

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072221AL\
 Data File : FE034131.D
 Signal(s) : FID1B.CH
 Acq On : 22 Jul 2021 9:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 01:14:46 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			
9) S ortho-Terphenyl (SURR)	11.591	9696479	21.242 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
12) S 1-chlorooctadecane (S...	13.025	7384828	21.197 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
Target Compounds			
1) T n-Nonane (C9)	3.390	8161714	21.193 ug/ml
2) T n-Decane (C10)	4.430	8245315	21.266 ug/ml
3) T A~Naphthalene (C11.7)	6.004	9210665	21.456 ug/ml
4) T n-Dodecane (C12)	6.433	8380521	21.265 ug/ml
5) T A~2-methylnaphthalene...	7.060	9225006	21.618 ug/ml
6) T n-Tetradecane (C14)	8.228	8565818	21.186 ug/ml
7) T n-Hexadecane (C16)	9.829	8669491	21.198 ug/ml
8) T n-Octadecane (C18)	11.272	8997915	21.163 ug/ml
10) T n-Eicosane (C20)	12.581	8973176	21.169 ug/ml
11) T n-Heneicosane (C21)	13.193	9074317	21.179 ug/ml
13) T n-Docosane (C22)	13.778	9006229	21.213 ug/ml
14) T n-Tetracosane (C24)	14.884	9051822	21.321 ug/ml
15) T n-Hexacosane (C26)	15.905	8859309	21.428 ug/ml
16) T n-Octacosane (C28)	16.856	8700663	21.570 ug/ml
17) T n-Tricontane (C30)	17.743	8419654	21.684 ug/ml
18) T n-Dotriacontane (C32)	18.576	7914948	21.733 ug/ml
19) T n-Tetratriacontane (C34)	19.361	7397108	21.601 ug/ml
20) T n-Hexatriacontane (C36)	20.100	6695999	21.564 ug/ml
21) T n-Octatriacontane (C38)	20.836	5806166	20.592 ug/ml
22) T n-Tetracontane (C40)	21.743	4874861	18.890 ug/ml

