

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101520AL\
 Data File : FD035088.D
 Signal(s) : FID2B.CH
 Acq On : 16 Oct 2020 4:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 16 06:54:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 09:52:32 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)	11.562	2530087	19.786 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
12) S 1-chlorooctadecane (S...	12.993	1974850	19.618 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.348	2263226	20.154 ug/ml
2) T n-Decane (C10)	4.412	2284329	20.272 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2509153	20.256 ug/ml
4) T n-Dodecane (C12)	6.424	2341109	20.360 ug/ml
5) T A~2-methylnaphthalene...	7.047	2545417	20.205 ug/ml
6) T n-Tetradecane (C14)	8.214	2351101	20.434 ug/ml
7) T n-Hexadecane (C16)	9.809	2317575	20.327 ug/ml
8) T n-Octadecane (C18)	11.246	2405924	20.217 ug/ml
10) T n-Eicosane (C20)	12.550	2396167	19.873 ug/ml
11) T n-Heneicosane (C21)	13.159	2367895	19.648 ug/ml
13) T n-Docosane (C22)	13.744	2344590	19.484 ug/ml
14) T n-Tetracosane (C24)	14.842	2283509	18.973 ug/ml
15) T n-Hexacosane (C26)	15.858	2187772	18.471 ug/ml
16) T n-Octacosane (C28)	16.804	2121598	18.127 ug/ml
17) T n-Tricontane (C30)	17.686	2032576	17.987 ug/ml
18) T n-Dotriacontane (C32)	18.514	1872414	17.861 ug/ml
19) T n-Tetratriacontane (C34)	19.294	1756575	18.382 ug/ml
20) T n-Hexatriacontane (C36)	20.029	1648143	19.210 ug/ml
21) T n-Octatriacontane (C38)	20.754	1586642	19.757 ug/ml
22) T n-Tetracontane (C40)	21.642	1650711	18.804 ug/ml

