

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056110.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 1:59
 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

Integration File: autoint1.e
 Quant Time: Oct 12 03:13:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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

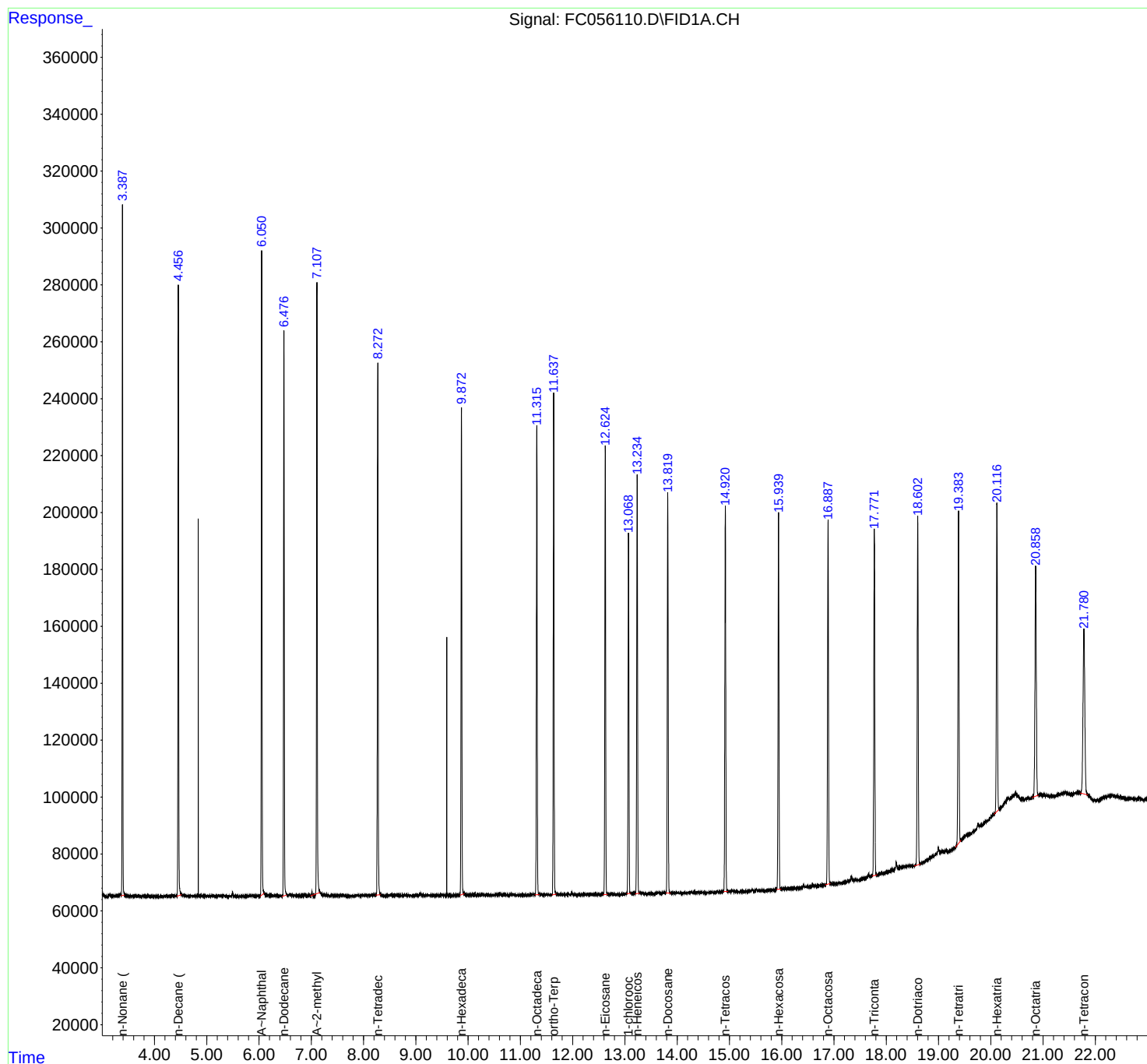
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.637	1905161	16.056 ug/ml
Spiked Amount 50.000		Recovery =	32.11%
12) S 1-chlorooctadecane (S...	13.069	1464544	15.941 ug/ml
Spiked Amount 50.000		Recovery =	31.88%
Target Compounds			
1) T n-Nonane (C9)	3.387	1998231	18.725 ug/ml
2) T n-Decane (C10)	4.456	1984743	18.567 ug/ml
3) T A~Naphthalene (C11.7)	6.050	2145058	17.828 ug/ml
4) T n-Dodecane (C12)	6.476	1962669	18.082 ug/ml
5) T A~2-methylnaphthalene...	7.107	2084889	17.163 ug/ml
6) T n-Tetradecane (C14)	8.272	1926012	17.409 ug/ml
7) T n-Hexadecane (C16)	9.873	1869097	16.886 ug/ml
8) T n-Octadecane (C18)	11.315	1854989	16.574 ug/ml
10) T n-Eicosane (C20)	12.624	1775487	16.255 ug/ml
11) T n-Heneicosane (C21)	13.235	1761892	16.205 ug/ml
13) T n-Docosane (C22)	13.820	1717989	16.086 ug/ml
14) T n-Tetracosane (C24)	14.921	1688802	16.150 ug/ml
15) T n-Hexacosane (C26)	15.939	1642248	16.345 ug/ml
16) T n-Octacosane (C28)	16.887	1637749	16.931 ug/ml
17) T n-Tricontane (C30)	17.772	1640816	17.684 ug/ml
18) T n-Dotriacontane (C32)	18.602	1631368	18.349 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1613505	18.656 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1515185	18.545 ug/ml
21) T n-Octatriacontane (C38)	20.859	1422988	17.857 ug/ml
22) T n-Tetracontane (C40)	21.781	1387380	17.307 ug/ml

