

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120321AL\
 Data File : FC057207.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2021 19:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 21:48:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.588	2177503	18.764 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.020	1685091	18.510 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.352	2020748	19.942 ug/ml
2) T n-Decane (C10)	4.418	2032082	20.293 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2261973	20.257 ug/ml
4) T n-Dodecane (C12)	6.435	2067100	20.387 ug/ml
5) T A~2-methylnaphthalene...	7.063	2263407	20.528 ug/ml
6) T n-Tetradecane (C14)	8.228	2070408	20.434 ug/ml
7) T n-Hexadecane (C16)	9.827	2075479	20.226 ug/ml
8) T n-Octadecane (C18)	11.267	2106498	19.661 ug/ml
10) T n-Eicosane (C20)	12.575	2036627	19.042 ug/ml
11) T n-Heneicosane (C21)	13.186	2024776	18.697 ug/ml
13) T n-Docosane (C22)	13.770	1974991	18.435 ug/ml
14) T n-Tetracosane (C24)	14.871	1918768	17.724 ug/ml
15) T n-Hexacosane (C26)	15.889	1843326	17.305 ug/ml
16) T n-Octacosane (C28)	16.836	1808965	16.959 ug/ml
17) T n-Tricontane (C30)	17.721	1788970	16.784 ug/ml
18) T n-Dotriacontane (C32)	18.549	1768577	16.767 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1779576	17.130 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1760228	17.427 ug/ml
21) T n-Octatriacontane (C38)	20.796	1704092	18.564 ug/ml
22) T n-Tetracontane (C40)	21.703	1720752	19.102 ug/ml

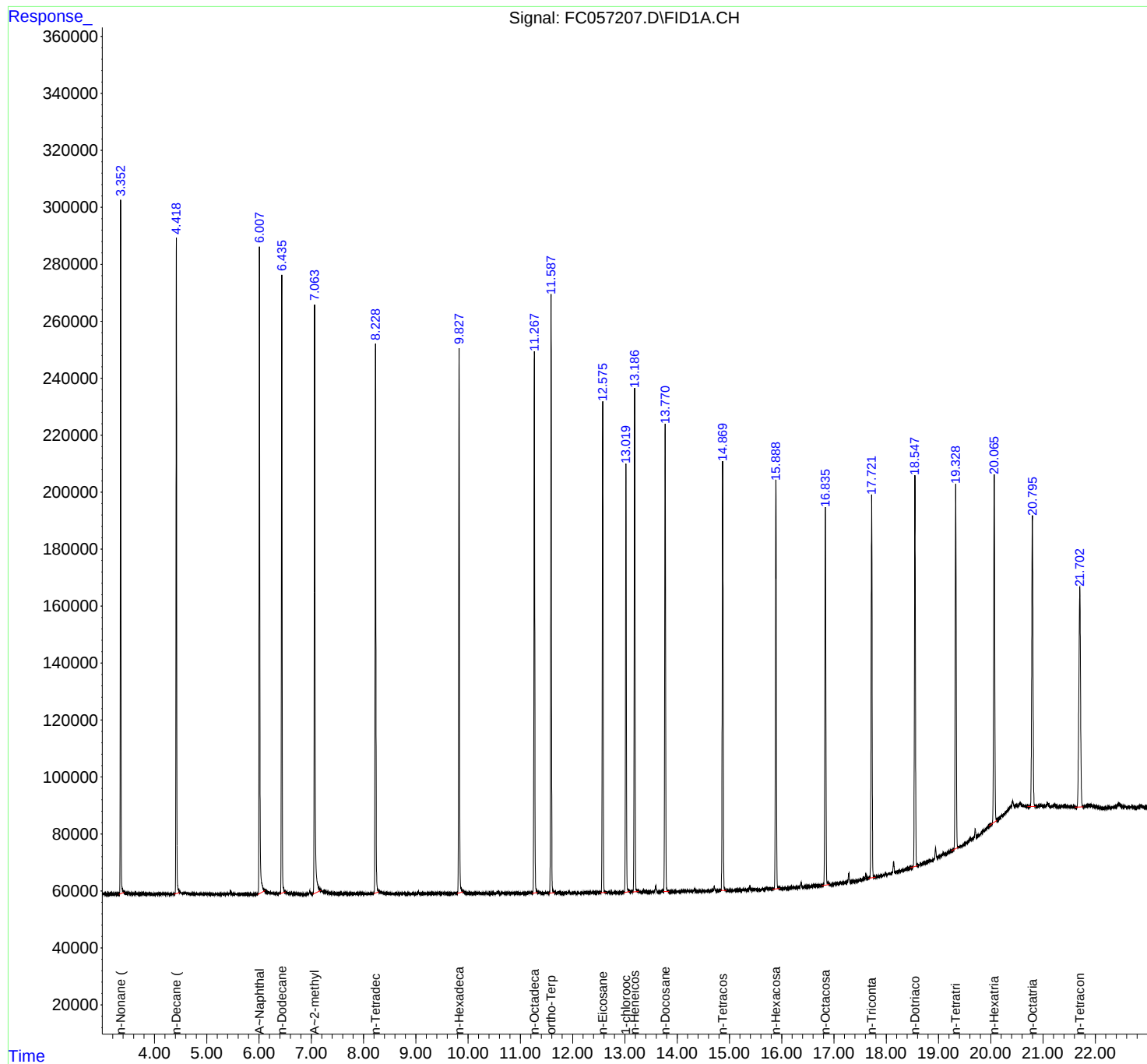
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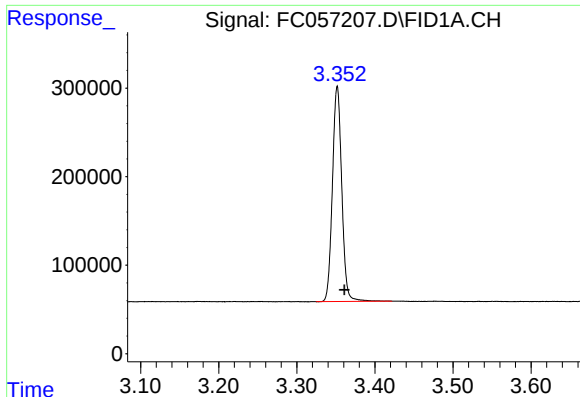
(m)=manual int.

