

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
 Data File : FC056423.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2021 8:36
 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: sample.E
 Quant Time: Oct 27 09:03:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.621	2402217	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	13.053	1857116	19.300 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.381	2256396	20.847 ug/ml
2) T n-Decane (C10)	4.447	2269364	21.068 ug/ml
3) T A~Naphthalene (C11.7)	6.037	2564300	21.033 ug/ml
4) T n-Dodecane (C12)	6.465	2301337	20.876 ug/ml
5) T A~2-methylnaphthalene...	7.094	2558795	20.895 ug/ml
6) T n-Tetradecane (C14)	8.260	2313828	20.610 ug/ml
7) T n-Hexadecane (C16)	9.860	2296943	20.204 ug/ml
8) T n-Octadecane (C18)	11.300	2316879	19.827 ug/ml
10) T n-Eicosane (C20)	12.607	2240923	19.499 ug/ml
11) T n-Heneicosane (C21)	13.218	2220986	19.326 ug/ml
13) T n-Docosane (C22)	13.803	2159536	19.181 ug/ml
14) T n-Tetracosane (C24)	14.902	2100383	19.059 ug/ml
15) T n-Hexacosane (C26)	15.920	1974701	18.710 ug/ml
16) T n-Octacosane (C28)	16.866	1899821	18.316 ug/ml
17) T n-Tricontane (C30)	17.750	1849225	17.848 ug/ml
18) T n-Dotriacontane (C32)	18.579	1796546	18.751 ug/ml
19) T n-Tetratriacontane (C34)	19.358	1794549	20.460 ug/ml
20) T n-Hexatriacontane (C36)	20.094	1759335	21.494 ug/ml
21) T n-Octatriacontane (C38)	20.828	1738847	21.742 ug/ml
22) T n-Tetracontane (C40)	21.745	1786279	21.681 ug/ml

(f)=RT Delta > 1/2 Window

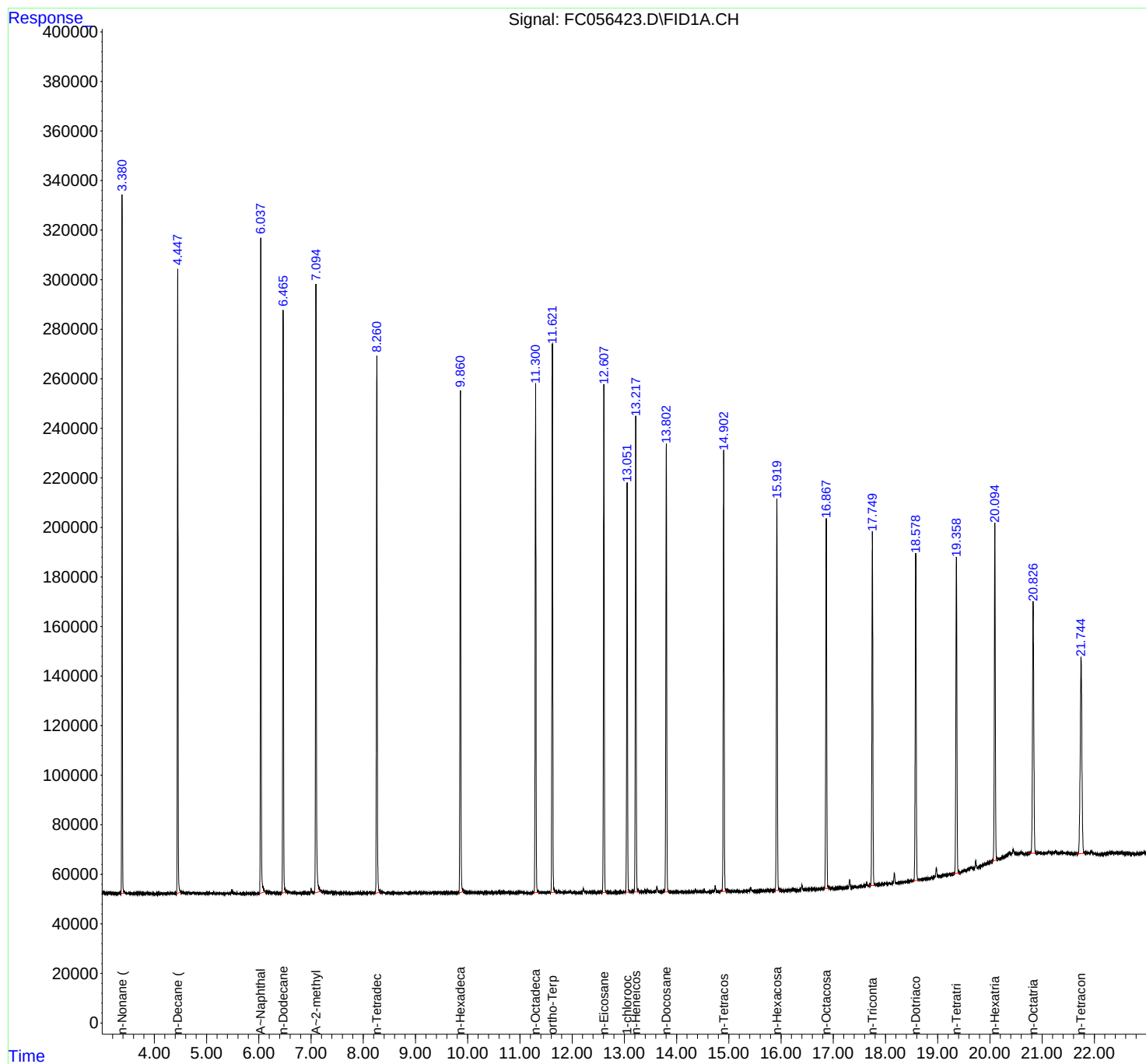
(m)=manual int.

