

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041520AL\
 Data File : FC046818.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2020 11:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 00:43:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.761	2202947	20.152 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	13.177	1714568	19.896 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T n-Nonane (C9)	3.548	2161484	22.507 ug/ml
2) T n-Decane (C10)	4.615	2181905	22.717 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2266566	22.621 ug/ml
4) T n-Dodecane (C12)	6.622	2202850	22.568 ug/ml
5) T A~2-methylnaphthalene...	7.265	2272943	22.482 ug/ml
6) T n-Tetradecane (C14)	8.404	2161028	21.946 ug/ml
7) T n-Hexadecane (C16)	9.995	2136978	21.405 ug/ml
8) T n-Octadecane (C18)	11.428	2118736	20.875 ug/ml
10) T n-Eicosane (C20)	12.731	2069253	20.241 ug/ml
11) T n-Heneicosane (C21)	13.340	2058152	19.962 ug/ml
13) T n-Docosane (C22)	13.922	2021933	19.697 ug/ml
14) T n-Tetracosane (C24)	15.020	1983338	19.214 ug/ml
15) T n-Hexacosane (C26)	16.035	1939340	18.902 ug/ml
16) T n-Octacosane (C28)	16.981	1901270	18.681 ug/ml
17) T n-Tricontane (C30)	17.863	1837411	18.754 ug/ml
18) T n-Dotriacontane (C32)	18.693	1585599	18.912 ug/ml
19) T n-Tetratriacontane (C34)	19.472	1410762	19.691 ug/ml
20) T n-Hexatriacontane (C36)	20.208	1348978	19.256 ug/ml
21) T n-Octatriacontane (C38)	20.972	1327624	21.039 ug/ml
22) T n-Tetracontane (C40)	21.931	1382706	19.982 ug/ml

