

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121319AL\
 Data File : FC044941.D
 Signal(s) : FID1A.CH
 Acq On : 14 Dec 2019 12:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 16 00:12:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.762	2474088	21.712 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
12) S 1-chlorooctadecane (S...	13.186	1937736	21.882 ug/ml
Spiked Amount 50.000		Recovery =	43.76%
Target Compounds			
1) T n-Nonane (C9)	3.505	2292003	22.545 ug/ml
2) T n-Decane (C10)	4.580	2325325	22.897 ug/ml
3) T A~Naphthalene (C11.7)	6.181	2605043	22.801 ug/ml
4) T n-Dodecane (C12)	6.600	2352905	23.127 ug/ml
5) T A~2-methylnaphthalene...	7.238	2624381	22.887 ug/ml
6) T n-Tetradecane (C14)	8.392	2365085	23.203 ug/ml
7) T n-Hexadecane (C16)	9.991	2373596	23.133 ug/ml
8) T n-Octadecane (C18)	11.432	2357953	22.773 ug/ml
10) T n-Eicosane (C20)	12.739	2317012	22.211 ug/ml
11) T n-Heneicosane (C21)	13.350	2302450	21.827 ug/ml
13) T n-Docosane (C22)	13.937	2280102	21.614 ug/ml
14) T n-Tetracosane (C24)	15.038	2219922	20.736 ug/ml
15) T n-Hexacosane (C26)	16.058	2142277	20.129 ug/ml
16) T n-Octacosane (C28)	17.008	2072925	19.750 ug/ml
17) T n-Tricontane (C30)	17.894	1976368	19.739 ug/ml
18) T n-Dotriacontane (C32)	18.725	1680527	20.184 ug/ml
19) T n-Tetratriacontane (C34)	19.507	1436403	20.936 ug/ml
20) T n-Hexatriacontane (C36)	20.246	1314062	22.015 ug/ml
21) T n-Octatriacontane (C38)	21.019	1224727	22.782 ug/ml
22) T n-Tetracontane (C40)	21.996	1277281	23.840 ug/ml

