

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043891.D
 Signal(s) : FID1A.CH
 Acq On : 10 Oct 2019 23:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 01:46:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.570	2957056	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	12.991	2249229	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T n-Nonane (C9)	3.423	2757512	22.807 ug/ml
2) T n-Decane (C10)	4.476	2784945	23.009 ug/ml
3) T A~Naphthalene (C11.7)	6.055	2665325	22.638 ug/ml
4) T n-Dodecane (C12)	6.466	2905048	22.968 ug/ml
5) T A~2-methylnaphthalene...	7.099	2696639	22.378 ug/ml
6) T n-Tetradecane (C14)	8.240	2905201	22.570 ug/ml
7) T n-Hexadecane (C16)	9.823	2881149	21.881 ug/ml
8) T n-Octadecane (C18)	11.251	2837794	20.806 ug/ml
10) T n-Eicosane (C20)	12.547	2746192	19.675 ug/ml
11) T n-Heneicosane (C21)	13.154	2718589	19.130 ug/ml
13) T n-Docosane (C22)	13.736	2645492	18.619 ug/ml
14) T n-Tetracosane (C24)	14.830	2550423	17.766 ug/ml
15) T n-Hexacosane (C26)	15.844	2463323	17.226 ug/ml
16) T n-Octacosane (C28)	16.788	2411278	17.010 ug/ml
17) T n-Tricontane (C30)	17.669	2417420	17.237 ug/ml
18) T n-Dotriacontane (C32)	18.497	2377575	17.899 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2334476	18.684 ug/ml
20) T n-Hexatriacontane (C36)	20.014	910216	7.875 ug/ml
21) T n-Octatriacontane (C38)	20.734	2171308	20.401 ug/ml
22) T n-Tetracontane (C40)	21.612	2234363	21.370 ug/ml

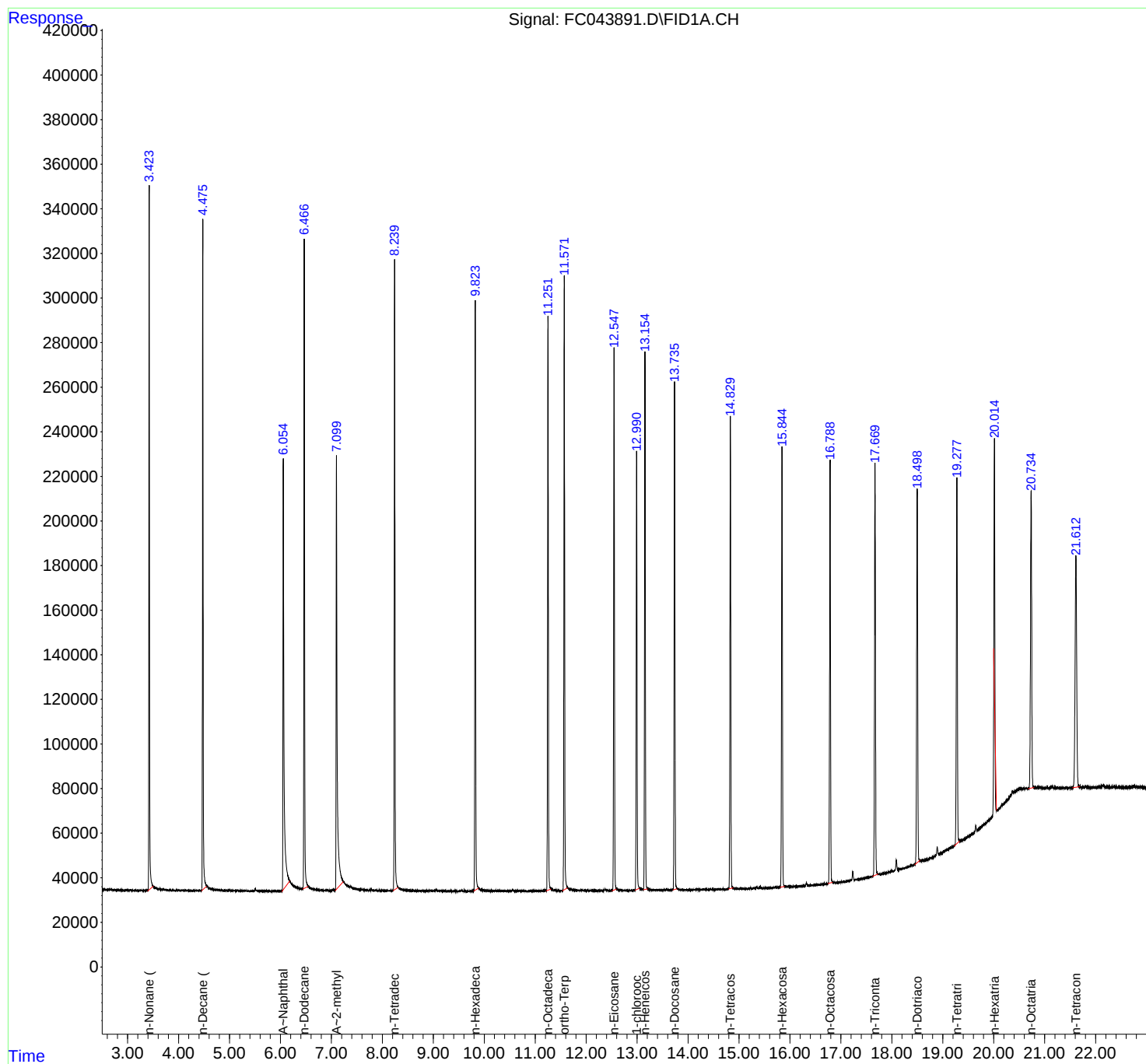
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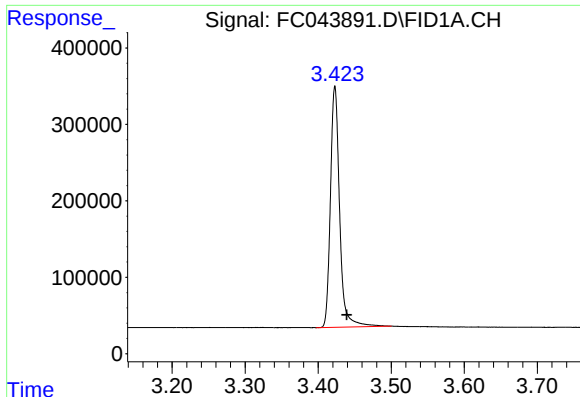
(m)=manual int.

