

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072221AL\
 Data File : FE034139.D
 Signal(s) : FID1B.CH
 Acq On : 22 Jul 2021 14:27
 Operator : DD\AJ
 Sample : M2940-08
 Misc : LOQ 5 PPM
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 01:18:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:24:30 2021
 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			
12) S 1-chlorooctadecane (S...	13.031	16701834	47.940 ug/ml
Spiked Amount 50.000		Recovery =	95.88%
Target Compounds			
1) T n-Nonane (C9)	3.384	1669047	4.334 ug/ml
2) T n-Decane (C10)	4.425	1660699	4.283 ug/ml
4) T n-Dodecane (C12)	6.429	1679448	4.261 ug/ml
6) T n-Tetradecane (C14)	8.223	1757309	4.346 ug/ml
7) T n-Hexadecane (C16)	9.823	1813516	4.434 ug/ml
8) T n-Octadecane (C18)	11.264	1967161	4.627 ug/ml
10) T n-Eicosane (C20)	12.574	1949706	4.600 ug/ml
11) T n-Heneicosane (C21)	13.186	1958276	4.571 ug/ml
13) T n-Docosane (C22)	13.772	1951806	4.597 ug/ml
14) T n-Tetracosane (C24)	14.876	1926812	4.539 ug/ml
15) T n-Hexacosane (C26)	15.897	1905754	4.609 ug/ml
16) T n-Octacosane (C28)	16.847	1865723	4.625 ug/ml
17) T n-Tricontane (C30)	17.735	1787409	4.603 ug/ml
18) T n-Dotriacontane (C32)	18.568	1669958	4.585 ug/ml
19) T n-Tetratriacontane (C34)	19.353	1532214	4.474 ug/ml
20) T n-Hexatriacontane (C36)	20.094	1317811	4.244 ug/ml
21) T n-Octatriacontane (C38)	20.830	1132074	4.015 ug/ml
22) T n-Tetracontane (C40)	21.741	884740	3.428 ug/ml

