

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012822AL\
 Data File : FD040835.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2022 1:43
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 02:26:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.608	2864242	18.576 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
12) S 1-chlorooctadecane (S...	12.046	2170475	18.440 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	2.563	2645417	20.606 ug/ml
2) T n-Decane (C10)	3.547	2679892	20.812 ug/ml
3) T A~Naphthalene (C11.7)	5.077	2941494	20.704 ug/ml
4) T n-Dodecane (C12)	5.514	2690446	21.050 ug/ml
5) T A~2-methylnaphthalene...	6.117	2929439	20.765 ug/ml
6) T n-Tetradecane (C14)	7.290	2731859	21.089 ug/ml
7) T n-Hexadecane (C16)	8.877	2701794	20.738 ug/ml
8) T n-Octadecane (C18)	10.308	2696268	19.898 ug/ml
10) T n-Eicosane (C20)	11.608	2580429	18.971 ug/ml
11) T n-Heneicosane (C21)	12.217	2550243	18.417 ug/ml
13) T n-Docosane (C22)	12.799	2530431	18.351 ug/ml
14) T n-Tetracosane (C24)	13.895	2520578	18.027 ug/ml
15) T n-Hexacosane (C26)	14.911	2487514	18.046 ug/ml
16) T n-Octacosane (C28)	15.854	2569864	18.940 ug/ml
17) T n-Tricontane (C30)	16.738	2654513	20.366 ug/ml
18) T n-Dotriacontane (C32)	17.566	2627465	21.979 ug/ml
19) T n-Tetratriacontane (C34)	18.346	2353767	22.355 ug/ml
20) T n-Hexatriacontane (C36)	19.082	2177942	21.493 ug/mlm
21) T n-Octatriacontane (C38)	19.779	2142103	23.976 ug/mlm
22) T n-Tetracontane (C40)	20.576	2125834	24.869 ug/mlm

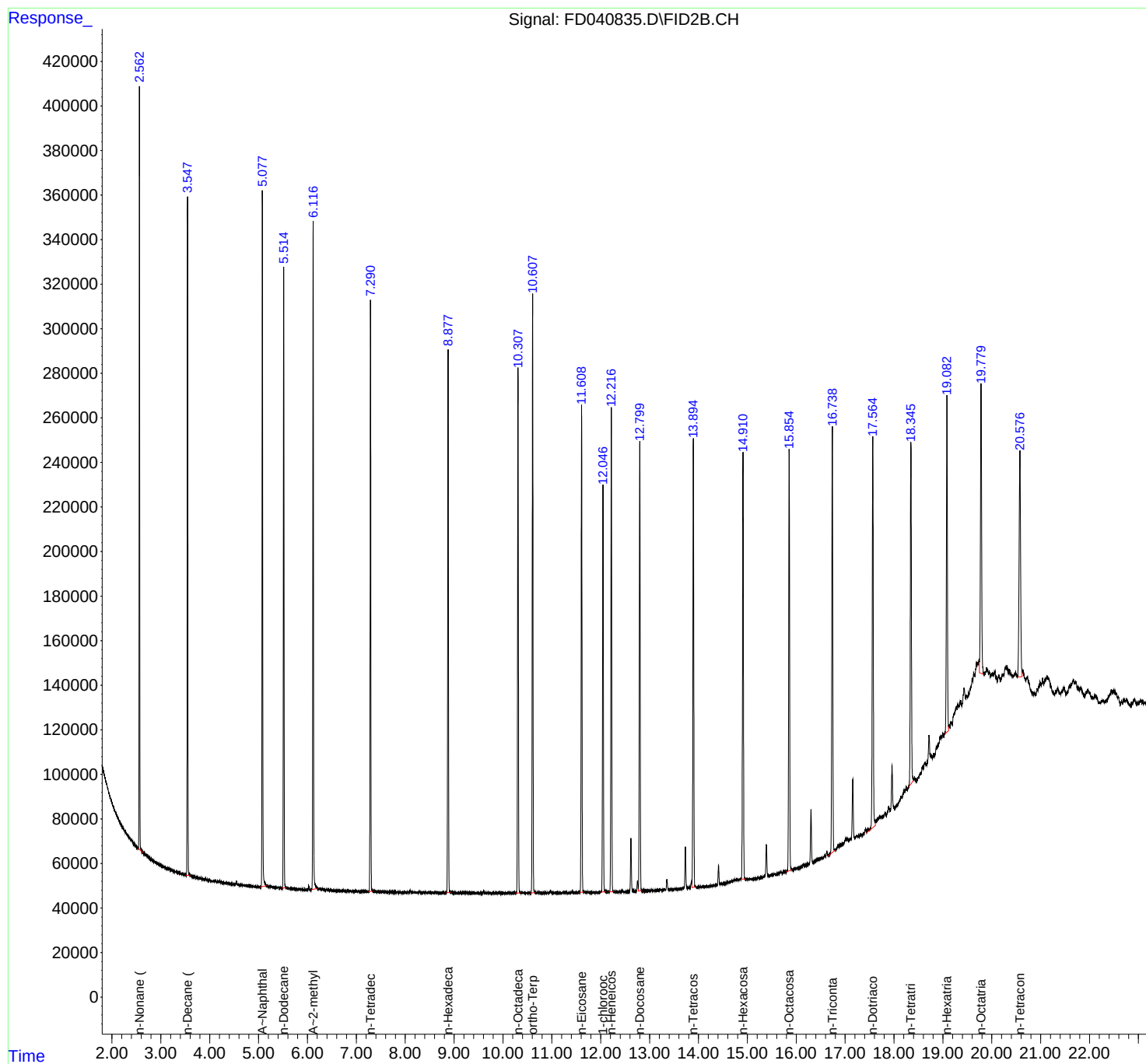
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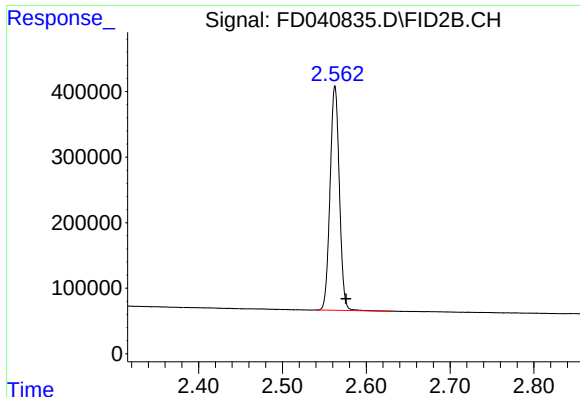
(m)=manual int.

