

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072121AL\
 Data File : FE034128.D
 Signal(s) : FID1B.CH
 Acq On : 21 Jul 2021 21:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:26:09 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)	11.592	9106975	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.026	6973614	20.016 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.389	7678911	19.940 ug/ml
2) T n-Decane (C10)	4.430	7744220	19.974 ug/ml
3) T A~Naphthalene (C11.7)	6.004	8632076	20.108 ug/ml
4) T n-Dodecane (C12)	6.434	7872334	19.975 ug/ml
5) T A~2-methylnaphthalene...	7.060	8649781	20.270 ug/ml
6) T n-Tetradecane (C14)	8.228	8059562	19.934 ug/ml
7) T n-Hexadecane (C16)	9.830	8160594	19.954 ug/ml
8) T n-Octadecane (C18)	11.273	8466955	19.914 ug/ml
10) T n-Eicosane (C20)	12.581	8442071	19.916 ug/ml
11) T n-Heneicosane (C21)	13.194	8532435	19.915 ug/ml
13) T n-Docosane (C22)	13.780	8451398	19.906 ug/ml
14) T n-Tetracosane (C24)	14.884	8488241	19.994 ug/ml
15) T n-Hexacosane (C26)	15.905	8290300	20.052 ug/ml
16) T n-Octacosane (C28)	16.856	8099157	20.079 ug/ml
17) T n-Tricontane (C30)	17.742	7771912	20.016 ug/ml
18) T n-Dotriacontane (C32)	18.577	7278151	19.984 ug/ml
19) T n-Tetratriacontane (C34)	19.361	6848601	19.999 ug/ml
20) T n-Hexatriacontane (C36)	20.102	6321131	20.356 ug/ml
21) T n-Octatriacontane (C38)	20.838	5692092	20.188 ug/ml
22) T n-Tetracontane (C40)	21.747	5204141	20.166 ug/ml

