

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060421AL\
 Data File : FC054037.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jun 2021 19:35
 Operator : DD\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

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 6/8/2021 8:49:21 AM

Integration File: autoint1.e
 Quant Time: Jun 07 03:10:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.368	2738533	19.614 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	12.814	2115178	18.866 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.163	2594039	21.956 ug/ml
2) T n-Decane (C10)	4.221	2630185	22.067 ug/ml
3) T A~Naphthalene (C11.7)	5.792	2883589	22.048 ug/ml
4) T n-Dodecane (C12)	6.233	2690883	21.919 ug/ml
5) T A~2-methylnaphthalene...	6.846	2935277	21.988 ug/ml
6) T n-Tetradecane (C14)	8.025	2682200	21.624 ug/ml
7) T n-Hexadecane (C16)	9.622	2613041	20.973 ug/ml
8) T n-Octadecane (C18)	11.064	2659608	20.192 ug/ml
10) T n-Eicosane (C20)	12.371	2589513	19.319 ug/ml
11) T n-Heneicosane (C21)	12.983	2548630	19.002 ug/ml
13) T n-Docosane (C22)	13.568	2509085	18.668 ug/ml
14) T n-Tetracosane (C24)	14.670	2426034	18.069 ug/ml
15) T n-Hexacosane (C26)	15.691	2338657	17.645 ug/ml
16) T n-Octacosane (C28)	16.640	2307071	17.473 ug/ml
17) T n-Tricontane (C30)	17.527	2285150	17.428 ug/ml
18) T n-Dotriacontane (C32)	18.361	2257533	17.500 ug/ml
19) T n-Tetratriacontane (C34)	19.146	2218938	18.189 ug/mlm
20) T n-Hexatriacontane (C36)	19.886	2133637	18.899 ug/mlm
21) T n-Octatriacontane (C38)	20.593	2034165	20.174 ug/mlm
22) T n-Tetracontane (C40)	21.434	2086682	20.676 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

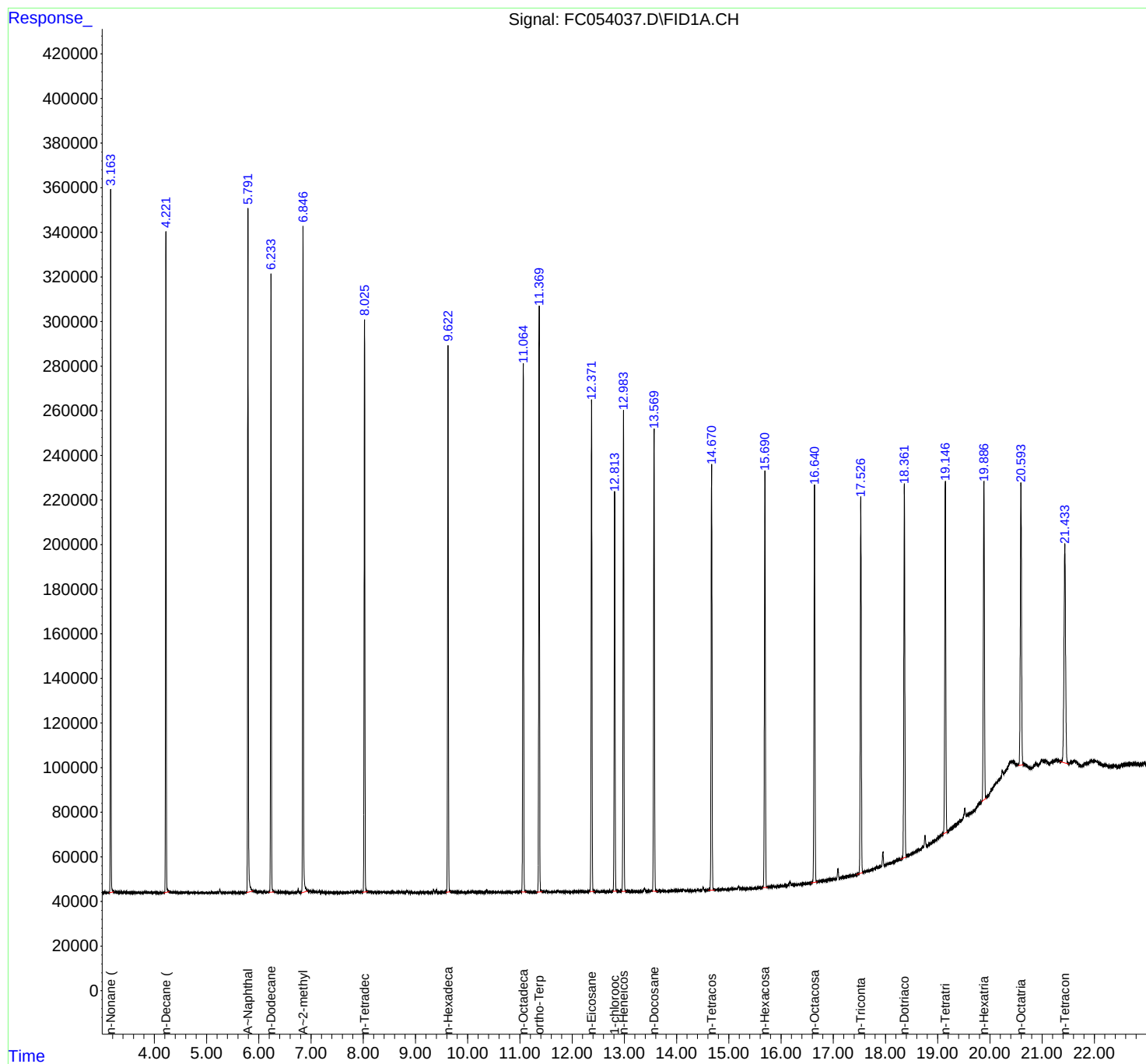
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

