.215	2223947	18.675 ug/ml
11) T n-Heneicosane (C21)	12.822	2211800	18.794 ug/ml
13) T n-Docosane (C22)	13.405	2196824	18.638 ug/ml
14) T n-Tetracosane (C24)	14.502	2214244	18.776 ug/ml
15) T n-Hexacosane (C26)	15.518	2198618	18.909 ug/ml
16) T n-Octacosane (C28)	16.462	2239115	19.213 ug/ml
17) T n-Tricontane (C30)	17.346	2287158	19.707 ug/ml
18) T n-Dotriacontane (C32)	18.174	2269283	20.867 ug/mlm
19) T n-Tetratriacontane (C34)	18.953	1954969	21.108 ug/mlm
20) T n-Hexatriacontane (C36)	19.689	1634734	20.581 ug/mlm
21) T n-Octatriacontane (C38)	20.388	1500351	20.429 ug/mlm
22) T n-Tetracontane (C40)	21.167	1343983	18.012 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 2 Sample Multiplier: 1

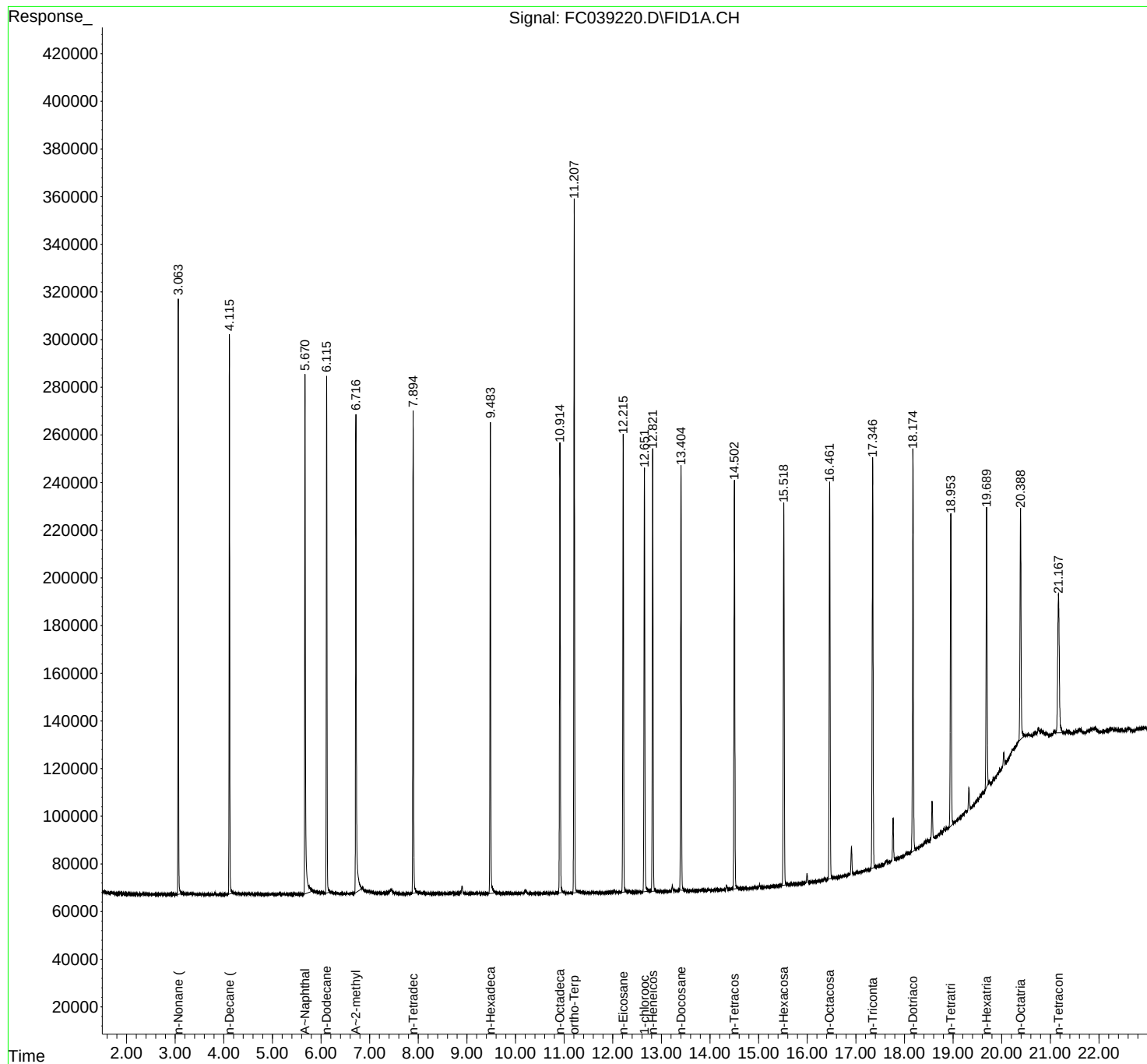
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

