

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031921AL\
 Data File : FC052568.D
 Signal(s) : FID1A.CH
 Acq On : 20 Mar 2021 3:25
 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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 3/22/2021 2:39:49 PM

Integration File: autoint1.e
 Quant Time: Mar 20 06:32:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.568	2808873	20.955 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
12) S 1-chlorooctadecane (S...	13.004	2211669	20.505 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T n-Nonane (C9)	3.328	2562103	22.059 ug/ml
2) T n-Decane (C10)	4.394	2607096	22.248 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2909363	22.221 ug/ml
4) T n-Dodecane (C12)	6.414	2686180	22.373 ug/ml
5) T A~2-methylnaphthalene...	7.037	2984651	22.297 ug/ml
6) T n-Tetradecane (C14)	8.209	2699924	22.323 ug/ml
7) T n-Hexadecane (C16)	9.810	2645016	21.992 ug/ml
8) T n-Octadecane (C18)	11.252	2708977	21.471 ug/ml
10) T n-Eicosane (C20)	12.560	2655403	20.795 ug/ml
11) T n-Heneicosane (C21)	13.171	2603695	20.484 ug/ml
13) T n-Docosane (C22)	13.758	2548233	20.115 ug/ml
14) T n-Tetracosane (C24)	14.860	2432349	19.471 ug/ml
15) T n-Hexacosane (C26)	15.880	2278729	18.924 ug/ml
16) T n-Octacosane (C28)	16.830	2168119	18.805 ug/ml
17) T n-Tricontane (C30)	17.716	2095156	19.230 ug/ml
18) T n-Dotriacontane (C32)	18.547	2023991	20.172 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1967928	21.409 ug/ml
20) T n-Hexatriacontane (C36)	20.067	1869017	20.496 ug/mlm
21) T n-Octatriacontane (C38)	20.801	1875548	22.980 ug/mlm
22) T n-Tetracontane (C40)	21.706	2038515	23.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

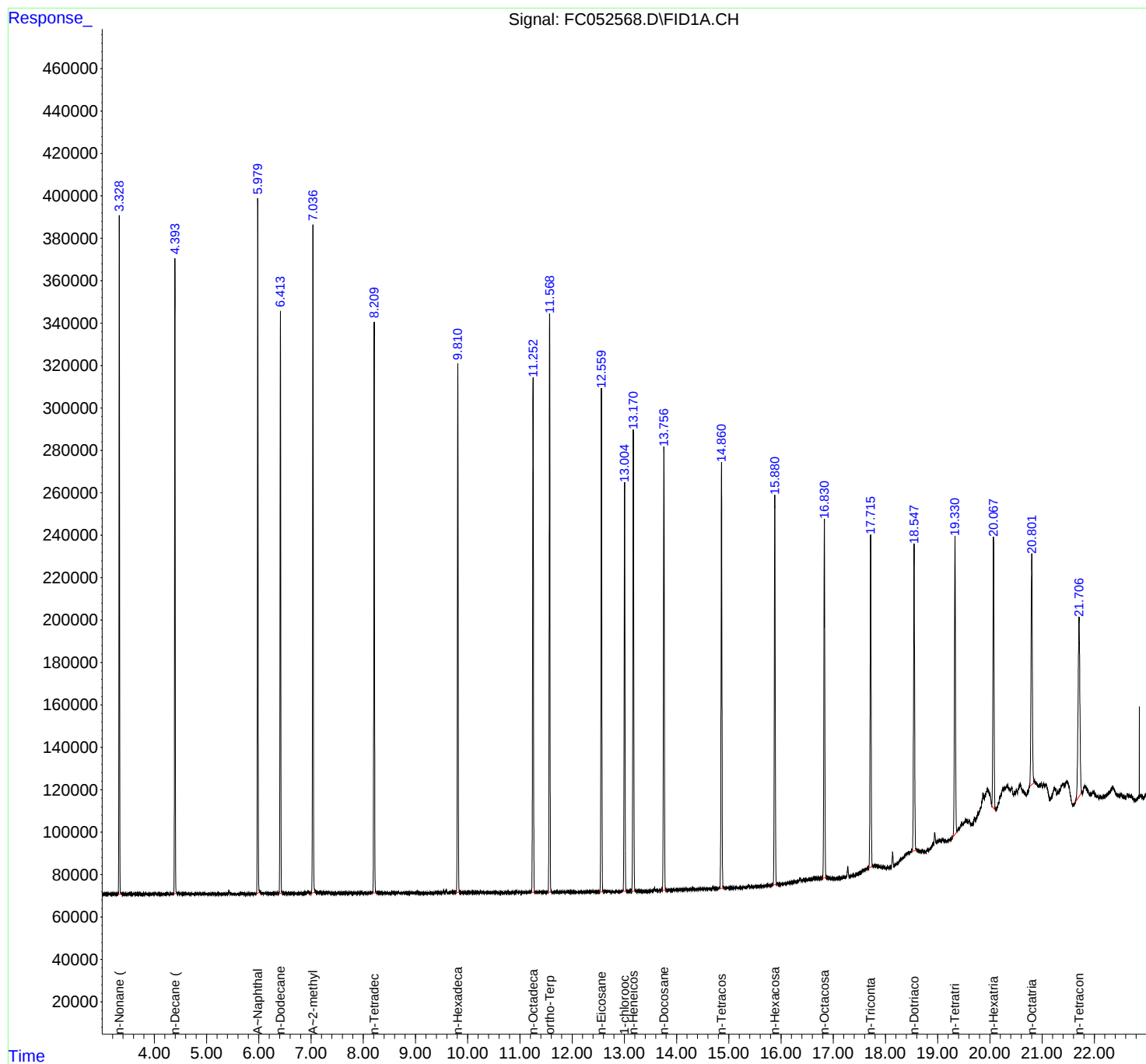
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

