

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041621AL\
 Data File : FC053252.D
 Signal(s) : FID1A.CH
 Acq On : 17 Apr 2021 8:52
 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

Ankita
 4/20/2021 9:13:31 AM

Integration File: sample.E
 Quant Time: Apr 19 00:40:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.555	2522693	17.462 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
12) S 1-chlorooctadecane (S...	12.995	1975362	17.096 ug/ml
Spiked Amount 50.000		Recovery =	34.19%
Target Compounds			
1) T n-Nonane (C9)	3.308	2462536	19.675 ug/ml
2) T n-Decane (C10)	4.373	2488502	19.767 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2720654	19.531 ug/ml
4) T n-Dodecane (C12)	6.394	2545585	19.876 ug/ml
5) T A~2-methylnaphthalene...	7.018	2739844	19.382 ug/ml
6) T n-Tetradecane (C14)	8.193	2516911	19.561 ug/ml
7) T n-Hexadecane (C16)	9.796	2440238	19.086 ug/ml
8) T n-Octadecane (C18)	11.240	2476748	18.314 ug/ml
10) T n-Eicosane (C20)	12.551	2397437	17.454 ug/ml
11) T n-Heneicosane (C21)	13.163	2341101	17.038 ug/ml
13) T n-Docosane (C22)	13.751	2273558	16.494 ug/ml
14) T n-Tetracosane (C24)	14.855	2160864	15.672 ug/ml
15) T n-Hexacosane (C26)	15.877	2036438	15.018 ug/ml
16) T n-Octacosane (C28)	16.828	1992381	14.947 ug/mlm
17) T n-Tricontane (C30)	17.716	1931203	15.048 ug/ml
18) T n-Dotriacontane (C32)	18.550	1902287	15.923 ug/ml
19) T n-Tetratriacontane (C34)	19.334	1889940	17.065 ug/ml
20) T n-Hexatriacontane (C36)	20.073	1861816	18.450 ug/ml
21) T n-Octatriacontane (C38)	20.807	1832528	20.569 ug/ml
22) T n-Tetracontane (C40)	21.709	1892575	23.641 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

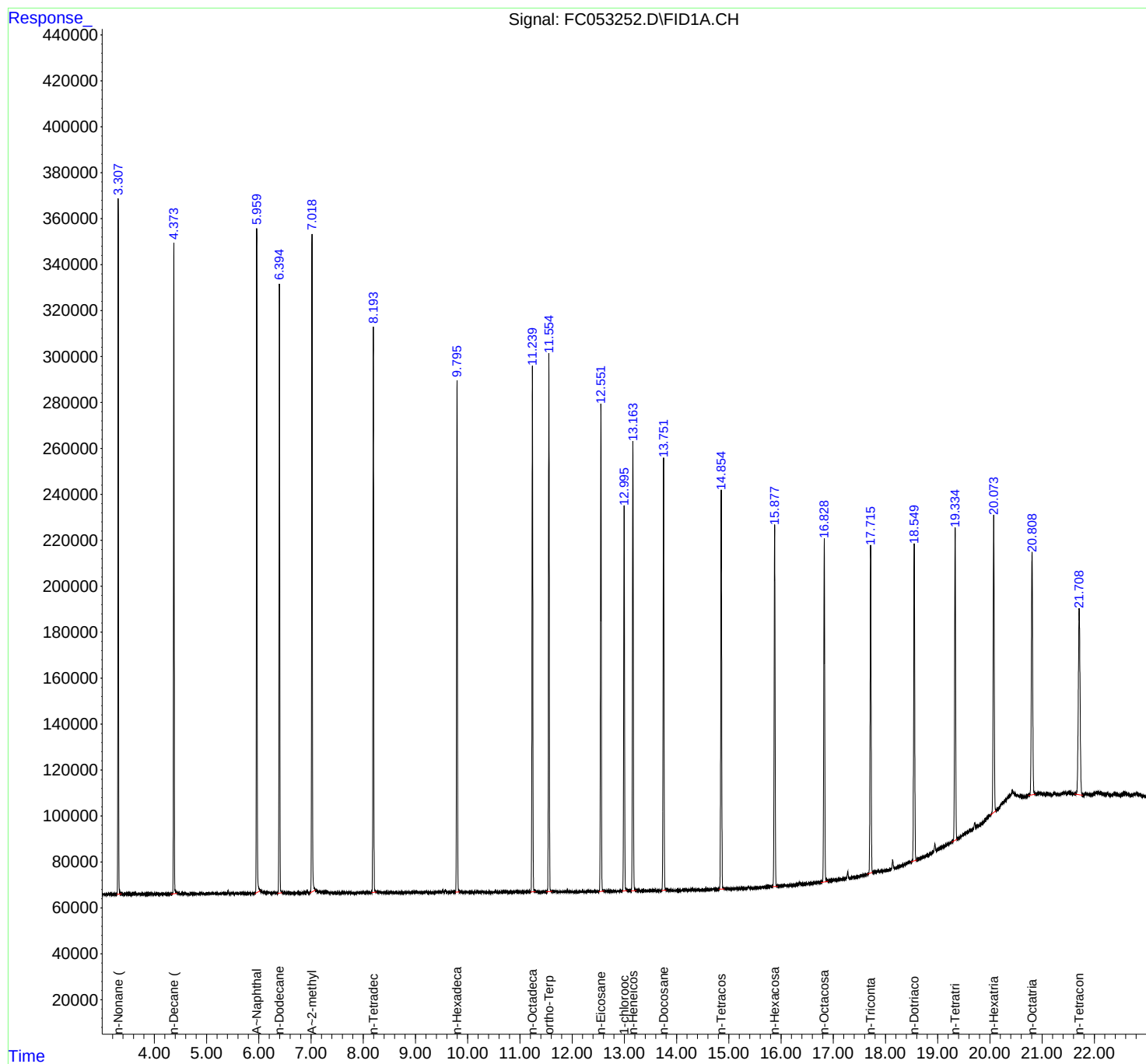
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

