

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112621AL\
 Data File : FC057095.D
 Signal(s) : FID1A.CH
 Acq On : 26 Nov 2021 11:12
 Operator : AJ\MA
 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 :Ankita Jodhani 11/29/2021
 Supervised By :mohammad ahmed 11/29/2021

Integration File: autoint1.e
 Quant Time: Nov 26 11:37:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.598	2556241	22.028 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
12) S 1-chlorooctadecane (S...	13.031	1984326	21.797 ug/ml
Spiked Amount 50.000		Recovery =	43.59%
Target Compounds			
1) T n-Nonane (C9)	3.357	2298680	22.685 ug/ml
2) T n-Decane (C10)	4.424	2357221	23.539 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2619945	23.463 ug/ml
4) T n-Dodecane (C12)	6.442	2390233	23.574 ug/ml
5) T A~2-methylnaphthalene...	7.072	2601083	23.590 ug/ml
6) T n-Tetradecane (C14)	8.237	2393092	23.619 ug/ml
7) T n-Hexadecane (C16)	9.837	2393366	23.323 ug/ml
8) T n-Octadecane (C18)	11.277	2438736	22.762 ug/ml
10) T n-Eicosane (C20)	12.586	2378957	22.243 ug/ml
11) T n-Heneicosane (C21)	13.196	2373052	21.913 ug/ml
13) T n-Docosane (C22)	13.782	2332611	21.773 ug/ml
14) T n-Tetracosane (C24)	14.883	2280527	21.066 ug/ml
15) T n-Hexacosane (C26)	15.901	2183201	20.496 ug/ml
16) T n-Octacosane (C28)	16.847	2148471	20.142 ug/ml
17) T n-Tricontane (C30)	17.732	2149953	20.171 ug/ml
18) T n-Dotriacontane (C32)	18.561	2122933	20.126 ug/ml
19) T n-Tetratriacontane (C34)	19.342	2119711	20.404 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2060490	20.399 ug/mlm
21) T n-Octatriacontane (C38)	20.809	2041488	22.239 ug/mlm
22) T n-Tetracontane (C40)	21.720	2005911	22.267 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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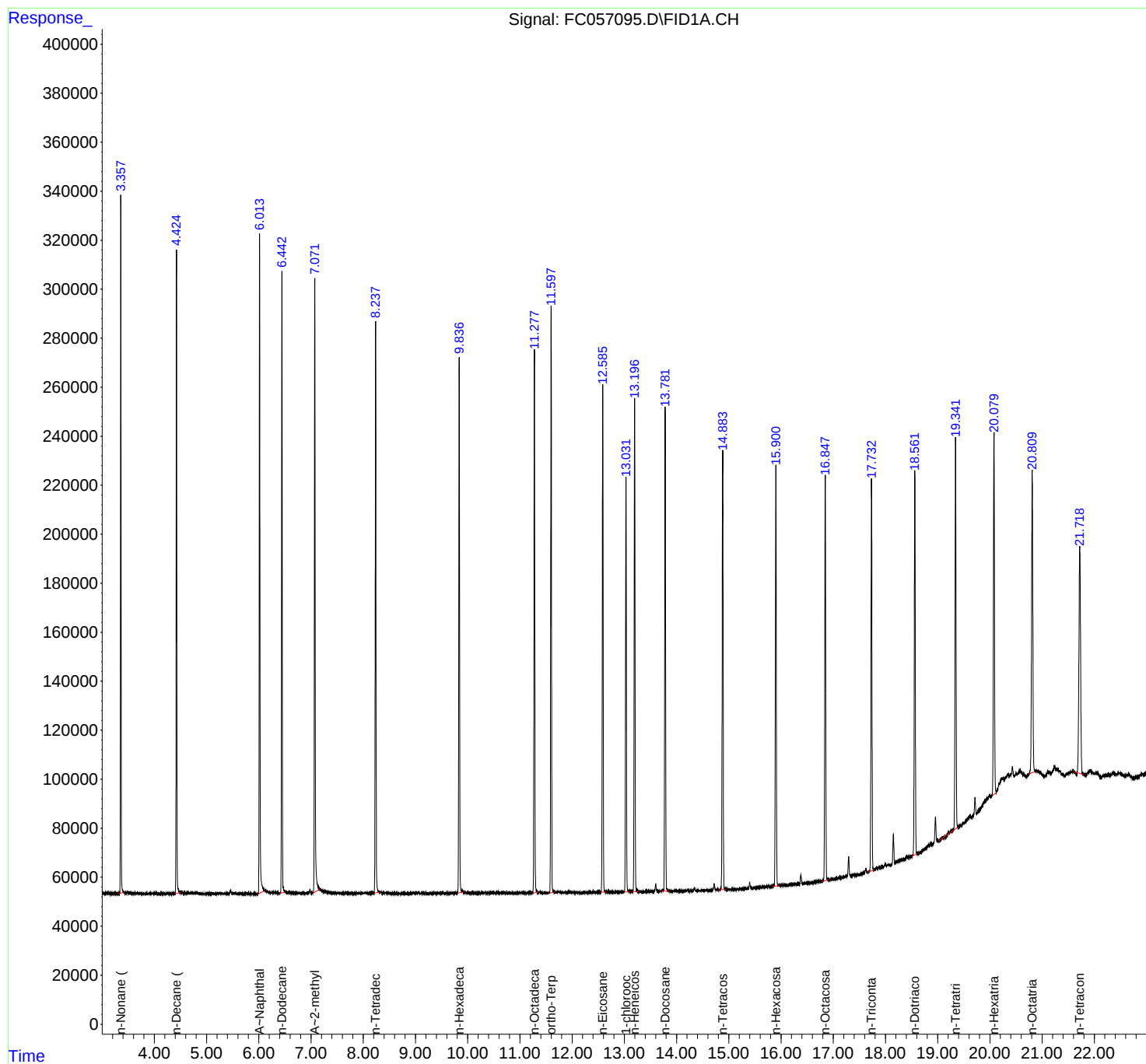
Instrument :
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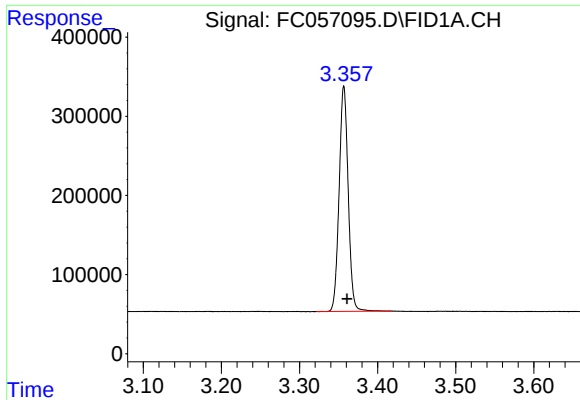
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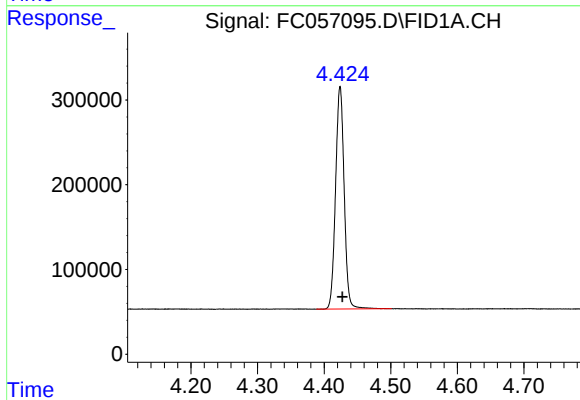
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 2298680
Conc: 22.68 ug/ml