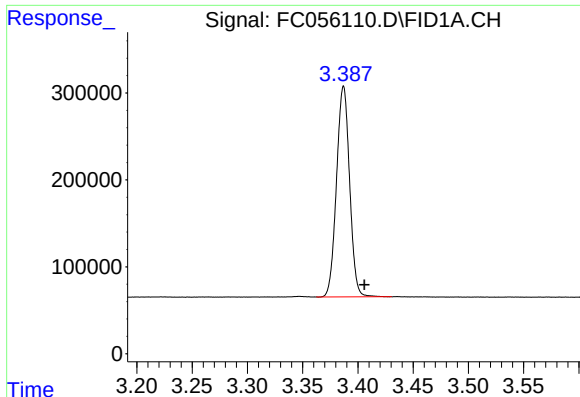
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

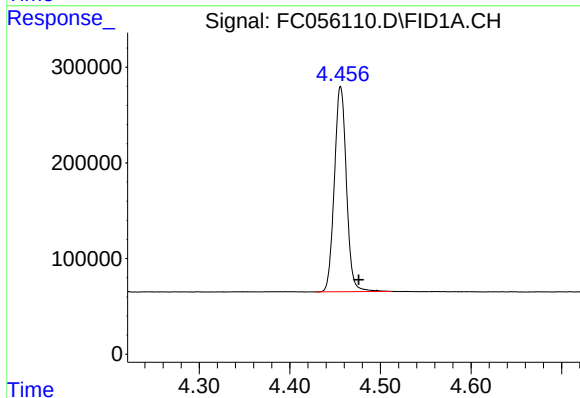




#1 n-Nonane (C9)

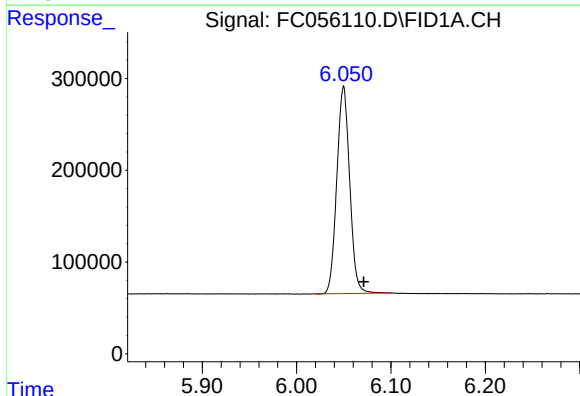
R.T.: 3.387 min
Delta R.T.: -0.019 min
Response: 1998231
Conc: 18.73 ug/ml

