

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012121AL\
 Data File : FD036129.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2021 10:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 01:00:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 2021
 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)	11.525	2911498	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	12.956	2266009	19.264 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.313	2740924	21.261 ug/ml
2) T n-Decane (C10)	4.377	2779088	21.357 ug/ml
3) T A~Naphthalene (C11.7)	5.956	3114317	21.265 ug/ml
4) T n-Dodecane (C12)	6.390	2837292	21.336 ug/ml
5) T A~2-methylnaphthalene...	7.009	3171519	21.116 ug/ml
6) T n-Tetradecane (C14)	8.178	2823755	21.131 ug/ml
7) T n-Hexadecane (C16)	9.774	2741767	20.716 ug/ml
8) T n-Octadecane (C18)	11.211	2790578	20.282 ug/ml
10) T n-Eicosane (C20)	12.515	2724728	19.720 ug/ml
11) T n-Heneicosane (C21)	13.124	2671367	19.331 ug/ml
13) T n-Docosane (C22)	13.708	2625501	19.123 ug/ml
14) T n-Tetracosane (C24)	14.806	2521544	18.549 ug/ml
15) T n-Hexacosane (C26)	15.822	2407379	18.134 ug/ml
16) T n-Octacosane (C28)	16.767	2310561	17.858 ug/ml
17) T n-Tricontane (C30)	17.649	2224678	18.044 ug/ml
18) T n-Dotriacontane (C32)	18.477	2058691	18.679 ug/ml
19) T n-Tetratriacontane (C34)	19.255	1951038	19.681 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1870456	20.796 ug/ml
21) T n-Octatriacontane (C38)	20.705	1808135	21.763 ug/ml
22) T n-Tetracontane (C40)	21.569	1886383	22.428 ug/ml

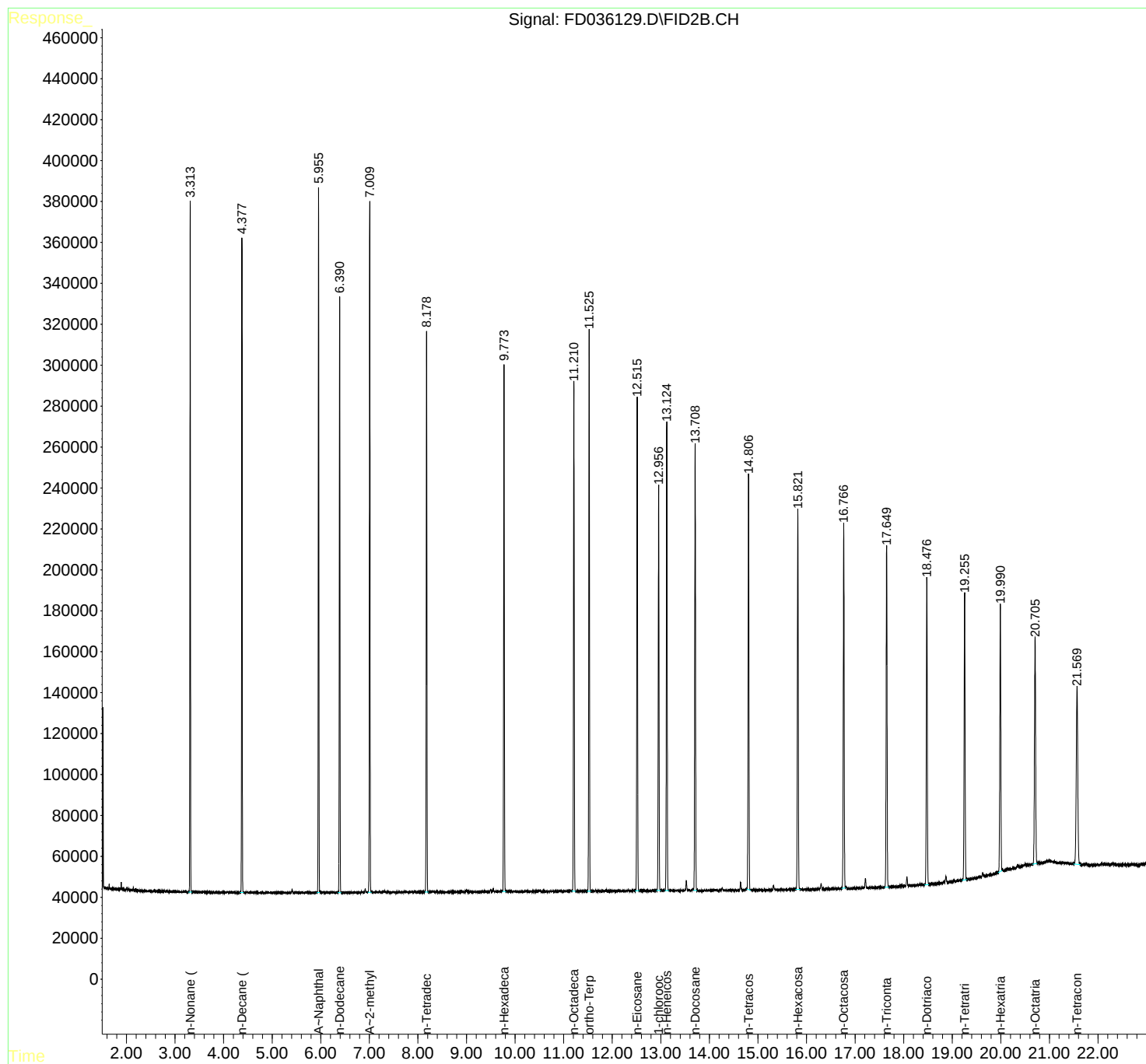
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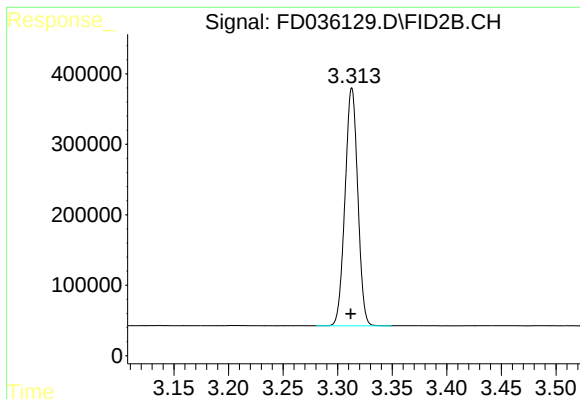
(m)=manual int.

