

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020422AL\
 Data File : FE034843.D
 Signal(s) : FID1B.CH
 Acq On : 04 Feb 2022 12:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 04 22:03:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 2022
 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)	11.063	2509360	19.556 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
12) S 1-chlorooctadecane (S...	12.498	1900209	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	2.910	2296998	20.149 ug/ml
2) T n-Decane (C10)	3.941	2333940	20.294 ug/ml
3) T A~Naphthalene (C11.7)	5.502	2578186	20.090 ug/ml
4) T n-Dodecane (C12)	5.937	2314243	20.169 ug/ml
5) T A~2-methylnaphthalene...	6.550	2578293	20.005 ug/ml
6) T n-Tetradecane (C14)	7.724	2325114	20.099 ug/ml
7) T n-Hexadecane (C16)	9.318	2297561	20.050 ug/ml
8) T n-Octadecane (C18)	10.754	2297604	19.945 ug/ml
10) T n-Eicosane (C20)	12.058	2216414	19.803 ug/ml
11) T n-Heneicosane (C21)	12.667	2211530	19.737 ug/ml
13) T n-Docosane (C22)	13.250	2158031	19.591 ug/ml
14) T n-Tetracosane (C24)	14.349	2125808	19.622 ug/ml
15) T n-Hexacosane (C26)	15.365	2065245	19.742 ug/ml
16) T n-Octacosane (C28)	16.310	2074561	20.326 ug/ml
17) T n-Tricontane (C30)	17.194	2107506	21.325 ug/ml
18) T n-Dotriacontane (C32)	18.023	2020048	21.994 ug/ml
19) T n-Tetratriacontane (C34)	18.804	1901362	21.829 ug/ml
20) T n-Hexatriacontane (C36)	19.541	1764608	21.448 ug/ml
21) T n-Octatriacontane (C38)	20.248	1669655	21.063 ug/ml
22) T n-Tetracontane (C40)	21.080	1743575	21.618 ug/ml

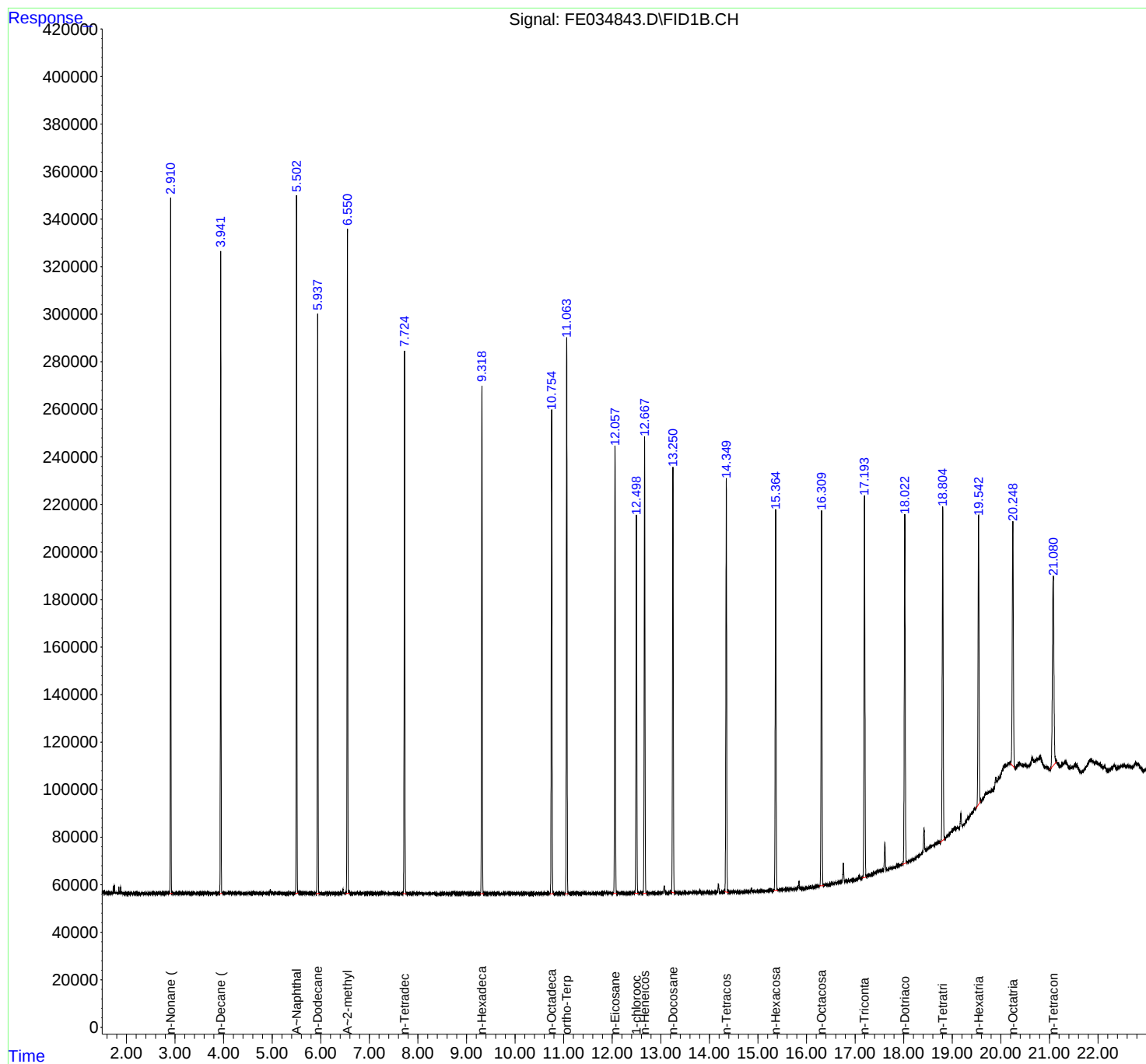
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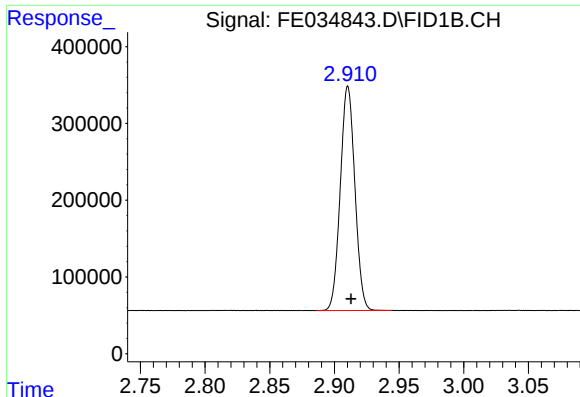
(m)=manual int.

