

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102521AL\
 Data File : FC056398.D
 Signal(s) : FID1A.CH
 Acq On : 26 Oct 2021 15:15
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 15:40:31 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)	11.625	2352723	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	13.057	1812684	18.838 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.383	2262295	20.902 ug/ml
2) T n-Decane (C10)	4.449	2269252	21.066 ug/ml
3) T A~Naphthalene (C11.7)	6.040	2576248	21.131 ug/ml
4) T n-Dodecane (C12)	6.467	2316912	21.017 ug/ml
5) T A~2-methylnaphthalene...	7.097	2555193	20.865 ug/ml
6) T n-Tetradecane (C14)	8.263	2326699	20.725 ug/ml
7) T n-Hexadecane (C16)	9.863	2299949	20.230 ug/ml
8) T n-Octadecane (C18)	11.303	2292097	19.614 ug/ml
10) T n-Eicosane (C20)	12.611	2195525	19.104 ug/ml
11) T n-Heneicosane (C21)	13.222	2168939	18.873 ug/ml
13) T n-Docosane (C22)	13.807	2098221	18.637 ug/ml
14) T n-Tetracosane (C24)	14.907	1996151	18.113 ug/ml
15) T n-Hexacosane (C26)	15.925	1874439	17.760 ug/ml
16) T n-Octacosane (C28)	16.871	1791937	17.275 ug/ml
17) T n-Tricontane (C30)	17.756	1743644	16.829 ug/ml
18) T n-Dotriacontane (C32)	18.584	1713100	17.880 ug/ml
19) T n-Tetratriacontane (C34)	19.363	1725525	19.673 ug/ml
20) T n-Hexatriacontane (C36)	20.099	1696384	20.725 ug/ml
21) T n-Octatriacontane (C38)	20.835	1701997	21.281 ug/ml
22) T n-Tetracontane (C40)	21.754	1687368	20.480 ug/ml