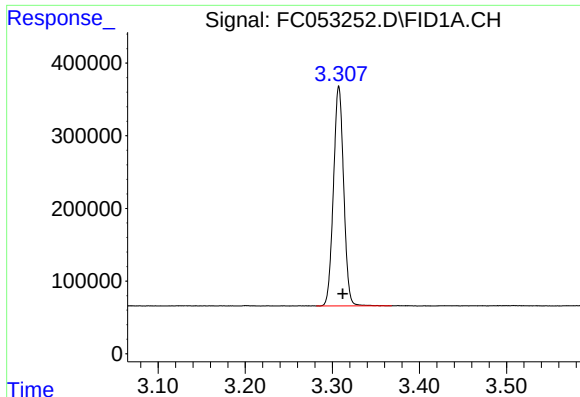
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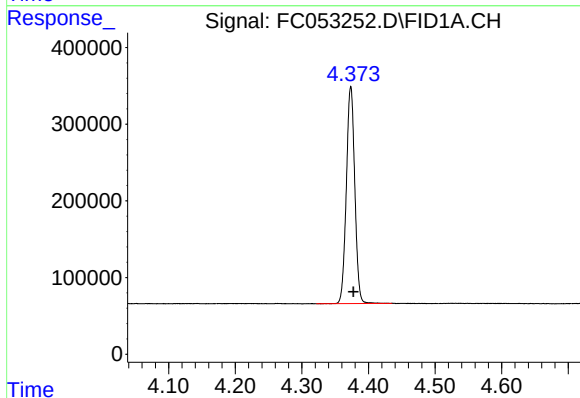
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.004 min
Response: 2462536
Conc: 19.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