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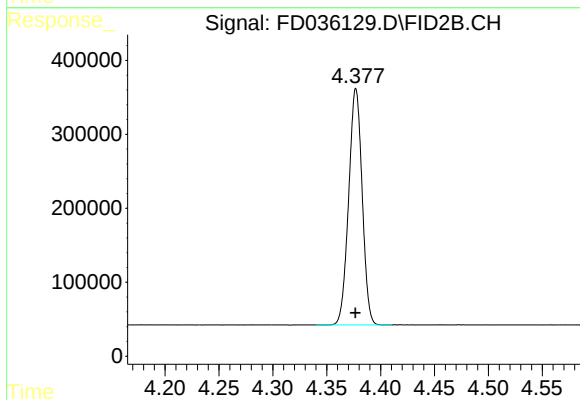
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Signal Info : 20M x 0.18mm x 0.18um





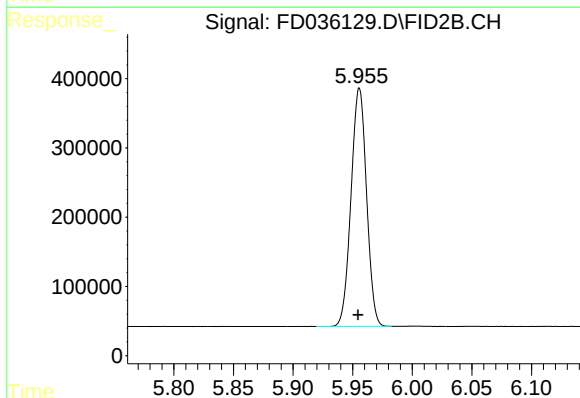
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.001 min
Response: 2740924
Conc: 21.26 ug/ml