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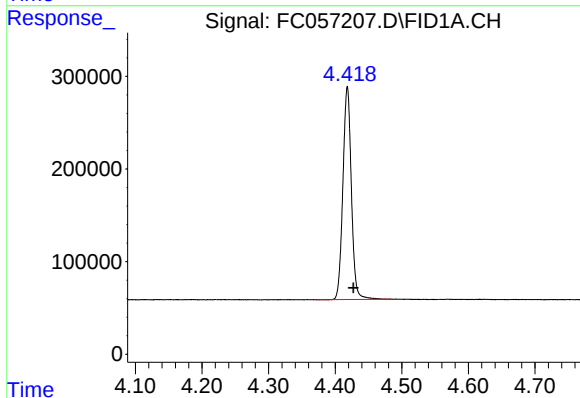
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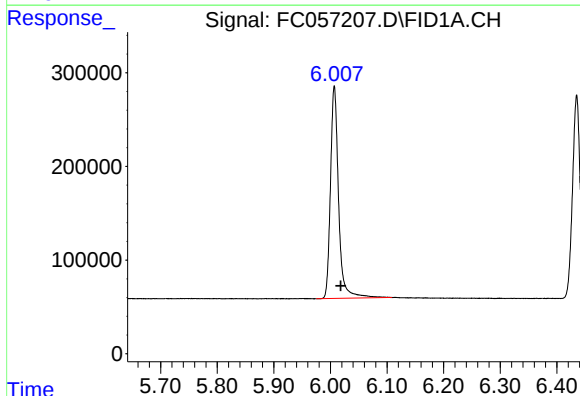
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: -0.009 min
Response: 2020748
Conc: 19.94 ug/ml



