

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072121AL\
 Data File : FE034125.D
 Signal(s) : FID1B.CH
 Acq On : 21 Jul 2021 20:03
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:20:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:19:34 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)	11.586	2337103	5.155 ug/ml
Spiked Amount 50.000		Recovery =	10.31%
12) S 1-chlorooctadecane (S...	13.023	1772805	5.127 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
Target Compounds			
1) T n-Nonane (C9)	3.388	2002519	5.245 ug/ml
2) T n-Decane (C10)	4.428	1995672	5.191 ug/ml
3) T A~Naphthalene (C11.7)	6.003	2109422	4.910 ug/ml
4) T n-Dodecane (C12)	6.431	2023544	5.164 ug/ml
5) T A~2-methylnaphthalene...	7.059	2028613	4.714 ug/ml
6) T n-Tetradecane (C14)	8.226	2074116	5.171 ug/ml
7) T n-Hexadecane (C16)	9.826	2085215	5.126 ug/ml
8) T n-Octadecane (C18)	11.269	2199351	5.215 ug/ml
10) T n-Eicosane (C20)	12.577	2204279	5.247 ug/ml
11) T n-Heneicosane (C21)	13.190	2230991	5.256 ug/ml
13) T n-Docosane (C22)	13.777	2204794	5.241 ug/ml
14) T n-Tetracosane (C24)	14.880	2199481	5.223 ug/ml
15) T n-Hexacosane (C26)	15.901	2134476	5.203 ug/ml
16) T n-Octacosane (C28)	16.853	2068773	5.179 ug/ml
17) T n-Tricontane (C30)	17.740	2003484	5.246 ug/ml
18) T n-Dotriacontane (C32)	18.574	1891448	5.315 ug/ml
19) T n-Tetratriacontane (C34)	19.359	1756863	5.264 ug/ml
20) T n-Hexatriacontane (C36)	20.098	1523808	4.971 ug/ml
21) T n-Octatriacontane (C38)	20.834	1362873	4.946 ug/ml
22) T n-Tetracontane (C40)	21.744	1189255	4.636 ug/ml