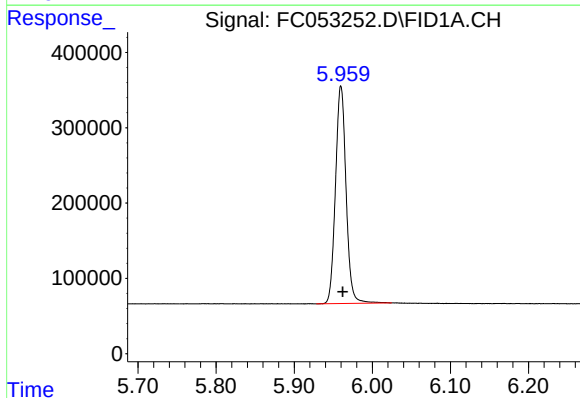
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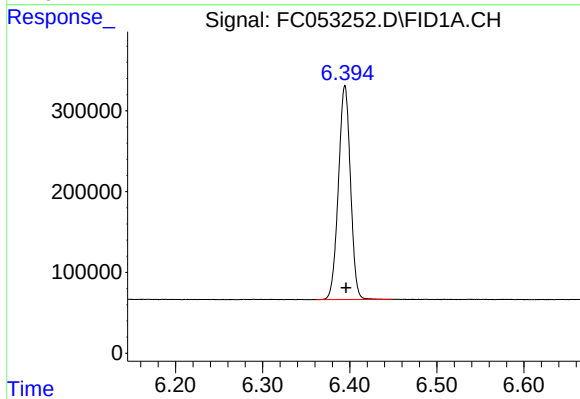
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 2488502
Conc: 19.77 ug/ml



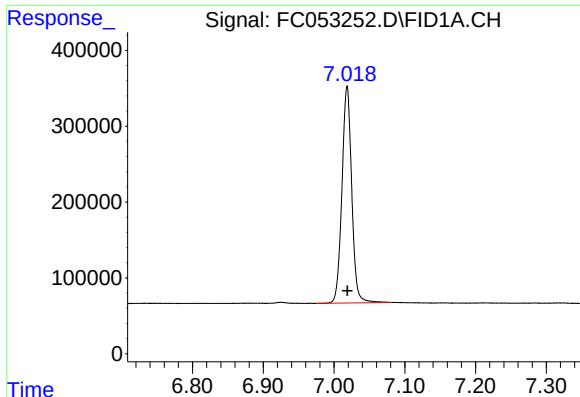
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2720654
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 2545585
Conc: 19.88 ug/ml



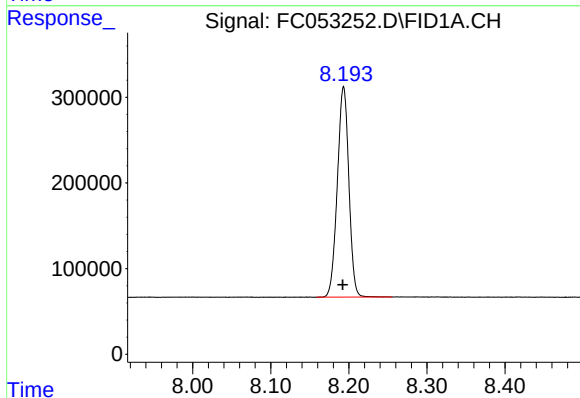
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 2739844
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

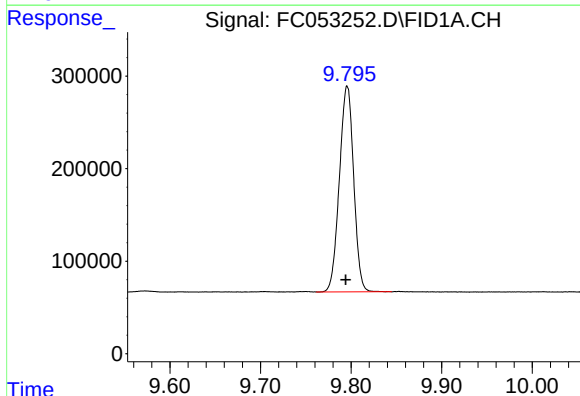
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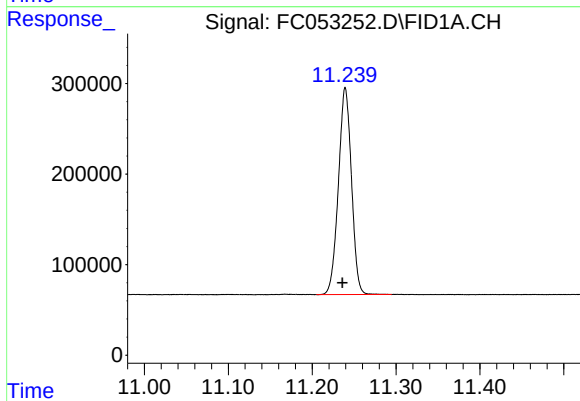
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 2516911
Conc: 19.56 ug/ml



