

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111121AL\
 Data File : FC056726.D
 Signal(s) : FID1A.CH
 Acq On : 11 Nov 2021 13:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 11 14:47:16 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)	11.608	2193212	17.713 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
12) S 1-chlorooctadecane (S...	13.039	1705243	17.722 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
Target Compounds			
1) T n-Nonane (C9)	3.372	2142855	19.798 ug/ml
2) T n-Decane (C10)	4.438	2162569	20.076 ug/ml
3) T A~Naphthalene (C11.7)	6.027	2405627	19.731 ug/ml
4) T n-Dodecane (C12)	6.455	2179222	19.768 ug/ml
5) T A~2-methylnaphthalene...	7.084	2386143	19.485 ug/ml
6) T n-Tetradecane (C14)	8.249	2175815	19.381 ug/ml
7) T n-Hexadecane (C16)	9.848	2171984	19.104 ug/ml
8) T n-Octadecane (C18)	11.287	2180497	18.659 ug/ml
10) T n-Eicosane (C20)	12.595	2084508	18.138 ug/ml
11) T n-Heneicosane (C21)	13.205	2053414	17.868 ug/ml
13) T n-Docosane (C22)	13.790	1994888	17.719 ug/ml
14) T n-Tetracosane (C24)	14.889	1919483	17.418 ug/ml
15) T n-Hexacosane (C26)	15.907	1836839	17.403 ug/ml
16) T n-Octacosane (C28)	16.852	1803875	17.391 ug/ml
17) T n-Tricontane (C30)	17.736	1787902	17.256 ug/ml
18) T n-Dotriacontane (C32)	18.564	1768768	18.461 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1778998	20.283 ug/ml
20) T n-Hexatriacontane (C36)	20.079	1794921	21.929 ug/ml
21) T n-Octatriacontane (C38)	20.812	1745440	21.824 ug/ml
22) T n-Tetracontane (C40)	21.722	1785675	21.673 ug/ml

