

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056544.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2021 19:51
 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 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Nov 01 02:04:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.620	2370053	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.051	1820719	18.922 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
Target Compounds			
1) T n-Nonane (C9)	3.378	2353796	21.747 ug/ml
2) T n-Decane (C10)	4.445	2388146	22.170 ug/ml
3) T A~Naphthalene (C11.7)	6.036	2655474	21.780 ug/ml
4) T n-Dodecane (C12)	6.463	2414662	21.904 ug/ml
5) T A~2-methylnaphthalene...	7.094	2648338	21.626 ug/ml
6) T n-Tetradecane (C14)	8.259	2403046	21.405 ug/ml
7) T n-Hexadecane (C16)	9.859	2369911	20.845 ug/ml
8) T n-Octadecane (C18)	11.299	2353490	20.140 ug/ml
10) T n-Eicosane (C20)	12.605	2233881	19.437 ug/ml
11) T n-Heneicosane (C21)	13.217	2194107	19.092 ug/ml
13) T n-Docosane (C22)	13.802	2133903	18.954 ug/ml
14) T n-Tetracosane (C24)	14.902	2077176	18.849 ug/ml
15) T n-Hexacosane (C26)	15.919	1984771	18.805 ug/ml
16) T n-Octacosane (C28)	16.866	1960677	18.902 ug/ml
17) T n-Tricontane (C30)	17.750	1985652	19.165 ug/ml
18) T n-Dotriacontane (C32)	18.579	1965487	20.515 ug/ml
19) T n-Tetratriacontane (C34)	19.359	1952183	22.257 ug/ml
20) T n-Hexatriacontane (C36)	20.093	1935812	23.650 ug/mlm
21) T n-Octatriacontane (C38)	20.830	1883434	23.550 ug/mlm
22) T n-Tetracontane (C40)	21.743	1915082	23.244 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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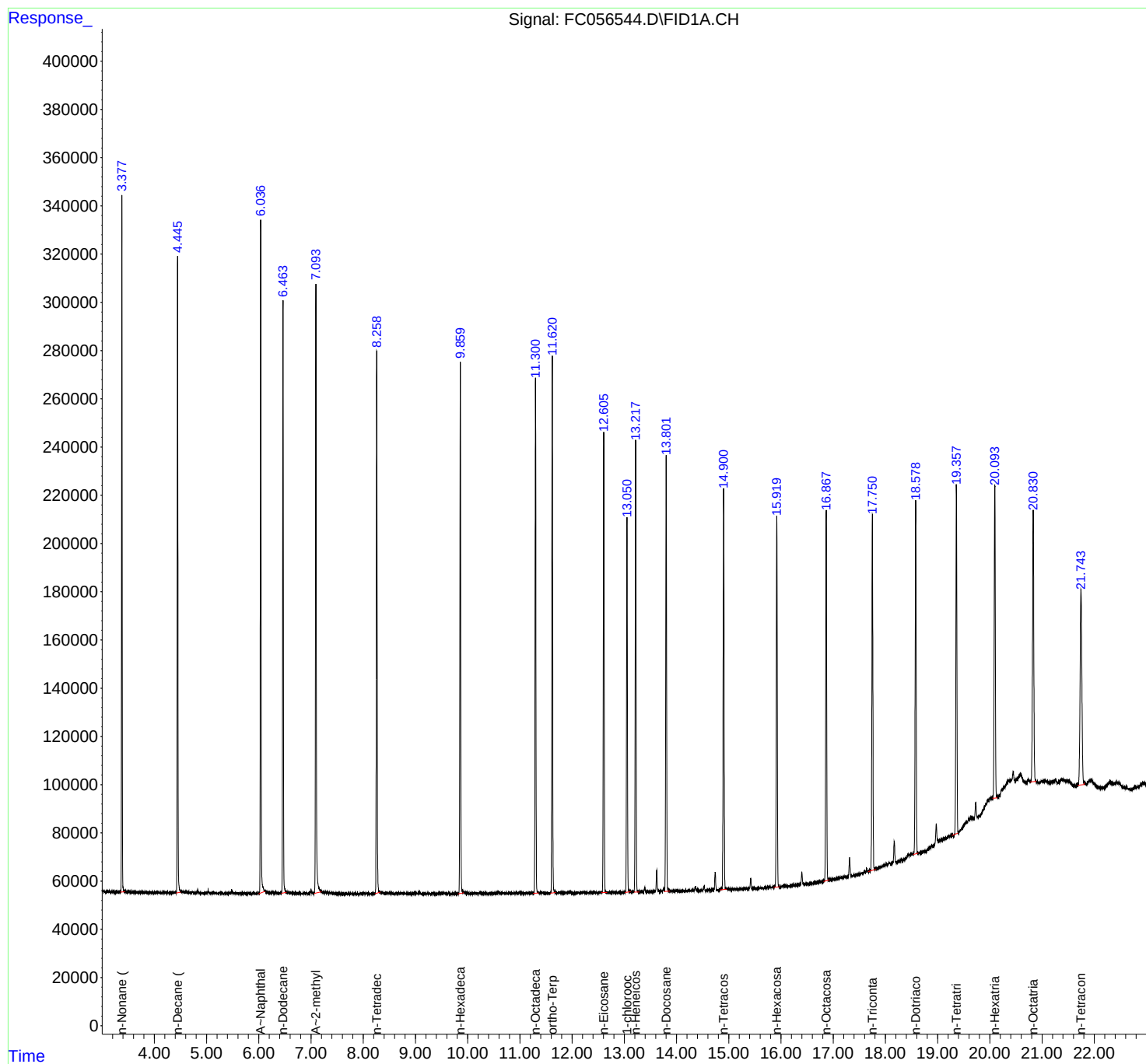
Instrument :
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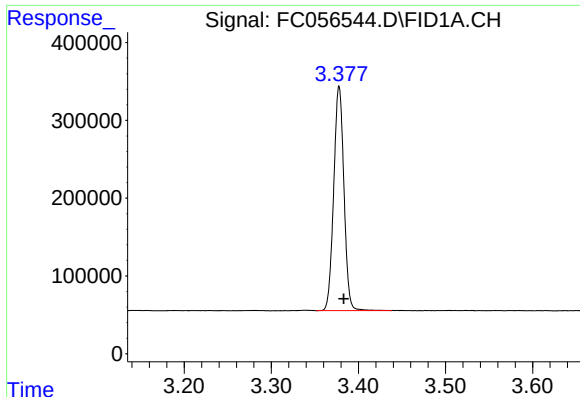
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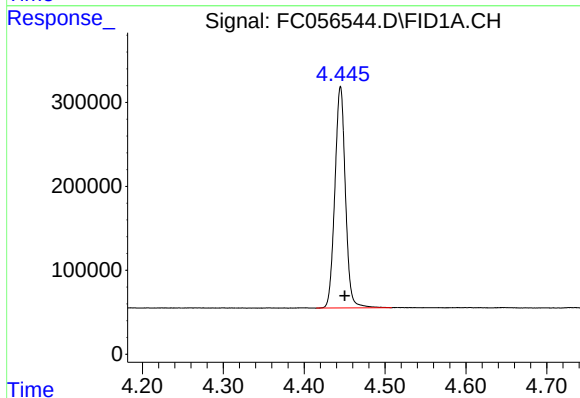
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: -0.005 min
Response: 2353796
Conc: 21.75 ug/ml