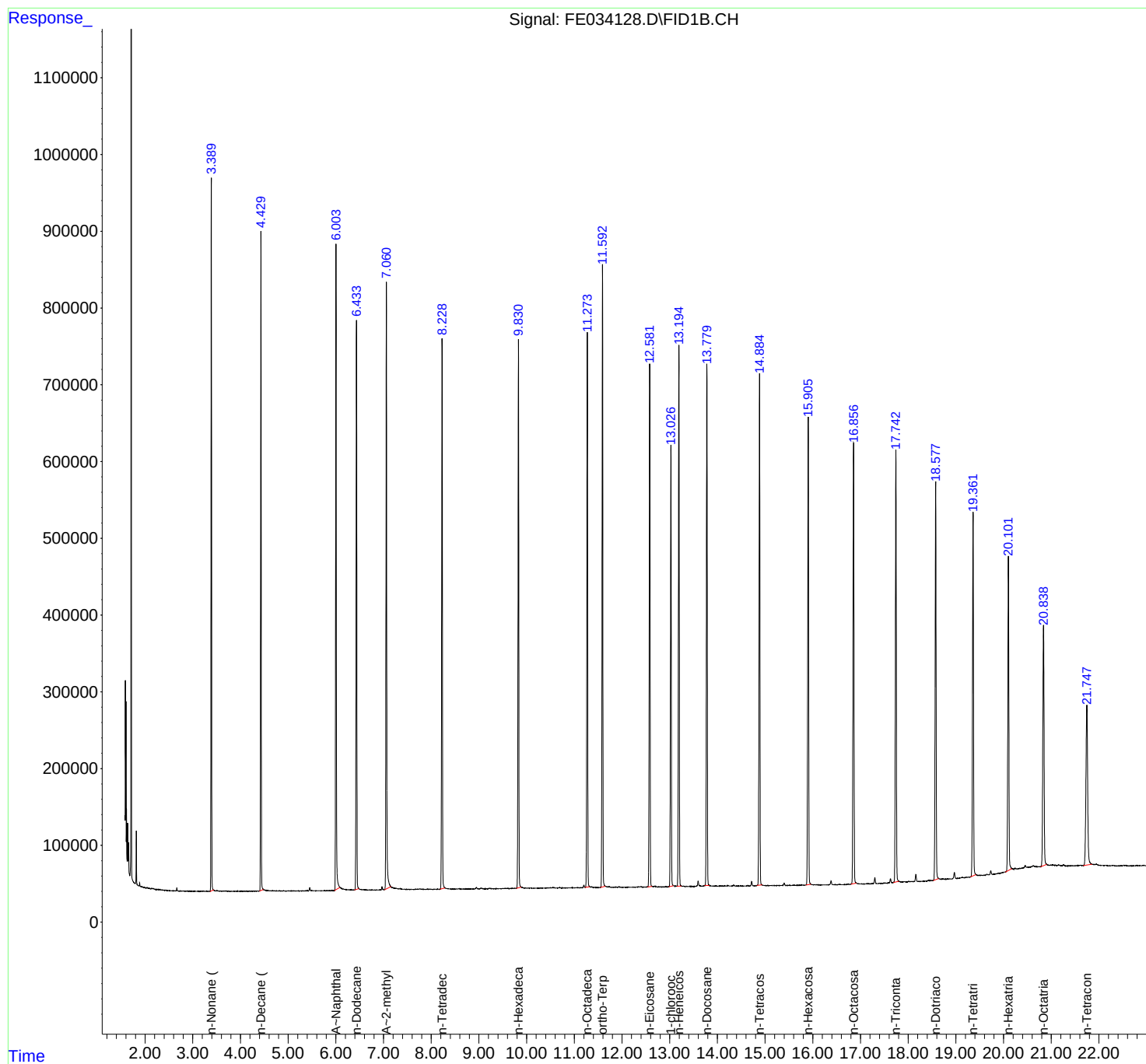
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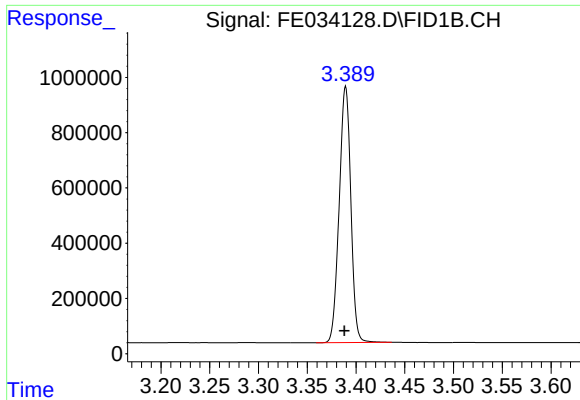
(m)=manual int.

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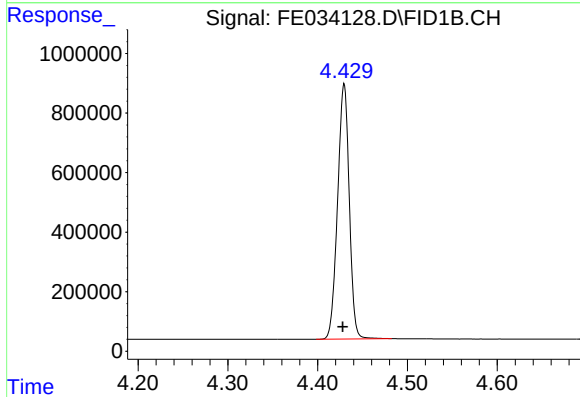
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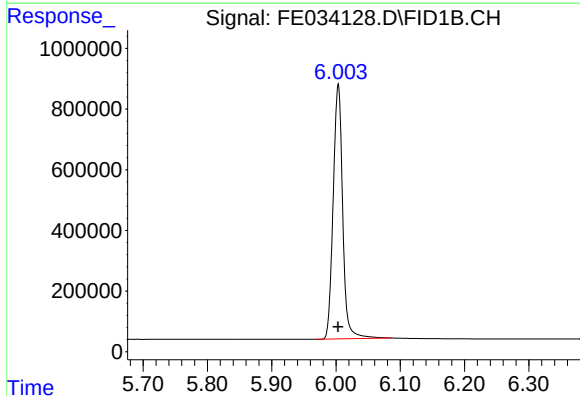
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: 0.001 min
Response: 7678911
Conc: 19.94 ug/ml