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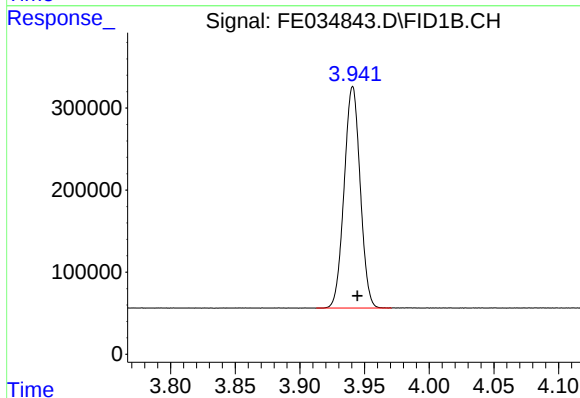
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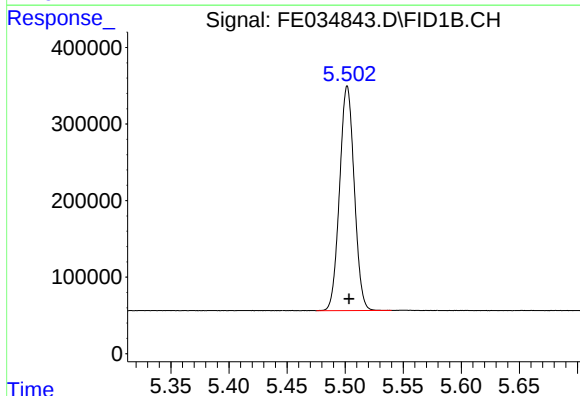
#1 n-Nonane (C9)

R.T.: 2.910 min
Delta R.T.: -0.002 min
Response: 2296998
Conc: 20.15 ug/ml



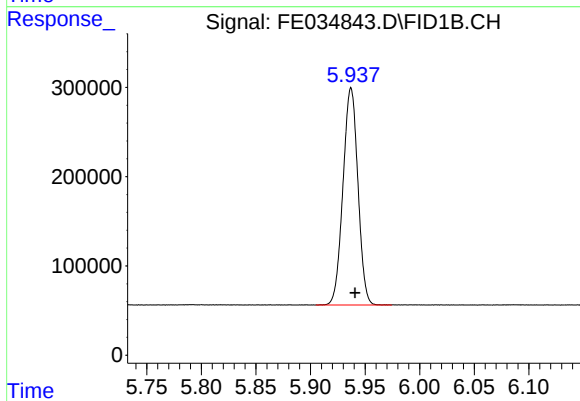
#2 n-Decane (C10)

