

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011321AL\
 Data File : FD036032.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jan 2021 7:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 14 08:08:47 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)	11.524	3213593	21.679 ug/ml
Spiked Amount 50.000		Recovery =	43.36%
12) S 1-chlorooctadecane (S...	12.957	2462559	20.935 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
Target Compounds			
1) T n-Nonane (C9)	3.309	2906991	22.550 ug/ml
2) T n-Decane (C10)	4.372	2950802	22.677 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3299105	22.527 ug/ml
4) T n-Dodecane (C12)	6.387	3011966	22.650 ug/ml
5) T A~2-methylnaphthalene...	7.005	3369050	22.431 ug/ml
6) T n-Tetradecane (C14)	8.177	3000043	22.450 ug/ml
7) T n-Hexadecane (C16)	9.773	2927036	22.116 ug/ml
8) T n-Octadecane (C18)	11.211	3015762	21.918 ug/ml
10) T n-Eicosane (C20)	12.515	3038798	21.993 ug/ml
11) T n-Heneicosane (C21)	13.125	3024326	21.885 ug/ml
13) T n-Docosane (C22)	13.709	2898609	21.113 ug/ml
14) T n-Tetracosane (C24)	14.806	2849140	20.959 ug/ml
15) T n-Hexacosane (C26)	15.824	2676928	20.164 ug/ml
16) T n-Octacosane (C28)	16.769	2539934	19.631 ug/ml
17) T n-Tricontane (C30)	17.652	2405181	19.508 ug/ml
18) T n-Dotriacontane (C32)	18.481	2272809	20.621 ug/ml
19) T n-Tetratriacontane (C34)	19.260	2026149	20.439 ug/ml
20) T n-Hexatriacontane (C36)	19.995	1892448	21.040 ug/mlm
21) T n-Octatriacontane (C38)	20.712	1836203	22.101 ug/ml
22) T n-Tetracontane (C40)	21.579	1972024	23.446 ug/mlm