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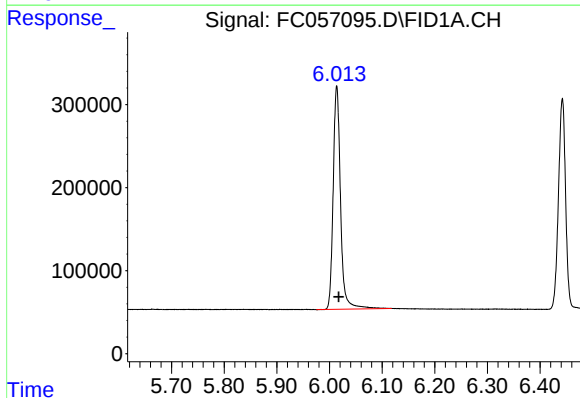
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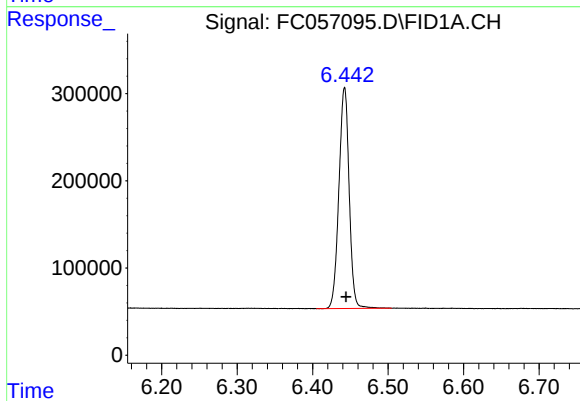
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.004 min
Response: 2357221
Conc: 23.54 ug/ml



