

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090419AL\
 Data File : FC043321.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2019 19:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 05 02:04:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.612	2826629	19.742 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	13.034	2134768	19.540 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T n-Nonane (C9)	3.448	2602896	21.854 ug/ml
2) T n-Decane (C10)	4.503	2636593	22.173 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2716415	22.269 ug/ml
4) T n-Dodecane (C12)	6.498	2707137	22.128 ug/ml
5) T A~2-methylnaphthalene...	7.128	2728375	22.227 ug/ml
6) T n-Tetradecane (C14)	8.275	2684406	21.716 ug/ml
7) T n-Hexadecane (C16)	9.861	2667604	21.396 ug/ml
8) T n-Octadecane (C18)	11.292	2629475	20.672 ug/ml
10) T n-Eicosane (C20)	12.592	2565865	19.986 ug/ml
11) T n-Heneicosane (C21)	13.199	2548850	19.681 ug/ml
13) T n-Docosane (C22)	13.781	2492701	19.404 ug/ml
14) T n-Tetracosane (C24)	14.877	2427630	18.949 ug/ml
15) T n-Hexacosane (C26)	15.891	2348149	18.644 ug/ml
16) T n-Octacosane (C28)	16.835	2286163	18.619 ug/ml
17) T n-Tricontane (C30)	17.719	2259760	18.736 ug/ml
18) T n-Dotriacontane (C32)	18.547	2190393	19.203 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2136933	19.861 ug/ml
20) T n-Hexatriacontane (C36)	20.063	2164714	20.560 ug/ml
21) T n-Octatriacontane (C38)	20.791	2010034	21.484 ug/ml
22) T n-Tetracontane (C40)	21.687	2041463	21.129 ug/ml

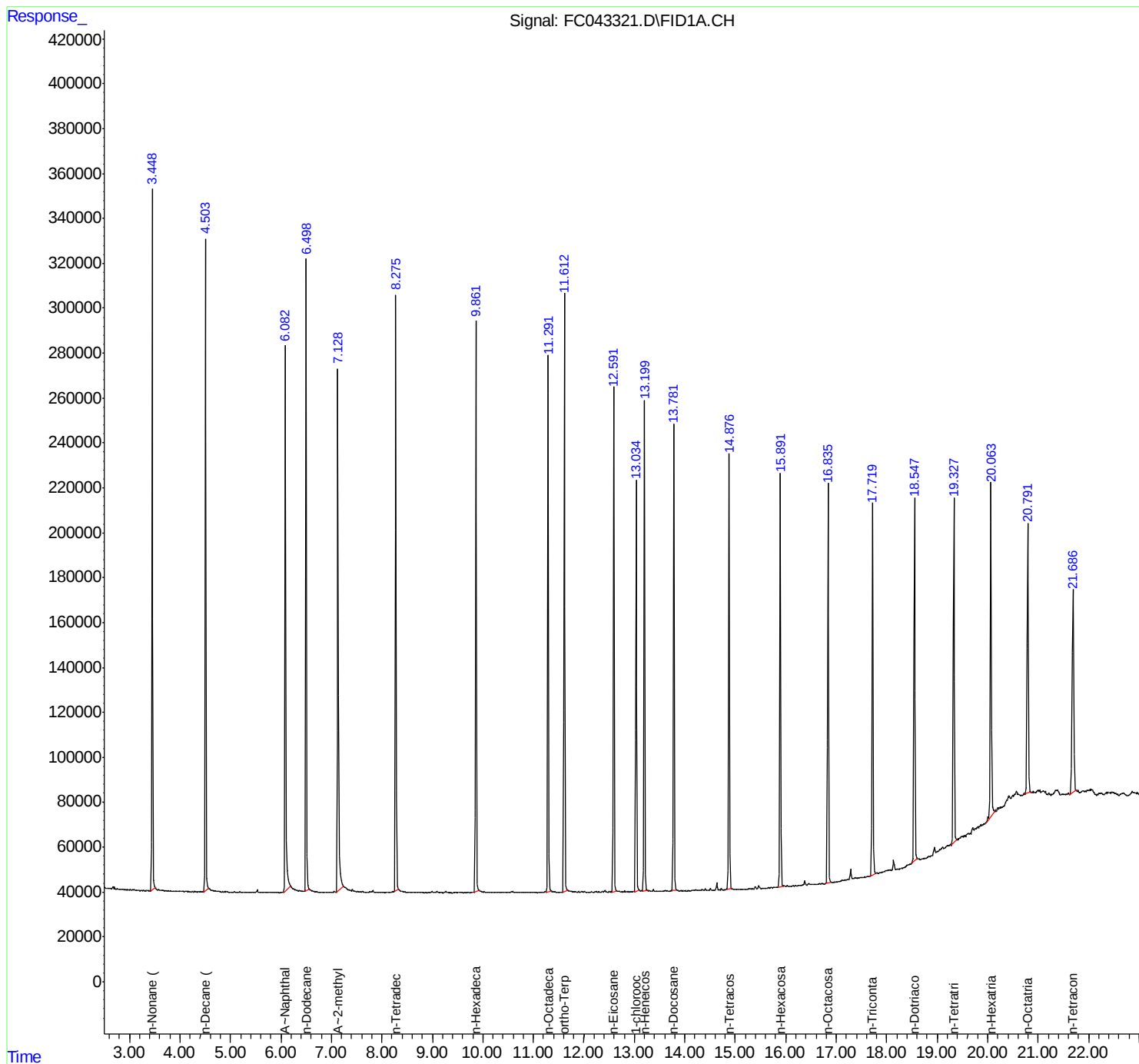
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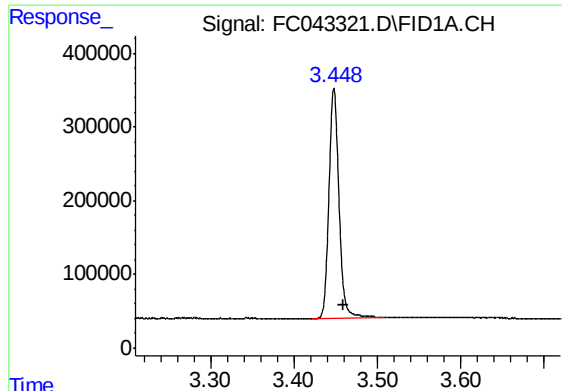
(m)=manual int.