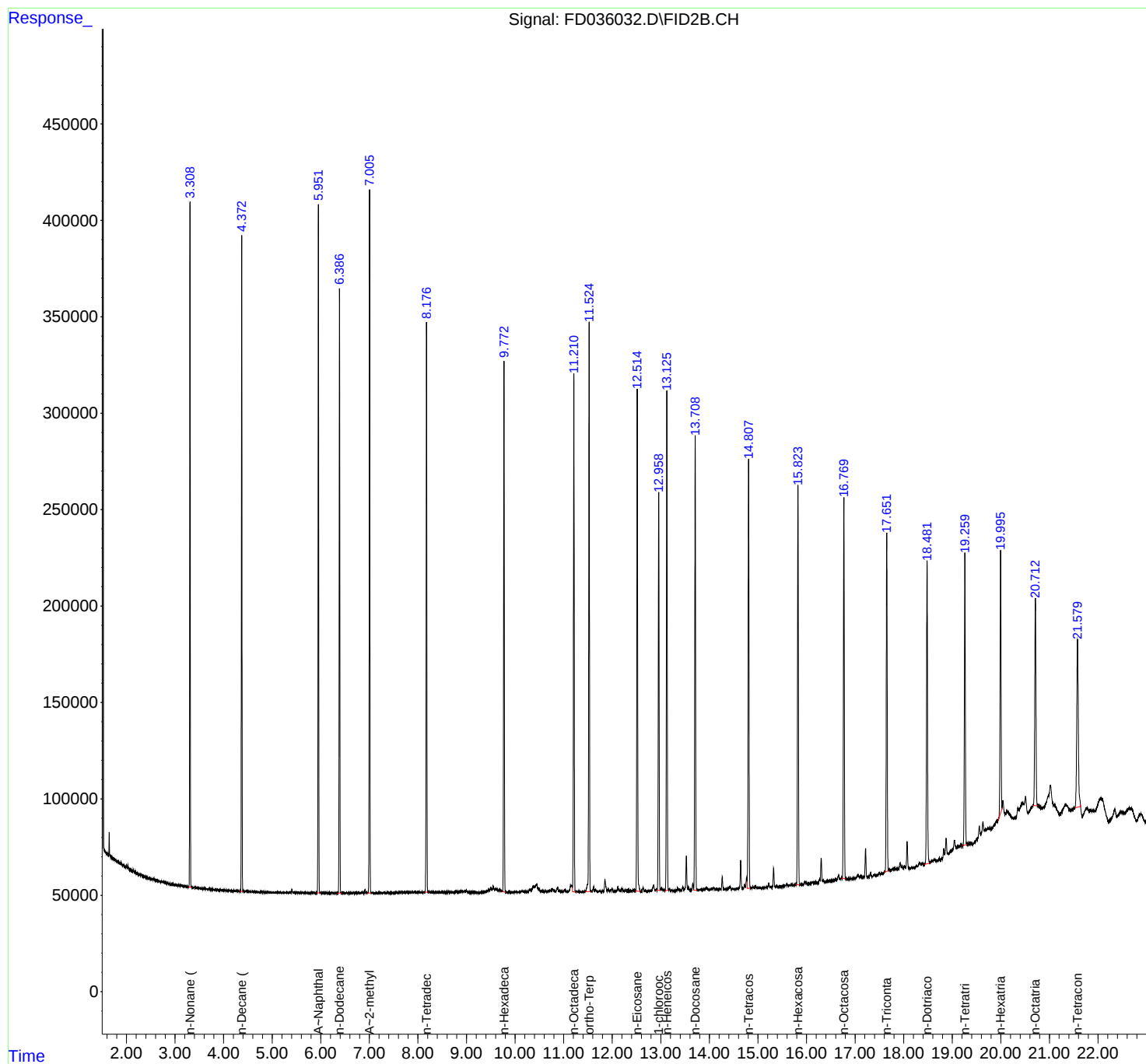
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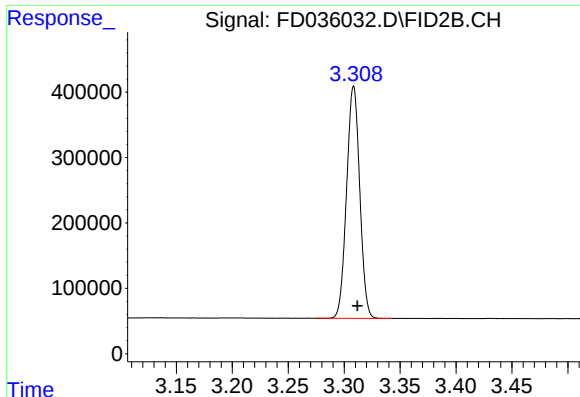
(m)=manual int.

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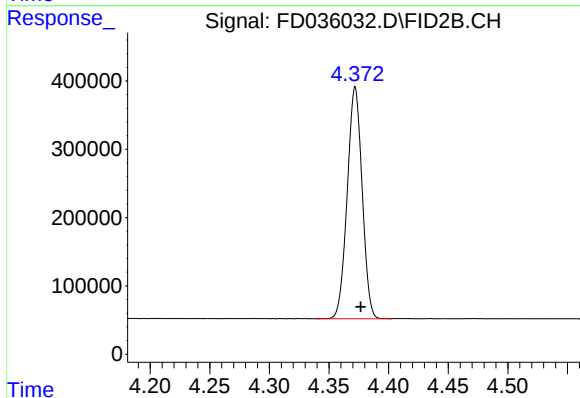
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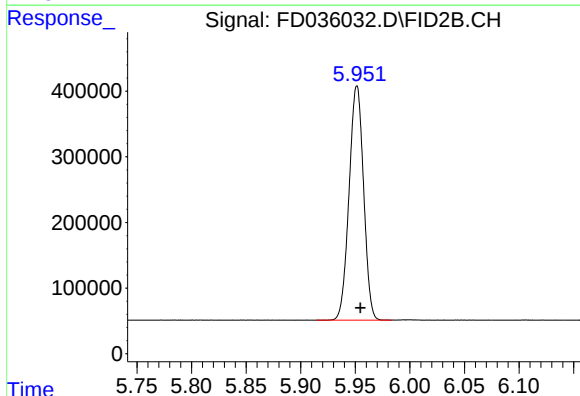
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.003 min
Response: 2906991
Conc: 22.55 ug/ml



