

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121620AL\
 Data File : FC051331.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2020 19:54
 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

Integration File: autoint1.e
 Quant Time: Dec 17 00:11:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.574	2042399	16.599 ug/ml
Spiked Amount 50.000		Recovery =	33.20%
12) S 1-chlorooctadecane (S...	13.008	1560732	15.999 ug/ml
Spiked Amount 50.000		Recovery =	32.00%
Target Compounds			
1) T n-Nonane (C9)	3.333	2017064	18.954 ug/ml
2) T n-Decane (C10)	4.401	2007845	18.905 ug/ml
3) T A~Naphthalene (C11.7)	5.992	2107756	18.748 ug/ml
4) T n-Dodecane (C12)	6.418	2052875	18.867 ug/ml
5) T A~2-methylnaphthalene...	7.049	2037878	18.032 ug/ml
6) T n-Tetradecane (C14)	8.213	2007478	18.553 ug/ml
7) T n-Hexadecane (C16)	9.813	1942195	18.098 ug/ml
8) T n-Octadecane (C18)	11.254	1969553	17.268 ug/ml
10) T n-Eicosane (C20)	12.563	1922984	16.553 ug/ml
11) T n-Heneicosane (C21)	13.174	1881972	16.243 ug/ml
13) T n-Docosane (C22)	13.760	1848386	15.959 ug/ml
14) T n-Tetracosane (C24)	14.861	1797298	15.627 ug/ml
15) T n-Hexacosane (C26)	15.881	1763775	15.665 ug/ml
16) T n-Octacosane (C28)	16.828	1759871	15.894 ug/ml
17) T n-Tricontane (C30)	17.715	1754432	16.516 ug/ml
18) T n-Dotriacontane (C32)	18.545	1666764	17.058 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1593417	17.854 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1539403	18.457 ug/ml
21) T n-Octatriacontane (C38)	20.801	1465952	18.824 ug/ml
22) T n-Tetracontane (C40)	21.712	1438602	17.375 ug/ml

(f)=RT Delta > 1/2 Window

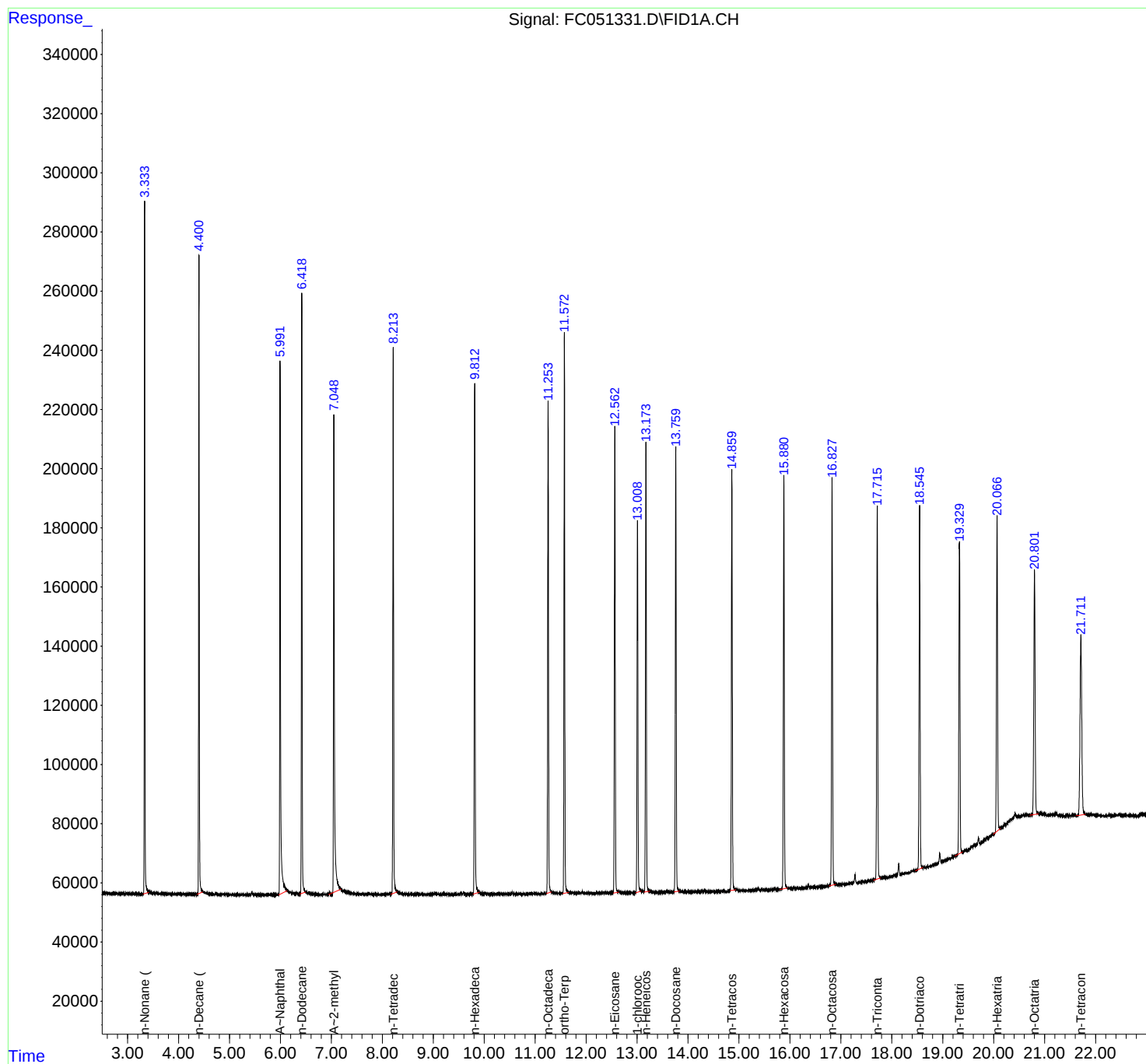
(m)=manual int.