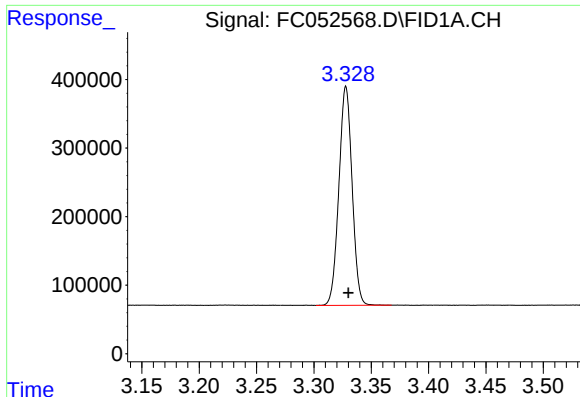
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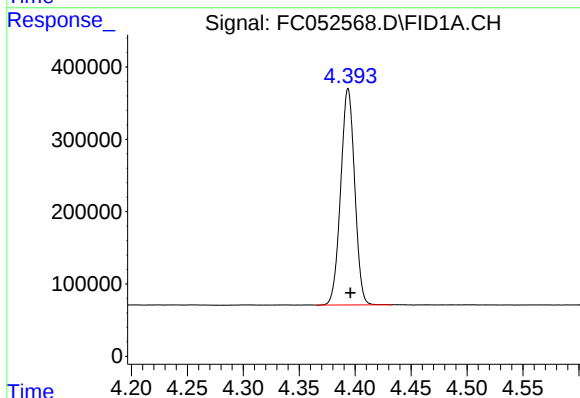
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 2562103
Conc: 22.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

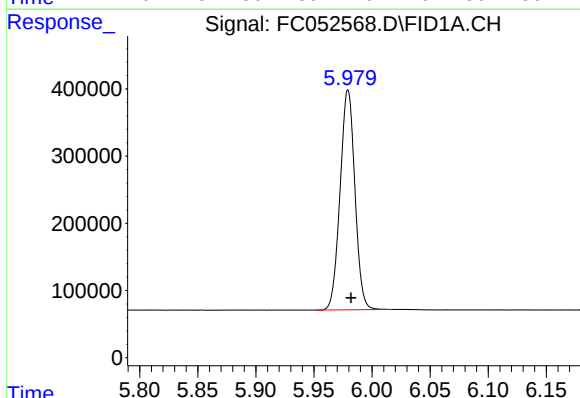
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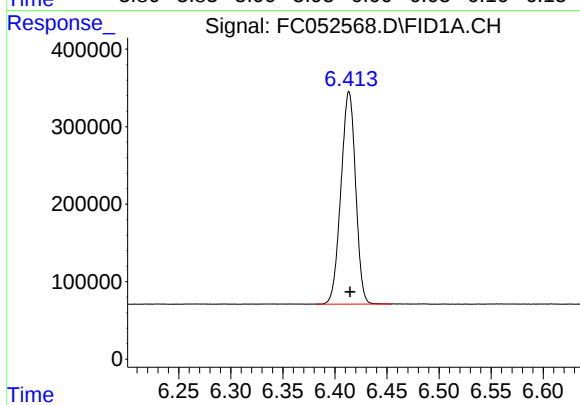
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 2607096
Conc: 22.25 ug/ml