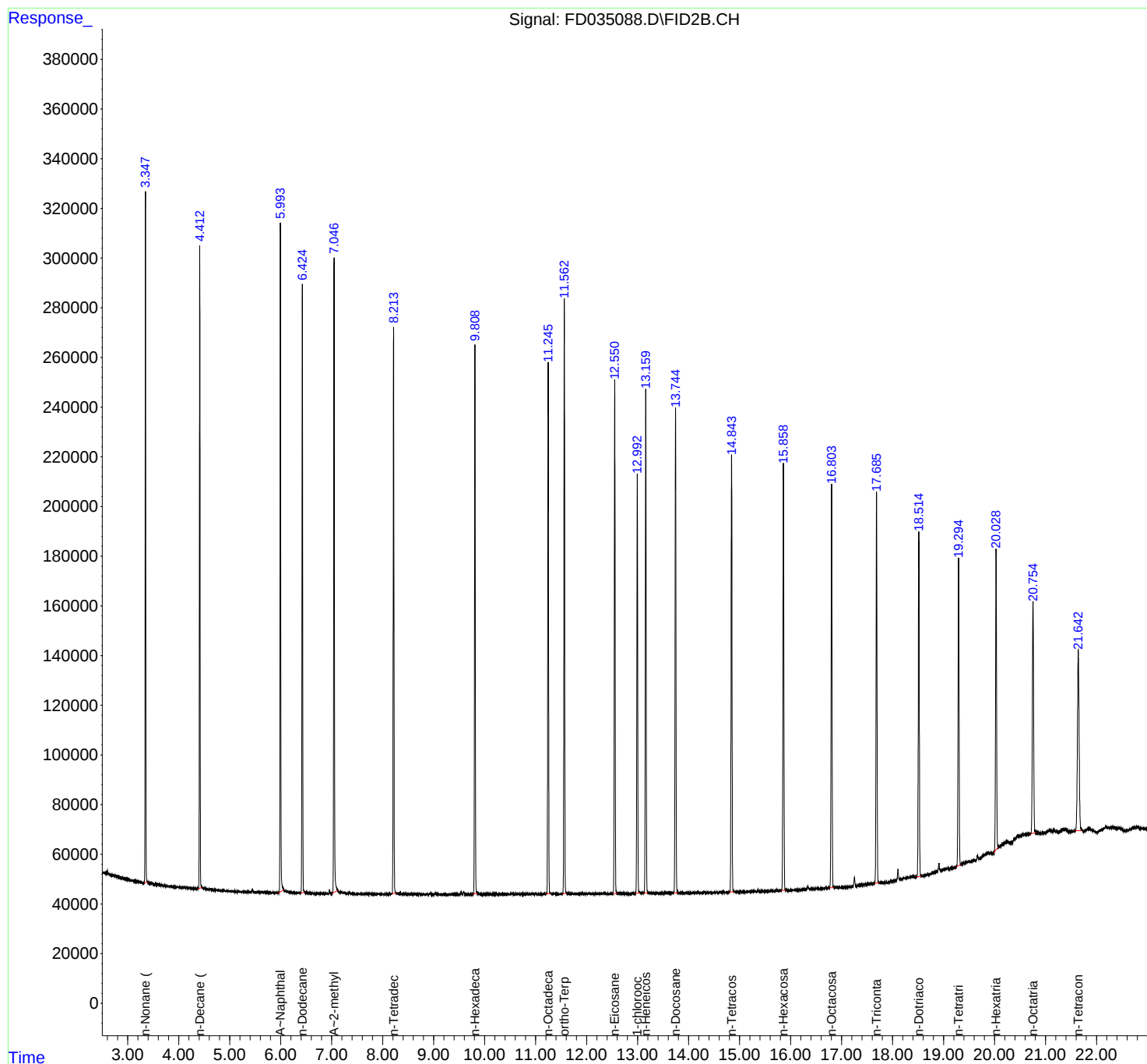
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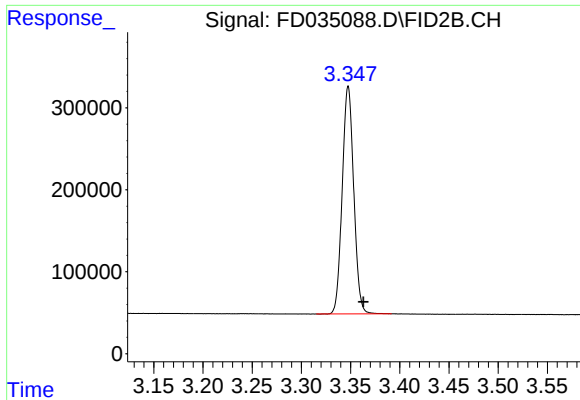
(m)=manual int.

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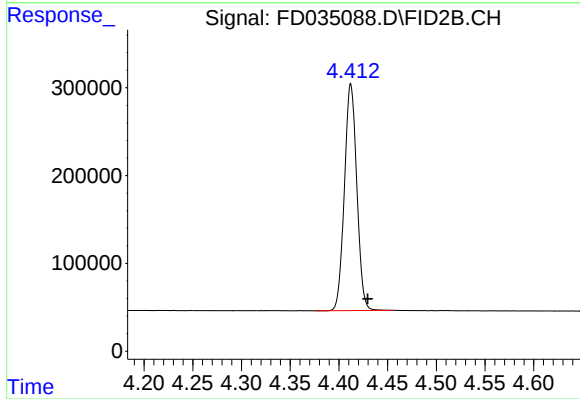
Volume Inj. : 1 uL
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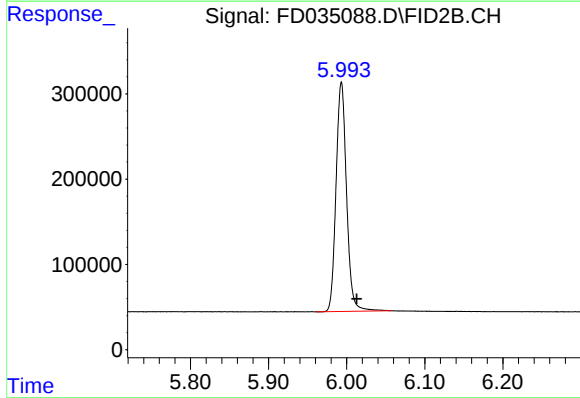
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.015 min
Response: 2263226
Conc: 20.15 ug/ml



