

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121319AL\
 Data File : FC044900.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2019 10:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 23:03:46 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)	11.759	2311984	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.182	1813270	20.476 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.504	2185577	21.498 ug/ml
2) T n-Decane (C10)	4.579	2201087	21.674 ug/ml
3) T A~Naphthalene (C11.7)	6.180	2453469	21.475 ug/ml
4) T n-Dodecane (C12)	6.599	2216477	21.786 ug/ml
5) T A~2-methylnaphthalene...	7.236	2459347	21.448 ug/ml
6) T n-Tetradecane (C14)	8.390	2223001	21.809 ug/ml
7) T n-Hexadecane (C16)	9.988	2221949	21.655 ug/ml
8) T n-Octadecane (C18)	11.428	2202764	21.274 ug/ml
10) T n-Eicosane (C20)	12.735	2157911	20.686 ug/ml
11) T n-Heneicosane (C21)	13.346	2140069	20.288 ug/ml
13) T n-Docosane (C22)	13.931	2115350	20.052 ug/ml
14) T n-Tetracosane (C24)	15.033	2054817	19.194 ug/ml
15) T n-Hexacosane (C26)	16.051	1984246	18.644 ug/ml
16) T n-Octacosane (C28)	17.000	1922803	18.320 ug/ml
17) T n-Tricontane (C30)	17.886	1839673	18.374 ug/ml
18) T n-Dotriacontane (C32)	18.718	1562804	18.770 ug/ml
19) T n-Tetratriacontane (C34)	19.501	1346084	19.620 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1234735	20.686 ug/ml
21) T n-Octatriacontane (C38)	21.010	1171986	21.801 ug/ml
22) T n-Tetracontane (C40)	21.980	1198580	22.371 ug/ml

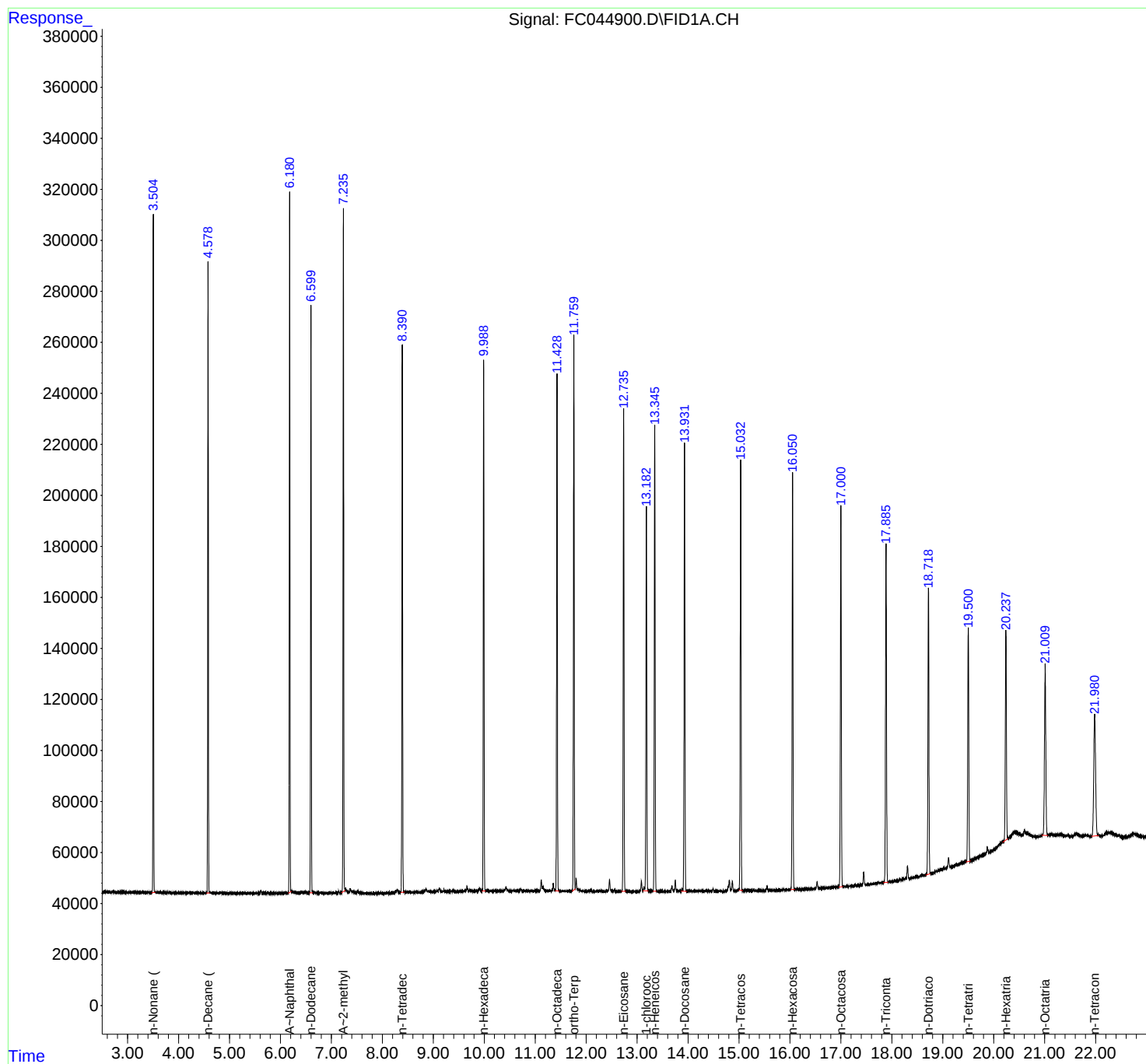
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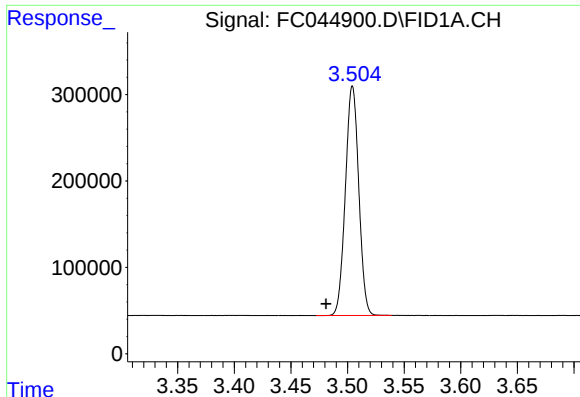
(m)=manual int.