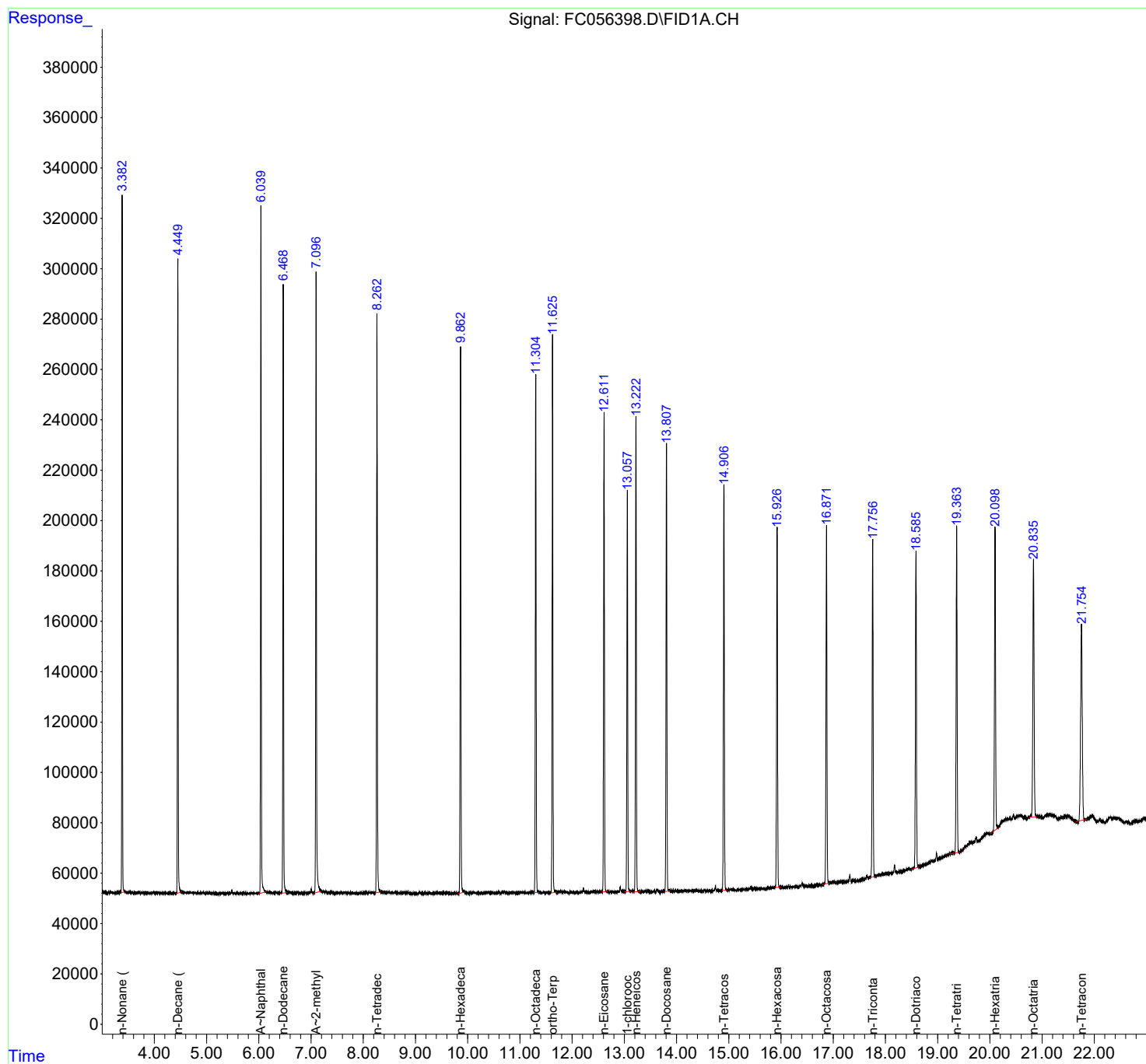
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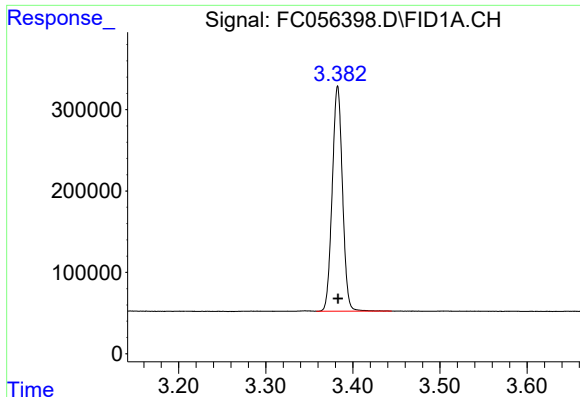
(m)=manual int.

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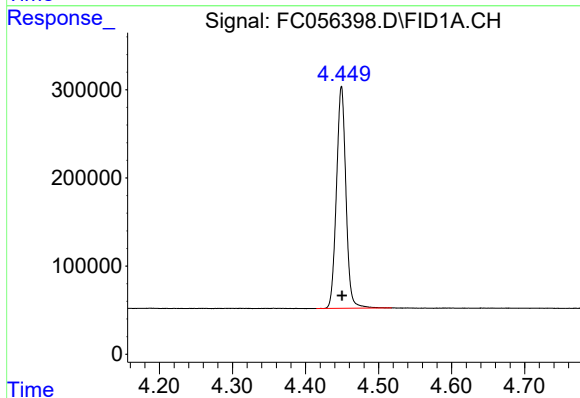
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





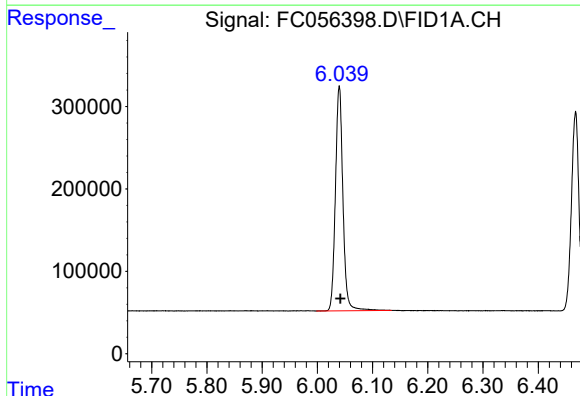
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2262295
Conc: 20.90 ug/ml