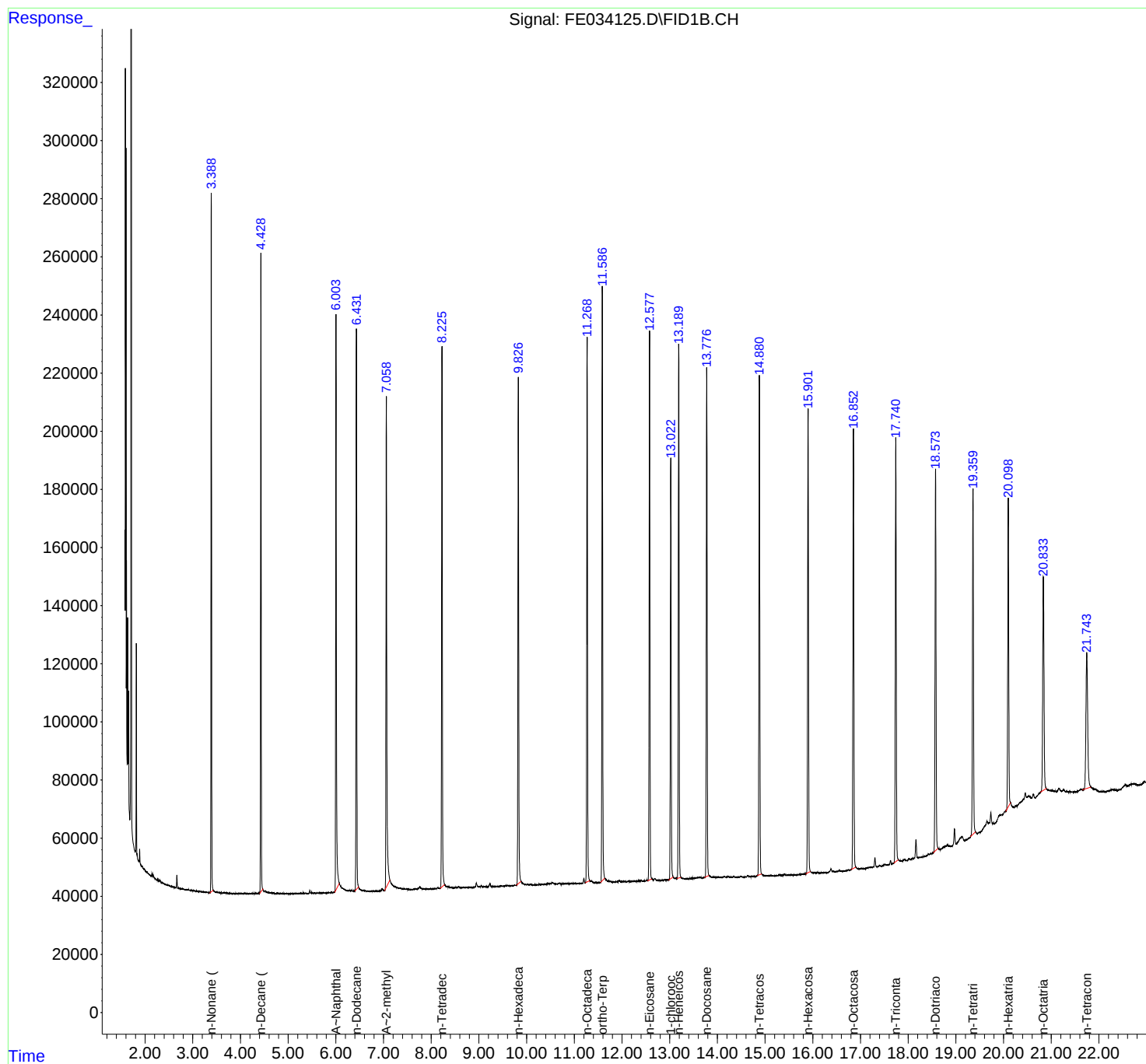
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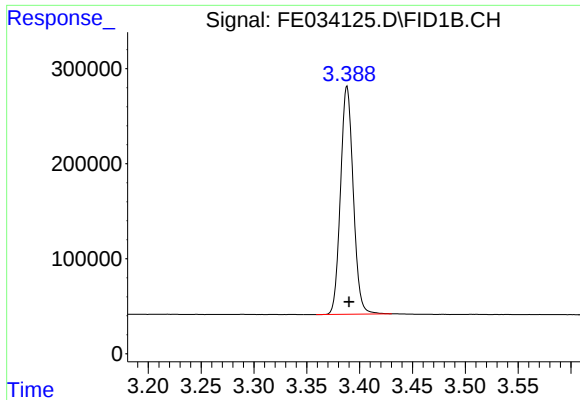
(m)=manual int.

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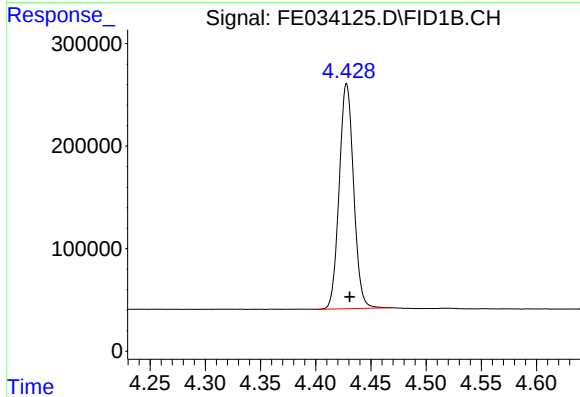
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Signal Info : 20M x 0.18mm x 0.18um





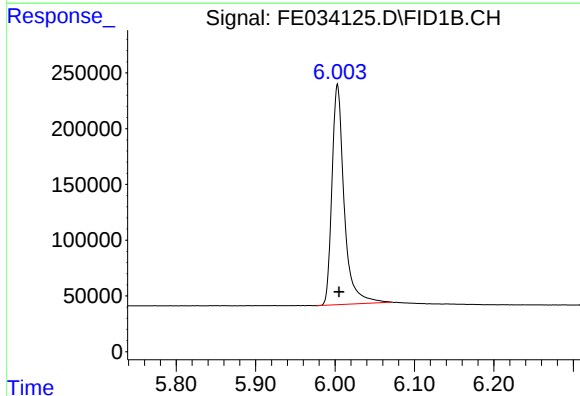
#1 n-Nonane (C9)