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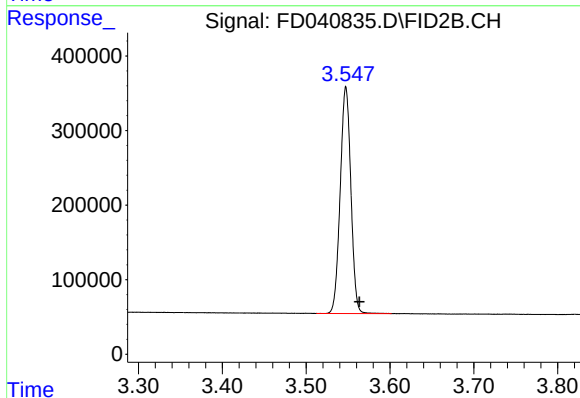
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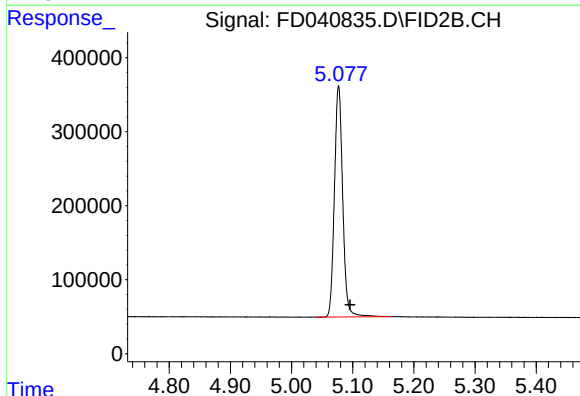
#1 n-Nonane (C9)

R.T.: 2.563 min
Delta R.T.: -0.013 min
Response: 2645417
Conc: 20.61 ug/ml



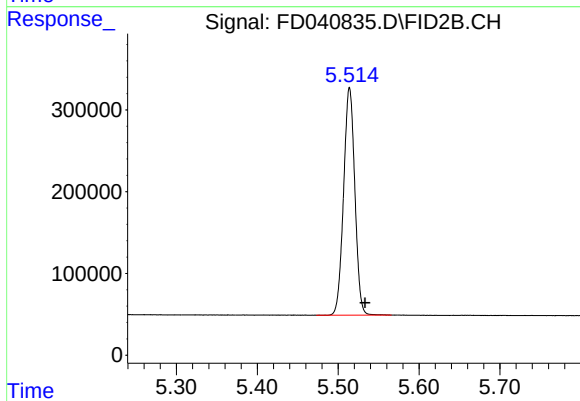
#2 n-Decane (C10)