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20 PPM ALIPHATIC HC STD



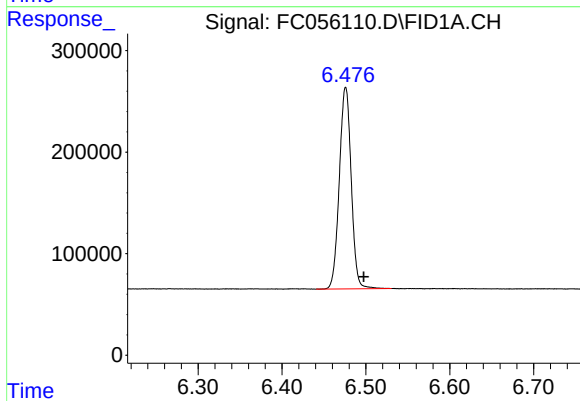
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.020 min
Response: 1984743
Conc: 18.57 ug/ml



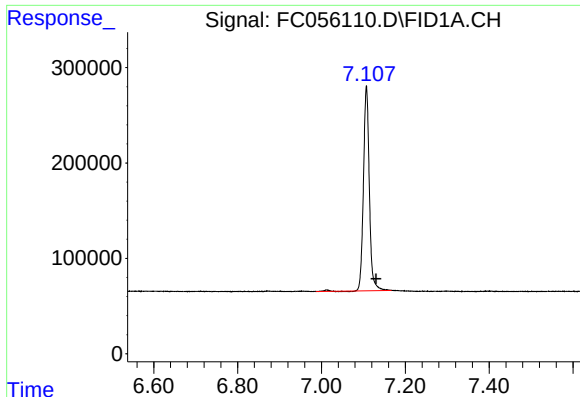
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.021 min
Response: 2145058
Conc: 17.83 ug/ml



#4 n-Dodecane (C12)

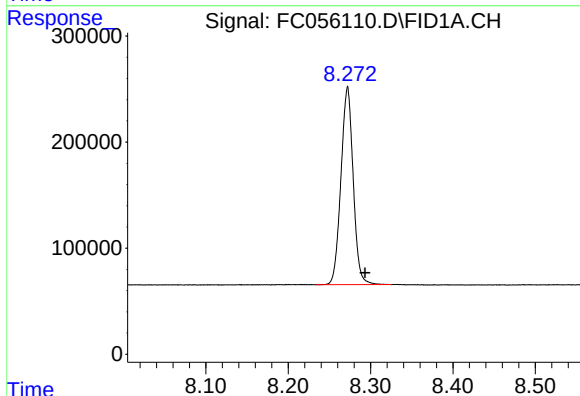
R.T.: 6.476 min
Delta R.T.: -0.021 min
Response: 1962669
Conc: 18.08 ug/ml



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

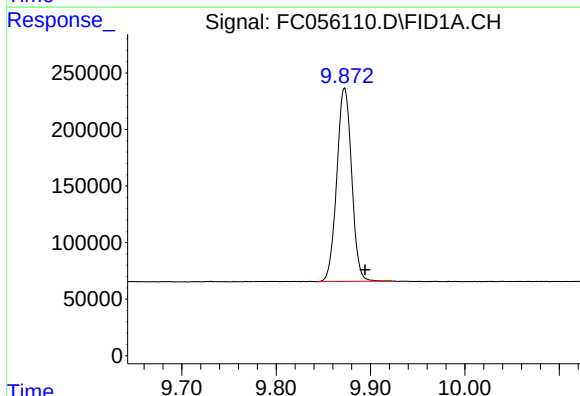
R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 2084889
Conc: 17.16 ug/ml

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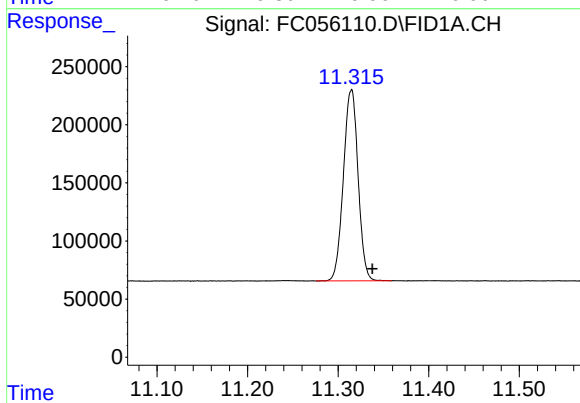
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.022 min
Response: 1926012
Conc: 17.41 ug/ml