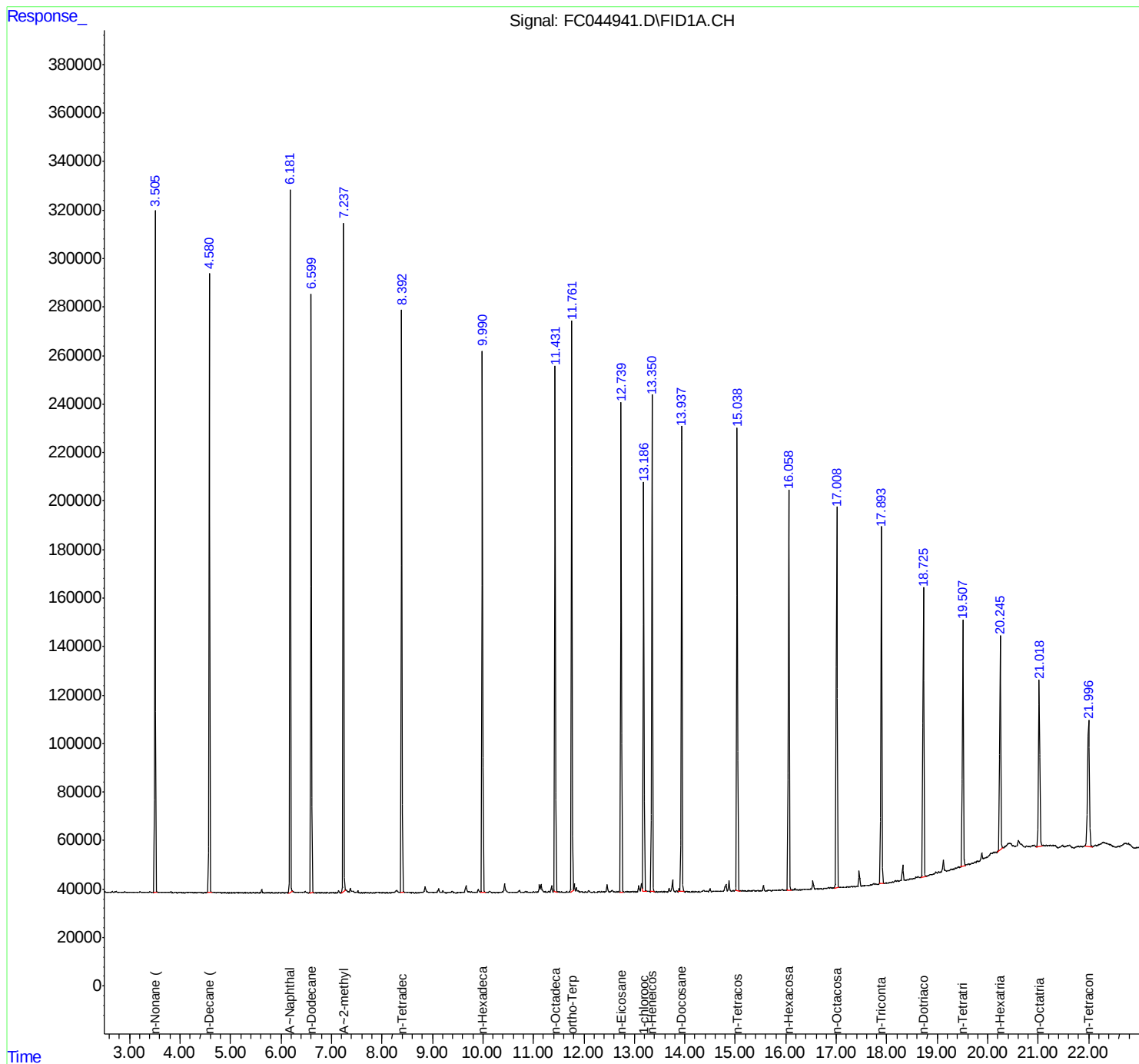
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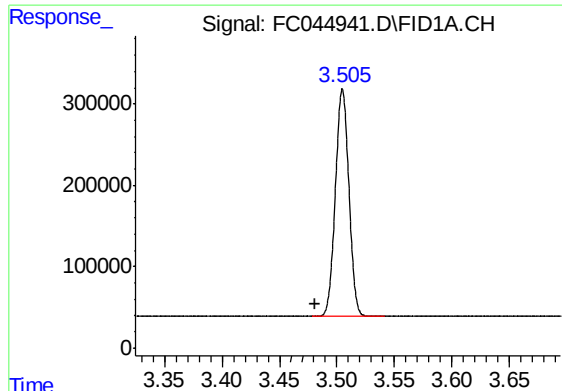
(m)=manual int.

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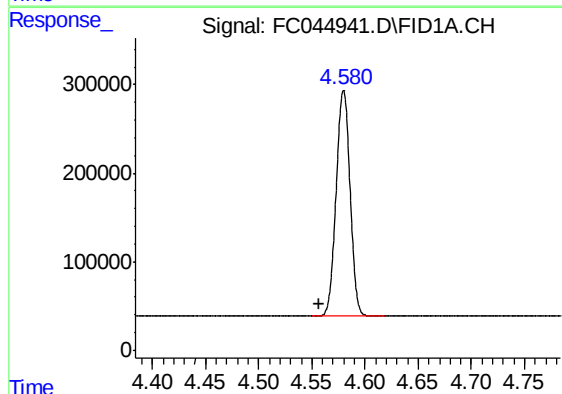
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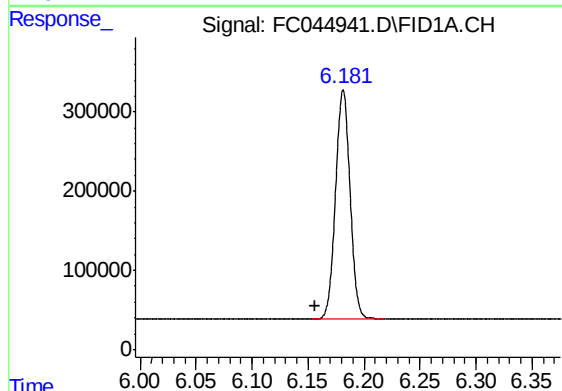
#1 n-Nonane (C9)