R.T.: 3.547 min
Delta R.T.: -0.016 min
Response: 2679892
Conc: 20.81 ug/ml



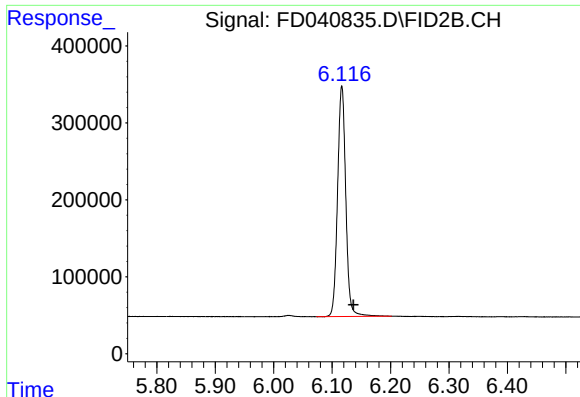
#3 A~Naphthalene (C11.7)

R.T.: 5.077 min
Delta R.T.: -0.019 min
Response: 2941494
Conc: 20.70 ug/ml



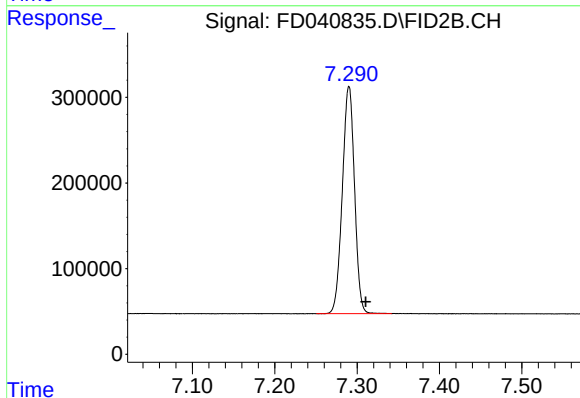
#4 n-Dodecane (C12)

R.T.: 5.514 min
Delta R.T.: -0.019 min
Response: 2690446
Conc: 21.05 ug/ml



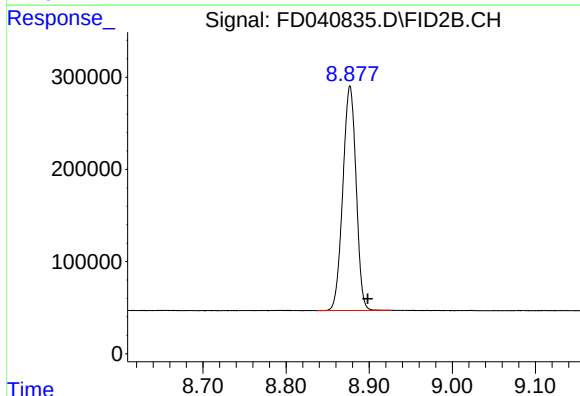
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.019 min
Response: 2929439
Conc: 20.77 ug/ml



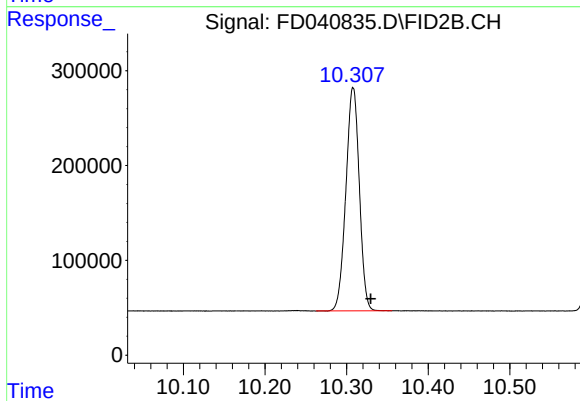
#6 n-Tetradecane (C14)