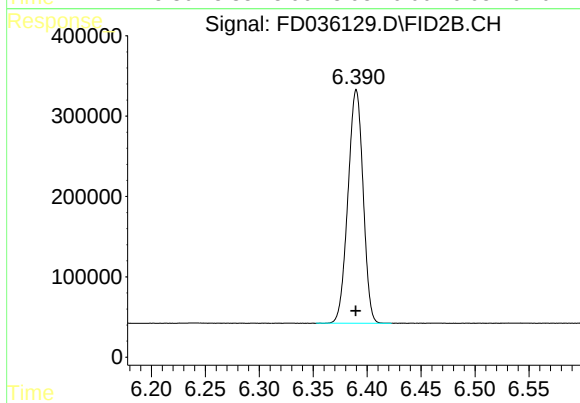
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 2779088
Conc: 21.36 ug/ml



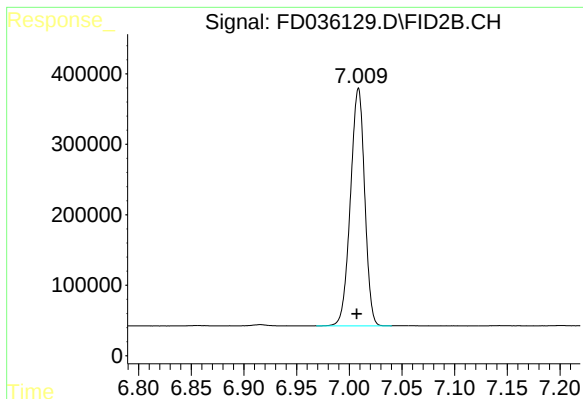
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.001 min
Response: 3114317
Conc: 21.27 ug/ml



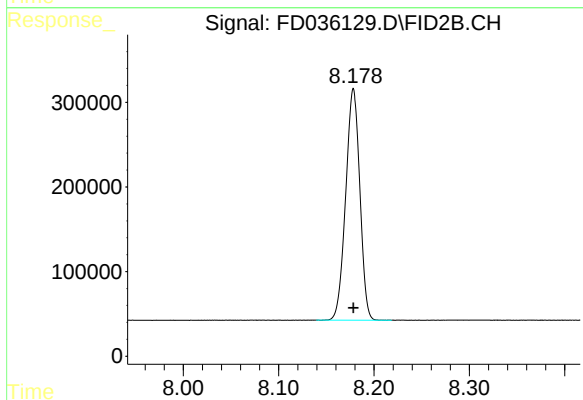
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2837292
Conc: 21.34 ug/ml



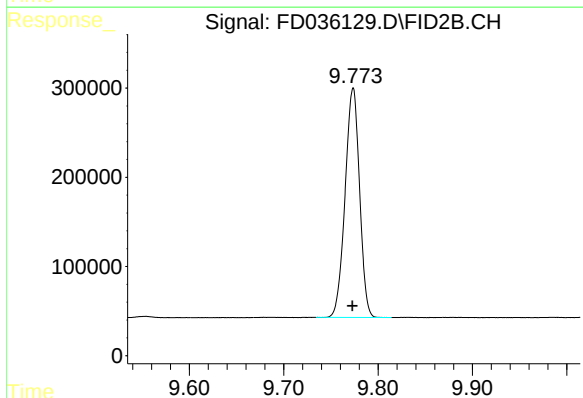
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: 0.002 min
Response: 3171519
Conc: 21.12 ug/ml



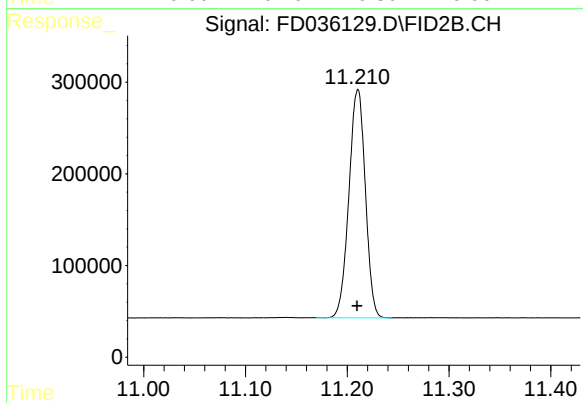
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2823755
Conc: 21.13 ug/ml



