

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082119AL\
 Data File : FC043042.D
 Signal(s) : FID1A.CH
 Acq On : 21 Aug 2019 9:15
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 22 00:40:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.656	2767985	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	13.078	2268736	19.114 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.476	2674150	21.564 ug/ml
2) T n-Decane (C10)	4.535	2733342	21.786 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2892599	21.354 ug/ml
4) T n-Dodecane (C12)	6.533	2752859	21.705 ug/ml
5) T A~2-methylnaphthalene...	7.165	2887400	21.226 ug/ml
6) T n-Tetradecane (C14)	8.313	2743754	21.504 ug/ml
7) T n-Hexadecane (C16)	9.901	2724456	21.077 ug/ml
8) T n-Octadecane (C18)	11.333	2706872	20.458 ug/ml
10) T n-Eicosane (C20)	12.634	2673358	19.777 ug/ml
11) T n-Heneicosane (C21)	13.243	2625469	19.423 ug/ml
13) T n-Docosane (C22)	13.826	2580007	19.004 ug/ml
14) T n-Tetracosane (C24)	14.923	2483761	18.241 ug/ml
15) T n-Hexacosane (C26)	15.937	2414020	17.896 ug/ml
16) T n-Octacosane (C28)	16.883	2343306	17.610 ug/ml
17) T n-Tricontane (C30)	17.765	2257145	17.628 ug/ml
18) T n-Dotriacontane (C32)	18.594	2107454	18.074 ug/ml
19) T n-Tetratriacontane (C34)	19.375	1788244	18.613 ug/ml
20) T n-Hexatriacontane (C36)	20.110	1636700	19.730 ug/mlm
21) T n-Octatriacontane (C38)	20.847	1538371	20.794 ug/mlm
22) T n-Tetracontane (C40)	21.764	1574596	21.799 ug/ml

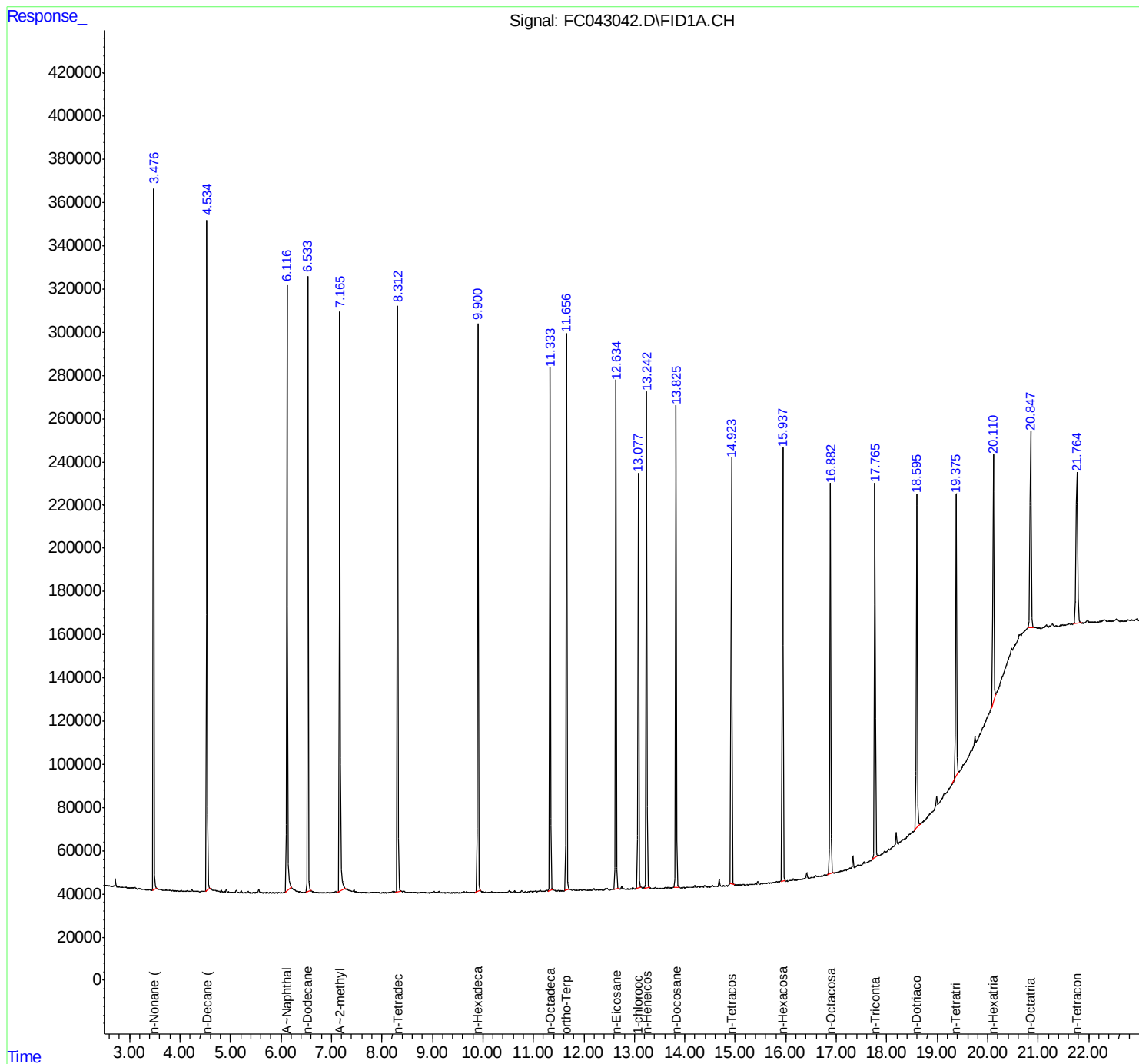
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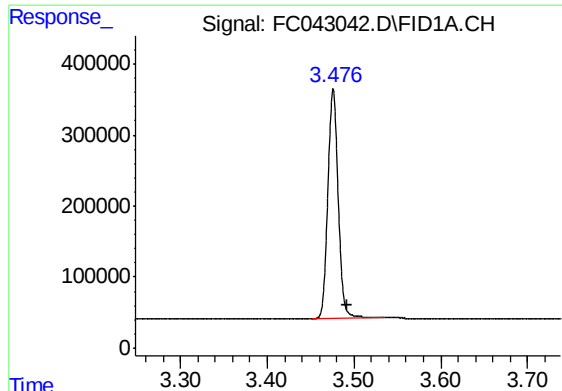
(m)=manual int.

