

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103119AL\
 Data File : FC044309.D
 Signal(s) : FID1A.CH
 Acq On : 01 Nov 2019 3:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 01 03:48:49 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)	11.719	2555515	17.532 ug/ml
Spiked Amount 50.000		Recovery =	35.06%
12) S 1-chlorooctadecane (S...	13.151	1916379	17.139 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
Target Compounds			
1) T n-Nonane (C9)	3.449	2393726	21.730 ug/ml
2) T n-Decane (C10)	4.524	2454540	22.099 ug/ml
3) T A~Naphthalene (C11.7)	6.124	2720680	21.867 ug/ml
4) T n-Dodecane (C12)	6.549	2482629	22.075 ug/ml
5) T A~2-methylnaphthalene...	7.183	2737678	21.710 ug/ml
6) T n-Tetradecane (C14)	8.347	2454190	21.692 ug/ml
7) T n-Hexadecane (C16)	9.949	2426008	21.232 ug/ml
8) T n-Octadecane (C18)	11.393	2369436	20.695 ug/ml
10) T n-Eicosane (C20)	12.703	2289711	20.077 ug/ml
11) T n-Heneicosane (C21)	13.317	2262226	19.723 ug/ml
13) T n-Docosane (C22)	13.904	2208248	19.446 ug/ml
14) T n-Tetracosane (C24)	15.009	2143068	18.951 ug/ml
15) T n-Hexacosane (C26)	16.032	2080797	18.807 ug/ml
16) T n-Octacosane (C28)	16.983	2056038	18.980 ug/ml
17) T n-Tricontane (C30)	17.873	2099038	19.833 ug/ml
18) T n-Dotriacontane (C32)	18.707	2060586	20.460 ug/ml
19) T n-Tetratriacontane (C34)	19.494	2002514	21.357 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1925417	22.180 ug/ml
21) T n-Octatriacontane (C38)	21.009	1888870	23.424 ug/ml
22) T n-Tetracontane (C40)	21.983	1931975	22.856 ug/ml

