

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102219AL\
 Data File : FC044142.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2019 3:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 23 06:34:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.720	2716452	18.636 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	13.154	2055359	18.382 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.437	2154227	19.556 ug/ml
2) T n-Decane (C10)	4.515	2172690	19.561 ug/ml
3) T A~Naphthalene (C11.7)	6.115	2433111	19.555 ug/ml
4) T n-Dodecane (C12)	6.544	2189227	19.466 ug/ml
5) T A~2-methylnaphthalene...	7.175	2450001	19.429 ug/ml
6) T n-Tetradecane (C14)	8.344	2184955	19.313 ug/ml
7) T n-Hexadecane (C16)	9.949	2167583	18.970 ug/ml
8) T n-Octadecane (C18)	11.394	2137917	18.673 ug/ml
10) T n-Eicosane (C20)	12.706	2093571	18.357 ug/ml
11) T n-Heneicosane (C21)	13.321	2081925	18.151 ug/ml
13) T n-Docosane (C22)	13.908	2037612	17.943 ug/ml
14) T n-Tetracosane (C24)	15.012	1977024	17.483 ug/ml
15) T n-Hexacosane (C26)	16.036	1902076	17.192 ug/ml
16) T n-Octacosane (C28)	16.988	1838559	16.972 ug/ml
17) T n-Tricontane (C30)	17.879	1794322	16.954 ug/ml
18) T n-Dotriacontane (C32)	18.713	1721026	17.089 ug/ml
19) T n-Tetratriacontane (C34)	19.499	1670363	17.814 ug/ml
20) T n-Hexatriacontane (C36)	20.240	1593695	18.358 ug/ml
21) T n-Octatriacontane (C38)	21.015	1761855	21.848 ug/mlm
22) T n-Tetracontane (C40)	21.992	1823029	21.567 ug/mlm

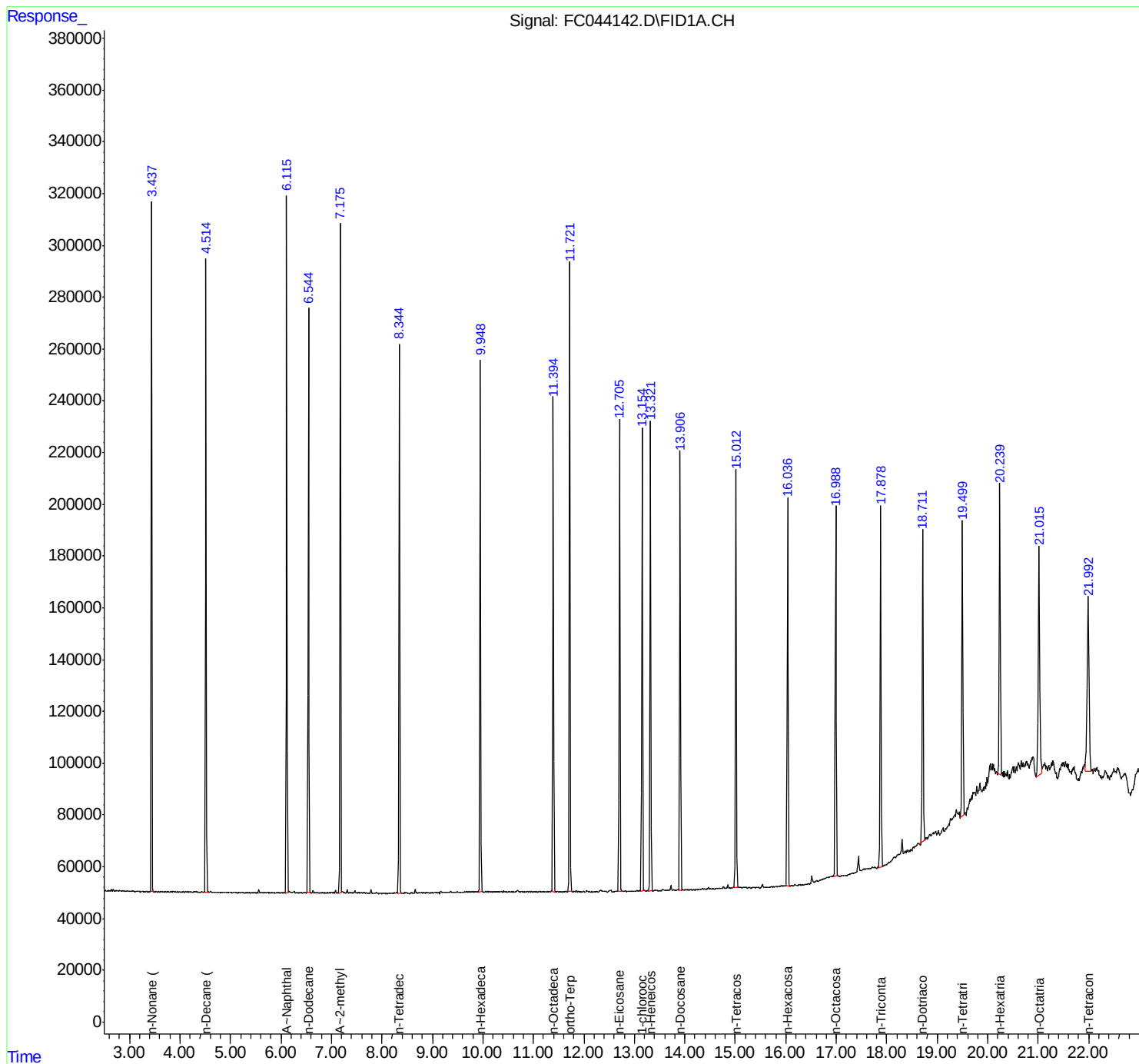
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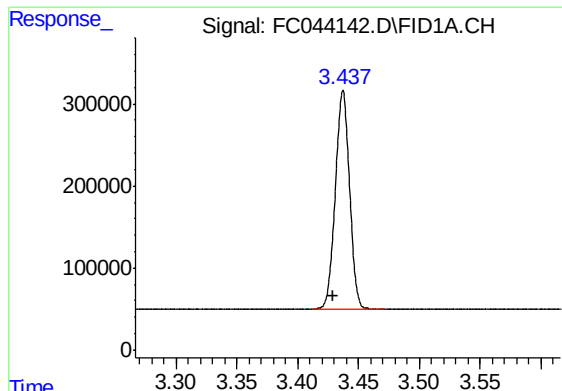
(m)=manual int.

