

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082019AL\
 Data File : FC043039.D
 Signal(s) : FID1A.CH
 Acq On : 21 Aug 2019 5:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 8/21/2019 3:00:55 PM

Integration File: autoint1.e
 Quant Time: Aug 21 06:34:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.657	2826180	19.896 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.079	2323389	19.574 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.476	2728797	22.005 ug/ml
2) T n-Decane (C10)	4.535	2780992	22.166 ug/ml
3) T A~Naphthalene (C11.7)	6.119	2963557	21.878 ug/ml
4) T n-Dodecane (C12)	6.535	2802980	22.100 ug/ml
5) T A~2-methylnaphthalene...	7.166	2947571	21.668 ug/ml
6) T n-Tetradecane (C14)	8.314	2796092	21.914 ug/ml
7) T n-Hexadecane (C16)	9.902	2792219	21.602 ug/ml
8) T n-Octadecane (C18)	11.334	2766251	20.907 ug/ml
10) T n-Eicosane (C20)	12.635	2728529	20.186 ug/ml
11) T n-Heneicosane (C21)	13.244	2679245	19.820 ug/ml
13) T n-Docosane (C22)	13.826	2638025	19.431 ug/ml
14) T n-Tetracosane (C24)	14.923	2534962	18.617 ug/ml
15) T n-Hexacosane (C26)	15.940	2465901	18.281 ug/ml
16) T n-Octacosane (C28)	16.884	2385697	17.928 ug/ml
17) T n-Tricontane (C30)	17.768	2283906	17.837 ug/ml
18) T n-Dotriacontane (C32)	18.597	2119766	18.180 ug/ml
19) T n-Tetratriacontane (C34)	19.377	1808330	18.822 ug/ml
20) T n-Hexatriacontane (C36)	20.112	1627086	19.614 ug/mlm
21) T n-Octatriacontane (C38)	20.850	1564401	21.146 ug/mlm
22) T n-Tetracontane (C40)	21.769	1586081	21.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

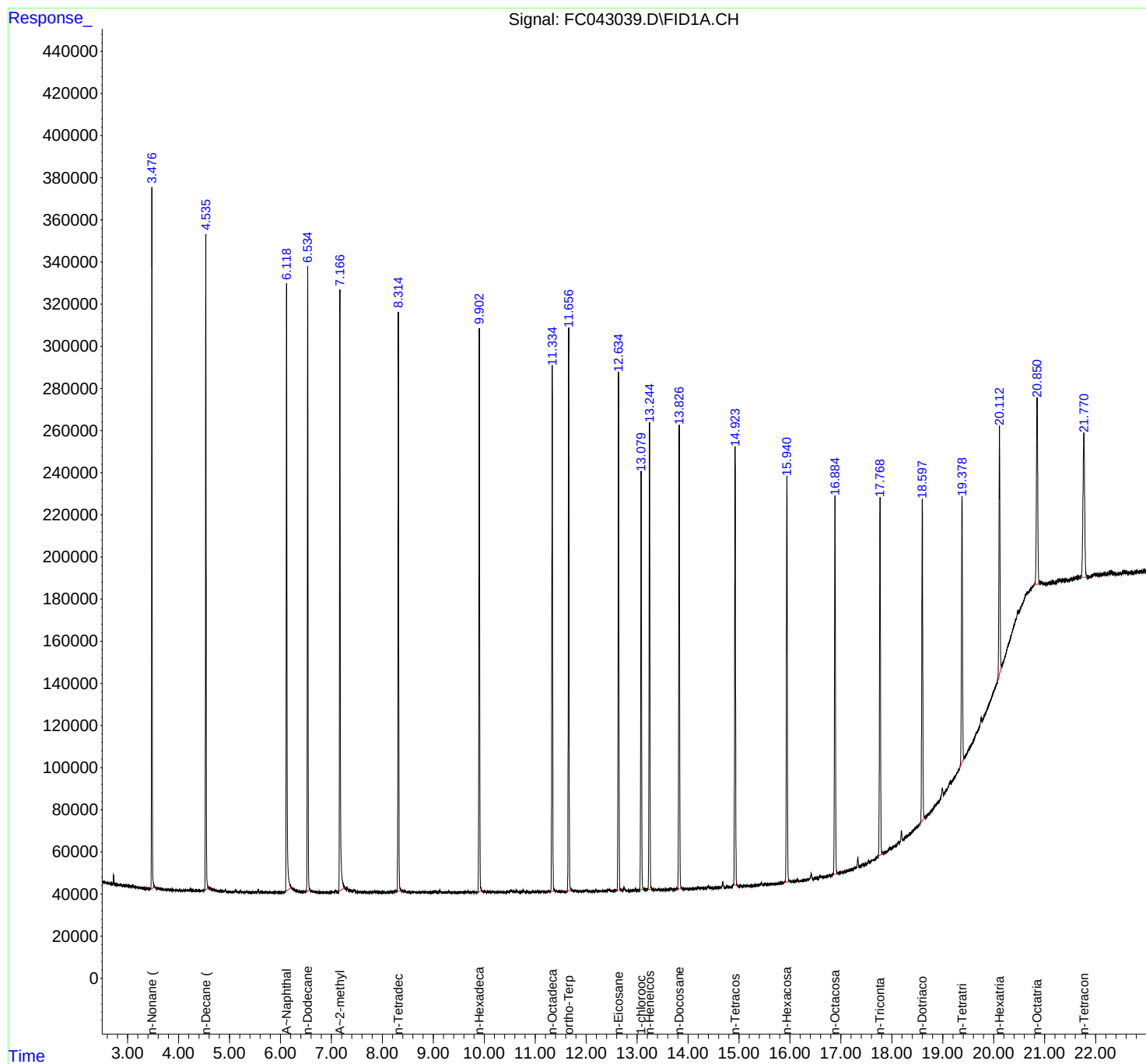
Instrument :
FID_C
ClientSampleId :