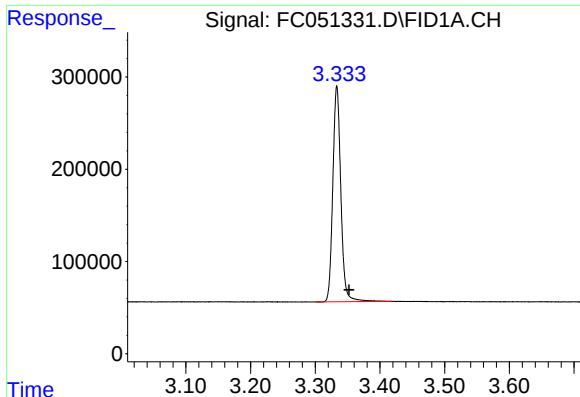
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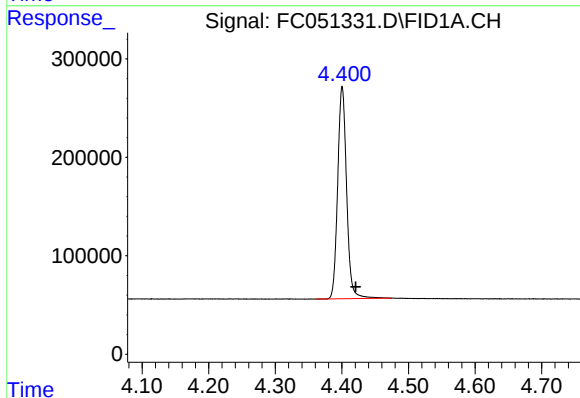




#1 n-Nonane (C9)

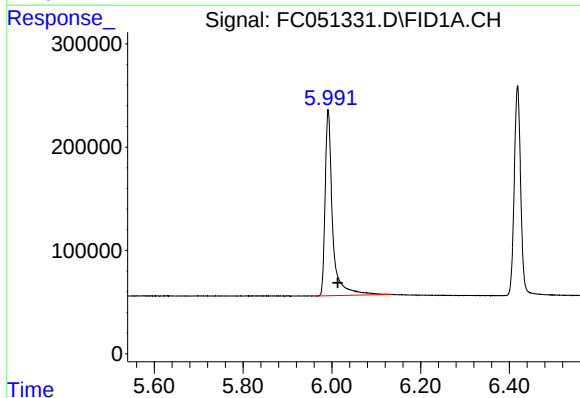
R.T.: 3.333 min
Delta R.T.: -0.019 min
Response: 2017064
Conc: 18.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



