

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040820AL\
 Data File : FC046735.D
 Signal(s) : FID1A.CH
 Acq On : 09 Apr 2020 00:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 02:27:32 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.762	2144690	19.619 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
12) S 1-chlorooctadecane (S...	13.178	1669680	19.375 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.544	2098886	21.855 ug/ml
2) T n-Decane (C10)	4.612	2111237	21.982 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2200652	21.963 ug/ml
4) T n-Dodecane (C12)	6.620	2131749	21.840 ug/ml
5) T A~2-methylnaphthalene...	7.264	2208109	21.841 ug/ml
6) T n-Tetradecane (C14)	8.404	2114331	21.472 ug/ml
7) T n-Hexadecane (C16)	9.995	2087686	20.912 ug/ml
8) T n-Octadecane (C18)	11.429	2062358	20.319 ug/ml
10) T n-Eicosane (C20)	12.731	2022568	19.784 ug/ml
11) T n-Heneicosane (C21)	13.340	2004101	19.437 ug/ml
13) T n-Docosane (C22)	13.925	1986655	19.353 ug/ml
14) T n-Tetracosane (C24)	15.022	1976812	19.150 ug/ml
15) T n-Hexacosane (C26)	16.038	1919412	18.708 ug/ml
16) T n-Octacosane (C28)	16.985	1890763	18.578 ug/ml
17) T n-Tricontane (C30)	17.869	1825132	18.629 ug/ml
18) T n-Dotriacontane (C32)	18.696	1558322	18.587 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1276218	17.813 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1099568	15.696 ug/ml
21) T n-Octatriacontane (C38)	20.976	1224398	19.403 ug/ml
22) T n-Tetracontane (C40)	21.937	1315976	19.017 ug/ml

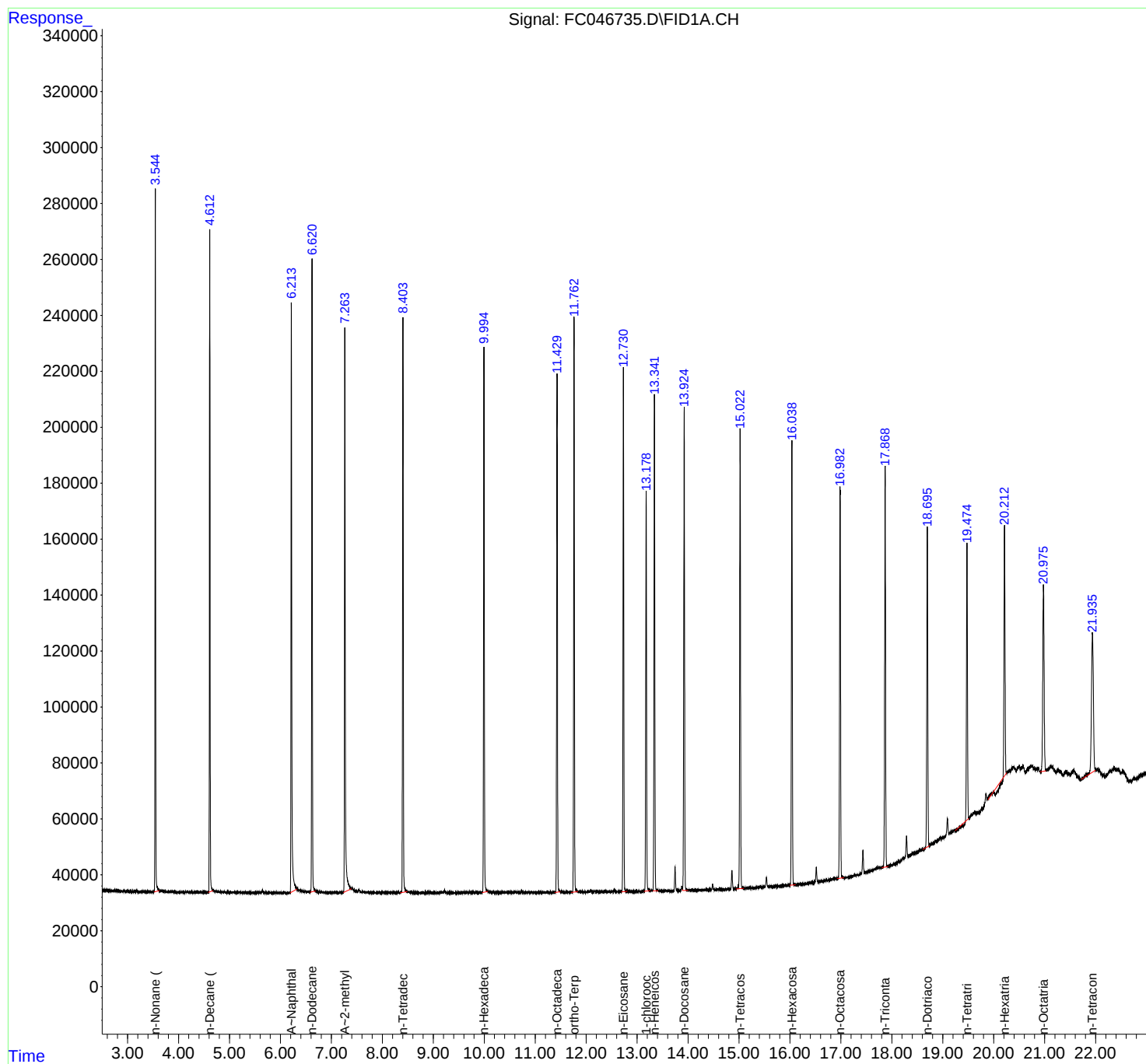
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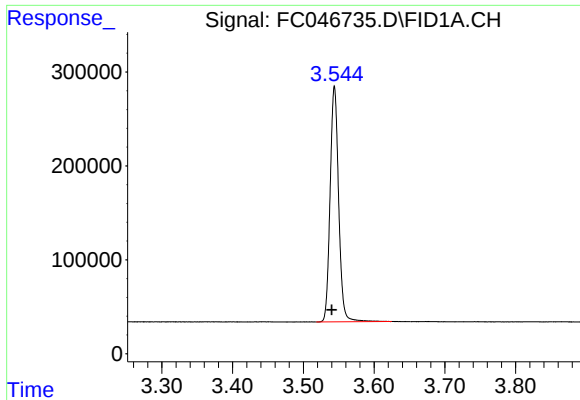
(m)=manual int.

