

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112020AL\
 Data File : FD035581.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2020 11:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 20 23:06:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.524	2697370	20.735 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
12) S 1-chlorooctadecane (S...	12.956	2129882	20.437 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T n-Nonane (C9)	3.313	2465971	21.900 ug/ml
2) T n-Decane (C10)	4.378	2513682	22.244 ug/ml
3) T A~Naphthalene (C11.7)	5.960	2700273	22.080 ug/ml
4) T n-Dodecane (C12)	6.389	2576753	22.287 ug/ml
5) T A~2-methylnaphthalene...	7.012	2781738	22.232 ug/ml
6) T n-Tetradecane (C14)	8.178	2577036	22.377 ug/ml
7) T n-Hexadecane (C16)	9.772	2530507	22.146 ug/ml
8) T n-Octadecane (C18)	11.209	2608927	21.619 ug/ml
10) T n-Eicosane (C20)	12.513	2579075	21.031 ug/ml
11) T n-Heneicosane (C21)	13.123	2539065	20.652 ug/ml
13) T n-Docosane (C22)	13.706	2519830	20.435 ug/ml
14) T n-Tetracosane (C24)	14.805	2461197	19.894 ug/ml
15) T n-Hexacosane (C26)	15.821	2395768	19.464 ug/ml
16) T n-Octacosane (C28)	16.766	2359105	19.161 ug/ml
17) T n-Tricontane (C30)	17.650	2314453	19.151 ug/ml
18) T n-Dotriacontane (C32)	18.476	2166682	19.270 ug/ml
19) T n-Tetratriacontane (C34)	19.256	2017138	19.218 ug/ml
20) T n-Hexatriacontane (C36)	19.992	1876154	19.585 ug/ml
21) T n-Octatriacontane (C38)	20.711	1678822	18.900 ug/ml
22) T n-Tetracontane (C40)	21.588	1614775	18.399 ug/ml