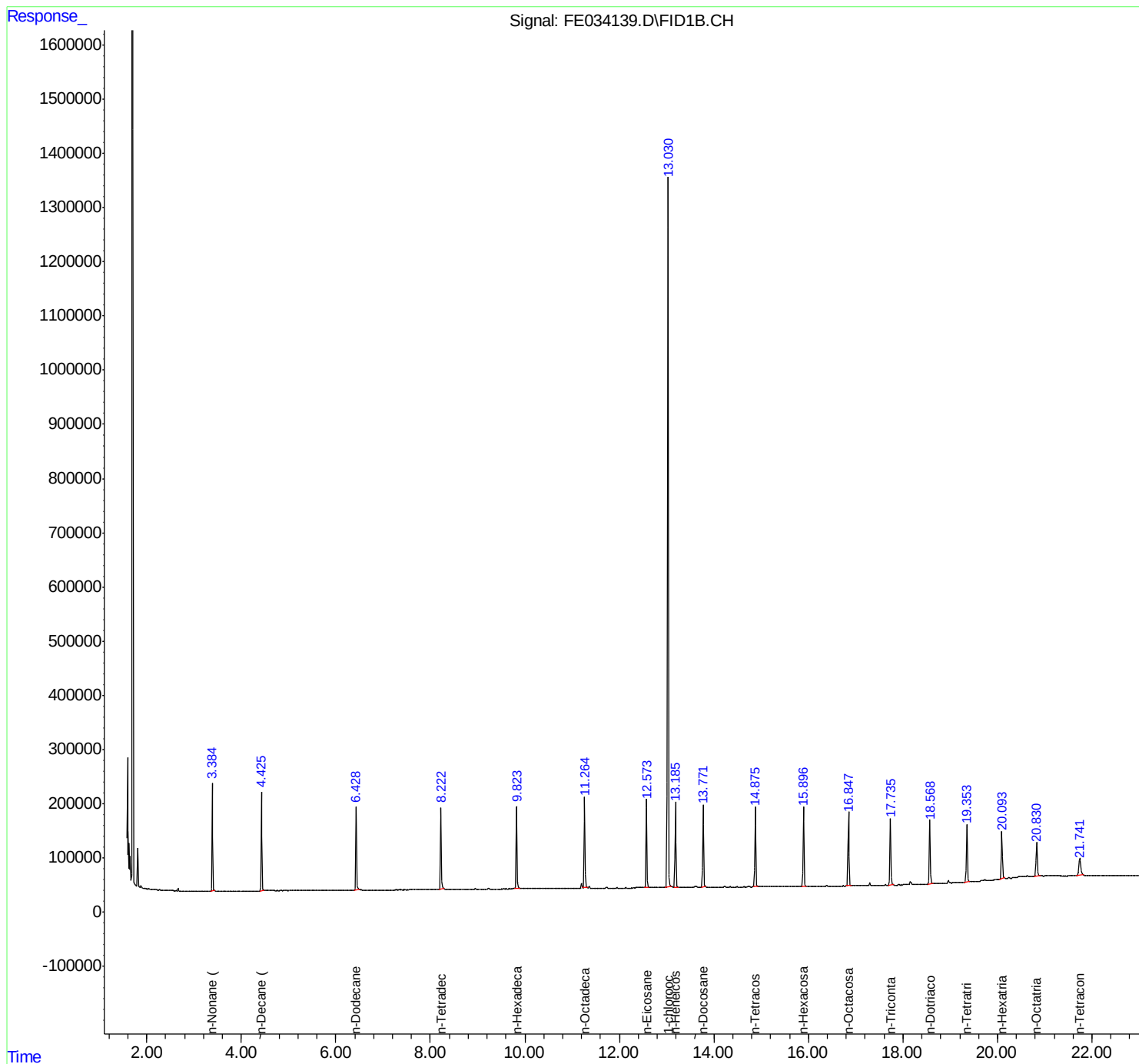
(f)=RT Delta > 1/2 Window

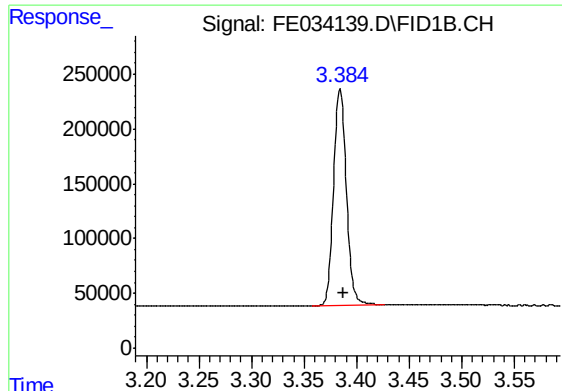
(m)=manual int.

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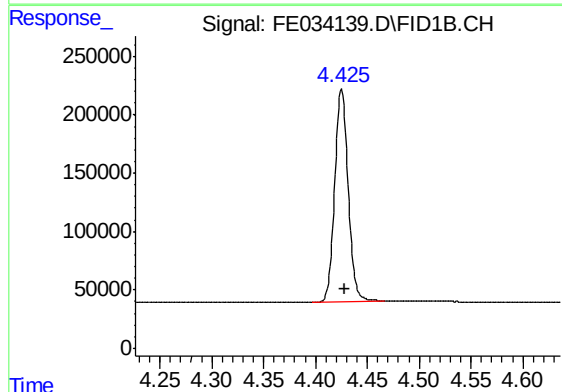
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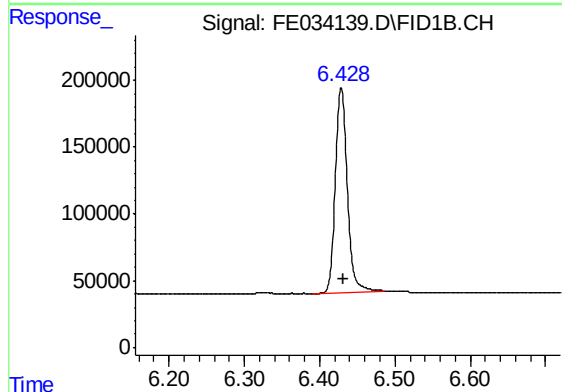
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.004 min
Response: 1669047
Conc: 4.33 ug/ml



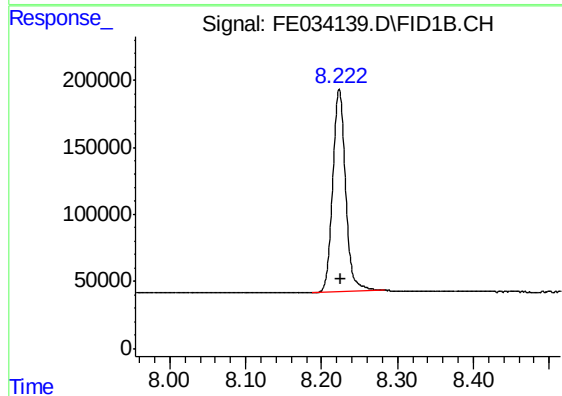
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.003 min
Response: 1660699
Conc: 4.28 ug/ml



