

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082520AL\
 Data File : FD034535.D
 Signal(s) : FID2B.CH
 Acq On : 26 Aug 2020 3:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 26 05:41:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:13:24 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)	11.600	2503259	19.096 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	13.029	1998814	18.592 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.376	2485620	21.464 ug/ml
2) T n-Decane (C10)	4.444	2505708	21.532 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2720093	20.904 ug/ml
4) T n-Dodecane (C12)	6.459	2515143	21.320 ug/ml
5) T A~2-methylnaphthalene...	7.084	2743226	20.655 ug/ml
6) T n-Tetradecane (C14)	8.250	2451267	20.977 ug/ml
7) T n-Hexadecane (C16)	9.845	2370405	20.306 ug/ml
8) T n-Octadecane (C18)	11.281	2403861	19.723 ug/ml
10) T n-Eicosane (C20)	12.585	2356503	19.090 ug/ml
11) T n-Heneicosane (C21)	13.195	2317112	18.732 ug/ml
13) T n-Docosane (C22)	13.779	2287457	18.417 ug/ml
14) T n-Tetracosane (C24)	14.878	2245085	17.934 ug/ml
15) T n-Hexacosane (C26)	15.894	2243787	17.909 ug/ml
16) T n-Octacosane (C28)	16.840	2258584	17.882 ug/ml
17) T n-Tricontane (C30)	17.723	2202410	17.705 ug/ml
18) T n-Dotriacontane (C32)	18.550	2049624	17.799 ug/ml
19) T n-Tetratriacontane (C34)	19.329	1917779	17.617 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1826494	17.259 ug/ml
21) T n-Octatriacontane (C38)	20.795	1750237	18.198 ug/ml
22) T n-Tetracontane (C40)	21.698	1791327	18.569 ug/ml

(f)=RT Delta > 1/2 Window

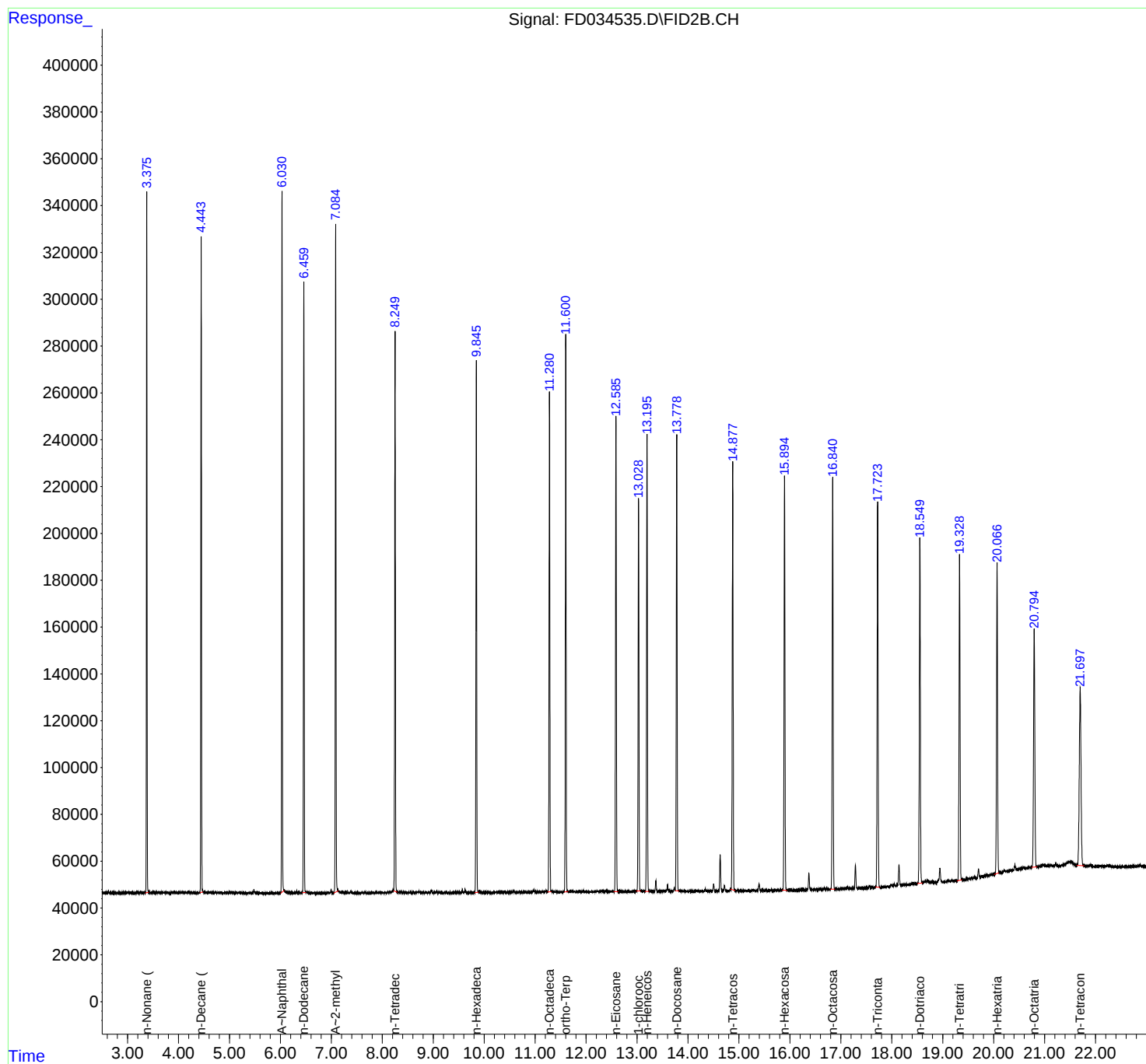
(m)=manual int.