Instrument :
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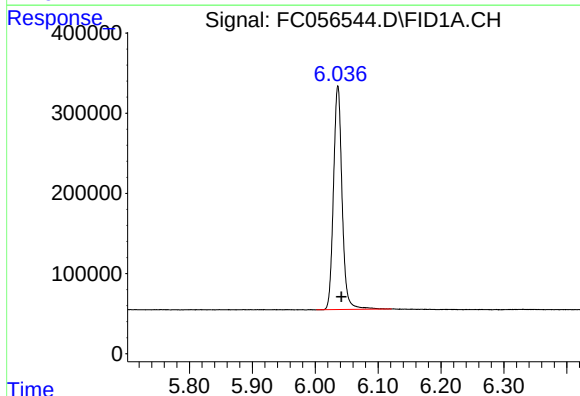
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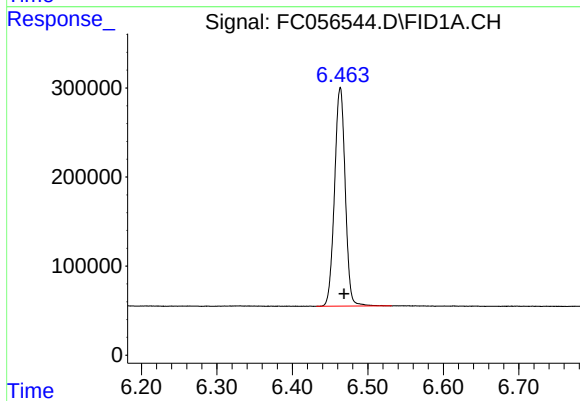
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: -0.005 min
Response: 2388146
Conc: 22.17 ug/ml



