

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041219AL\
 Data File : FC040590.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2019 13:26
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 15 00:36:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.027	2431633	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	12.456	1856925	18.799 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
Target Compounds			
1) T n-Nonane (C9)	2.861	1422966	17.241 ug/ml
2) T n-Decane (C10)	3.883	1539671	18.192 ug/ml
3) T A~Naphthalene (C11.7)	5.458	1997270	20.470 ug/ml
4) T n-Dodecane (C12)	5.878	1699748	19.678 ug/ml
5) T A~2-methylnaphthalene...	6.507	2063825	20.771 ug/ml
6) T n-Tetradecane (C14)	7.667	1824763	20.021 ug/ml
7) T n-Hexadecane (C16)	9.265	1873815	19.496 ug/ml
8) T n-Octadecane (C18)	10.704	1876379	18.705 ug/ml
10) T n-Eicosane (C20)	12.011	1883921	18.512 ug/ml
11) T n-Heneicosane (C21)	12.622	1868430	18.528 ug/ml
13) T n-Docosane (C22)	13.207	1883846	18.741 ug/ml
14) T n-Tetracosane (C24)	14.308	1929019	19.375 ug/ml
15) T n-Hexacosane (C26)	15.327	1959598	20.016 ug/ml
16) T n-Octacosane (C28)	16.277	2033627	20.730 ug/ml
17) T n-Tricontane (C30)	17.163	2068180	21.136 ug/ml
18) T n-Dotriacontane (C32)	17.994	2044514	21.126 ug/ml
19) T n-Tetratriacontane (C34)	18.811	1751298	20.891 ug/ml
20) T n-Hexatriacontane (C36)	19.836	1499778	20.370 ug/ml
21) T n-Octatriacontane (C38)	21.221	1405557	20.341 ug/ml
22) T n-Tetracontane (C40)	23.146	1367541	20.174 ug/ml

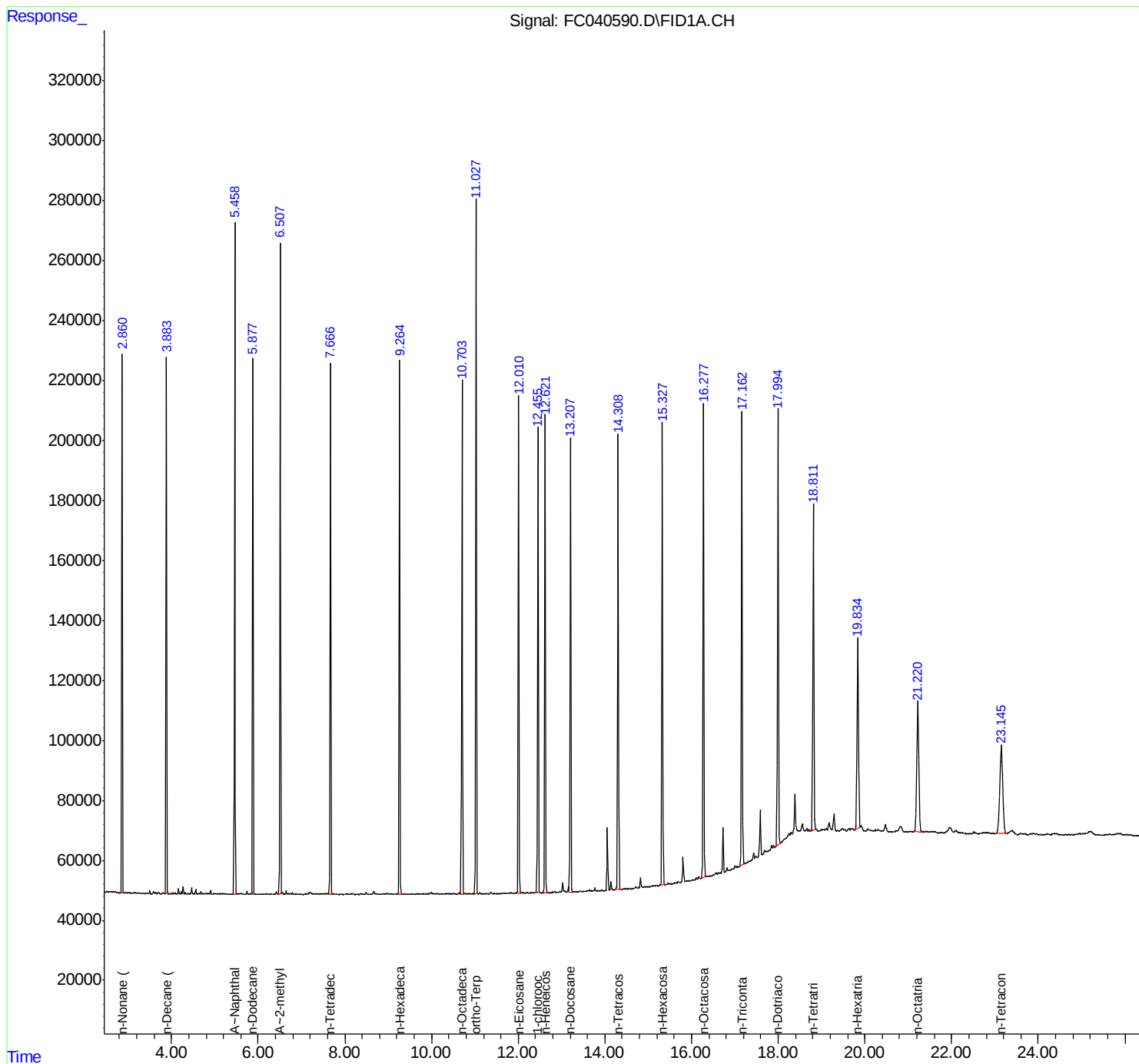
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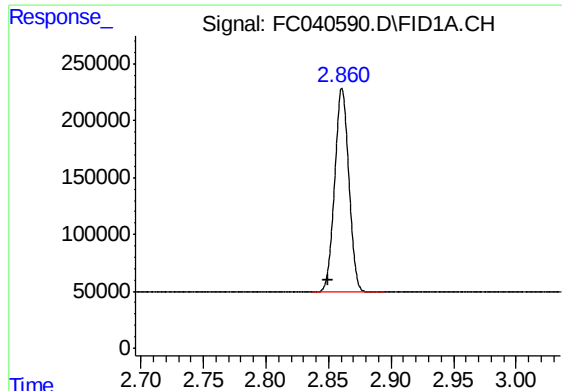
(m)=manual int.