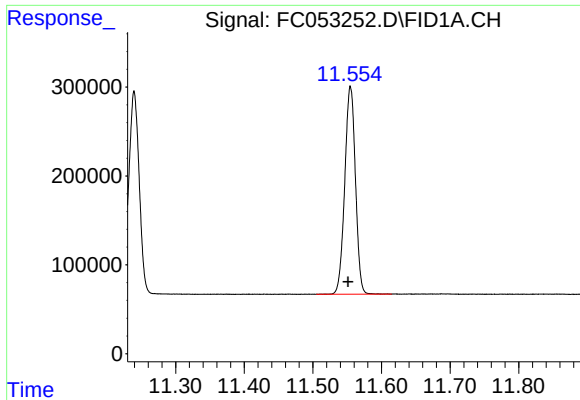
#7 n-Hexadecane (C16)

R.T.: 9.796 min
Delta R.T.: 0.001 min
Response: 2440238
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: 0.004 min
Response: 2476748
Conc: 18.31 ug/ml



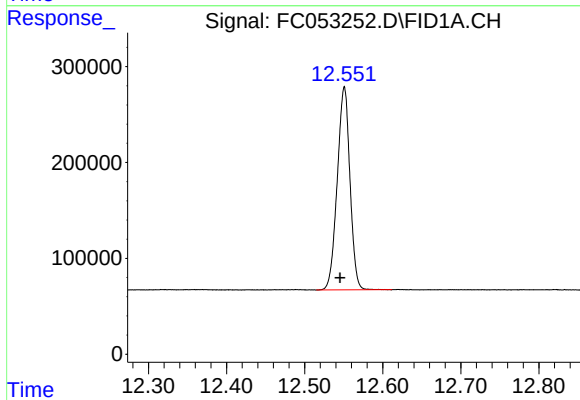
#9 ortho-Terphenyl (SURR)

R.T.: 11.555 min
Delta R.T.: 0.003 min
Response: 2522693
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

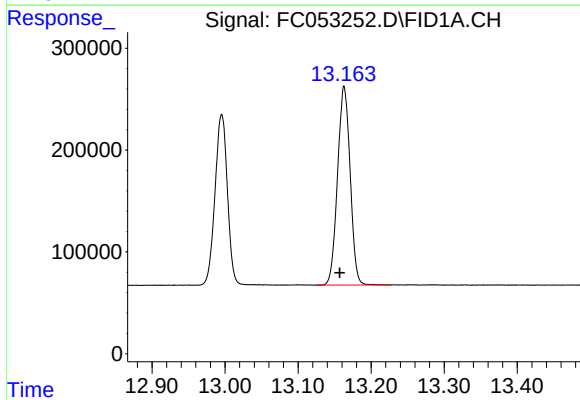
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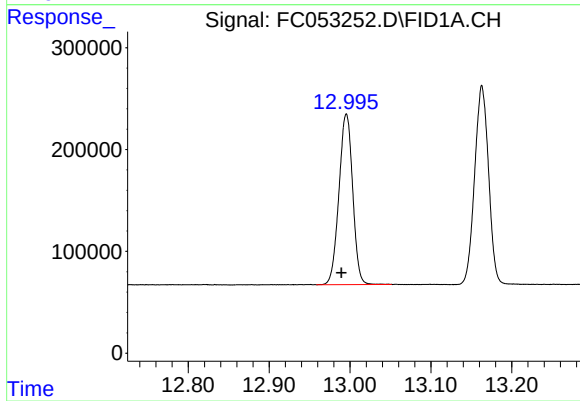
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: 0.005 min
Response: 2397437
Conc: 17.45 ug/ml