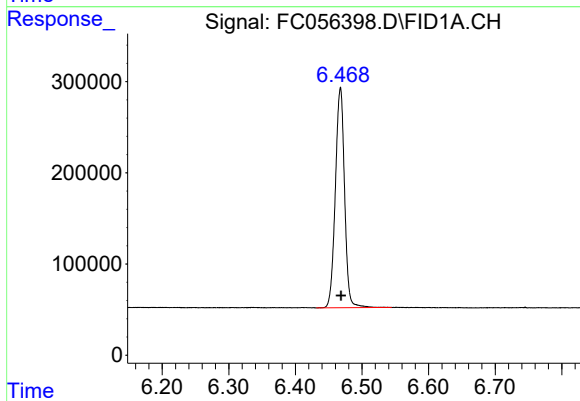
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.001 min
Response: 2269252
Conc: 21.07 ug/ml



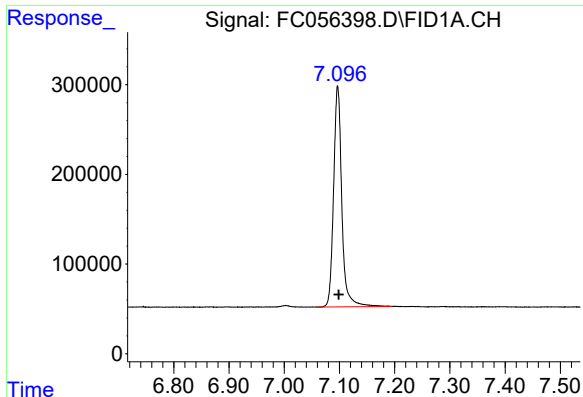
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 2576248
Conc: 21.13 ug/ml



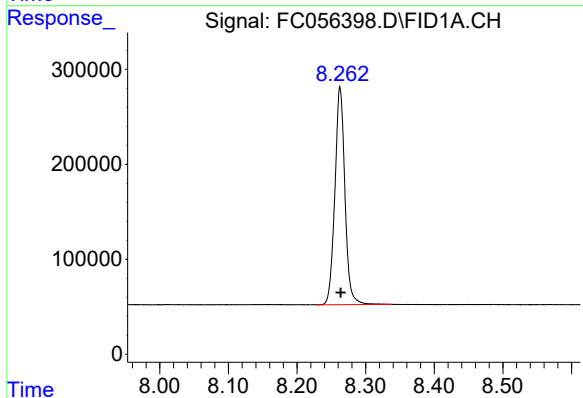
#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 2316912
Conc: 21.02 ug/ml



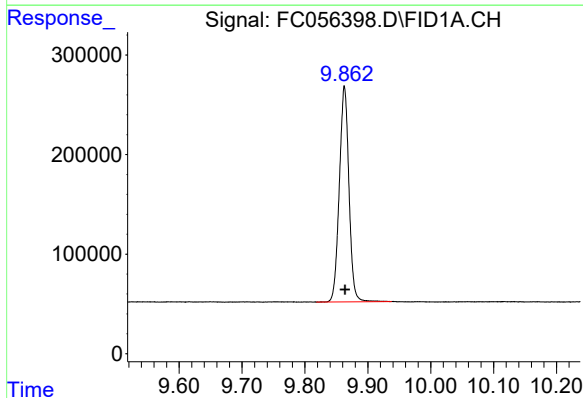
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 2555193
Conc: 20.87 ug/ml



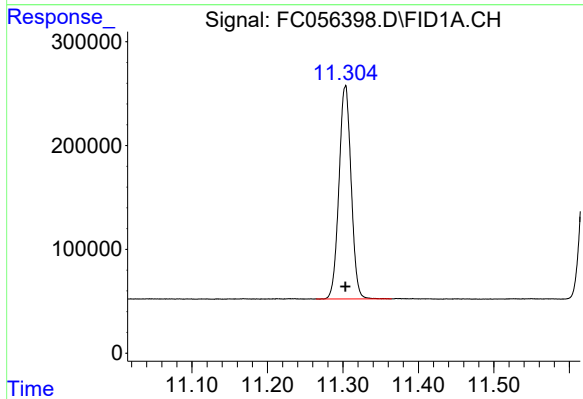
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 2326699
Conc: 20.72 ug/ml