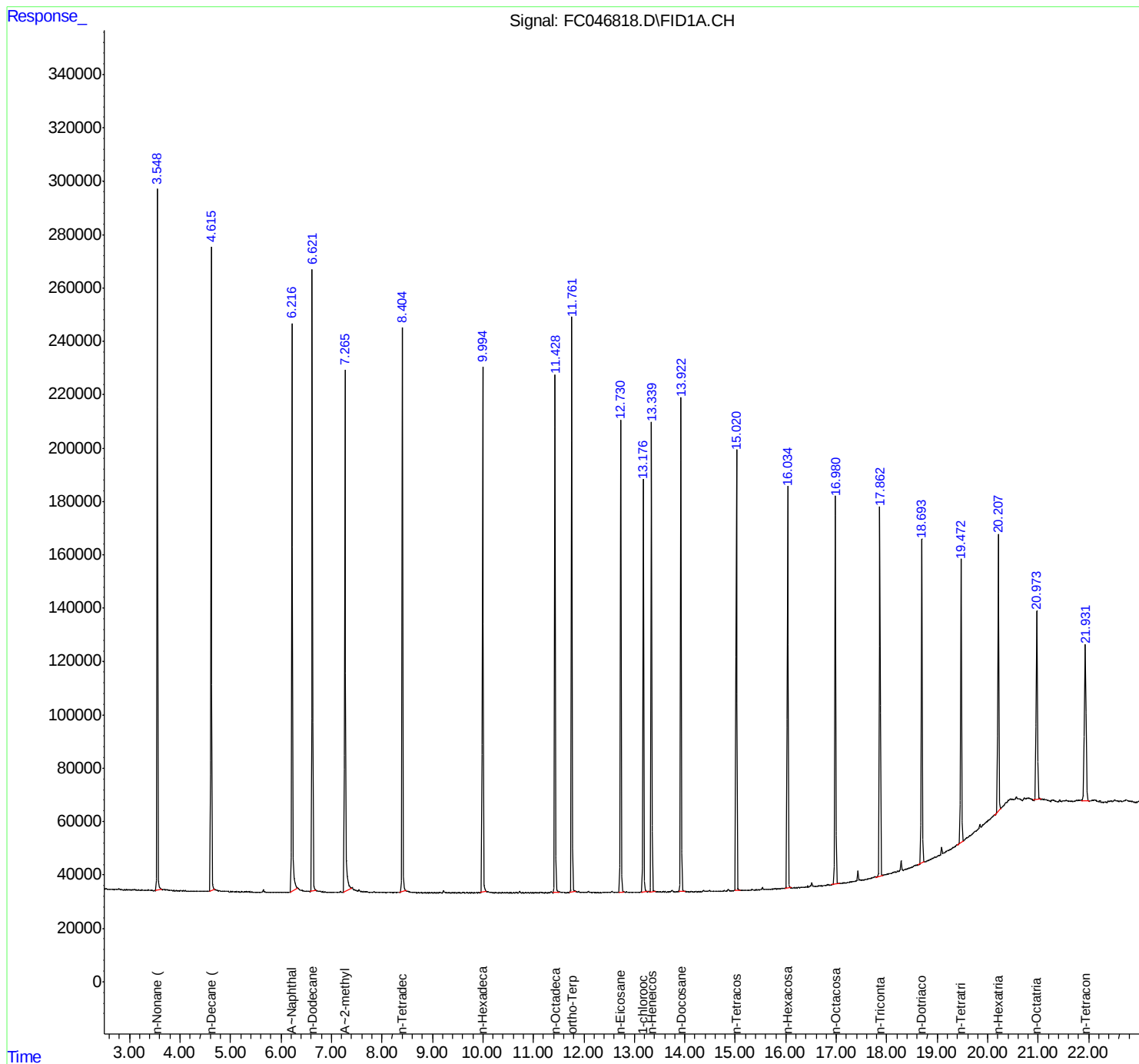
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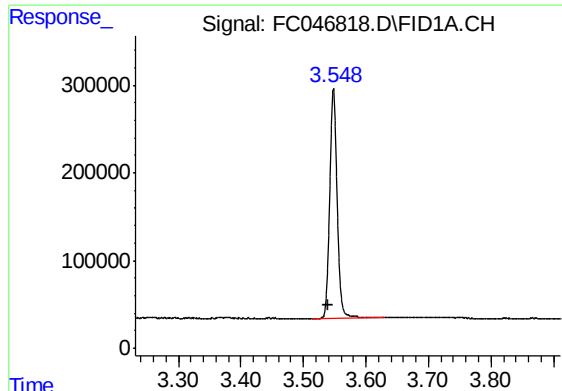
(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
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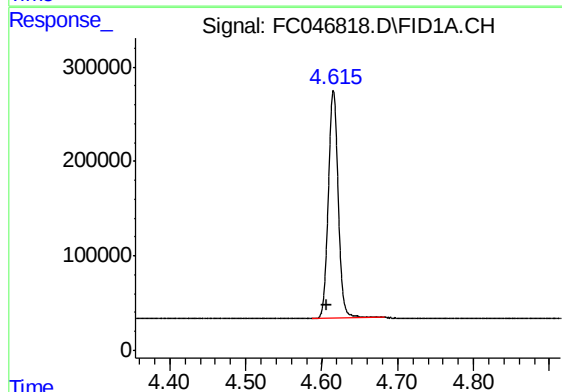
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





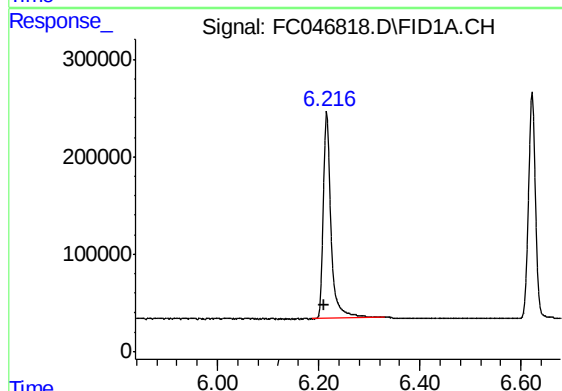
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2161484
Conc: 22.51 ug/ml