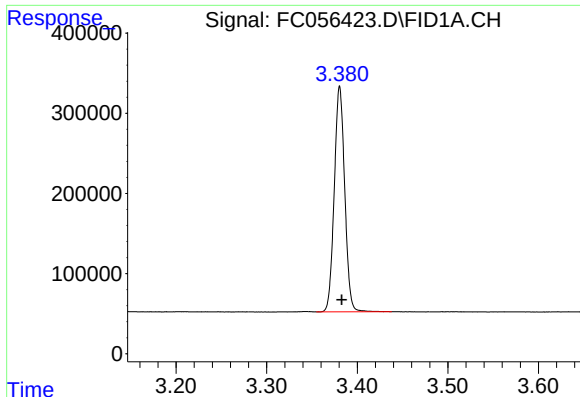
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102621AL\
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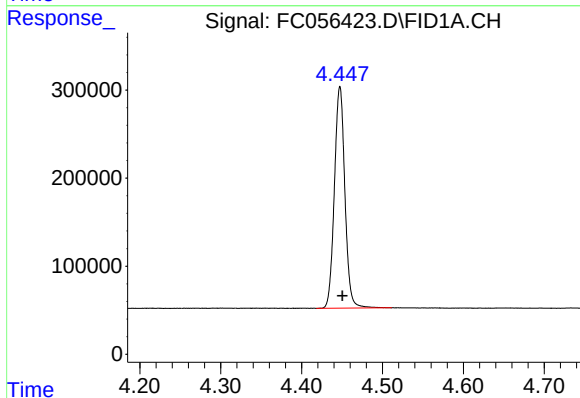




#1 n-Nonane (C9)

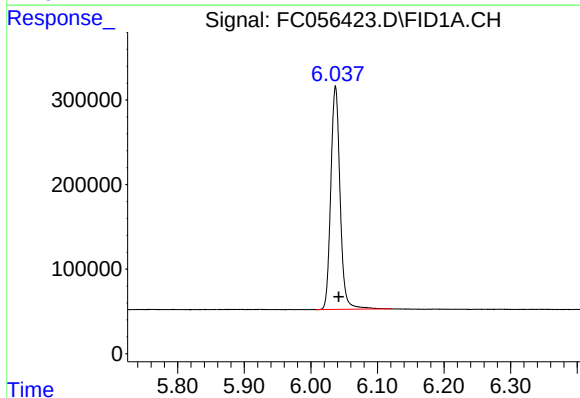
R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2256396
Conc: 20.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