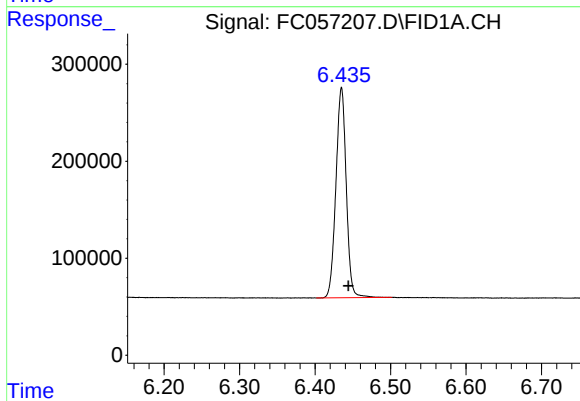
#2 n-Decane (C10)

R.T.: 4.418 min
Delta R.T.: -0.009 min
Response: 2032082
Conc: 20.29 ug/ml



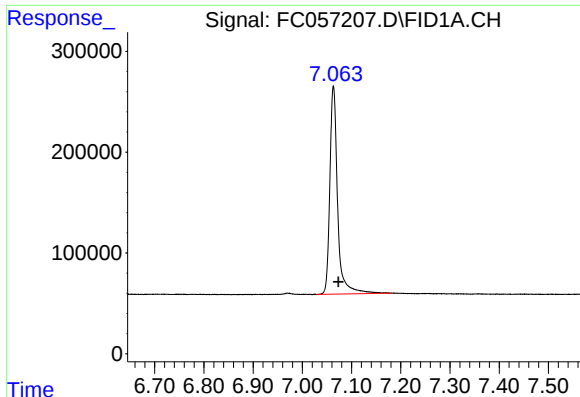
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.011 min
Response: 2261973
Conc: 20.26 ug/ml



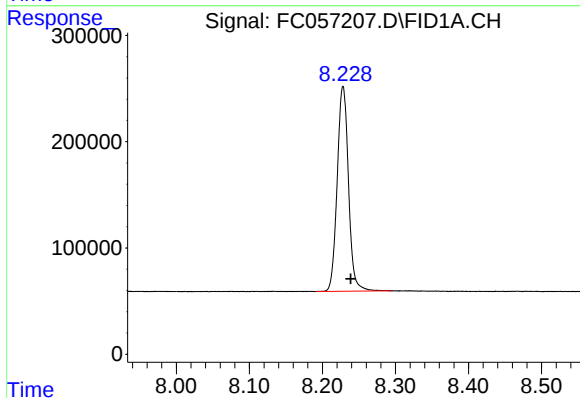
#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.009 min
Response: 2067100
Conc: 20.39 ug/ml



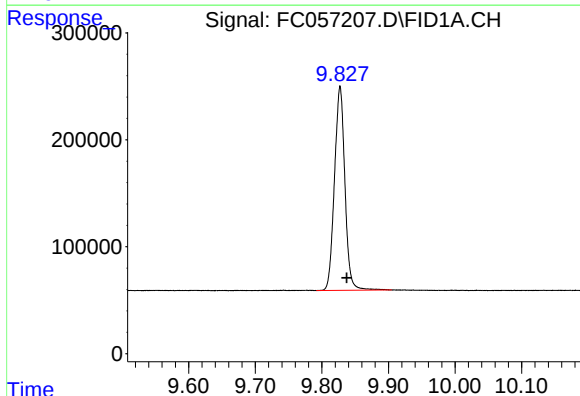
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.063 min
Delta R.T.: -0.010 min
Response: 2263407
Conc: 20.53 ug/ml



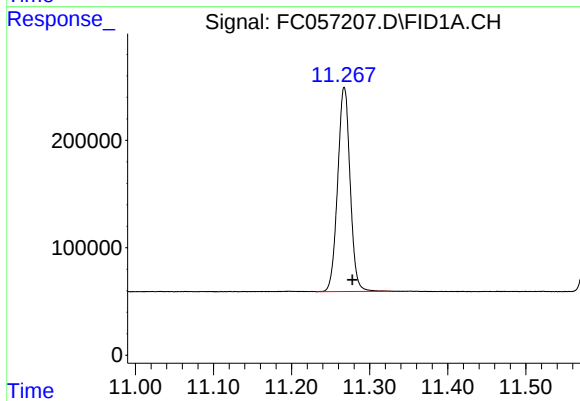
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 2070408
Conc: 20.43 ug/ml