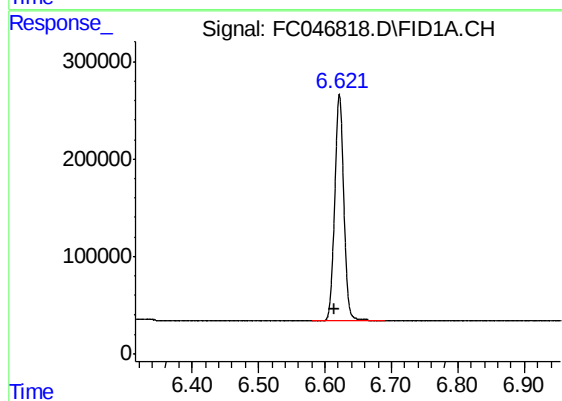
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.008 min
Response: 2181905
Conc: 22.72 ug/ml



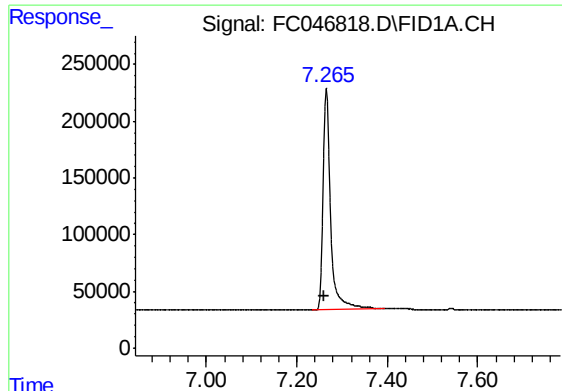
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.005 min
Response: 2266566
Conc: 22.62 ug/ml



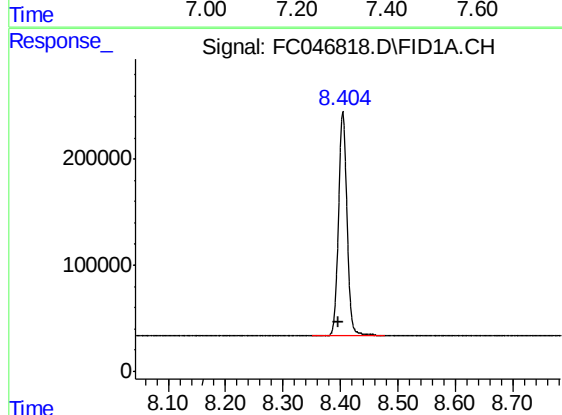
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: 0.007 min
Response: 2202850
Conc: 22.57 ug/ml



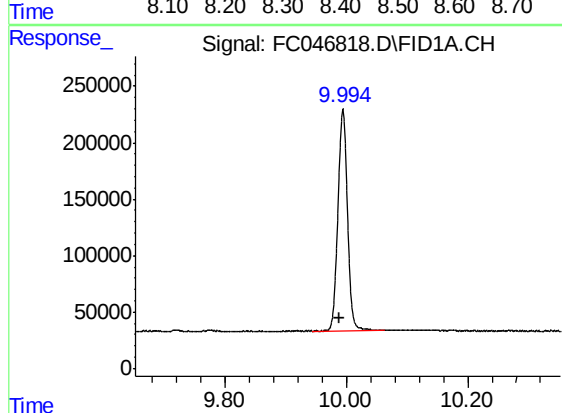
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2272943
Conc: 22.48 ug/ml



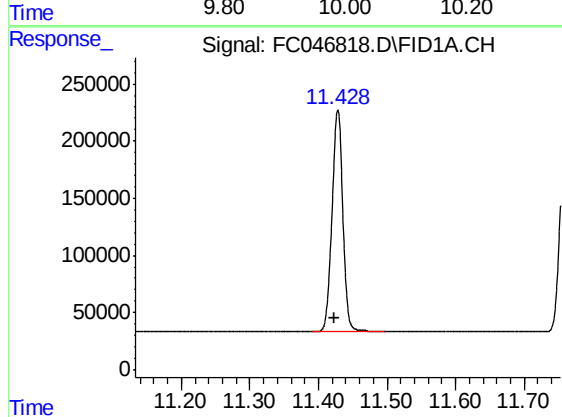
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2161028
Conc: 21.95 ug/ml