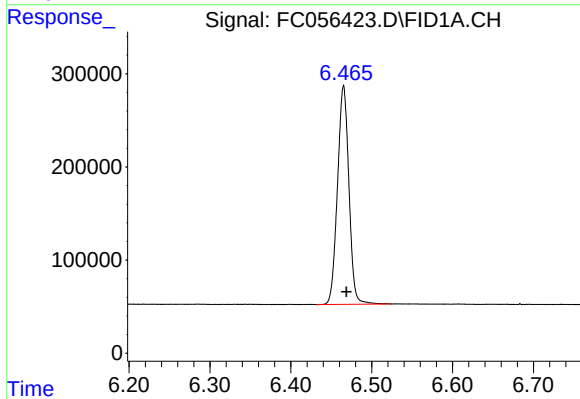
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.003 min
Response: 2269364
Conc: 21.07 ug/ml



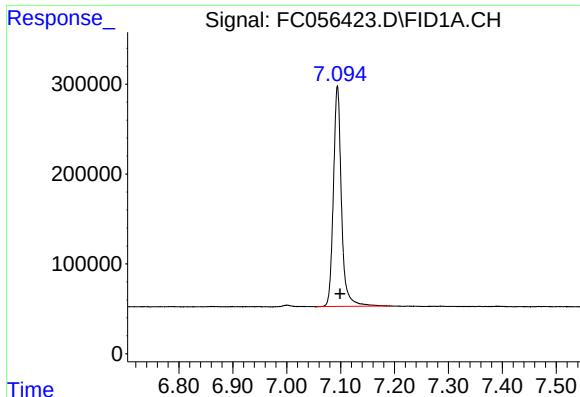
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 2564300
Conc: 21.03 ug/ml



#4 n-Dodecane (C12)

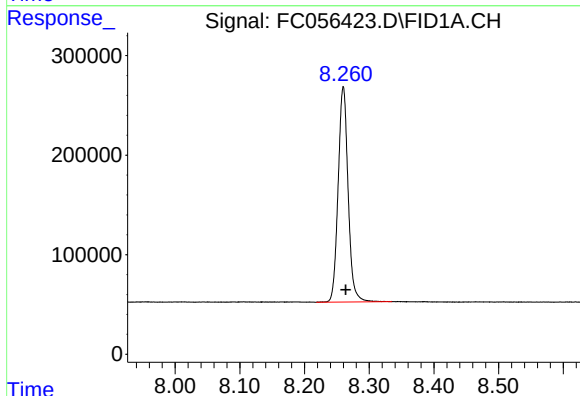
R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 2301337
Conc: 20.88 ug/ml



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

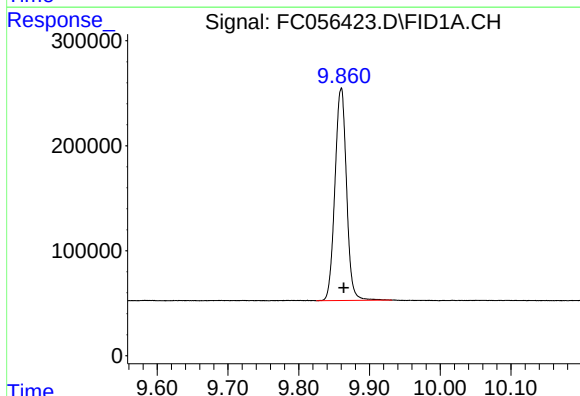
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 2558795
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



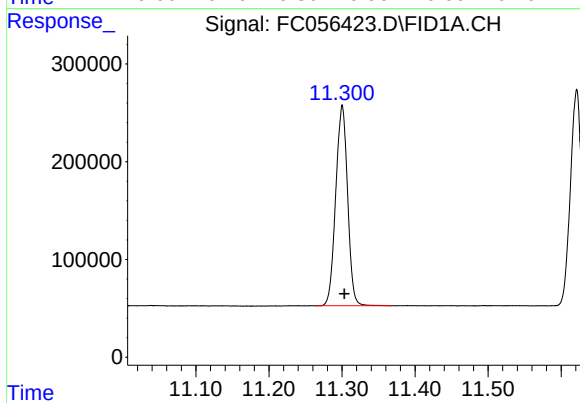
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.004 min
Response: 2313828
Conc: 20.61 ug/ml