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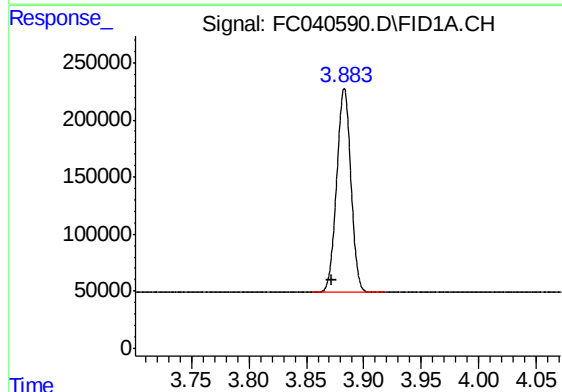
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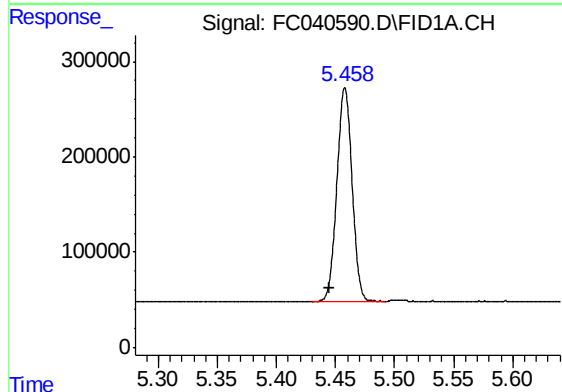
#1 n-Nonane (C9)

R.T.: 2.861 min
Delta R.T.: 0.011 min
Response: 1422966
Conc: 17.24 ug/ml



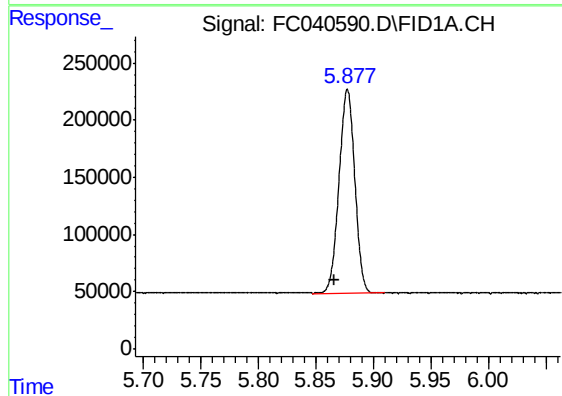
#2 n-Decane (C10)