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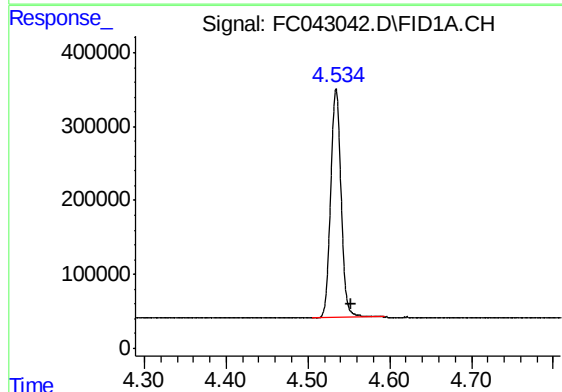
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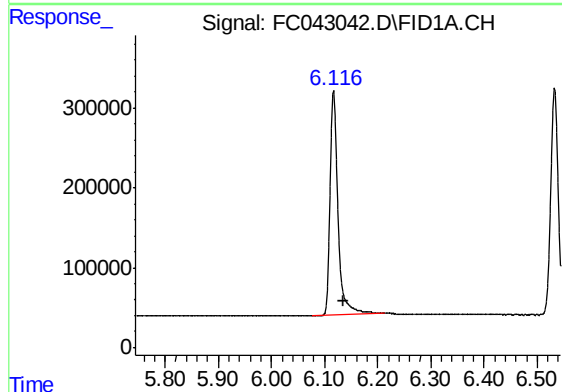
#1 n-Nonane (C9)