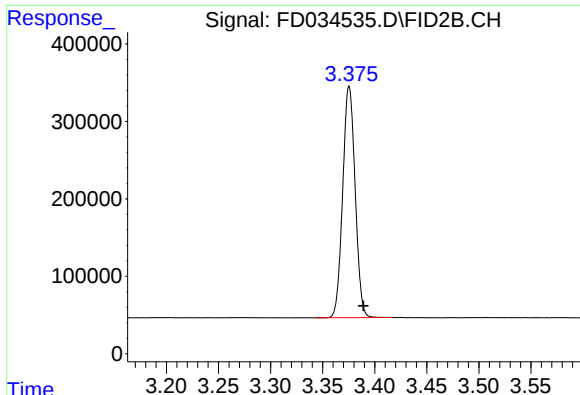
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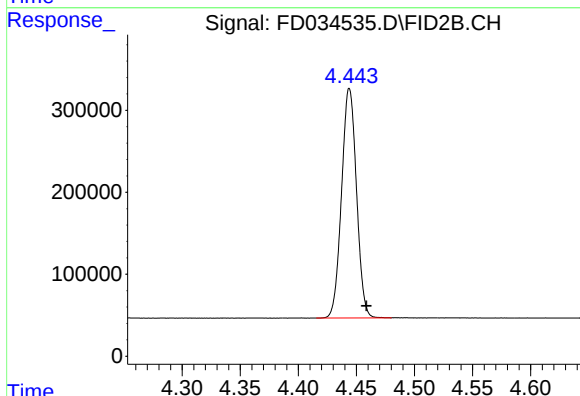




#1 n-Nonane (C9)

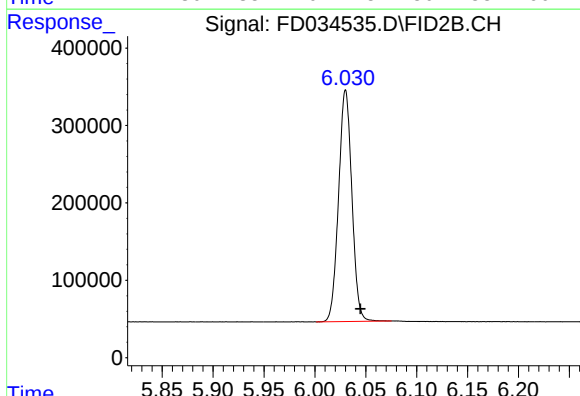
R.T.: 3.376 min
Delta R.T.: -0.013 min
Response: 2485620
Conc: 21.46 ug/ml