R.T.: 3.883 min
Delta R.T.: 0.011 min
Response: 1539671
Conc: 18.19 ug/ml



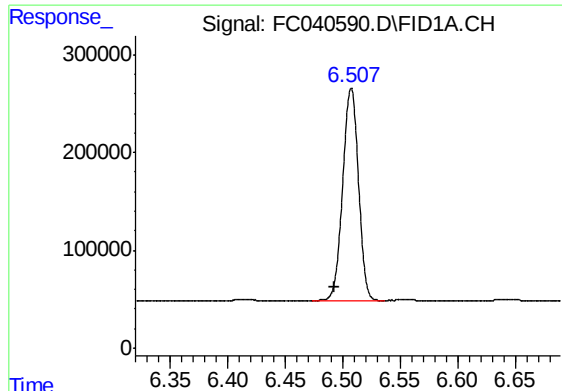
#3 A-Naphthalene (C11.7)

R.T.: 5.458 min
Delta R.T.: 0.014 min
Response: 1997270
Conc: 20.47 ug/ml



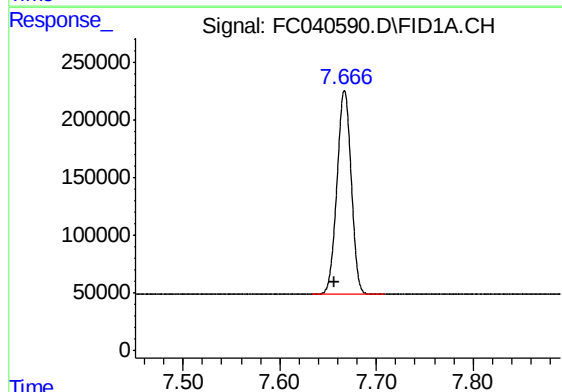
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.011 min
Response: 1699748
Conc: 19.68 ug/ml



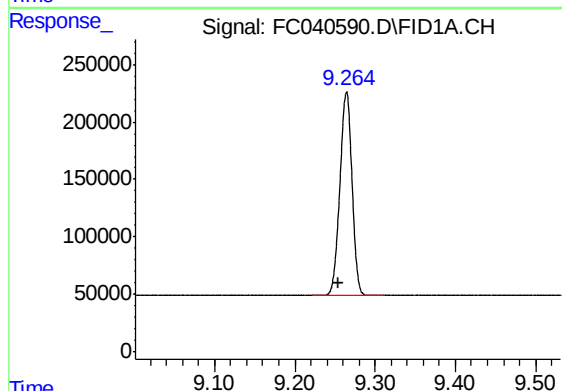
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.507 min
Delta R.T.: 0.014 min
Response: 2063825
Conc: 20.77 ug/ml



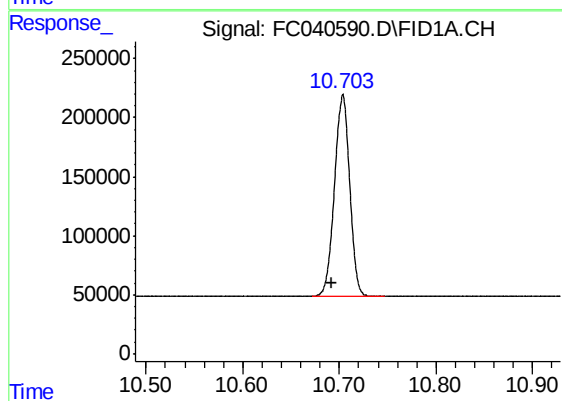
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 1824763
Conc: 20.02 ug/ml