R.T.: 7.290 min
Delta R.T.: -0.021 min
Response: 2731859
Conc: 21.09 ug/ml



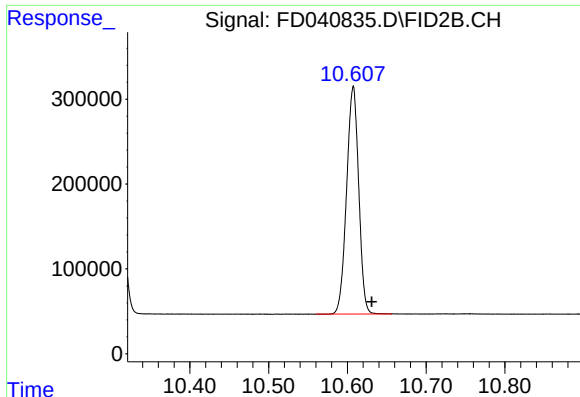
#7 n-Hexadecane (C16)

R.T.: 8.877 min
Delta R.T.: -0.021 min
Response: 2701794
Conc: 20.74 ug/ml



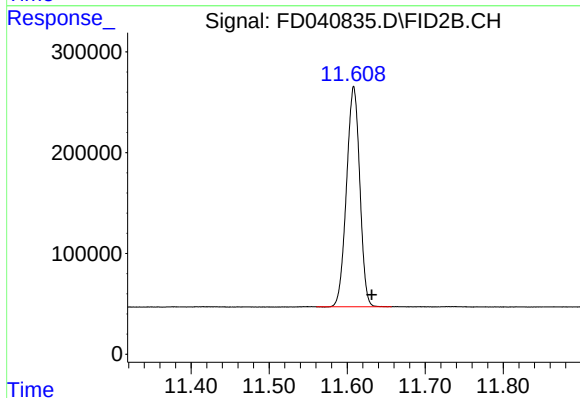
#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: -0.022 min
Response: 2696268
Conc: 19.90 ug/ml



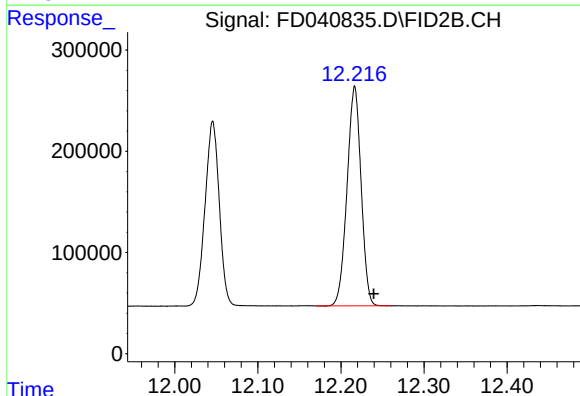
#9 ortho-Terphenyl (SURR)

R.T.: 10.608 min
Delta R.T.: -0.024 min
Response: 2864242
Conc: 18.58 ug/ml



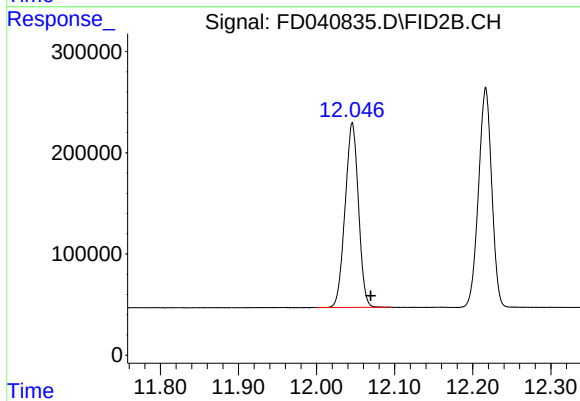
#10 n-Eicosane (C20)

R.T.: 11.608 min
Delta R.T.: -0.023 min
Response: 2580429
Conc: 18.97 ug/ml



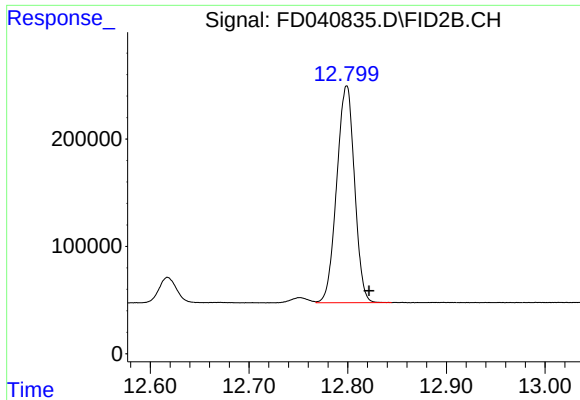
#11 n-Heneicosane (C21)