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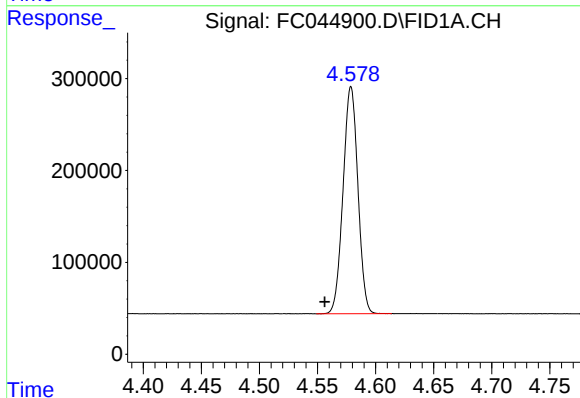
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Signal Info : 20M x 0.18mm x 0.18um





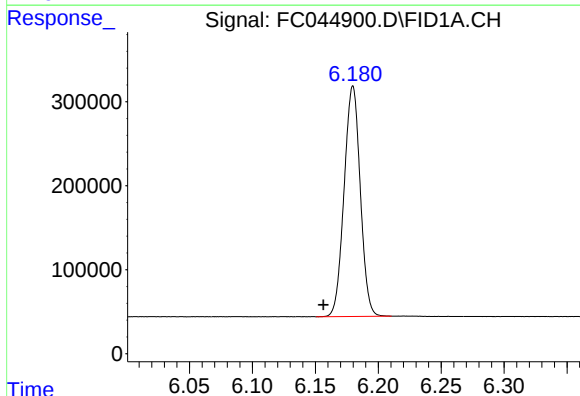
#1 n-Nonane (C9)