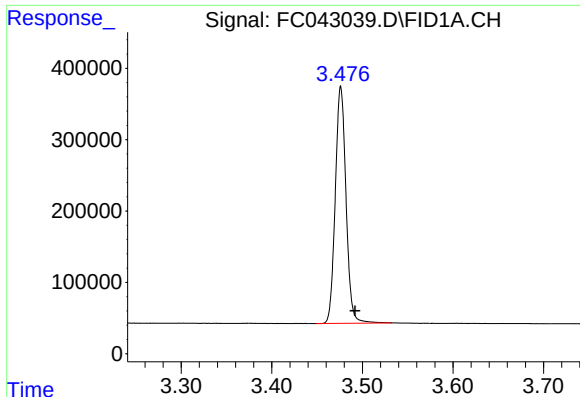
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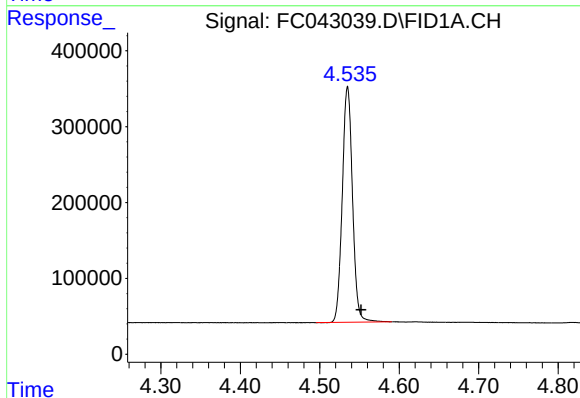
#1 n-Nonane (C9)

R.T.: 3.476 min
Delta R.T.: -0.016 min
Response: 2728797
Conc: 22.00 ug/ml

Instrument :
FID_C
ClientSampleId :

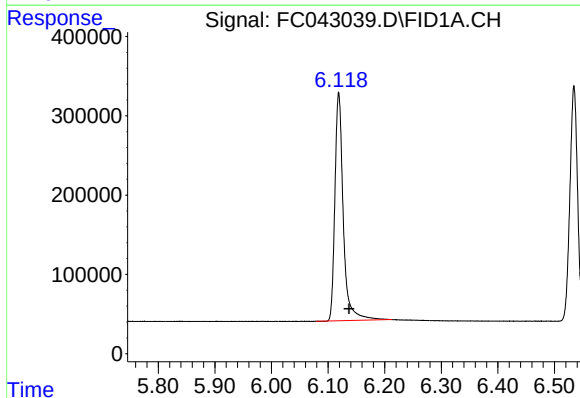
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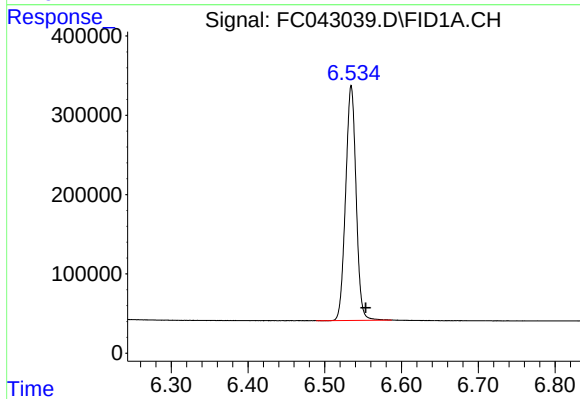
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.017 min
Response: 2780992
Conc: 22.17 ug/ml