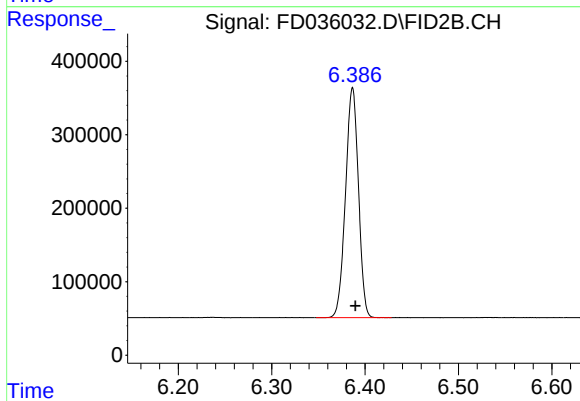
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.005 min
Response: 2950802
Conc: 22.68 ug/ml



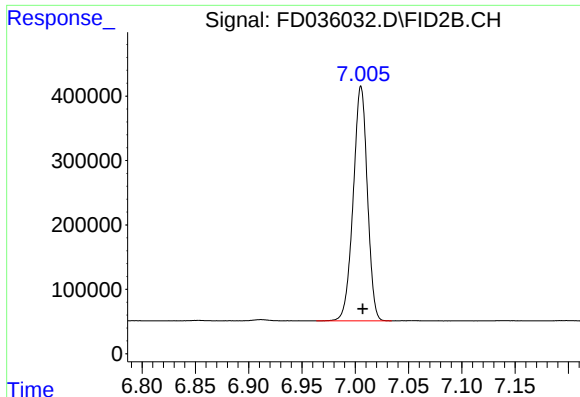
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 3299105
Conc: 22.53 ug/ml



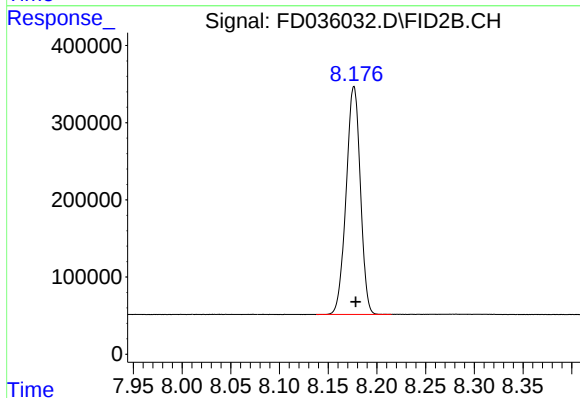
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 3011966
Conc: 22.65 ug/ml



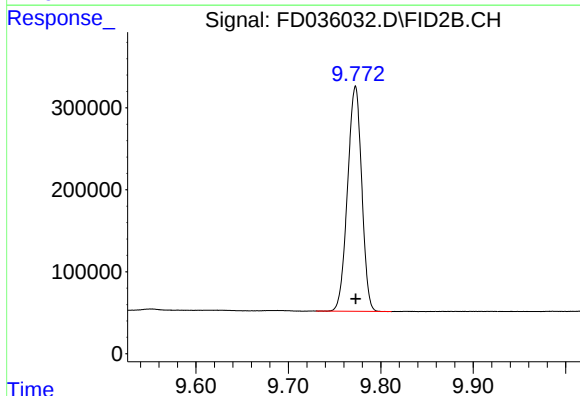
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 3369050
Conc: 22.43 ug/ml



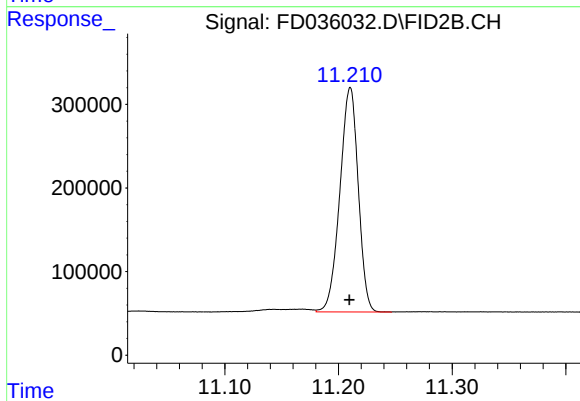
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 3000043
Conc: 22.45 ug/ml