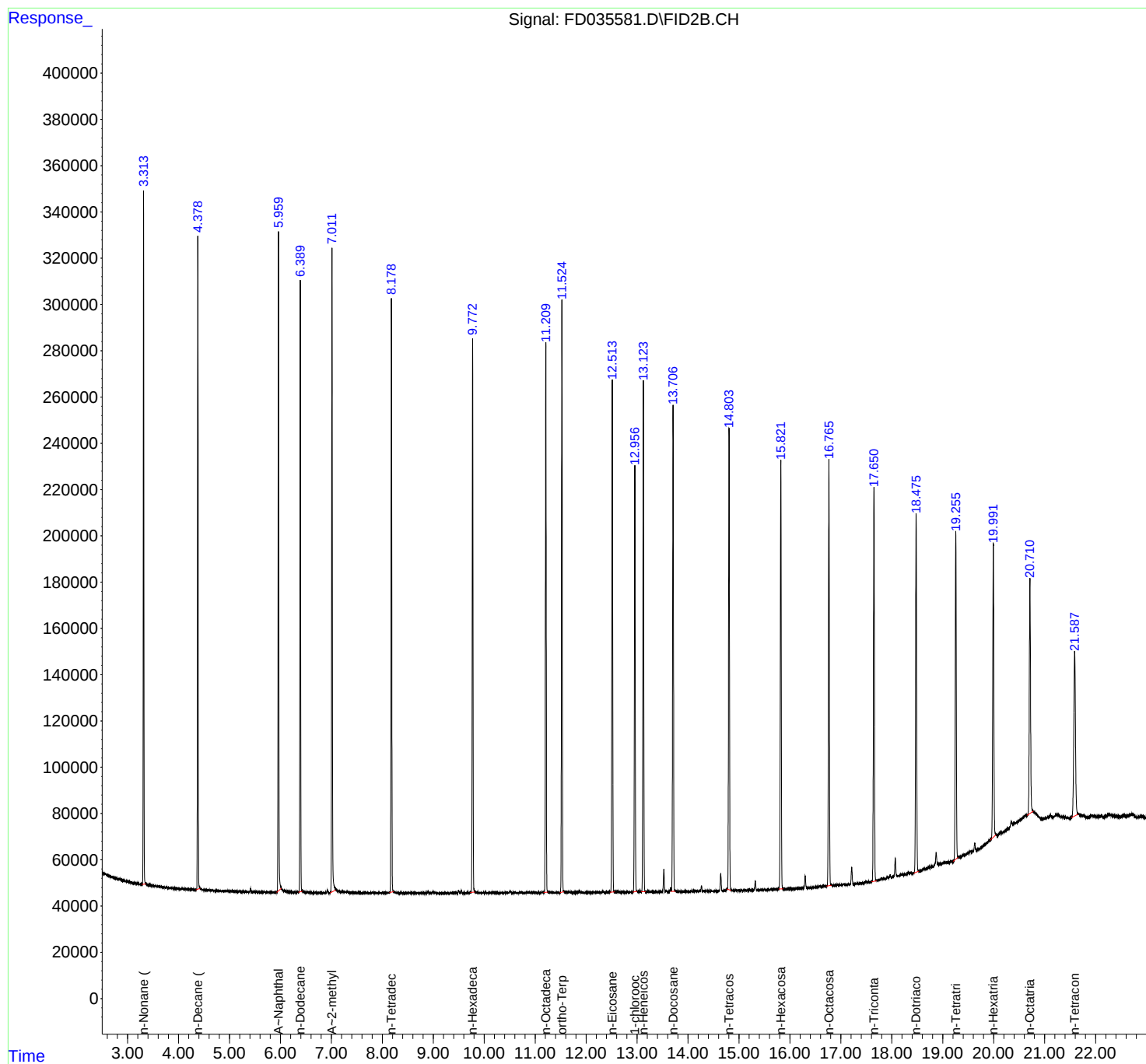
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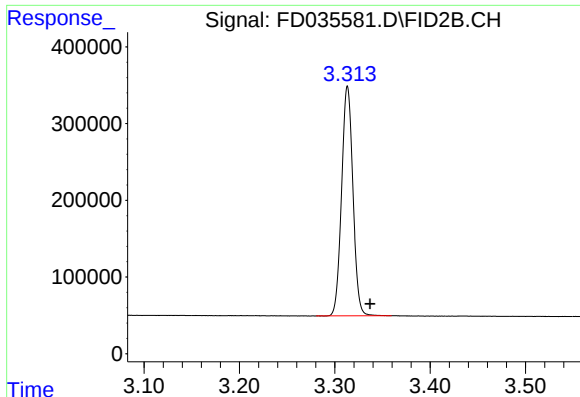
(m)=manual int.

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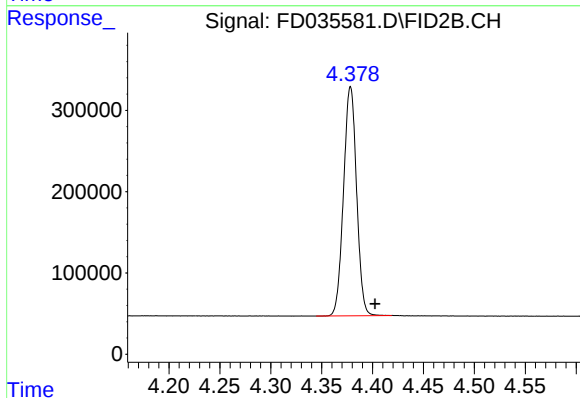
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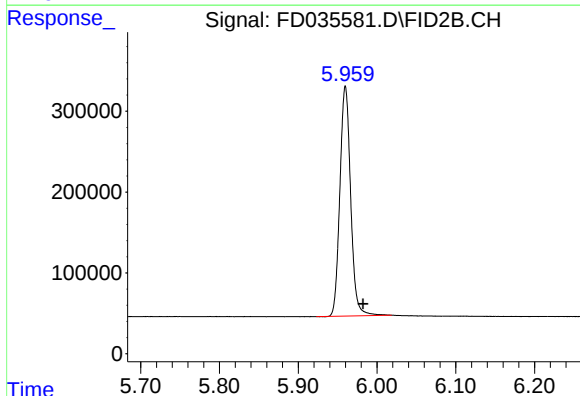
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.024 min
Response: 2465971
Conc: 21.90 ug/ml