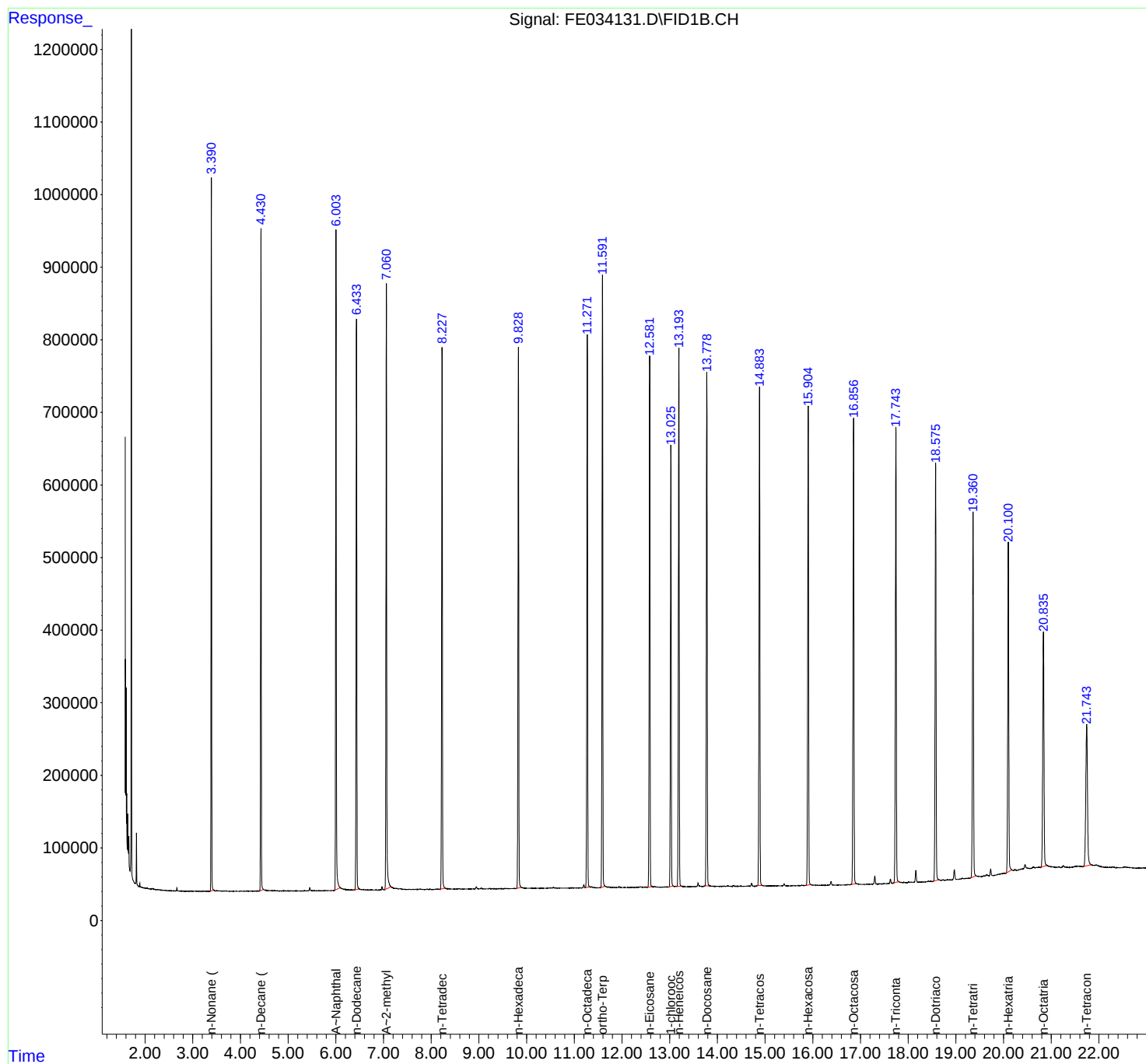
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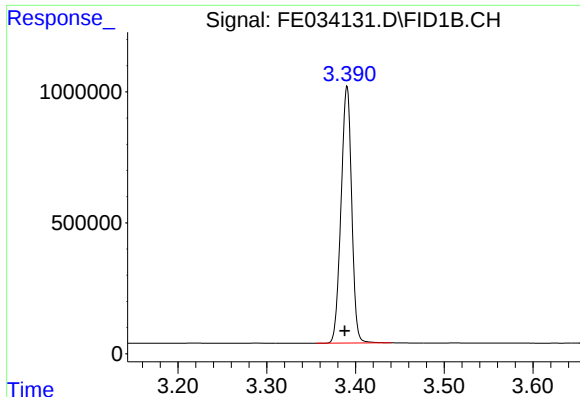
(m)=manual int.

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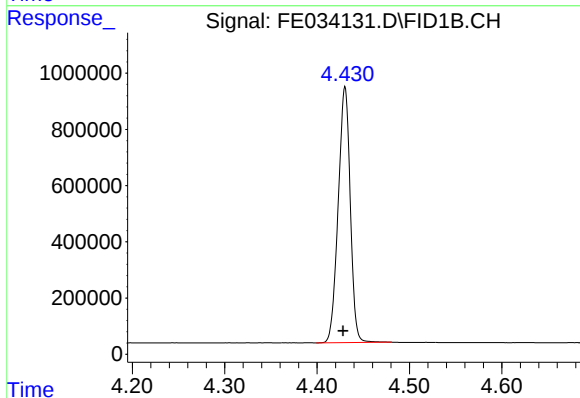
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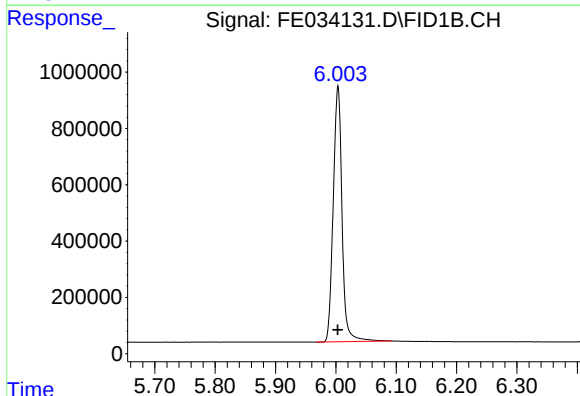
#1 n-Nonane (C9)