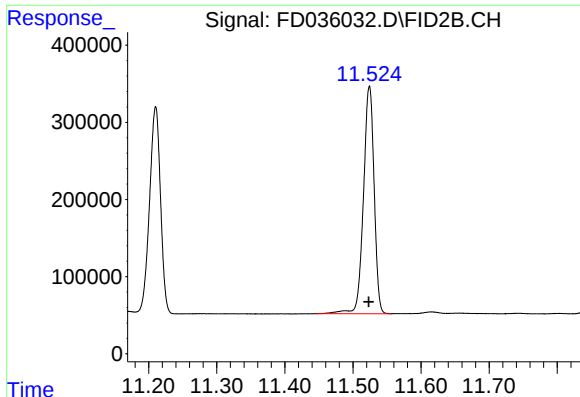
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 2927036
Conc: 22.12 ug/ml



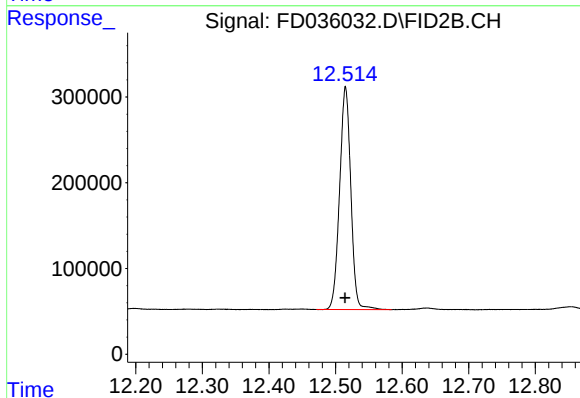
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 3015762
Conc: 21.92 ug/ml



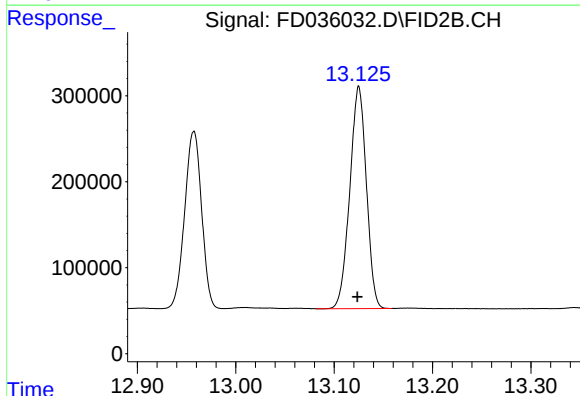
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.001 min
Response: 3213593
Conc: 21.68 ug/ml



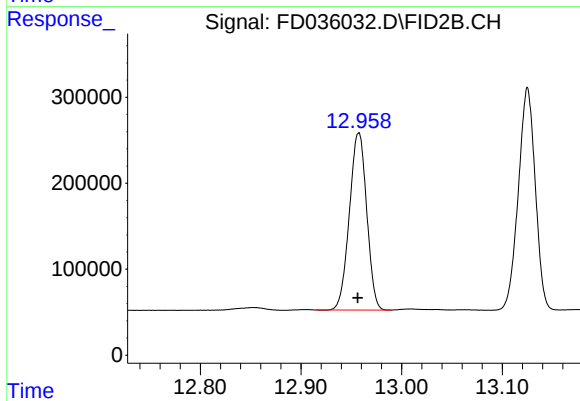
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: 0.000 min
Response: 3038798
Conc: 21.99 ug/ml



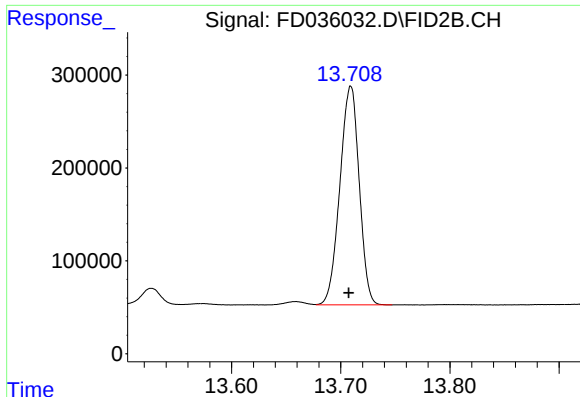
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: 0.001 min
Response: 3024326
Conc: 21.89 ug/ml