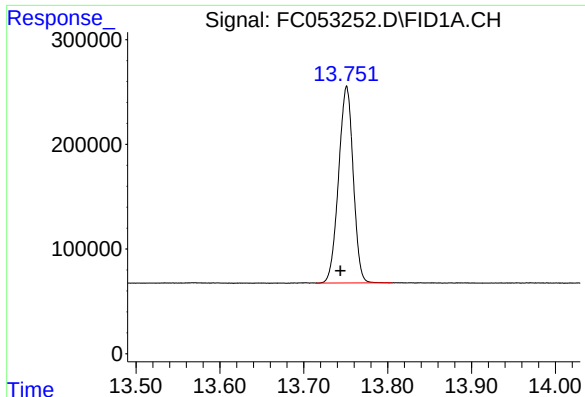
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: 0.006 min
Response: 2341101
Conc: 17.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: 0.006 min
Response: 1975362
Conc: 17.10 ug/ml



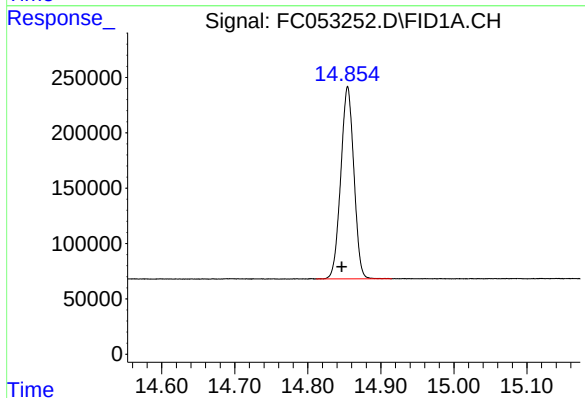
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: 0.007 min
Response: 2273558
Conc: 16.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

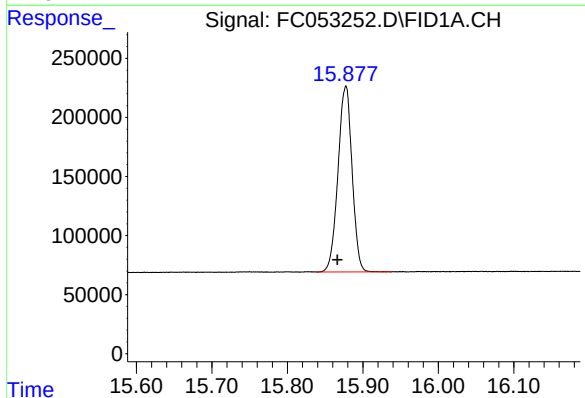
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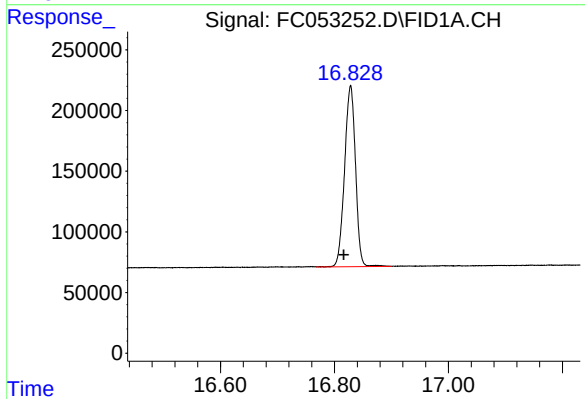
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: 0.008 min
Response: 2160864
Conc: 15.67 ug/ml



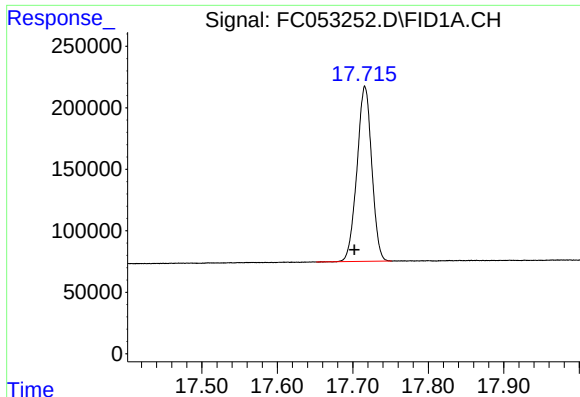
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: 0.011 min
Response: 2036438
Conc: 15.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: 0.012 min
Response: 1992381
Conc: 14.95 ug/ml m