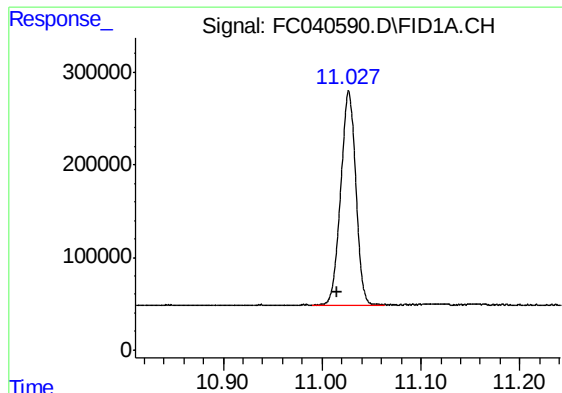
#7 n-Hexadecane (C16)

R.T.: 9.265 min
Delta R.T.: 0.011 min
Response: 1873815
Conc: 19.50 ug/ml



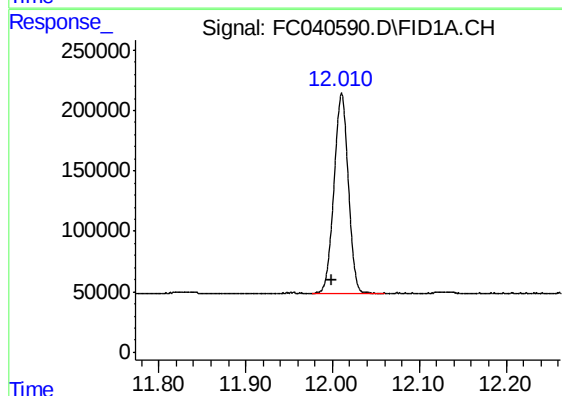
#8 n-Octadecane (C18)

R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 1876379
Conc: 18.71 ug/ml



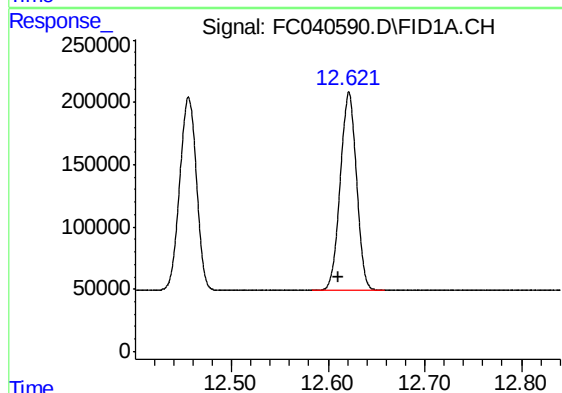
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: 0.012 min
Response: 2431633
Conc: 18.88 ug/ml



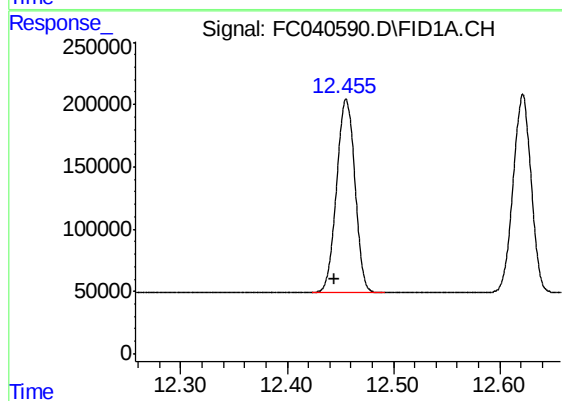
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 1883921
Conc: 18.51 ug/ml



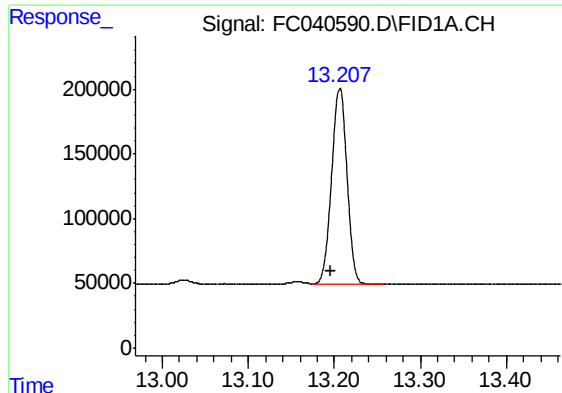
#11 n-Heneicosane (C21)