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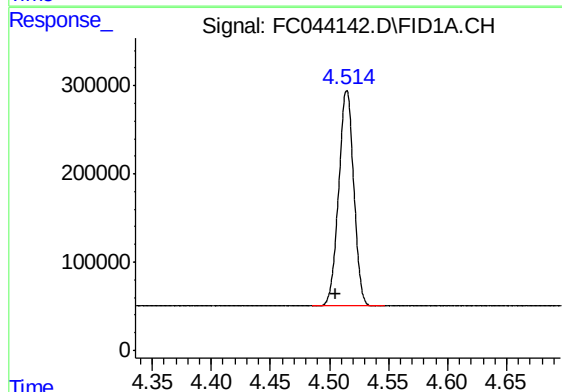
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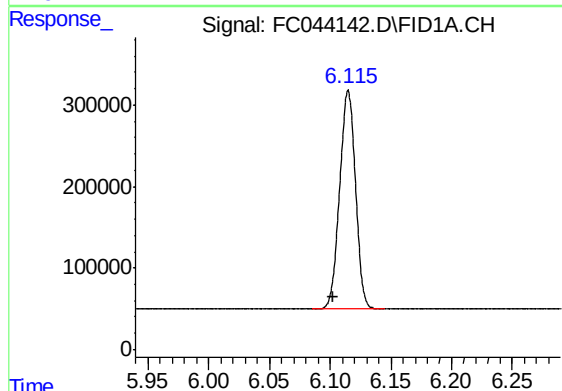
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: 0.008 min
Response: 2154227
Conc: 19.56 ug/ml