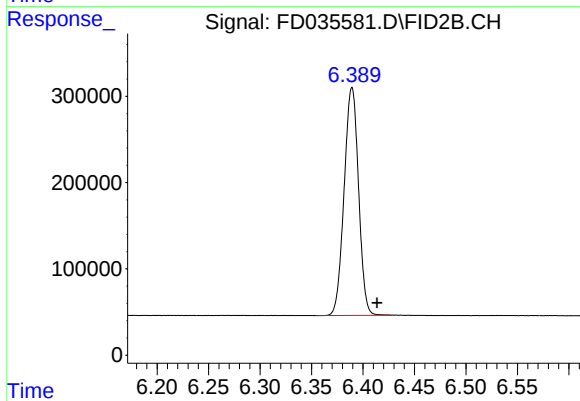
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.024 min
Response: 2513682
Conc: 22.24 ug/ml



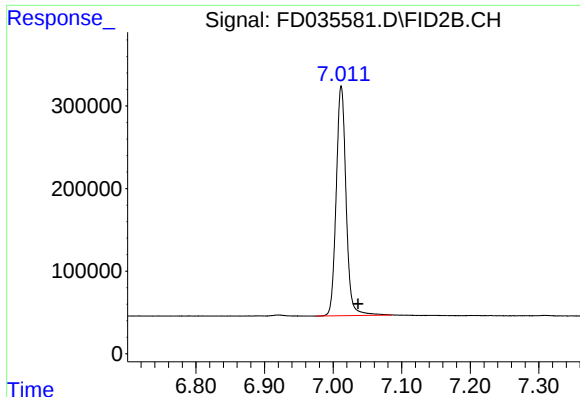
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.023 min
Response: 2700273
Conc: 22.08 ug/ml



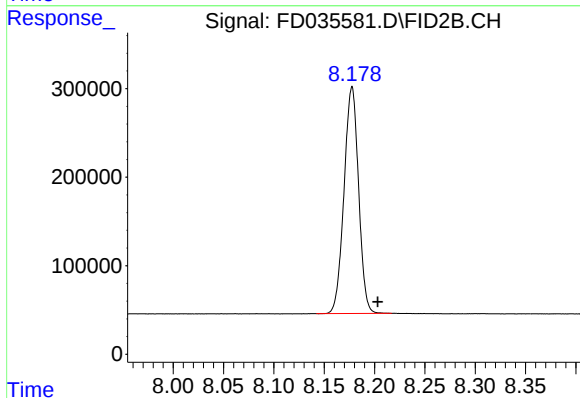
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.024 min
Response: 2576753
Conc: 22.29 ug/ml



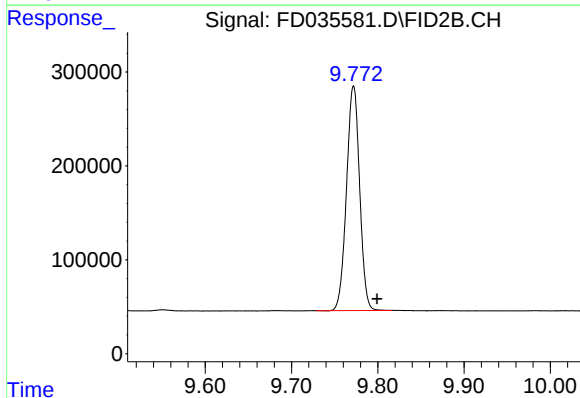
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.024 min
Response: 2781738
Conc: 22.23 ug/ml



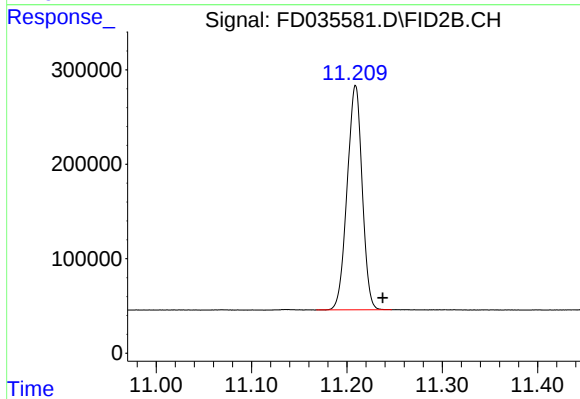
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.026 min
Response: 2577036
Conc: 22.38 ug/ml