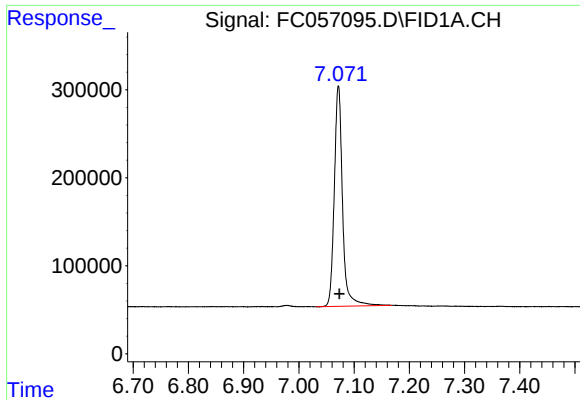
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 2619945
Conc: 23.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 2390233
Conc: 23.57 ug/ml



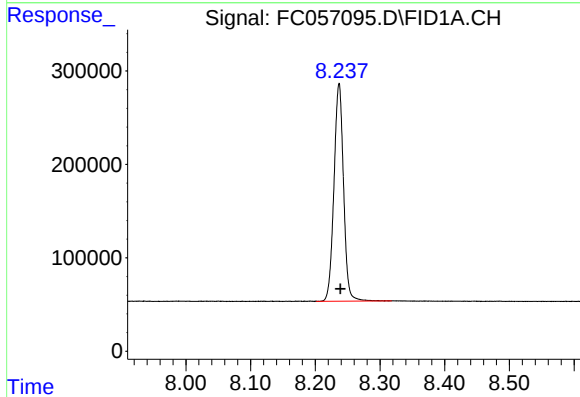
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 2601083
Conc: 23.59 ug/ml

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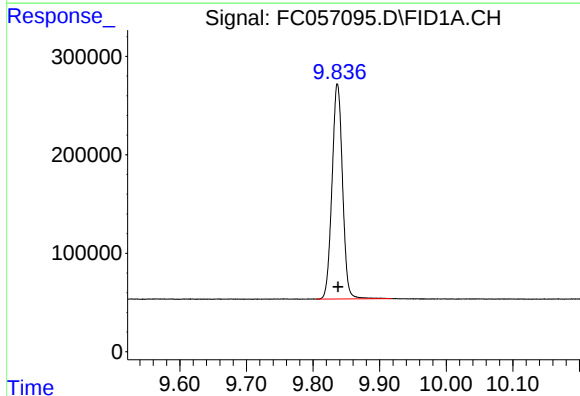
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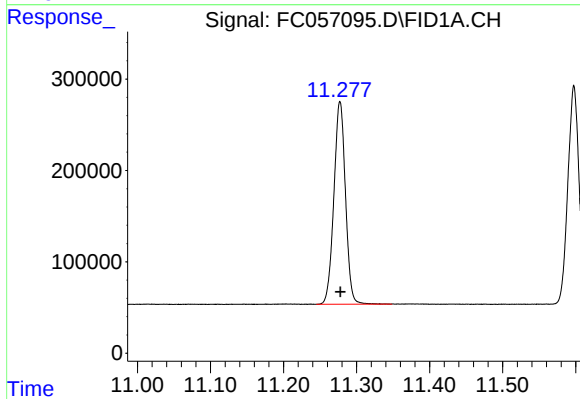
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 2393092
Conc: 23.62 ug/ml



