

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102920AL\
 Data File : FC050462.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2020 14:02
 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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 10/30/2020 3:57:10 PM

Integration File: autoint1.e
 Quant Time: Oct 30 14:27:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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	2205877	19.679 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	13.054	1696140	19.580 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.367	2093289	21.123 ug/ml
2) T n-Decane (C10)	4.438	2116391	21.257 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2297533	20.845 ug/ml
4) T n-Dodecane (C12)	6.459	2133867	21.148 ug/ml
5) T A~2-methylnaphthalene...	7.089	2303339	20.694 ug/ml
6) T n-Tetradecane (C14)	8.255	2098323	20.945 ug/ml
7) T n-Hexadecane (C16)	9.857	2039171	20.691 ug/ml
8) T n-Octadecane (C18)	11.299	2103218	20.365 ug/ml
10) T n-Eicosane (C20)	12.609	2074324	19.935 ug/ml
11) T n-Heneicosane (C21)	13.220	2049588	19.724 ug/ml
13) T n-Docosane (C22)	13.806	2031234	19.568 ug/ml
14) T n-Tetracosane (C24)	14.909	2009764	19.349 ug/ml
15) T n-Hexacosane (C26)	15.929	1963336	19.053 ug/ml
16) T n-Octacosane (C28)	16.878	1962790	18.965 ug/ml
17) T n-Tricontane (C30)	17.765	1937587	18.987 ug/ml
18) T n-Dotriacontane (C32)	18.596	1846069	19.217 ug/mlm
19) T n-Tetratriacontane (C34)	19.379	1757098	19.156 ug/mlm
20) T n-Hexatriacontane (C36)	20.115	1696103	19.149 ug/mlm
21) T n-Octatriacontane (C38)	20.861	1593438	19.324 ug/mlm
22) T n-Tetracontane (C40)	21.788	1637538	19.583 ug/mlm

(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

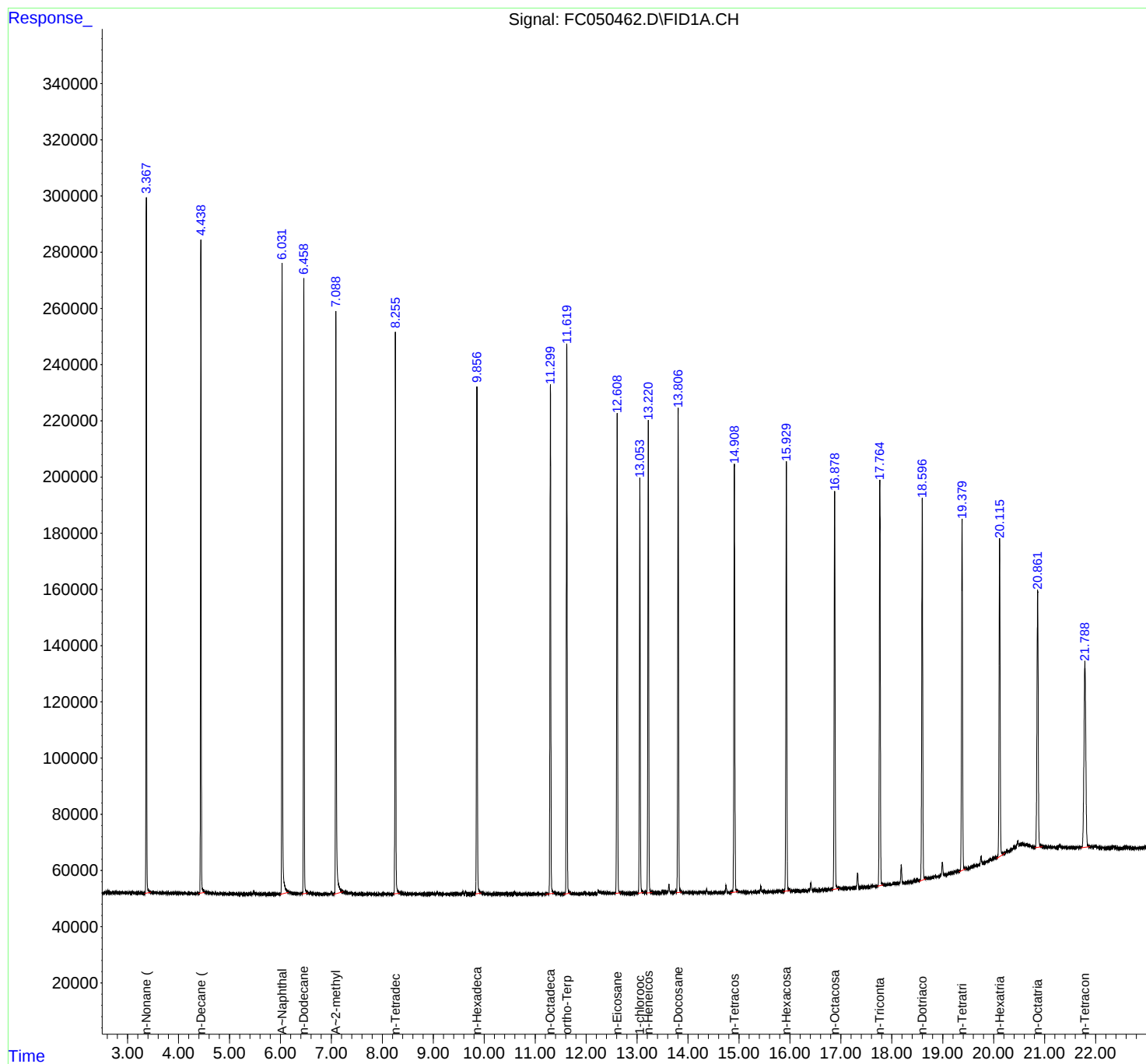
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