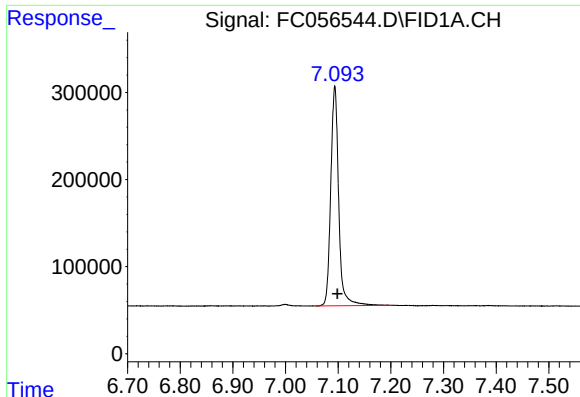
#3 A~Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.006 min
Response: 2655474
Conc: 21.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 2414662
Conc: 21.90 ug/ml



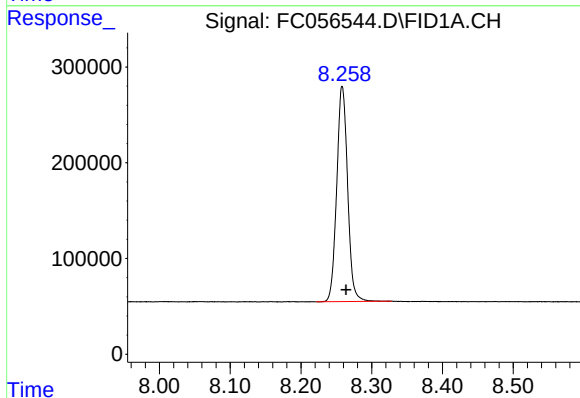
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 2648338
Conc: 21.63 ug/ml

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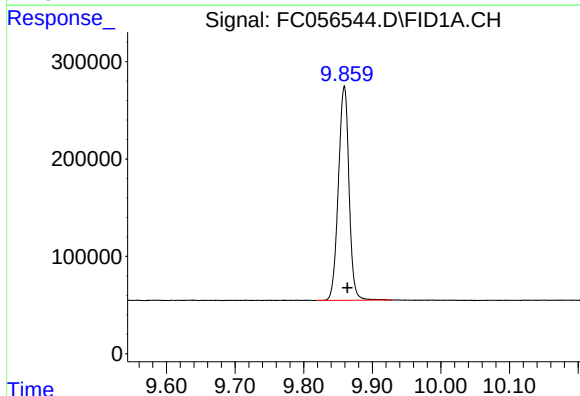
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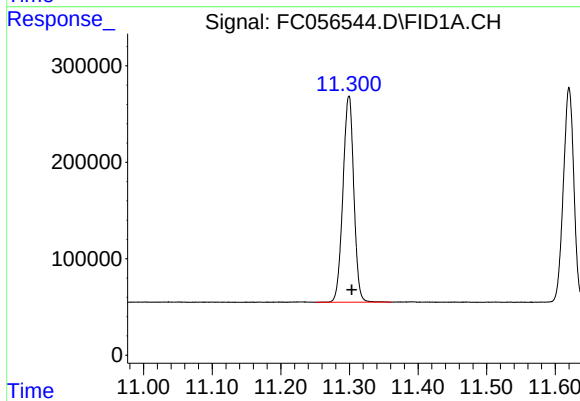
#6 n-Tetradecane (C14)