R.T.: 3.505 min
Delta R.T.: 0.024 min
Response: 2292003
Conc: 22.54 ug/ml



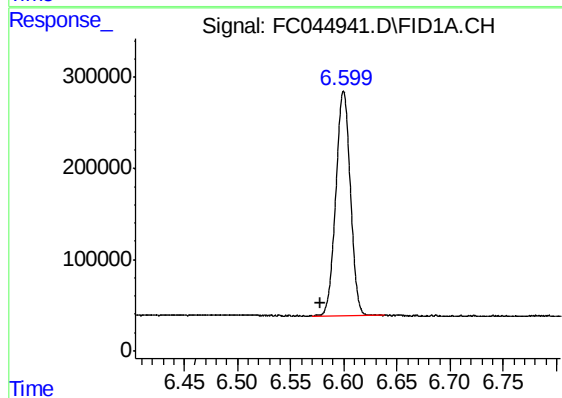
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.024 min
Response: 2325325
Conc: 22.90 ug/ml



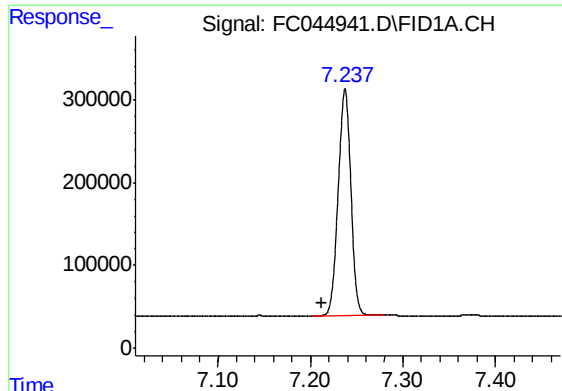
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: 0.025 min
Response: 2605043
Conc: 22.80 ug/ml



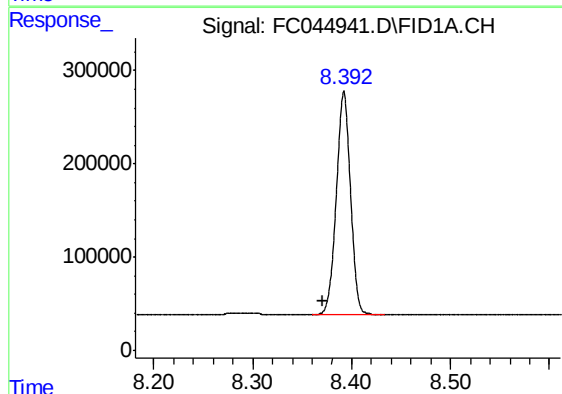
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: 0.022 min
Response: 2352905
Conc: 23.13 ug/ml



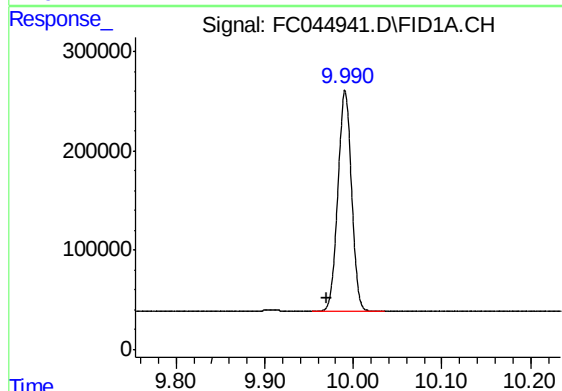
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: 0.025 min
Response: 2624381
Conc: 22.89 ug/ml



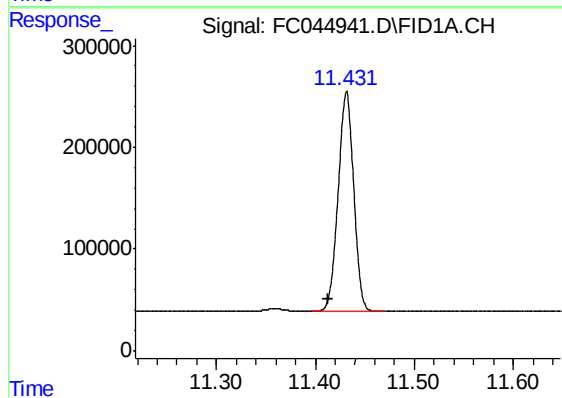
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: 0.021 min
Response: 2365085
Conc: 23.20 ug/ml