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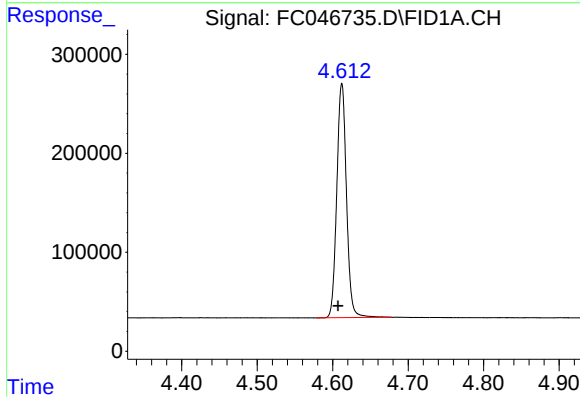
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Signal Info : 20M x 0.18mm x 0.18um





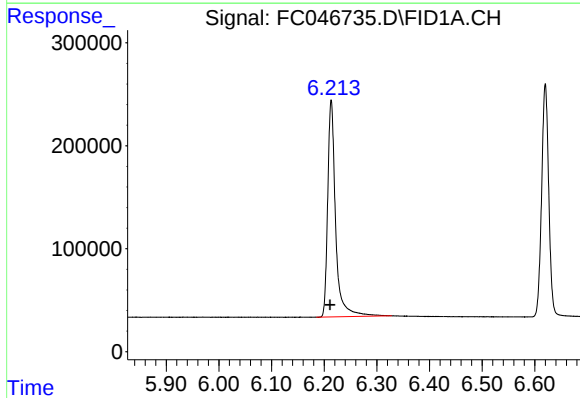
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 2098886
Conc: 21.86 ug/ml