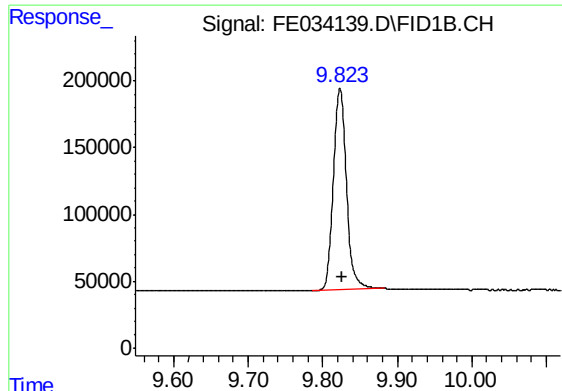
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 1679448
Conc: 4.26 ug/ml



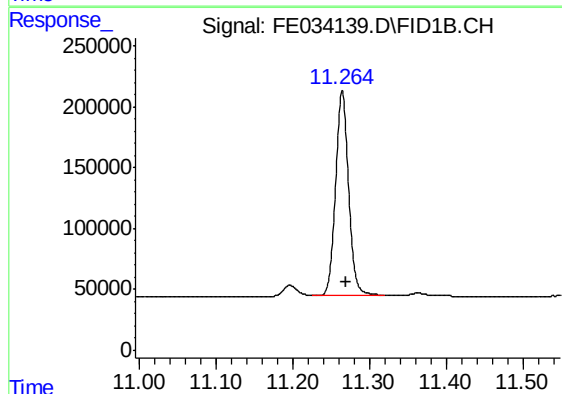
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 1757309
Conc: 4.35 ug/ml



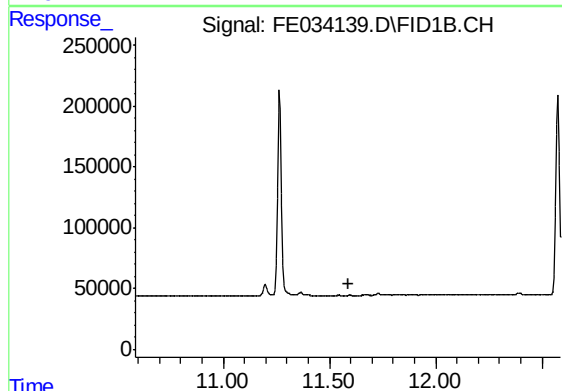
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.003 min
Response: 1813516
Conc: 4.43 ug/ml



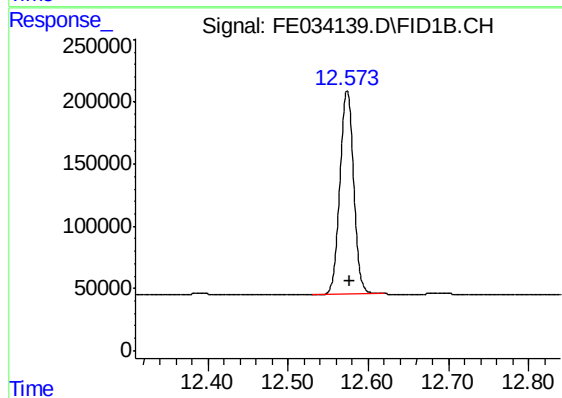
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: -0.004 min
Response: 1967161
Conc: 4.63 ug/ml



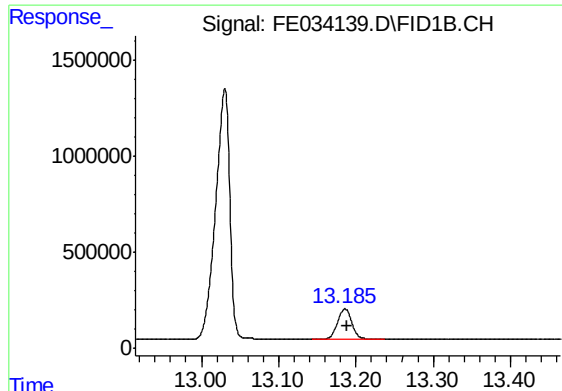
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.586 min
Response: 0
Conc: N.D.