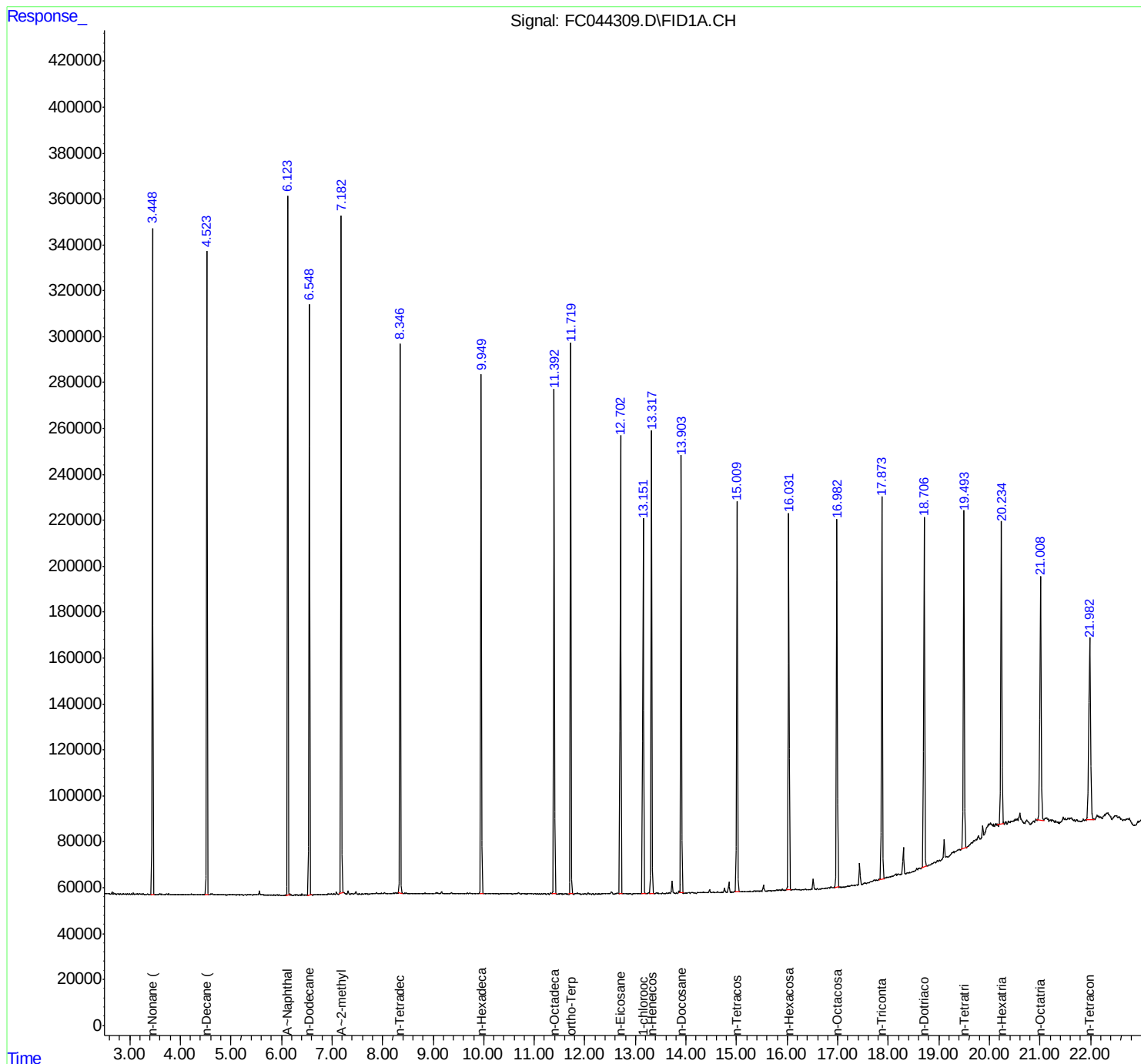
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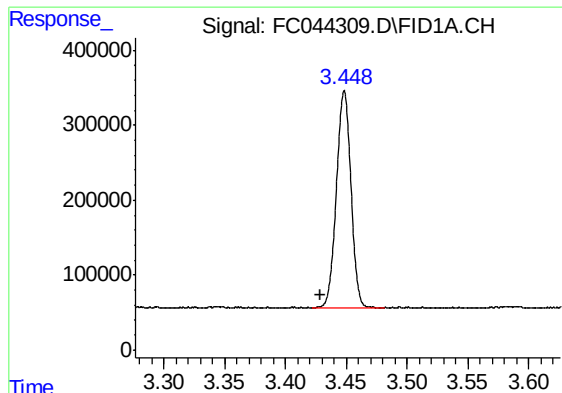
(m)=manual int.

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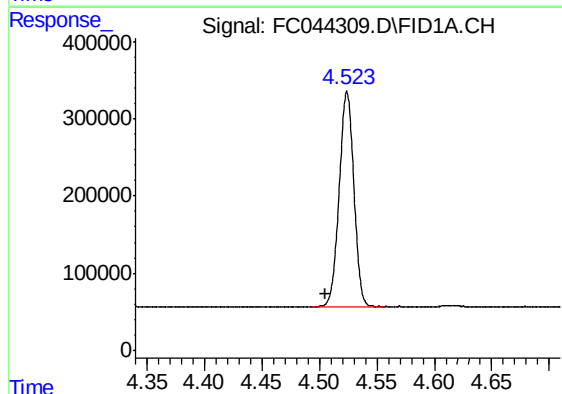
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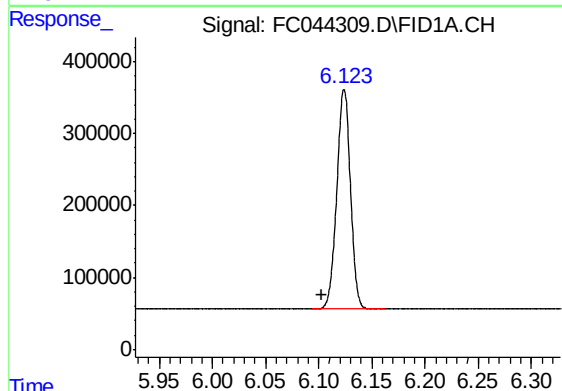
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: 0.020 min
Response: 2393726
Conc: 21.73 ug/ml