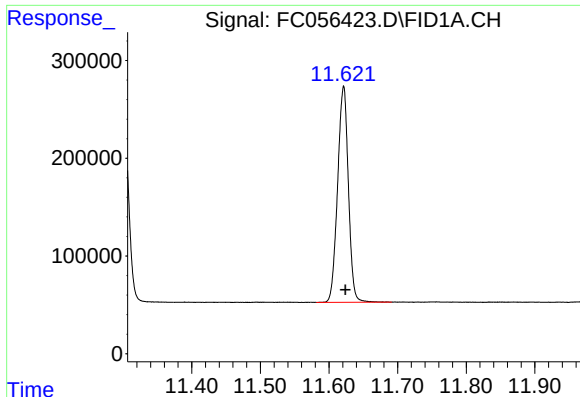
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.004 min
Response: 2296943
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

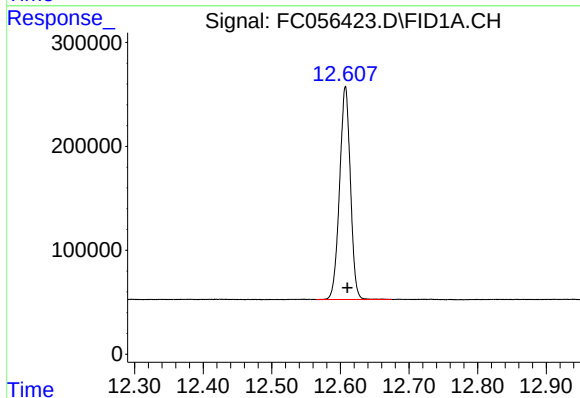
R.T.: 11.300 min
Delta R.T.: -0.003 min
Response: 2316879
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

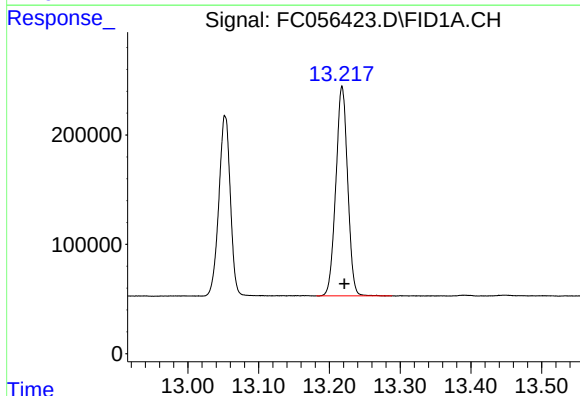
R.T.: 11.621 min
Delta R.T.: -0.003 min
Response: 2402217
Conc: 19.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



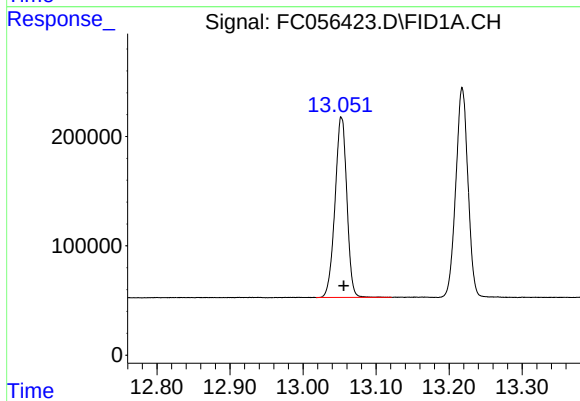
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.003 min
Response: 2240923
Conc: 19.50 ug/ml



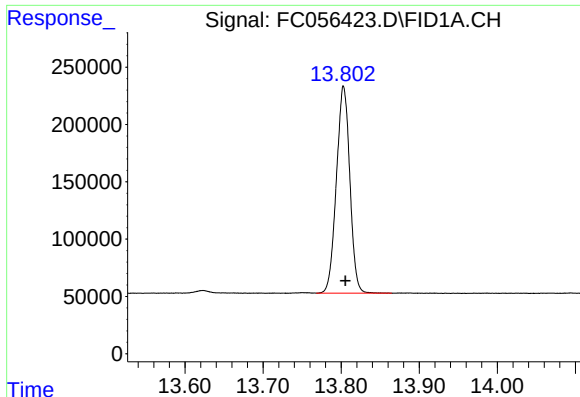
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.003 min
Response: 2220986
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