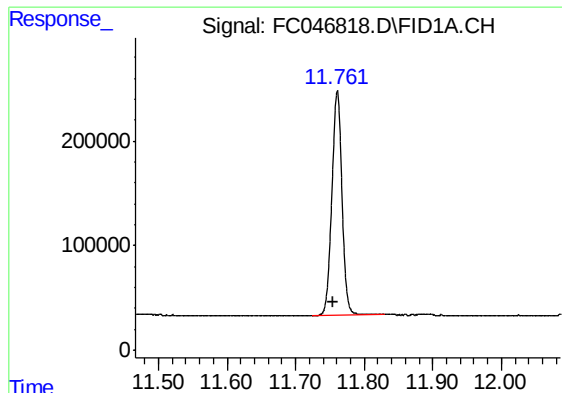
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2136978
Conc: 21.41 ug/ml



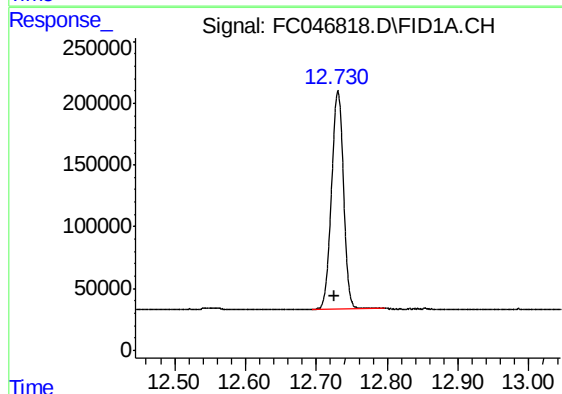
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.005 min
Response: 2118736
Conc: 20.87 ug/ml



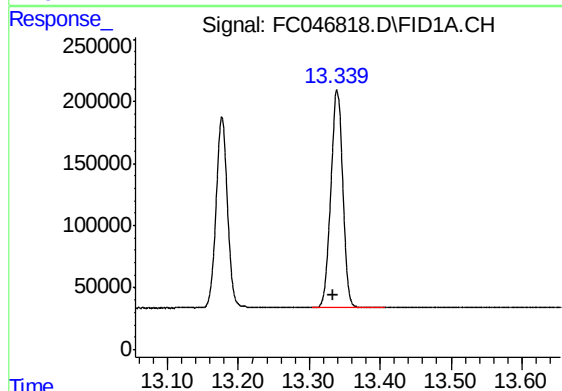
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.006 min
Response: 2202947
Conc: 20.15 ug/ml



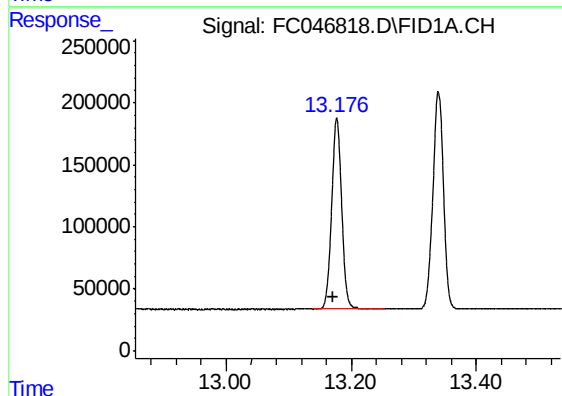
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2069253
Conc: 20.24 ug/ml



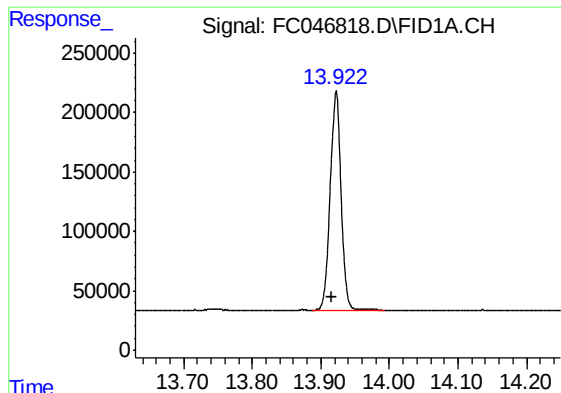
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: 0.006 min
Response: 2058152
Conc: 19.96 ug/ml



