

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101620AL\
 Data File : FC050161.D
 Signal(s) : FID1A.CH
 Acq On : 16 Oct 2020 12:05
 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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 10/19/2020 3:08:51 PM

Integration File: autoint1.e
 Quant Time: Oct 17 02:26:48 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)	11.632	2071202	18.478 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
12) S 1-chlorooctadecane (S...	13.066	1600543	18.477 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.377	1975786	19.938 ug/ml
2) T n-Decane (C10)	4.448	1984654	19.934 ug/ml
3) T A~Naphthalene (C11.7)	6.042	2158132	19.581 ug/ml
4) T n-Dodecane (C12)	6.470	1997716	19.799 ug/ml
5) T A~2-methylnaphthalene...	7.101	2165645	19.457 ug/ml
6) T n-Tetradecane (C14)	8.267	1969901	19.663 ug/ml
7) T n-Hexadecane (C16)	9.868	1911356	19.394 ug/ml
8) T n-Octadecane (C18)	11.311	1965261	19.030 ug/ml
10) T n-Eicosane (C20)	12.620	1942199	18.665 ug/ml
11) T n-Heneicosane (C21)	13.232	1915616	18.434 ug/ml
13) T n-Docosane (C22)	13.818	1893540	18.241 ug/ml
14) T n-Tetracosane (C24)	14.920	1844861	17.762 ug/ml
15) T n-Hexacosane (C26)	15.940	1797385	17.442 ug/ml
16) T n-Octacosane (C28)	16.889	1773121	17.133 ug/ml
17) T n-Tricontane (C30)	17.776	1732384	16.976 ug/ml
18) T n-Dotriacontane (C32)	18.606	1629074	16.958 ug/ml
19) T n-Tetratriacontane (C34)	19.389	1579133	17.216 ug/mlm
20) T n-Hexatriacontane (C36)	20.127	1531875	17.295 ug/mlm
21) T n-Octatriacontane (C38)	20.872	1534956	18.615 ug/mlm
22) T n-Tetracontane (C40)	21.805	1534096	18.346 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

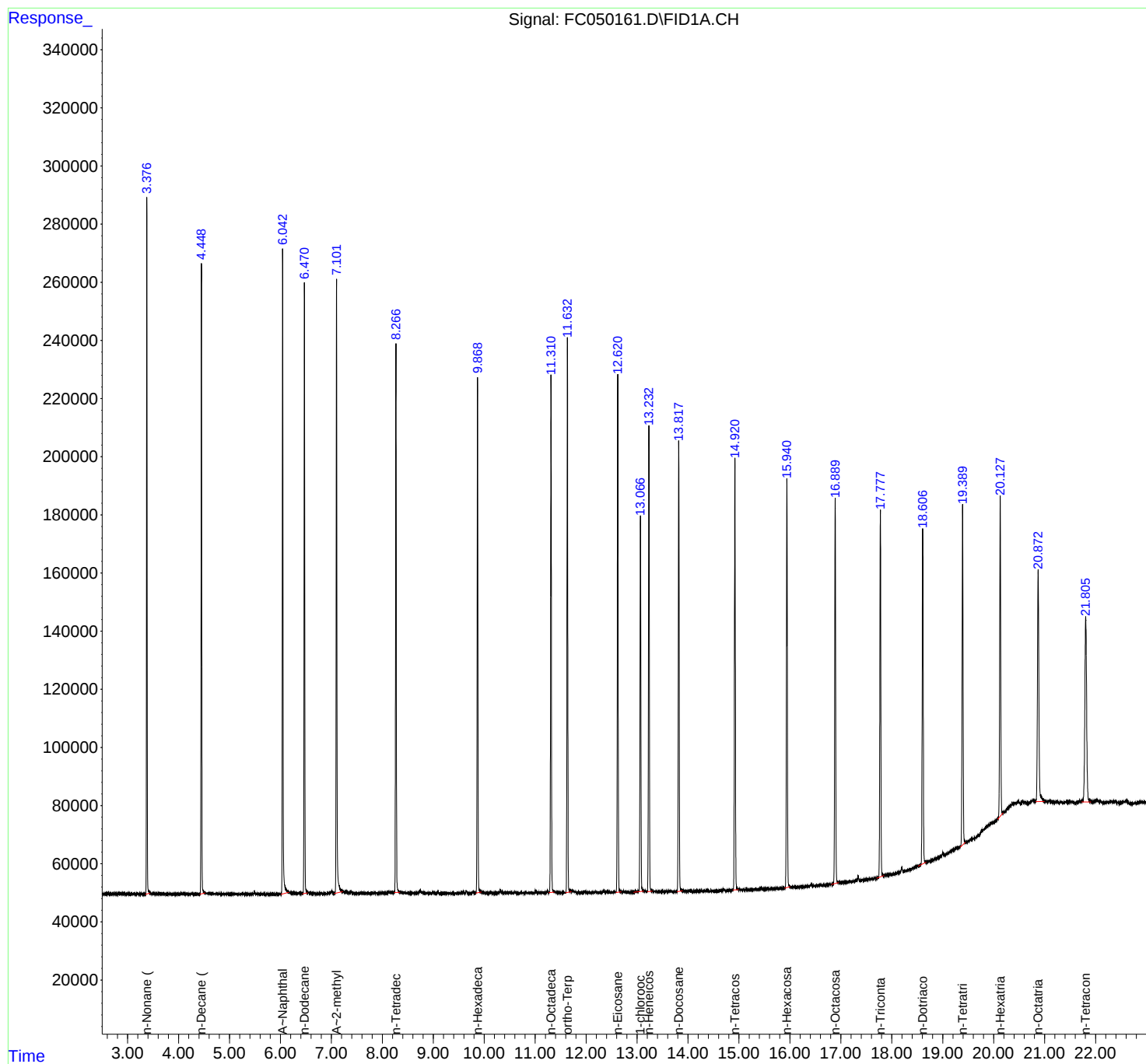
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