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 2333940
Conc: 20.29 ug/ml



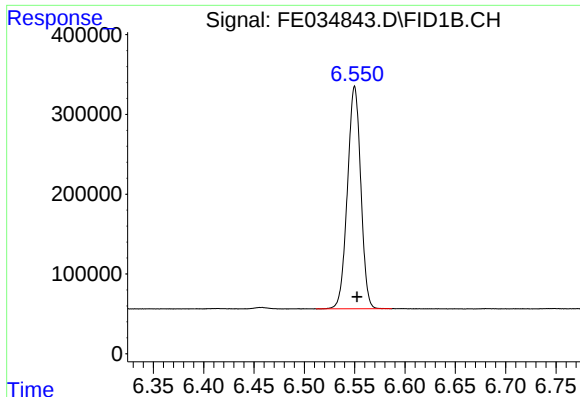
#3 A~Naphthalene (C11.7)

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 2578186
Conc: 20.09 ug/ml



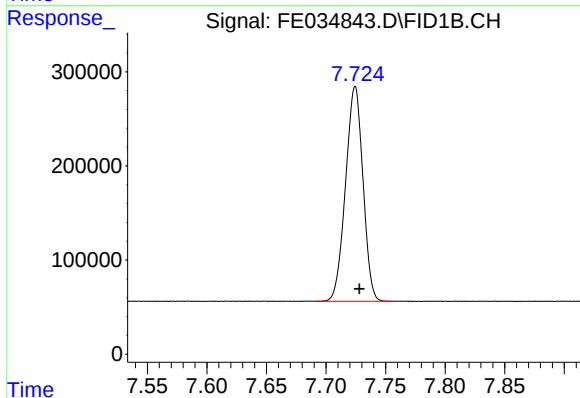
#4 n-Dodecane (C12)

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 2314243
Conc: 20.17 ug/ml



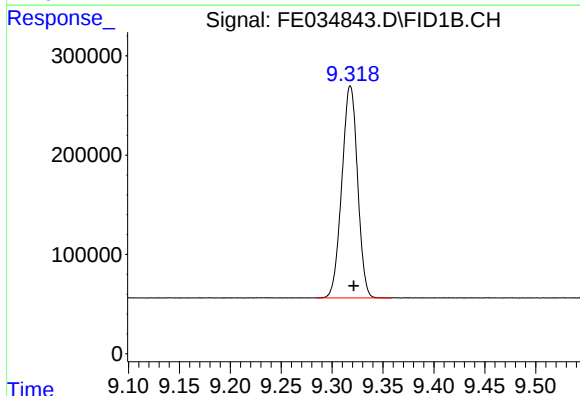
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.550 min
Delta R.T.: -0.002 min
Response: 2578293
Conc: 20.01 ug/ml



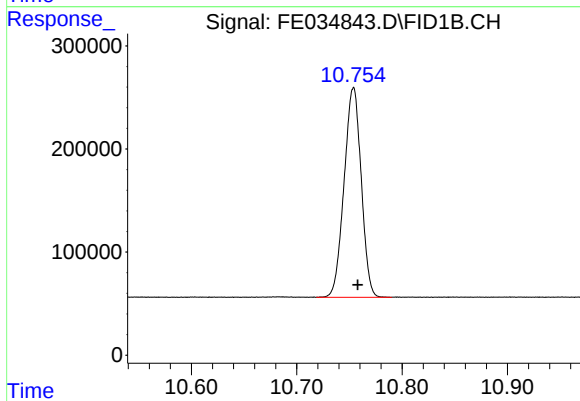
#6 n-Tetradecane (C14)