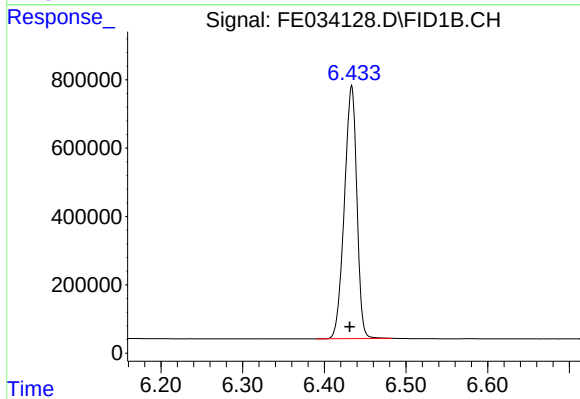
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: 0.001 min
Response: 7744220
Conc: 19.97 ug/ml



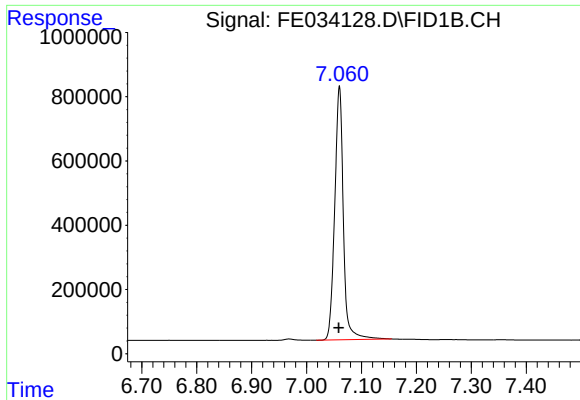
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 8632076
Conc: 20.11 ug/ml



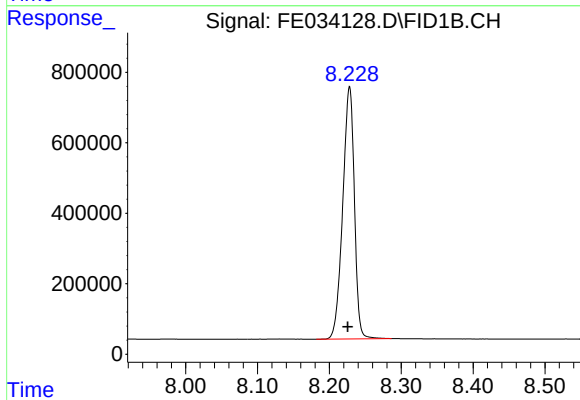
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: 0.002 min
Response: 7872334
Conc: 19.98 ug/ml



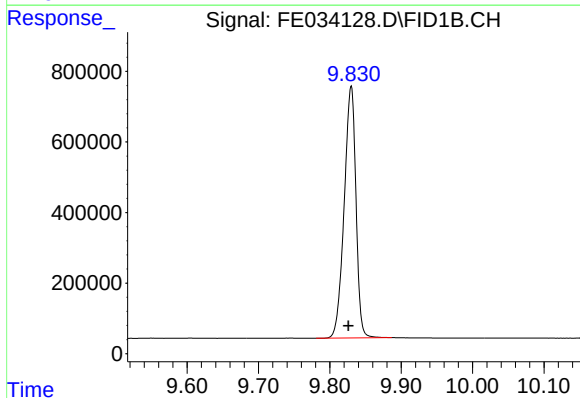
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 8649781
Conc: 20.27 ug/ml



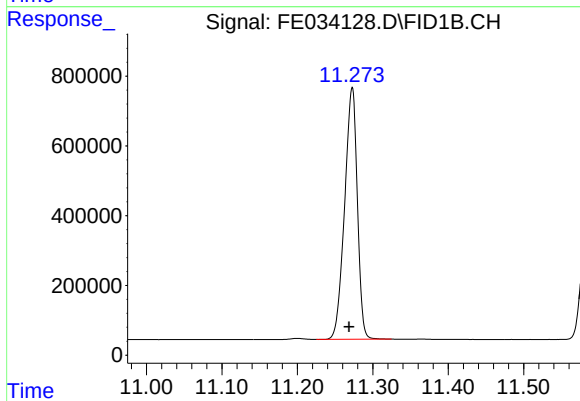
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.002 min
Response: 8059562
Conc: 19.93 ug/ml