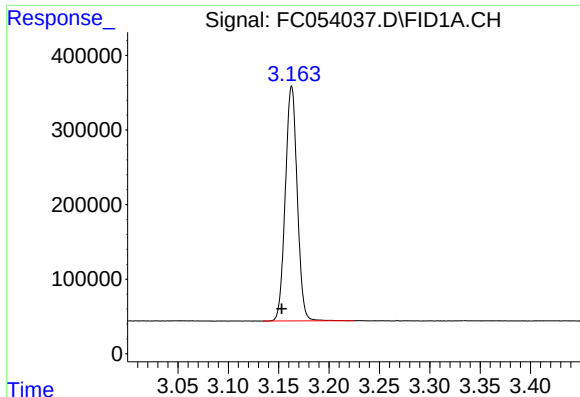
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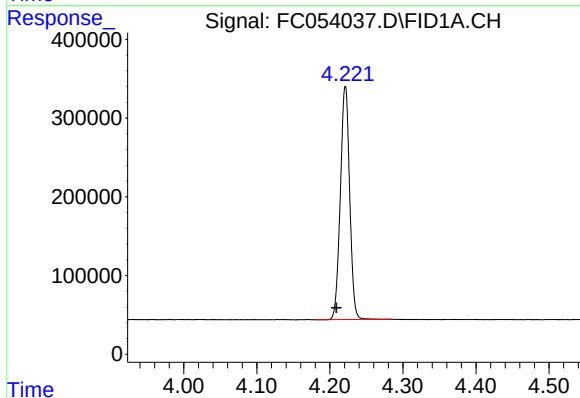
#1 n-Nonane (C9)

R.T.: 3.163 min
Delta R.T.: 0.010 min
Response: 2594039
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

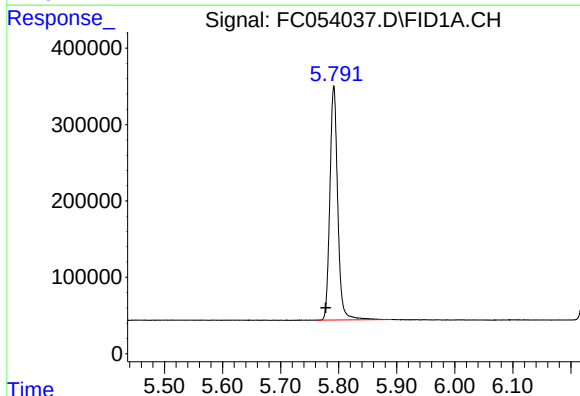
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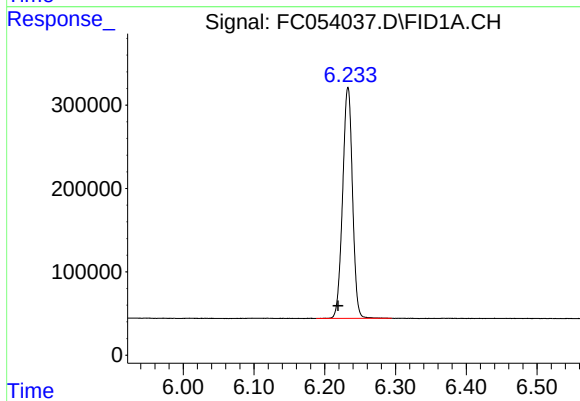
#2 n-Decane (C10)