R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 2325114
Conc: 20.10 ug/ml



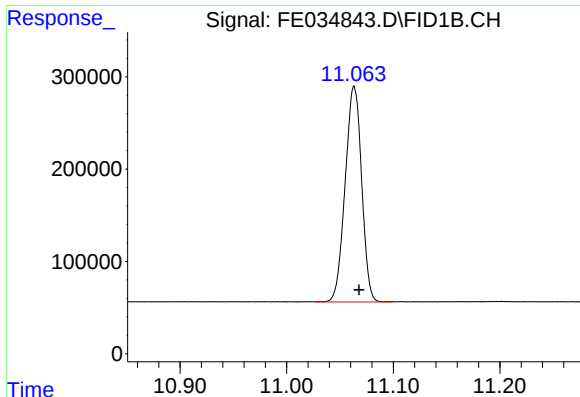
#7 n-Hexadecane (C16)

R.T.: 9.318 min
Delta R.T.: -0.003 min
Response: 2297561
Conc: 20.05 ug/ml



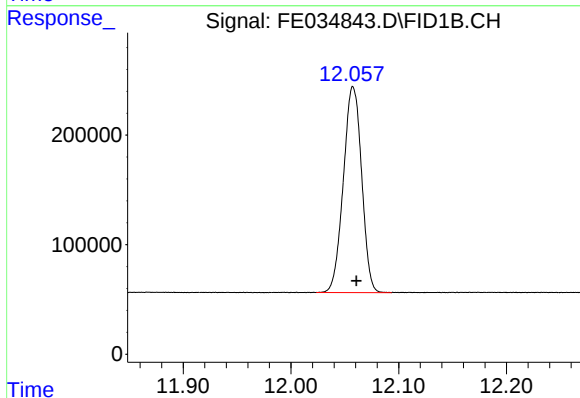
#8 n-Octadecane (C18)

R.T.: 10.754 min
Delta R.T.: -0.004 min
Response: 2297604
Conc: 19.94 ug/ml



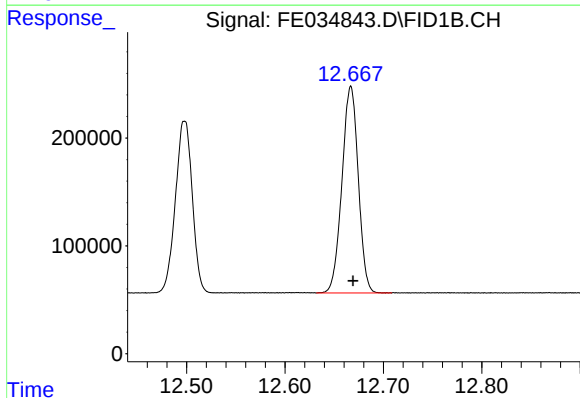
#9 ortho-Terphenyl (SURR)

R.T.: 11.063 min
Delta R.T.: -0.005 min
Response: 2509360
Conc: 19.56 ug/ml



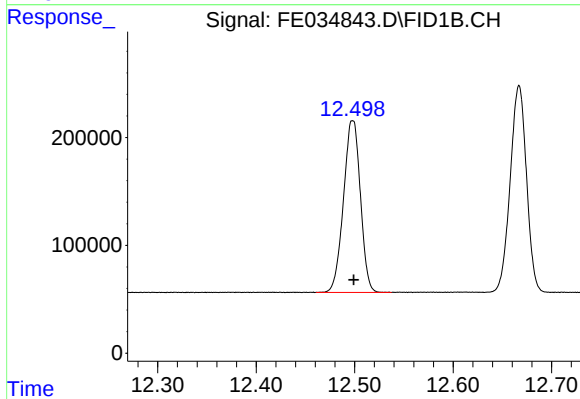
#10 n-Eicosane (C20)

R.T.: 12.058 min
Delta R.T.: -0.003 min
Response: 2216414
Conc: 19.80 ug/ml



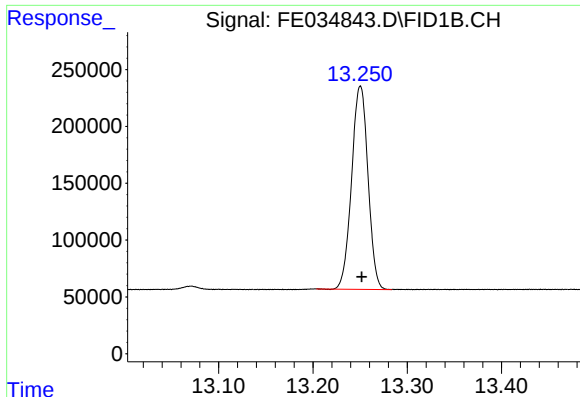
#11 n-Heneicosane (C21)