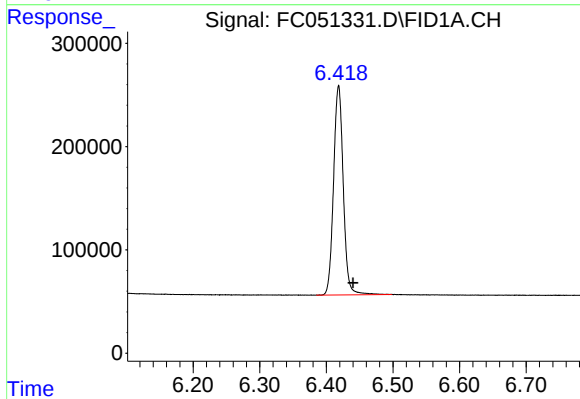
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.020 min
Response: 2007845
Conc: 18.90 ug/ml



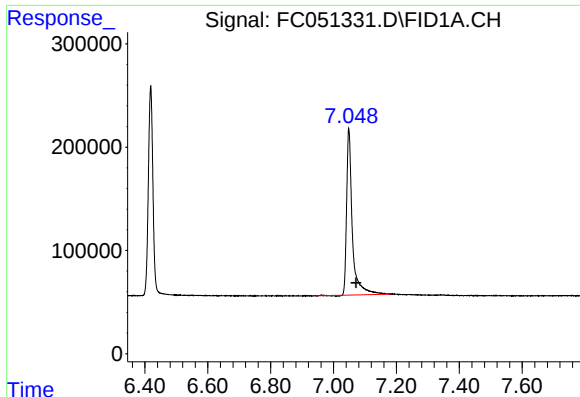
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.021 min
Response: 2107756
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

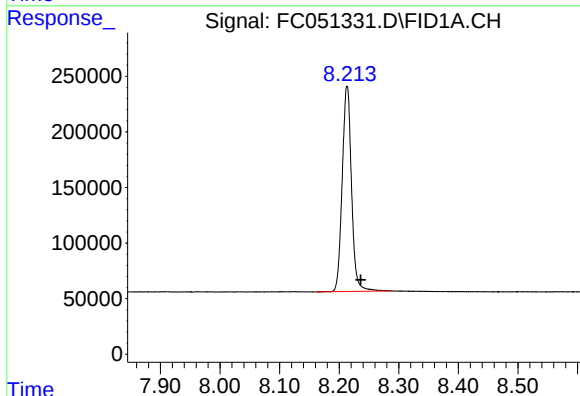
R.T.: 6.418 min
Delta R.T.: -0.022 min
Response: 2052875
Conc: 18.87 ug/ml



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

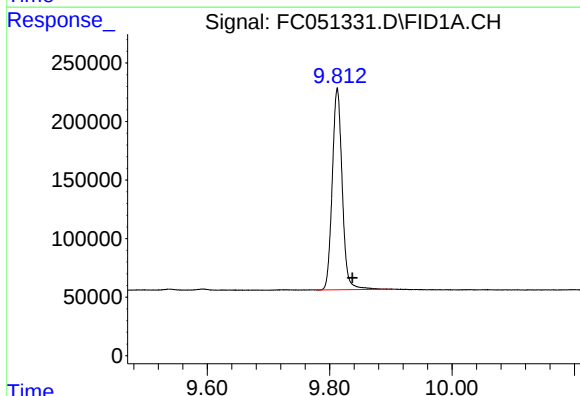
R.T.: 7.049 min
Delta R.T.: -0.022 min
Response: 2037878
Conc: 18.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



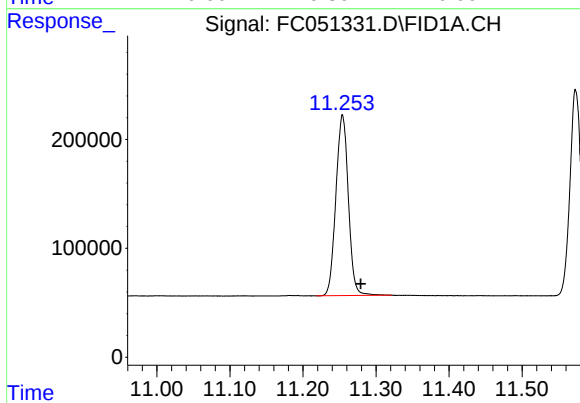
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: -0.023 min
Response: 2007478
Conc: 18.55 ug/ml