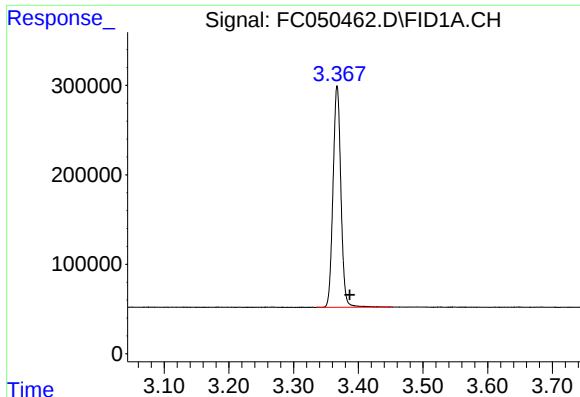
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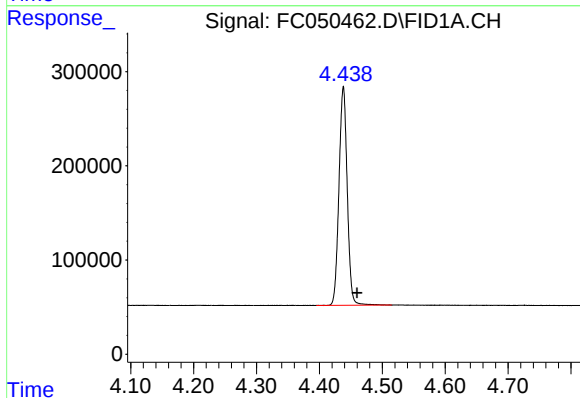
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.020 min
Response: 2093289
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

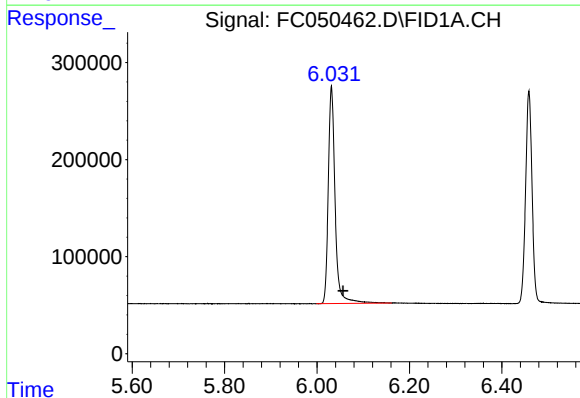
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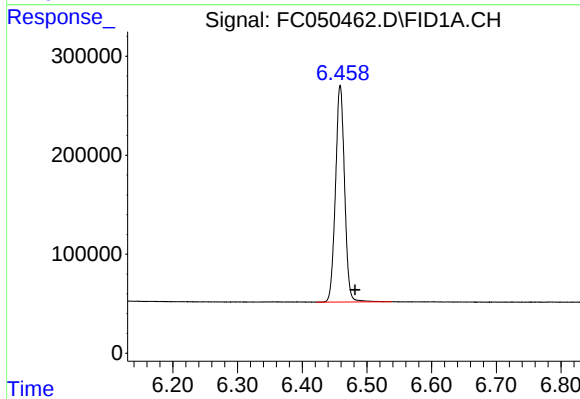
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.022 min
Response: 2116391
Conc: 21.26 ug/ml