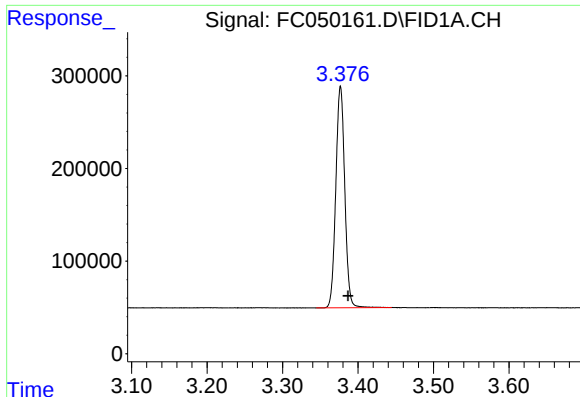
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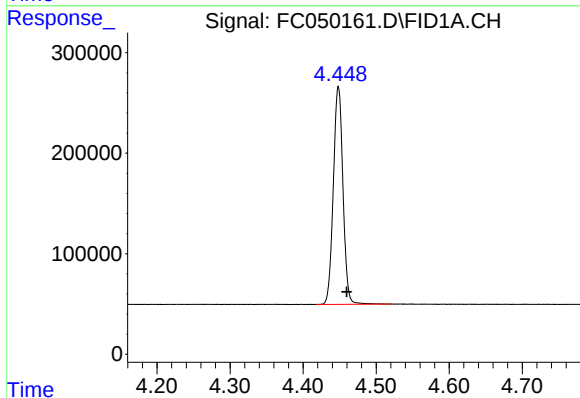
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.010 min
Response: 1975786
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

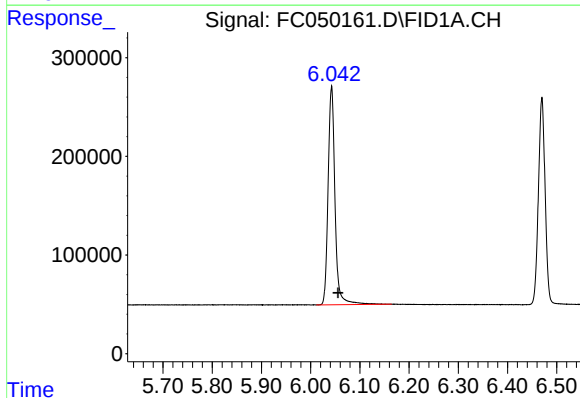
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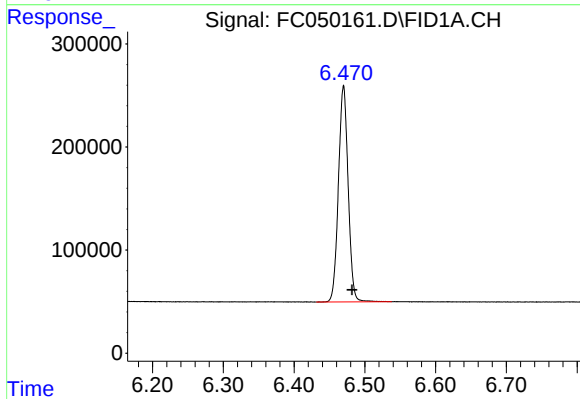
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.011 min
Response: 1984654
Conc: 19.93 ug/ml