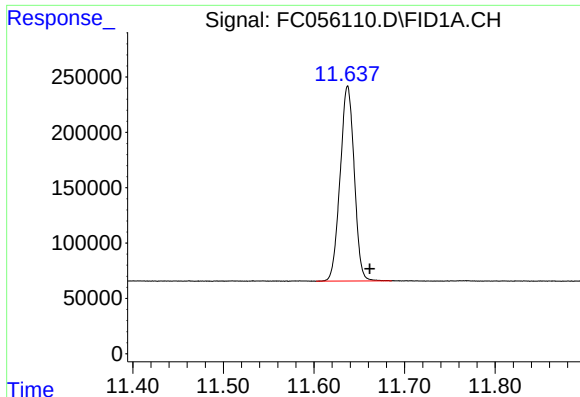
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.022 min
Response: 1869097
Conc: 16.89 ug/ml



#8 n-Octadecane (C18)

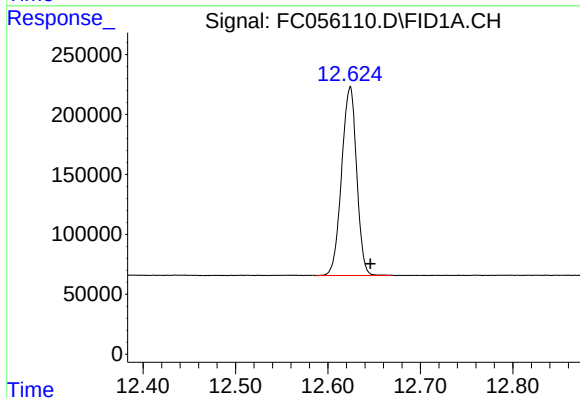
R.T.: 11.315 min
Delta R.T.: -0.023 min
Response: 1854989
Conc: 16.57 ug/ml



#9 ortho-Terphenyl (SURR)

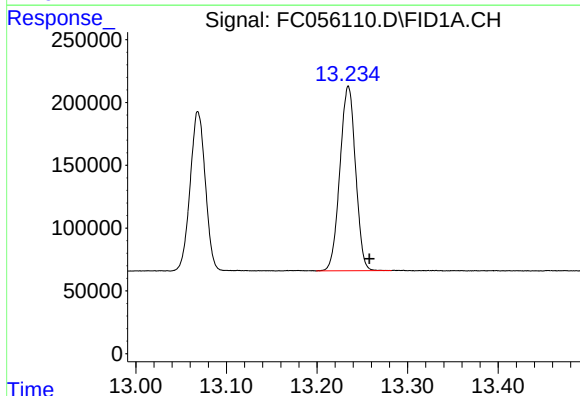
R.T.: 11.637 min
Delta R.T.: -0.024 min
Response: 1905161
Conc: 16.06 ug/ml

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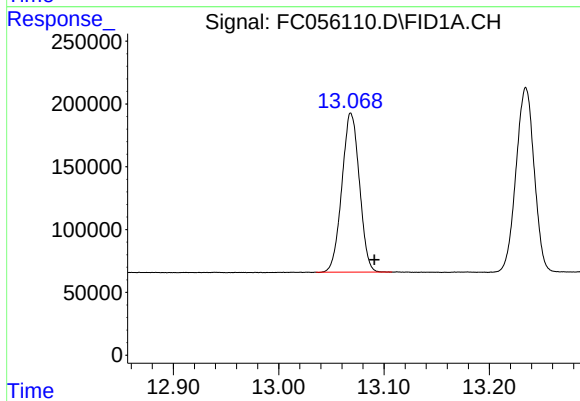
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.022 min
Response: 1775487
Conc: 16.25 ug/ml



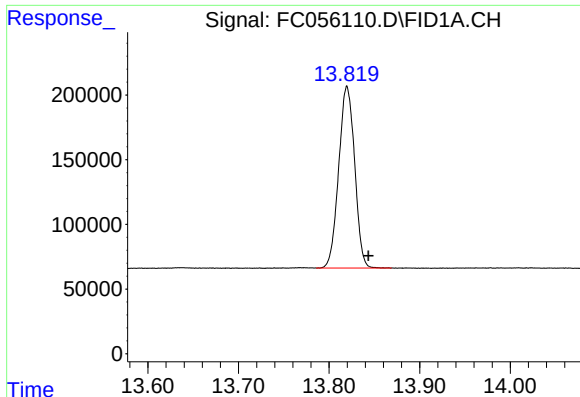
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: -0.023 min
Response: 1761892
Conc: 16.21 ug/ml