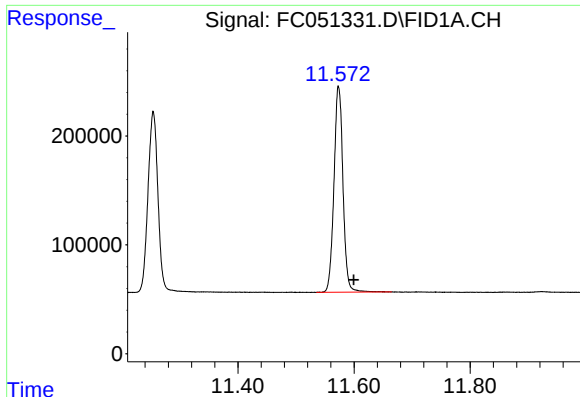
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.025 min
Response: 1942195
Conc: 18.10 ug/ml



#8 n-Octadecane (C18)

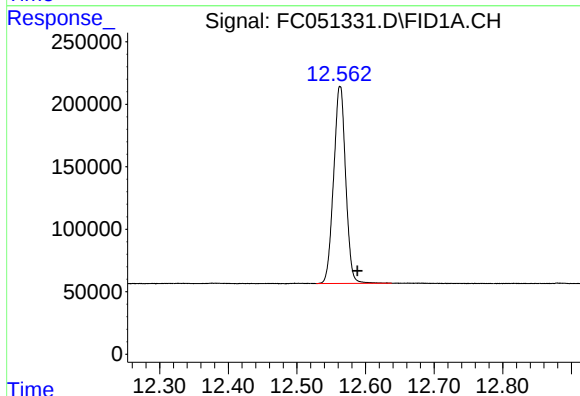
R.T.: 11.254 min
Delta R.T.: -0.025 min
Response: 1969553
Conc: 17.27 ug/ml



#9 ortho-Terphenyl (SURR)

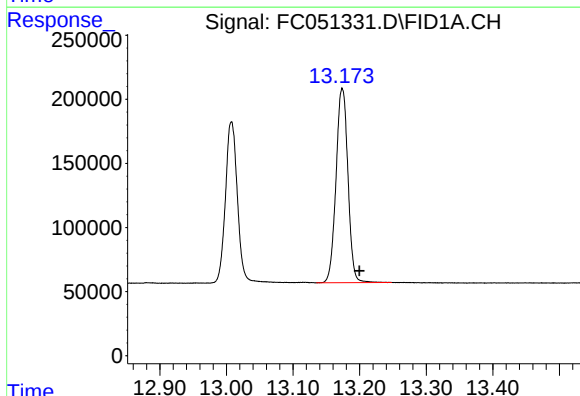
R.T.: 11.574 min
Delta R.T.: -0.026 min
Response: 2042399
Conc: 16.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



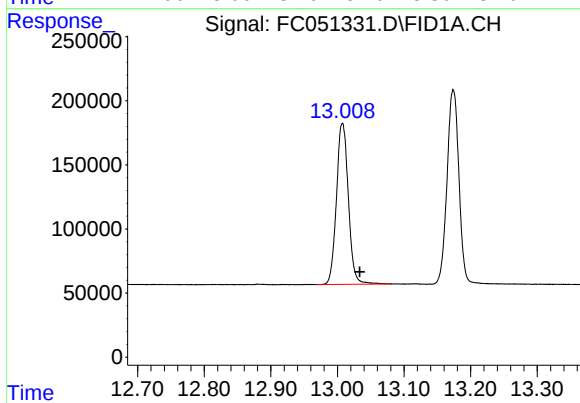
#10 n-Eicosane (C20)

R.T.: 12.563 min
Delta R.T.: -0.025 min
Response: 1922984
Conc: 16.55 ug/ml



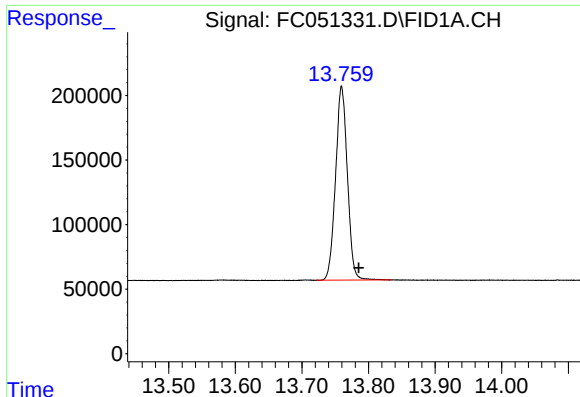
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: -0.026 min
Response: 1881972
Conc: 16.24 ug/ml