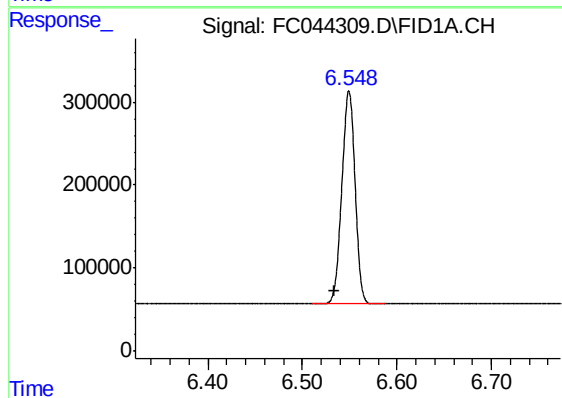
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.018 min
Response: 2454540
Conc: 22.10 ug/ml



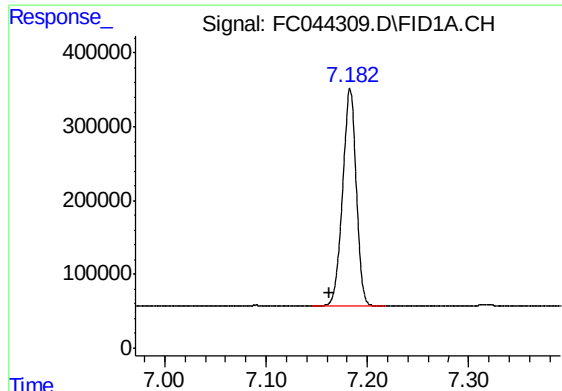
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.022 min
Response: 2720680
Conc: 21.87 ug/ml



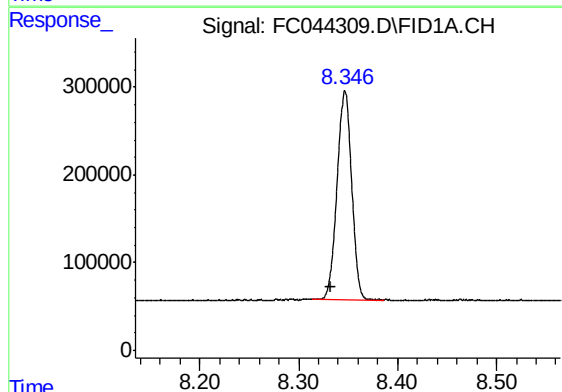
#4 n-Dodecane (C12)

R.T.: 6.549 min
Delta R.T.: 0.016 min
Response: 2482629
Conc: 22.07 ug/ml



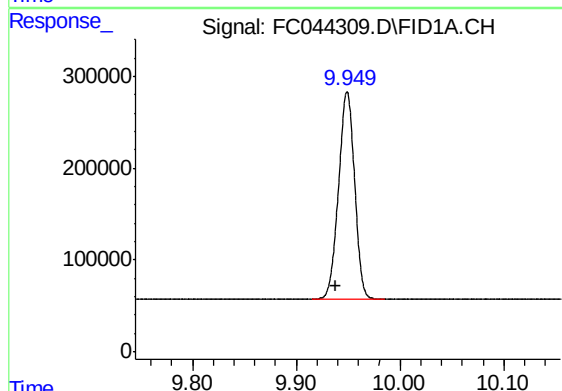
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min
Delta R.T.: 0.020 min
Response: 2737678
Conc: 21.71 ug/ml



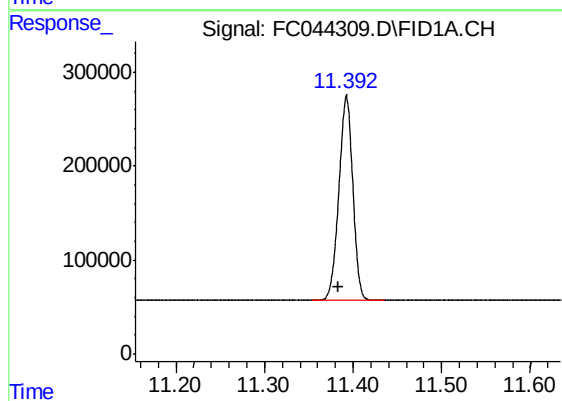
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: 0.014 min
Response: 2454190
Conc: 21.69 ug/ml