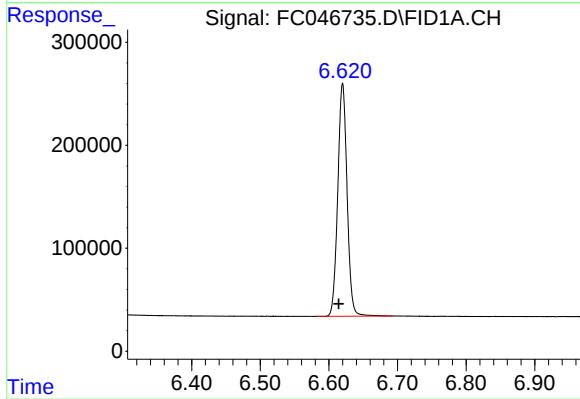
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 2111237
Conc: 21.98 ug/ml



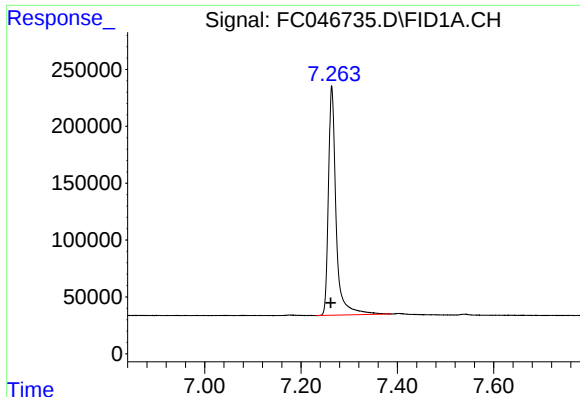
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.002 min
Response: 2200652
Conc: 21.96 ug/ml



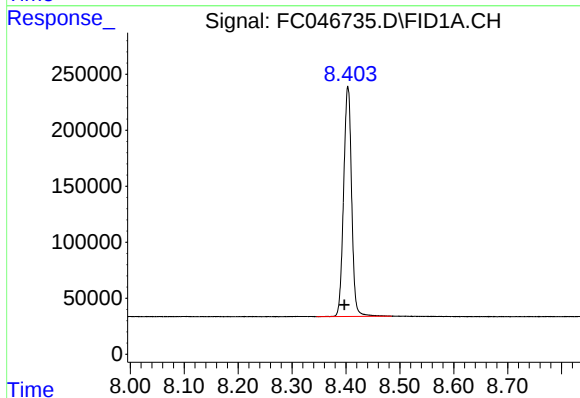
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 2131749
Conc: 21.84 ug/ml



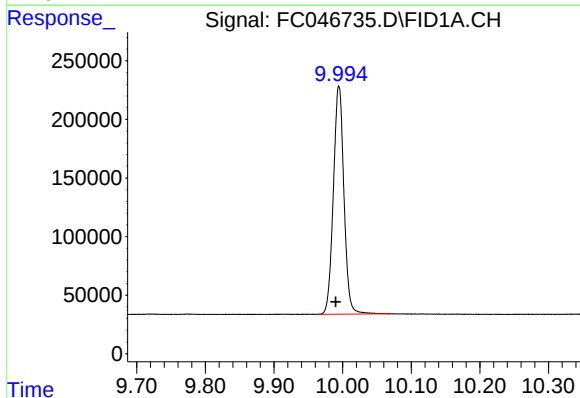
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2208109
Conc: 21.84 ug/ml



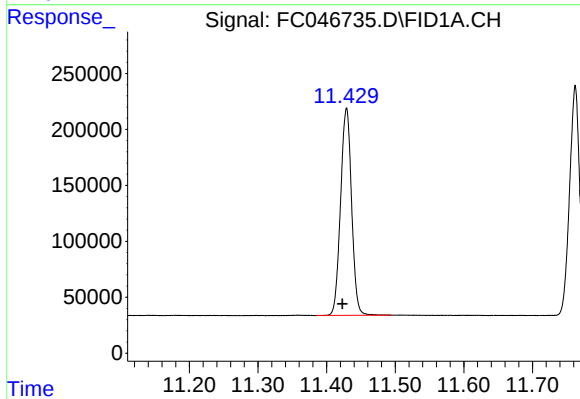
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.006 min
Response: 2114331
Conc: 21.47 ug/ml