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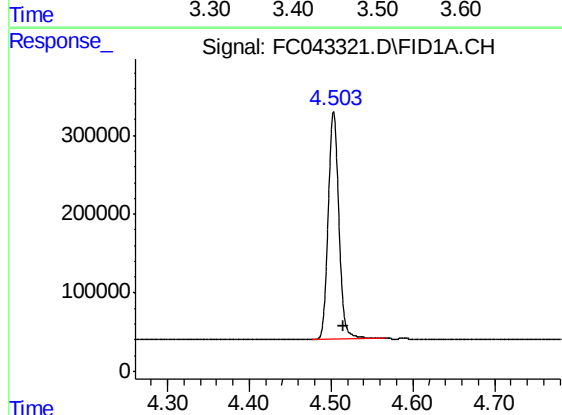
Volume Inj. : 1 ul
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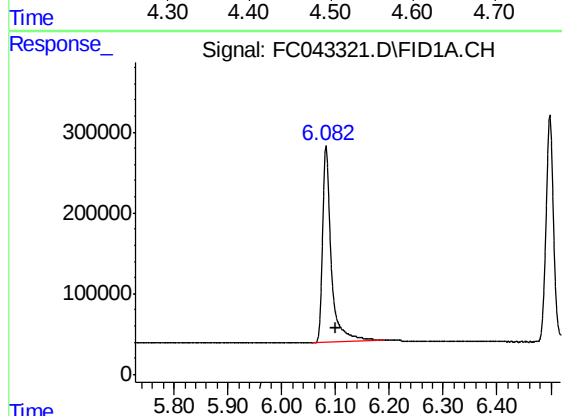
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: -0.011 min
Response: 2602896
Conc: 21.85 ug/ml