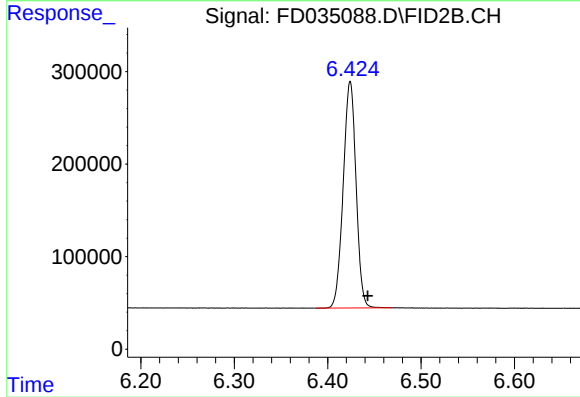
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.017 min
Response: 2284329
Conc: 20.27 ug/ml



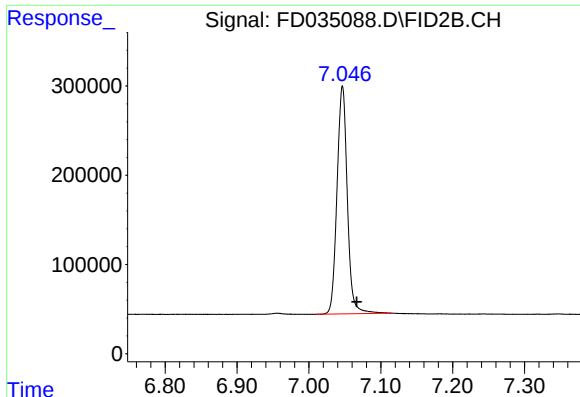
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.020 min
Response: 2509153
Conc: 20.26 ug/ml



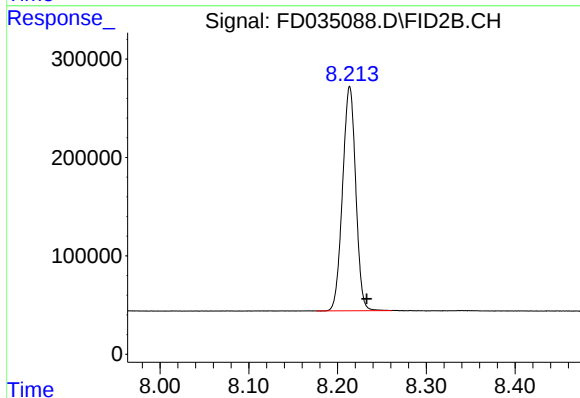
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.019 min
Response: 2341109
Conc: 20.36 ug/ml



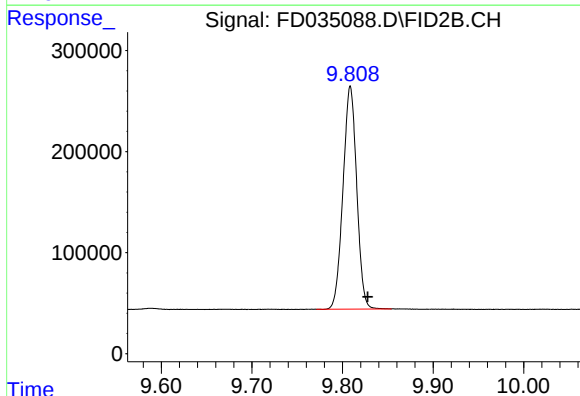
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.047 min
Delta R.T.: -0.020 min
Response: 2545417
Conc: 20.20 ug/ml



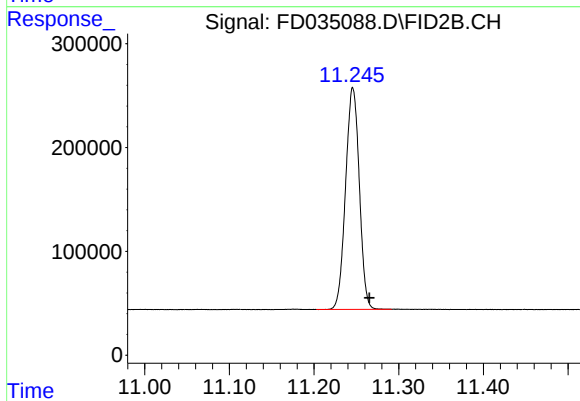
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.019 min
Response: 2351101
Conc: 20.43 ug/ml