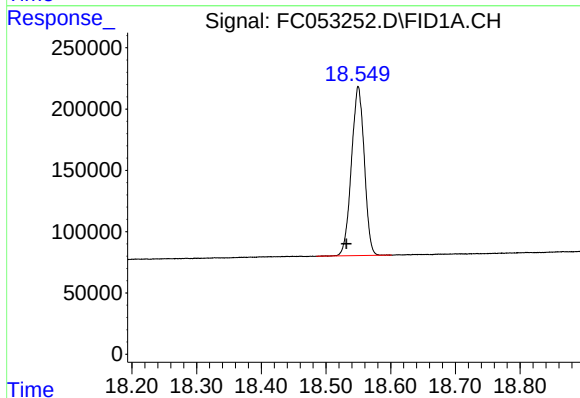
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: 0.014 min
Response: 1931203
Conc: 15.05 ug/ml

Instrument :
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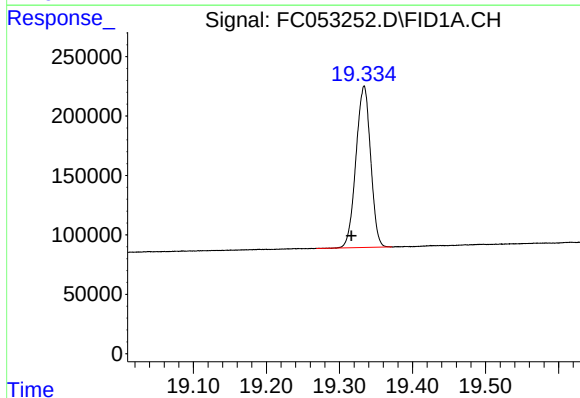
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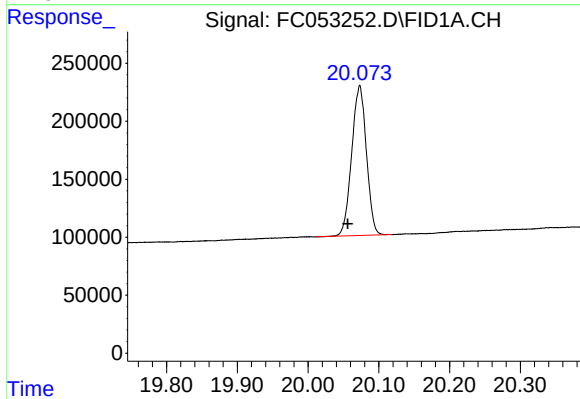
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: 0.018 min
Response: 1902287
Conc: 15.92 ug/ml



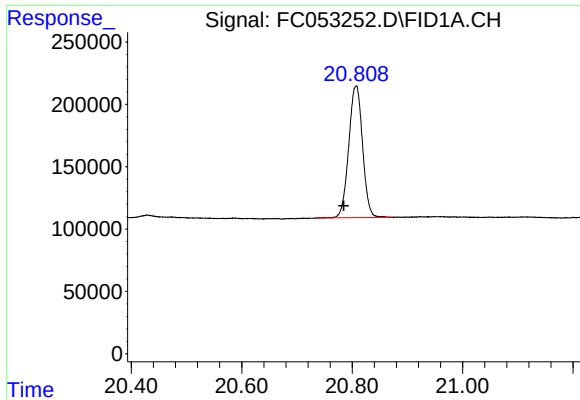
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.017 min
Response: 1889940
Conc: 17.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.017 min
Response: 1861816
Conc: 18.45 ug/ml



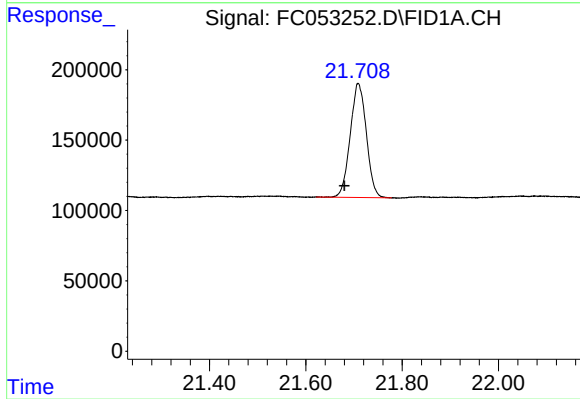
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.022 min
Response: 1832528
Conc: 20.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.029 min
Response: 1892575
Conc: 23.64 ug/ml