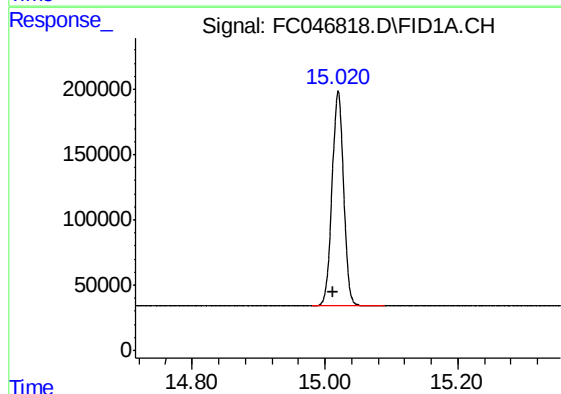
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1714568
Conc: 19.90 ug/ml



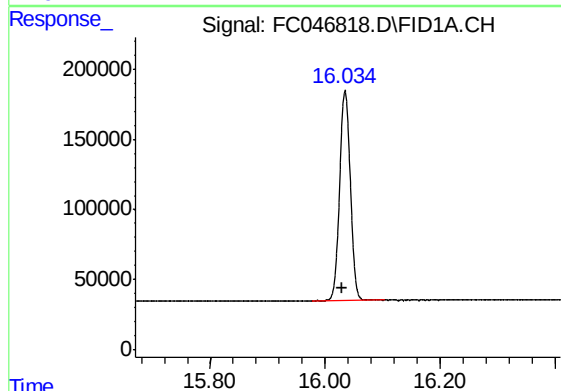
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: 0.006 min
Response: 2021933
Conc: 19.70 ug/ml



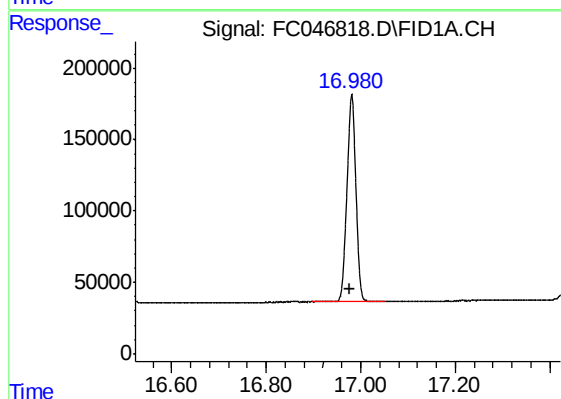
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: 0.007 min
Response: 1983338
Conc: 19.21 ug/ml



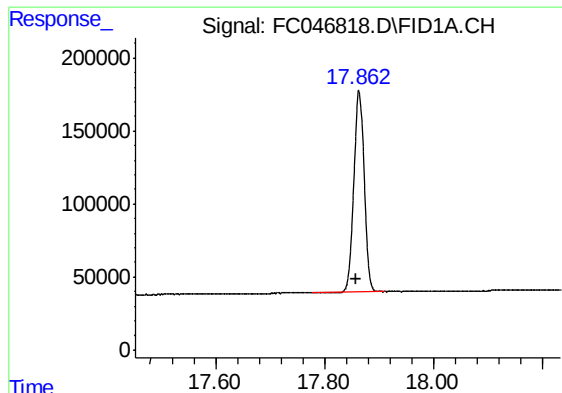
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.005 min
Response: 1939340
Conc: 18.90 ug/ml



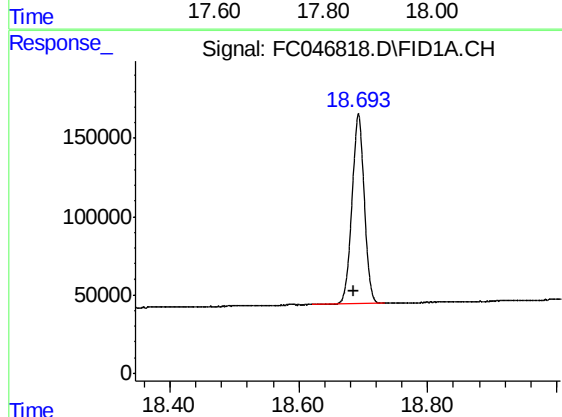
#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: 0.005 min
Response: 1901270
Conc: 18.68 ug/ml