R.T.: 12.667 min
Delta R.T.: -0.002 min
Response: 2211530
Conc: 19.74 ug/ml



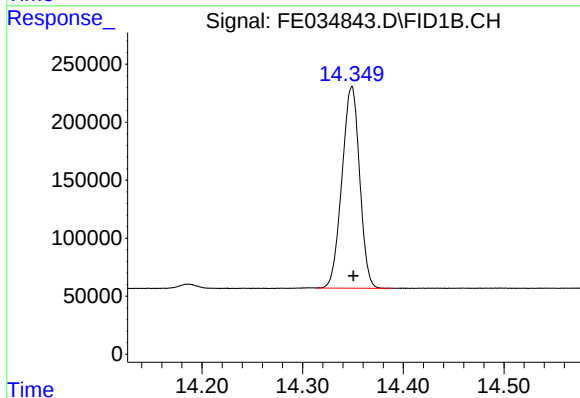
#12 1-chlorooctadecane (SURR)

R.T.: 12.498 min
Delta R.T.: -0.001 min
Response: 1900209
Conc: 19.69 ug/ml



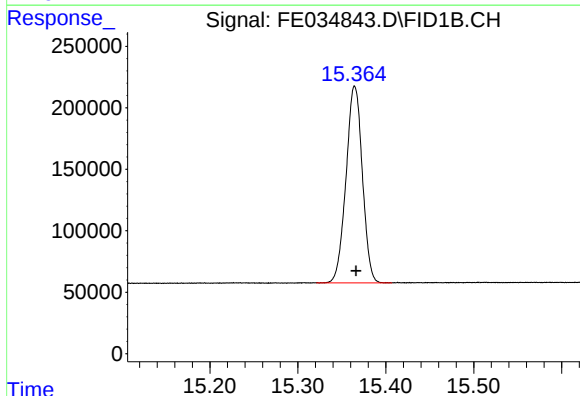
#13 n-Docosane (C22)

R.T.: 13.250 min
Delta R.T.: -0.002 min
Response: 2158031
Conc: 19.59 ug/ml



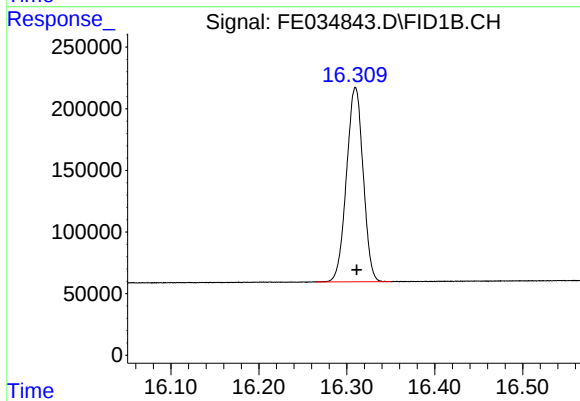
#14 n-Tetracosane (C24)

R.T.: 14.349 min
Delta R.T.: -0.001 min
Response: 2125808
Conc: 19.62 ug/ml



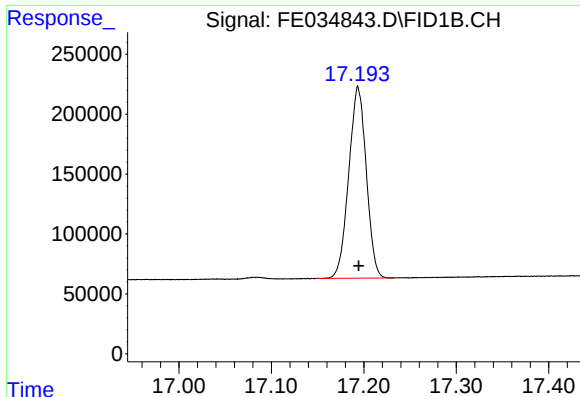
#15 n-Hexacosane (C26)

R.T.: 15.365 min
Delta R.T.: -0.002 min
Response: 2065245
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.310 min
Delta R.T.: -0.001 min
Response: 2074561
Conc: 20.33 ug/ml



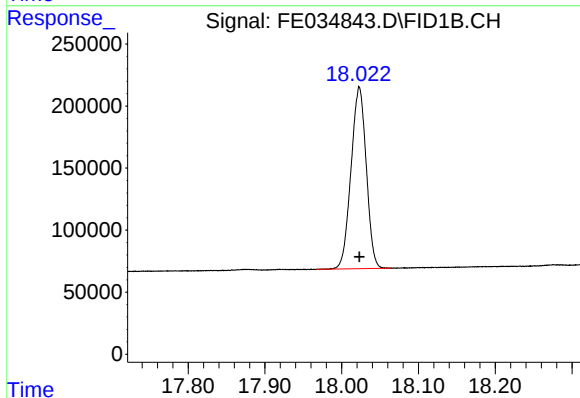
#17 n-Tricontane (C30)