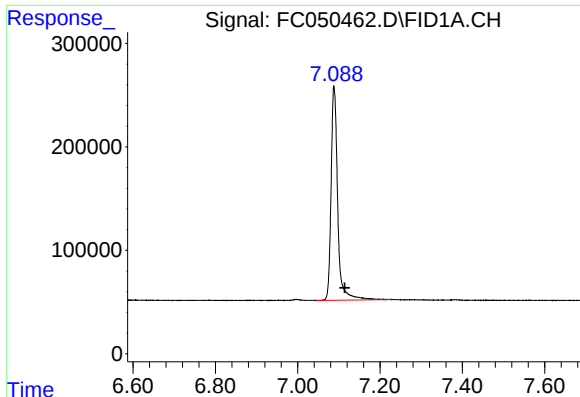
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.025 min
Response: 2297533
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.459 min
Delta R.T.: -0.023 min
Response: 2133867
Conc: 21.15 ug/ml



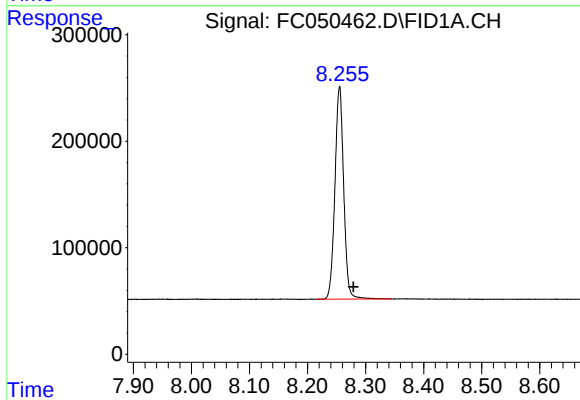
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.026 min
Response: 2303339
Conc: 20.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

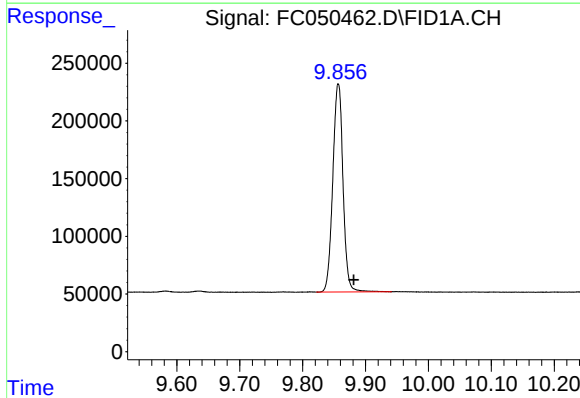
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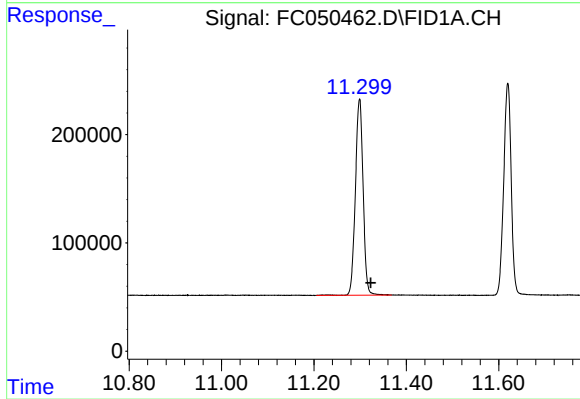
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.024 min
Response: 2098323
Conc: 20.95 ug/ml