R.T.: 4.221 min
Delta R.T.: 0.012 min
Response: 2630185
Conc: 22.07 ug/ml



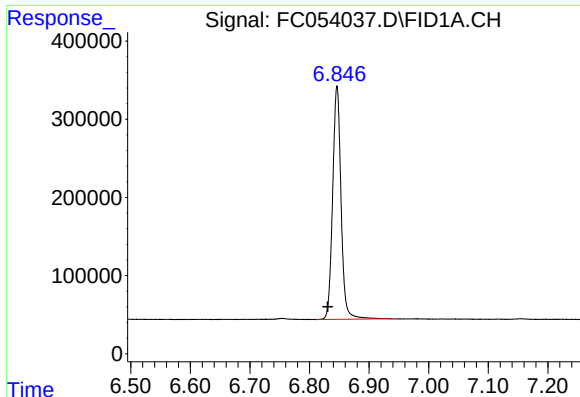
#3 A~Naphthalene (C11.7)

R.T.: 5.792 min
Delta R.T.: 0.014 min
Response: 2883589
Conc: 22.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.233 min
Delta R.T.: 0.014 min
Response: 2690883
Conc: 21.92 ug/ml



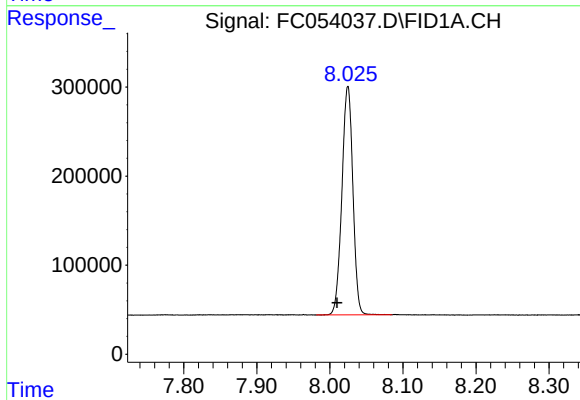
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.015 min
Response: 2935277
Conc: 21.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

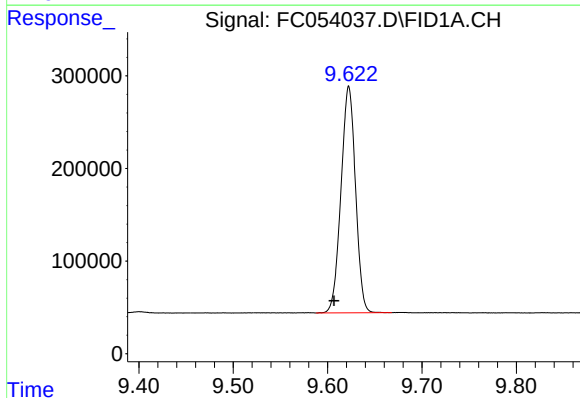
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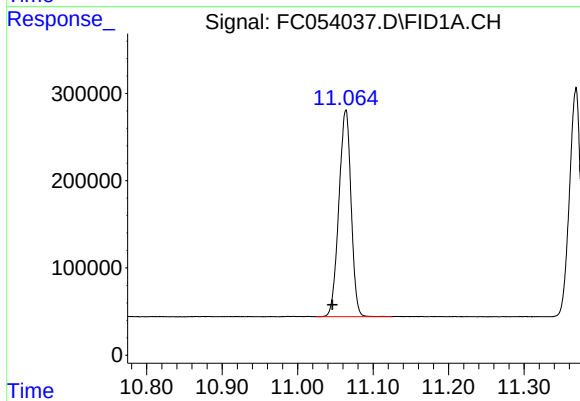
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: 0.015 min
Response: 2682200
Conc: 21.62 ug/ml