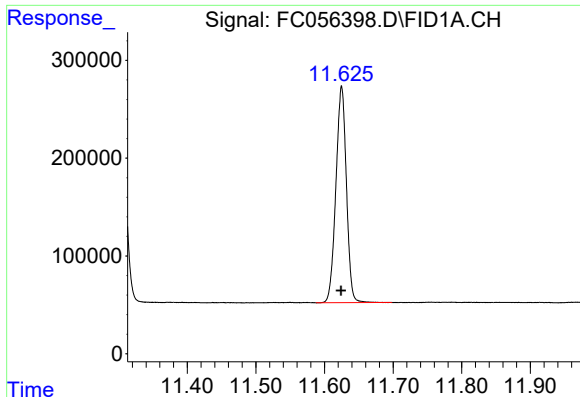
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 2299949
Conc: 20.23 ug/ml



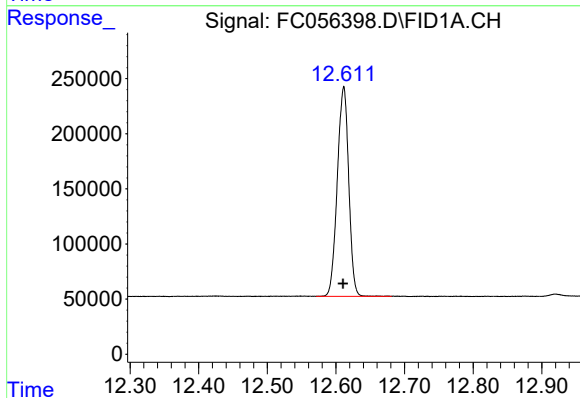
#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: 0.000 min
Response: 2292097
Conc: 19.61 ug/ml



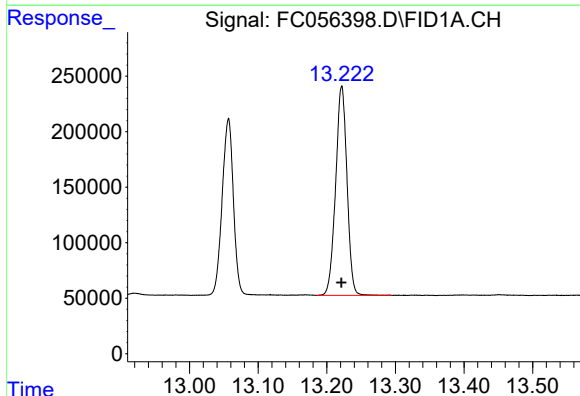
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 2352723
Conc: 19.00 ug/ml



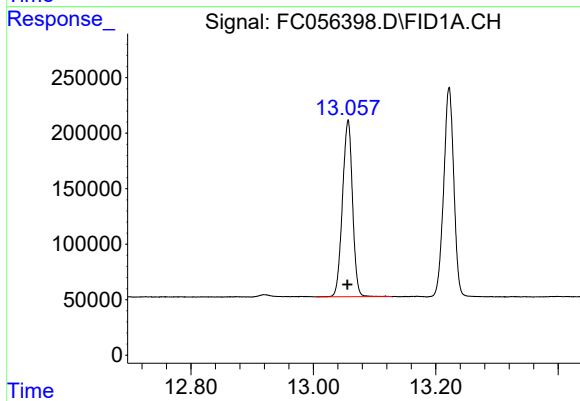
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: 0.000 min
Response: 2195525
Conc: 19.10 ug/ml



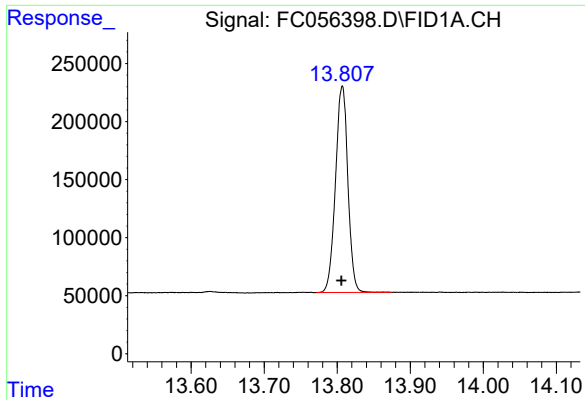
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.000 min
Response: 2168939
Conc: 18.87 ug/ml