R.T.: 17.194 min

Delta R.T.: 0.000 min

Response: 2107506

Conc: 21.33 ug/ml



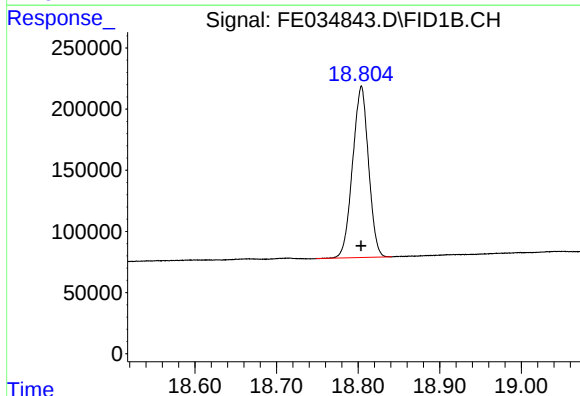
#18 n-Dotriacontane (C32)

R.T.: 18.023 min

Delta R.T.: 0.000 min

Response: 2020048

Conc: 21.99 ug/ml



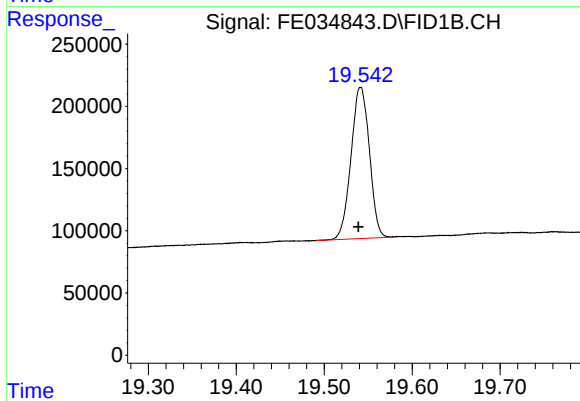
#19 n-Tetratriacontane (C34)

R.T.: 18.804 min

Delta R.T.: 0.000 min

Response: 1901362

Conc: 21.83 ug/ml



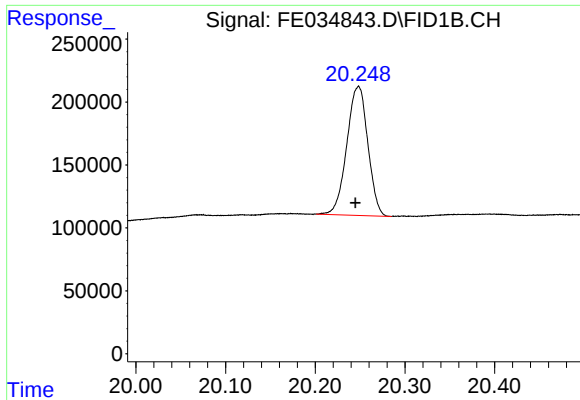
#20 n-Hexatriacontane (C36)

R.T.: 19.541 min

Delta R.T.: 0.002 min

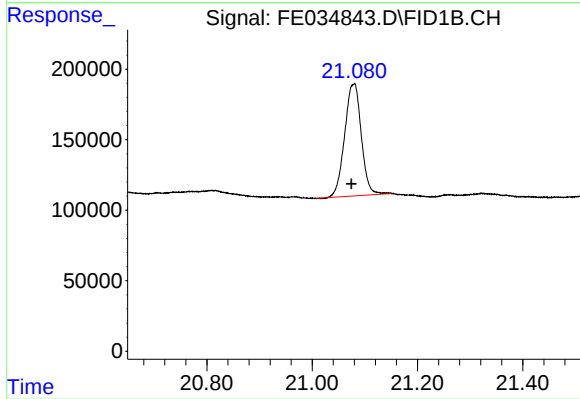
Response: 1764608

Conc: 21.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.248 min
Delta R.T.: 0.003 min
Response: 1669655
Conc: 21.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.080 min
Delta R.T.: 0.006 min
Response: 1743575
Conc: 21.62 ug/ml