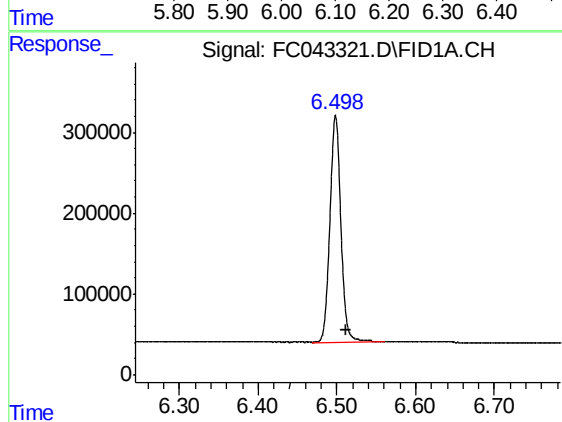
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.012 min
Response: 2636593
Conc: 22.17 ug/ml



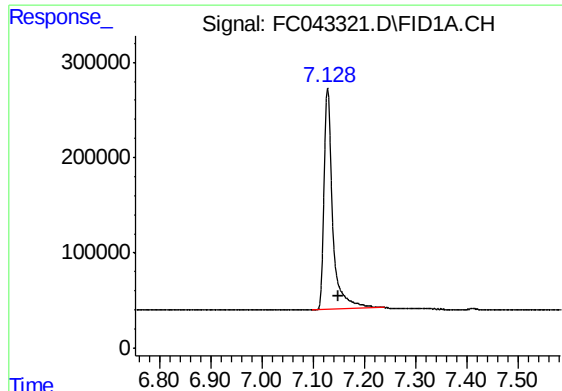
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.019 min
Response: 2716415
Conc: 22.27 ug/ml



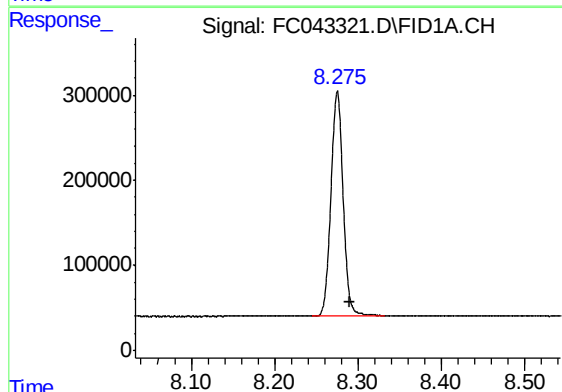
#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: -0.013 min
Response: 2707137
Conc: 22.13 ug/ml



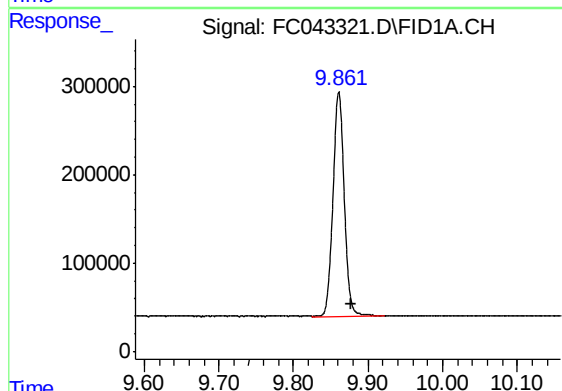
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.020 min
Response: 2728375
Conc: 22.23 ug/ml



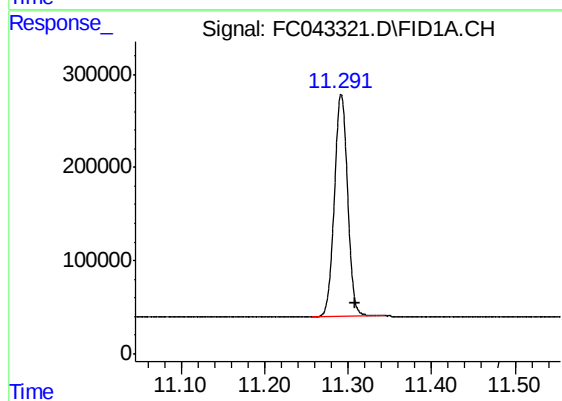
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: -0.014 min
Response: 2684406
Conc: 21.72 ug/ml