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 2002519
Conc: 5.25 ug/ml



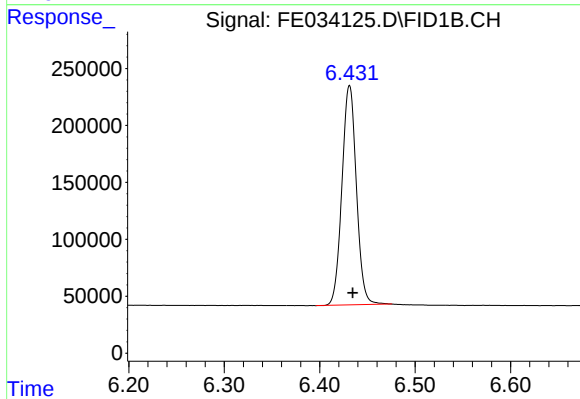
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 1995672
Conc: 5.19 ug/ml



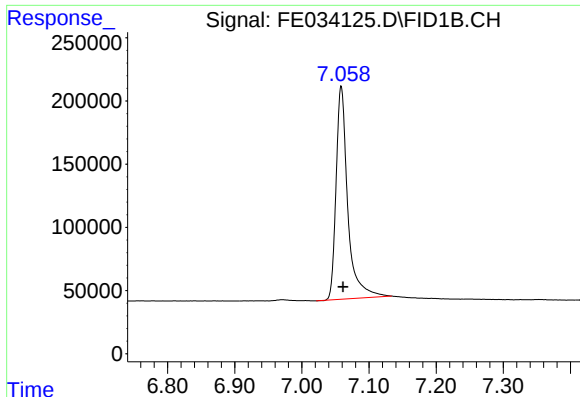
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.002 min
Response: 2109422
Conc: 4.91 ug/ml



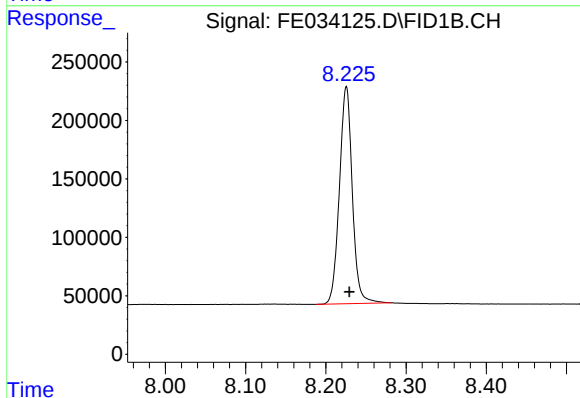
#4 n-Dodecane (C12)

R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 2023544
Conc: 5.16 ug/ml



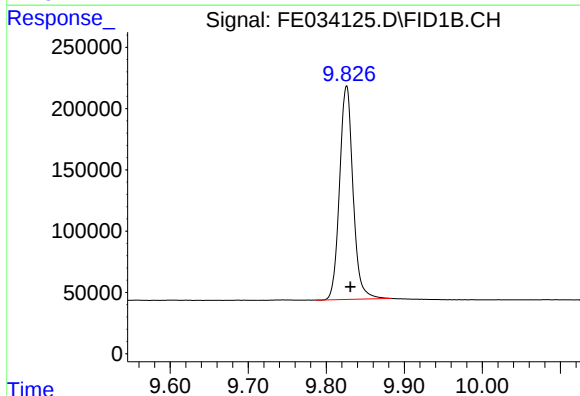
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.003 min
Response: 2028613
Conc: 4.71 ug/ml



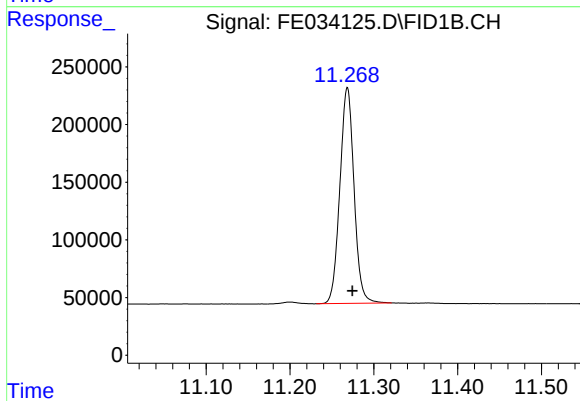
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: -0.004 min
Response: 2074116
Conc: 5.17 ug/ml