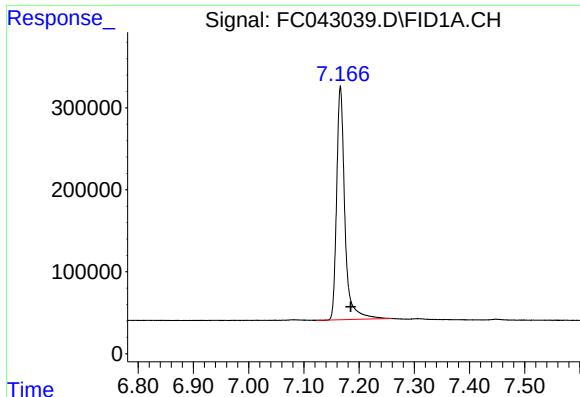
#3 A~Naphthalene (C11.7)

R.T.: 6.119 min
Delta R.T.: -0.018 min
Response: 2963557
Conc: 21.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.535 min
Delta R.T.: -0.019 min
Response: 2802980
Conc: 22.10 ug/ml



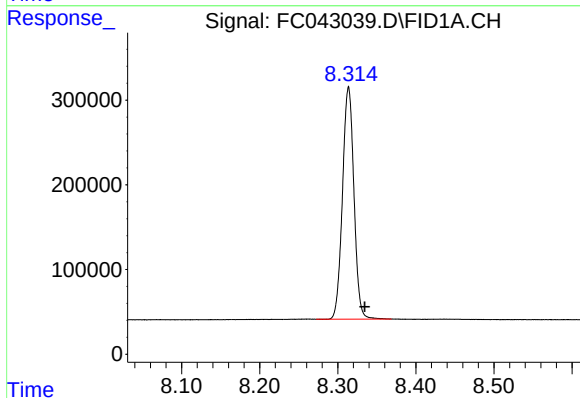
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.166 min
Delta R.T.: -0.019 min
Response: 2947571
Conc: 21.67 ug/ml

Instrument :
FID_C
ClientSampleId :

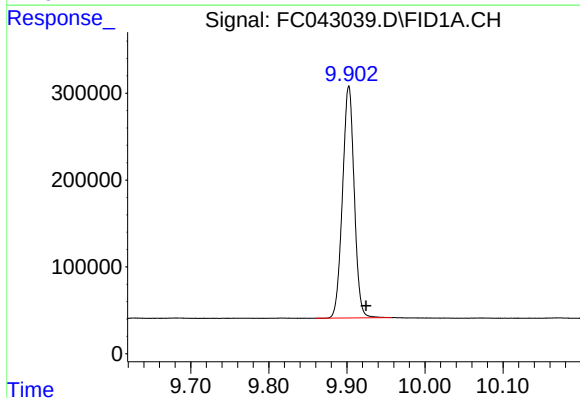
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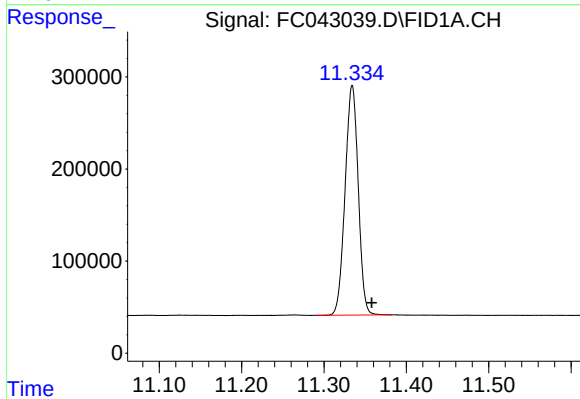
#6 n-Tetradecane (C14)