#12 1-chlorooctadecane (SURR)

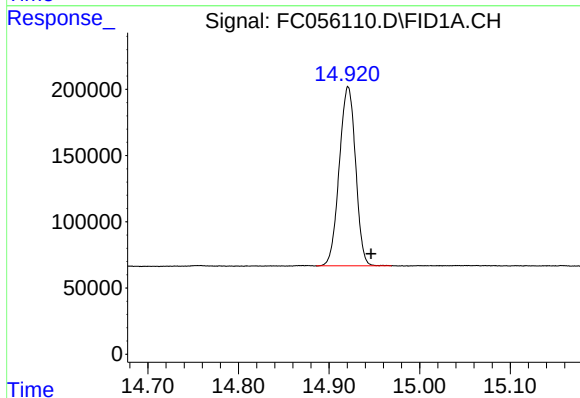
R.T.: 13.069 min
Delta R.T.: -0.022 min
Response: 1464544
Conc: 15.94 ug/ml



#13 n-Docosane (C22)

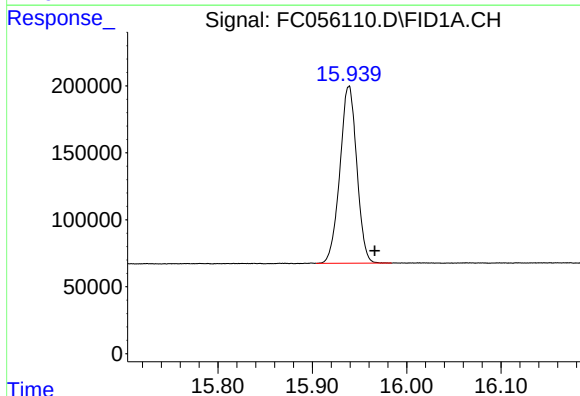
R.T.: 13.820 min
Delta R.T.: -0.024 min
Response: 1717989
Conc: 16.09 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



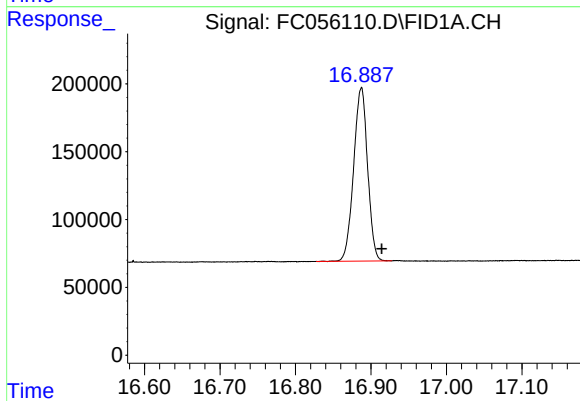
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: -0.026 min
Response: 1688802
Conc: 16.15 ug/ml



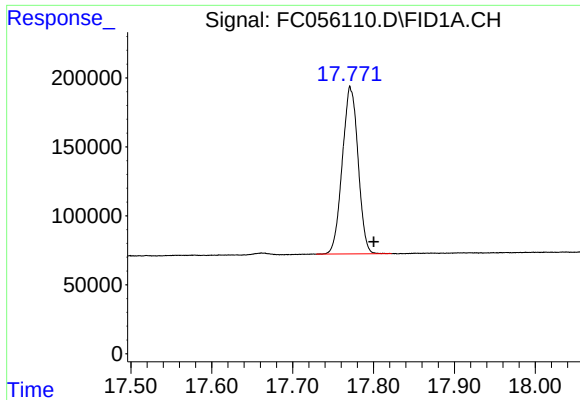
#15 n-Hexacosane (C26)

R.T.: 15.939 min
Delta R.T.: -0.027 min
Response: 1642248
Conc: 16.35 ug/ml



#16 n-Octacosane (C28)