R.T.: 3.504 min
Delta R.T.: 0.023 min
Response: 2185577
Conc: 21.50 ug/ml



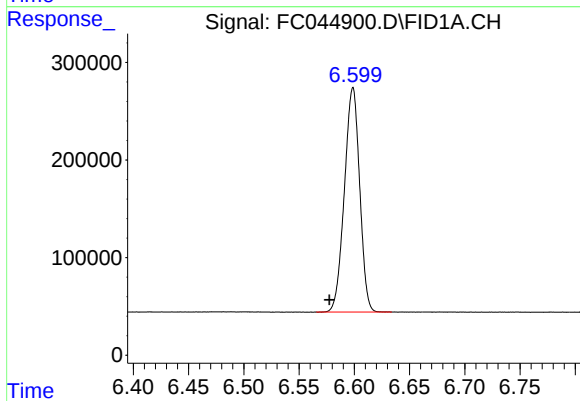
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.023 min
Response: 2201087
Conc: 21.67 ug/ml



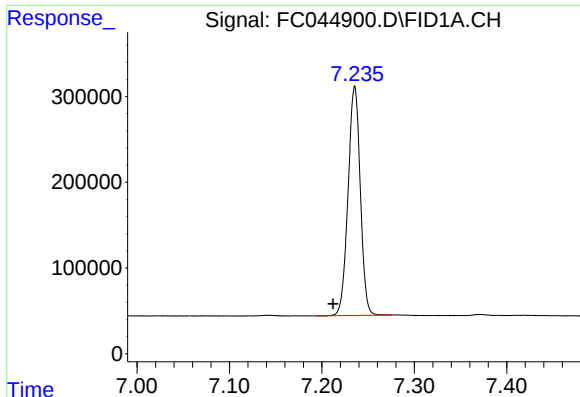
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.023 min
Response: 2453469
Conc: 21.47 ug/ml



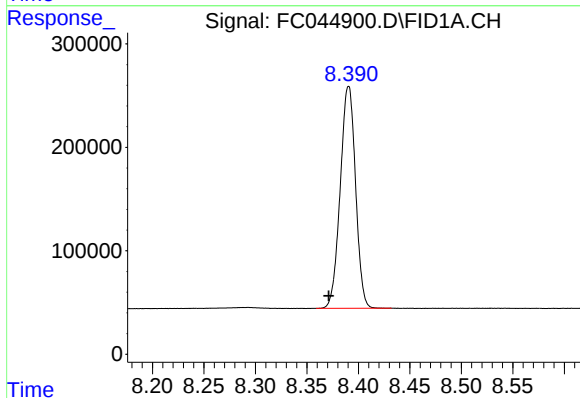
#4 n-Dodecane (C12)

R.T.: 6.599 min
Delta R.T.: 0.021 min
Response: 2216477
Conc: 21.79 ug/ml



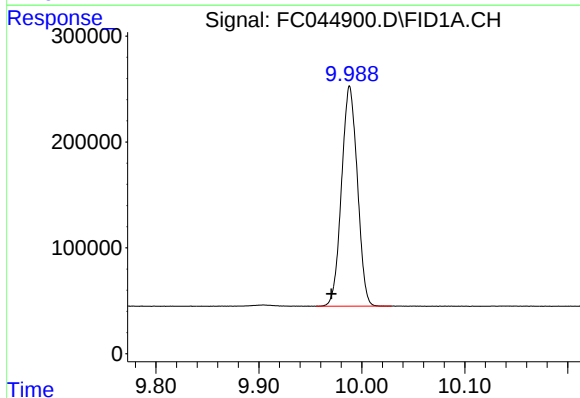
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.236 min
Delta R.T.: 0.023 min
Response: 2459347
Conc: 21.45 ug/ml



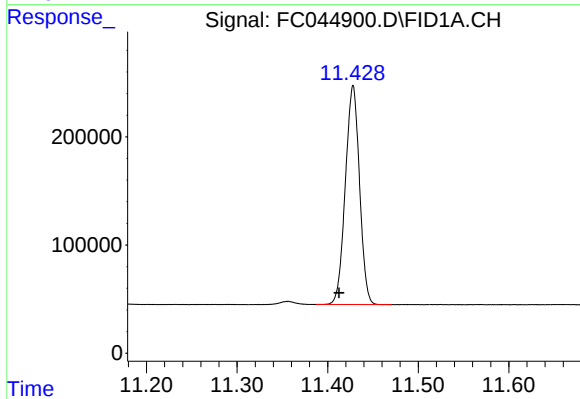
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: 0.019 min
Response: 2223001
Conc: 21.81 ug/ml