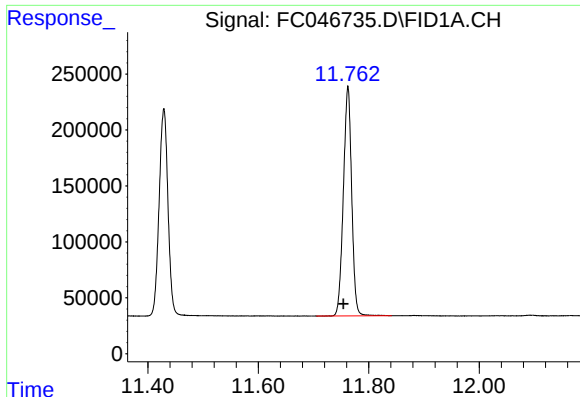
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2087686
Conc: 20.91 ug/ml



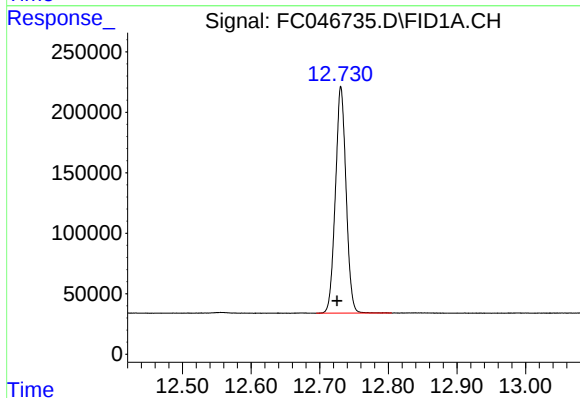
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: 0.006 min
Response: 2062358
Conc: 20.32 ug/ml



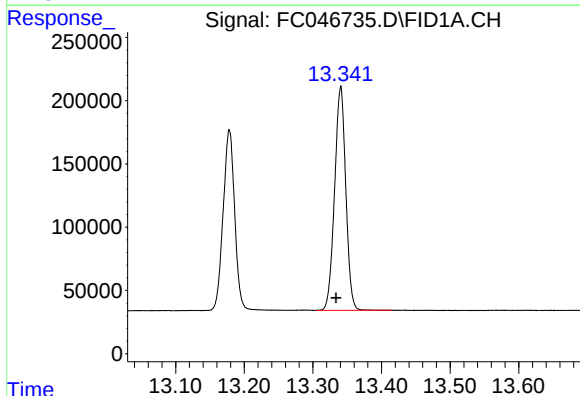
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: 0.008 min
Response: 2144690
Conc: 19.62 ug/ml



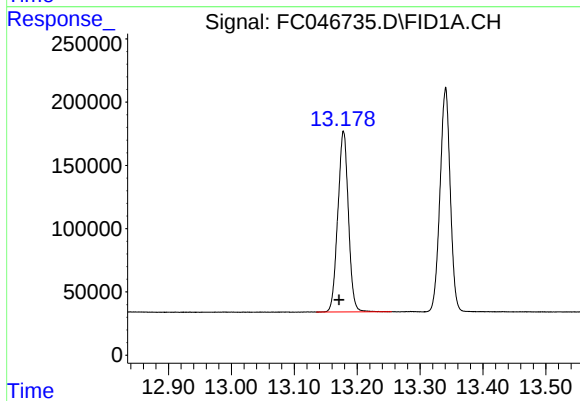
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2022568
Conc: 19.78 ug/ml



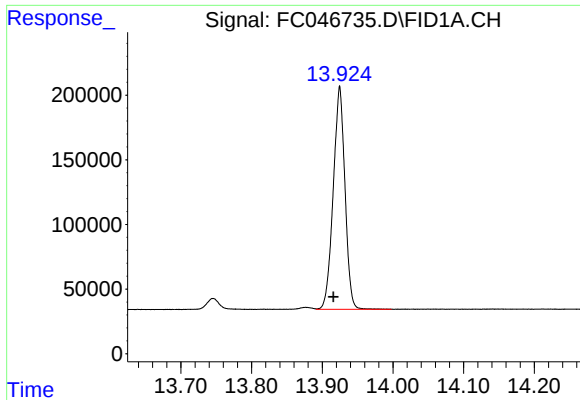
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: 0.007 min
Response: 2004101
Conc: 19.44 ug/ml