R.T.: 3.390 min
Delta R.T.: 0.002 min
Response: 8161714
Conc: 21.19 ug/ml



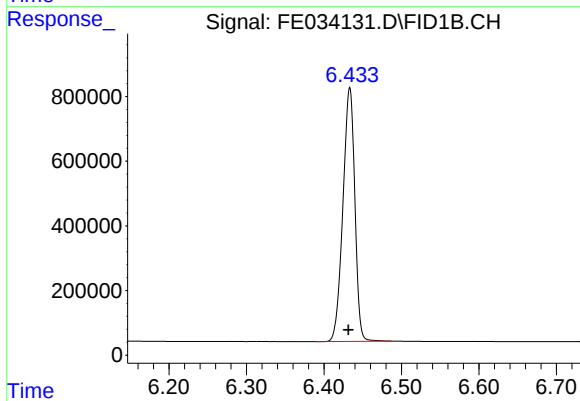
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: 0.002 min
Response: 8245315
Conc: 21.27 ug/ml



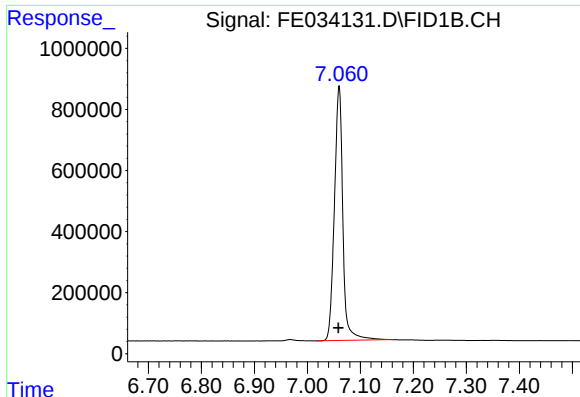
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 9210665
Conc: 21.46 ug/ml



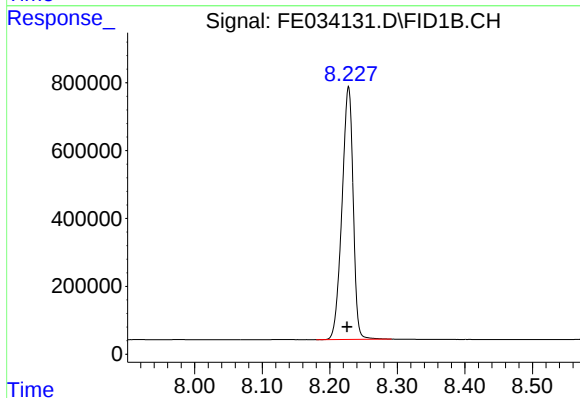
#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: 0.002 min
Response: 8380521
Conc: 21.26 ug/ml



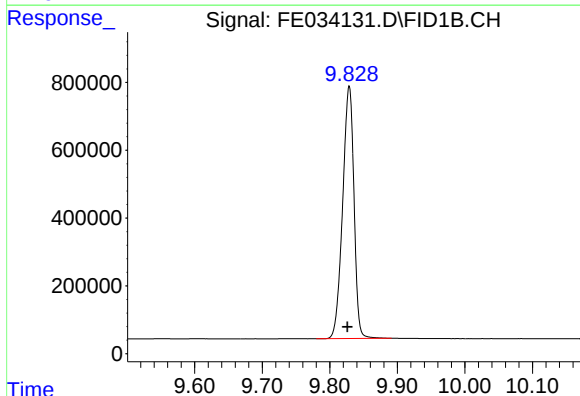
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 9225006
Conc: 21.62 ug/ml



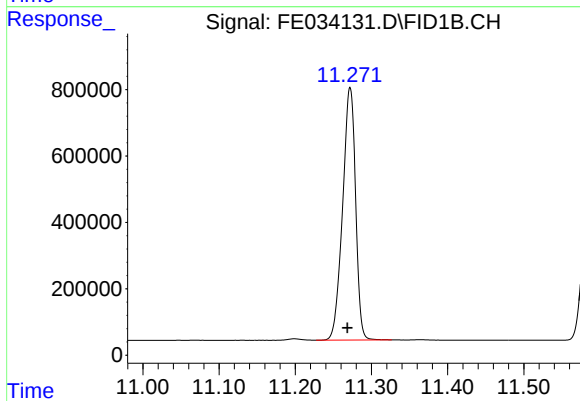
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.002 min
Response: 8565818
Conc: 21.19 ug/ml