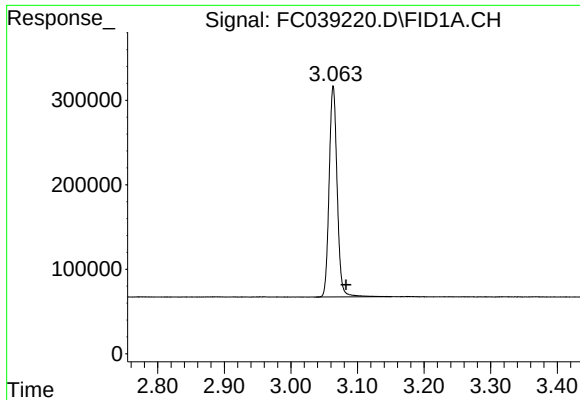
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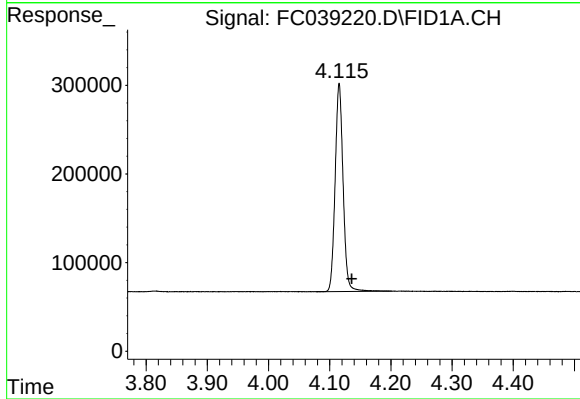
#1 n-Nonane (C9)

R.T.: 3.064 min
Delta R.T.: -0.019 min
Response: 2084725
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

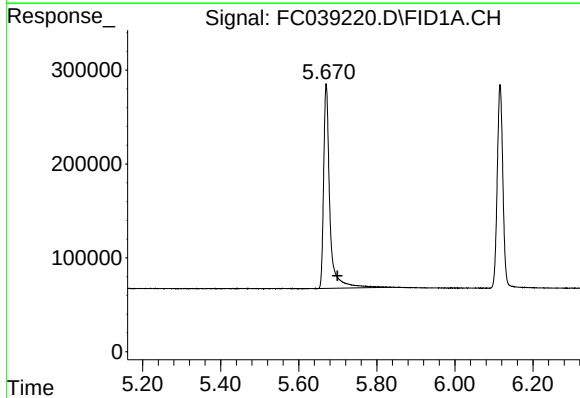
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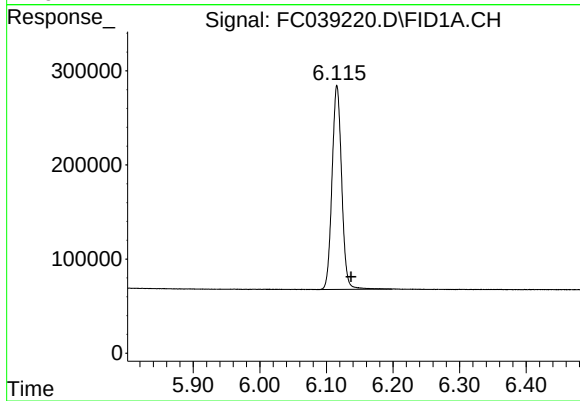
#2 n-Decane (C10)