R.T.: 12.217 min
Delta R.T.: -0.023 min
Response: 2550243
Conc: 18.42 ug/ml



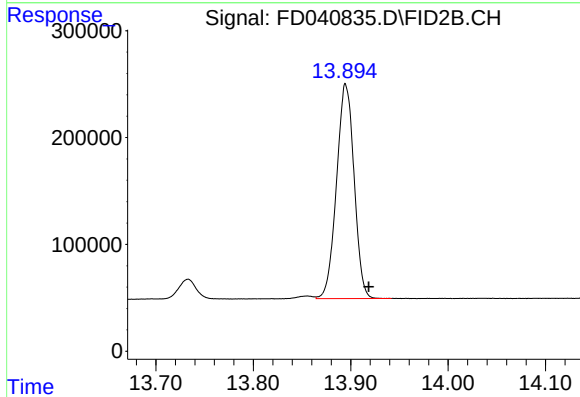
#12 1-chlorooctadecane (SURR)

R.T.: 12.046 min
Delta R.T.: -0.023 min
Response: 2170475
Conc: 18.44 ug/ml



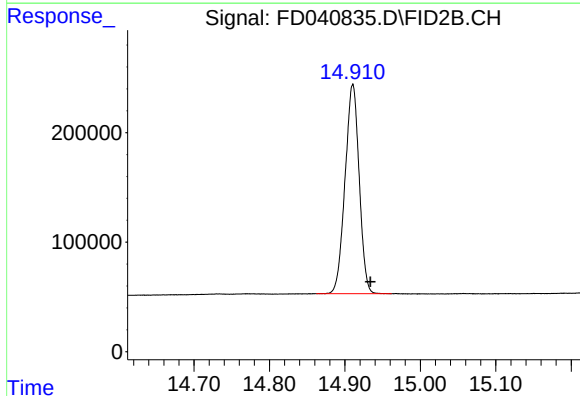
#13 n-Docosane (C22)

R.T.: 12.799 min
Delta R.T.: -0.023 min
Response: 2530431
Conc: 18.35 ug/ml



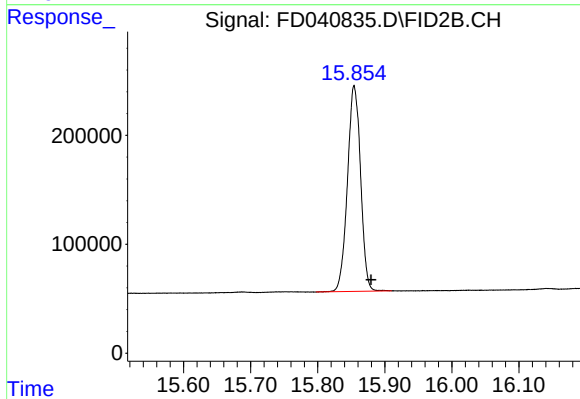
#14 n-Tetracosane (C24)

R.T.: 13.895 min
Delta R.T.: -0.024 min
Response: 2520578
Conc: 18.03 ug/ml



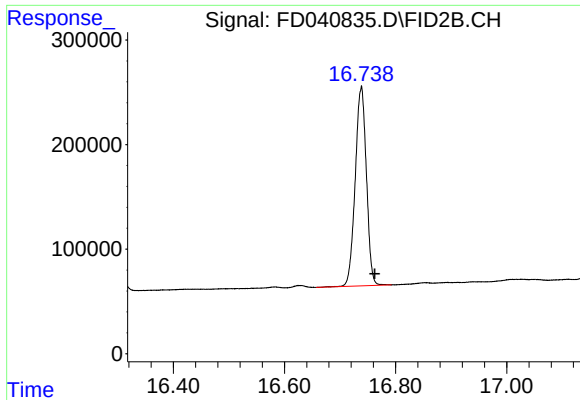
#15 n-Hexacosane (C26)

R.T.: 14.911 min
Delta R.T.: -0.023 min
Response: 2487514
Conc: 18.05 ug/ml



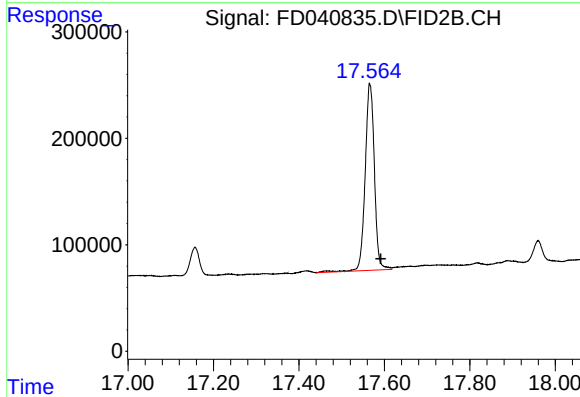
#16 n-Octacosane (C28)