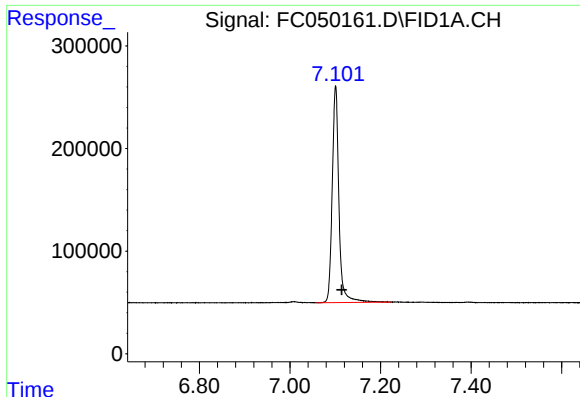
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: -0.014 min
Response: 2158132
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 1997716
Conc: 19.80 ug/ml



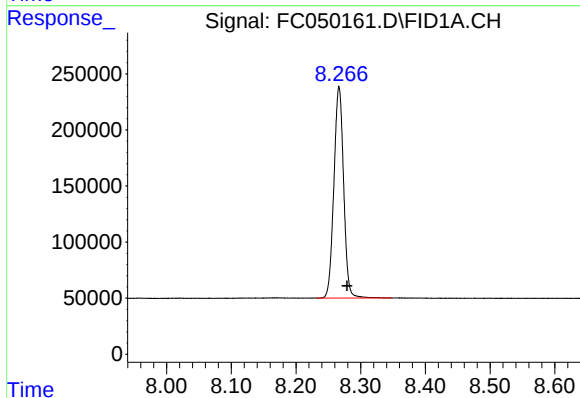
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.014 min
Response: 2165645
Conc: 19.46 ug/ml

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20 PPM ALIPHATIC HC STD

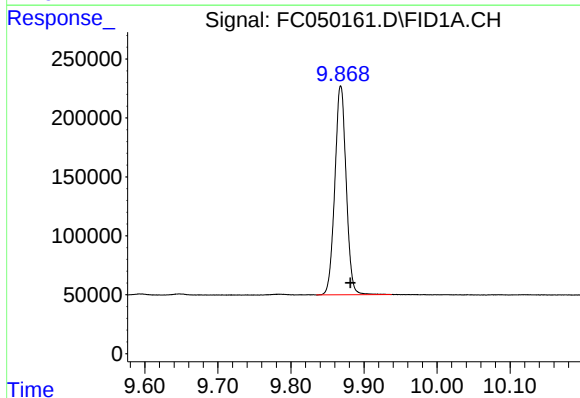
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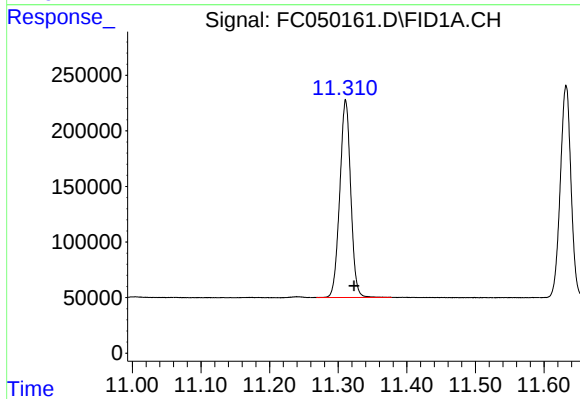
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: -0.012 min
Response: 1969901
Conc: 19.66 ug/ml