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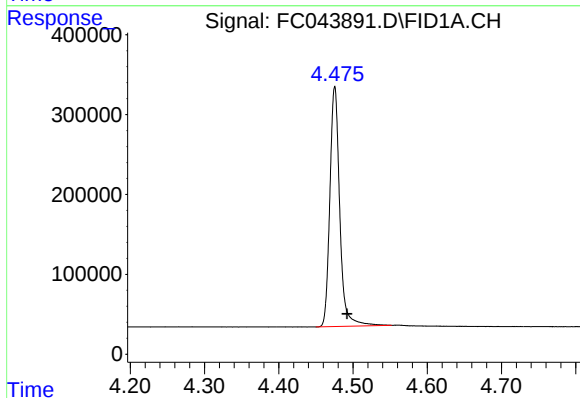
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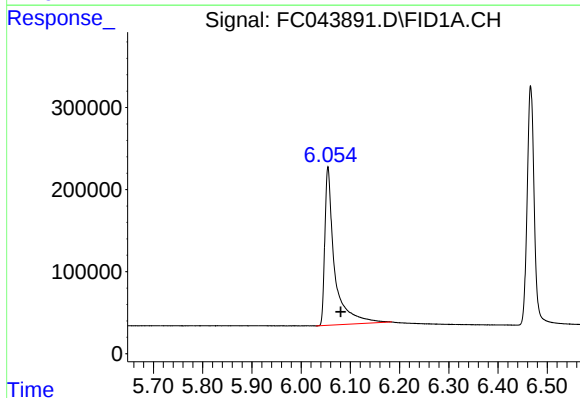
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: -0.016 min
Response: 2757512
Conc: 22.81 ug/ml