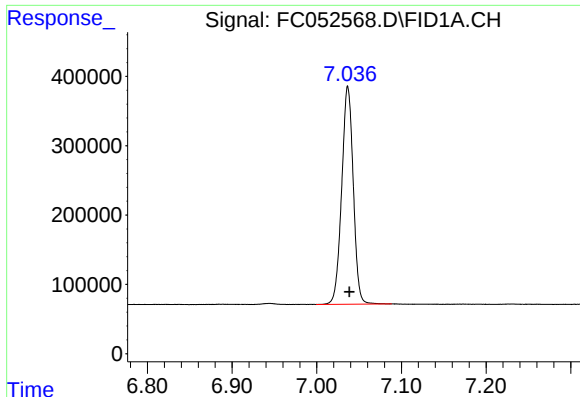
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2909363
Conc: 22.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 2686180
Conc: 22.37 ug/ml



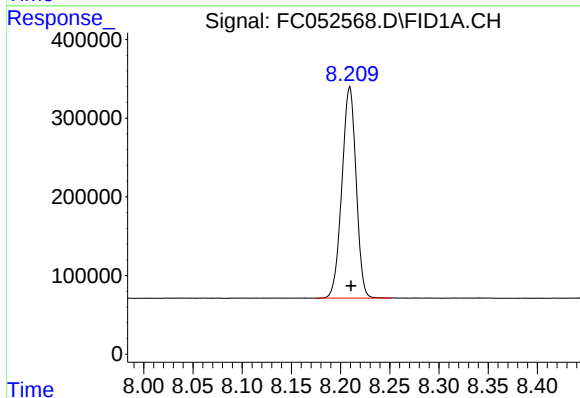
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 2984651
Conc: 22.30 ug/ml

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20 PPM ALIPHATIC HC STD

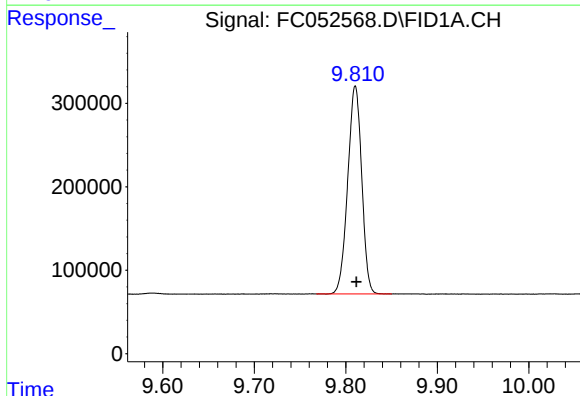
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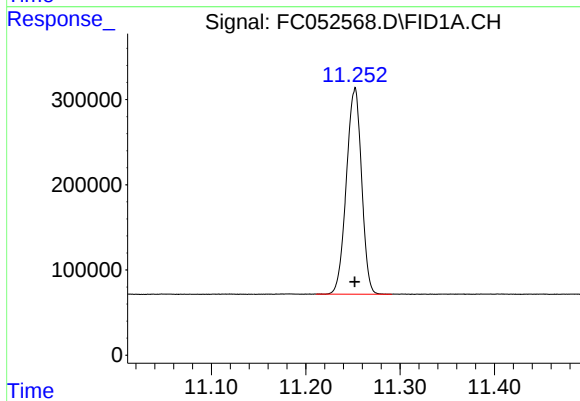
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: -0.001 min
Response: 2699924
Conc: 22.32 ug/ml