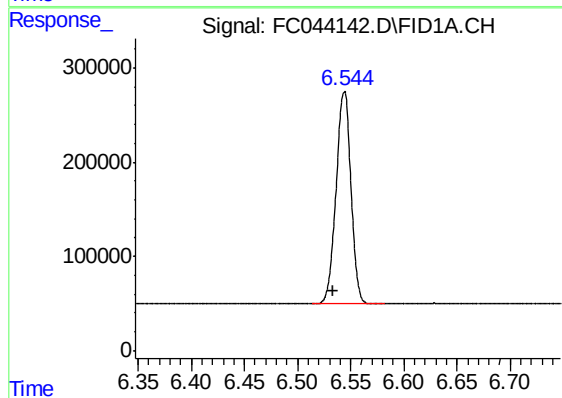
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.009 min
Response: 2172690
Conc: 19.56 ug/ml



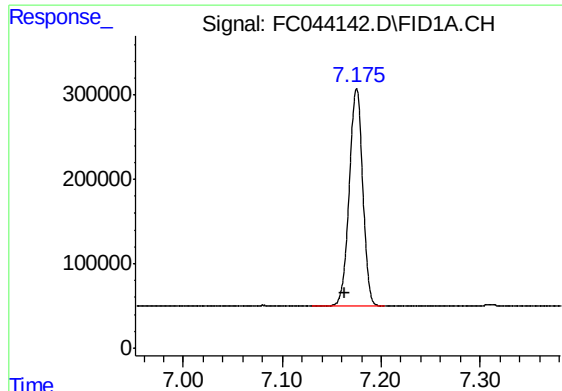
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.012 min
Response: 2433111
Conc: 19.56 ug/ml



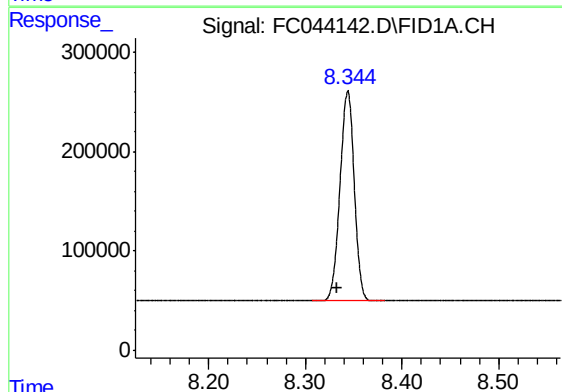
#4 n-Dodecane (C12)

R.T.: 6.544 min
Delta R.T.: 0.011 min
Response: 2189227
Conc: 19.47 ug/ml



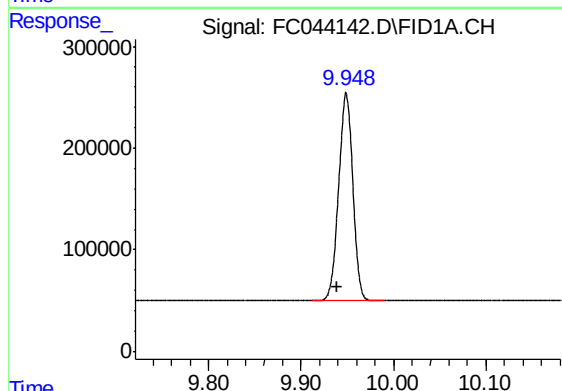
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.175 min
Delta R.T.: 0.013 min
Response: 2450001
Conc: 19.43 ug/ml



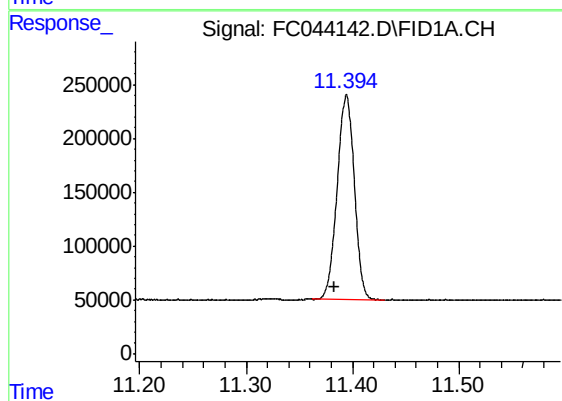
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: 0.011 min
Response: 2184955
Conc: 19.31 ug/ml