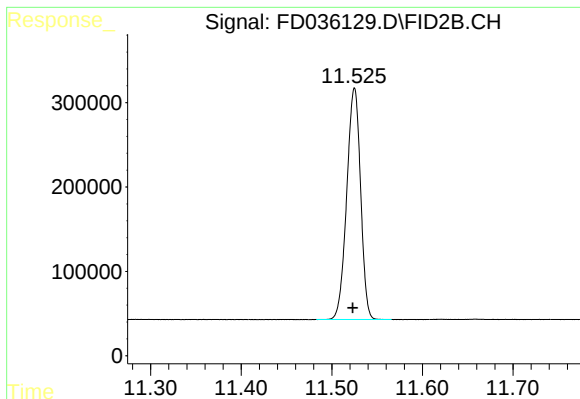
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.000 min
Response: 2741767
Conc: 20.72 ug/ml



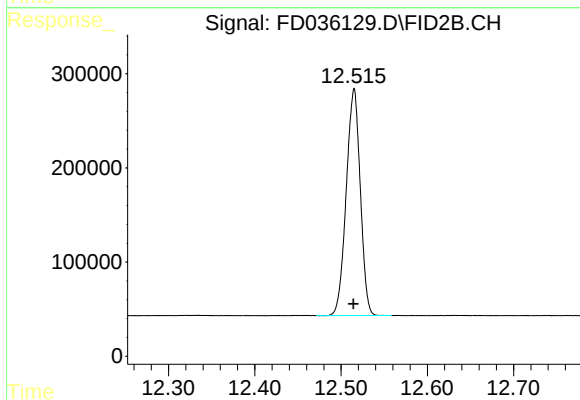
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.001 min
Response: 2790578
Conc: 20.28 ug/ml



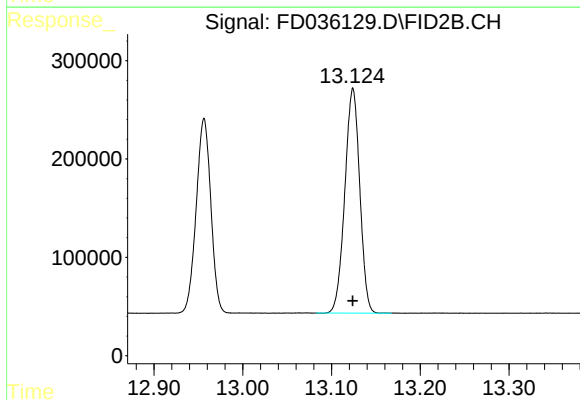
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: 0.002 min
Response: 2911498
Conc: 19.64 ug/ml



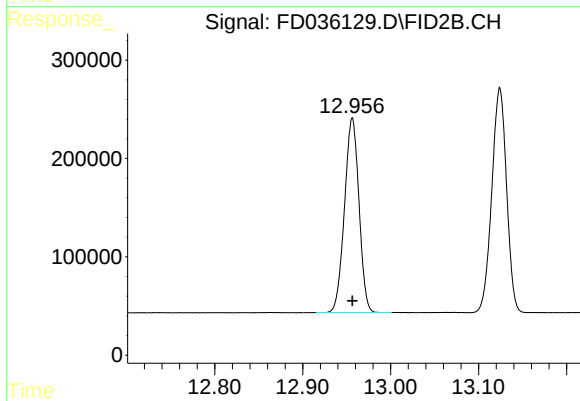
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: 0.000 min
Response: 2724728
Conc: 19.72 ug/ml



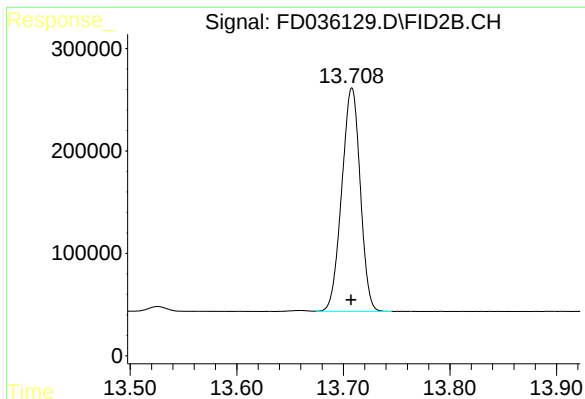
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: 0.000 min
Response: 2671367
Conc: 19.33 ug/ml