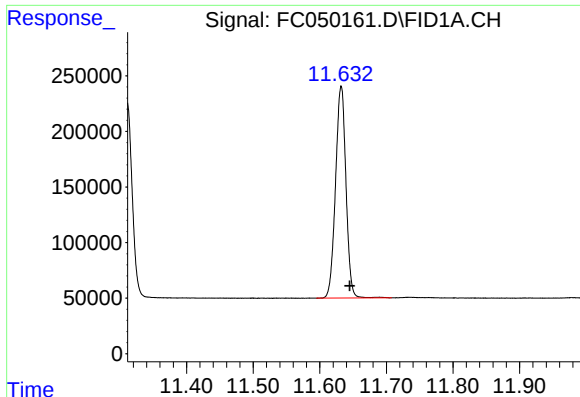
#7 n-Hexadecane (C16)

R.T.: 9.868 min
Delta R.T.: -0.013 min
Response: 1911356
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.311 min
Delta R.T.: -0.012 min
Response: 1965261
Conc: 19.03 ug/ml



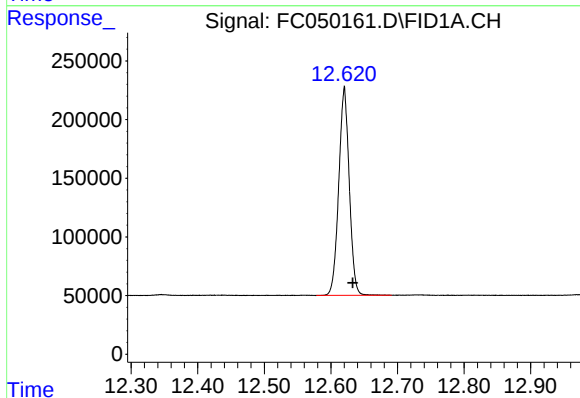
#9 ortho-Terphenyl (SURR)

R.T.: 11.632 min
Delta R.T.: -0.013 min
Response: 2071202
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

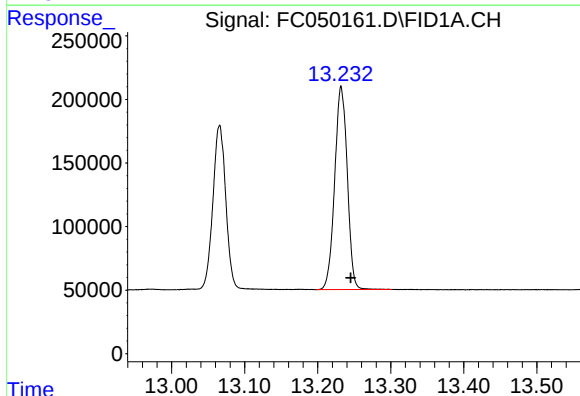
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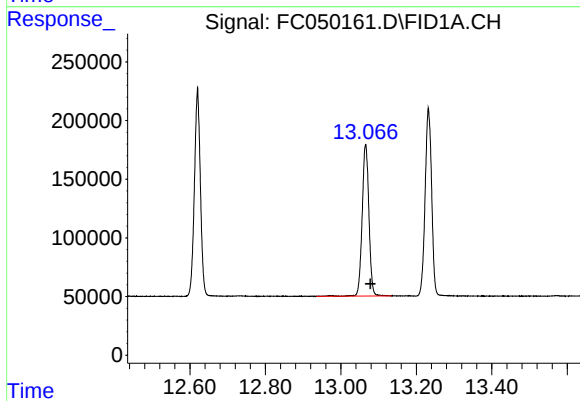
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.012 min
Response: 1942199
Conc: 18.67 ug/ml



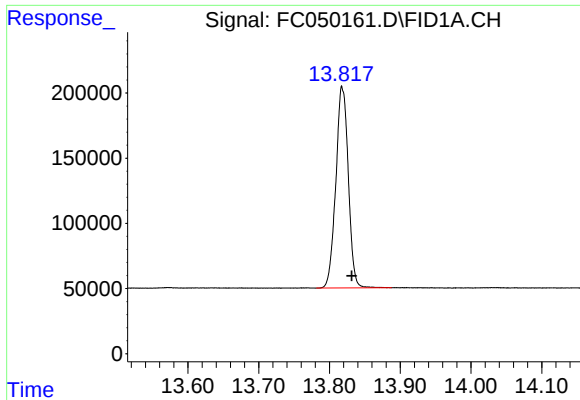
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.013 min
Response: 1915616
Conc: 18.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.066 min
Delta R.T.: -0.013 min
Response: 1600543
Conc: 18.48 ug/ml



