

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041620AL\
 Data File : FD032975.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2020 21:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 17 01:02:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 2020
 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)	11.501	2976812	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	12.933	2319705	19.764 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.310	2891406	21.625 ug/ml
2) T n-Decane (C10)	4.369	2921968	21.810 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3200652	21.716 ug/ml
4) T n-Dodecane (C12)	6.375	2955832	21.801 ug/ml
5) T A~2-methylnaphthalene...	6.996	3207241	21.588 ug/ml
6) T n-Tetradecane (C14)	8.161	2957276	21.630 ug/ml
7) T n-Hexadecane (C16)	9.753	2935841	21.370 ug/ml
8) T n-Octadecane (C18)	11.187	2893711	20.896 ug/ml
10) T n-Eicosane (C20)	12.490	2827232	20.354 ug/ml
11) T n-Heneicosane (C21)	13.099	2789864	19.917 ug/ml
13) T n-Docosane (C22)	13.683	2799841	20.166 ug/ml
14) T n-Tetracosane (C24)	14.780	2879927	20.988 ug/ml
15) T n-Hexacosane (C26)	15.796	2784859	20.942 ug/ml
16) T n-Octacosane (C28)	16.741	2735800	21.674 ug/ml
17) T n-Tricontane (C30)	17.625	2611027	22.938 ug/ml
18) T n-Dotriacontane (C32)	18.452	2026951	24.130 ug/ml
19) T n-Tetratriacontane (C34)	19.232	1433180	23.631 ug/ml
20) T n-Hexatriacontane (C36)	19.967	1203745	23.992 ug/ml
21) T n-Octatriacontane (C38)	20.680	1101909	22.888 ug/ml
22) T n-Tetracontane (C40)	21.539	1104786	21.895 ug/ml

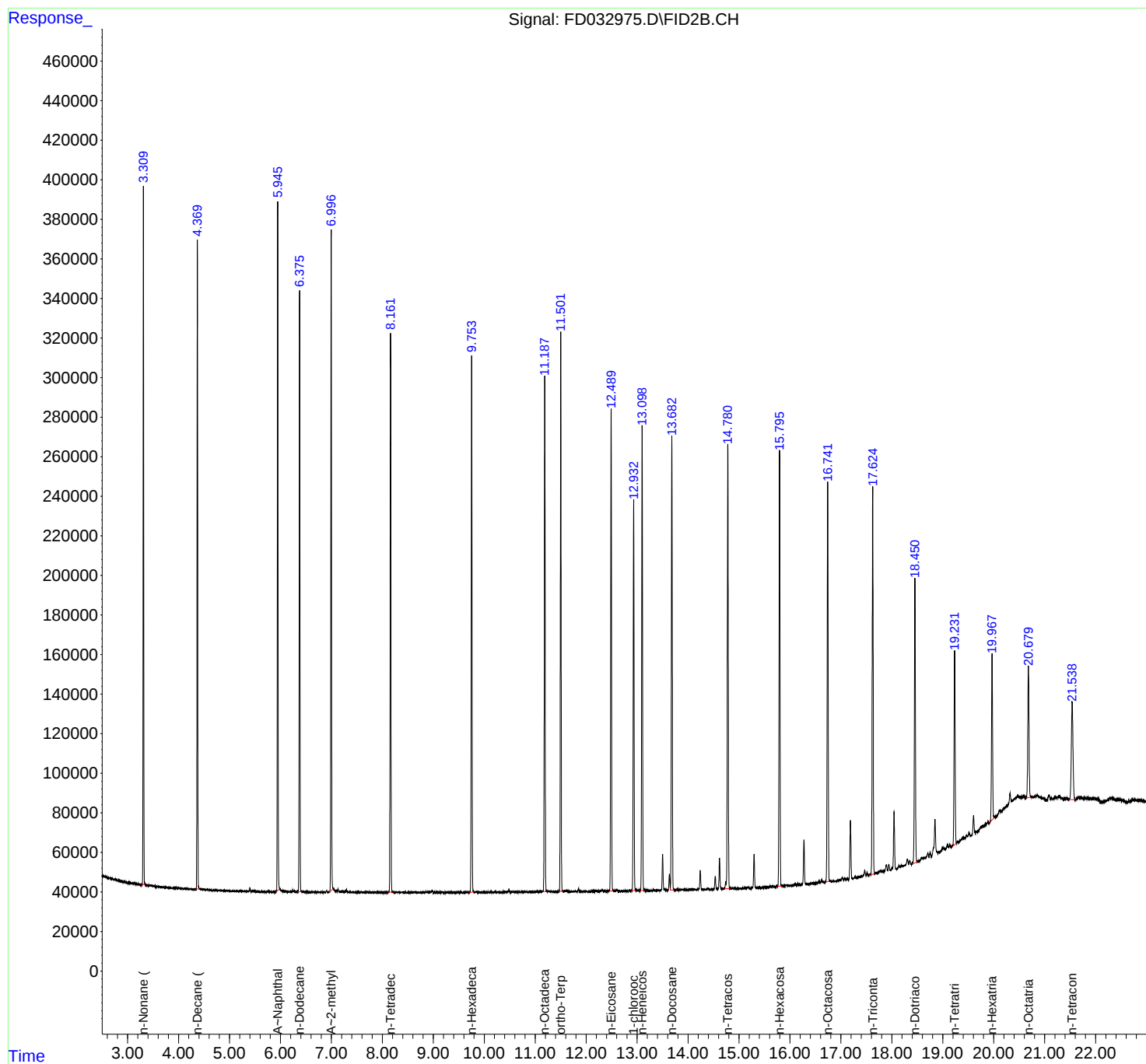
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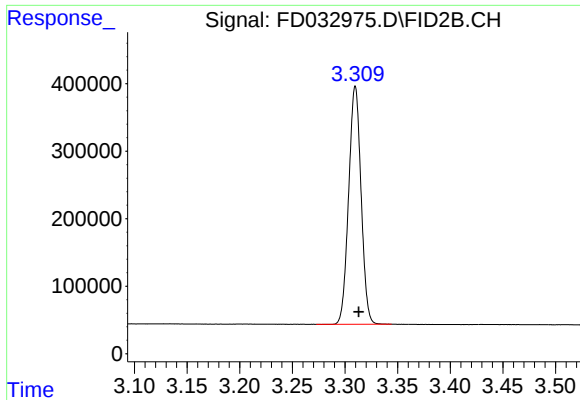
(m)=manual int.