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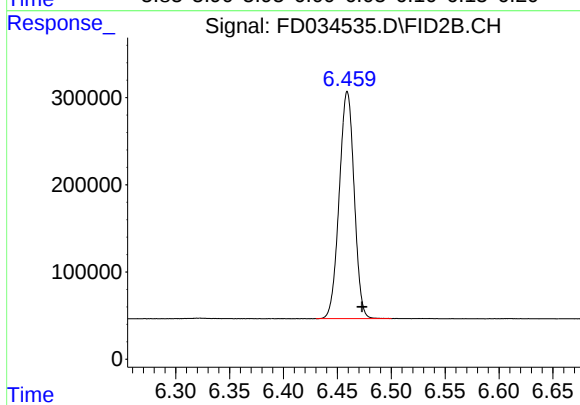
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.015 min
Response: 2505708
Conc: 21.53 ug/ml



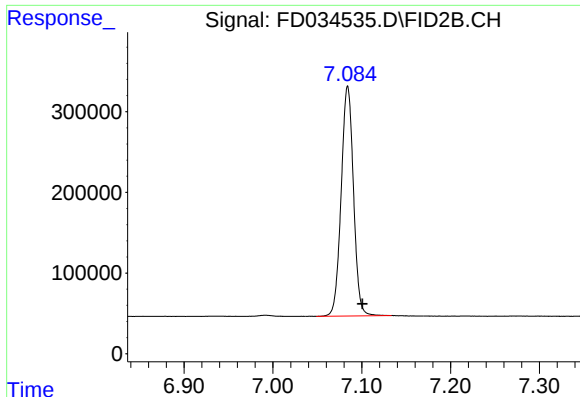
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.015 min
Response: 2720093
Conc: 20.90 ug/ml



#4 n-Dodecane (C12)

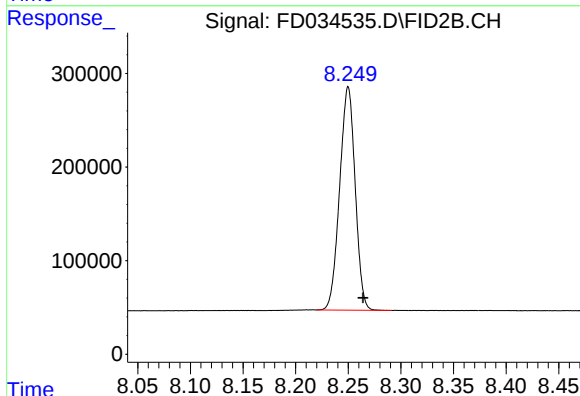
R.T.: 6.459 min
Delta R.T.: -0.014 min
Response: 2515143
Conc: 21.32 ug/ml



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

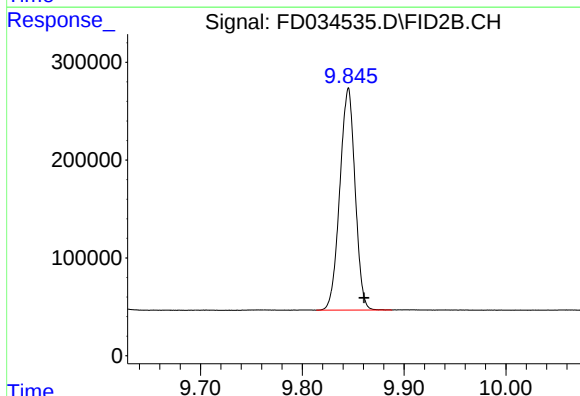
R.T.: 7.084 min
Delta R.T.: -0.016 min
Response: 2743226
Conc: 20.65 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



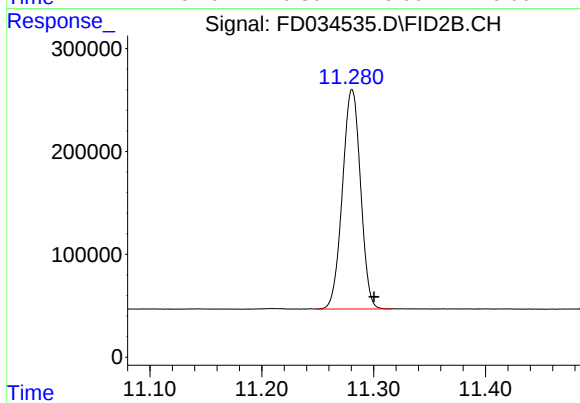
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.014 min
Response: 2451267
Conc: 20.98 ug/ml