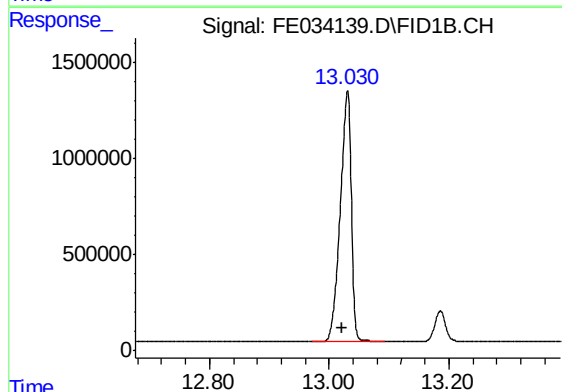
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.004 min
Response: 1949706
Conc: 4.60 ug/ml



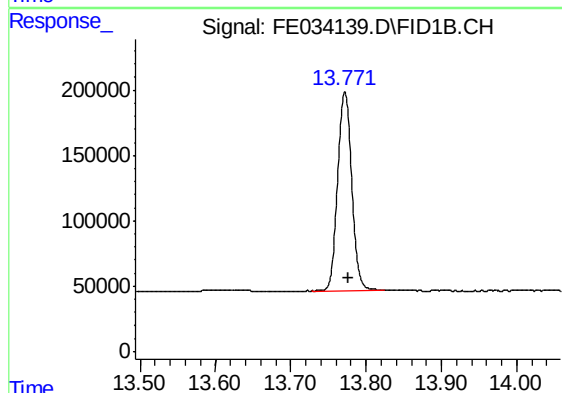
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.004 min
Response: 1958276
Conc: 4.57 ug/ml



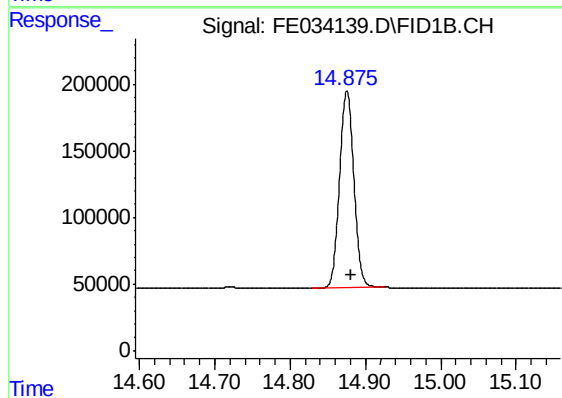
#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: 0.008 min
Response: 16701834
Conc: 47.94 ug/ml



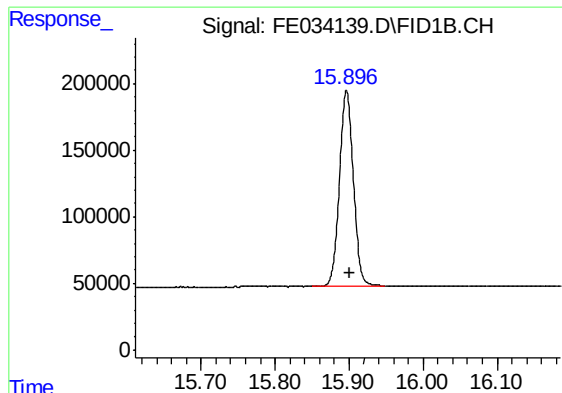
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: -0.005 min
Response: 1951806
Conc: 4.60 ug/ml



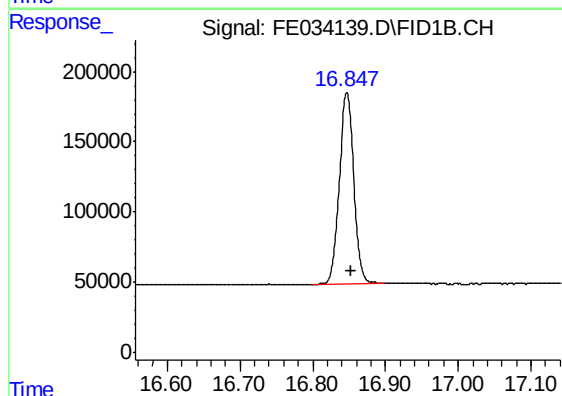
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 1926812
Conc: 4.54 ug/ml



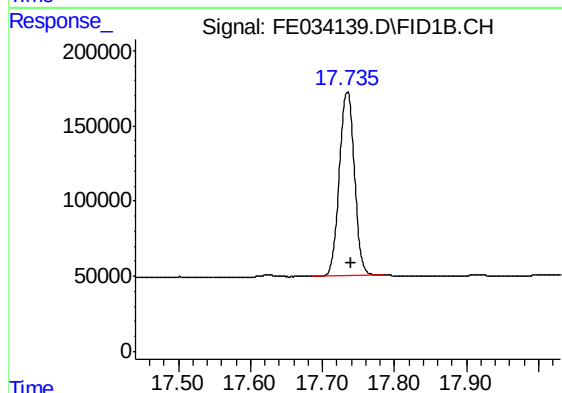
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.004 min
Response: 1905754
Conc: 4.61 ug/ml