R.T.: 8.314 min
Delta R.T.: -0.021 min
Response: 2796092
Conc: 21.91 ug/ml



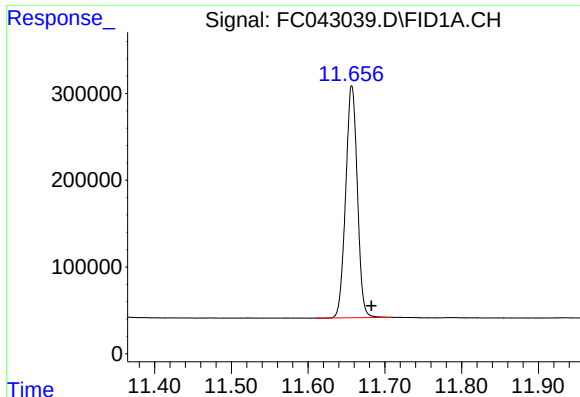
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: -0.022 min
Response: 2792219
Conc: 21.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.334 min
Delta R.T.: -0.024 min
Response: 2766251
Conc: 20.91 ug/ml



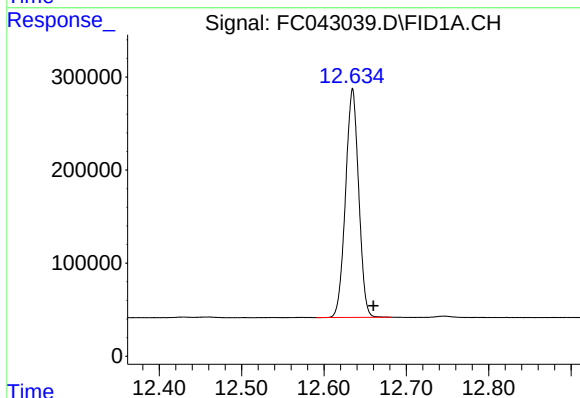
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.026 min
Response: 2826180
Conc: 19.90 ug/ml

Instrument :
FID_C
ClientSampleId :

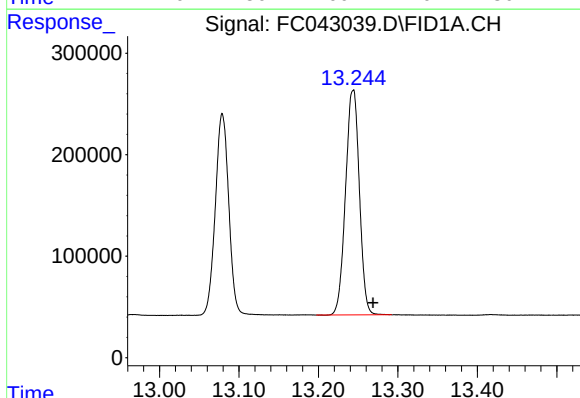
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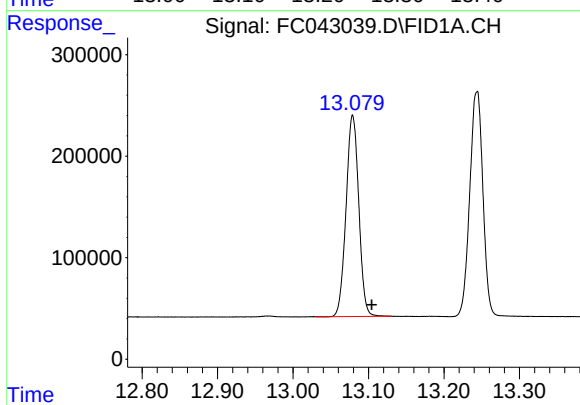
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.025 min
Response: 2728529
Conc: 20.19 ug/ml



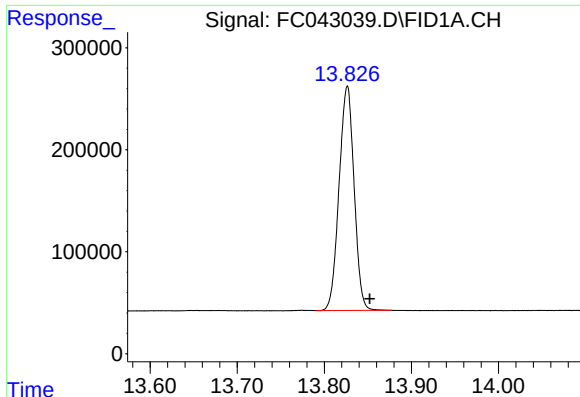
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.025 min
Response: 2679245
Conc: 19.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: -0.025 min
Response: 2323389
Conc: 19.57 ug/ml