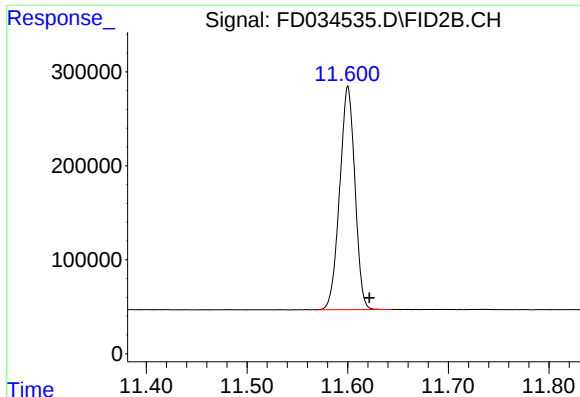
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.015 min
Response: 2370405
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

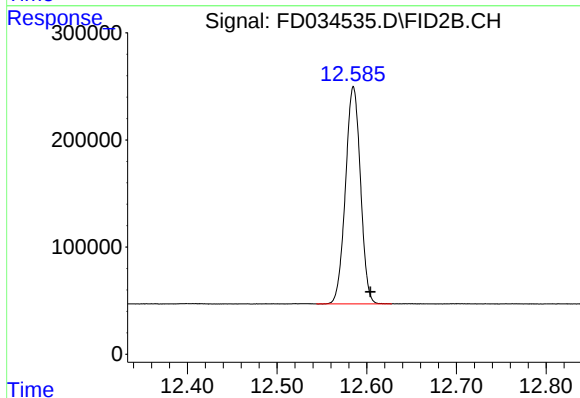
R.T.: 11.281 min
Delta R.T.: -0.020 min
Response: 2403861
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

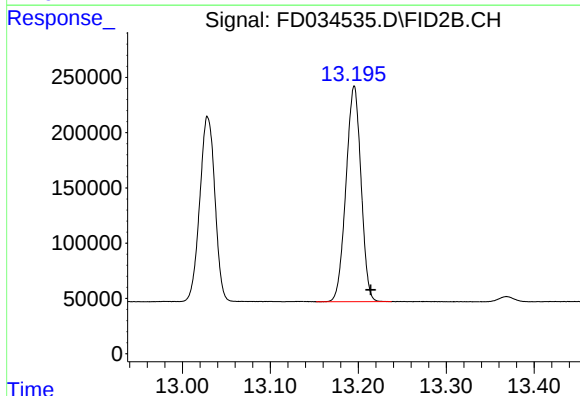
R.T.: 11.600 min
Delta R.T.: -0.021 min
Response: 2503259
Conc: 19.10 ug/ml

Instrument :
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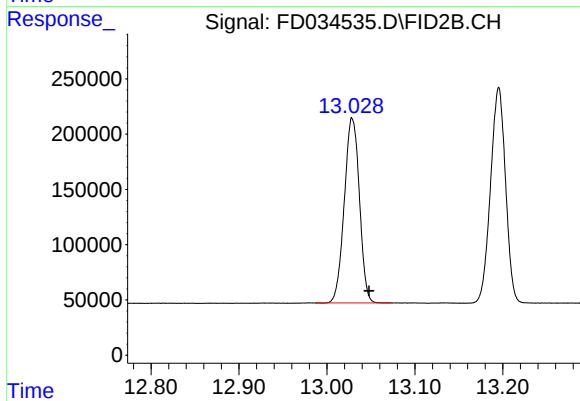
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: -0.019 min
Response: 2356503
Conc: 19.09 ug/ml



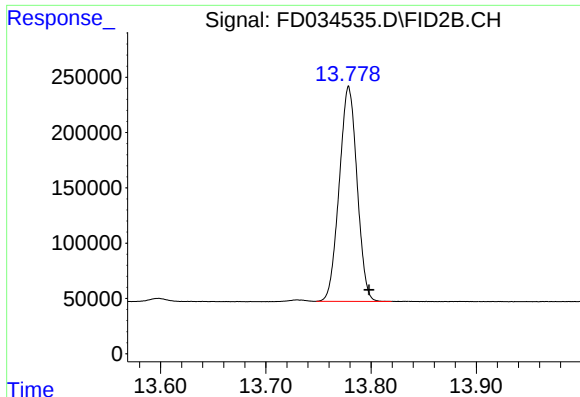
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: -0.019 min
Response: 2317112
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