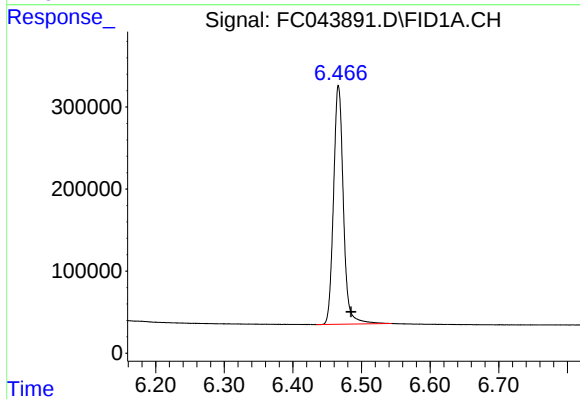
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.016 min
Response: 2784945
Conc: 23.01 ug/ml



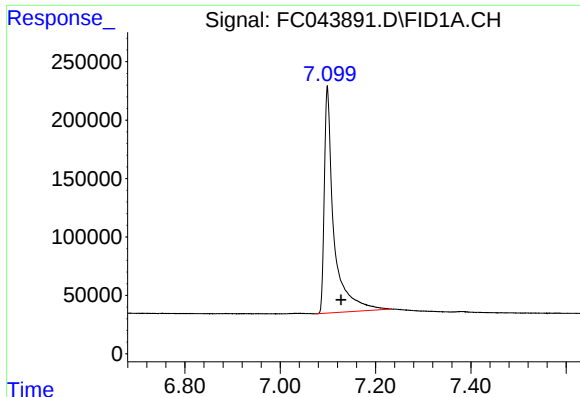
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: -0.026 min
Response: 2665325
Conc: 22.64 ug/ml



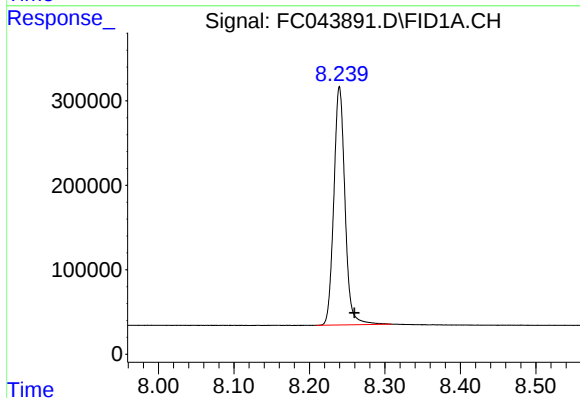
#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.018 min
Response: 2905048
Conc: 22.97 ug/ml



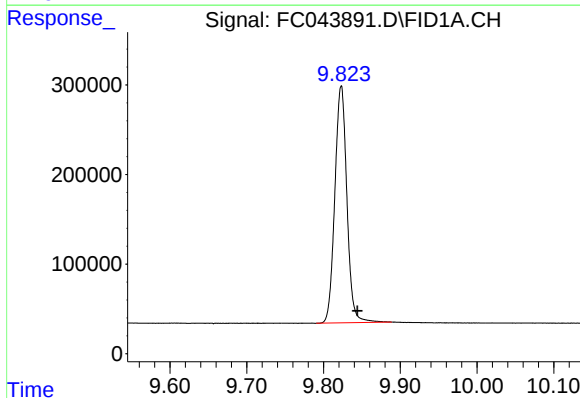
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.028 min
Response: 2696639
Conc: 22.38 ug/ml



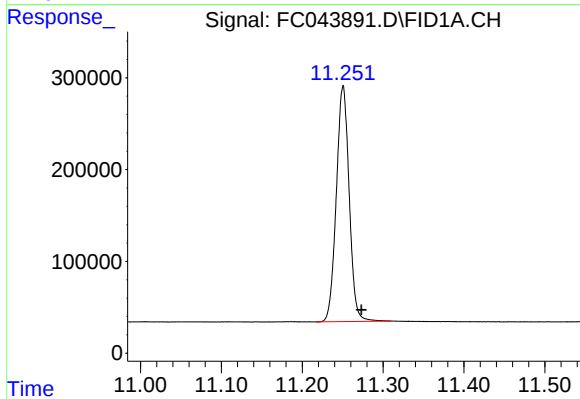
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.020 min
Response: 2905201
Conc: 22.57 ug/ml