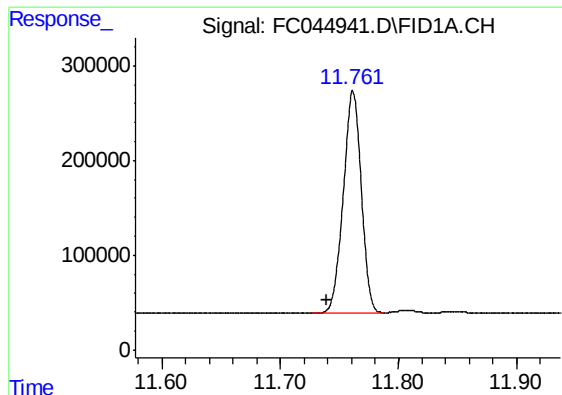
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.021 min
Response: 2373596
Conc: 23.13 ug/ml



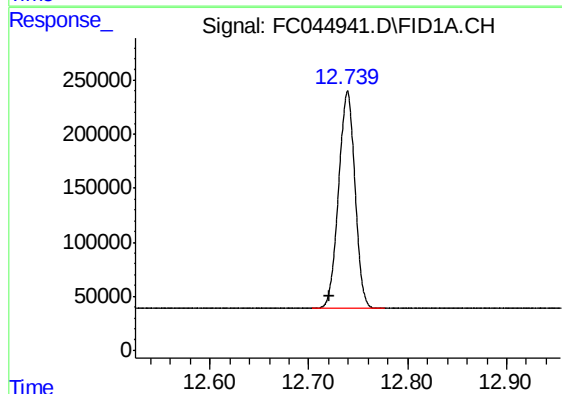
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: 0.019 min
Response: 2357953
Conc: 22.77 ug/ml



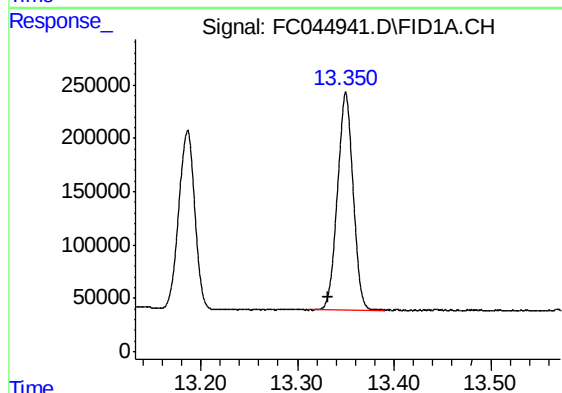
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: 0.022 min
Response: 2474088
Conc: 21.71 ug/ml



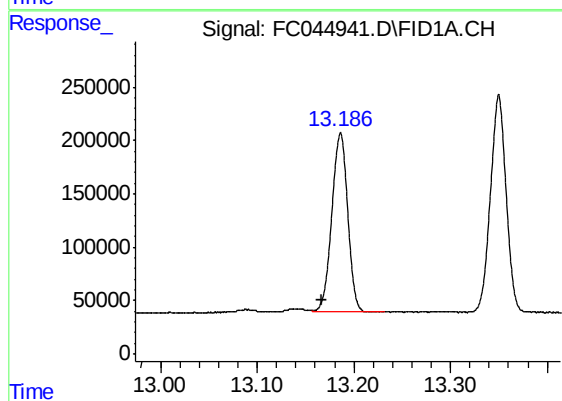
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: 0.018 min
Response: 2317012
Conc: 22.21 ug/ml



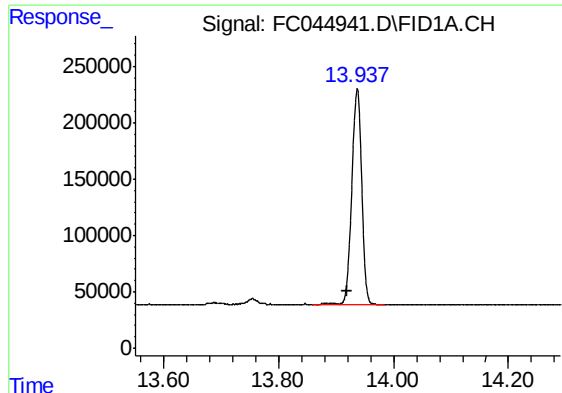
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: 0.018 min
Response: 2302450
Conc: 21.83 ug/ml