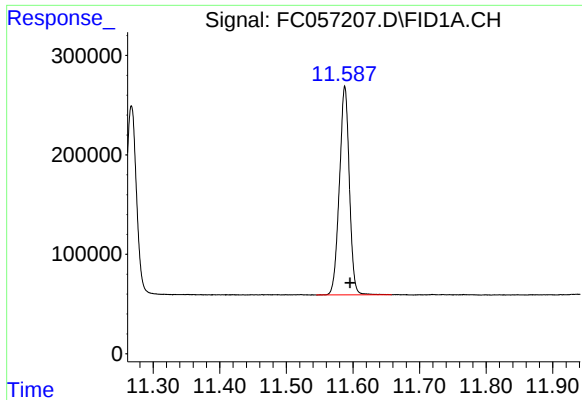
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: -0.010 min
Response: 2075479
Conc: 20.23 ug/ml



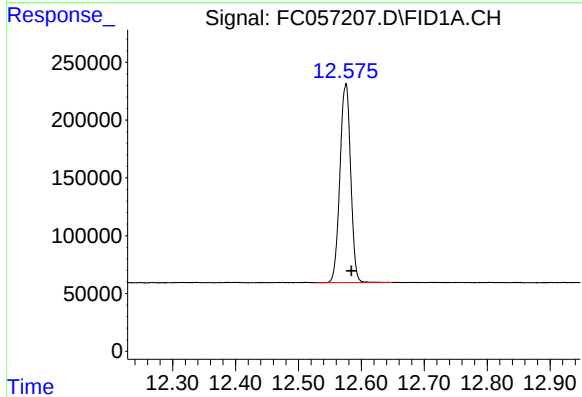
#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: -0.010 min
Response: 2106498
Conc: 19.66 ug/ml



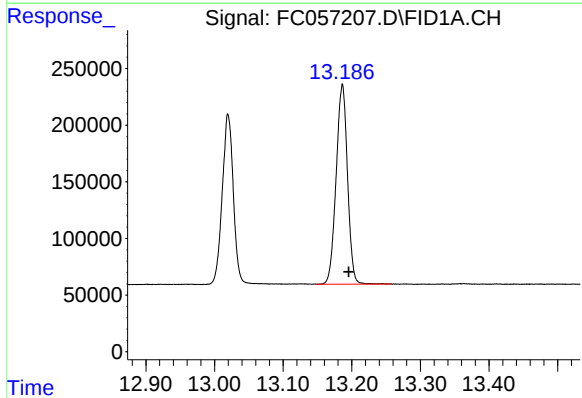
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.008 min
Response: 2177503
Conc: 18.76 ug/ml



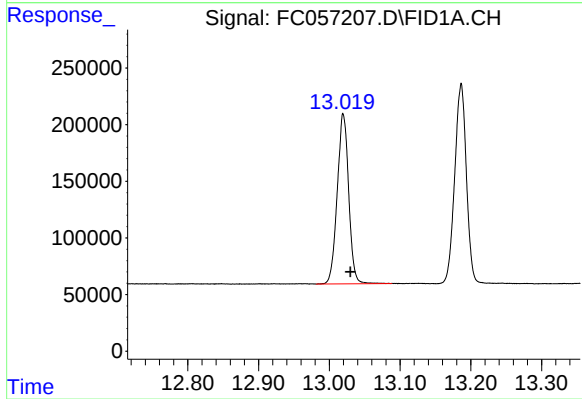
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.009 min
Response: 2036627
Conc: 19.04 ug/ml



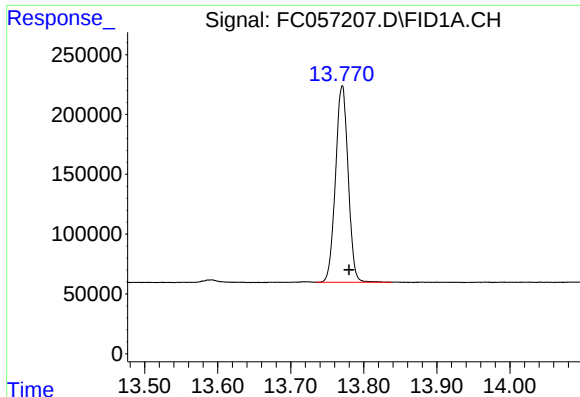
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.009 min
Response: 2024776
Conc: 18.70 ug/ml