R.T.: 4.116 min
Delta R.T.: -0.020 min
Response: 2121101
Conc: 20.58 ug/ml



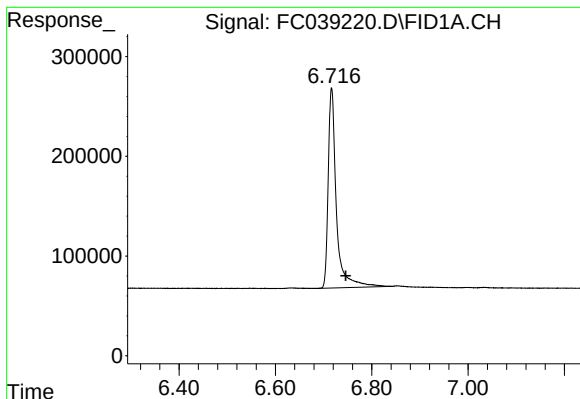
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.028 min
Response: 2409677
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: -0.021 min
Response: 2173832
Conc: 20.57 ug/ml



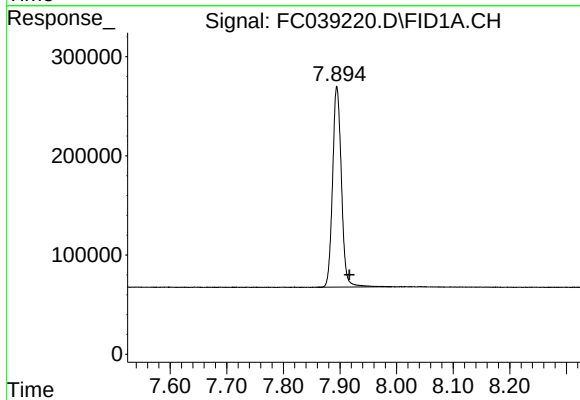
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.029 min
Response: 2339922
Conc: 21.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

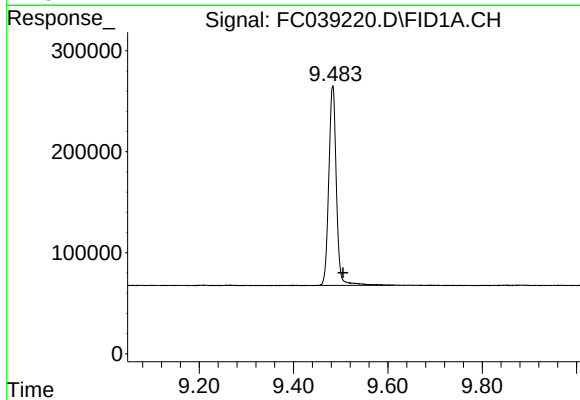
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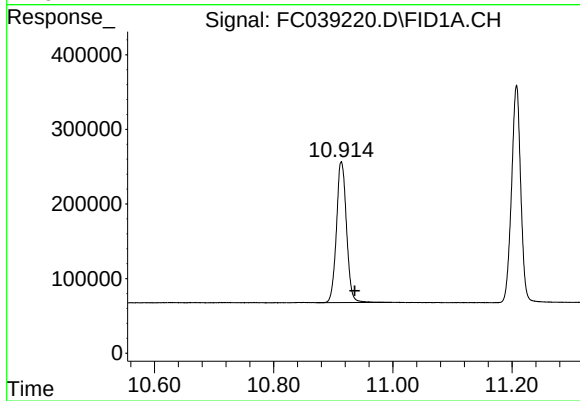
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: -0.022 min
Response: 2191373
Conc: 20.12 ug/ml



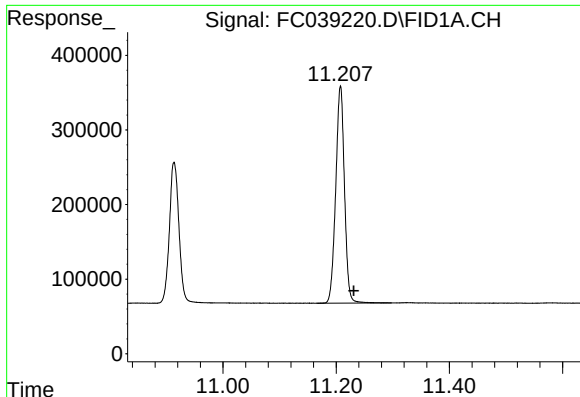
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: -0.022 min
Response: 2210048
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.914 min
Delta R.T.: -0.022 min
Response: 2205133
Conc: 18.84 ug/ml