R.T.: 8.259 min
Delta R.T.: -0.005 min
Response: 2403046
Conc: 21.40 ug/ml



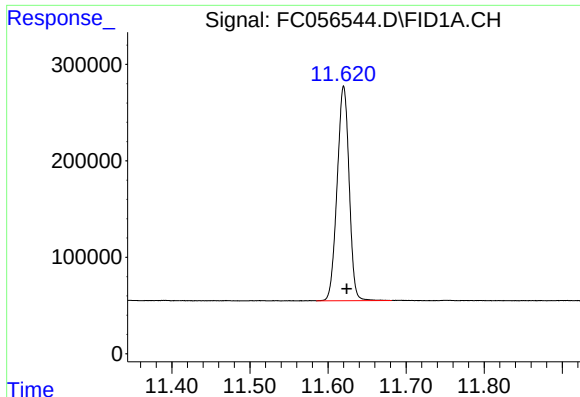
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.005 min
Response: 2369911
Conc: 20.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.004 min
Response: 2353490
Conc: 20.14 ug/ml



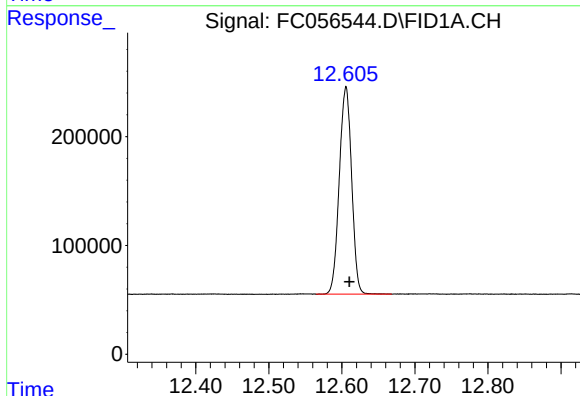
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.004 min
Response: 2370053
Conc: 19.14 ug/ml

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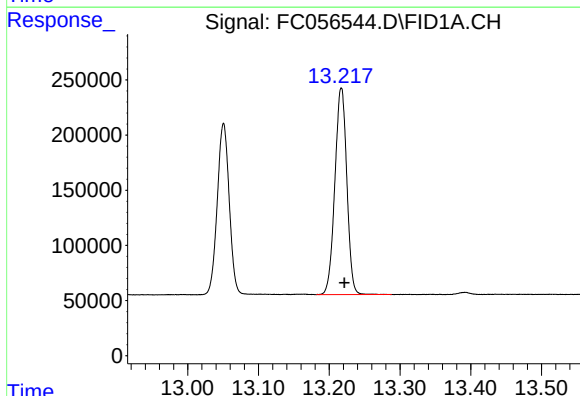
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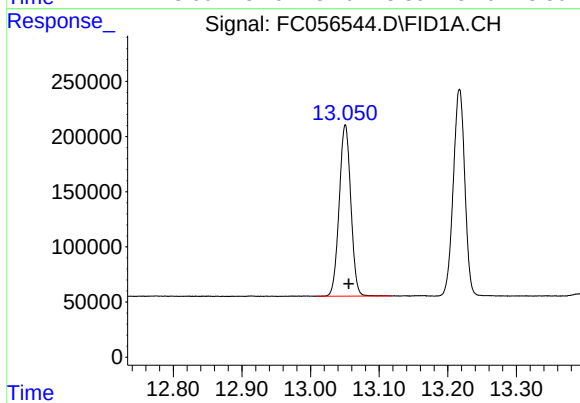
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.005 min
Response: 2233881
Conc: 19.44 ug/ml



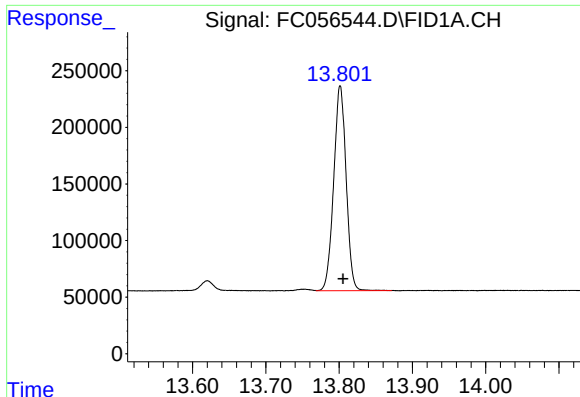
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.004 min
Response: 2194107
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.051 min
Delta R.T.: -0.005 min
Response: 1820719
Conc: 18.92 ug/ml