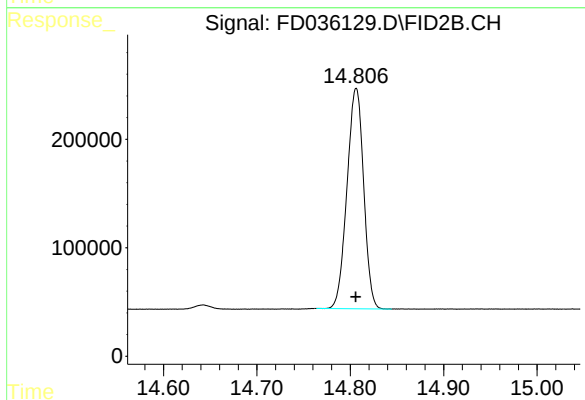
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: 0.000 min
Response: 2266009
Conc: 19.26 ug/ml



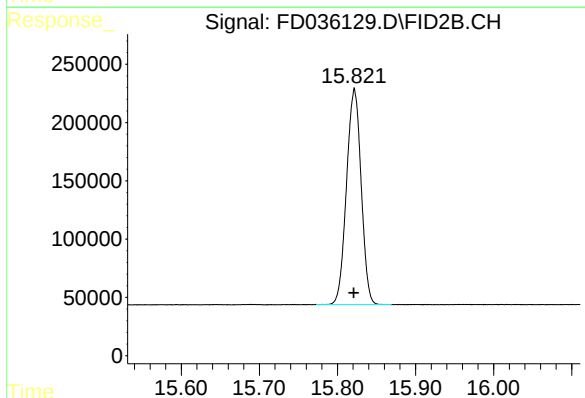
#13 n-Docosane (C22)

R.T.: 13.708 min
Delta R.T.: 0.000 min
Response: 2625501
Conc: 19.12 ug/ml



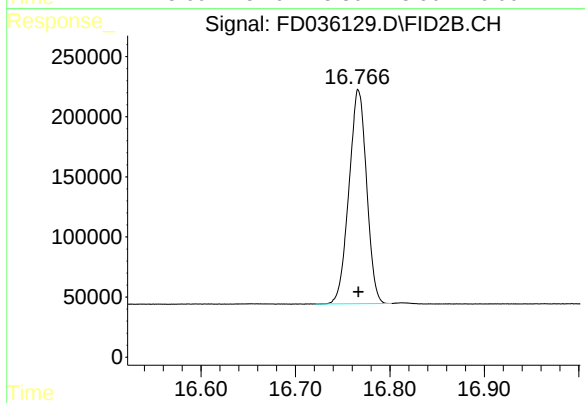
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 2521544
Conc: 18.55 ug/ml



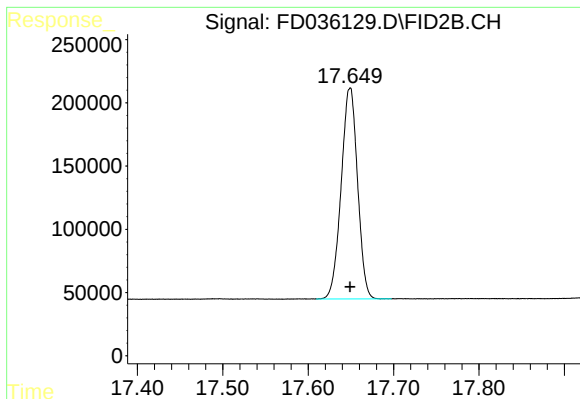
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.000 min
Response: 2407379
Conc: 18.13 ug/ml