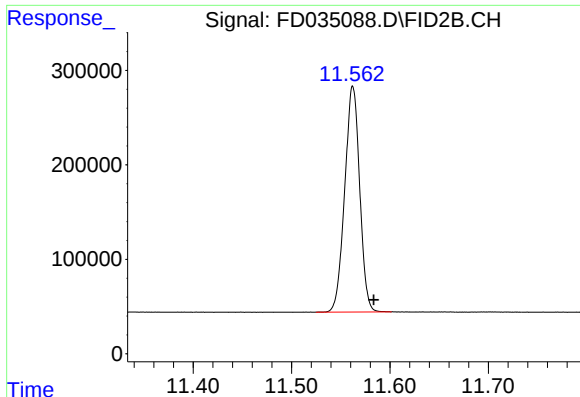
#7 n-Hexadecane (C16)

R.T.: 9.809 min
Delta R.T.: -0.019 min
Response: 2317575
Conc: 20.33 ug/ml



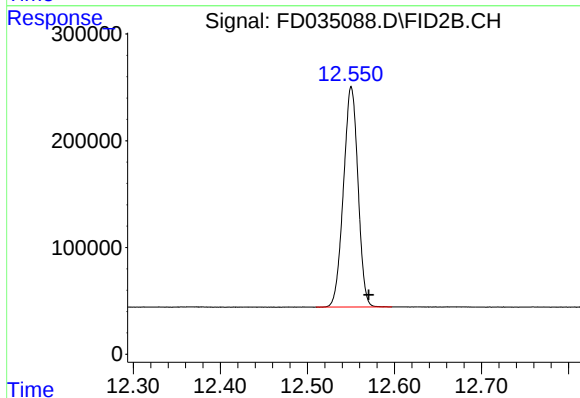
#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: -0.019 min
Response: 2405924
Conc: 20.22 ug/ml



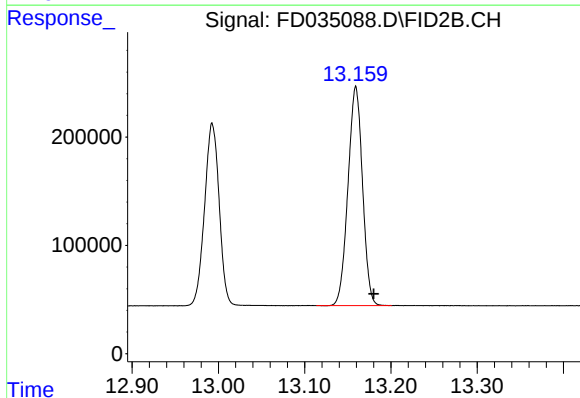
#9 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.021 min
Response: 2530087
Conc: 19.79 ug/ml



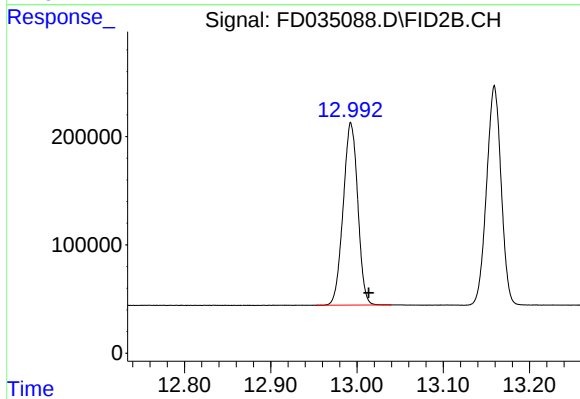
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.020 min
Response: 2396167
Conc: 19.87 ug/ml



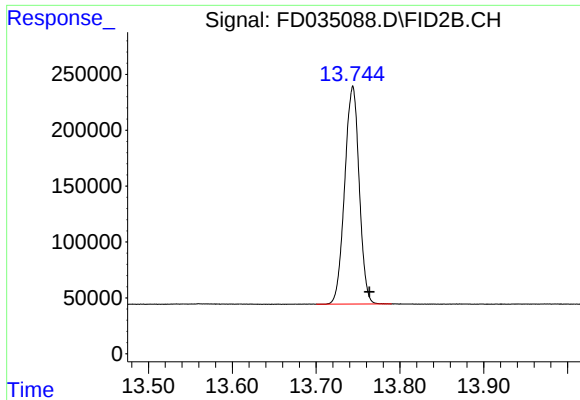
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.021 min
Response: 2367895
Conc: 19.65 ug/ml