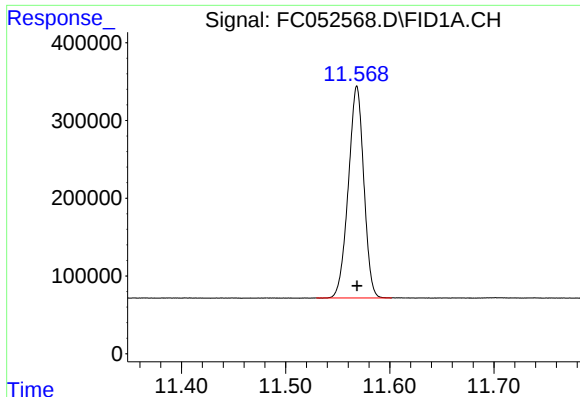
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.001 min
Response: 2645016
Conc: 21.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.252 min
Delta R.T.: 0.000 min
Response: 2708977
Conc: 21.47 ug/ml



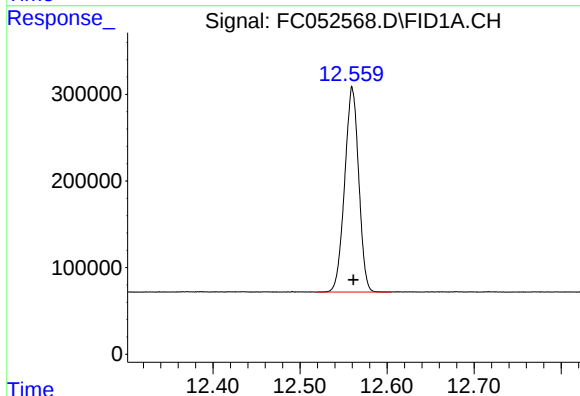
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 2808873
Conc: 20.96 ug/ml

Instrument :
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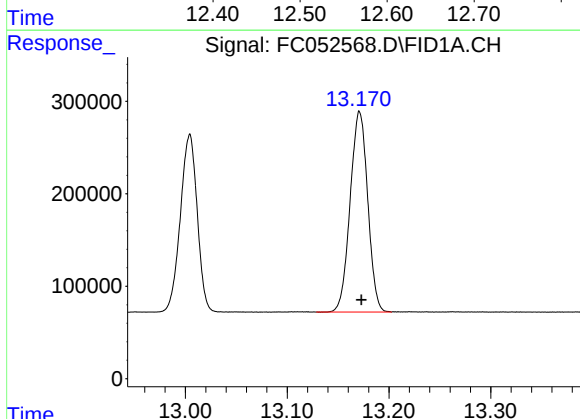
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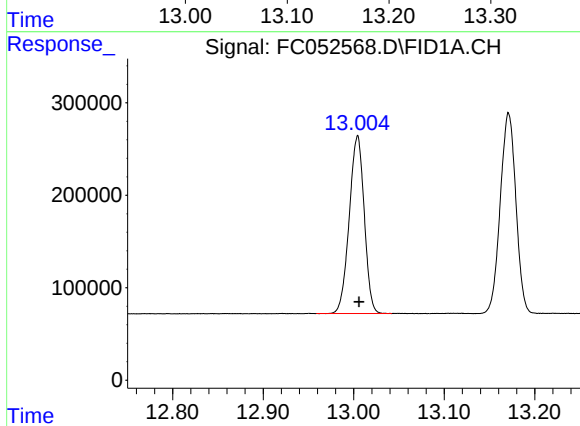
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.001 min
Response: 2655403
Conc: 20.80 ug/ml



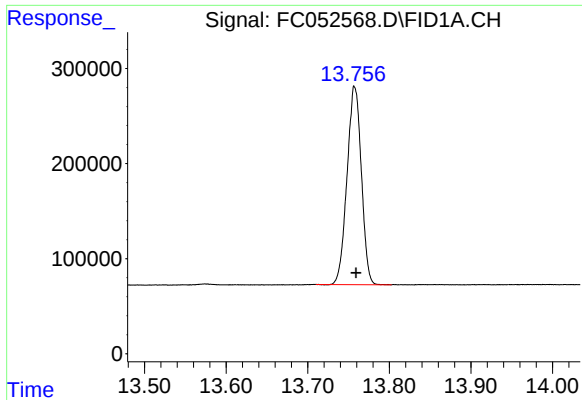
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.002 min
Response: 2603695
Conc: 20.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.002 min
Response: 2211669
Conc: 20.51 ug/ml



