

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040921AL\
 Data File : FE033519.D
 Signal(s) : FID1B.CH
 Acq On : 09 Apr 2021 10:17
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 23:38:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 040921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 09 23:38:11 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)	11.658	22528169	50.489 ug/ml
Spiked Amount 50.000		Recovery =	100.98%
12) S 1-chlorooctadecane (S...	13.089	17840730	50.612 ug/ml
Spiked Amount 50.000		Recovery =	101.22%
Target Compounds			
1) T n-Nonane (C9)	3.447	20279455	50.256 ug/ml
2) T n-Decane (C10)	4.488	20402704	50.238 ug/ml
3) T A~Naphthalene (C11.7)	6.063	22818544	50.260 ug/ml
4) T n-Dodecane (C12)	6.493	20750688	50.323 ug/ml
5) T A~2-methylnaphthalene...	7.120	23358332	50.332 ug/ml
6) T n-Tetradecane (C14)	8.290	20833065	50.415 ug/ml
7) T n-Hexadecane (C16)	9.892	21132214	50.470 ug/ml
8) T n-Octadecane (C18)	11.338	21364073	50.483 ug/ml
10) T n-Eicosane (C20)	12.645	21326775	50.478 ug/ml
11) T n-Heneicosane (C21)	13.258	21582001	50.468 ug/ml
13) T n-Docosane (C22)	13.844	21357775	50.492 ug/ml
14) T n-Tetracosane (C24)	14.946	21197379	50.496 ug/ml
15) T n-Hexacosane (C26)	15.967	21029135	50.553 ug/ml
16) T n-Octacosane (C28)	16.917	20137664	50.561 ug/ml
17) T n-Tricontane (C30)	17.805	20515613	50.480 ug/ml
18) T n-Dotriacontane (C32)	18.637	20268620	50.391 ug/ml
19) T n-Tetratriacontane (C34)	19.421	19471265	50.747 ug/ml
20) T n-Hexatriacontane (C36)	20.161	19179662	51.899 ug/ml
21) T n-Octatriacontane (C38)	20.908	18236934	51.714 ug/ml
22) T n-Tetracontane (C40)	21.840	17347930	52.727 ug/ml

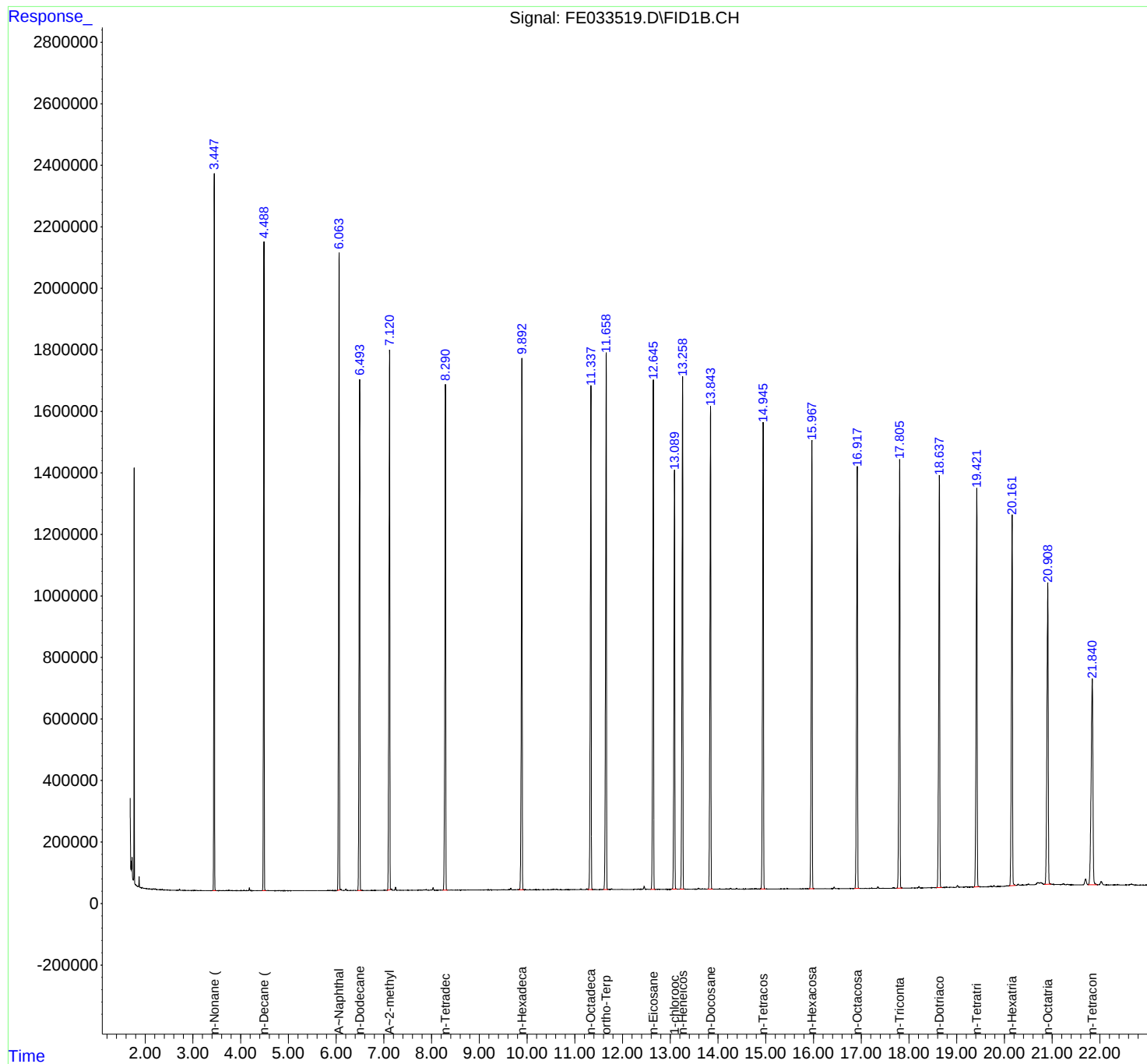
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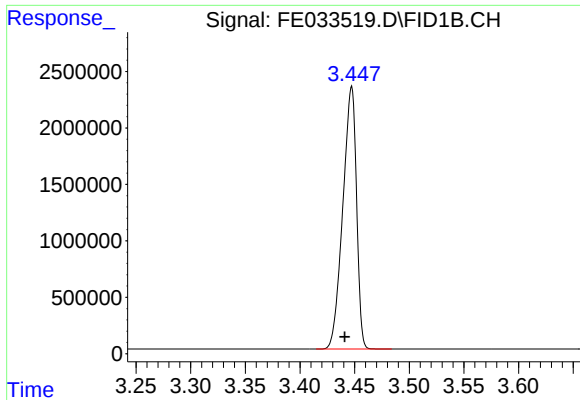
(m)=manual int.