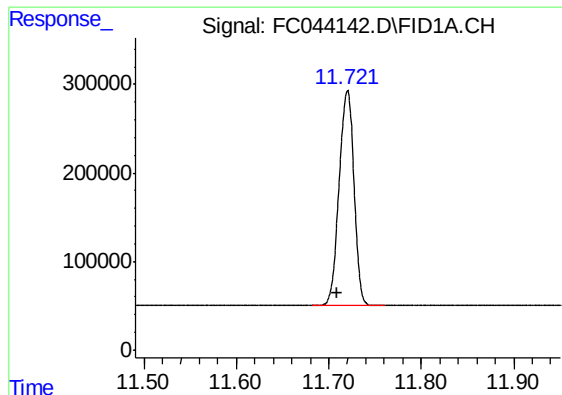
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.011 min
Response: 2167583
Conc: 18.97 ug/ml



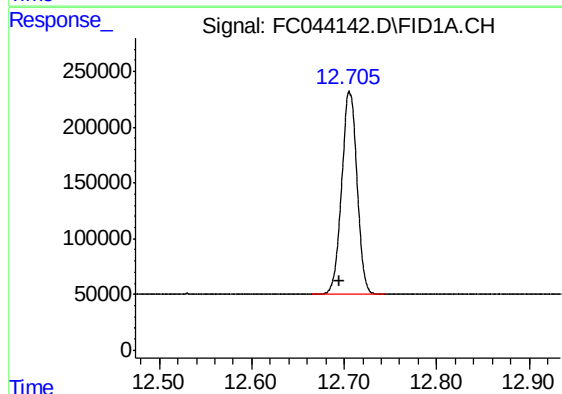
#8 n-Octadecane (C18)

R.T.: 11.394 min
Delta R.T.: 0.012 min
Response: 2137917
Conc: 18.67 ug/ml



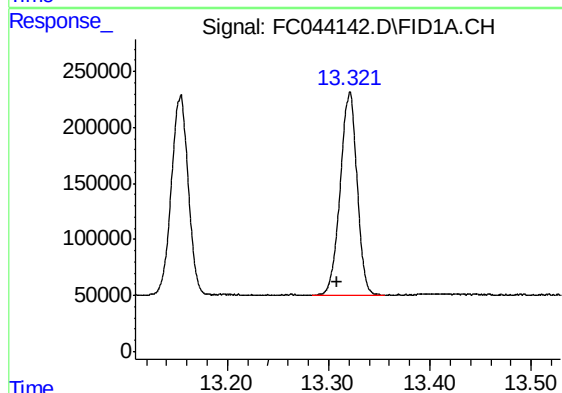
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.012 min
Response: 2716452
Conc: 18.64 ug/ml



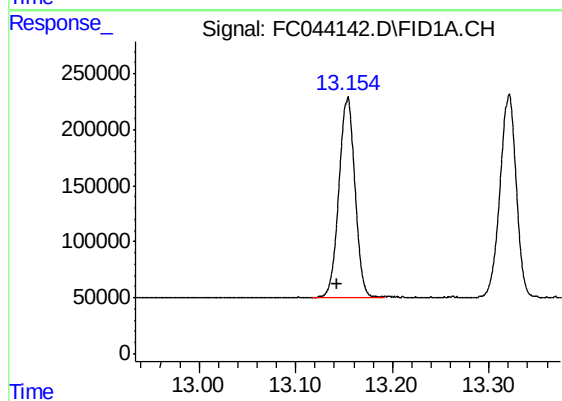
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.011 min
Response: 2093571
Conc: 18.36 ug/ml



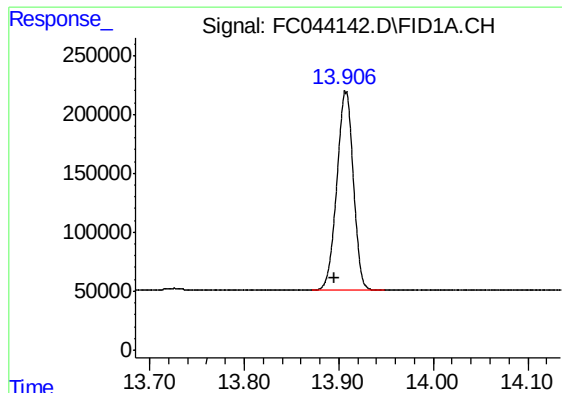
#11 n-Heneicosane (C21)