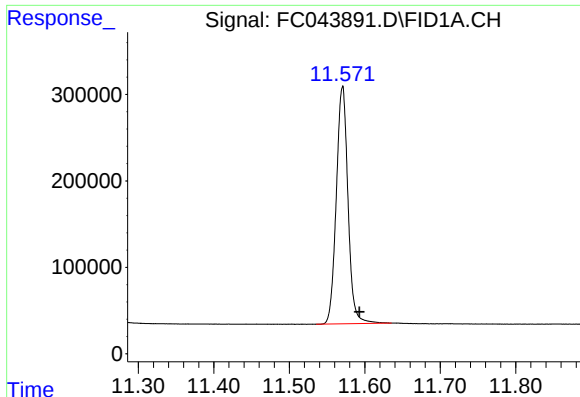
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.021 min
Response: 2881149
Conc: 21.88 ug/ml



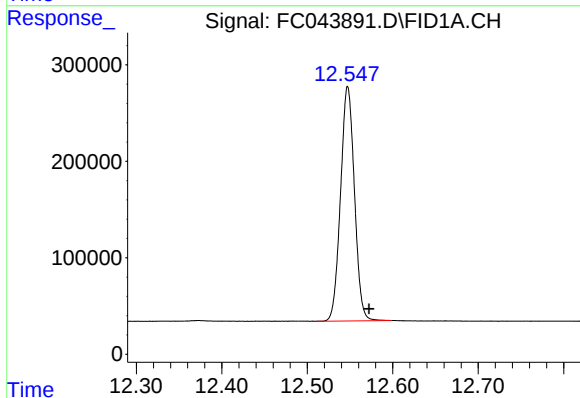
#8 n-Octadecane (C18)

R.T.: 11.251 min
Delta R.T.: -0.023 min
Response: 2837794
Conc: 20.81 ug/ml



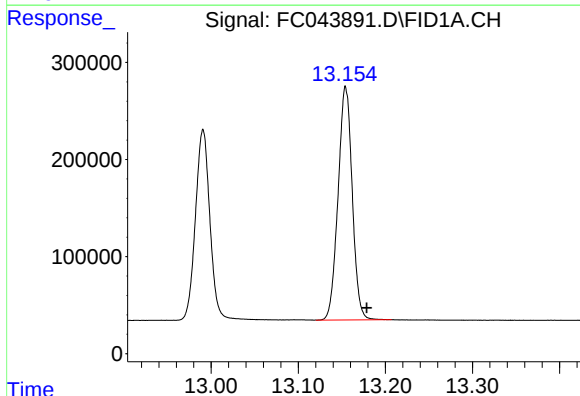
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: -0.022 min
Response: 2957056
Conc: 19.48 ug/ml



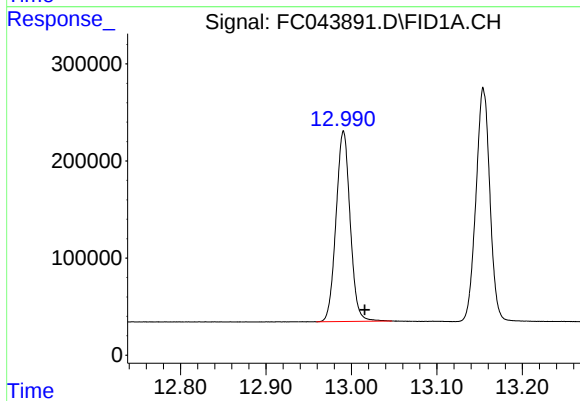
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.025 min
Response: 2746192
Conc: 19.68 ug/ml



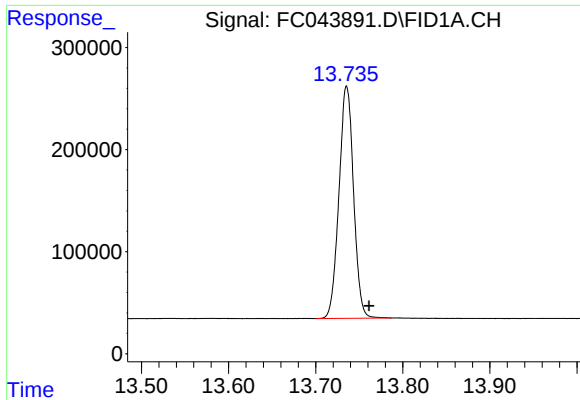
#11 n-Heneicosane (C21)