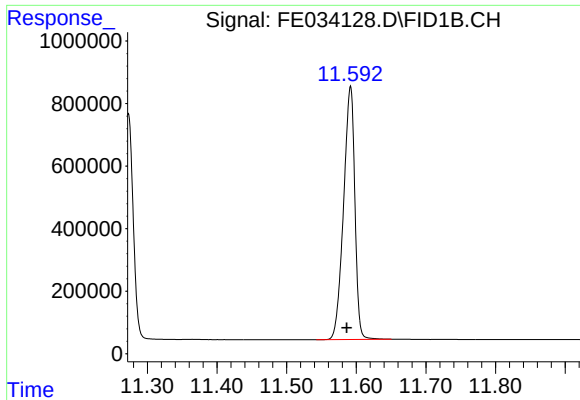
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: 0.004 min
Response: 8160594
Conc: 19.95 ug/ml



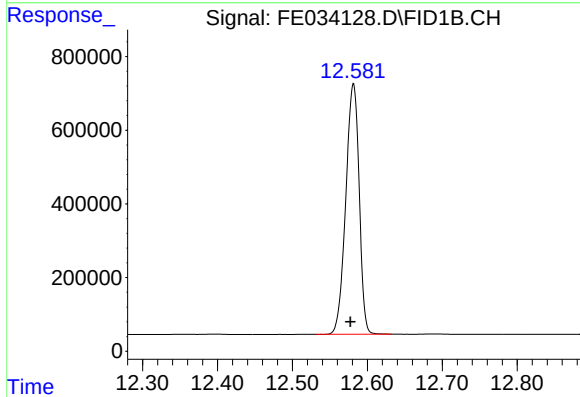
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: 0.004 min
Response: 8466955
Conc: 19.91 ug/ml



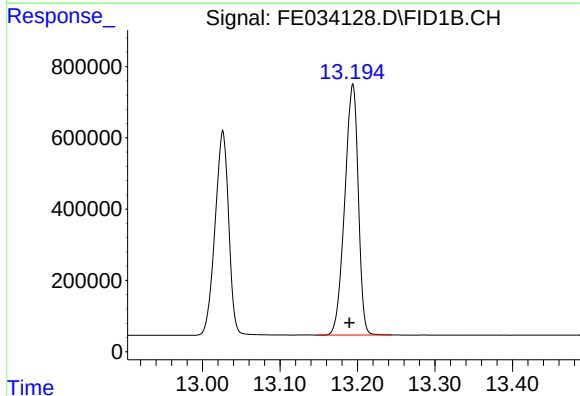
#9 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: 0.005 min
Response: 9106975
Conc: 19.95 ug/ml



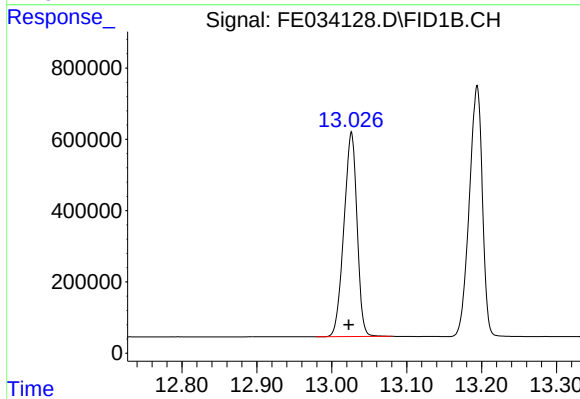
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: 0.004 min
Response: 8442071
Conc: 19.92 ug/ml



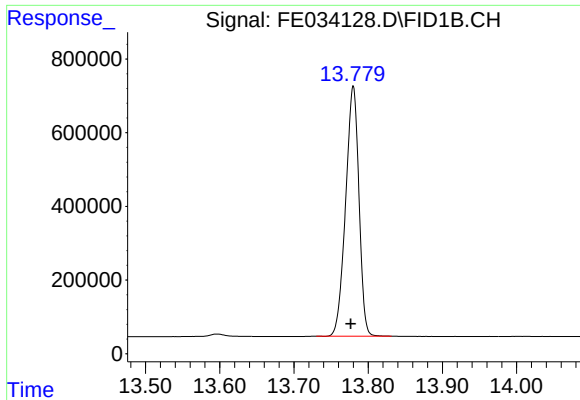
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.004 min
Response: 8532435
Conc: 19.91 ug/ml