R.T.: 3.476 min
Delta R.T.: -0.016 min
Response: 2674150
Conc: 21.56 ug/ml



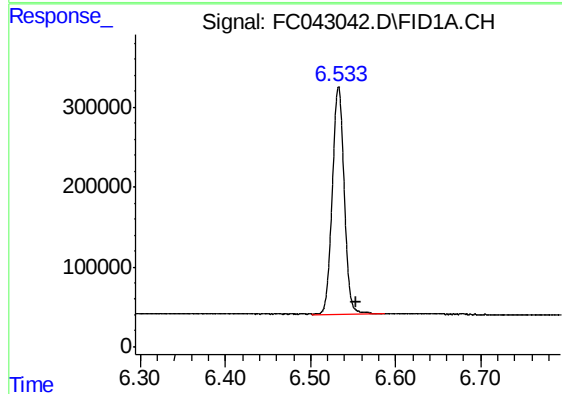
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.018 min
Response: 2733342
Conc: 21.79 ug/ml



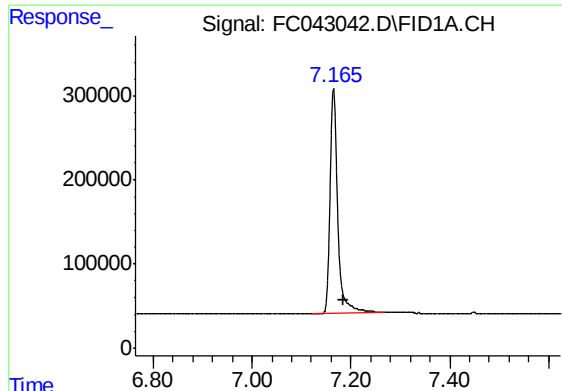
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.020 min
Response: 2892599
Conc: 21.35 ug/ml



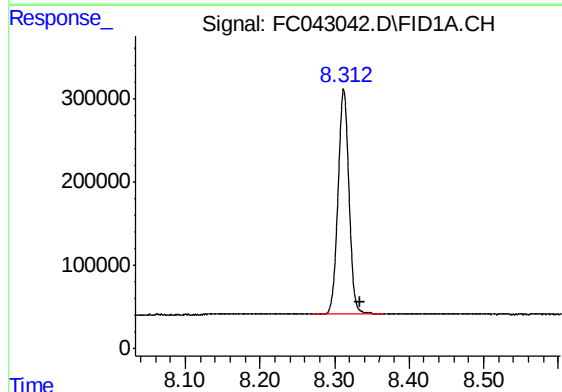
#4 n-Dodecane (C12)

R.T.: 6.533 min
Delta R.T.: -0.021 min
Response: 2752859
Conc: 21.70 ug/ml



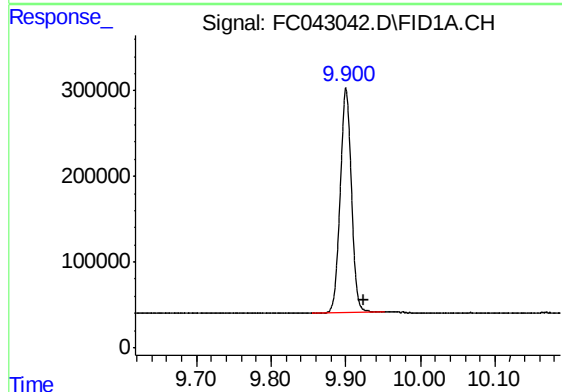
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: -0.020 min
Response: 2887400
Conc: 21.23 ug/ml



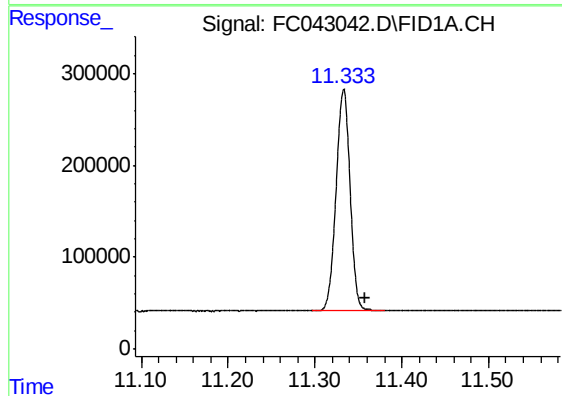
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.022 min
Response: 2743754
Conc: 21.50 ug/ml