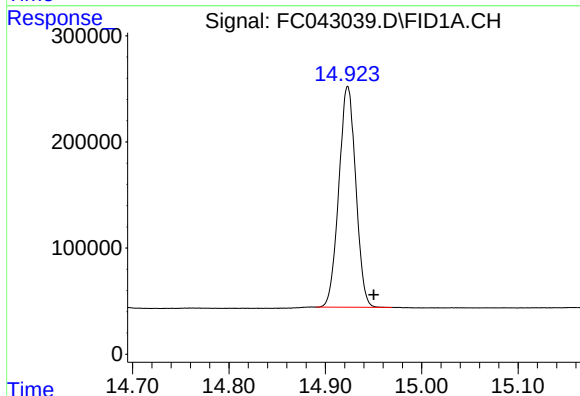
#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: -0.026 min
Response: 2638025
Conc: 19.43 ug/ml

Instrument :
FID_C
ClientSampleId :

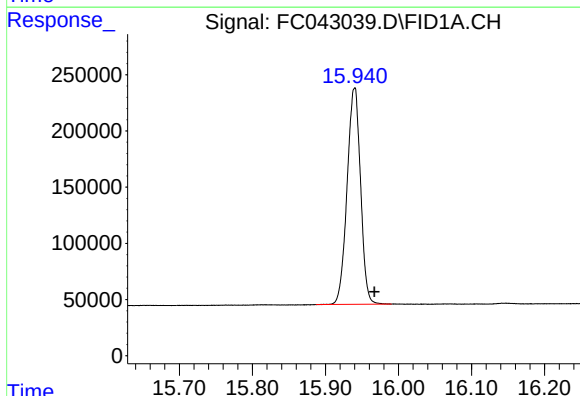
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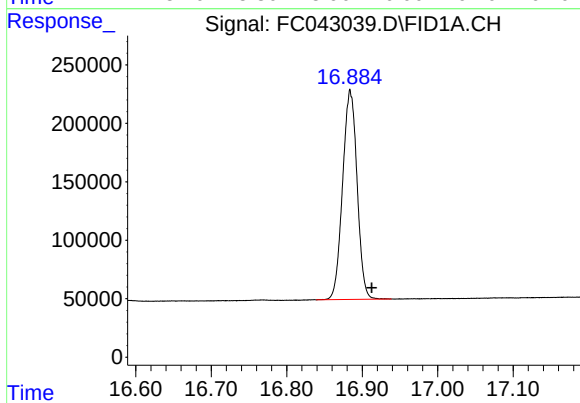
#14 n-Tetracosane (C24)

R.T.: 14.923 min
Delta R.T.: -0.027 min
Response: 2534962
Conc: 18.62 ug/ml



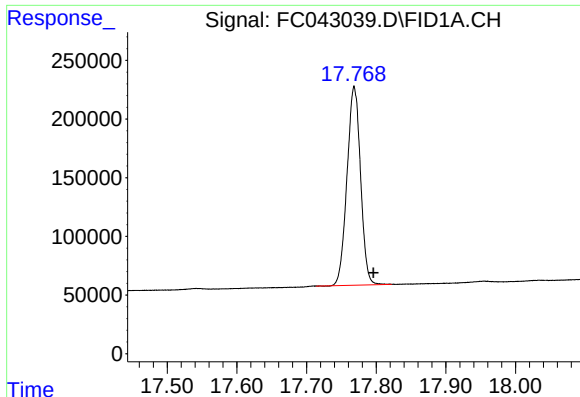
#15 n-Hexacosane (C26)

R.T.: 15.940 min
Delta R.T.: -0.027 min
Response: 2465901
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.029 min
Response: 2385697
Conc: 17.93 ug/ml