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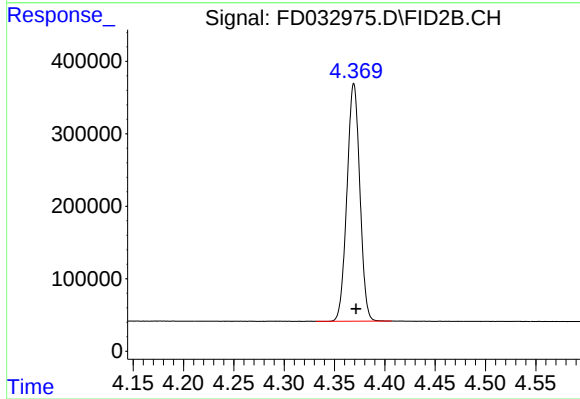
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





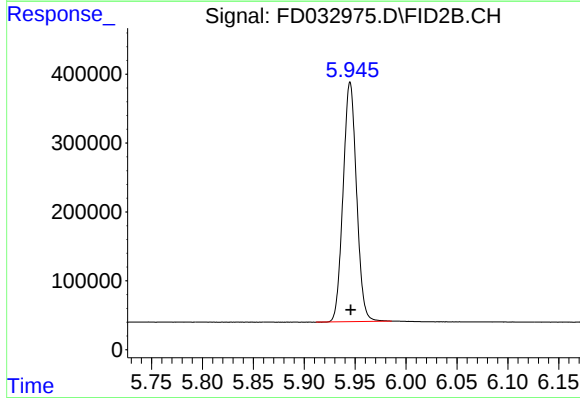
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2891406
Conc: 21.62 ug/ml