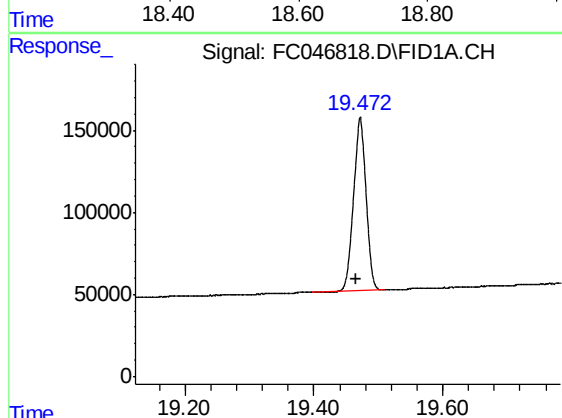
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: 0.005 min
Response: 1837411
Conc: 18.75 ug/ml



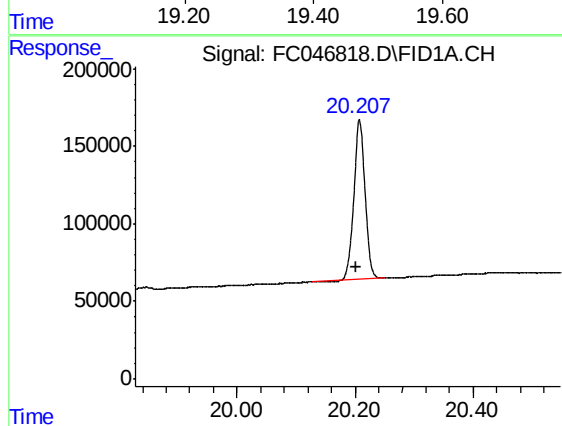
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: 0.008 min
Response: 1585599
Conc: 18.91 ug/ml



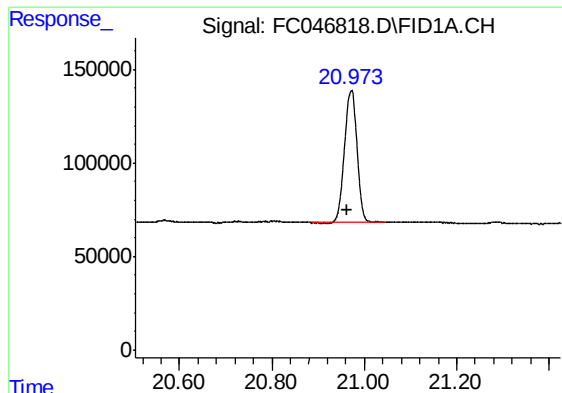
#19 n-Tetatriacontane (C34)

R.T.: 19.472 min
Delta R.T.: 0.006 min
Response: 1410762
Conc: 19.69 ug/ml



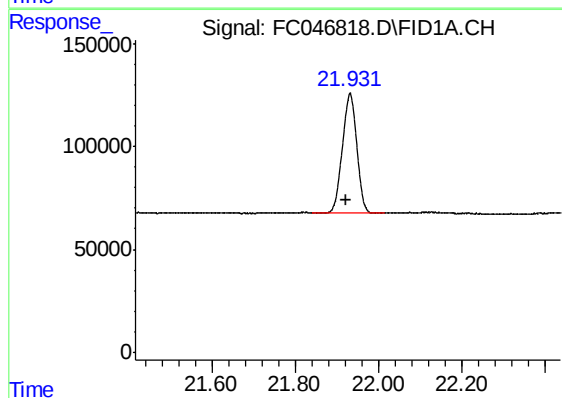
#20 n-Hexatriacontane (C36)

R.T.: 20.208 min
Delta R.T.: 0.006 min
Response: 1348978
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: 0.009 min
Response: 1327624
Conc: 21.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: 0.009 min
Response: 1382706
Conc: 19.98 ug/ml