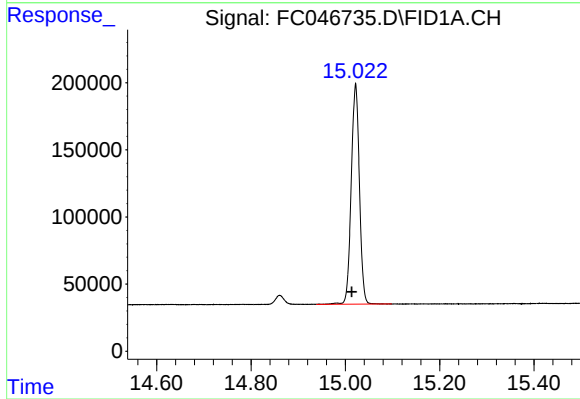
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min
Delta R.T.: 0.007 min
Response: 1669680
Conc: 19.37 ug/ml



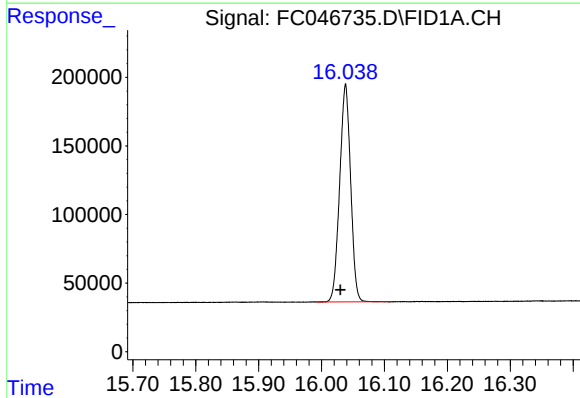
#13 n-Docosane (C22)

R.T.: 13.925 min
Delta R.T.: 0.009 min
Response: 1986655
Conc: 19.35 ug/ml



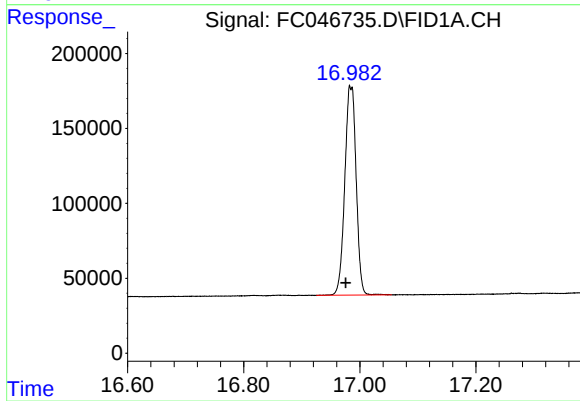
#14 n-Tetracosane (C24)

R.T.: 15.022 min
Delta R.T.: 0.008 min
Response: 1976812
Conc: 19.15 ug/ml



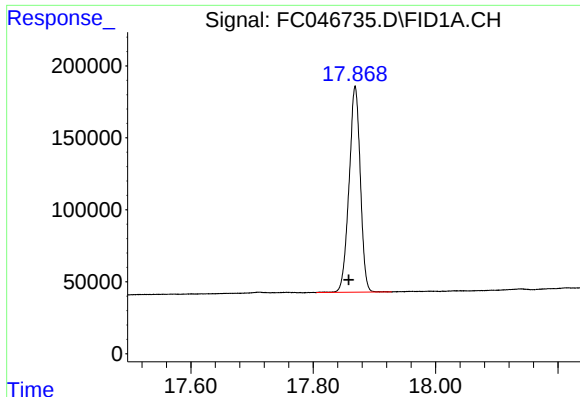
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.008 min
Response: 1919412
Conc: 18.71 ug/ml



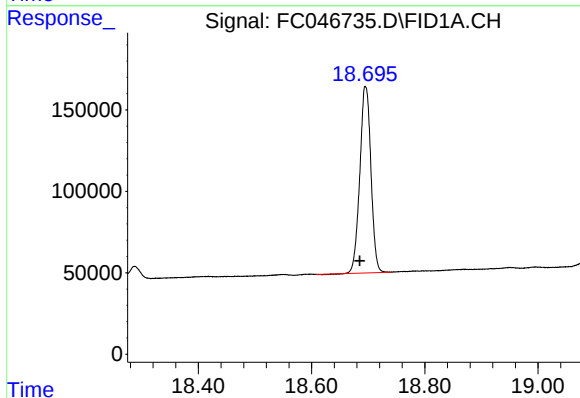
#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: 0.009 min
Response: 1890763
Conc: 18.58 ug/ml