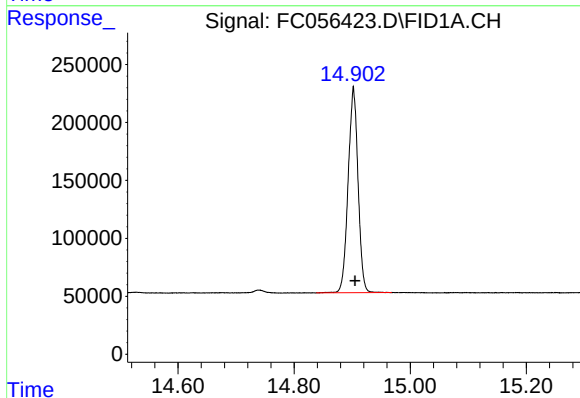
R.T.: 13.053 min
Delta R.T.: -0.003 min
Response: 1857116
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

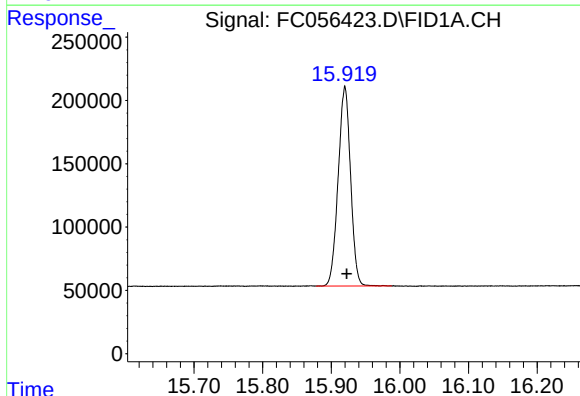
R.T.: 13.803 min
Delta R.T.: -0.002 min
Response: 2159536
Conc: 19.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



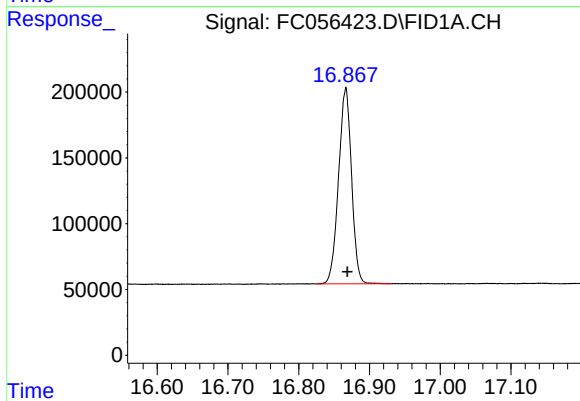
#14 n-Tetracosane (C24)

R.T.: 14.902 min
Delta R.T.: -0.003 min
Response: 2100383
Conc: 19.06 ug/ml



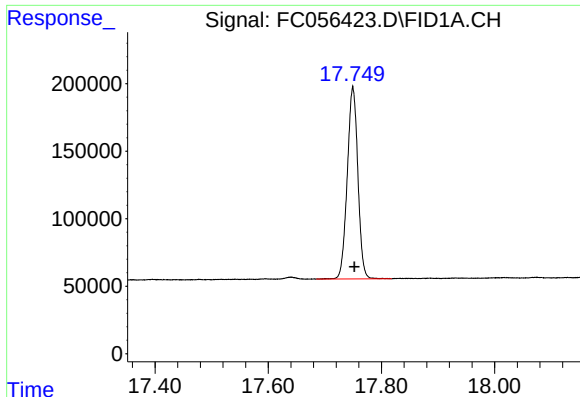
#15 n-Hexacosane (C26)

R.T.: 15.920 min
Delta R.T.: -0.003 min
Response: 1974701
Conc: 18.71 ug/ml



#16 n-Octacosane (C28)

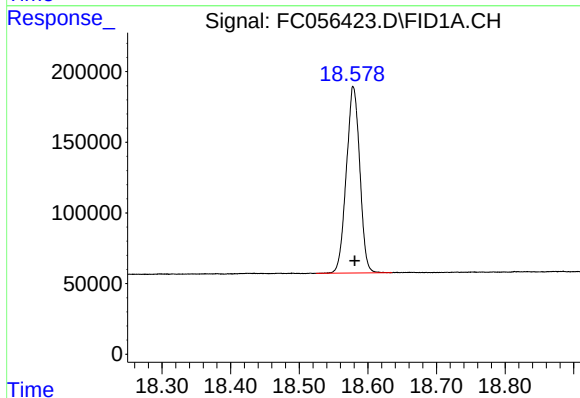
R.T.: 16.866 min
Delta R.T.: -0.003 min
Response: 1899821
Conc: 18.32 ug/ml