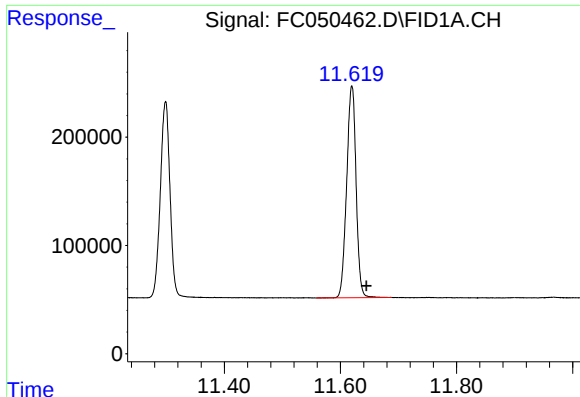
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: -0.025 min
Response: 2039171
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.025 min
Response: 2103218
Conc: 20.37 ug/ml



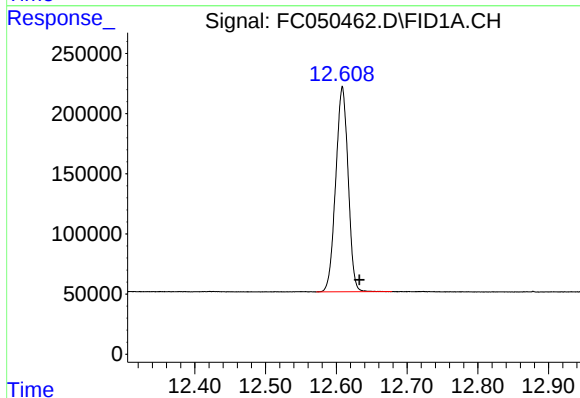
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.025 min
Response: 2205877
Conc: 19.68 ug/ml

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20 PPM ALIPHATIC HC STD

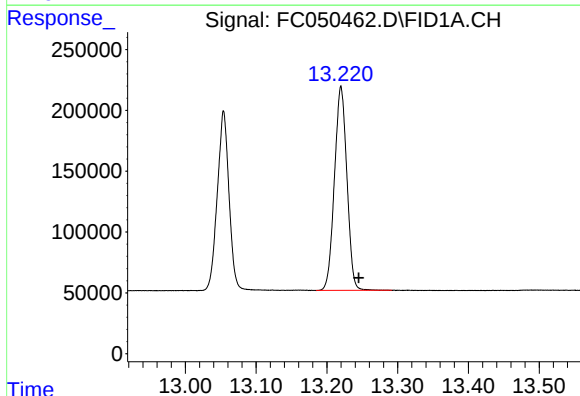
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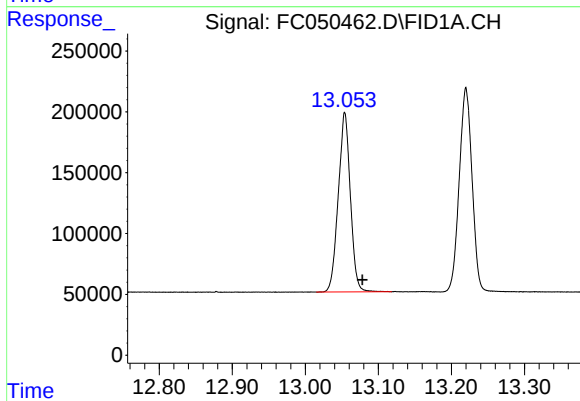
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.024 min
Response: 2074324
Conc: 19.93 ug/ml



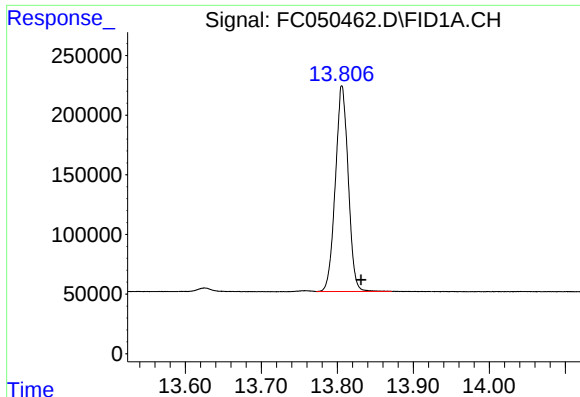
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.025 min
Response: 2049588
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.024 min
Response: 1696140
Conc: 19.58 ug/ml