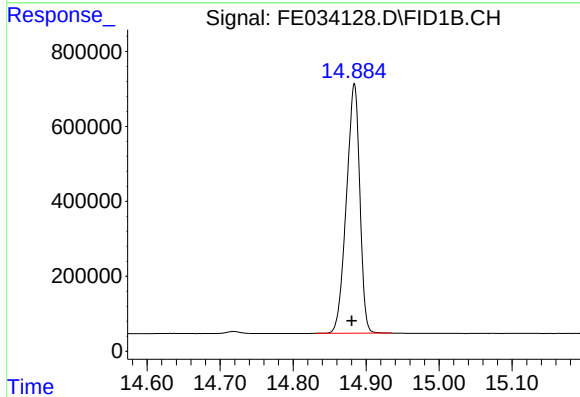
#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: 0.004 min
Response: 6973614
Conc: 20.02 ug/ml



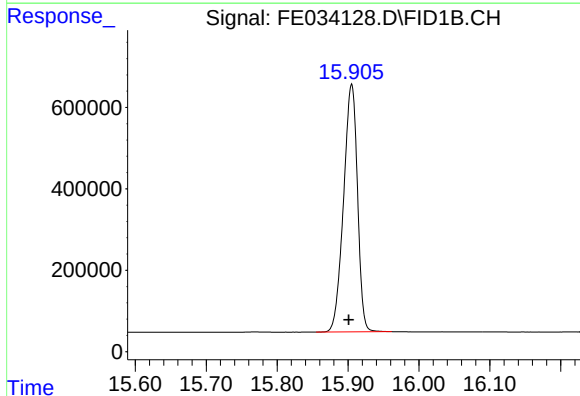
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.003 min
Response: 8451398
Conc: 19.91 ug/ml



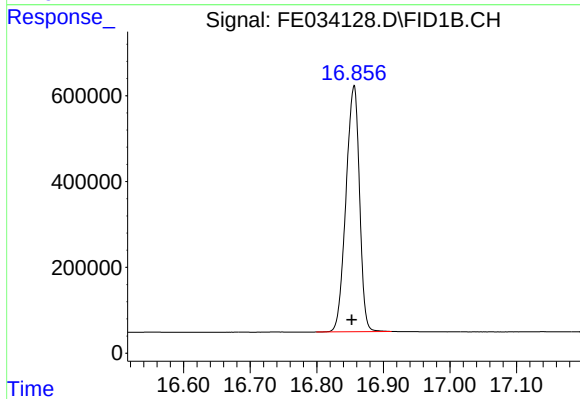
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.004 min
Response: 8488241
Conc: 19.99 ug/ml



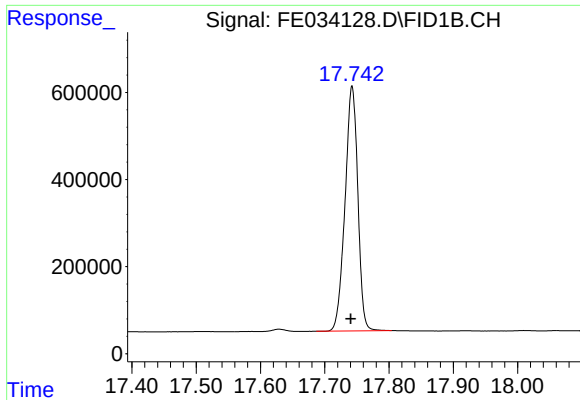
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.004 min
Response: 8290300
Conc: 20.05 ug/ml