#17 n-Tricontane (C30)

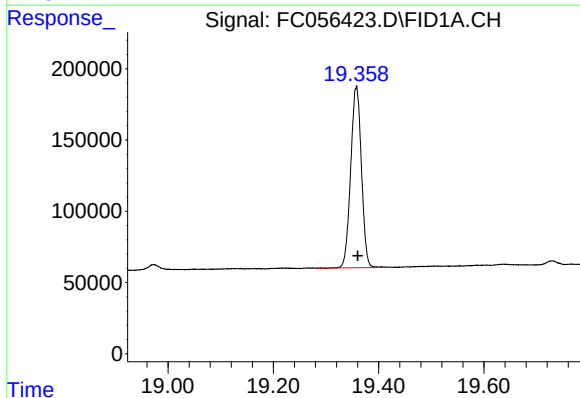
R.T.: 17.750 min
Delta R.T.: -0.003 min
Response: 1849225
Conc: 17.85 ug/ml

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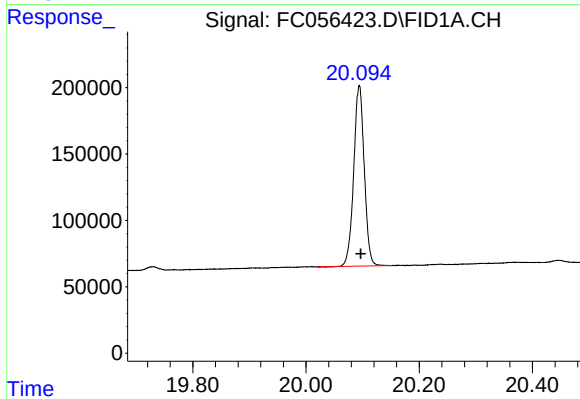
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.002 min
Response: 1796546
Conc: 18.75 ug/ml



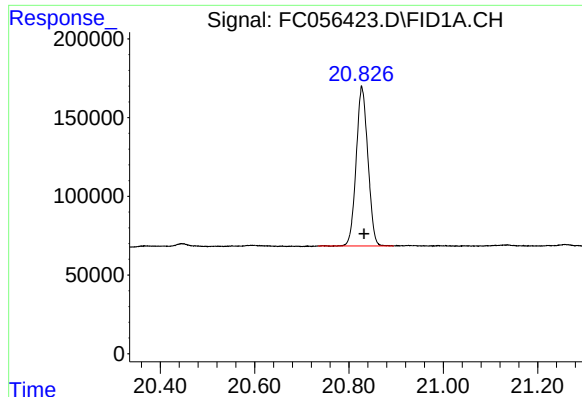
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.003 min
Response: 1794549
Conc: 20.46 ug/ml



#20 n-Hexatriacontane (C36)

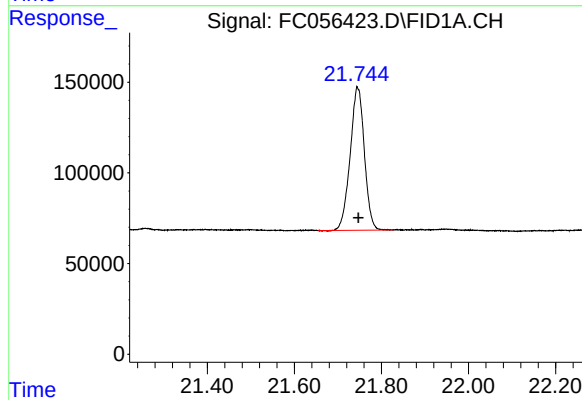
R.T.: 20.094 min
Delta R.T.: -0.003 min
Response: 1759335
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.828 min
Delta R.T.: -0.005 min
Response: 1738847
Conc: 21.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: -0.001 min
Response: 1786279
Conc: 21.68 ug/ml