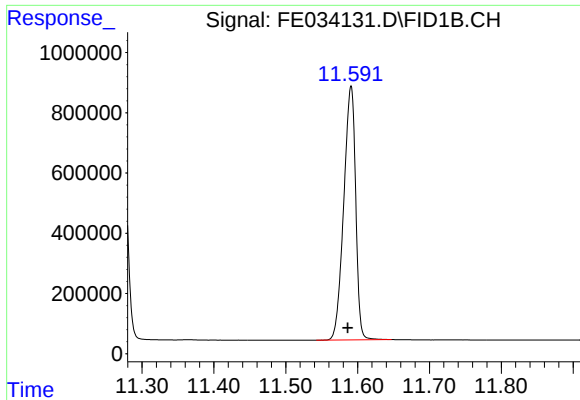
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: 0.003 min
Response: 8669491
Conc: 21.20 ug/ml



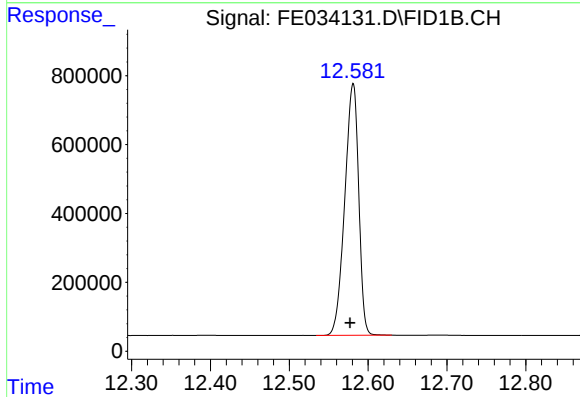
#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: 0.003 min
Response: 8997915
Conc: 21.16 ug/ml



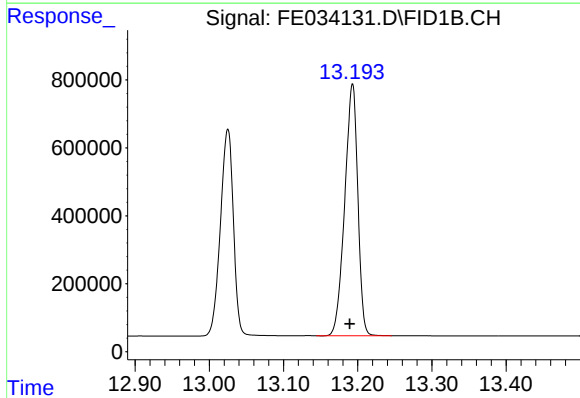
#9 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: 0.005 min
Response: 9696479
Conc: 21.24 ug/ml



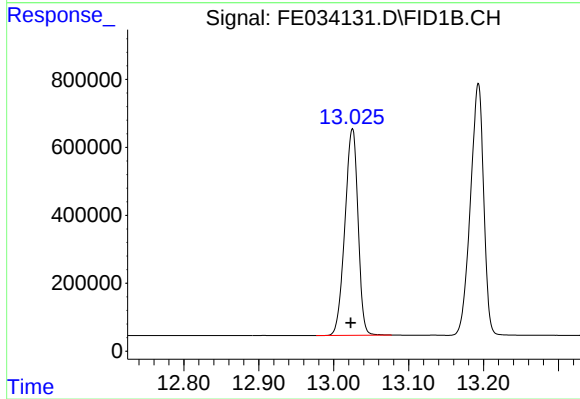
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: 0.004 min
Response: 8973176
Conc: 21.17 ug/ml



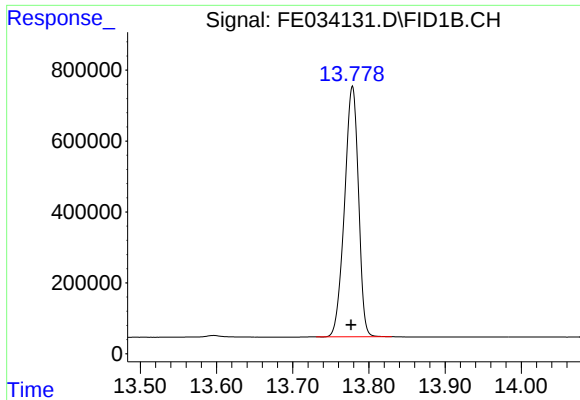
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: 0.004 min
Response: 9074317
Conc: 21.18 ug/ml