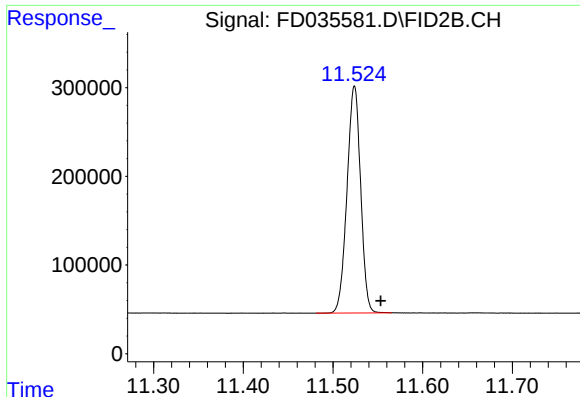
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.027 min
Response: 2530507
Conc: 22.15 ug/ml



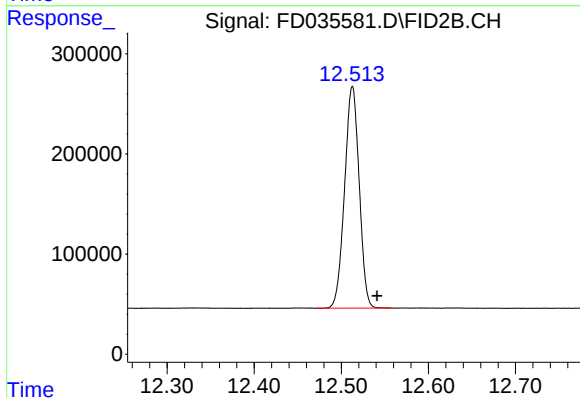
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.028 min
Response: 2608927
Conc: 21.62 ug/ml



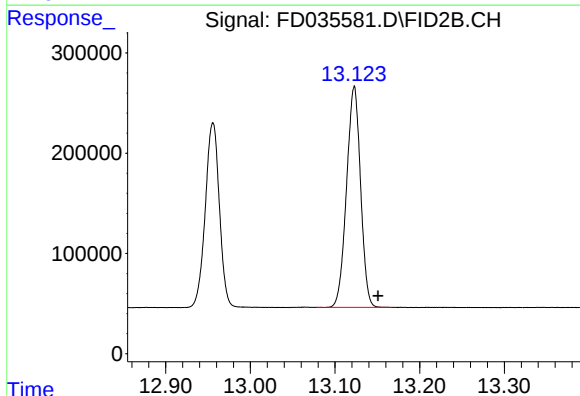
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.029 min
Response: 2697370
Conc: 20.74 ug/ml



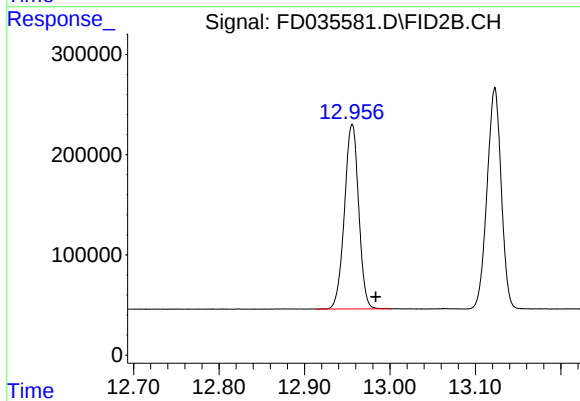
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.028 min
Response: 2579075
Conc: 21.03 ug/ml



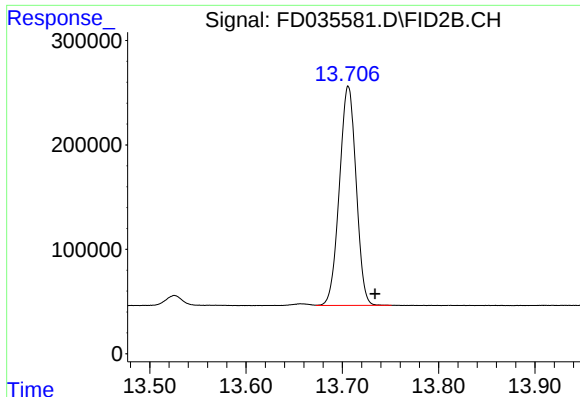
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.028 min
Response: 2539065
Conc: 20.65 ug/ml