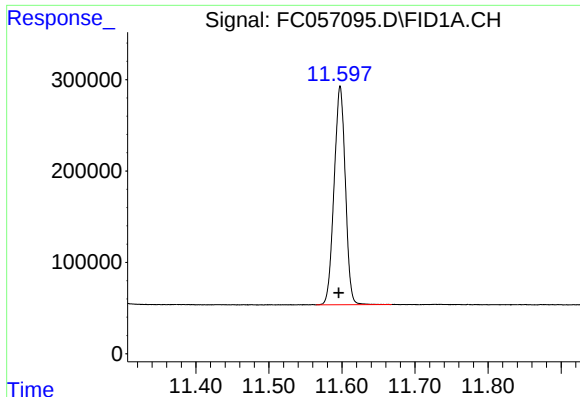
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 2393366
Conc: 23.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 2438736
Conc: 22.76 ug/ml



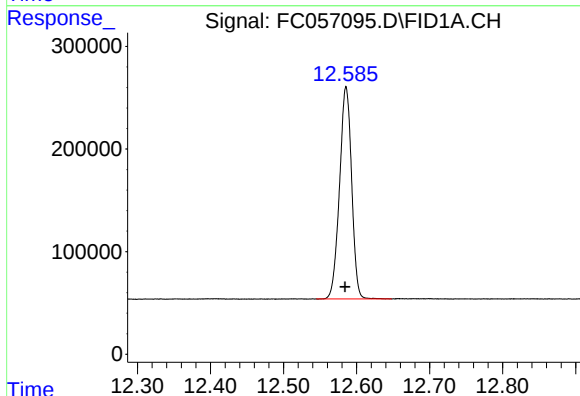
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: 0.002 min
Response: 2556241
Conc: 22.03 ug/ml

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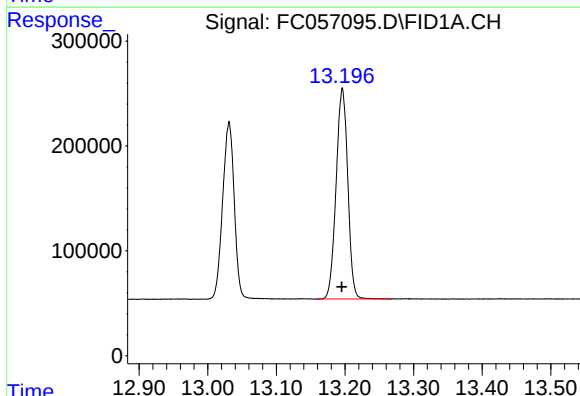
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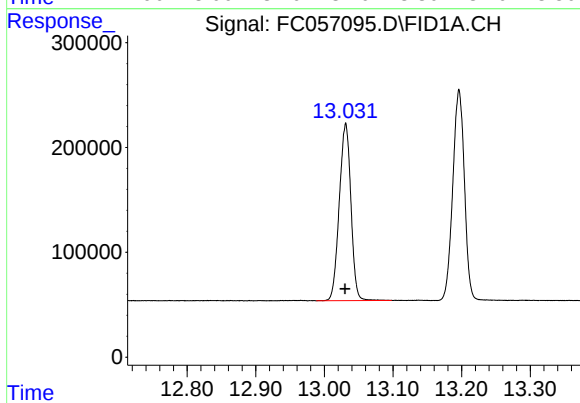
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.001 min
Response: 2378957
Conc: 22.24 ug/ml



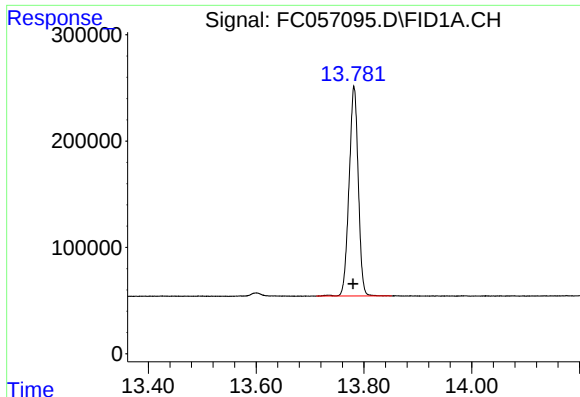
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.000 min
Response: 2373052
Conc: 21.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: 0.001 min
Response: 1984326
Conc: 21.80 ug/ml