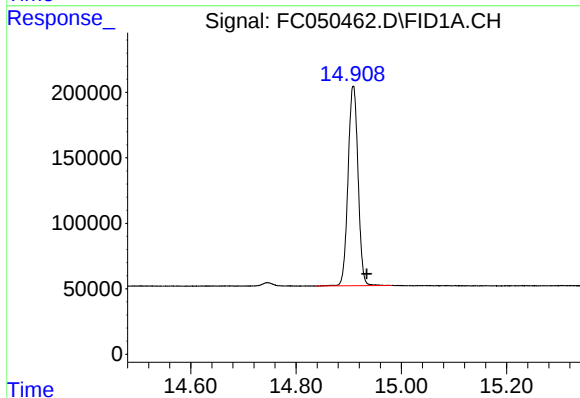
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: -0.025 min
Response: 2031234
Conc: 19.57 ug/ml

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20 PPM ALIPHATIC HC STD

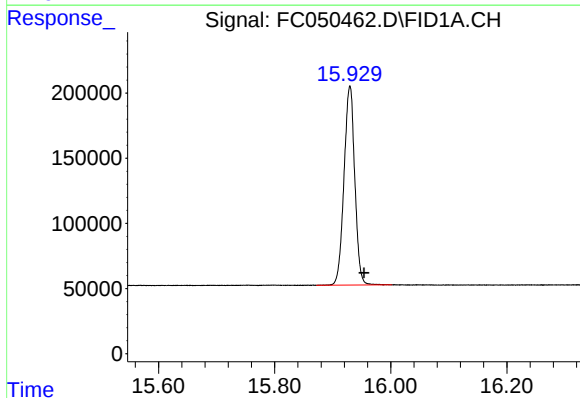
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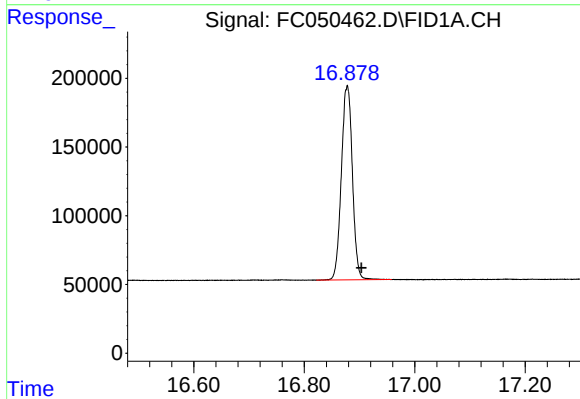
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: -0.026 min
Response: 2009764
Conc: 19.35 ug/ml



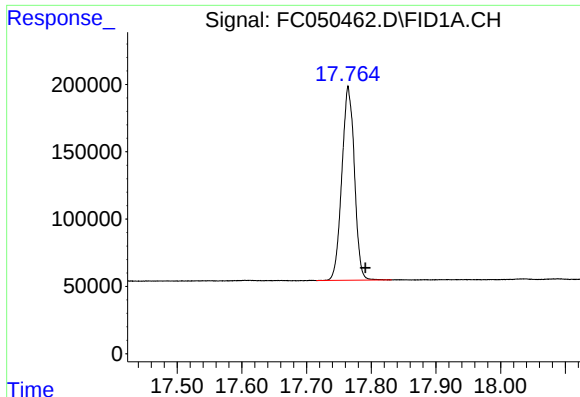
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: -0.025 min
Response: 1963336
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.878 min
Delta R.T.: -0.026 min
Response: 1962790
Conc: 18.97 ug/ml



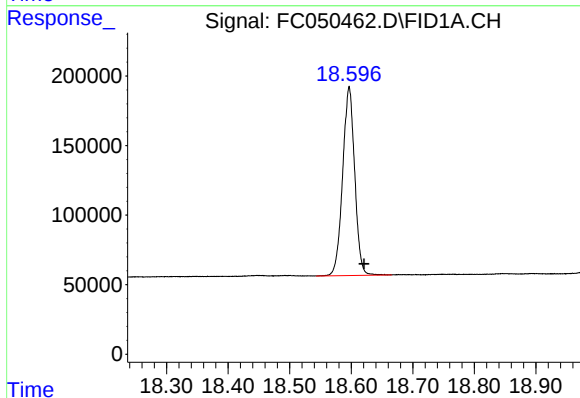
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: -0.026 min
Response: 1937587
Conc: 18.99 ug/ml