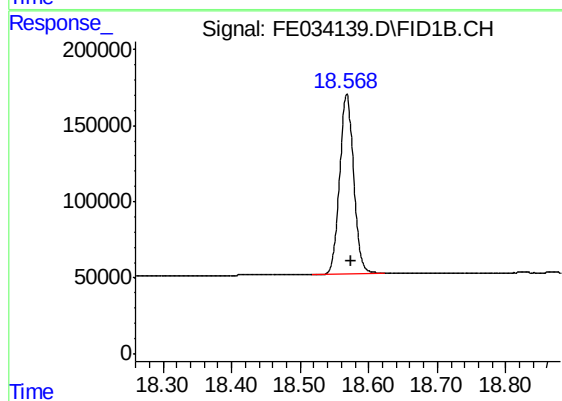
#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: -0.006 min
Response: 1865723
Conc: 4.63 ug/ml



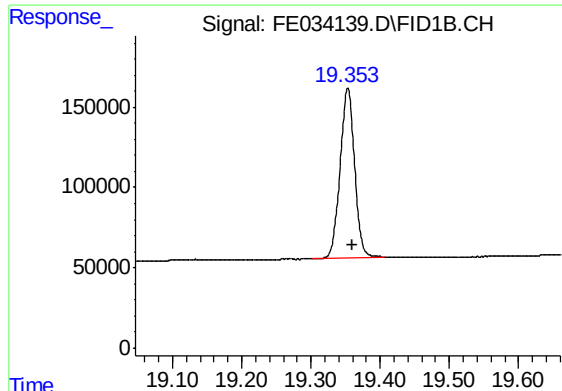
#17 n-Tricontane (C30)

R.T.: 17.735 min
Delta R.T.: -0.005 min
Response: 1787409
Conc: 4.60 ug/ml



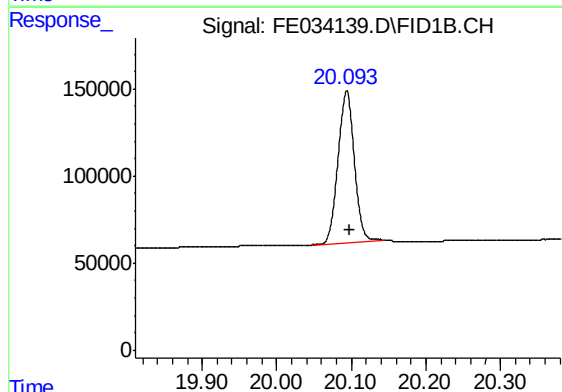
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.006 min
Response: 1669958
Conc: 4.59 ug/ml



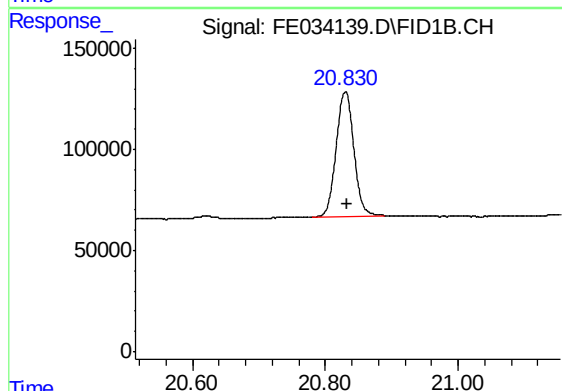
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.006 min
Response: 1532214
Conc: 4.47 ug/ml



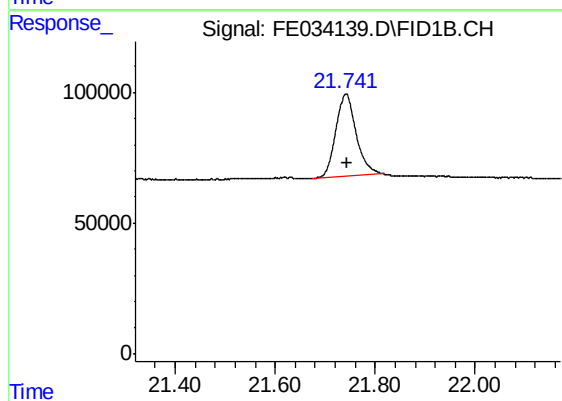
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: -0.004 min
Response: 1317811
Conc: 4.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.830 min
Delta R.T.: -0.003 min
Response: 1132074
Conc: 4.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.741 min
Delta R.T.: -0.003 min
Response: 884740
Conc: 3.43 ug/ml