R.T.: 13.321 min
Delta R.T.: 0.013 min
Response: 2081925
Conc: 18.15 ug/ml



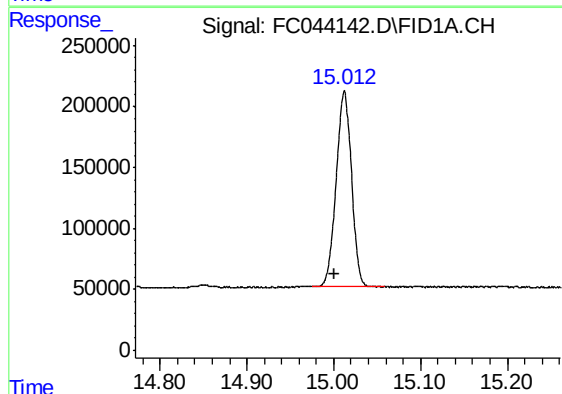
#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min
Delta R.T.: 0.011 min
Response: 2055359
Conc: 18.38 ug/ml



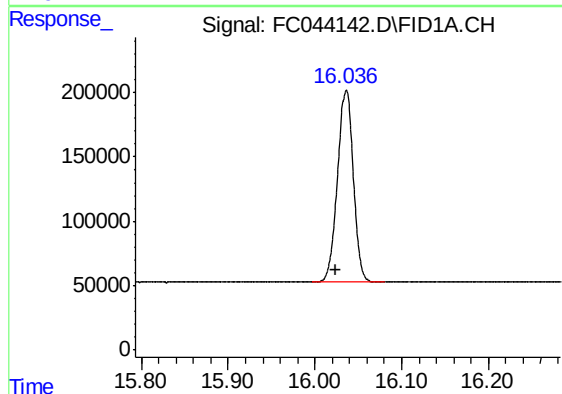
#13 n-Docosane (C22)

R.T.: 13.908 min
Delta R.T.: 0.012 min
Response: 2037612
Conc: 17.94 ug/ml



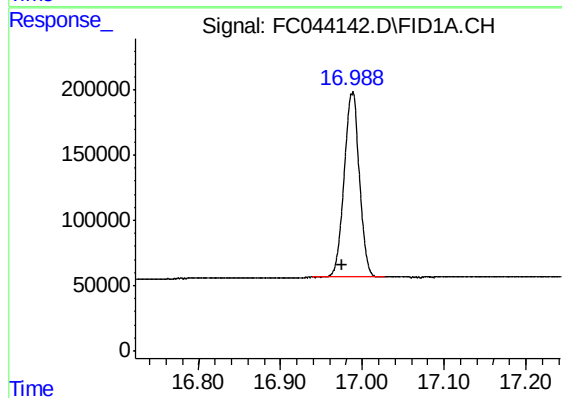
#14 n-Tetracosane (C24)

R.T.: 15.012 min
Delta R.T.: 0.011 min
Response: 1977024
Conc: 17.48 ug/ml



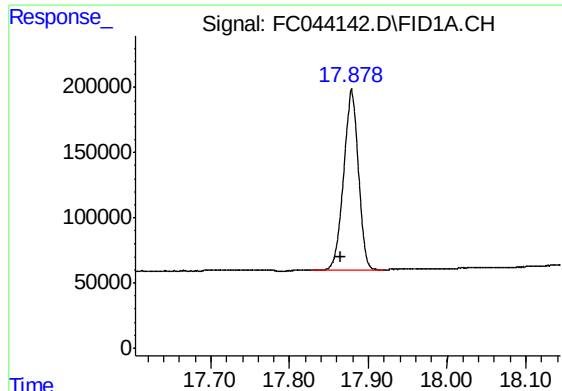
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.013 min
Response: 1902076
Conc: 17.19 ug/ml



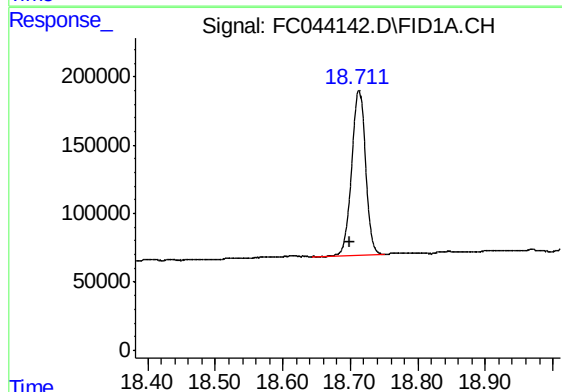
#16 n-Octacosane (C28)