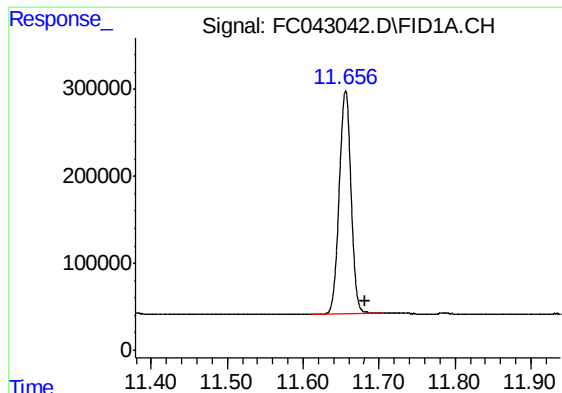
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: -0.024 min
Response: 2724456
Conc: 21.08 ug/ml



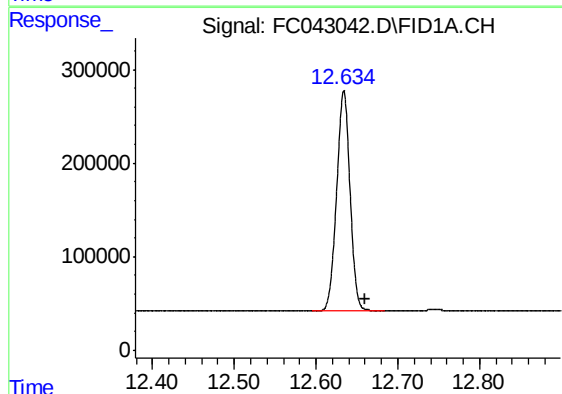
#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: -0.025 min
Response: 2706872
Conc: 20.46 ug/ml



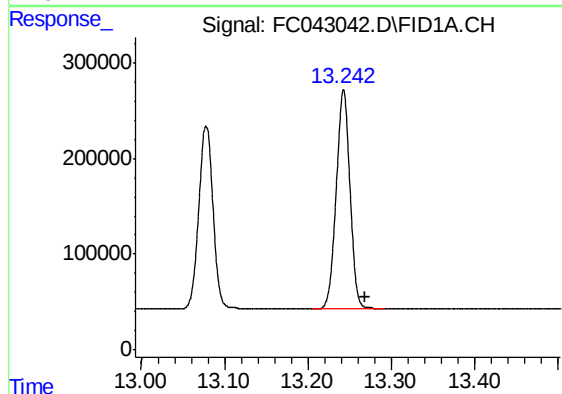
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.026 min
Response: 2767985
Conc: 19.49 ug/ml



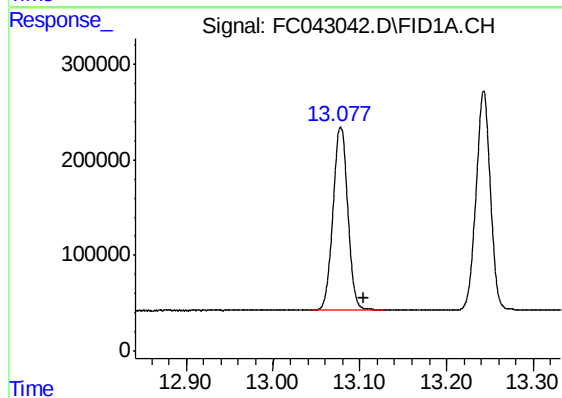
#10 n-Eicosane (C20)

R.T.: 12.634 min
Delta R.T.: -0.026 min
Response: 2673358
Conc: 19.78 ug/ml



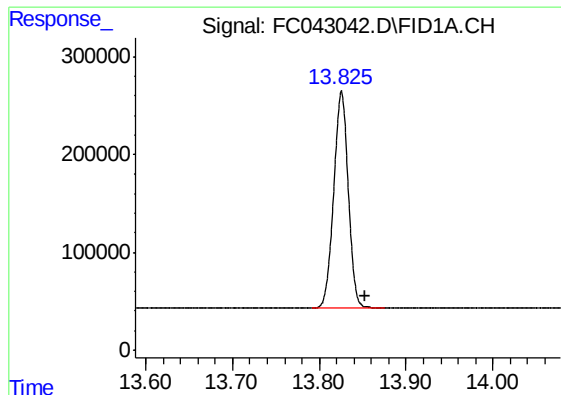
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.026 min
Response: 2625469
Conc: 19.42 ug/ml