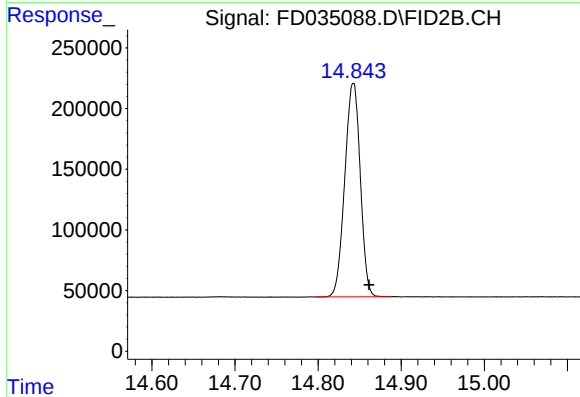
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.021 min
Response: 1974850
Conc: 19.62 ug/ml



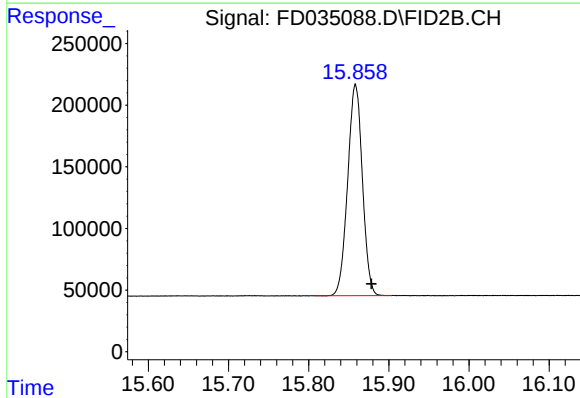
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.020 min
Response: 2344590
Conc: 19.48 ug/ml



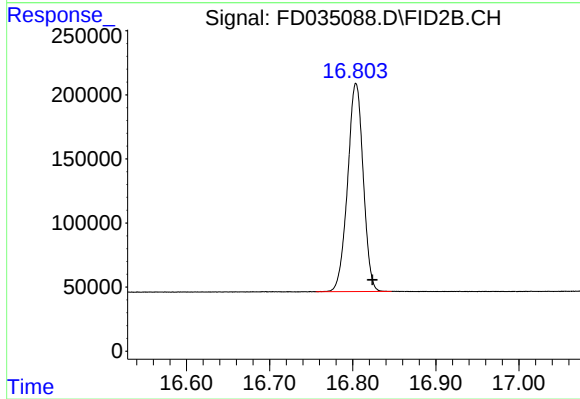
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.019 min
Response: 2283509
Conc: 18.97 ug/ml



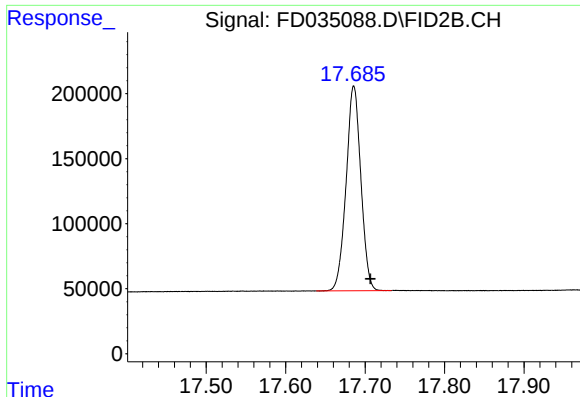
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.020 min
Response: 2187772
Conc: 18.47 ug/ml