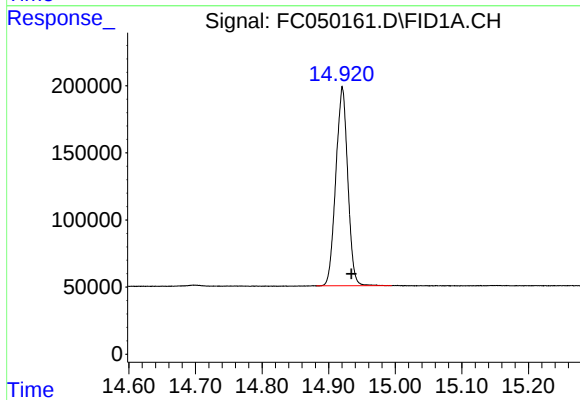
#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: -0.013 min
Response: 1893540
Conc: 18.24 ug/ml

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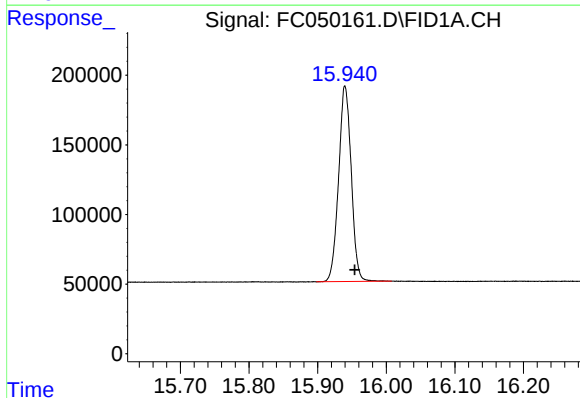
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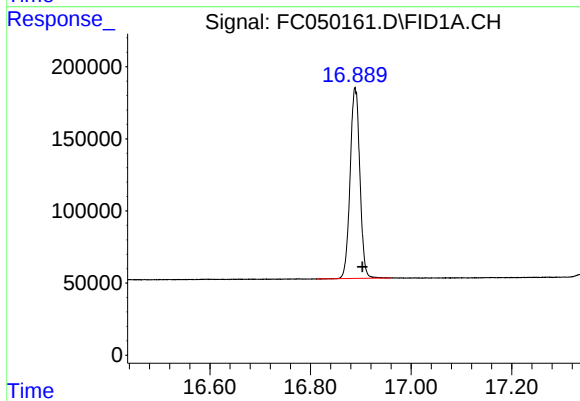
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: -0.014 min
Response: 1844861
Conc: 17.76 ug/ml



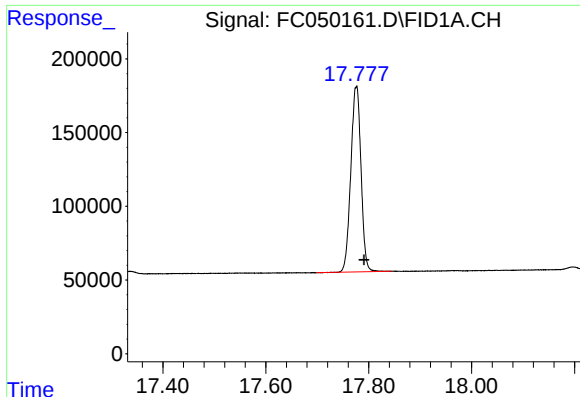
#15 n-Hexacosane (C26)

R.T.: 15.940 min
Delta R.T.: -0.014 min
Response: 1797385
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.015 min
Response: 1773121
Conc: 17.13 ug/ml