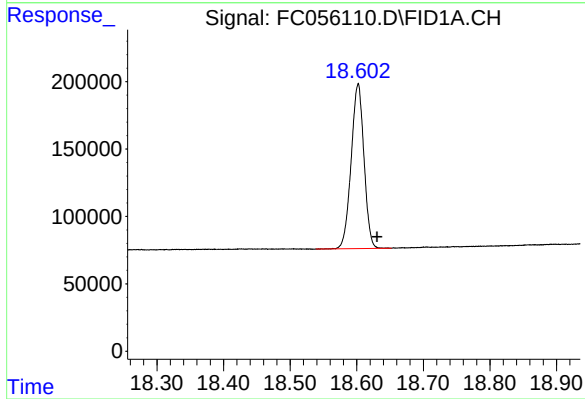
R.T.: 16.887 min
Delta R.T.: -0.027 min
Response: 1637749
Conc: 16.93 ug/ml



#17 n-Tricontane (C30)

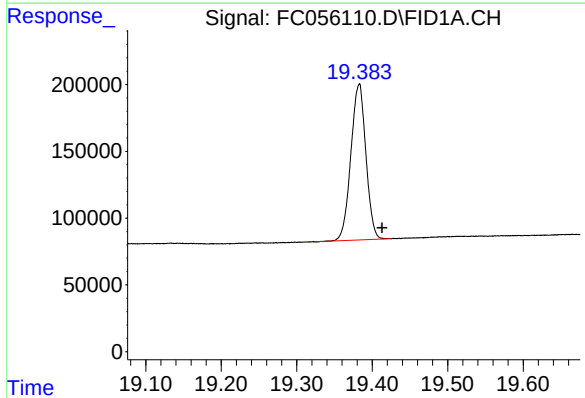
R.T.: 17.772 min
Delta R.T.: -0.028 min
Response: 1640816
Conc: 17.68 ug/ml

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20 PPM ALIPHATIC HC STD



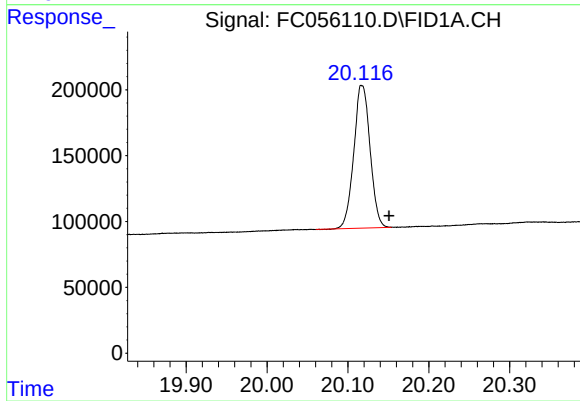
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.029 min
Response: 1631368
Conc: 18.35 ug/ml



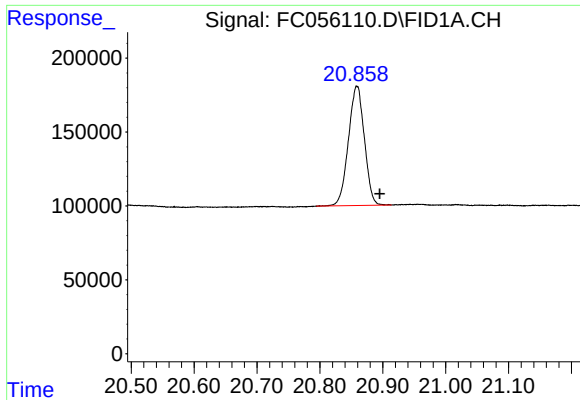
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.031 min
Response: 1613505
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

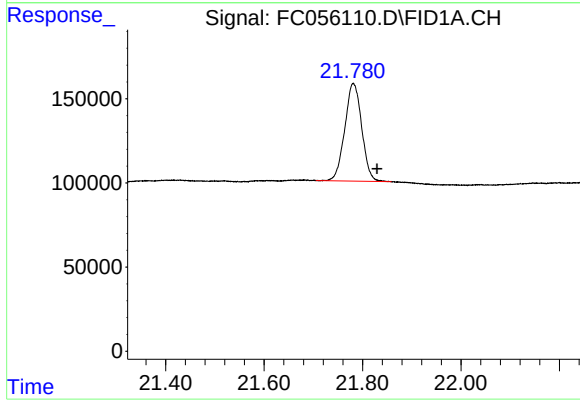
R.T.: 20.118 min
Delta R.T.: -0.033 min
Response: 1515185
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.036 min
Response: 1422988
Conc: 17.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.781 min
Delta R.T.: -0.048 min
Response: 1387380
Conc: 17.31 ug/ml