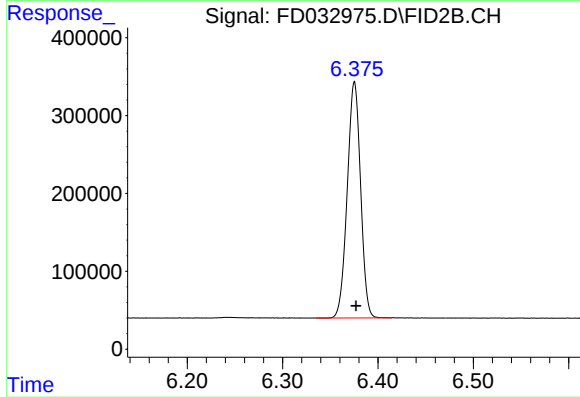
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 2921968
Conc: 21.81 ug/ml



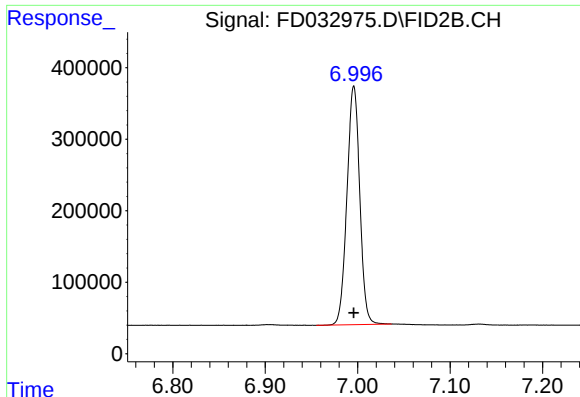
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 3200652
Conc: 21.72 ug/ml



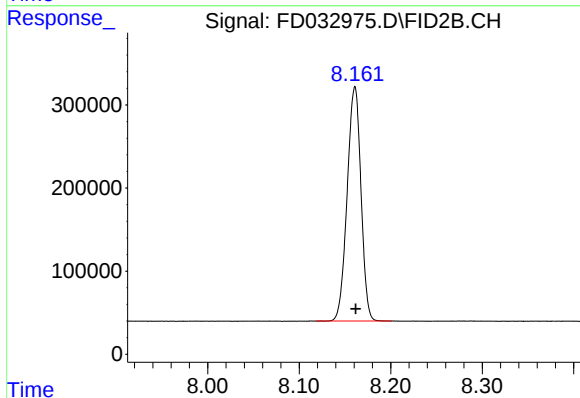
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 2955832
Conc: 21.80 ug/ml



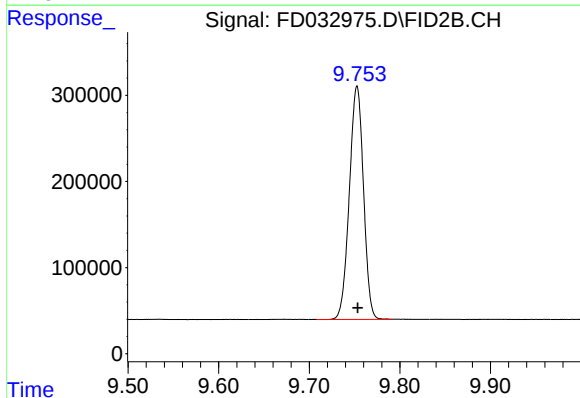
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 3207241
Conc: 21.59 ug/ml



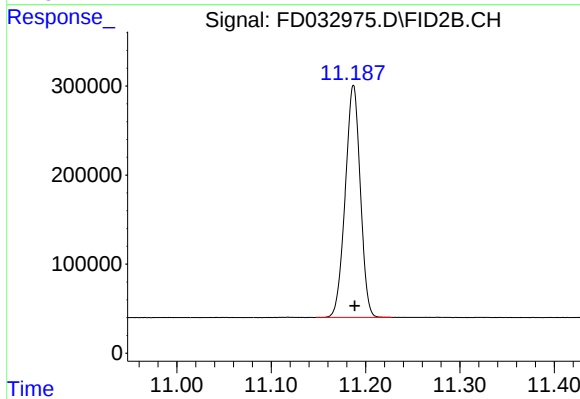
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: -0.001 min
Response: 2957276
Conc: 21.63 ug/ml