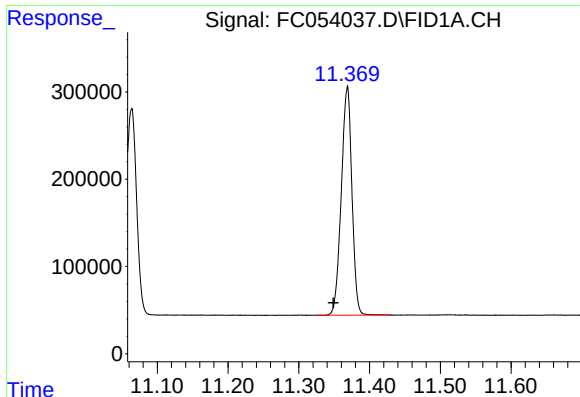
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: 0.016 min
Response: 2613041
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.064 min
Delta R.T.: 0.018 min
Response: 2659608
Conc: 20.19 ug/ml



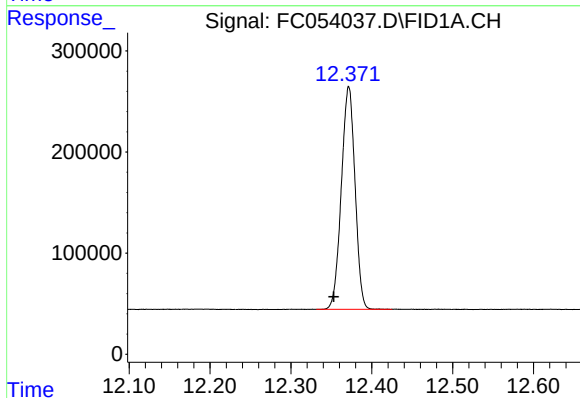
#9 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.019 min
Response: 2738533
Conc: 19.61 ug/ml

Instrument :
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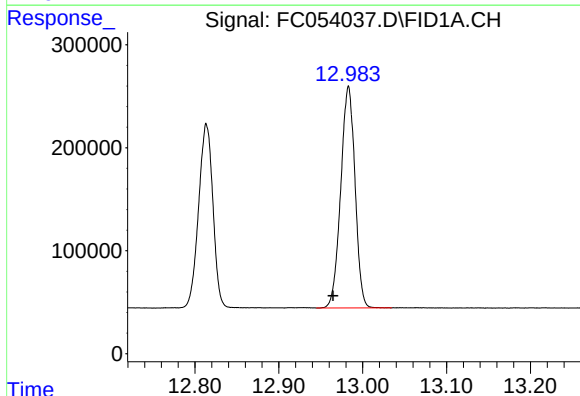
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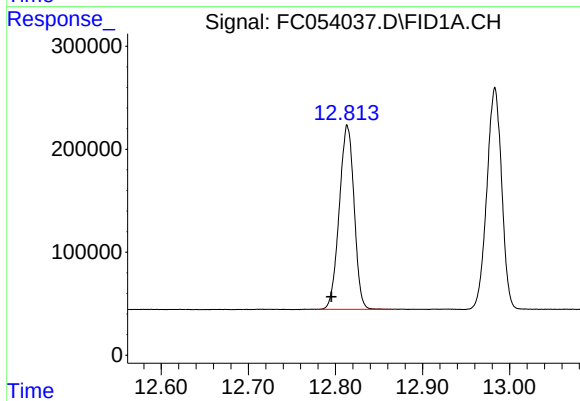
#10 n-Eicosane (C20)

R.T.: 12.371 min
Delta R.T.: 0.018 min
Response: 2589513
Conc: 19.32 ug/ml



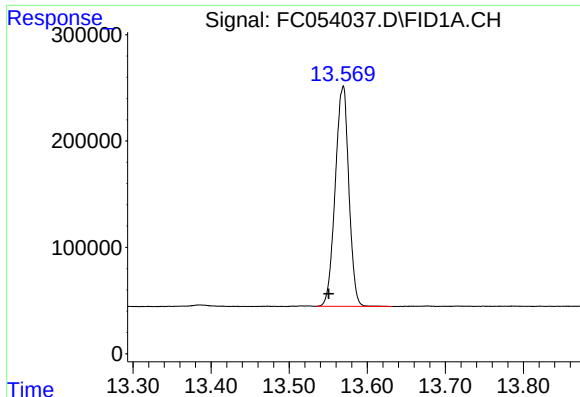
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.018 min
Response: 2548630
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: 0.018 min
Response: 2115178
Conc: 18.87 ug/ml