R.T.: 15.854 min
Delta R.T.: -0.025 min
Response: 2569864
Conc: 18.94 ug/ml



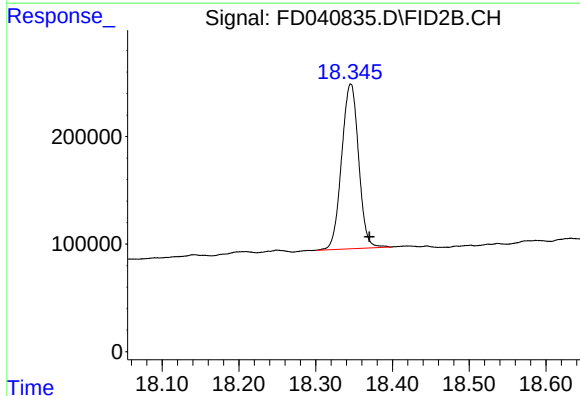
#17 n-Tricontane (C30)

R.T.: 16.738 min
Delta R.T.: -0.024 min
Response: 2654513
Conc: 20.37 ug/ml



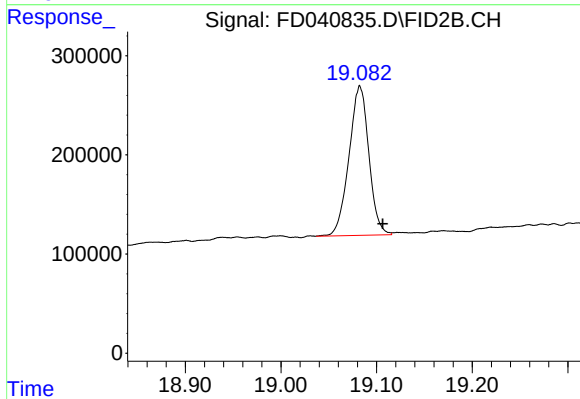
#18 n-Dotriacontane (C32)

R.T.: 17.566 min
Delta R.T.: -0.025 min
Response: 2627465
Conc: 21.98 ug/ml



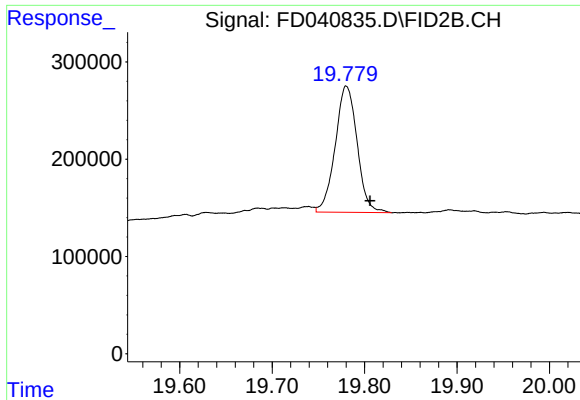
#19 n-Tetratriacontane (C34)

R.T.: 18.346 min
Delta R.T.: -0.024 min
Response: 2353767
Conc: 22.35 ug/ml



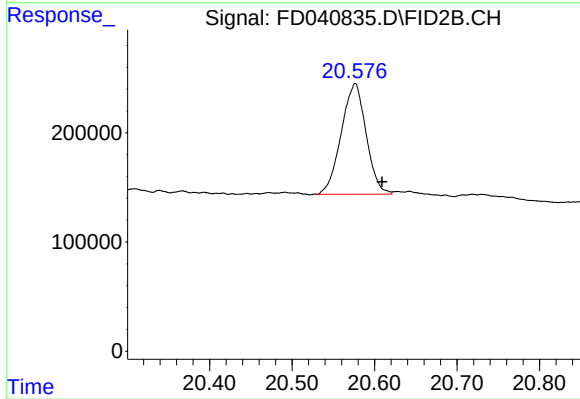
#20 n-Hexatriacontane (C36)

R.T.: 19.082 min
Delta R.T.: -0.024 min
Response: 2177942
Conc: 21.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.779 min
Delta R.T.: -0.027 min
Response: 2142103
Conc: 23.98 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.576 min
Delta R.T.: -0.033 min
Response: 2125834
Conc: 24.87 ug/ml m