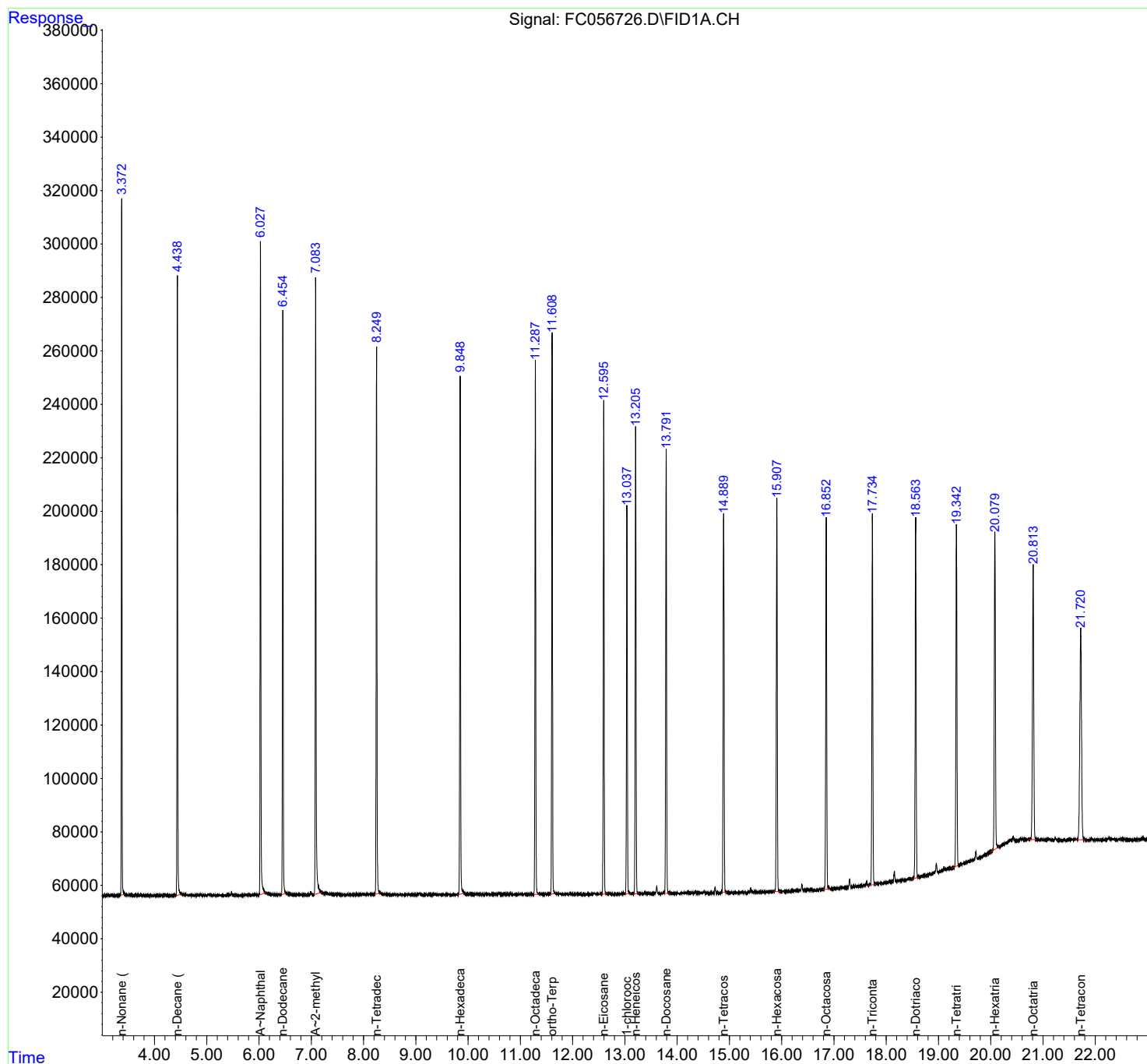
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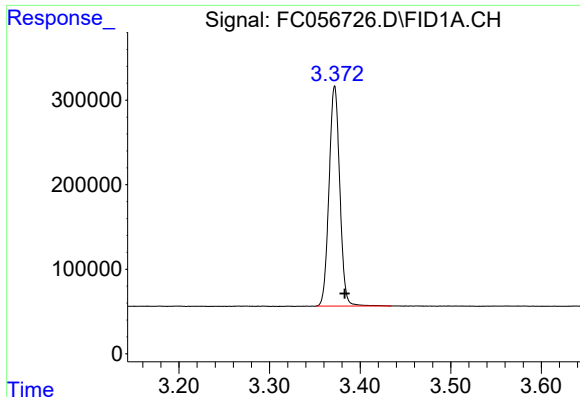
(m)=manual int.

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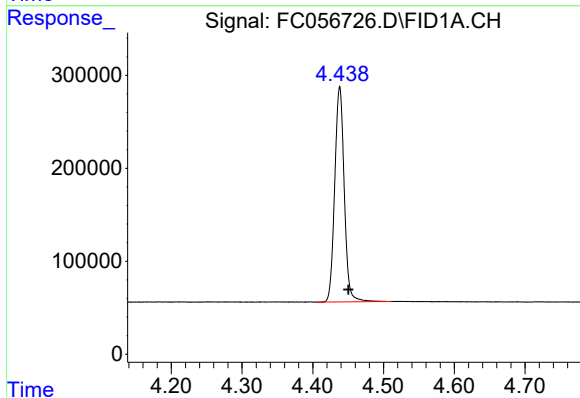
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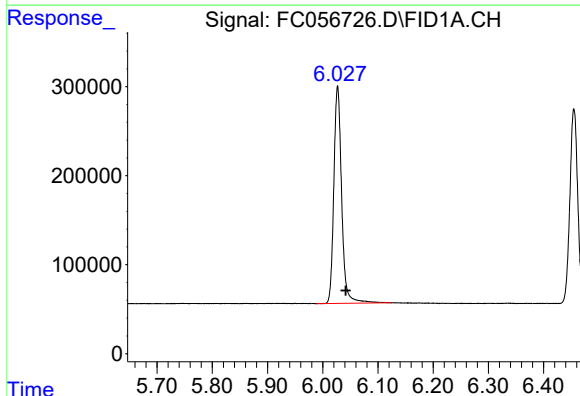
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.011 min
Response: 2142855
Conc: 19.80 ug/ml