R.T.: 13.154 min
Delta R.T.: -0.024 min
Response: 2718589
Conc: 19.13 ug/ml



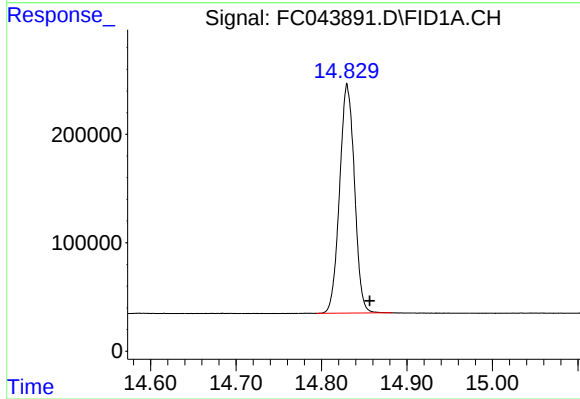
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.025 min
Response: 2249229
Conc: 18.97 ug/ml



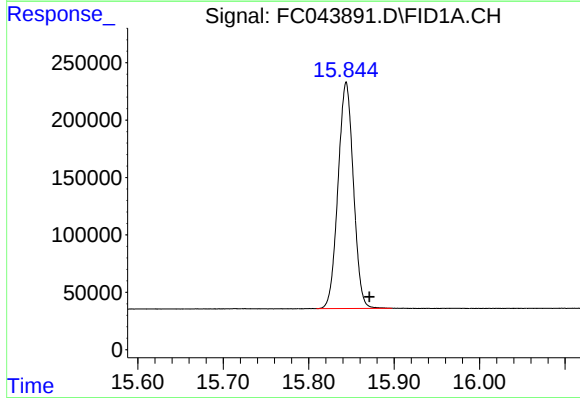
#13 n-Docosane (C22)

R.T.: 13.736 min
Delta R.T.: -0.026 min
Response: 2645492
Conc: 18.62 ug/ml



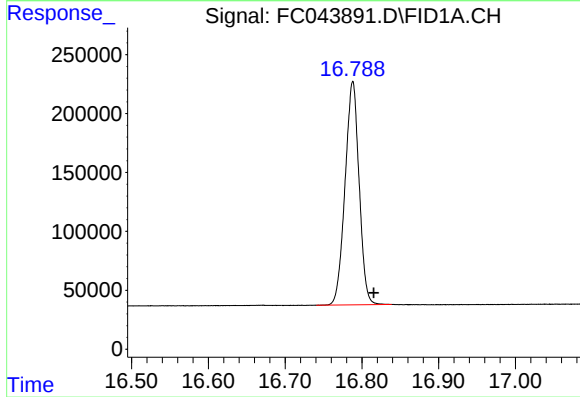
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.027 min
Response: 2550423
Conc: 17.77 ug/ml



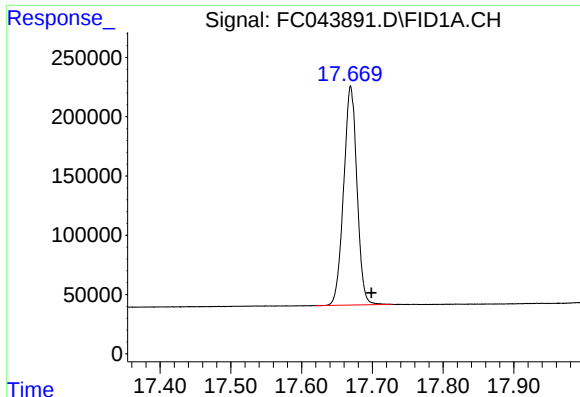
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: -0.027 min
Response: 2463323
Conc: 17.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.788 min
Delta R.T.: -0.028 min
Response: 2411278
Conc: 17.01 ug/ml