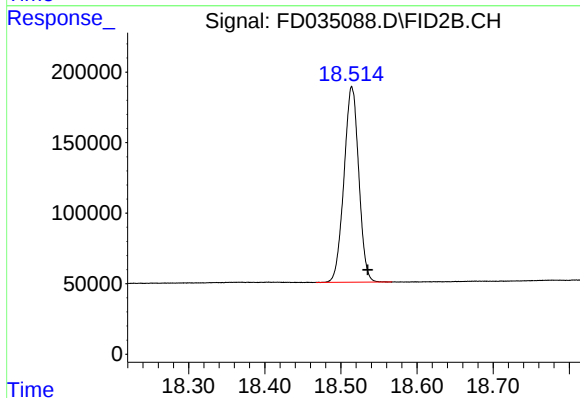
#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.020 min
Response: 2121598
Conc: 18.13 ug/ml



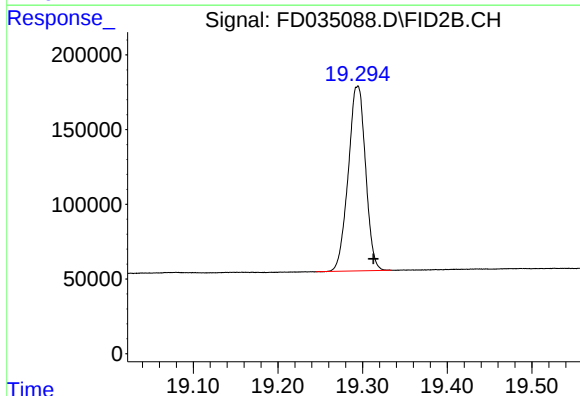
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.021 min
Response: 2032576
Conc: 17.99 ug/ml



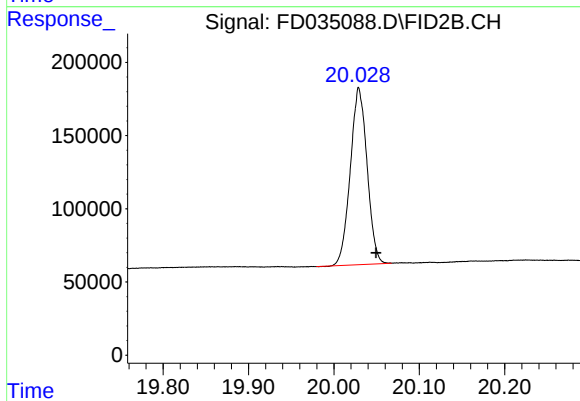
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.021 min
Response: 1872414
Conc: 17.86 ug/ml



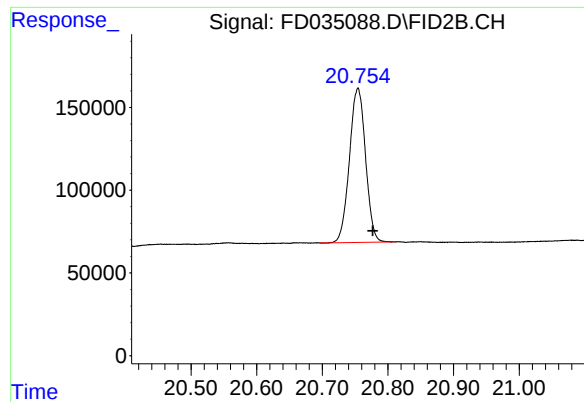
#19 n-Tetratriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.019 min
Response: 1756575
Conc: 18.38 ug/ml



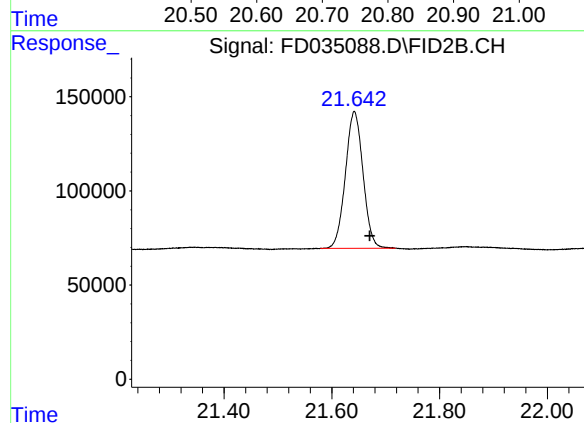
#20 n-Hexatriacontane (C36)

R.T.: 20.029 min
Delta R.T.: -0.020 min
Response: 1648143
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.023 min
Response: 1586642
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: -0.029 min
Response: 1650711
Conc: 18.80 ug/ml