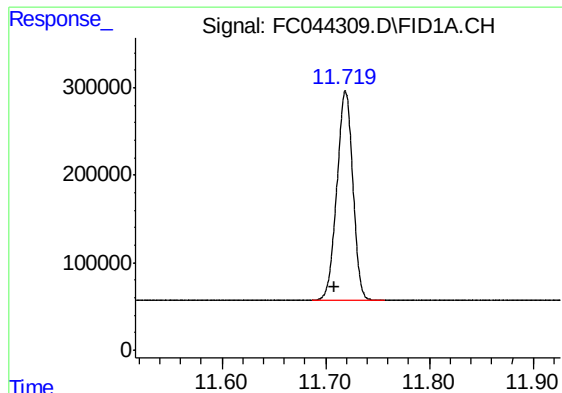
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.011 min
Response: 2426008
Conc: 21.23 ug/ml



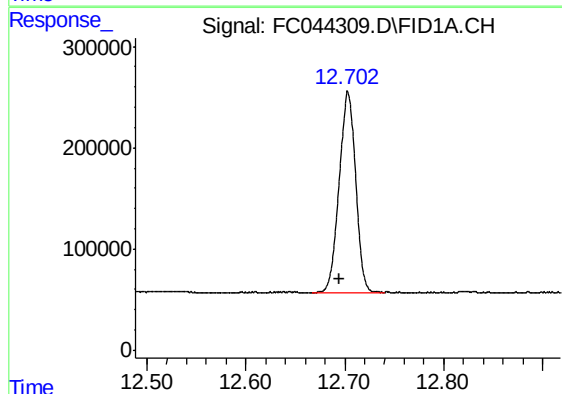
#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: 0.010 min
Response: 2369436
Conc: 20.69 ug/ml



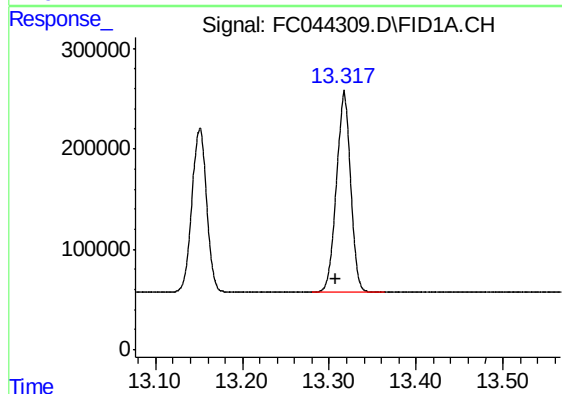
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.011 min
Response: 2555515
Conc: 17.53 ug/ml



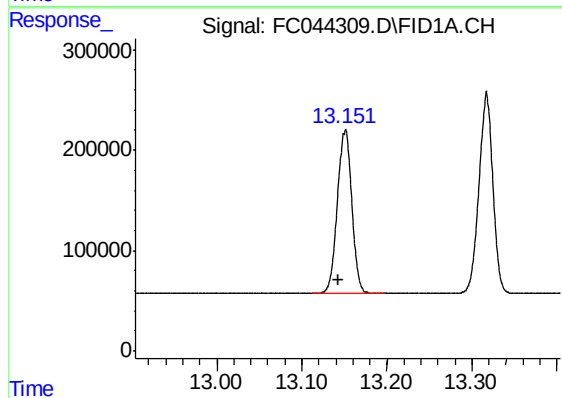
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.009 min
Response: 2289711
Conc: 20.08 ug/ml



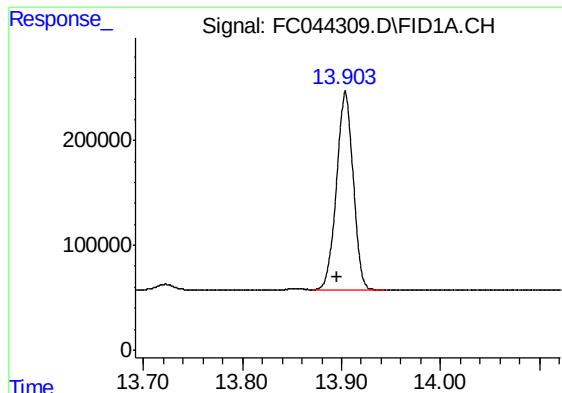
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.009 min
Response: 2262226
Conc: 19.72 ug/ml