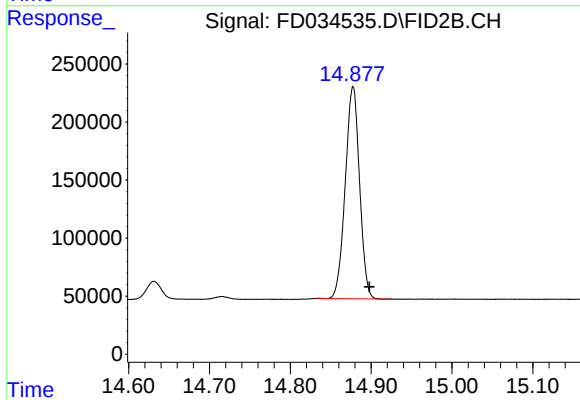
R.T.: 13.029 min
Delta R.T.: -0.019 min
Response: 1998814
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

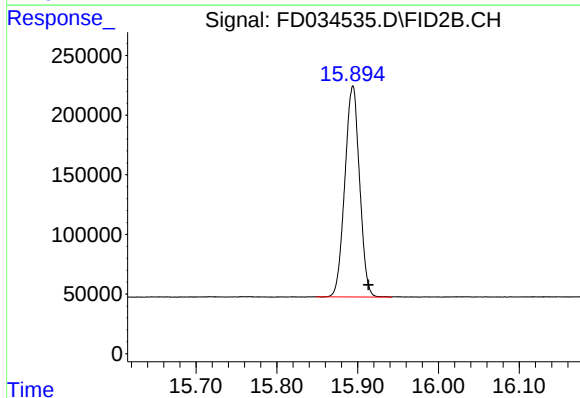
R.T.: 13.779 min
Delta R.T.: -0.019 min
Response: 2287457
Conc: 18.42 ug/ml

Instrument :
FID_D
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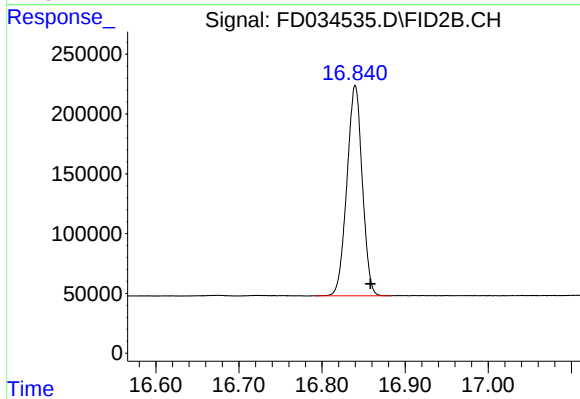
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.020 min
Response: 2245085
Conc: 17.93 ug/ml



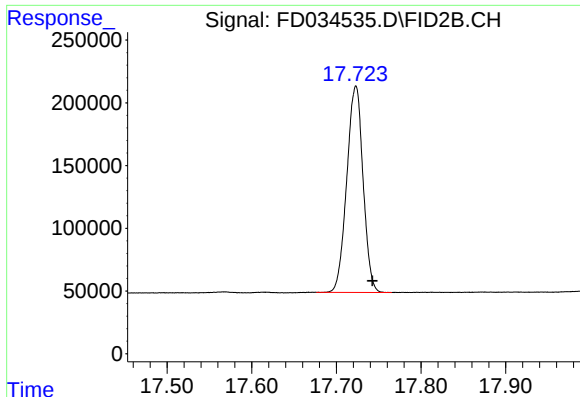
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: -0.019 min
Response: 2243787
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