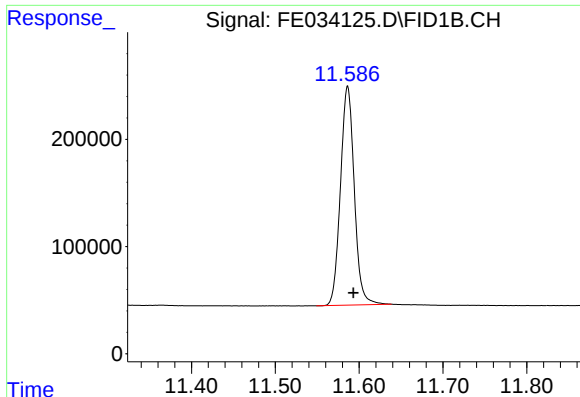
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.005 min
Response: 2085215
Conc: 5.13 ug/ml



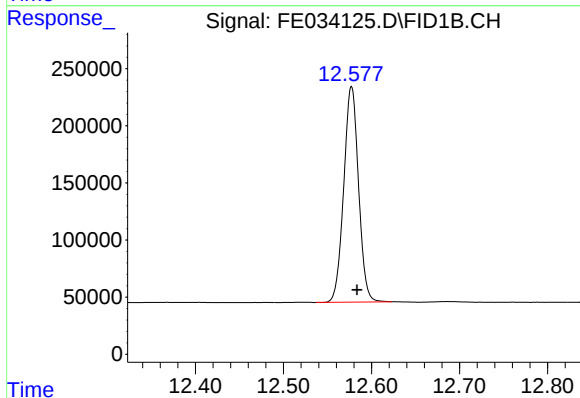
#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: -0.006 min
Response: 2199351
Conc: 5.22 ug/ml



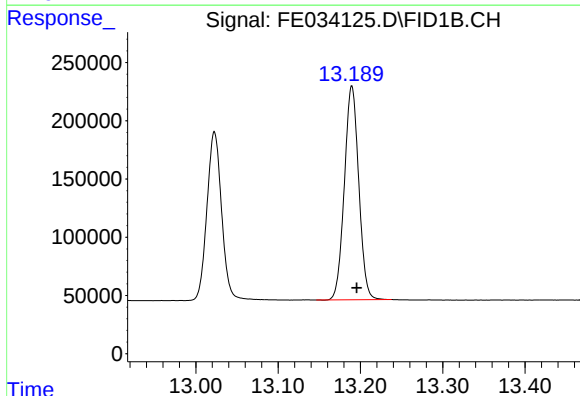
#9 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.007 min
Response: 2337103
Conc: 5.15 ug/ml



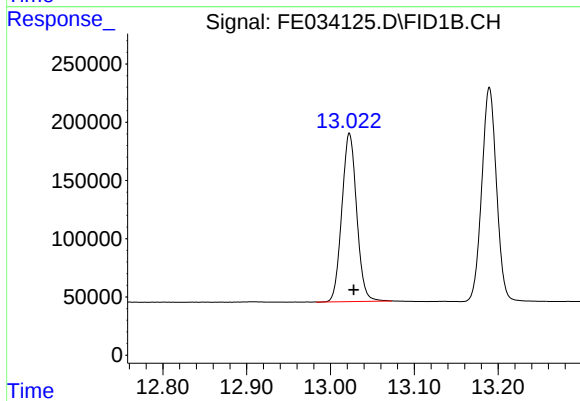
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.006 min
Response: 2204279
Conc: 5.25 ug/ml



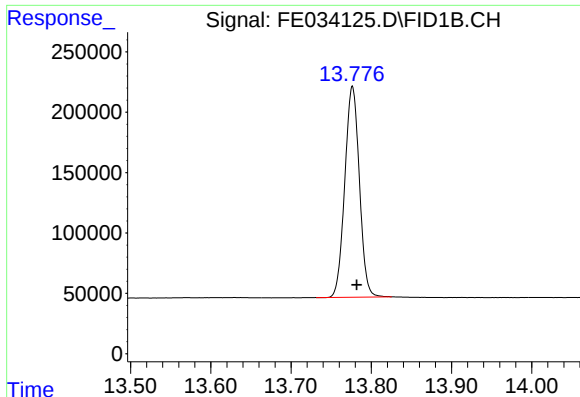
#11 n-Heneicosane (C21)