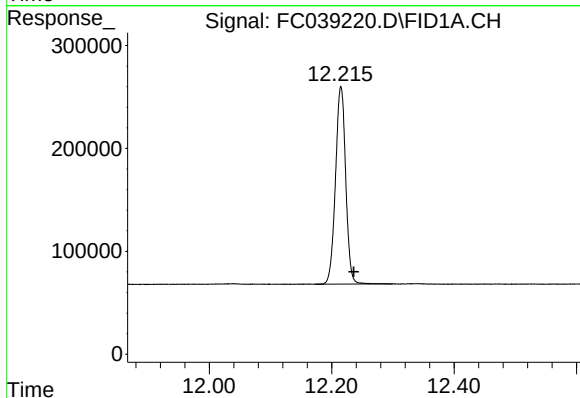
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.024 min
Response: 3121172
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

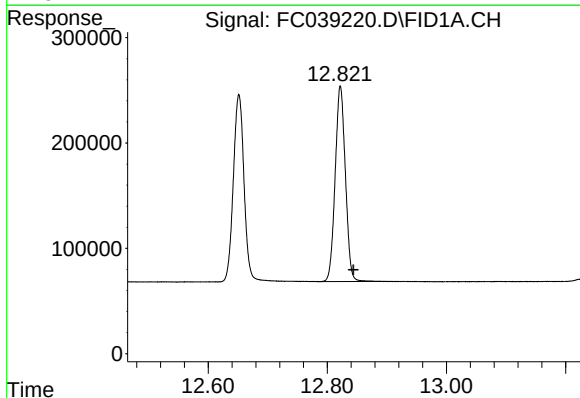
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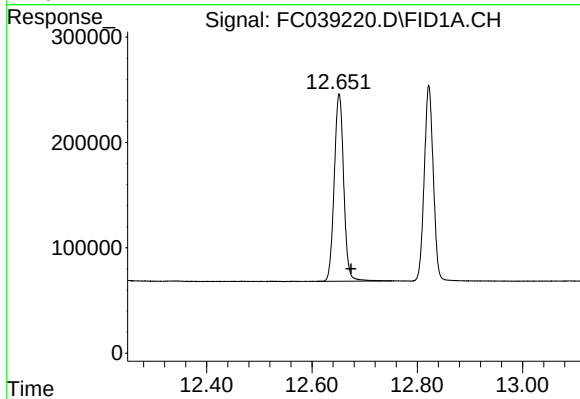
#10 n-Eicosane (C20)

R.T.: 12.215 min
Delta R.T.: -0.021 min
Response: 2223947
Conc: 18.67 ug/ml



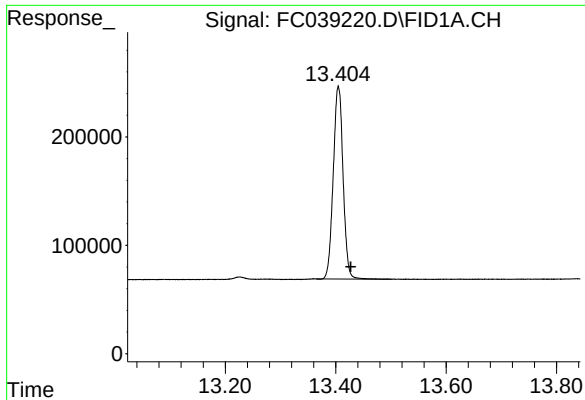
#11 n-Heneicosane (C21)

R.T.: 12.822 min
Delta R.T.: -0.022 min
Response: 2211800
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.652 min
Delta R.T.: -0.022 min
Response: 2219218
Conc: 18.82 ug/ml