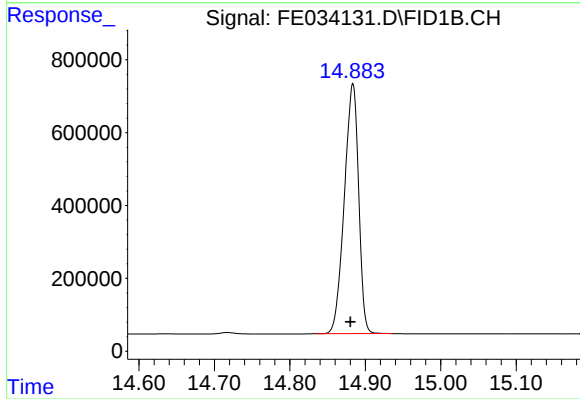
#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: 0.002 min
Response: 7384828
Conc: 21.20 ug/ml



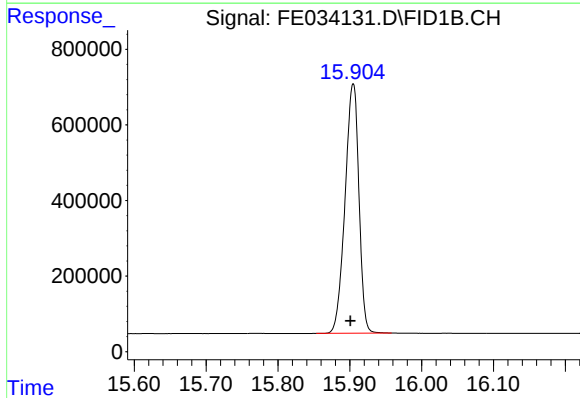
#13 n-Docosane (C22)

R.T.: 13.778 min
Delta R.T.: 0.002 min
Response: 9006229
Conc: 21.21 ug/ml



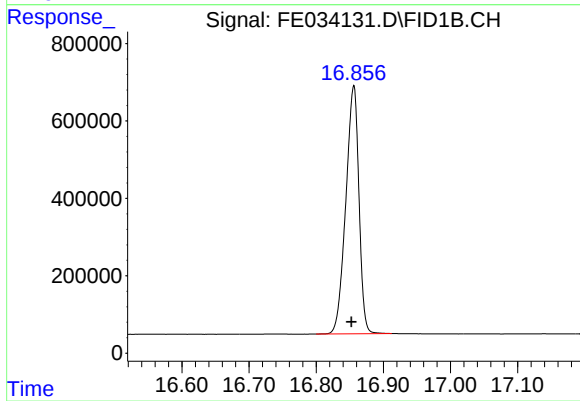
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.003 min
Response: 9051822
Conc: 21.32 ug/ml



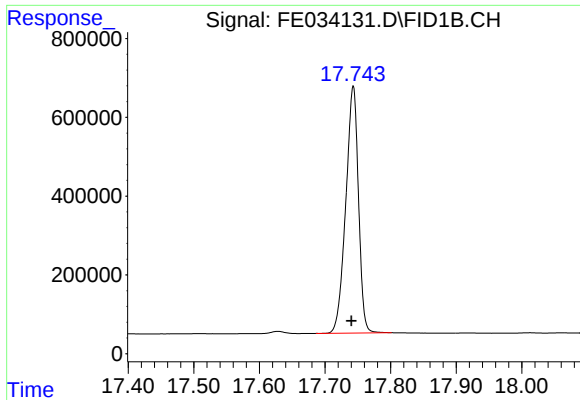
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.004 min
Response: 8859309
Conc: 21.43 ug/ml