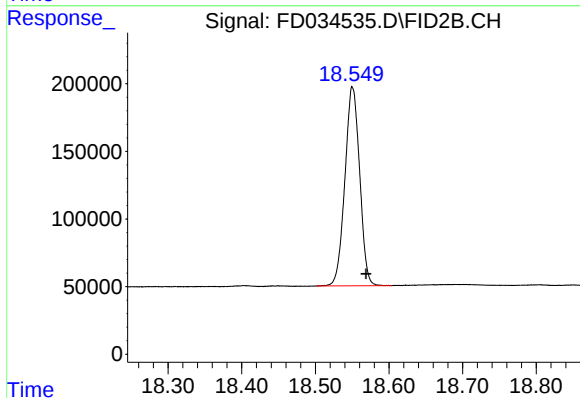
R.T.: 16.840 min
Delta R.T.: -0.018 min
Response: 2258584
Conc: 17.88 ug/ml



#17 n-Tricontane (C30)

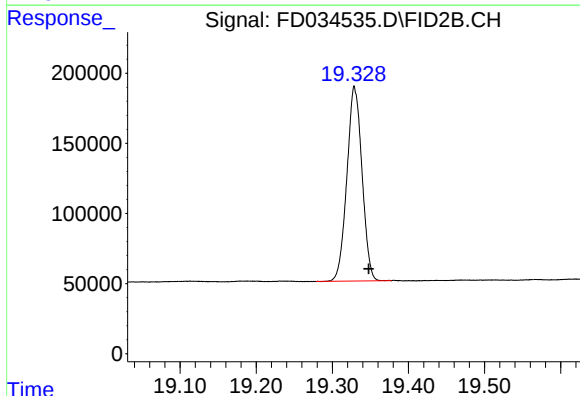
R.T.: 17.723 min
Delta R.T.: -0.019 min
Response: 2202410
Conc: 17.70 ug/ml

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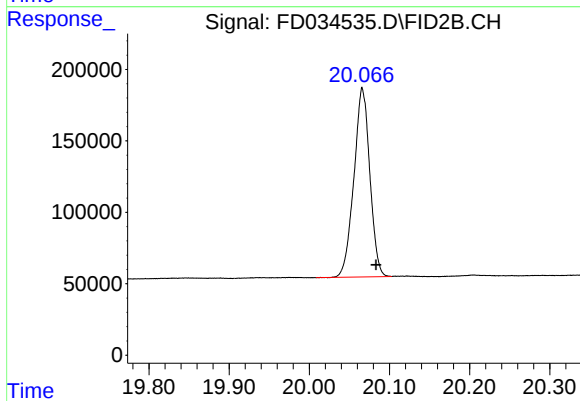
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.018 min
Response: 2049624
Conc: 17.80 ug/ml



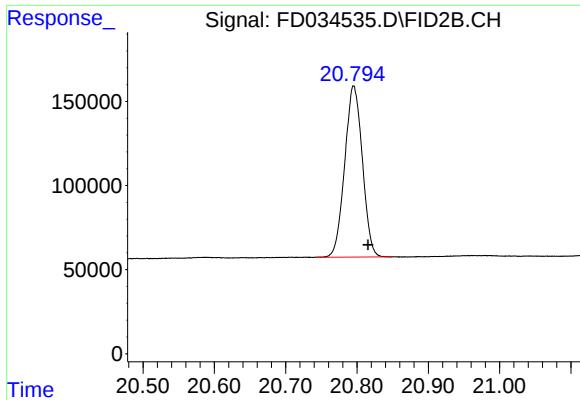
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.019 min
Response: 1917779
Conc: 17.62 ug/ml



#20 n-Hexatriacontane (C36)

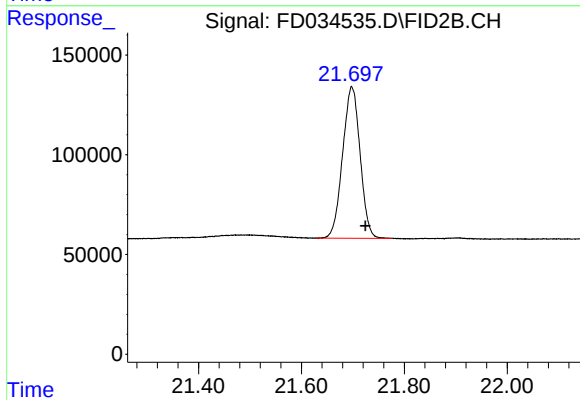
R.T.: 20.066 min
Delta R.T.: -0.017 min
Response: 1826494
Conc: 17.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.020 min
Response: 1750237
Conc: 18.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.026 min
Response: 1791327
Conc: 18.57 ug/ml