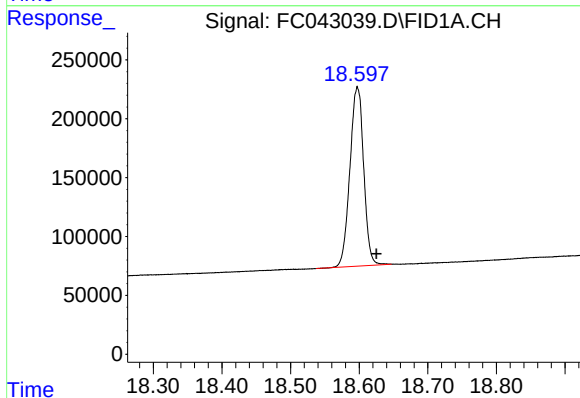
#17 n-Tricontane (C30)

R.T.: 17.768 min
Delta R.T.: -0.028 min
Response: 2283906
Conc: 17.84 ug/ml

Instrument :
FID_C
ClientSampleId :

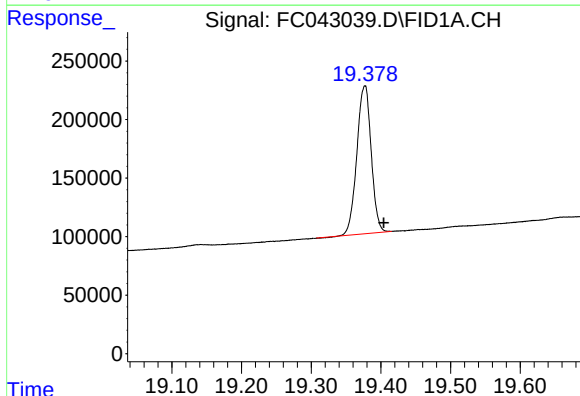
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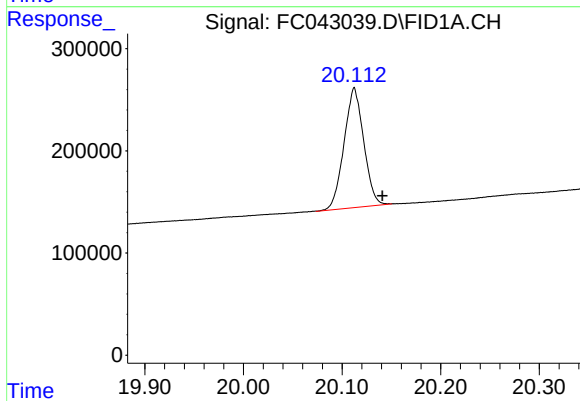
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.027 min
Response: 2119766
Conc: 18.18 ug/ml



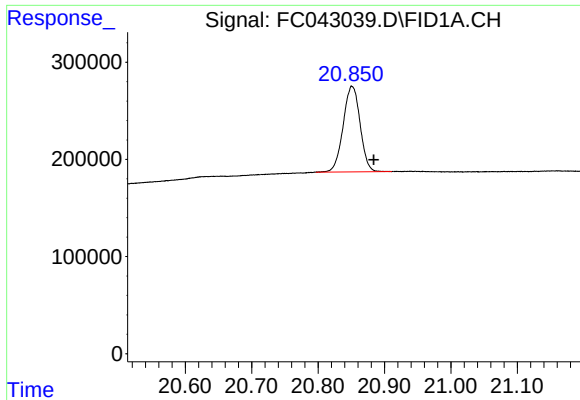
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: -0.027 min
Response: 1808330
Conc: 18.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.112 min
Delta R.T.: -0.029 min
Response: 1627086
Conc: 19.61 ug/ml m



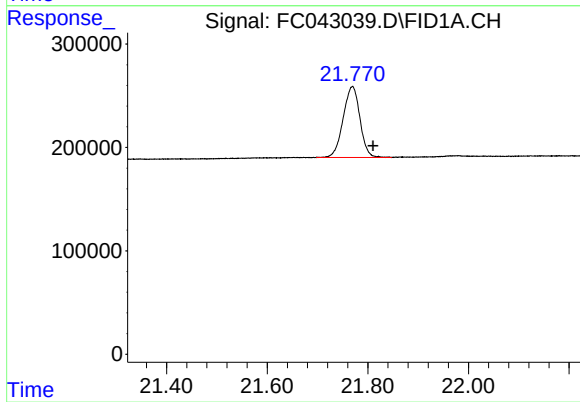
#21 n-Octatriacontane (C38)

R.T.: 20.850 min
Delta R.T.: -0.034 min
Response: 1564401
Conc: 21.15 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.769 min
Delta R.T.: -0.041 min
Response: 1586081
Conc: 21.96 ug/ml