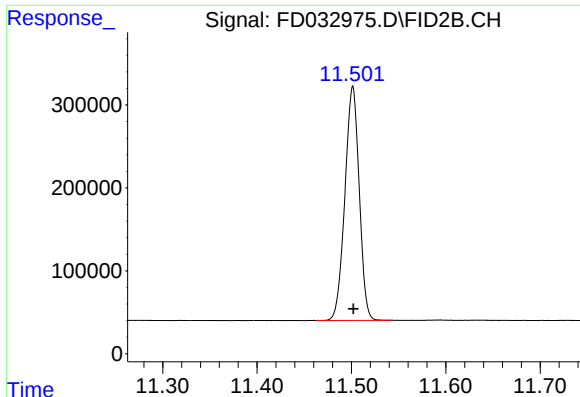
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 2935841
Conc: 21.37 ug/ml



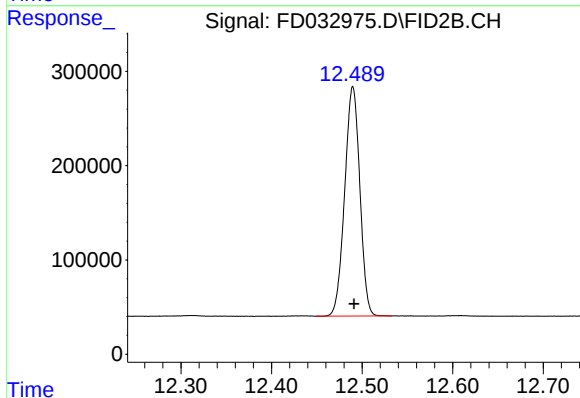
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: -0.001 min
Response: 2893711
Conc: 20.90 ug/ml



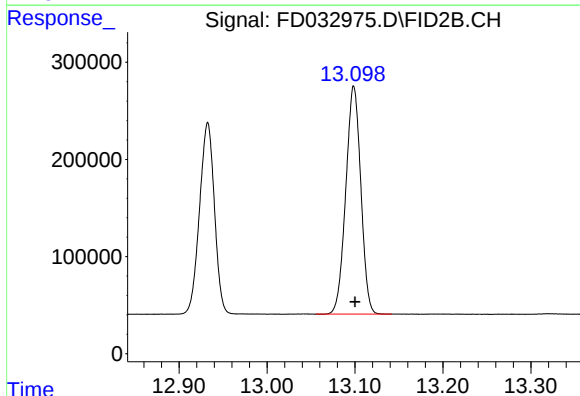
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: 0.000 min
Response: 2976812
Conc: 19.81 ug/ml



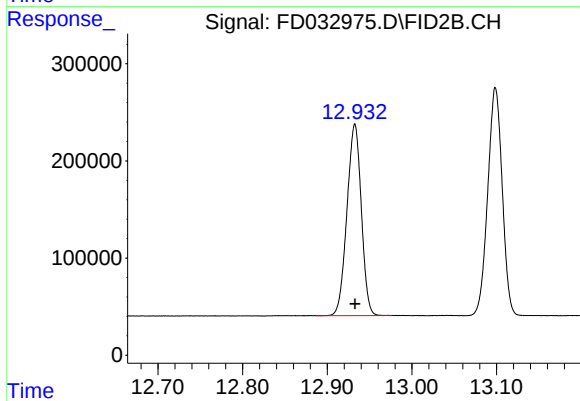
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.001 min
Response: 2827232
Conc: 20.35 ug/ml



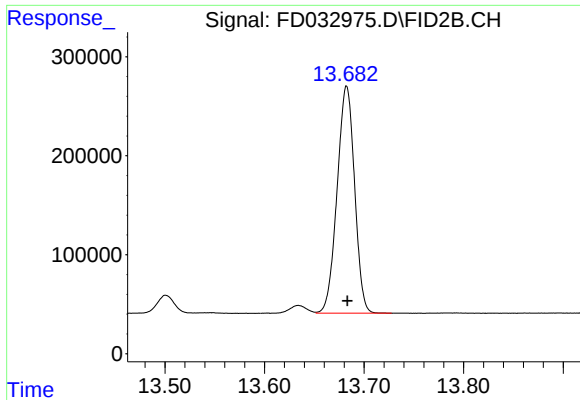
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.002 min
Response: 2789864
Conc: 19.92 ug/ml