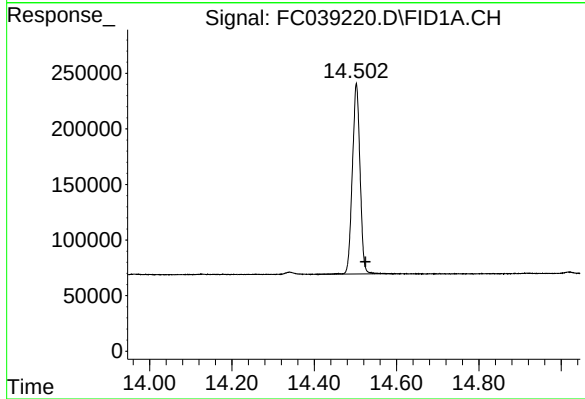
#13 n-Docosane (C22)

R.T.: 13.405 min
Delta R.T.: -0.022 min
Response: 2196824
Conc: 18.64 ug/ml

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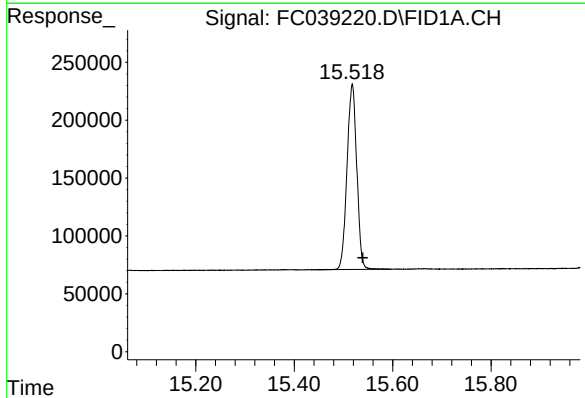
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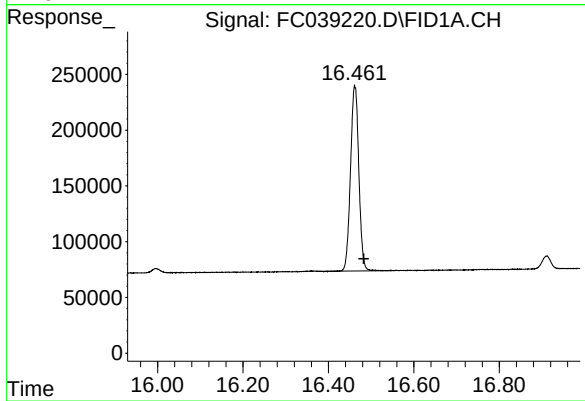
#14 n-Tetracosane (C24)

R.T.: 14.502 min
Delta R.T.: -0.022 min
Response: 2214244
Conc: 18.78 ug/ml



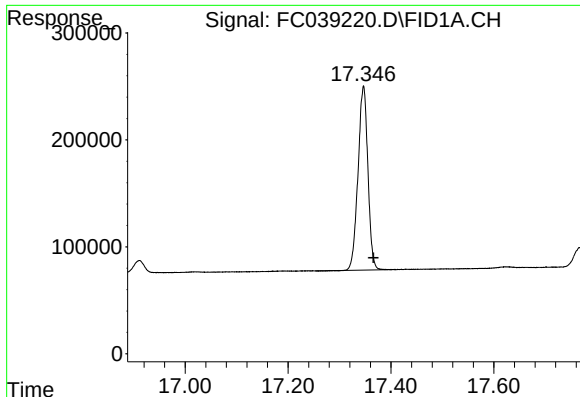
#15 n-Hexacosane (C26)

R.T.: 15.518 min
Delta R.T.: -0.021 min
Response: 2198618
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.462 min
Delta R.T.: -0.021 min
Response: 2239115
Conc: 19.21 ug/ml



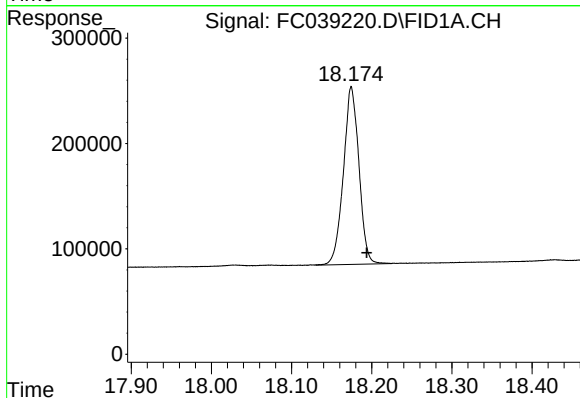
#17 n-Tricontane (C30)