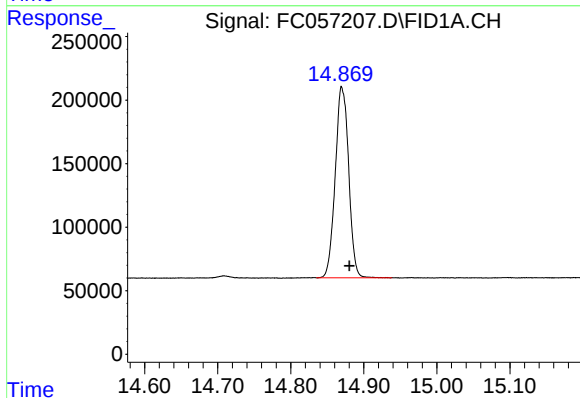
#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: -0.010 min
Response: 1685091
Conc: 18.51 ug/ml



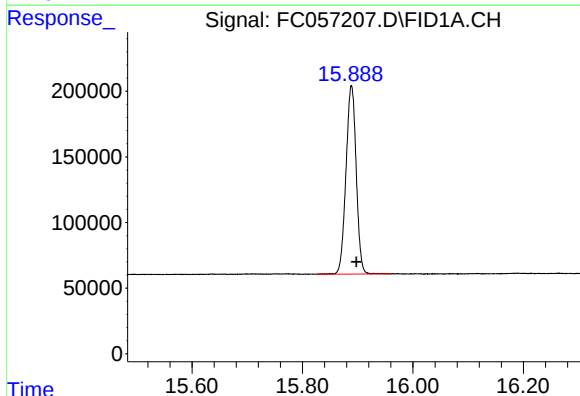
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: -0.010 min
Response: 1974991
Conc: 18.43 ug/ml



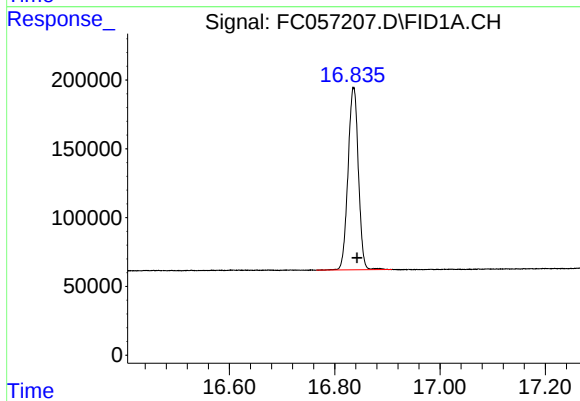
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.010 min
Response: 1918768
Conc: 17.72 ug/ml



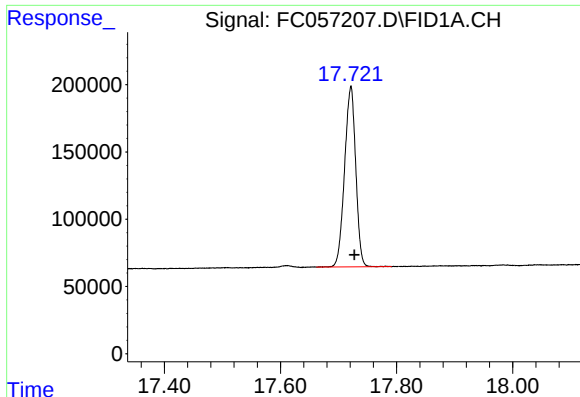
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: -0.009 min
Response: 1843326
Conc: 17.31 ug/ml