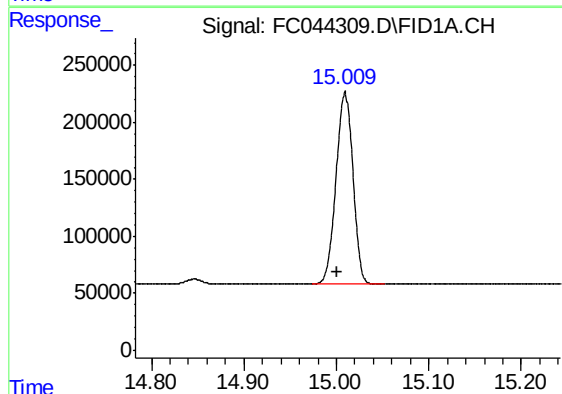
#12 1-chlorooctadecane (SURR)

R.T.: 13.151 min
Delta R.T.: 0.009 min
Response: 1916379
Conc: 17.14 ug/ml



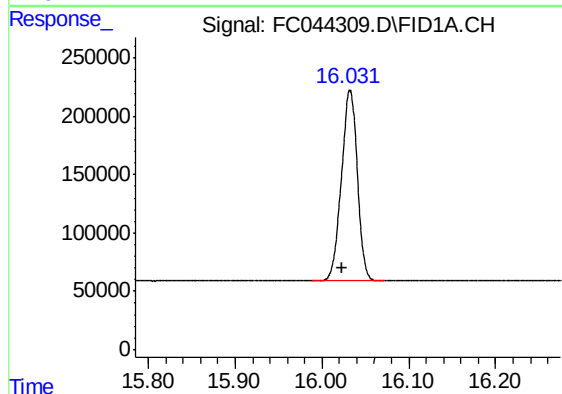
#13 n-Docosane (C22)

R.T.: 13.904 min
Delta R.T.: 0.009 min
Response: 2208248
Conc: 19.45 ug/ml



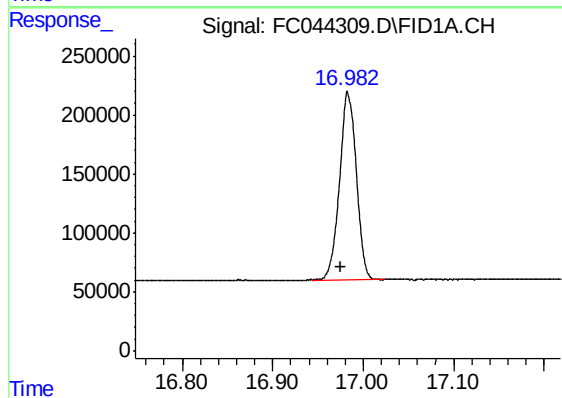
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.008 min
Response: 2143068
Conc: 18.95 ug/ml



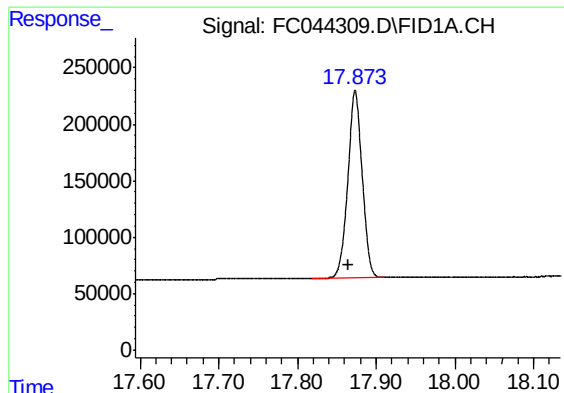
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.009 min
Response: 2080797
Conc: 18.81 ug/ml