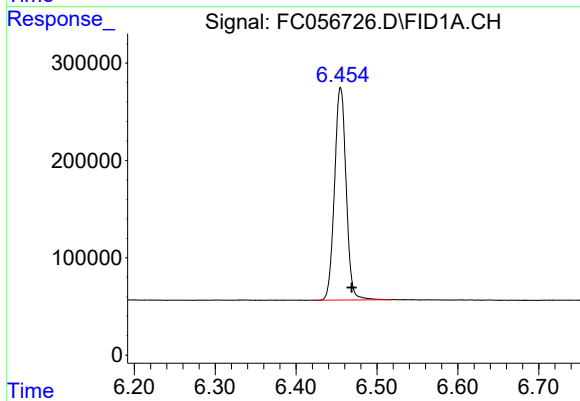
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.012 min
Response: 2162569
Conc: 20.08 ug/ml



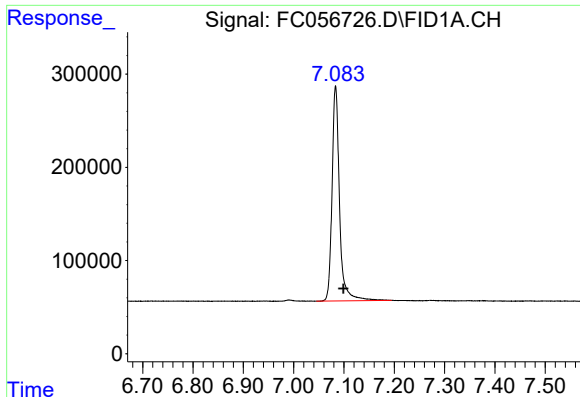
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.015 min
Response: 2405627
Conc: 19.73 ug/ml



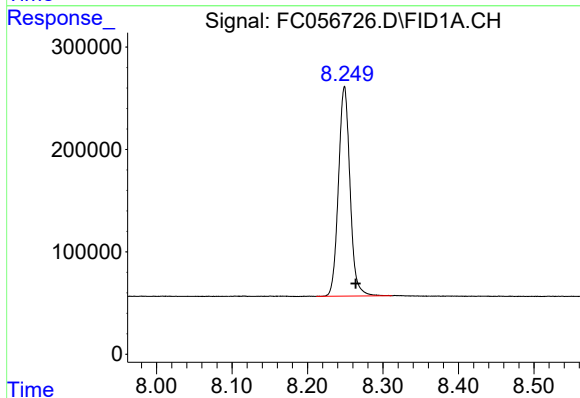
#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.014 min
Response: 2179222
Conc: 19.77 ug/ml



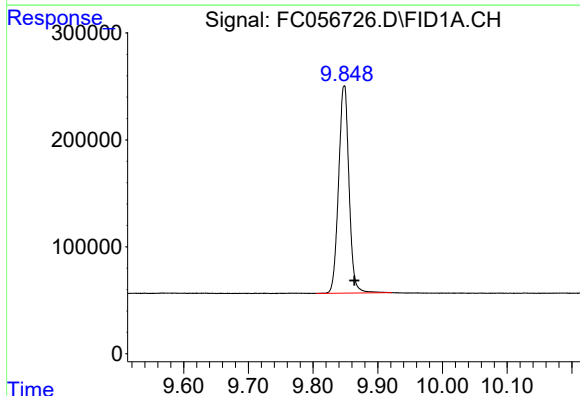
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.015 min
Response: 2386143
Conc: 19.48 ug/ml



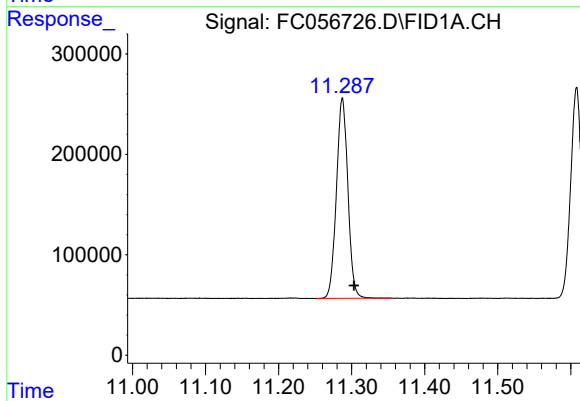
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.015 min
Response: 2175815
Conc: 19.38 ug/ml