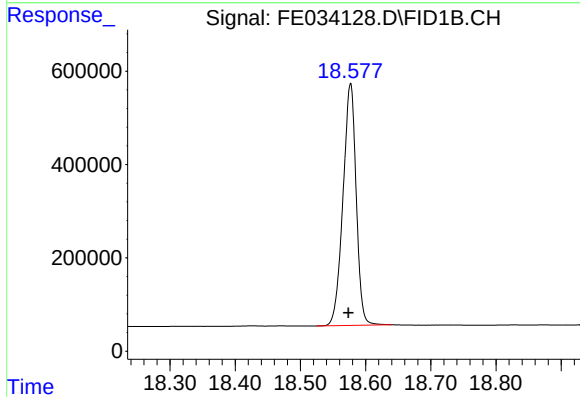
#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: 0.004 min
Response: 8099157
Conc: 20.08 ug/ml



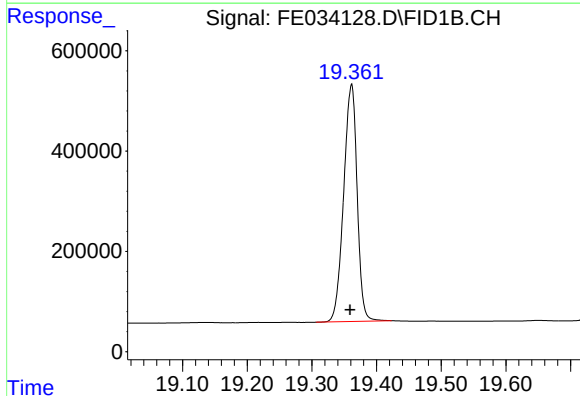
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: 0.002 min
Response: 7771912
Conc: 20.02 ug/ml



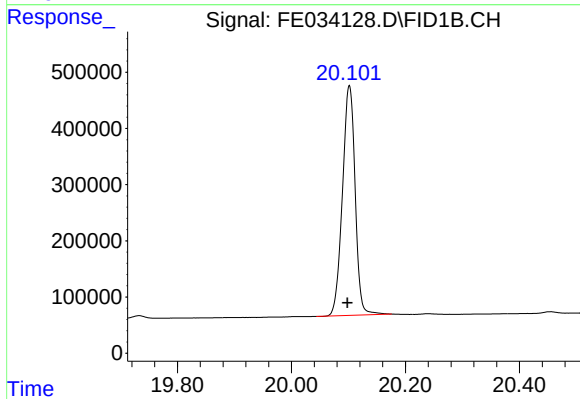
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: 0.003 min
Response: 7278151
Conc: 19.98 ug/ml



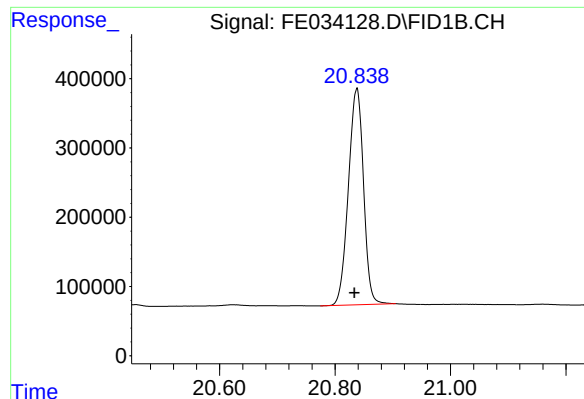
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.002 min
Response: 6848601
Conc: 20.00 ug/ml



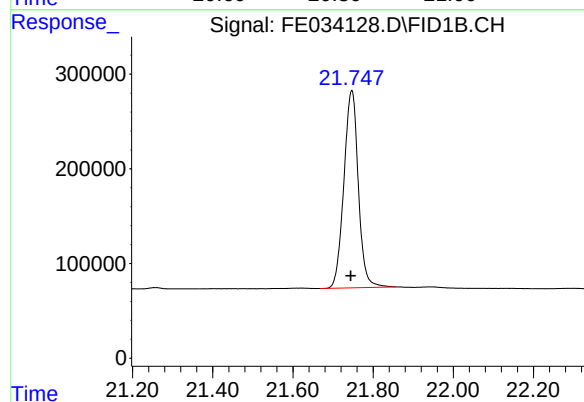
#20 n-Hexatriacontane (C36)

R.T.: 20.102 min
Delta R.T.: 0.003 min
Response: 6321131
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.838 min
Delta R.T.: 0.004 min
Response: 5692092
Conc: 20.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: 0.003 min
Response: 5204141
Conc: 20.17 ug/ml