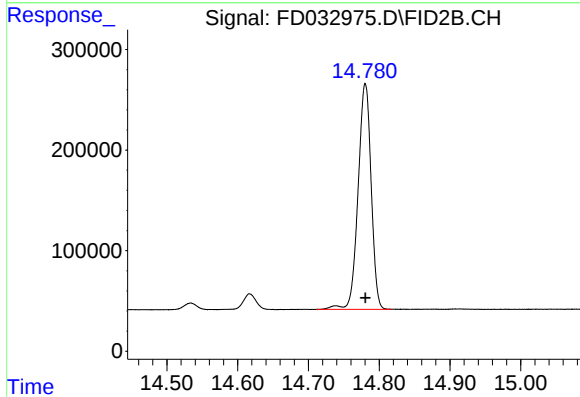
#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 2319705
Conc: 19.76 ug/ml



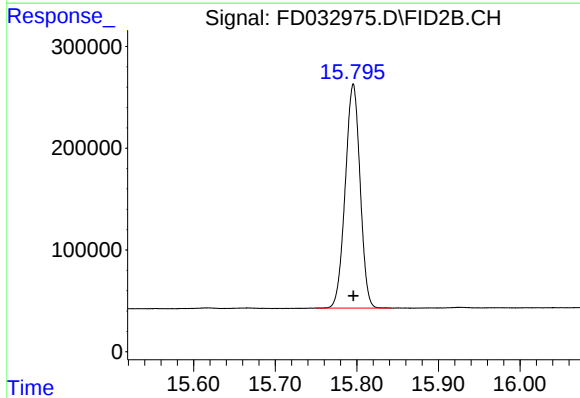
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: 0.000 min
Response: 2799841
Conc: 20.17 ug/ml



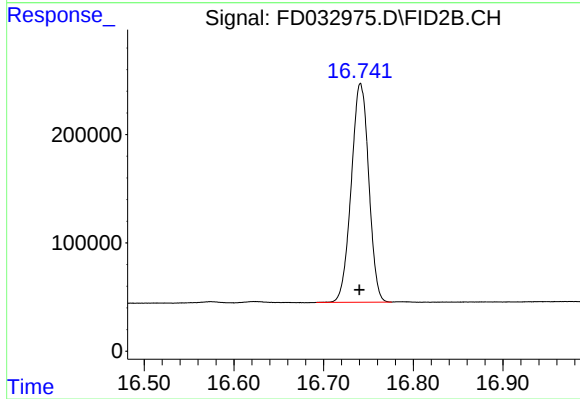
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: 0.000 min
Response: 2879927
Conc: 20.99 ug/ml



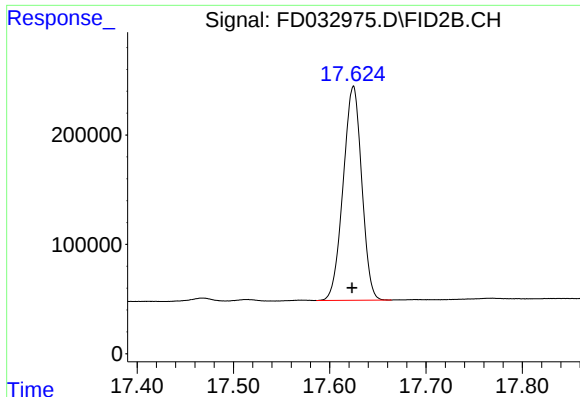
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: 0.000 min
Response: 2784859
Conc: 20.94 ug/ml



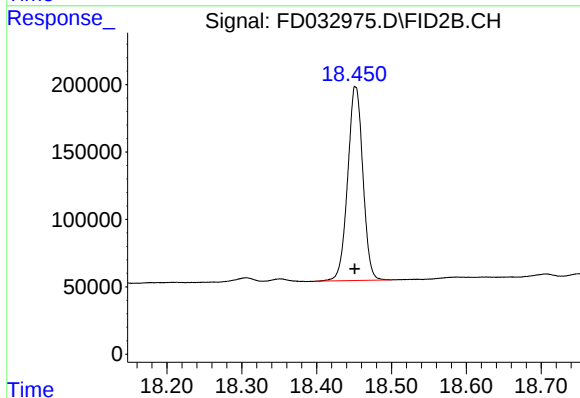
#16 n-Octacosane (C28)