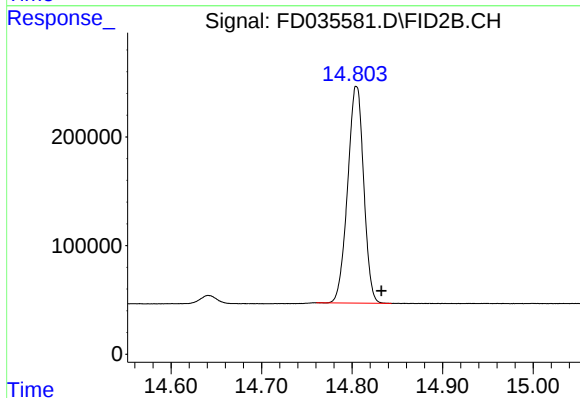
#12 1-chlorooctadecane (SURR)

R.T.: 12.956 min
Delta R.T.: -0.027 min
Response: 2129882
Conc: 20.44 ug/ml



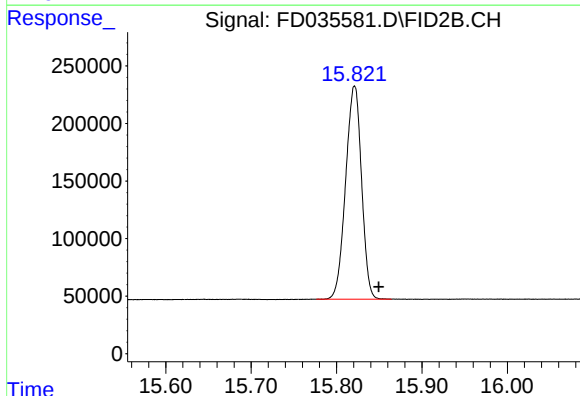
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: -0.028 min
Response: 2519830
Conc: 20.44 ug/ml



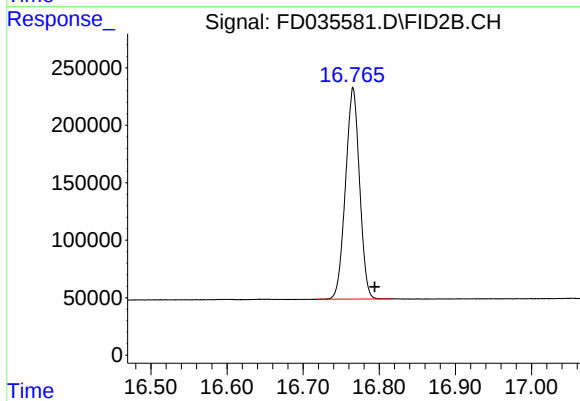
#14 n-Tetracosane (C24)

R.T.: 14.805 min
Delta R.T.: -0.027 min
Response: 2461197
Conc: 19.89 ug/ml



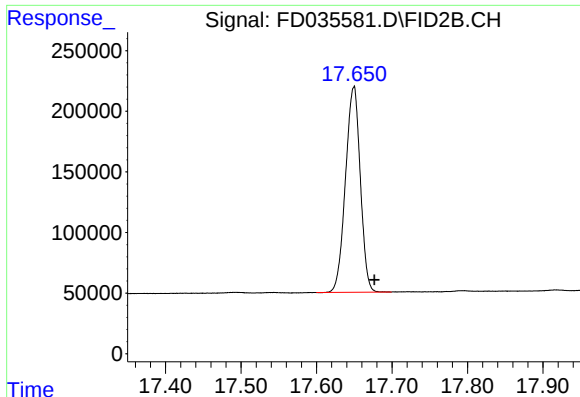
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: -0.028 min
Response: 2395768
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.028 min
Response: 2359105
Conc: 19.16 ug/ml



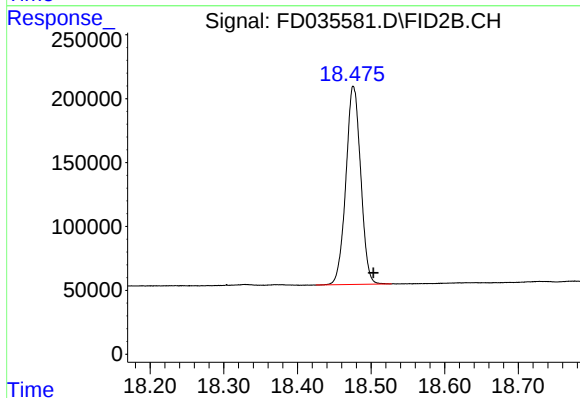
#17 n-Tricontane (C30)