R.T.: 12.622 min
Delta R.T.: 0.011 min
Response: 1868430
Conc: 18.53 ug/ml



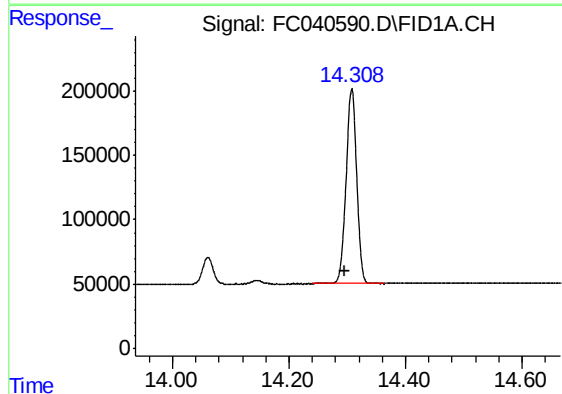
#12 1-chlorooctadecane (SURR)

R.T.: 12.456 min
Delta R.T.: 0.011 min
Response: 1856925
Conc: 18.80 ug/ml



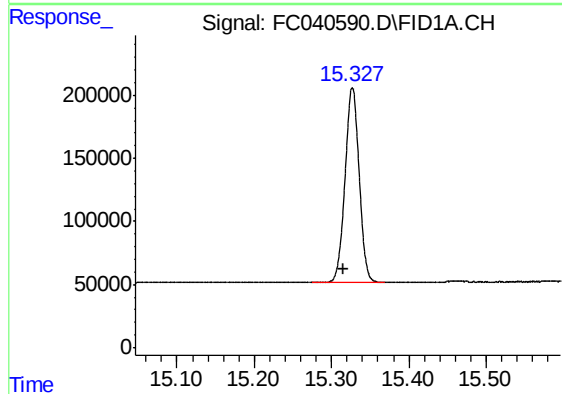
#13 n-Docosane (C22)

R.T.: 13.207 min
Delta R.T.: 0.011 min
Response: 1883846
Conc: 18.74 ug/ml



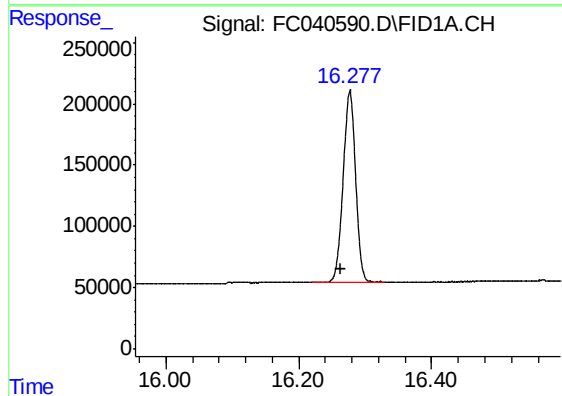
#14 n-Tetracosane (C24)

R.T.: 14.308 min
Delta R.T.: 0.012 min
Response: 1929019
Conc: 19.37 ug/ml



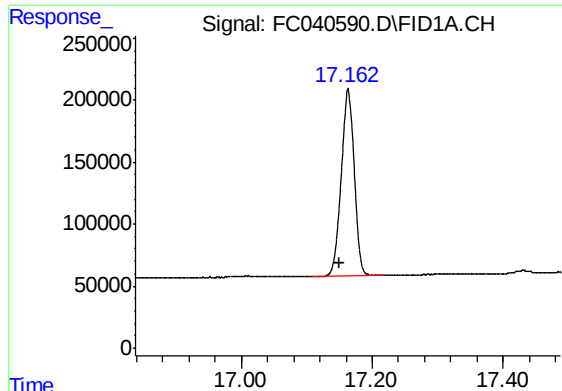
#15 n-Hexacosane (C26)

R.T.: 15.327 min
Delta R.T.: 0.011 min
Response: 1959598
Conc: 20.02 ug/ml



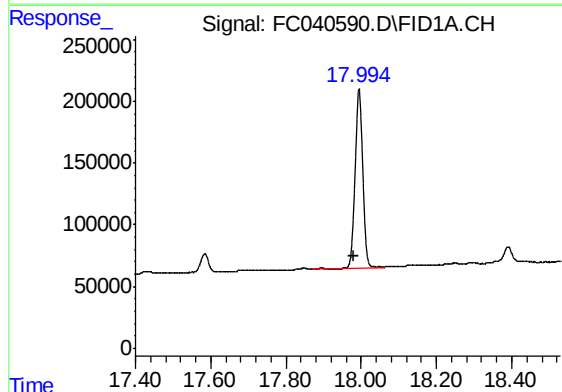
#16 n-Octacosane (C28)