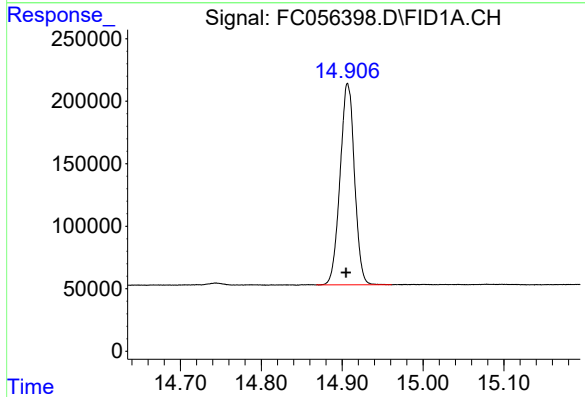
#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 1812684
Conc: 18.84 ug/ml



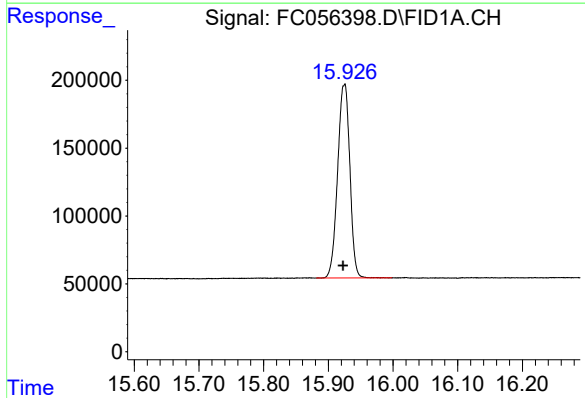
#13 n-Docosane (C22)

R.T.: 13.807 min
Delta R.T.: 0.001 min
Response: 2098221
Conc: 18.64 ug/ml



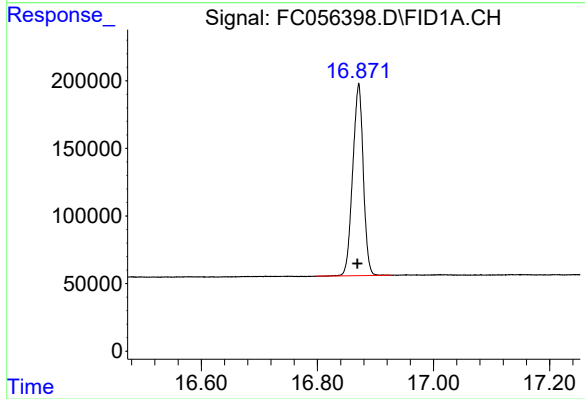
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: 0.002 min
Response: 1996151
Conc: 18.11 ug/ml



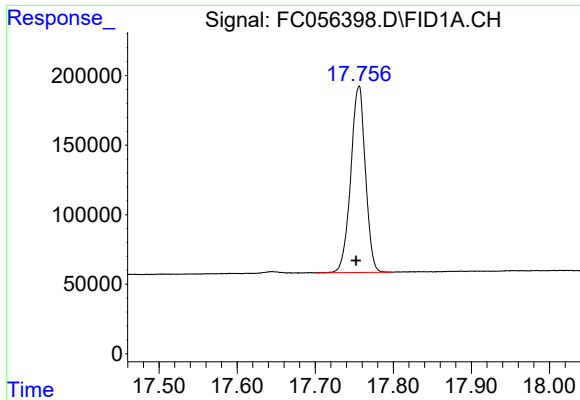
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: 0.002 min
Response: 1874439
Conc: 17.76 ug/ml



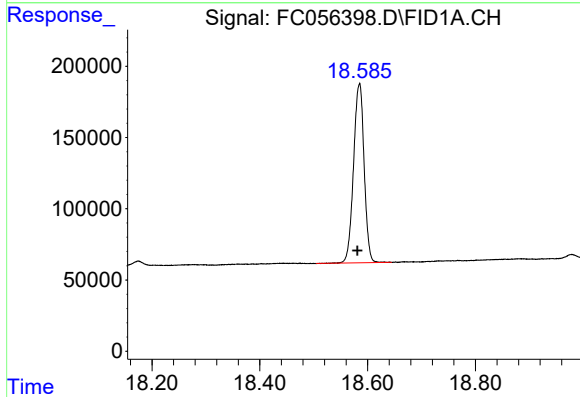
#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: 0.002 min
Response: 1791937
Conc: 17.28 ug/ml