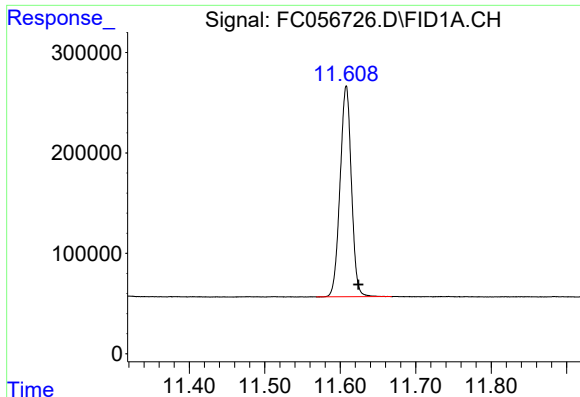
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.016 min
Response: 2171984
Conc: 19.10 ug/ml



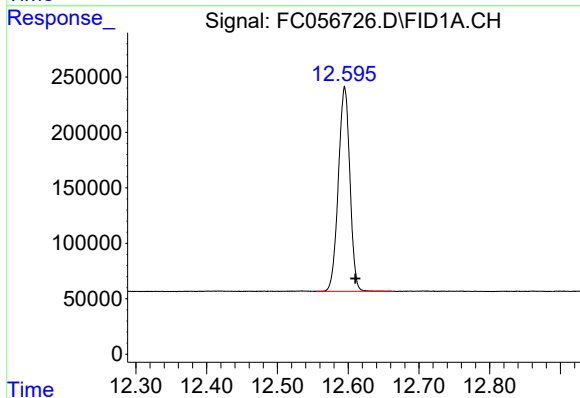
#8 n-Octadecane (C18)

R.T.: 11.287 min
Delta R.T.: -0.016 min
Response: 2180497
Conc: 18.66 ug/ml



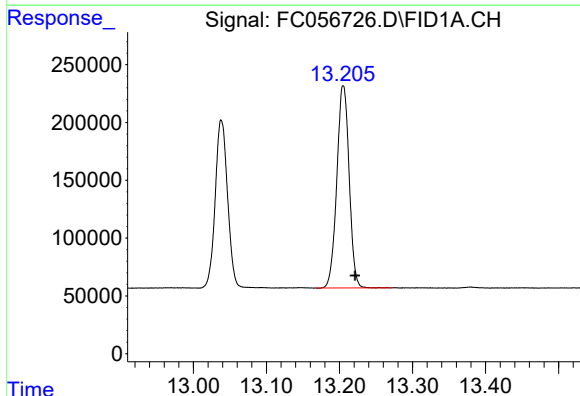
#9 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: -0.016 min
Response: 2193212
Conc: 17.71 ug/ml



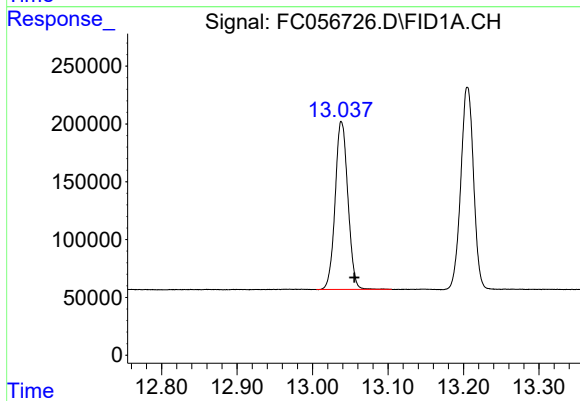
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.015 min
Response: 2084508
Conc: 18.14 ug/ml



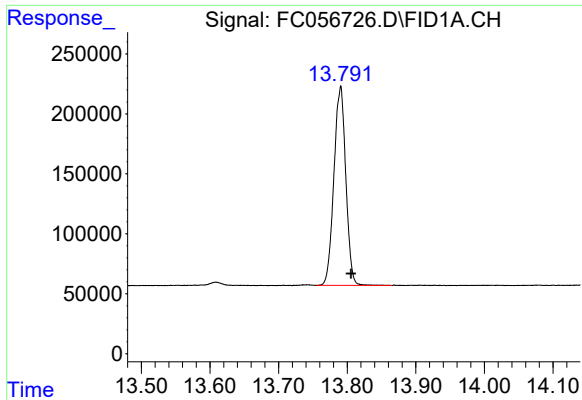
#11 n-Heneicosane (C21)