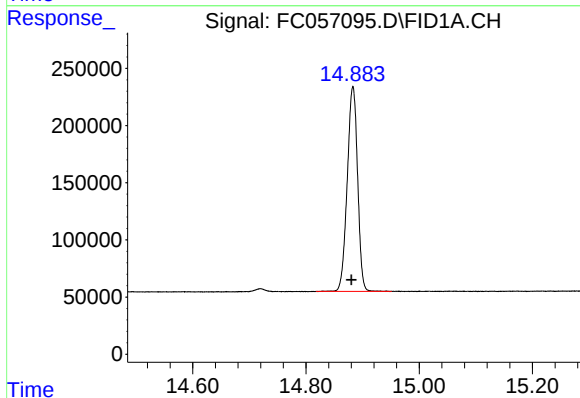
#13 n-Docosane (C22)

R.T.: 13.782 min
Delta R.T.: 0.002 min
Response: 2332611
Conc: 21.77 ug/ml

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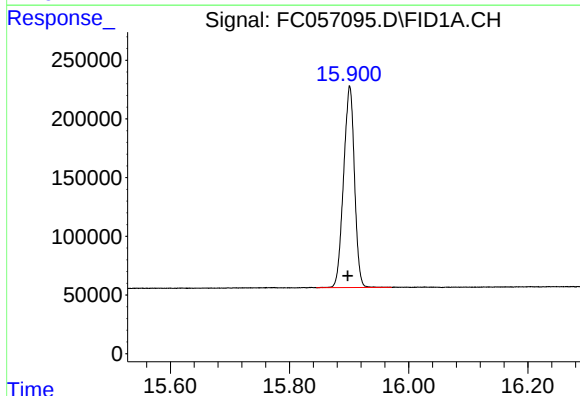
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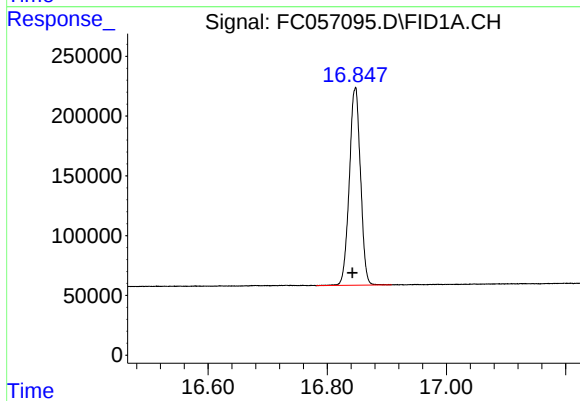
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.002 min
Response: 2280527
Conc: 21.07 ug/ml



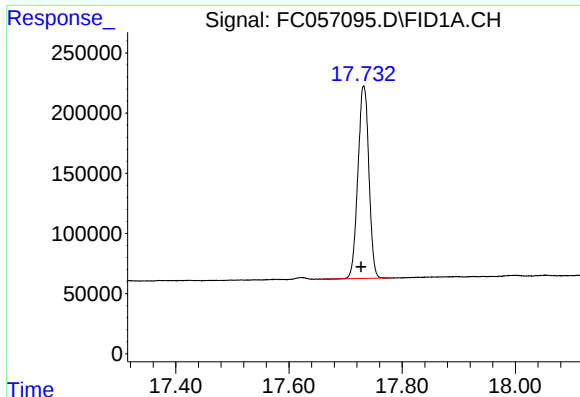
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: 0.003 min
Response: 2183201
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: 0.005 min
Response: 2148471
Conc: 20.14 ug/ml