R.T.: 17.650 min

Delta R.T.: -0.027 min

Response: 2314453

Conc: 19.15 ug/ml



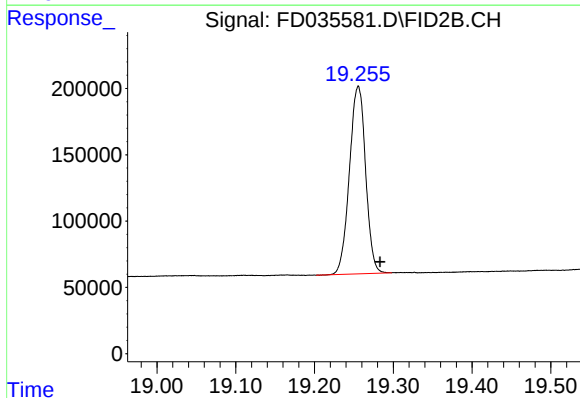
#18 n-Dotriacontane (C32)

R.T.: 18.476 min

Delta R.T.: -0.027 min

Response: 2166682

Conc: 19.27 ug/ml



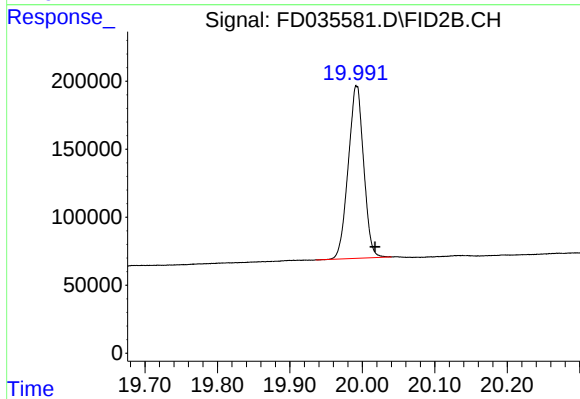
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min

Delta R.T.: -0.028 min

Response: 2017138

Conc: 19.22 ug/ml



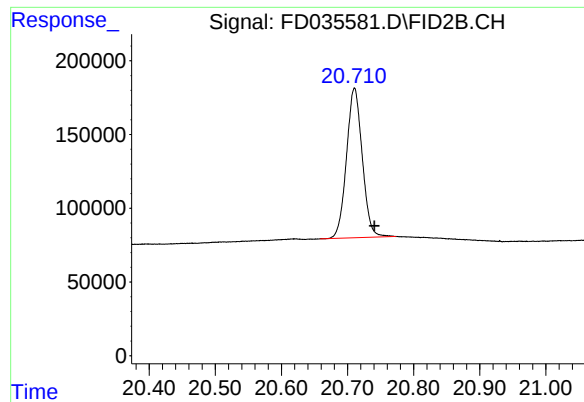
#20 n-Hexatriacontane (C36)

R.T.: 19.992 min

Delta R.T.: -0.026 min

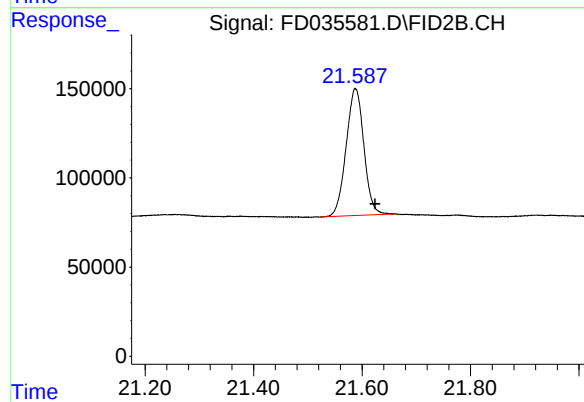
Response: 1876154

Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.030 min
Response: 1678822
Conc: 18.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.036 min
Response: 1614775
Conc: 18.40 ug/ml