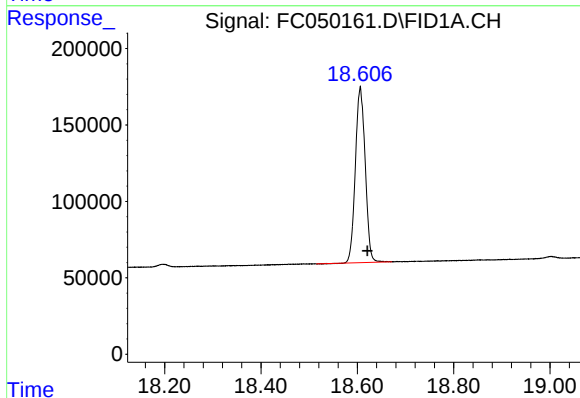
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.015 min
Response: 1732384
Conc: 16.98 ug/ml

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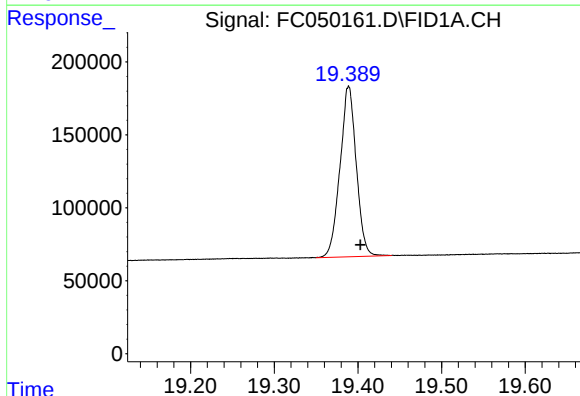
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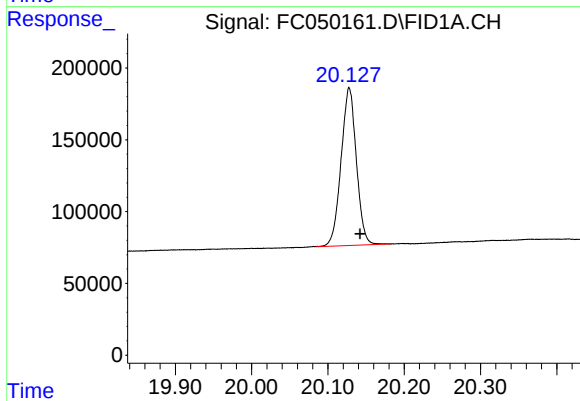
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: -0.015 min
Response: 1629074
Conc: 16.96 ug/ml



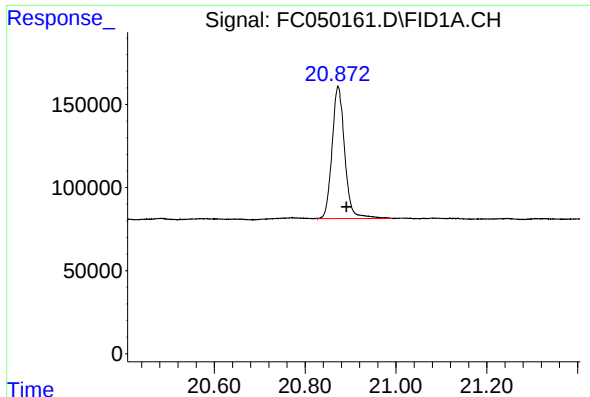
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: -0.015 min
Response: 1579133
Conc: 17.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: -0.015 min
Response: 1531875
Conc: 17.29 ug/ml m



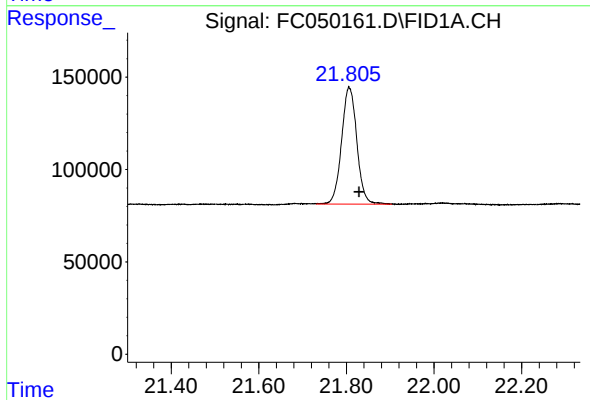
#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: -0.019 min
Response: 1534956
Conc: 18.62 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: -0.024 min
Response: 1534096
Conc: 18.35 ug/ml m