#12 1-chlorooctadecane (SURR)

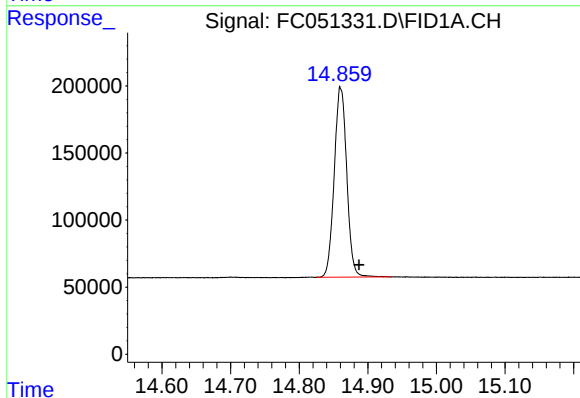
R.T.: 13.008 min
Delta R.T.: -0.026 min
Response: 1560732
Conc: 16.00 ug/ml



#13 n-Docosane (C22)

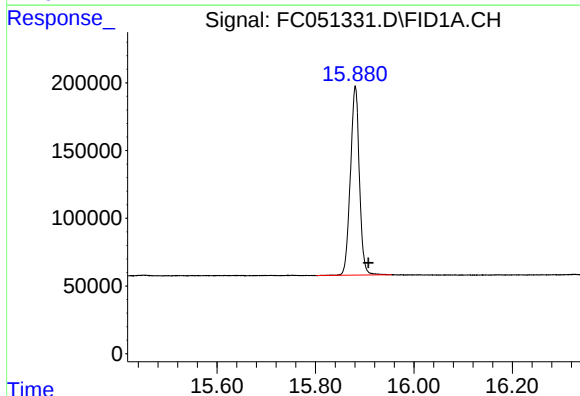
R.T.: 13.760 min
Delta R.T.: -0.026 min
Response: 1848386
Conc: 15.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



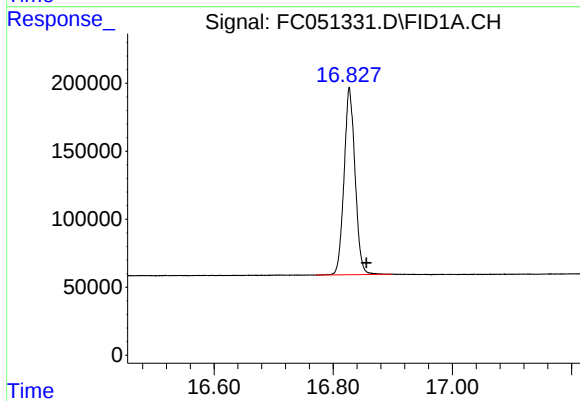
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.027 min
Response: 1797298
Conc: 15.63 ug/ml



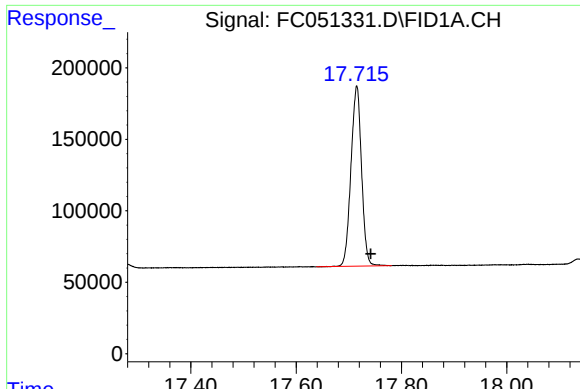
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.027 min
Response: 1763775
Conc: 15.66 ug/ml



#16 n-Octacosane (C28)