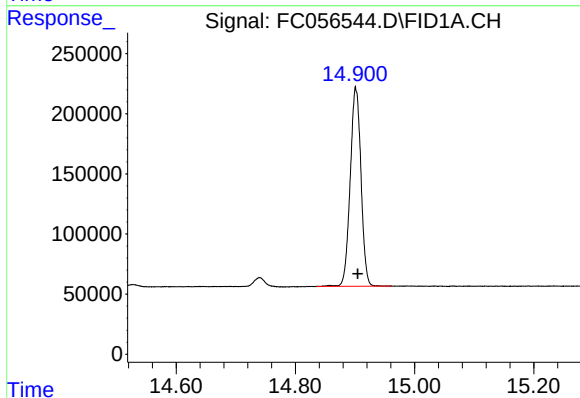
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.004 min
Response: 2133903
Conc: 18.95 ug/ml

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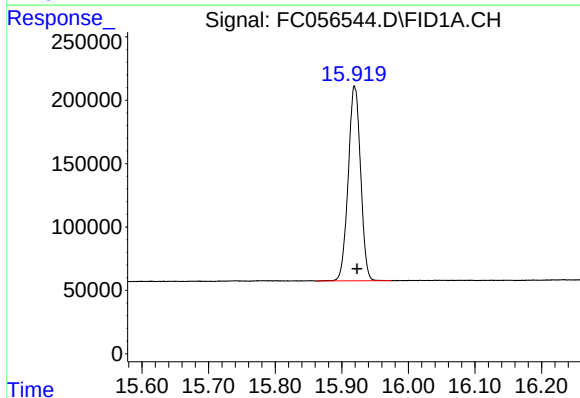
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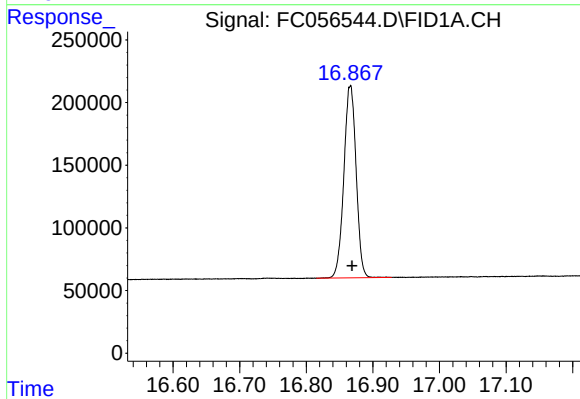
#14 n-Tetracosane (C24)

R.T.: 14.902 min
Delta R.T.: -0.003 min
Response: 2077176
Conc: 18.85 ug/ml



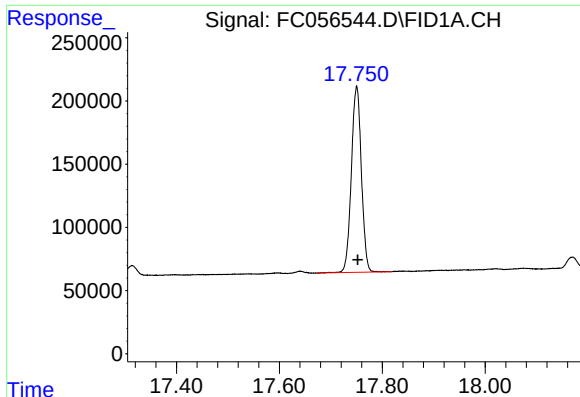
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.003 min
Response: 1984771
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.866 min
Delta R.T.: -0.003 min
Response: 1960677
Conc: 18.90 ug/ml