R.T.: 16.988 min
Delta R.T.: 0.013 min
Response: 1838559
Conc: 16.97 ug/ml



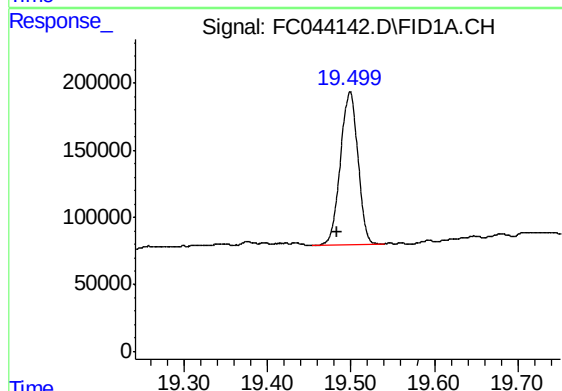
#17 n-Tricontane (C30)

R.T.: 17.879 min
Delta R.T.: 0.014 min
Response: 1794322
Conc: 16.95 ug/ml



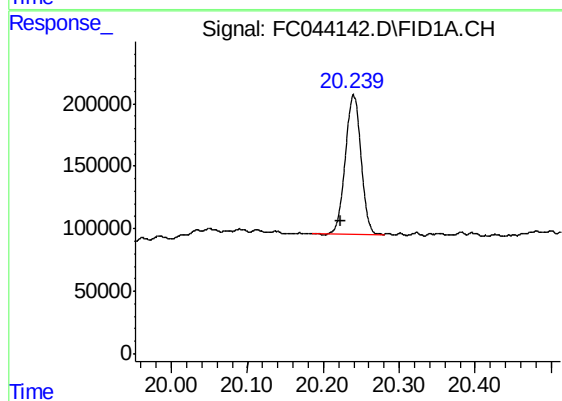
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: 0.014 min
Response: 1721026
Conc: 17.09 ug/ml



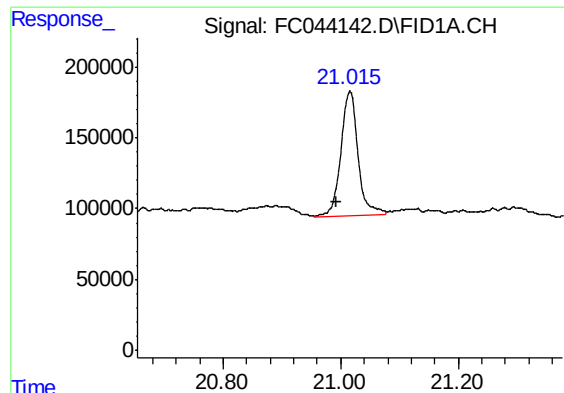
#19 n-Tetatriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.015 min
Response: 1670363
Conc: 17.81 ug/ml



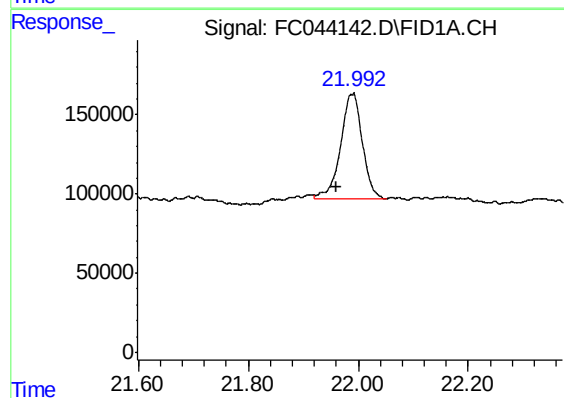
#20 n-Hexatriacontane (C36)

R.T.: 20.240 min
Delta R.T.: 0.016 min
Response: 1593695
Conc: 18.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.021 min
Response: 1761855
Conc: 21.85 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.031 min
Response: 1823029
Conc: 21.57 ug/ml m