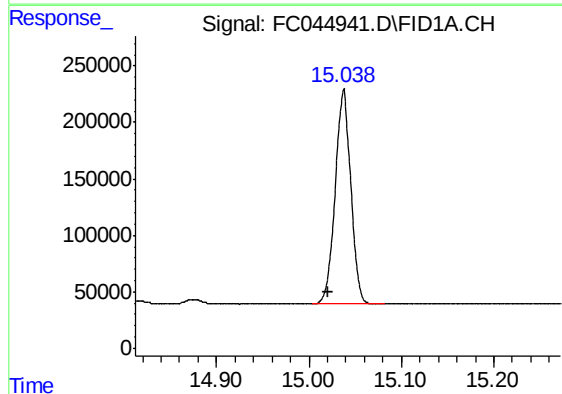
#12 1-chlorooctadecane (SURR)

R.T.: 13.186 min
Delta R.T.: 0.019 min
Response: 1937736
Conc: 21.88 ug/ml



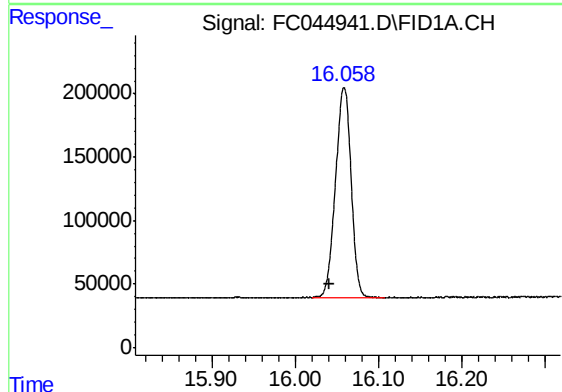
#13 n-Docosane (C22)

R.T.: 13.937 min
Delta R.T.: 0.018 min
Response: 2280102
Conc: 21.61 ug/ml



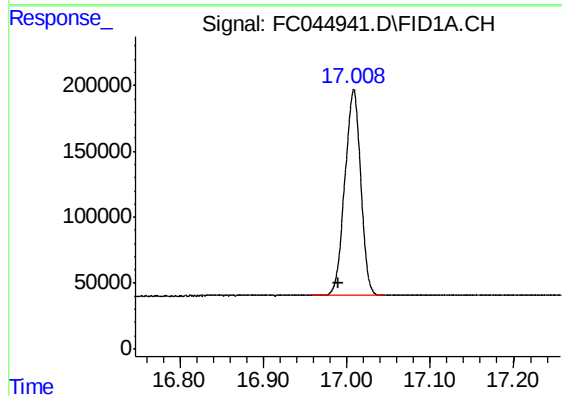
#14 n-Tetracosane (C24)

R.T.: 15.038 min
Delta R.T.: 0.017 min
Response: 2219922
Conc: 20.74 ug/ml



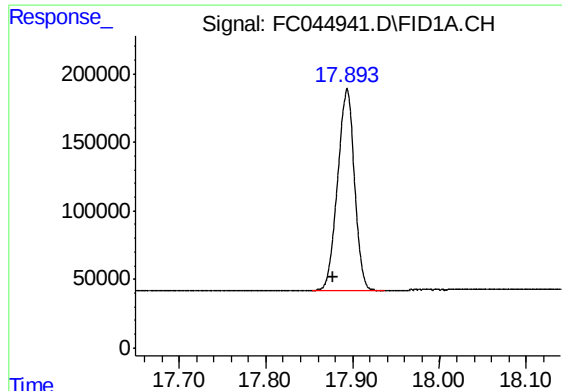
#15 n-Hexacosane (C26)

R.T.: 16.058 min
Delta R.T.: 0.018 min
Response: 2142277
Conc: 20.13 ug/ml



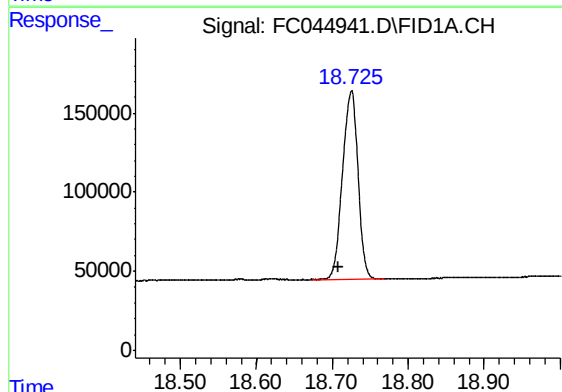
#16 n-Octacosane (C28)