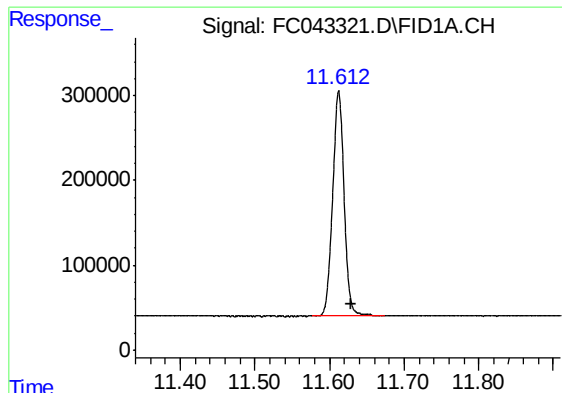
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: -0.016 min
Response: 2667604
Conc: 21.40 ug/ml



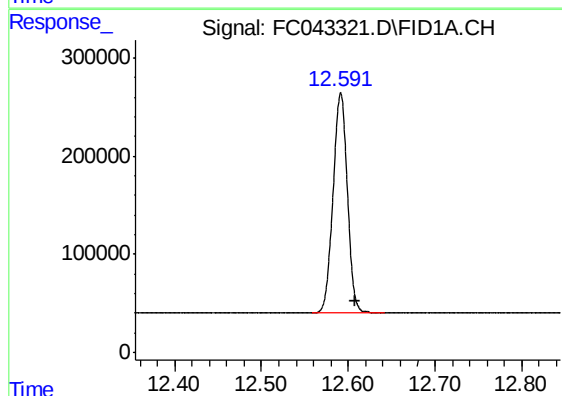
#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.016 min
Response: 2629475
Conc: 20.67 ug/ml



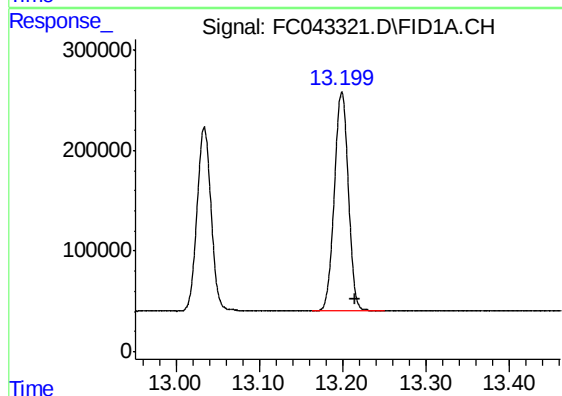
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.017 min
Response: 2826629
Conc: 19.74 ug/ml



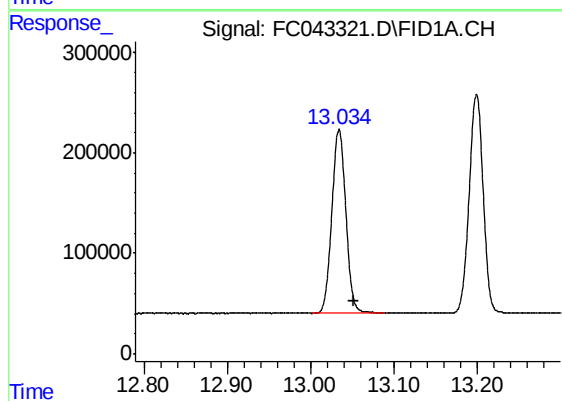
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: -0.016 min
Response: 2565865
Conc: 19.99 ug/ml



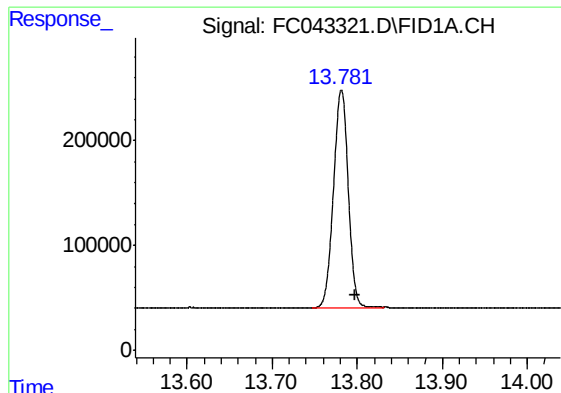
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.016 min
Response: 2548850
Conc: 19.68 ug/ml