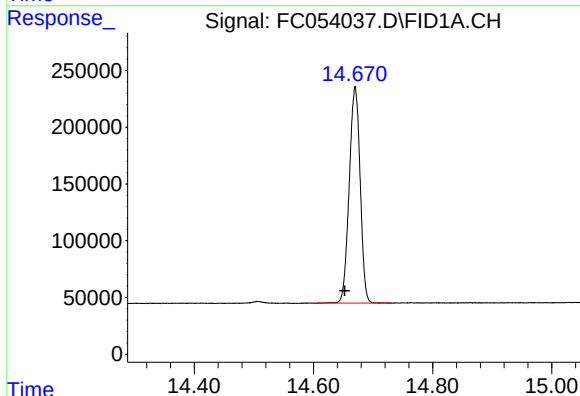
#13 n-Docosane (C22)

R.T.: 13.568 min
Delta R.T.: 0.018 min
Response: 2509085
Conc: 18.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

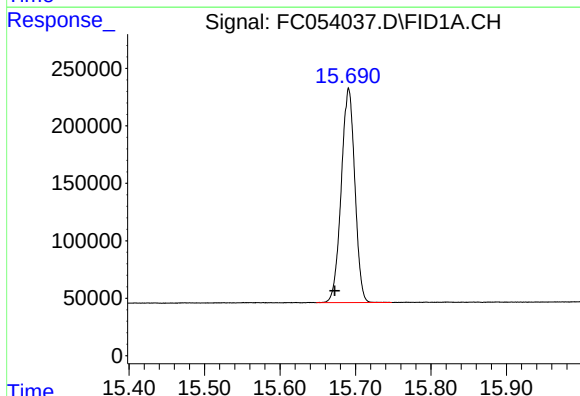
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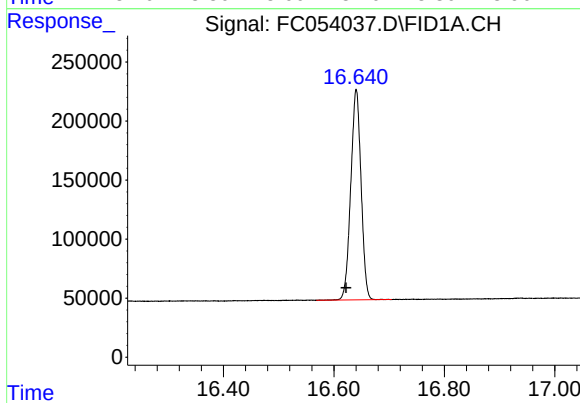
#14 n-Tetracosane (C24)

R.T.: 14.670 min
Delta R.T.: 0.018 min
Response: 2426034
Conc: 18.07 ug/ml



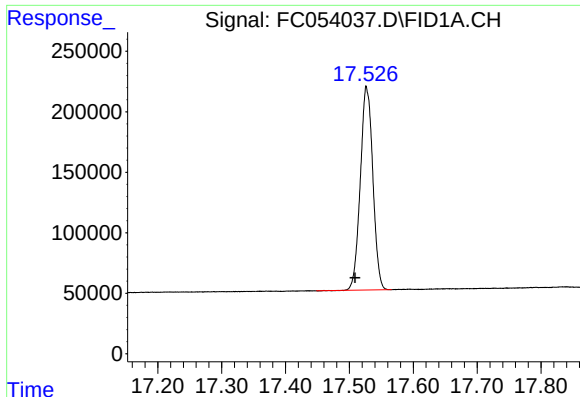
#15 n-Hexacosane (C26)

R.T.: 15.691 min
Delta R.T.: 0.018 min
Response: 2338657
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.640 min
Delta R.T.: 0.018 min
Response: 2307071
Conc: 17.47 ug/ml



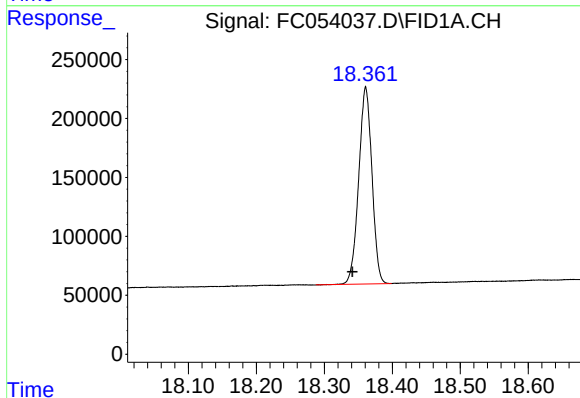
#17 n-Tricontane (C30)