R.T.: 13.205 min
Delta R.T.: -0.016 min
Response: 2053414
Conc: 17.87 ug/ml



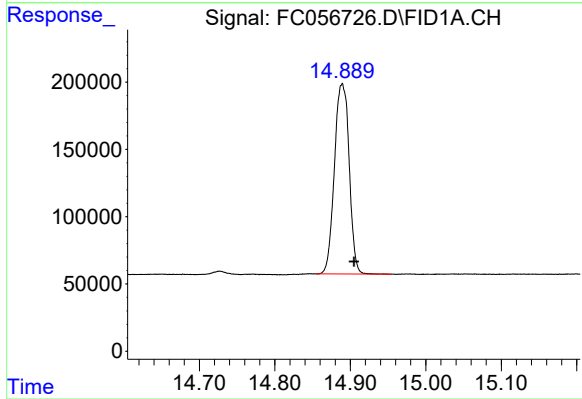
#12 1-chlorooctadecane (SURR)

R.T.: 13.039 min
Delta R.T.: -0.017 min
Response: 1705243
Conc: 17.72 ug/ml



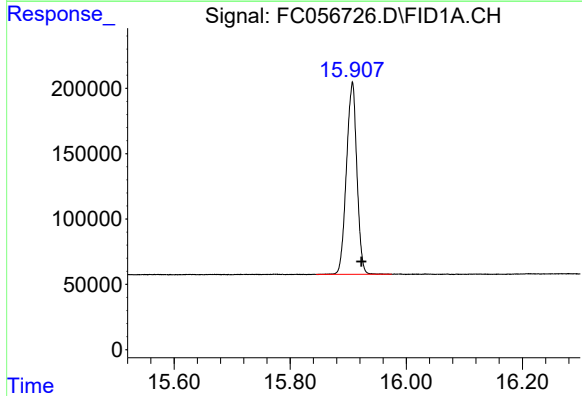
#13 n-Docosane (C22)

R.T.: 13.790 min
Delta R.T.: -0.016 min
Response: 1994888
Conc: 17.72 ug/ml



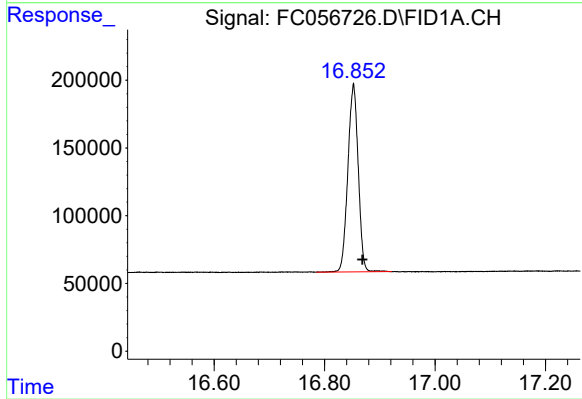
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.016 min
Response: 1919483
Conc: 17.42 ug/ml



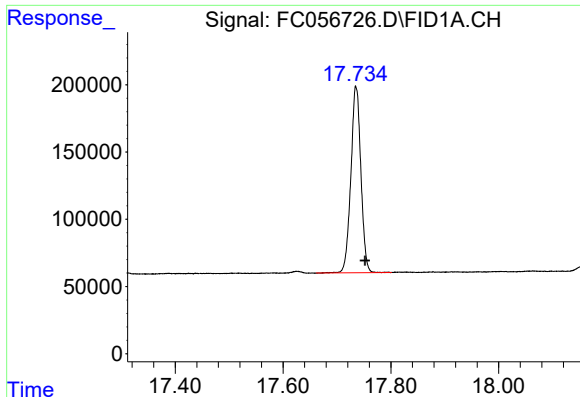
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.016 min
Response: 1836839
Conc: 17.40 ug/ml