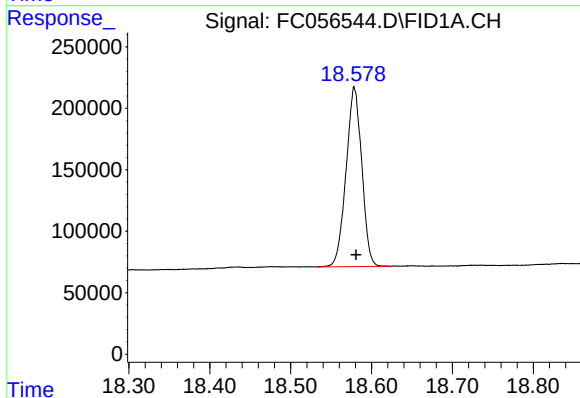
#17 n-Tricontane (C30)

R.T.: 17.750 min
Delta R.T.: -0.002 min
Response: 1985652
Conc: 19.16 ug/ml

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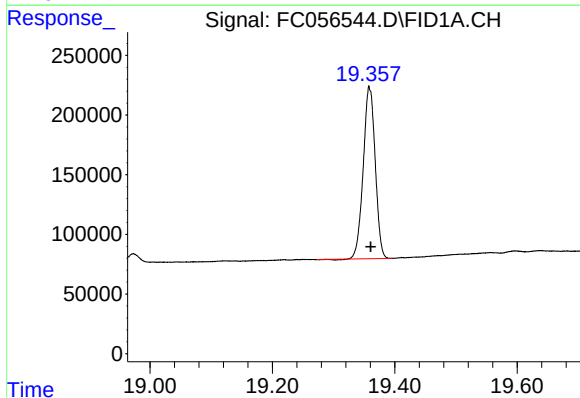
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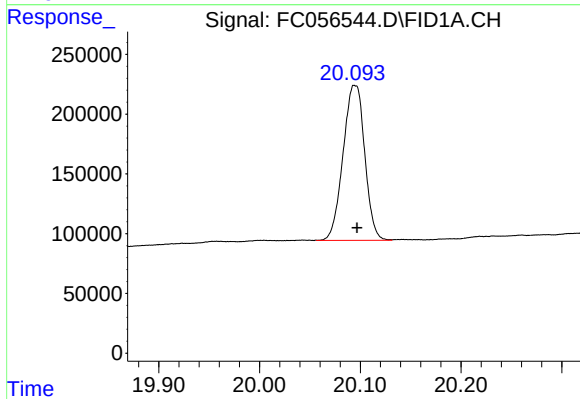
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.002 min
Response: 1965487
Conc: 20.51 ug/ml



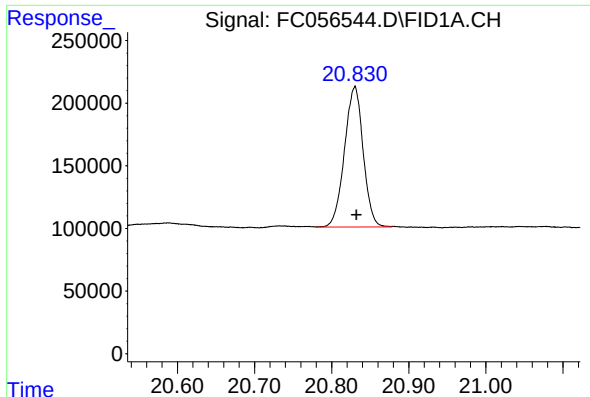
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.002 min
Response: 1952183
Conc: 22.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.004 min
Response: 1935812
Conc: 23.65 ug/ml m



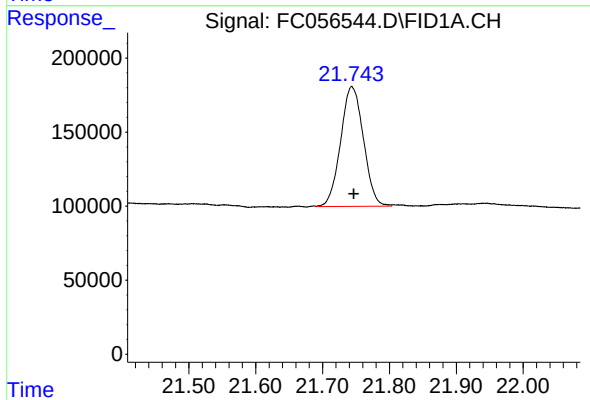
#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.002 min
Response: 1883434
Conc: 23.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.004 min
Response: 1915082
Conc: 23.24 ug/ml m