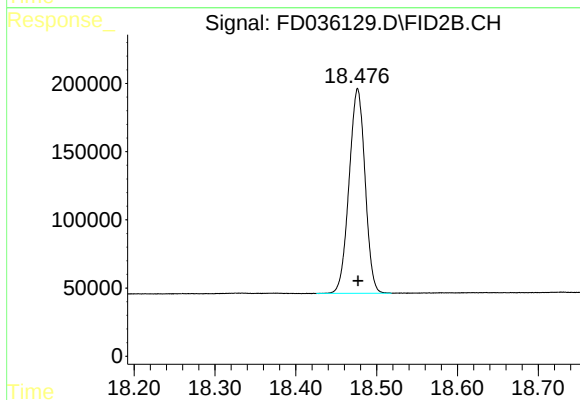
#16 n-Octacosane (C28)

R.T.: 16.767 min
Delta R.T.: 0.000 min
Response: 2310561
Conc: 17.86 ug/ml



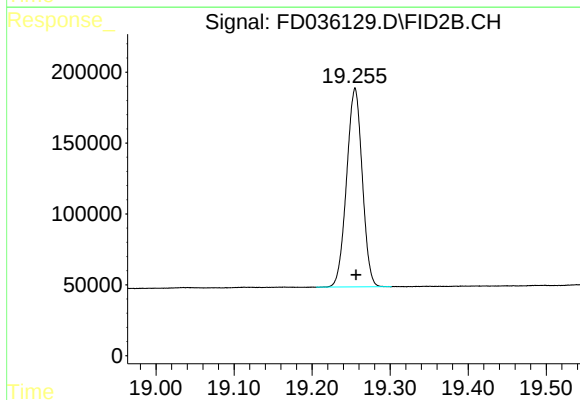
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.000 min
Response: 2224678
Conc: 18.04 ug/ml



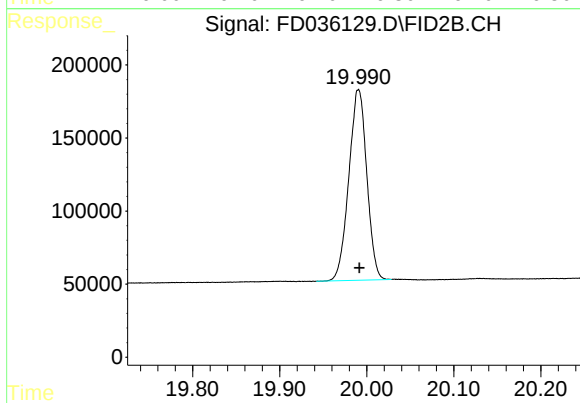
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2058691
Conc: 18.68 ug/ml



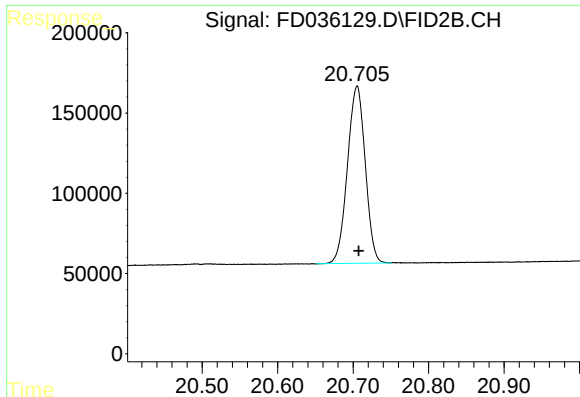
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.001 min
Response: 1951038
Conc: 19.68 ug/ml



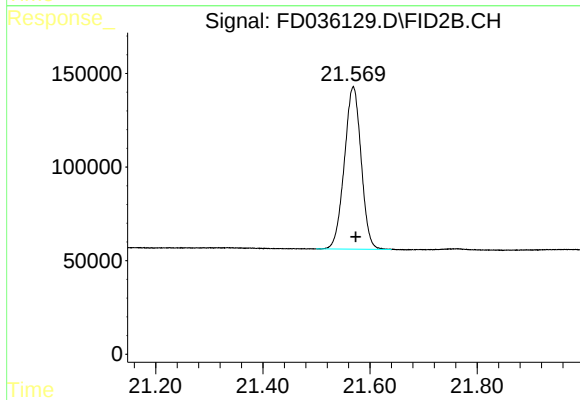
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 1870456
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.002 min
Response: 1808135
Conc: 21.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.005 min
Response: 1886383
Conc: 22.43 ug/ml