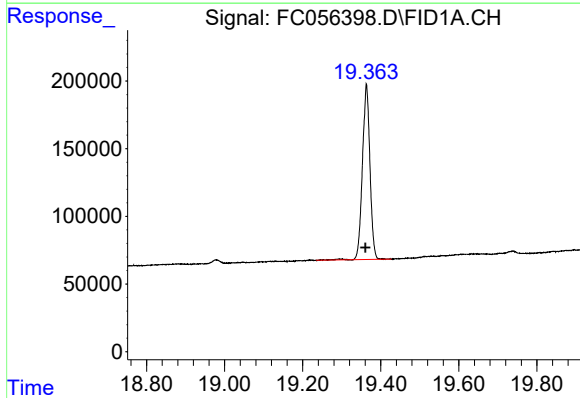
#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: 0.003 min
Response: 1743644
Conc: 16.83 ug/ml



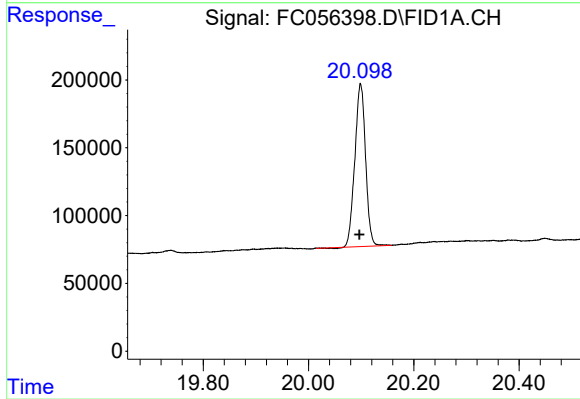
#18 n-Dotriacontane (C32)

R.T.: 18.584 min
Delta R.T.: 0.004 min
Response: 1713100
Conc: 17.88 ug/ml



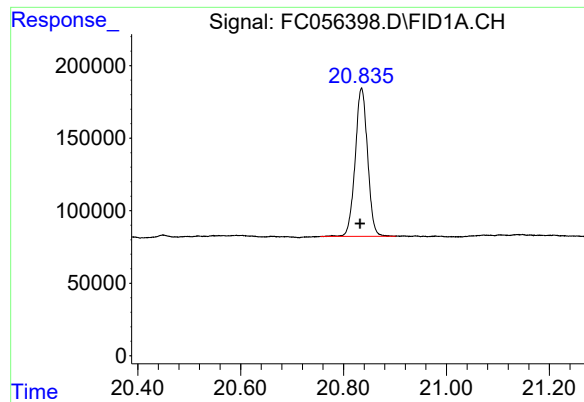
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min
Delta R.T.: 0.003 min
Response: 1725525
Conc: 19.67 ug/ml



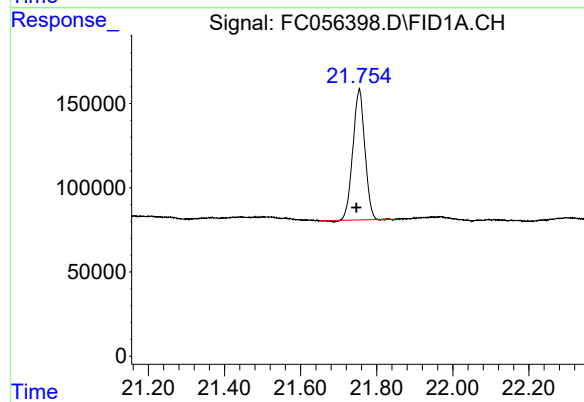
#20 n-Hexatriacontane (C36)

R.T.: 20.099 min
Delta R.T.: 0.002 min
Response: 1696384
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: 0.003 min
Response: 1701997
Conc: 21.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.007 min
Response: 1687368
Conc: 20.48 ug/ml