R.T.: 13.190 min
Delta R.T.: -0.006 min
Response: 2230991
Conc: 5.26 ug/ml



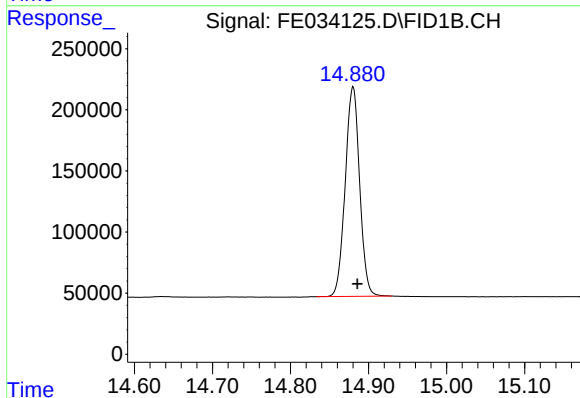
#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.005 min
Response: 1772805
Conc: 5.13 ug/ml



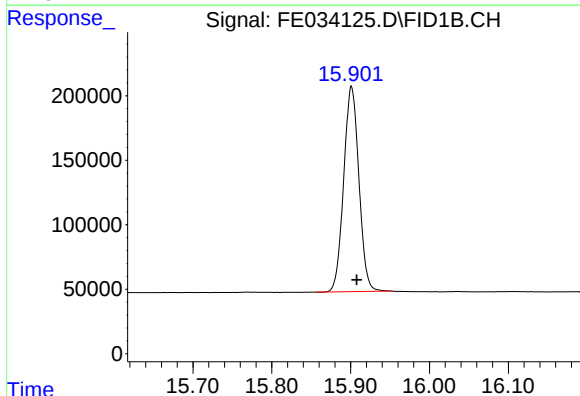
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.005 min
Response: 2204794
Conc: 5.24 ug/ml



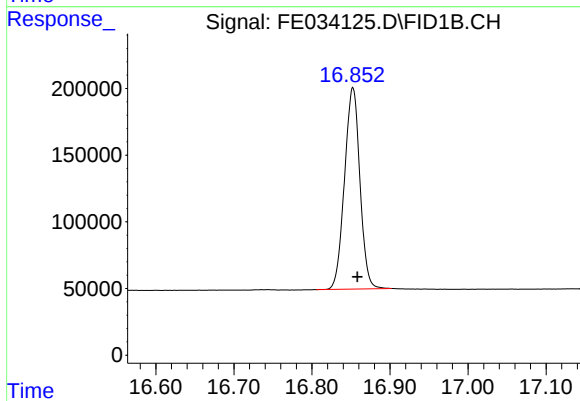
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.006 min
Response: 2199481
Conc: 5.22 ug/ml



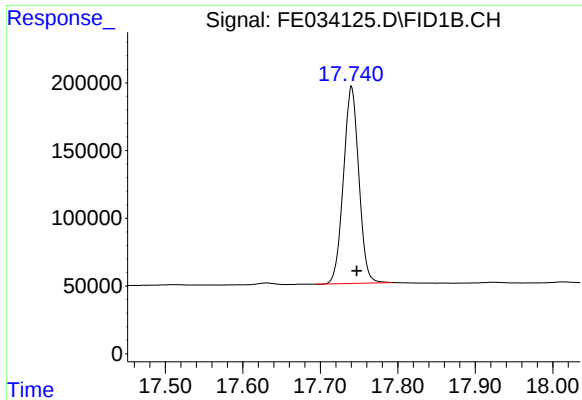
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: -0.007 min
Response: 2134476
Conc: 5.20 ug/ml