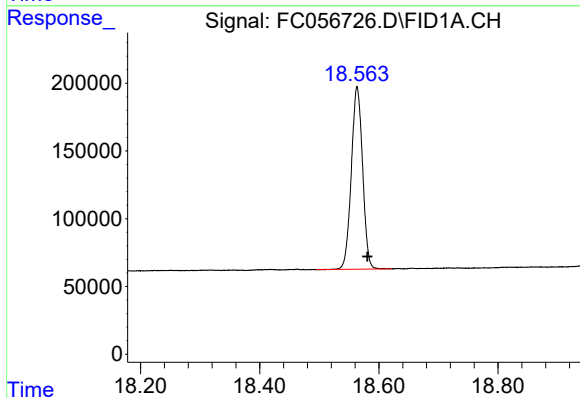
#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: -0.017 min
Response: 1803875
Conc: 17.39 ug/ml



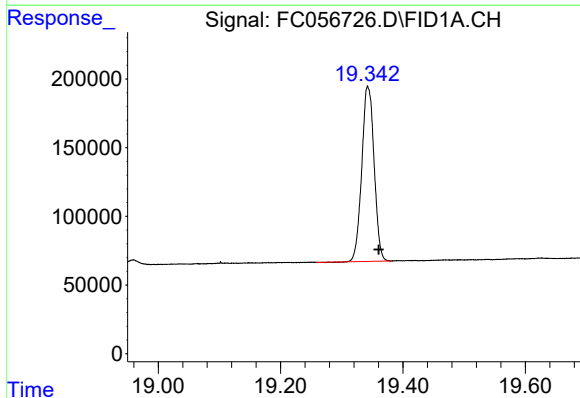
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.017 min
Response: 1787902
Conc: 17.26 ug/ml



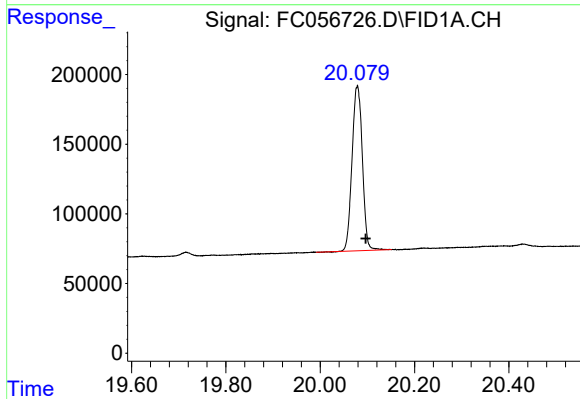
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.017 min
Response: 1768768
Conc: 18.46 ug/ml



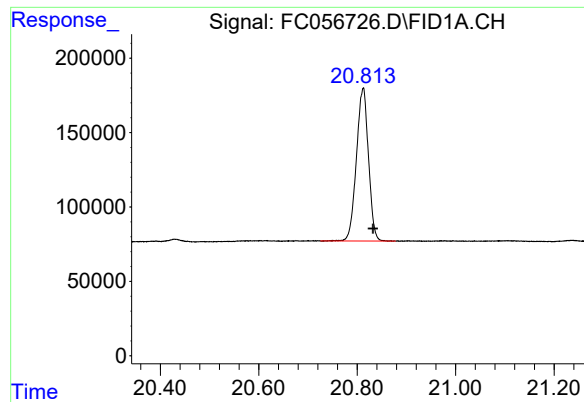
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.018 min
Response: 1778998
Conc: 20.28 ug/ml



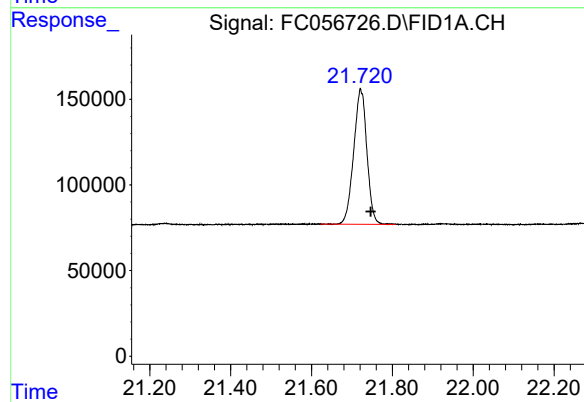
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.018 min
Response: 1794921
Conc: 21.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.020 min
Response: 1745440
Conc: 21.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.025 min
Response: 1785675
Conc: 21.67 ug/ml