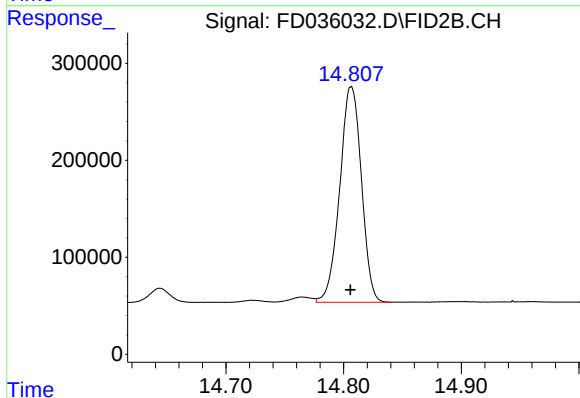
#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 2462559
Conc: 20.94 ug/ml



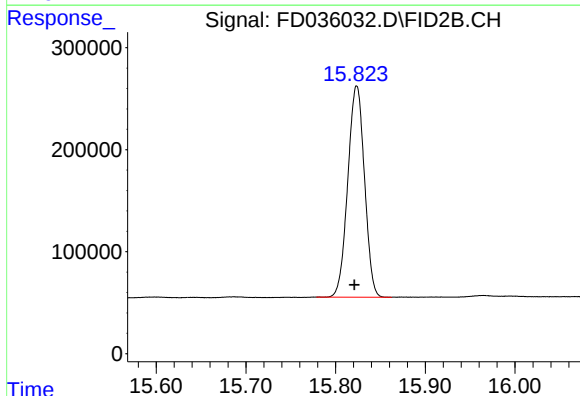
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: 0.002 min
Response: 2898609
Conc: 21.11 ug/ml



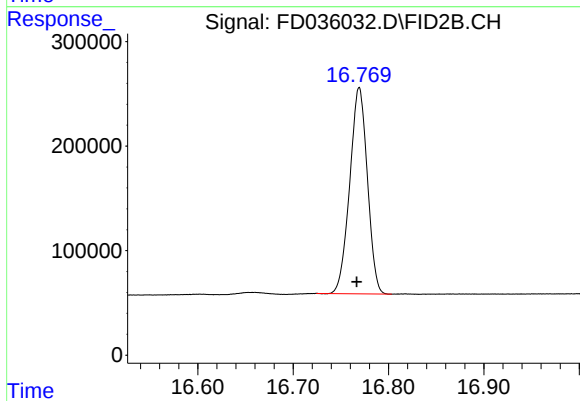
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 2849140
Conc: 20.96 ug/ml



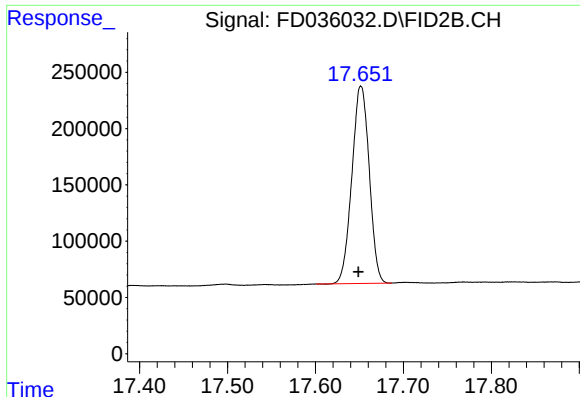
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.003 min
Response: 2676928
Conc: 20.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: 0.003 min
Response: 2539934
Conc: 19.63 ug/ml



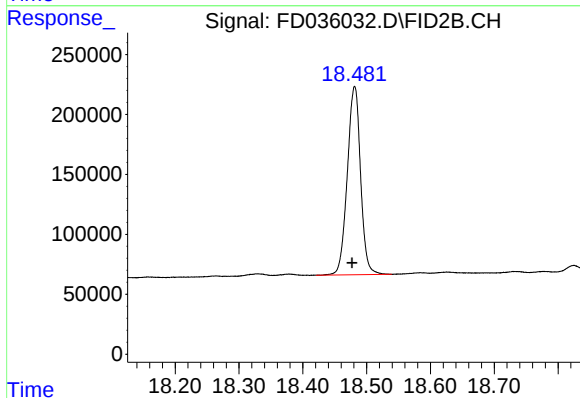
#17 n-Tricontane (C30)