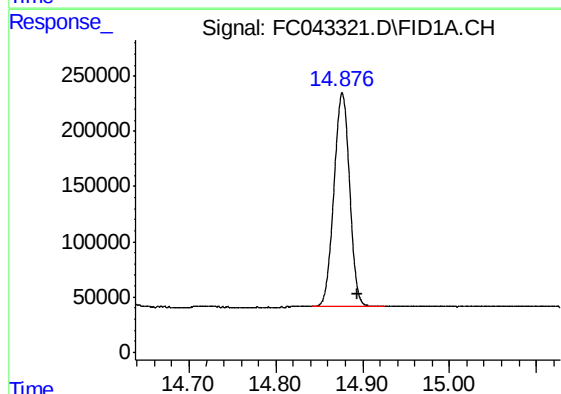
#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: -0.017 min
Response: 2134768
Conc: 19.54 ug/ml



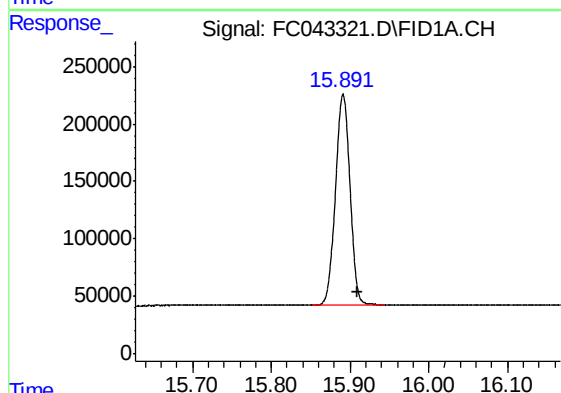
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: -0.016 min
Response: 2492701
Conc: 19.40 ug/ml



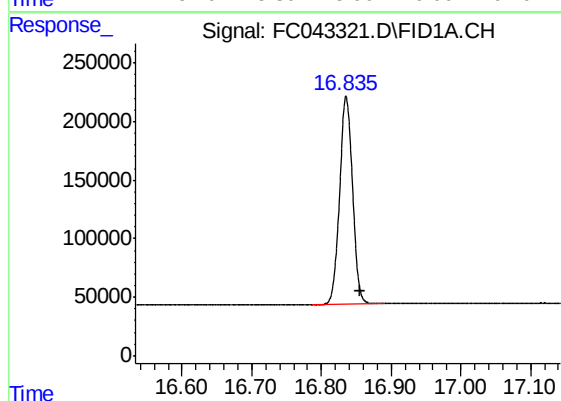
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.018 min
Response: 2427630
Conc: 18.95 ug/ml



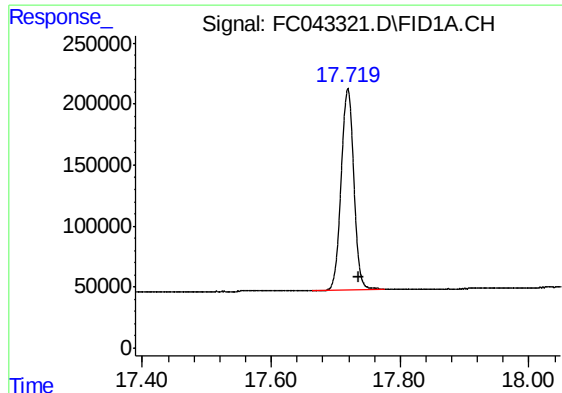
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.018 min
Response: 2348149
Conc: 18.64 ug/ml



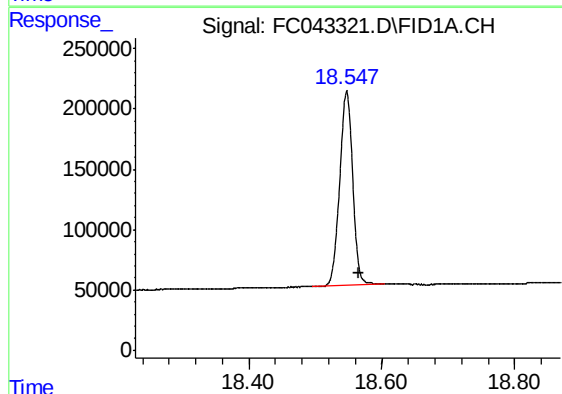
#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: -0.019 min
Response: 2286163
Conc: 18.62 ug/ml