R.T.: 17.527 min
Delta R.T.: 0.018 min
Response: 2285150
Conc: 17.43 ug/ml

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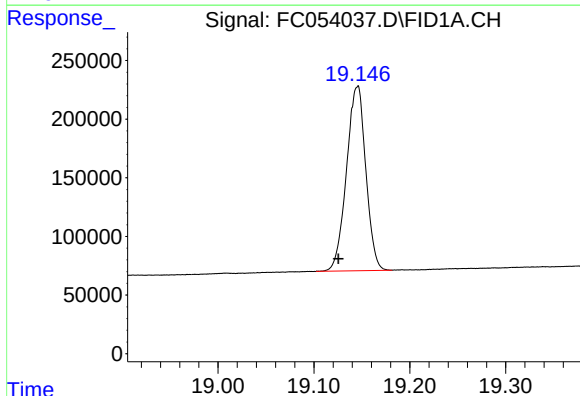
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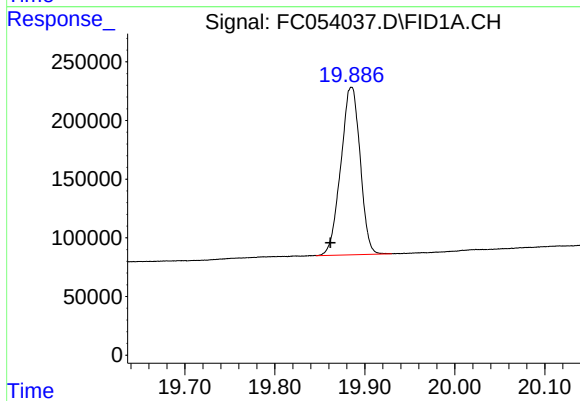
#18 n-Dotriacontane (C32)

R.T.: 18.361 min
Delta R.T.: 0.019 min
Response: 2257533
Conc: 17.50 ug/ml



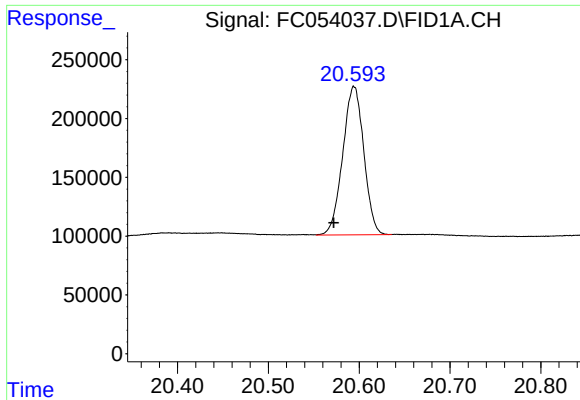
#19 n-Tetratriacontane (C34)

R.T.: 19.146 min
Delta R.T.: 0.021 min
Response: 2218938
Conc: 18.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.886 min
Delta R.T.: 0.024 min
Response: 2133637
Conc: 18.90 ug/ml m



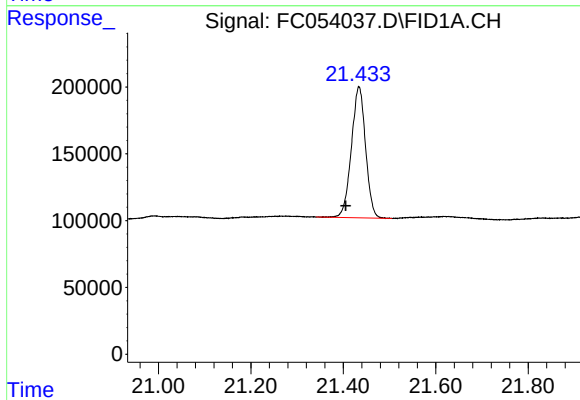
#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: 0.021 min
Response: 2034165
Conc: 20.17 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.434 min
Delta R.T.: 0.028 min
Response: 2086682
Conc: 20.68 ug/ml