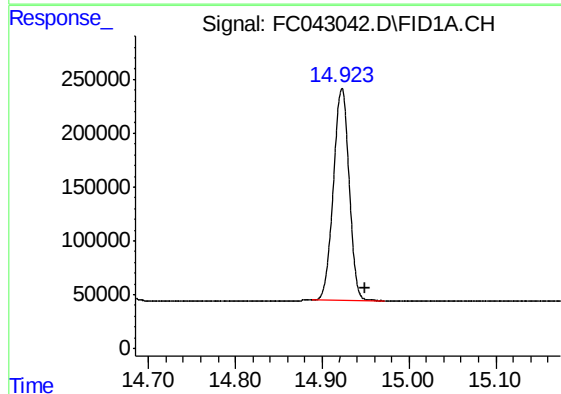
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.026 min
Response: 2268736
Conc: 19.11 ug/ml



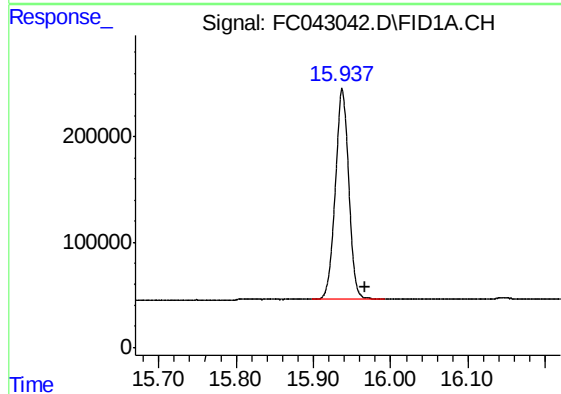
#13 n-Docosane (C22)

R.T.: 13.826 min
Delta R.T.: -0.027 min
Response: 2580007
Conc: 19.00 ug/ml



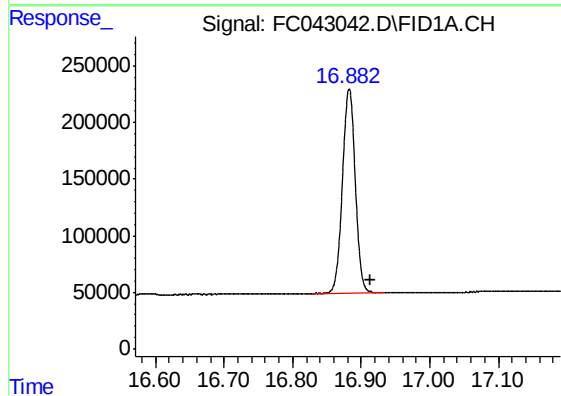
#14 n-Tetracosane (C24)

R.T.: 14.923 min
Delta R.T.: -0.027 min
Response: 2483761
Conc: 18.24 ug/ml



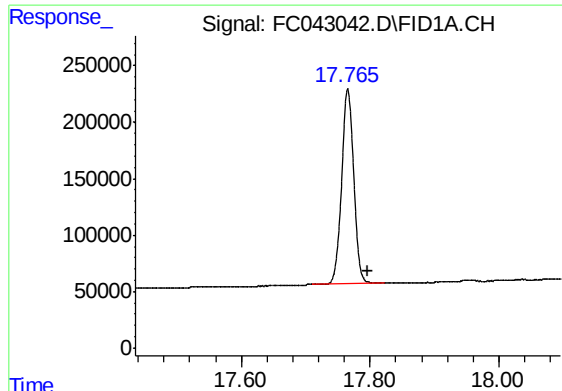
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: -0.030 min
Response: 2414020
Conc: 17.90 ug/ml



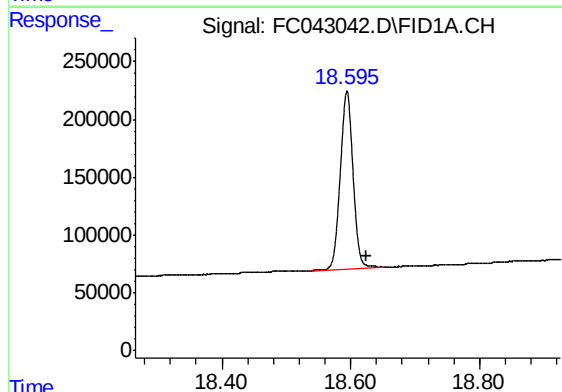
#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.030 min
Response: 2343306
Conc: 17.61 ug/ml