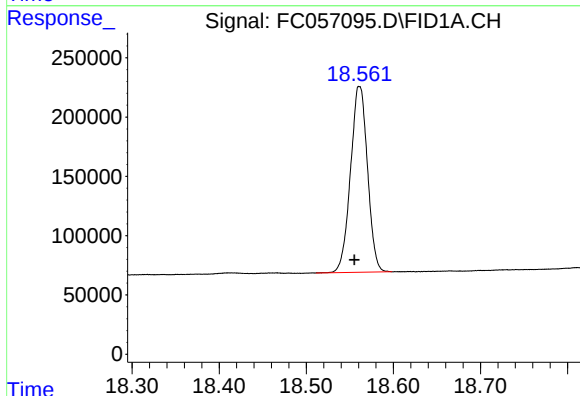
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.005 min
Response: 2149953
Conc: 20.17 ug/ml

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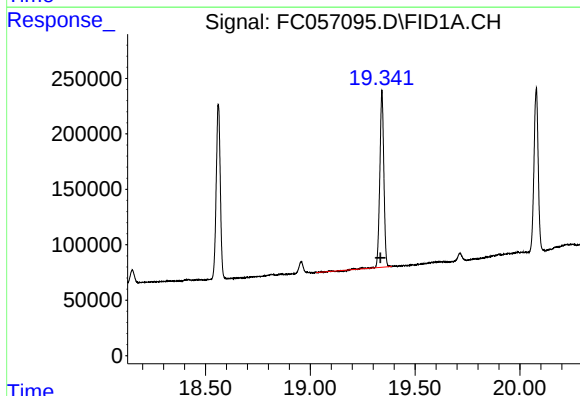
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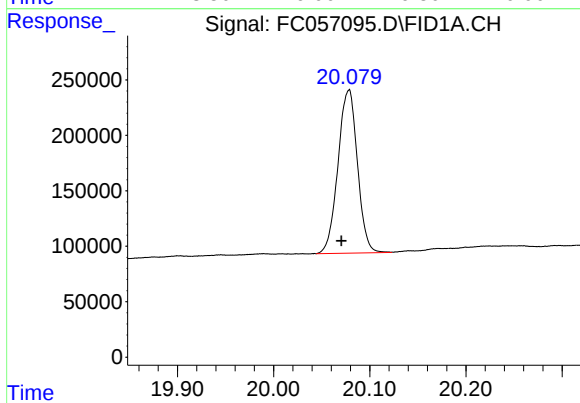
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.006 min
Response: 2122933
Conc: 20.13 ug/ml



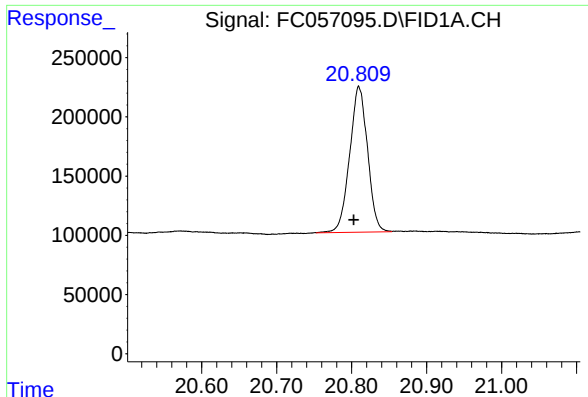
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.007 min
Response: 2119711
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: 0.008 min
Response: 2060490
Conc: 20.40 ug/ml m



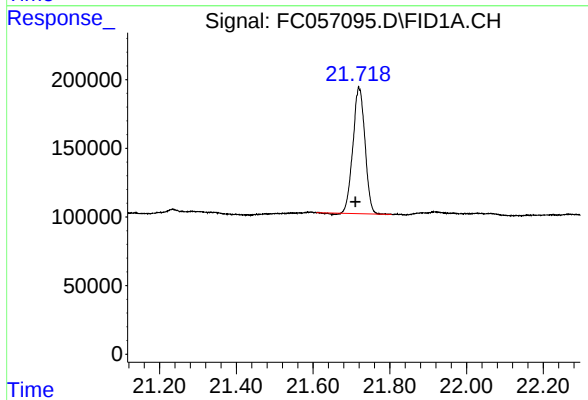
#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: 0.006 min
Response: 2041488
Conc: 22.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: 0.009 min
Response: 2005911
Conc: 22.27 ug/ml