R.T.: 16.277 min
Delta R.T.: 0.013 min
Response: 2033627
Conc: 20.73 ug/ml



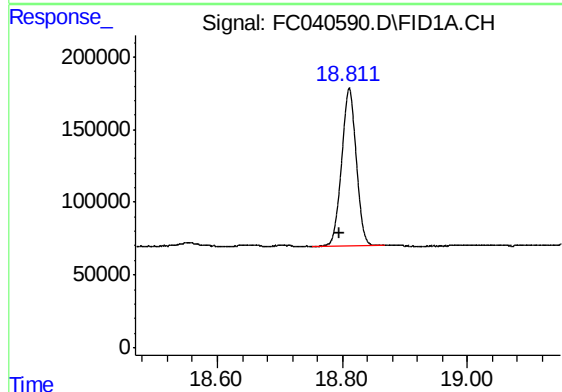
#17 n-Tricontane (C30)

R.T.: 17.163 min
Delta R.T.: 0.013 min
Response: 2068180
Conc: 21.14 ug/ml



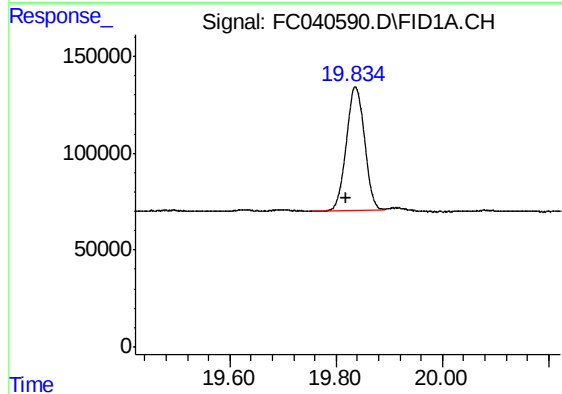
#18 n-Dotriacontane (C32)

R.T.: 17.994 min
Delta R.T.: 0.014 min
Response: 2044514
Conc: 21.13 ug/ml



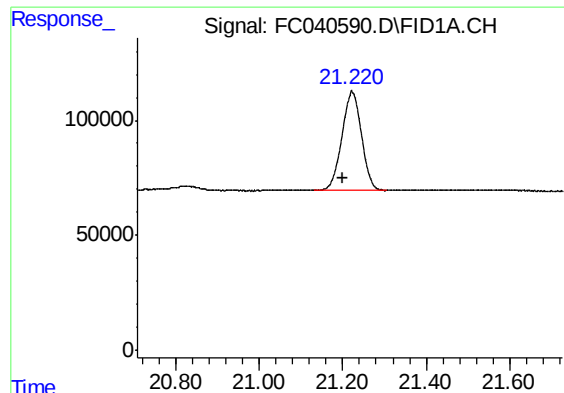
#19 n-Tetratriacontane (C34)

R.T.: 18.811 min
Delta R.T.: 0.015 min
Response: 1751298
Conc: 20.89 ug/ml



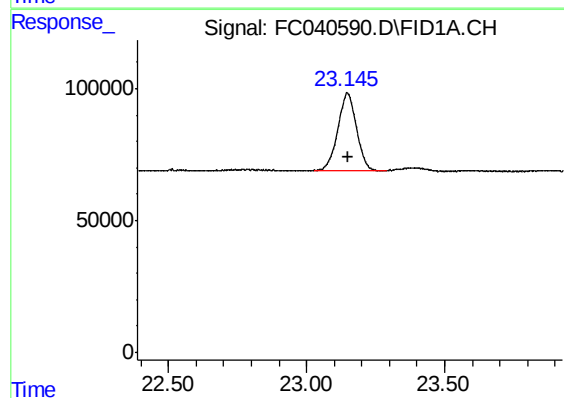
#20 n-Hexatriacontane (C36)

R.T.: 19.836 min
Delta R.T.: 0.018 min
Response: 1499778
Conc: 20.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.021 min
Response: 1405557
Conc: 20.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.146 min
Delta R.T.: -0.004 min
Response: 1367541
Conc: 20.17 ug/ml