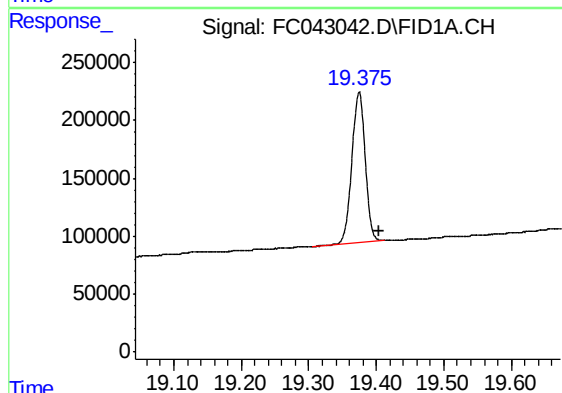
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: -0.031 min
Response: 2257145
Conc: 17.63 ug/ml



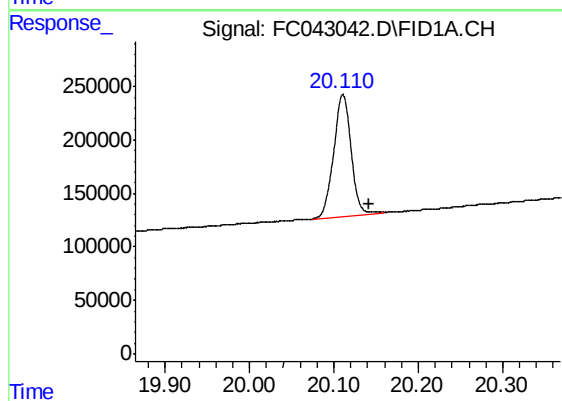
#18 n-Dotriacontane (C32)

R.T.: 18.594 min
Delta R.T.: -0.031 min
Response: 2107454
Conc: 18.07 ug/ml



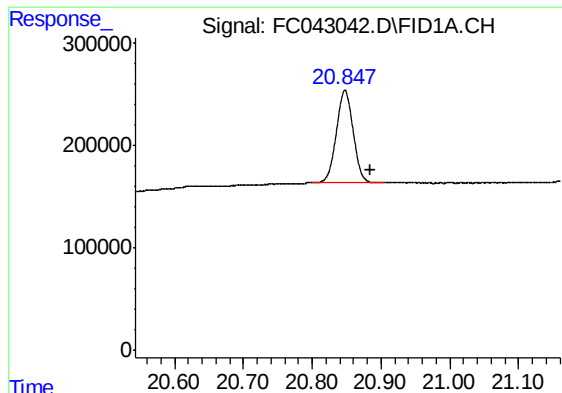
#19 n-Tetatriacontane (C34)

R.T.: 19.375 min
Delta R.T.: -0.029 min
Response: 1788244
Conc: 18.61 ug/ml



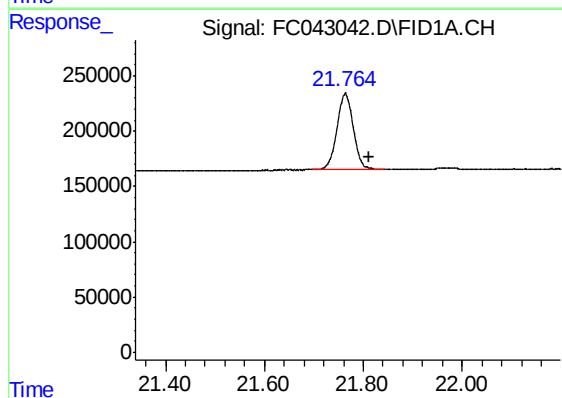
#20 n-Hexatriacontane (C36)

R.T.: 20.110 min
Delta R.T.: -0.031 min
Response: 1636700
Conc: 19.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.847 min
Delta R.T.: -0.037 min
Response: 1538371
Conc: 20.79 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.764 min
Delta R.T.: -0.047 min
Response: 1574596
Conc: 21.80 ug/ml