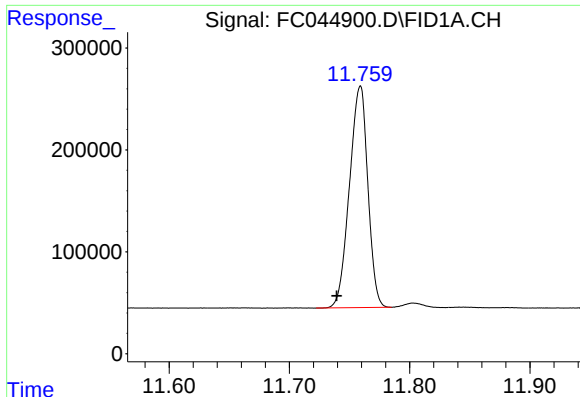
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.018 min
Response: 2221949
Conc: 21.65 ug/ml



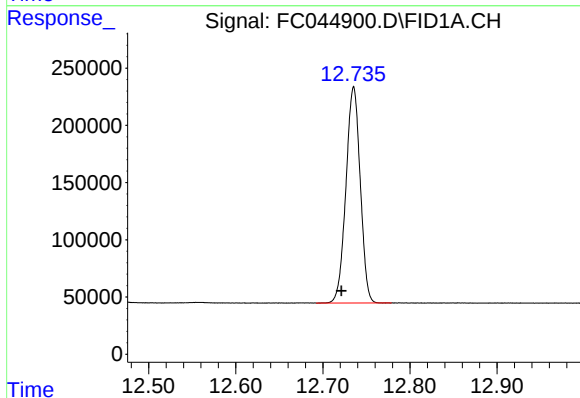
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: 0.016 min
Response: 2202764
Conc: 21.27 ug/ml



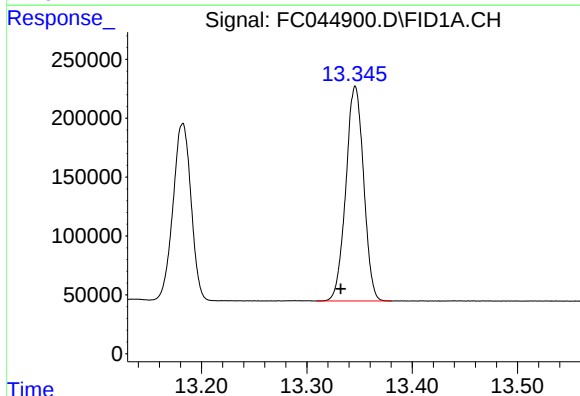
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: 0.020 min
Response: 2311984
Conc: 20.29 ug/ml



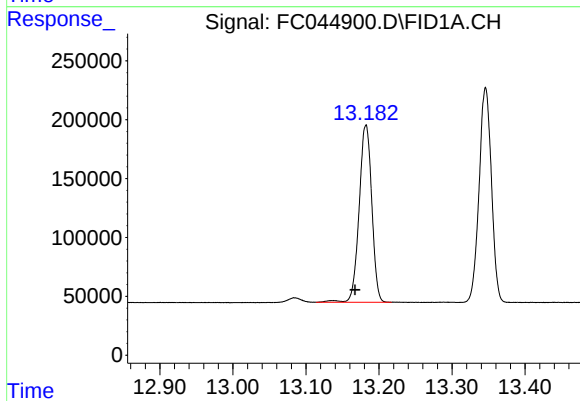
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.014 min
Response: 2157911
Conc: 20.69 ug/ml



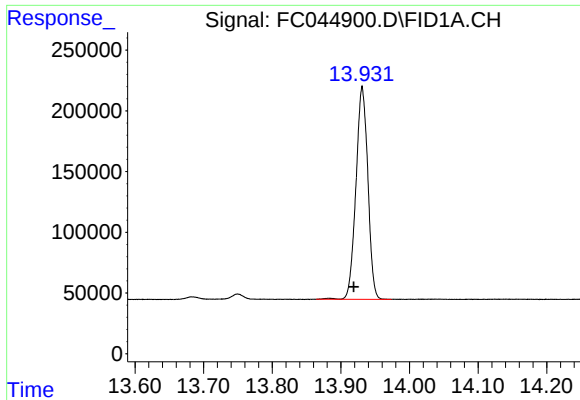
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: 0.014 min
Response: 2140069
Conc: 20.29 ug/ml