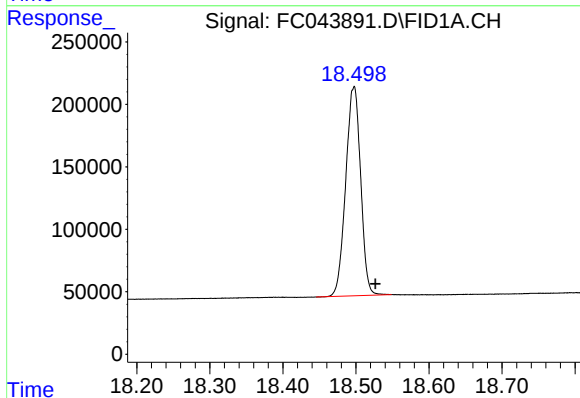
#17 n-Tricontane (C30)

R.T.: 17.669 min

Delta R.T.: -0.029 min

Response: 2417420

Conc: 17.24 ug/ml



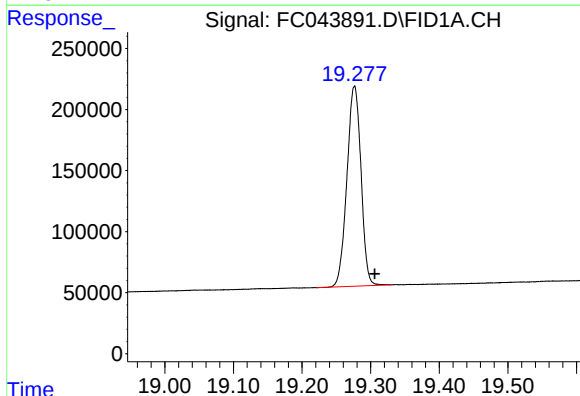
#18 n-Dotriacontane (C32)

R.T.: 18.497 min

Delta R.T.: -0.030 min

Response: 2377575

Conc: 17.90 ug/ml



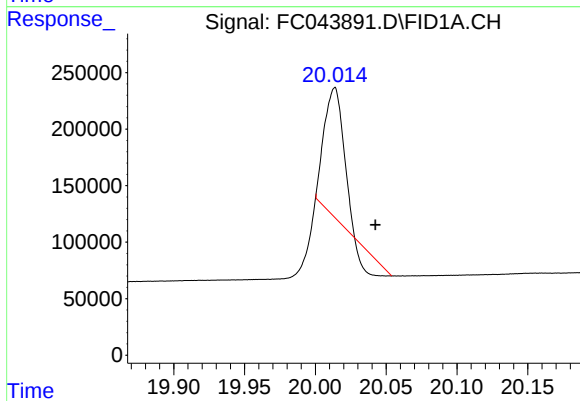
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min

Delta R.T.: -0.029 min

Response: 2334476

Conc: 18.68 ug/ml



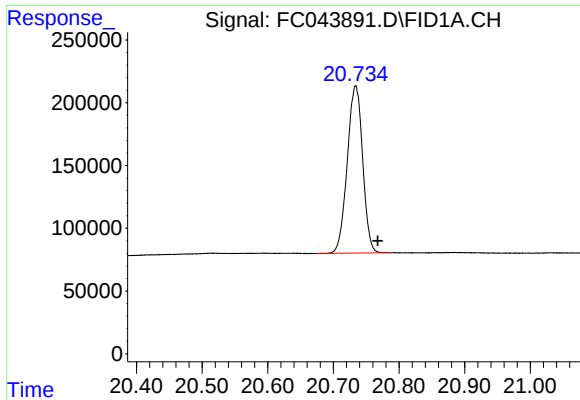
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min

Delta R.T.: -0.029 min

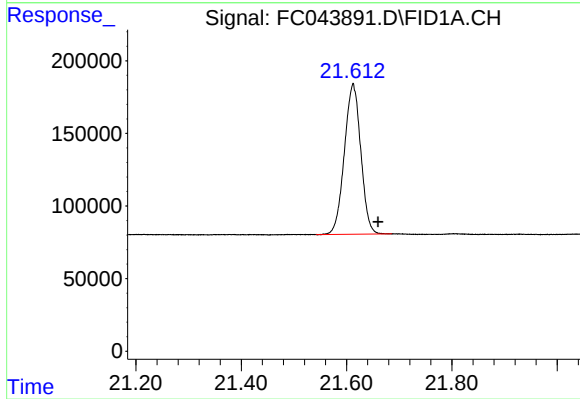
Response: 910216

Conc: 7.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.034 min
Response: 2171308
Conc: 20.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.048 min
Response: 2234363
Conc: 21.37 ug/ml