R.T.: 17.346 min
Delta R.T.: -0.020 min
Response: 2287158
Conc: 19.71 ug/ml

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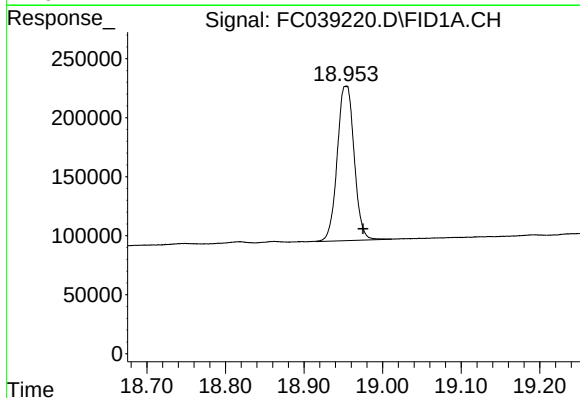
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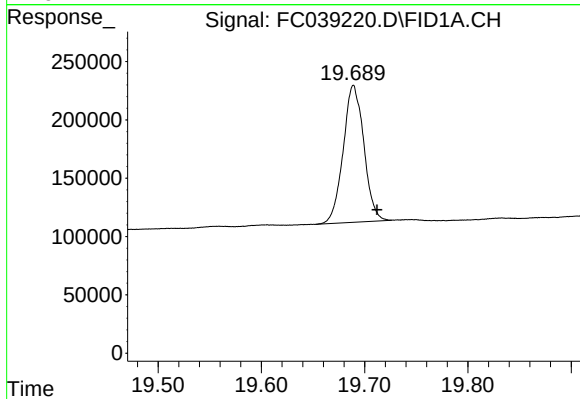
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: -0.020 min
Response: 2269283
Conc: 20.87 ug/ml m



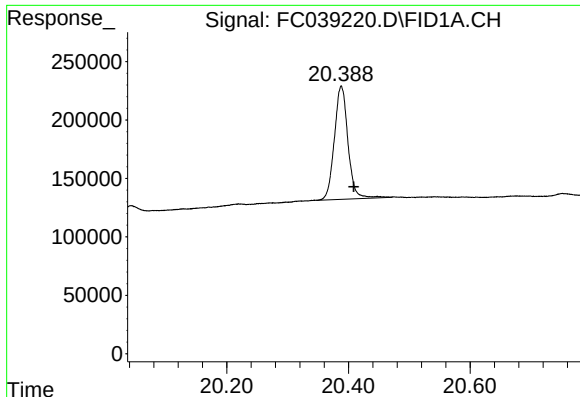
#19 n-Tetratriacontane (C34)

R.T.: 18.953 min
Delta R.T.: -0.022 min
Response: 1954969
Conc: 21.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.689 min
Delta R.T.: -0.023 min
Response: 1634734
Conc: 20.58 ug/ml m



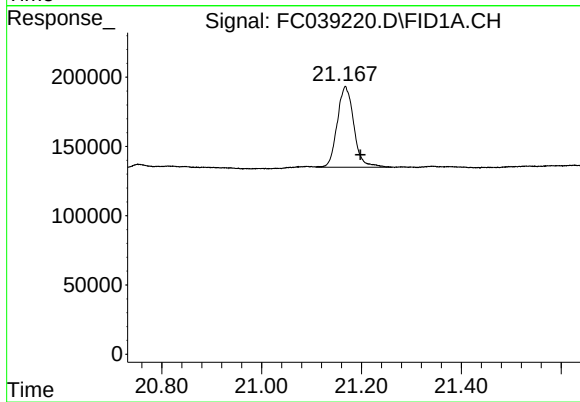
#21 n-Octatriacontane (C38)

R.T.: 20.388 min
Delta R.T.: -0.021 min
Response: 1500351
Conc: 20.43 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.167 min
Delta R.T.: -0.031 min
Response: 1343983
Conc: 18.01 ug/ml m