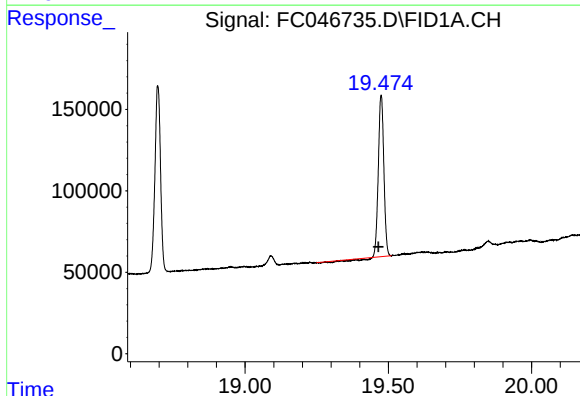
#17 n-Tricontane (C30)

R.T.: 17.869 min
Delta R.T.: 0.010 min
Response: 1825132
Conc: 18.63 ug/ml



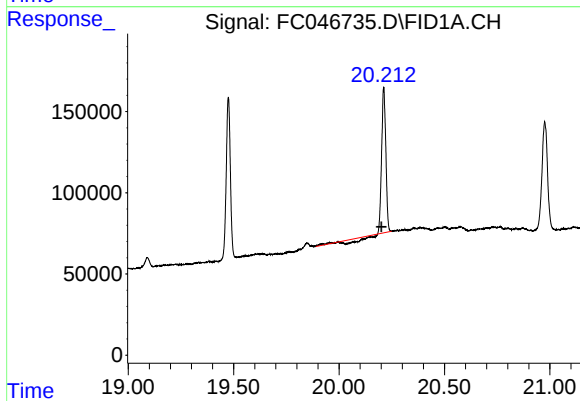
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.010 min
Response: 1558322
Conc: 18.59 ug/ml



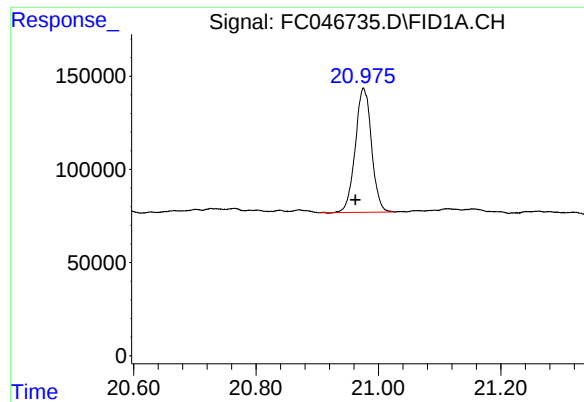
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: 0.009 min
Response: 1276218
Conc: 17.81 ug/ml



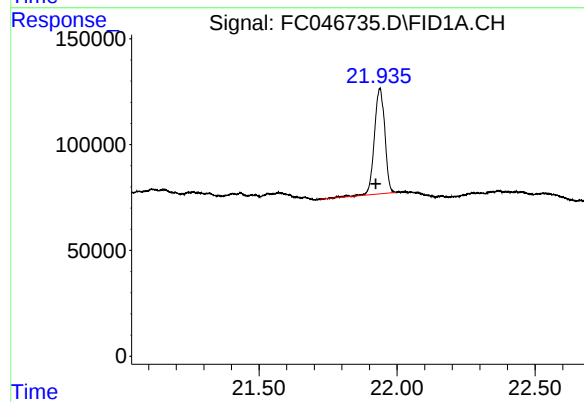
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min
Delta R.T.: 0.011 min
Response: 1099568
Conc: 15.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: 0.013 min
Response: 1224398
Conc: 19.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.937 min
Delta R.T.: 0.015 min
Response: 1315976
Conc: 19.02 ug/ml