R.T.: 17.008 min
Delta R.T.: 0.019 min
Response: 2072925
Conc: 19.75 ug/ml



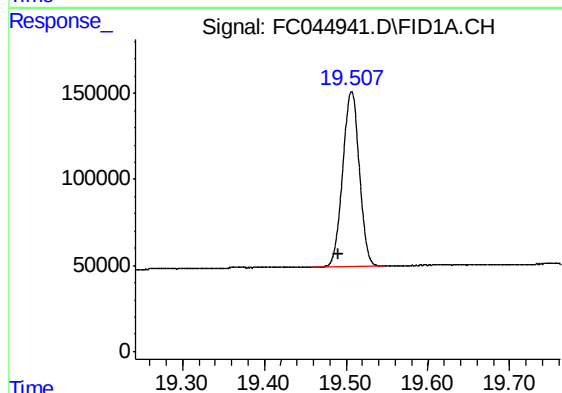
#17 n-Tricontane (C30)

R.T.: 17.894 min
Delta R.T.: 0.017 min
Response: 1976368
Conc: 19.74 ug/ml



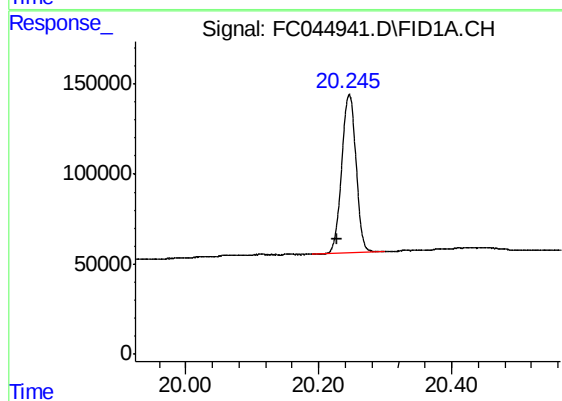
#18 n-Dotriacontane (C32)

R.T.: 18.725 min
Delta R.T.: 0.017 min
Response: 1680527
Conc: 20.18 ug/ml



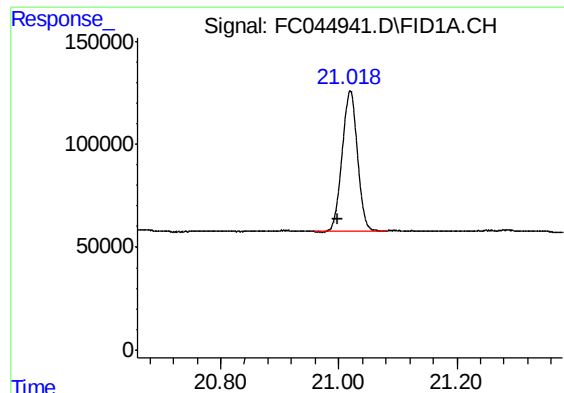
#19 n-Tetatriacontane (C34)

R.T.: 19.507 min
Delta R.T.: 0.016 min
Response: 1436403
Conc: 20.94 ug/ml



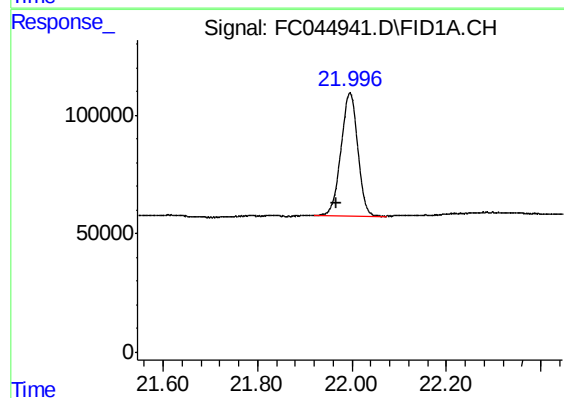
#20 n-Hexatriacontane (C36)

R.T.: 20.246 min
Delta R.T.: 0.018 min
Response: 1314062
Conc: 22.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.019 min
Delta R.T.: 0.021 min
Response: 1224727
Conc: 22.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: 0.029 min
Response: 1277281
Conc: 23.84 ug/ml