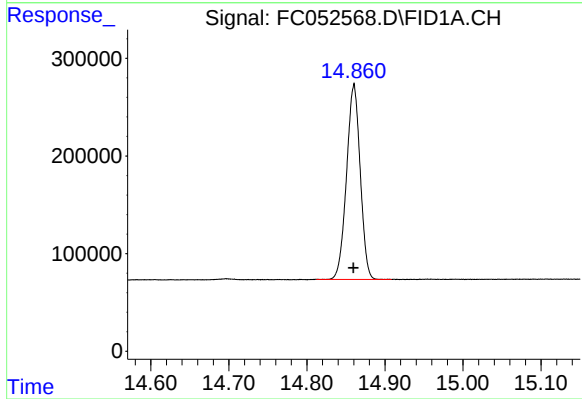
#13 n-Docosane (C22)

R.T.: 13.758 min
Delta R.T.: -0.002 min
Response: 2548233
Conc: 20.12 ug/ml

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20 PPM ALIPHATIC HC STD

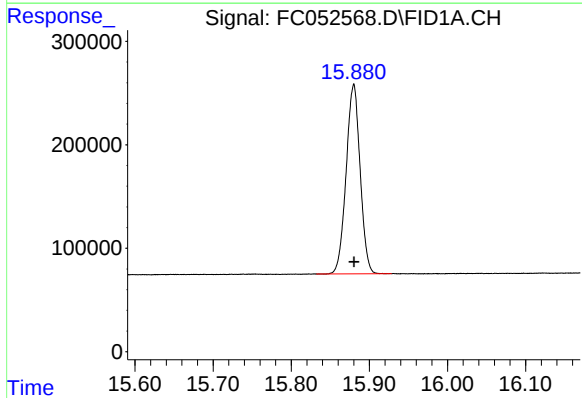
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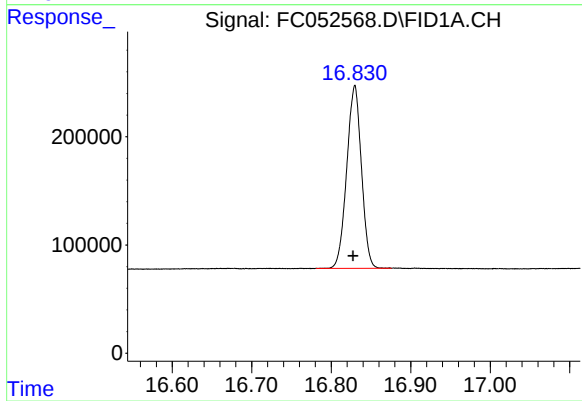
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2432349
Conc: 19.47 ug/ml



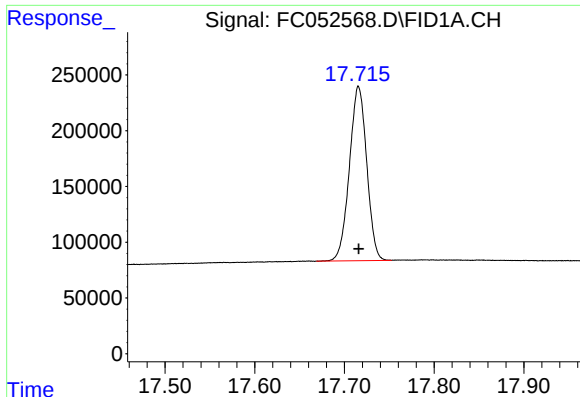
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2278729
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: 0.002 min
Response: 2168119
Conc: 18.81 ug/ml