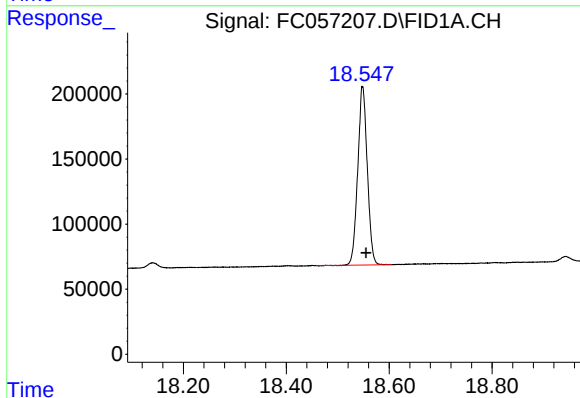
#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.006 min
Response: 1808965
Conc: 16.96 ug/ml



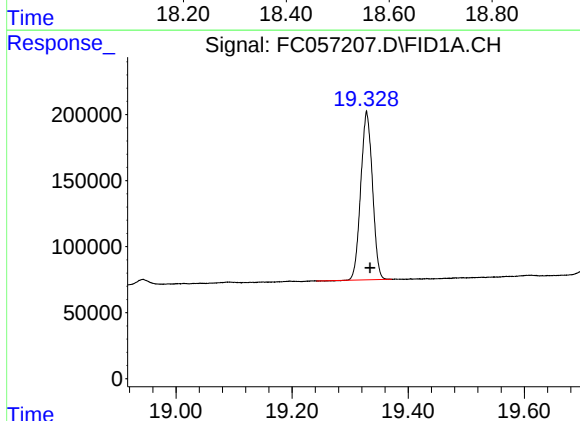
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: -0.006 min
Response: 1788970
Conc: 16.78 ug/ml



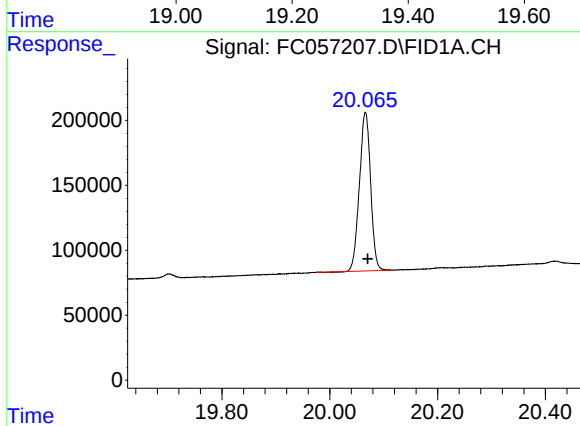
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: -0.007 min
Response: 1768577
Conc: 16.77 ug/ml



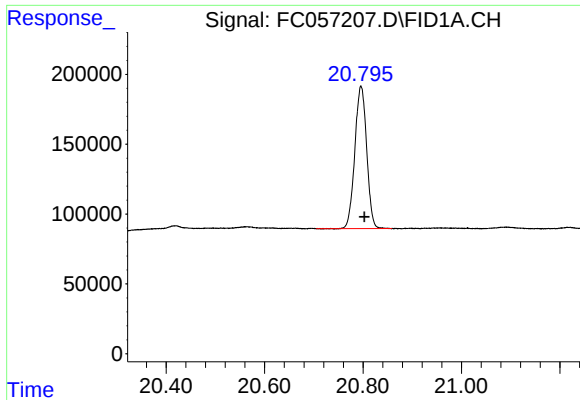
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.006 min
Response: 1779576
Conc: 17.13 ug/ml



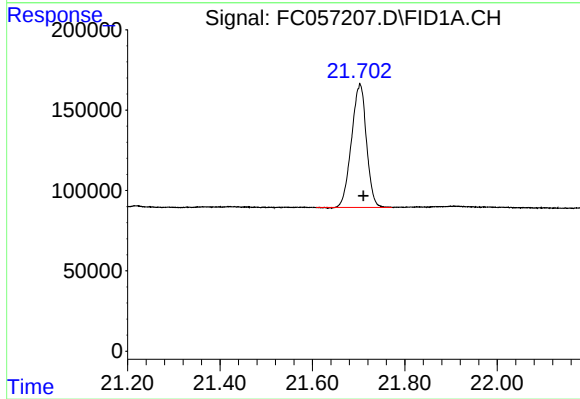
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.004 min
Response: 1760228
Conc: 17.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.007 min
Response: 1704092
Conc: 18.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.007 min
Response: 1720752
Conc: 19.10 ug/ml