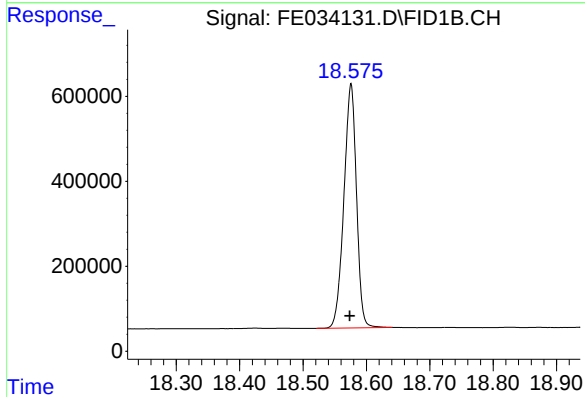
#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: 0.003 min
Response: 8700663
Conc: 21.57 ug/ml



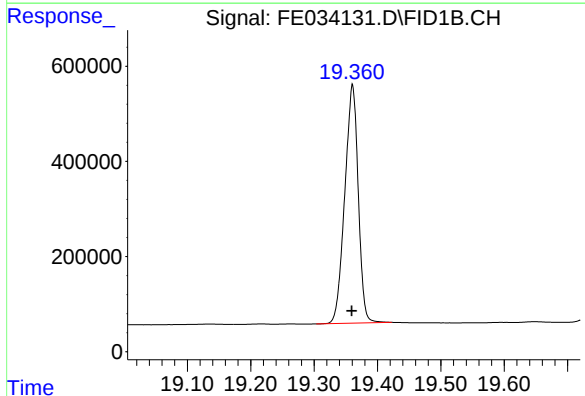
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: 0.003 min
Response: 8419654
Conc: 21.68 ug/ml



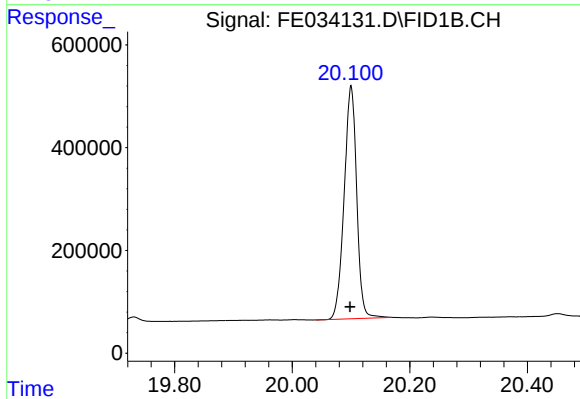
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: 0.002 min
Response: 7914948
Conc: 21.73 ug/ml



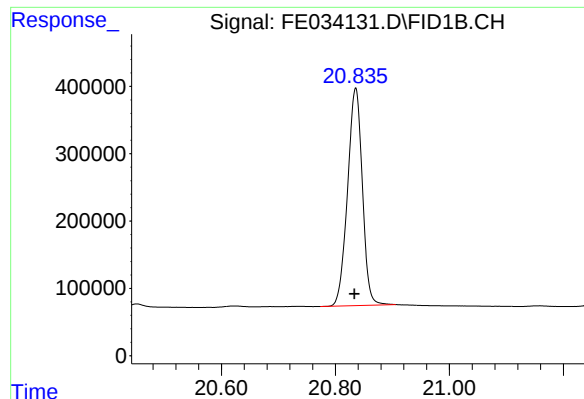
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.001 min
Response: 7397108
Conc: 21.60 ug/ml



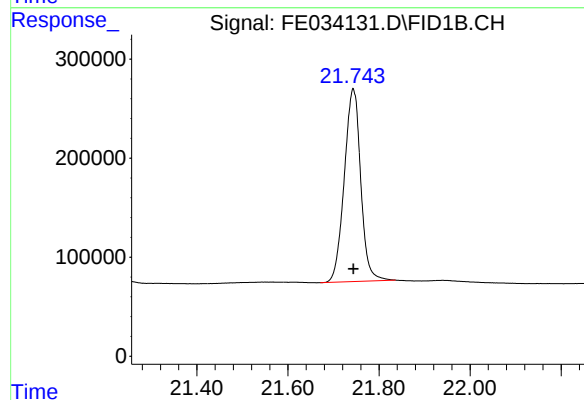
#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: 0.002 min
Response: 6695999
Conc: 21.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.836 min
Delta R.T.: 0.002 min
Response: 5806166
Conc: 20.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: 0.000 min
Response: 4874861
Conc: 18.89 ug/ml