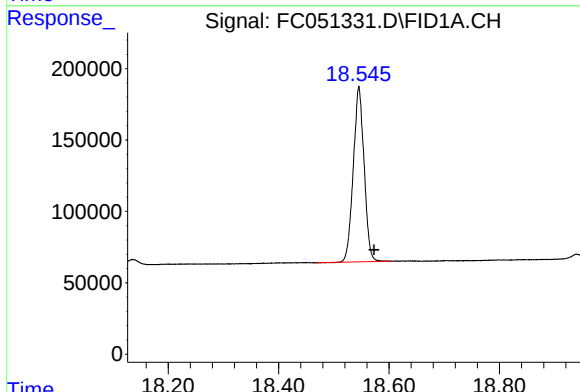
R.T.: 16.828 min
Delta R.T.: -0.028 min
Response: 1759871
Conc: 15.89 ug/ml



#17 n-Tricontane (C30)

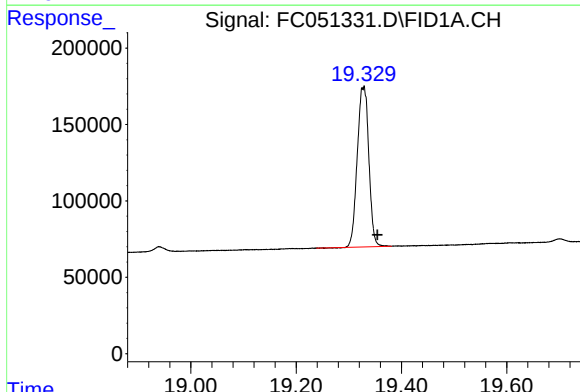
R.T.: 17.715 min
Delta R.T.: -0.027 min
Response: 1754432
Conc: 16.52 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



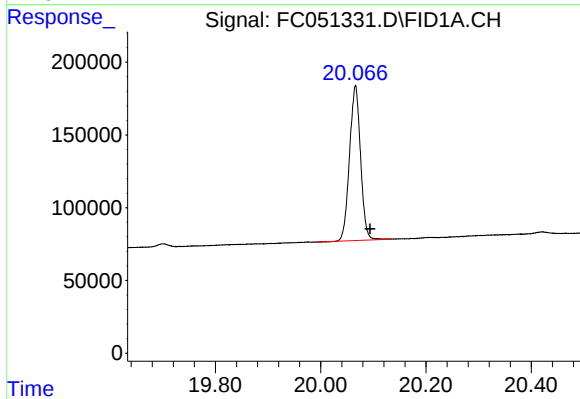
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.027 min
Response: 1666764
Conc: 17.06 ug/ml



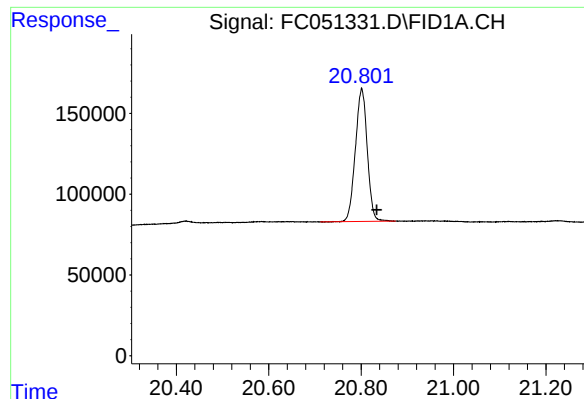
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.027 min
Response: 1593417
Conc: 17.85 ug/ml



#20 n-Hexatriacontane (C36)

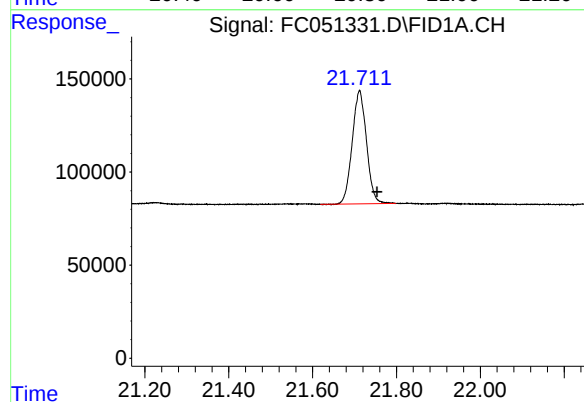
R.T.: 20.066 min
Delta R.T.: -0.028 min
Response: 1539403
Conc: 18.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.033 min
Response: 1465952
Conc: 18.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: -0.042 min
Response: 1438602
Conc: 17.37 ug/ml