R.T.: 17.652 min

Delta R.T.: 0.003 min

Response: 2405181

Conc: 19.51 ug/ml



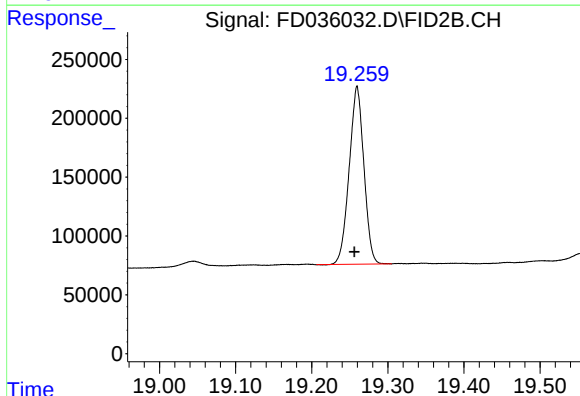
#18 n-Dotriacontane (C32)

R.T.: 18.481 min

Delta R.T.: 0.004 min

Response: 2272809

Conc: 20.62 ug/ml



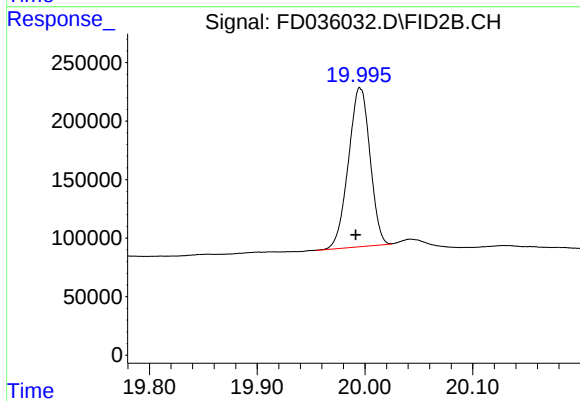
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min

Delta R.T.: 0.003 min

Response: 2026149

Conc: 20.44 ug/ml



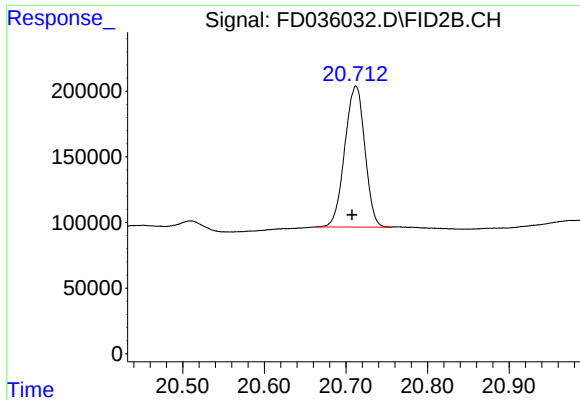
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min

Delta R.T.: 0.003 min

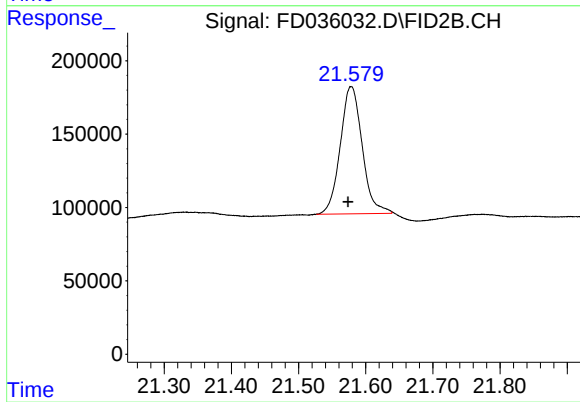
Response: 1892448

Conc: 21.04 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.005 min
Response: 1836203
Conc: 22.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: 0.005 min
Response: 1972024
Conc: 23.45 ug/ml m