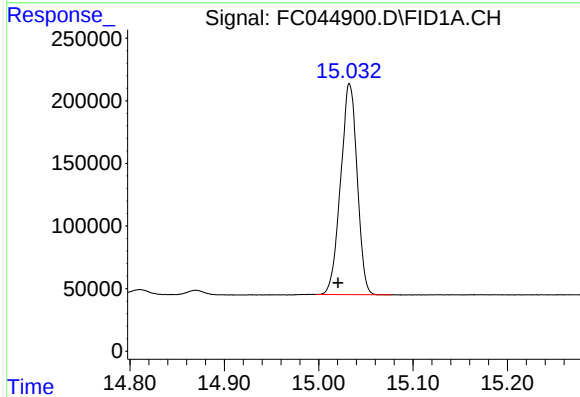
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: 0.015 min
Response: 1813270
Conc: 20.48 ug/ml



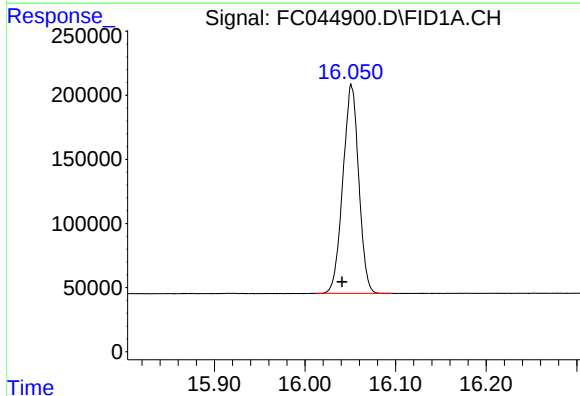
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: 0.012 min
Response: 2115350
Conc: 20.05 ug/ml



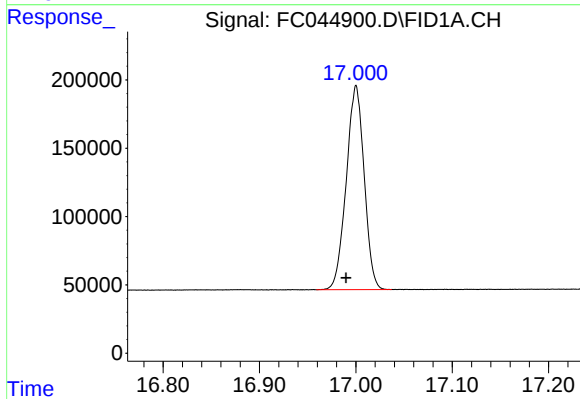
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: 0.012 min
Response: 2054817
Conc: 19.19 ug/ml



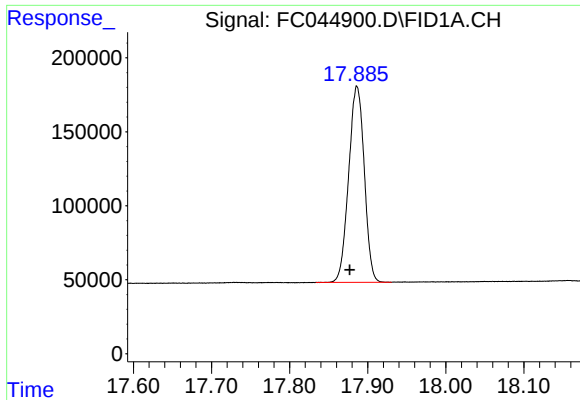
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: 0.011 min
Response: 1984246
Conc: 18.64 ug/ml



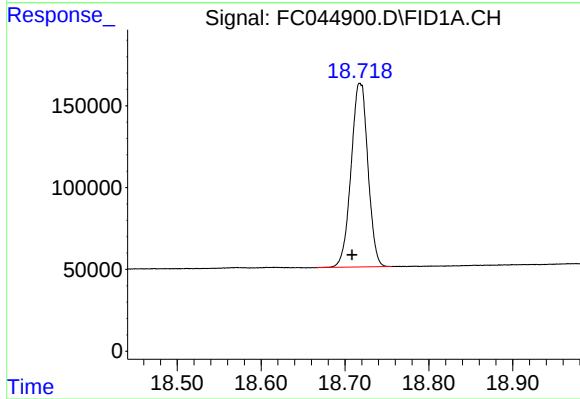
#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: 0.010 min
Response: 1922803
Conc: 18.32 ug/ml