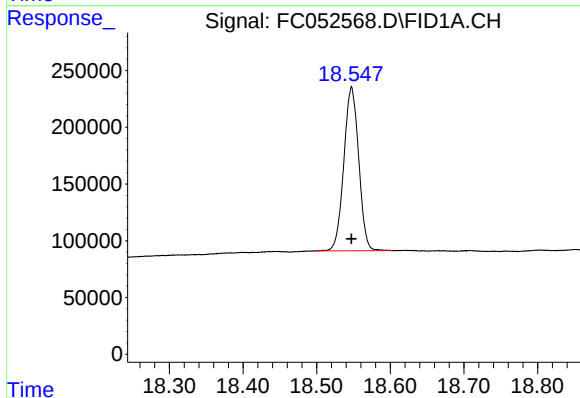
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: 0.000 min
Response: 2095156
Conc: 19.23 ug/ml

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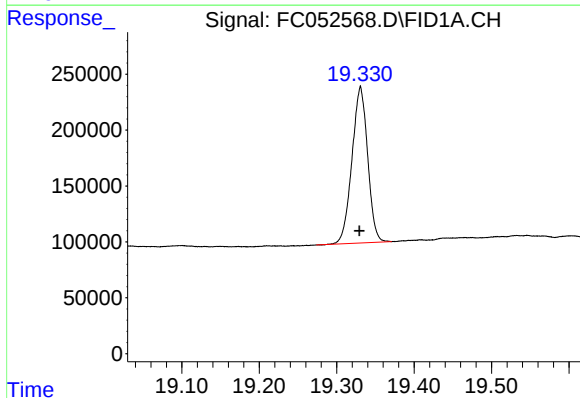
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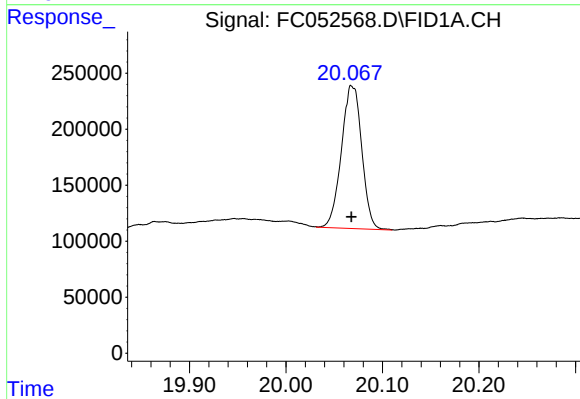
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.000 min
Response: 2023991
Conc: 20.17 ug/ml



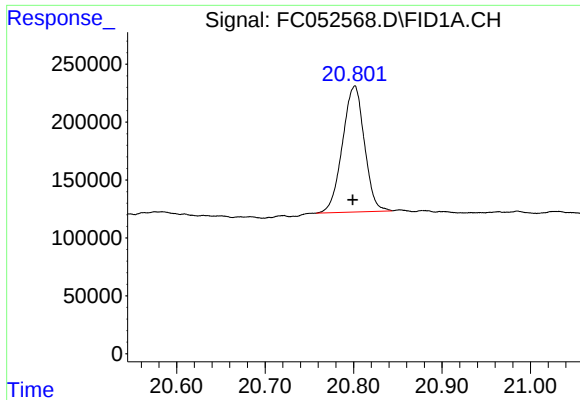
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.001 min
Response: 1967928
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.001 min
Response: 1869017
Conc: 20.50 ug/ml m



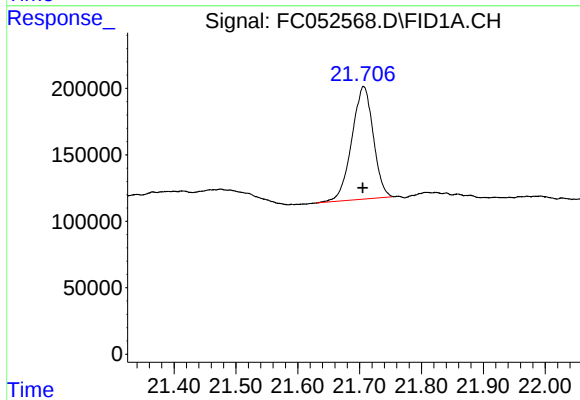
#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.002 min
Response: 1875548
Conc: 22.98 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.000 min
Response: 2038515
Conc: 23.67 ug/ml m