R.T.: 16.741 min
Delta R.T.: 0.000 min
Response: 2735800
Conc: 21.67 ug/ml



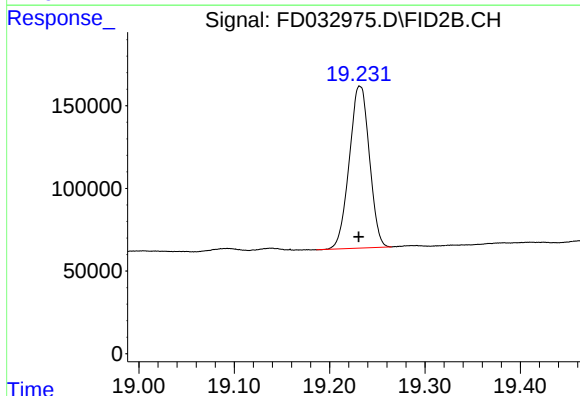
#17 n-Tricontane (C30)

R.T.: 17.625 min
Delta R.T.: 0.002 min
Response: 2611027
Conc: 22.94 ug/ml



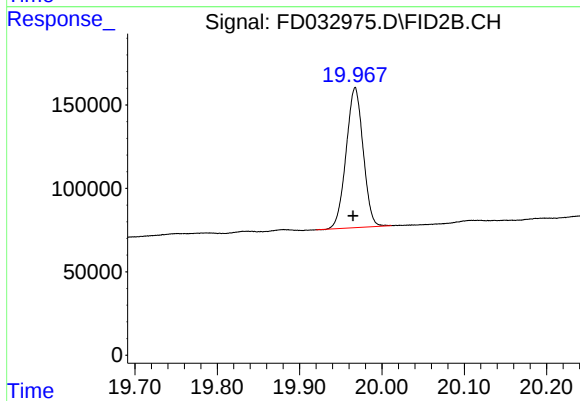
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: 0.001 min
Response: 2026951
Conc: 24.13 ug/ml



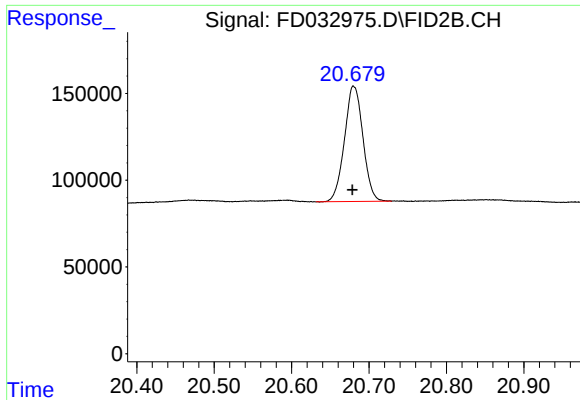
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: 0.002 min
Response: 1433180
Conc: 23.63 ug/ml



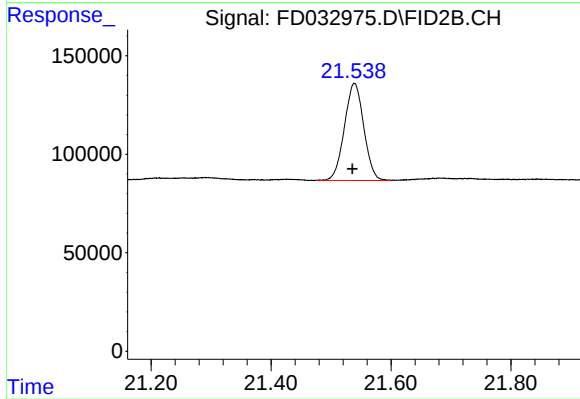
#20 n-Hexatriacontane (C36)

R.T.: 19.967 min
Delta R.T.: 0.003 min
Response: 1203745
Conc: 23.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: 0.002 min
Response: 1101909
Conc: 22.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.539 min
Delta R.T.: 0.004 min
Response: 1104786
Conc: 21.89 ug/ml