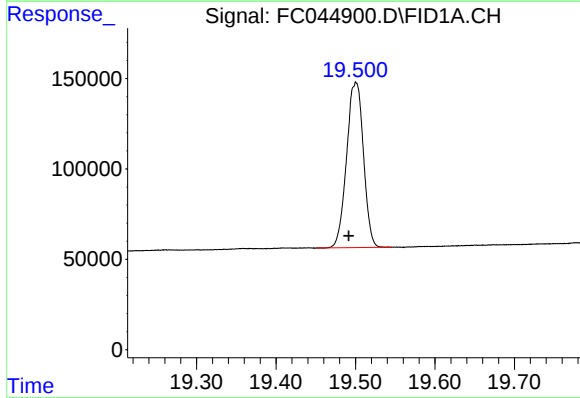
#17 n-Tricontane (C30)

R.T.: 17.886 min
Delta R.T.: 0.009 min
Response: 1839673
Conc: 18.37 ug/ml



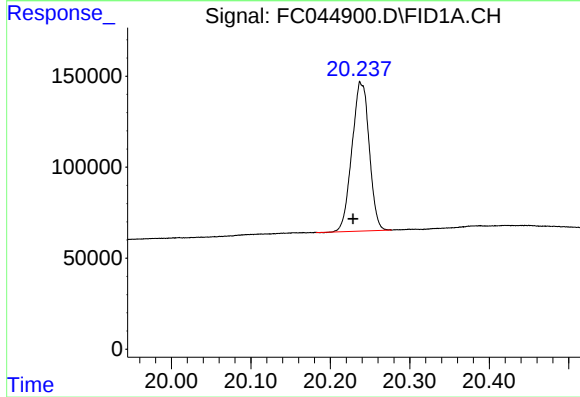
#18 n-Dotriacontane (C32)

R.T.: 18.718 min
Delta R.T.: 0.010 min
Response: 1562804
Conc: 18.77 ug/ml



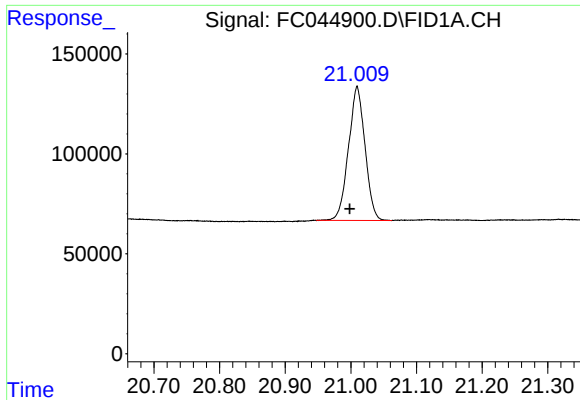
#19 n-Tetratriacontane (C34)

R.T.: 19.501 min
Delta R.T.: 0.009 min
Response: 1346084
Conc: 19.62 ug/ml



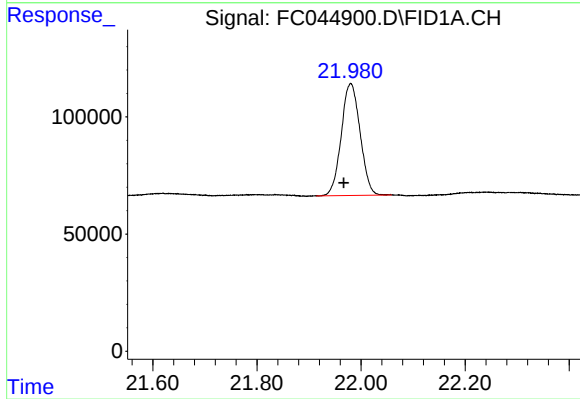
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min
Delta R.T.: 0.010 min
Response: 1234735
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: 0.011 min
Response: 1171986
Conc: 21.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.980 min
Delta R.T.: 0.014 min
Response: 1198580
Conc: 22.37 ug/ml