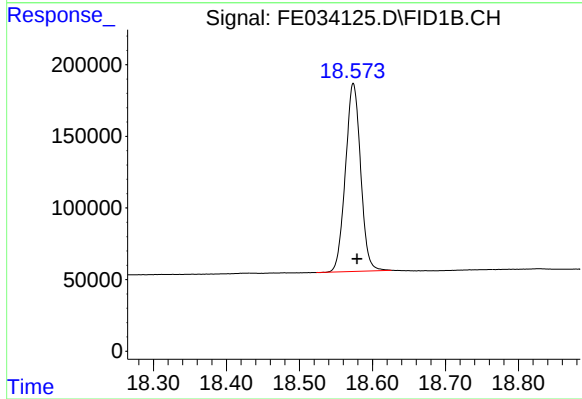
#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: -0.006 min
Response: 2068773
Conc: 5.18 ug/ml



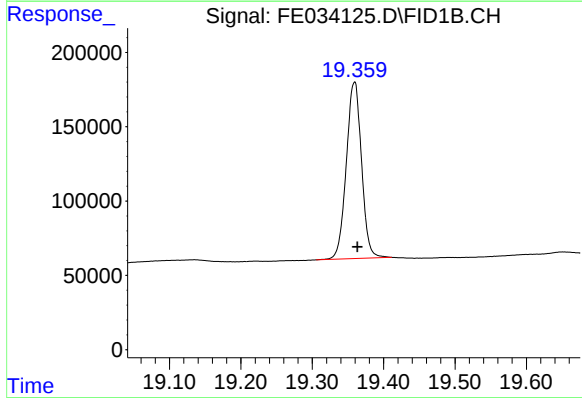
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.007 min
Response: 2003484
Conc: 5.25 ug/ml



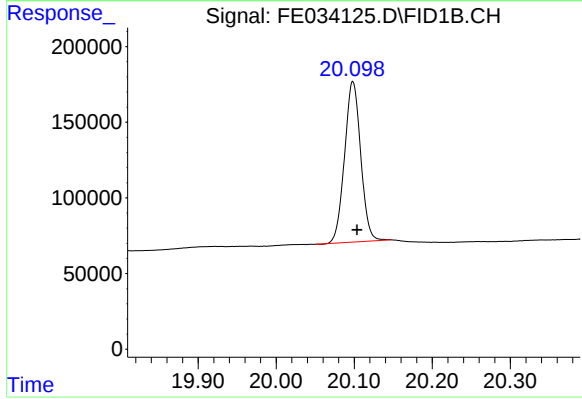
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.005 min
Response: 1891448
Conc: 5.32 ug/ml



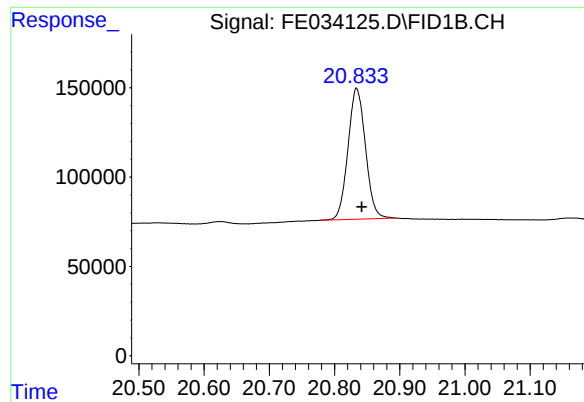
#19 n-Tetratriacontane (C34)

R.T.: 19.359 min
Delta R.T.: -0.004 min
Response: 1756863
Conc: 5.26 ug/ml



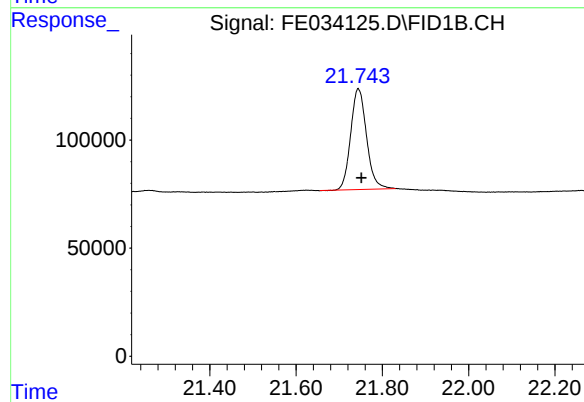
#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: -0.005 min
Response: 1523808
Conc: 4.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: -0.008 min
Response: 1362873
Conc: 4.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: -0.007 min
Response: 1189255
Conc: 4.64 ug/ml