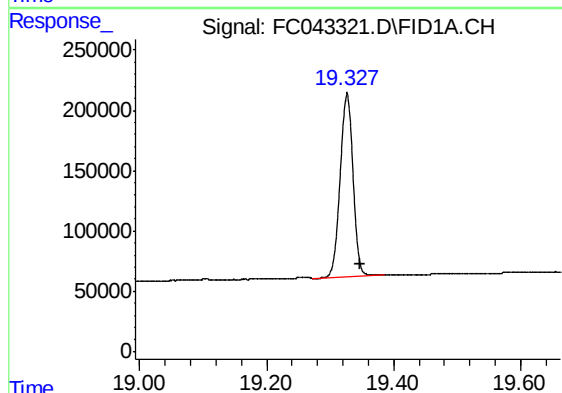
#17 n-Tricontane (C30)

R.T.: 17.719 min
Delta R.T.: -0.017 min
Response: 2259760
Conc: 18.74 ug/ml



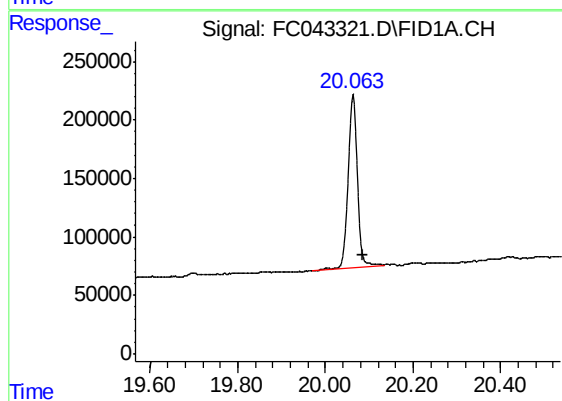
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.018 min
Response: 2190393
Conc: 19.20 ug/ml



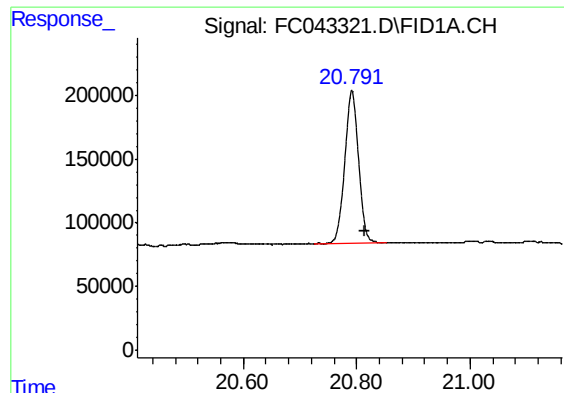
#19 n-Tetatriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.020 min
Response: 2136933
Conc: 19.86 ug/ml



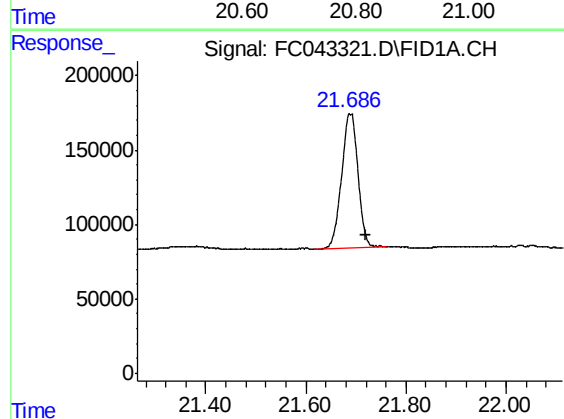
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.021 min
Response: 2164714
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.023 min
Response: 2010034
Conc: 21.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.687 min
Delta R.T.: -0.032 min
Response: 2041463
Conc: 21.13 ug/ml