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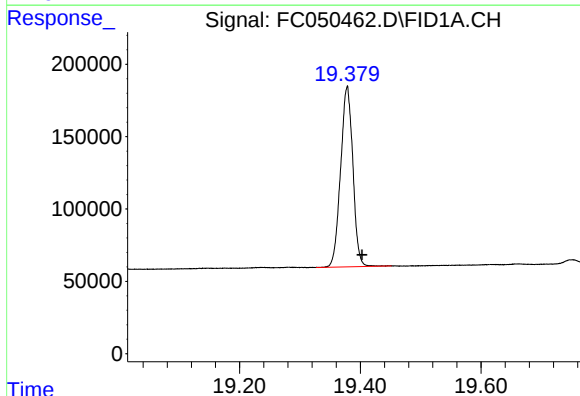
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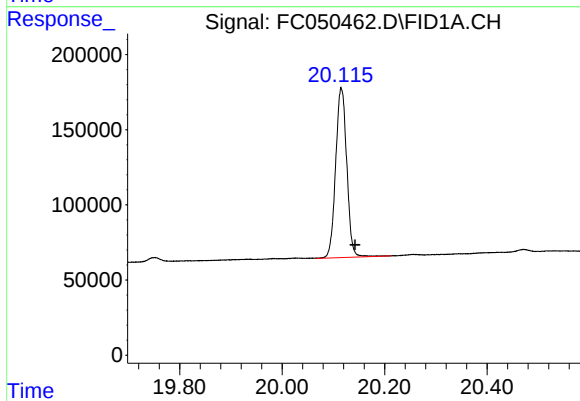
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.024 min
Response: 1846069
Conc: 19.22 ug/ml m



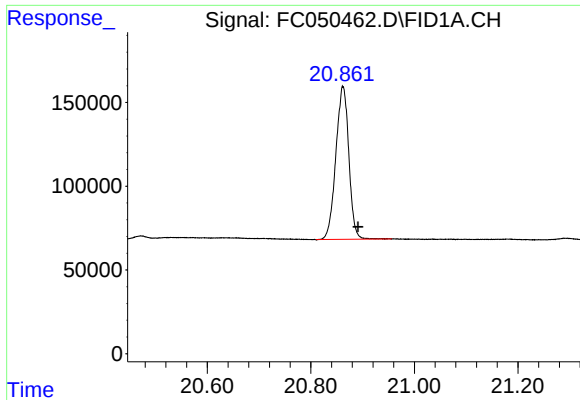
#19 n-Tetratriacontane (C34)

R.T.: 19.379 min
Delta R.T.: -0.025 min
Response: 1757098
Conc: 19.16 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.115 min
Delta R.T.: -0.028 min
Response: 1696103
Conc: 19.15 ug/ml m



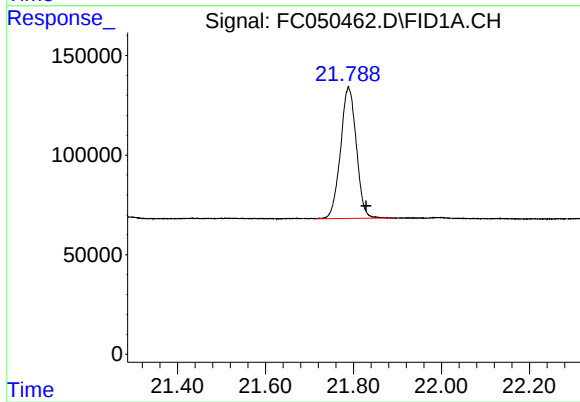
#21 n-Octatriacontane (C38)

R.T.: 20.861 min
Delta R.T.: -0.030 min
Response: 1593438
Conc: 19.32 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.788 min
Delta R.T.: -0.041 min
Response: 1637538
Conc: 19.58 ug/ml m