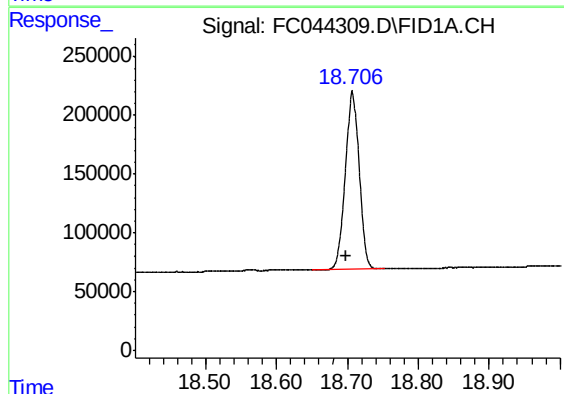
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.008 min
Response: 2056038
Conc: 18.98 ug/ml



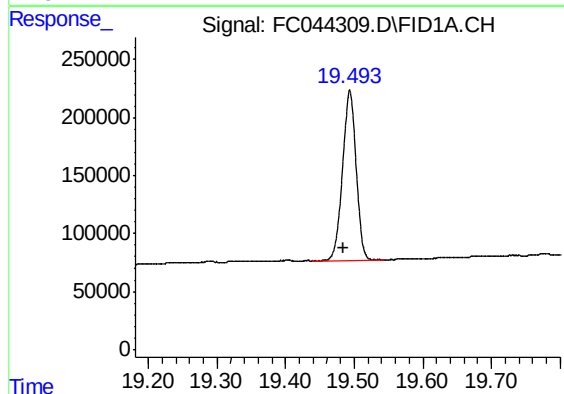
#17 n-Tricontane (C30)

R.T.: 17.873 min
Delta R.T.: 0.009 min
Response: 2099038
Conc: 19.83 ug/ml



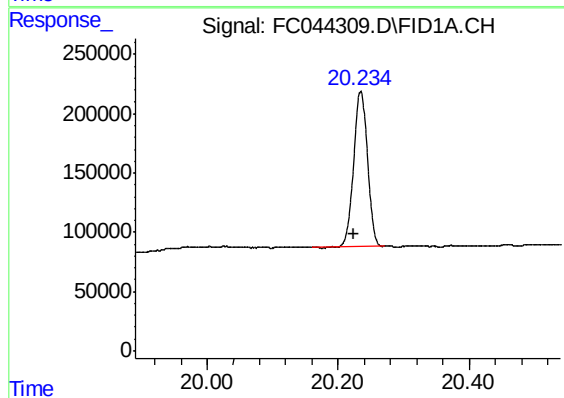
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.009 min
Response: 2060586
Conc: 20.46 ug/ml



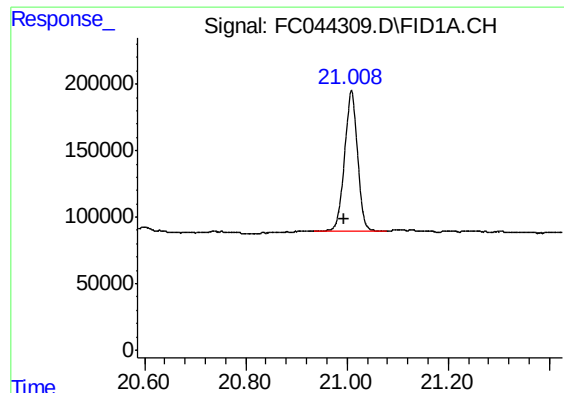
#19 n-Tetatriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.010 min
Response: 2002514
Conc: 21.36 ug/ml



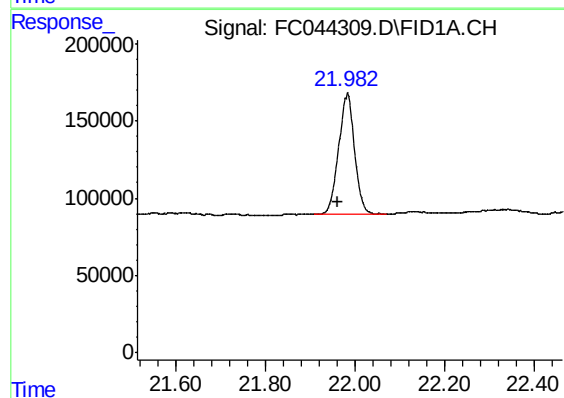
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: 0.011 min
Response: 1925417
Conc: 22.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.015 min
Response: 1888870
Conc: 23.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.021 min
Response: 1931975
Conc: 22.86 ug/ml