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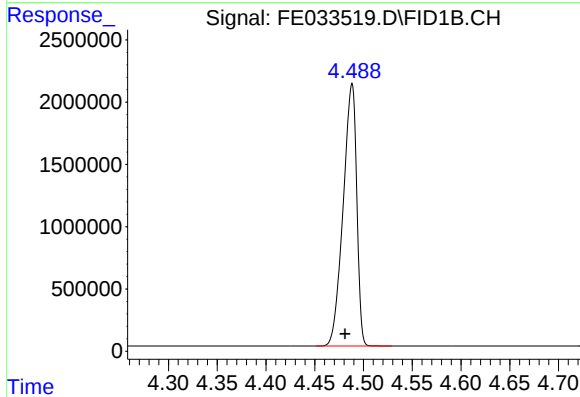
Volume Inj. : 1 ul
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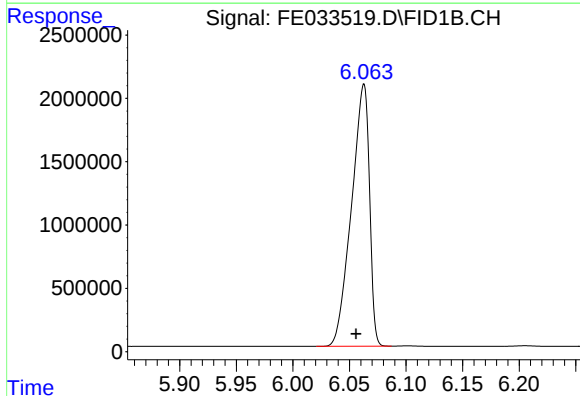
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.006 min
Response: 20279455
Conc: 50.26 ug/ml



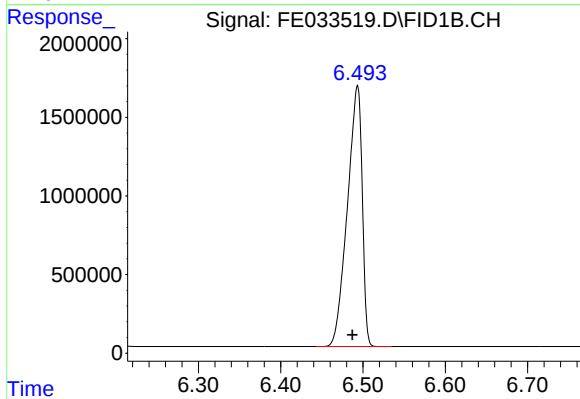
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: 0.007 min
Response: 20402704
Conc: 50.24 ug/ml



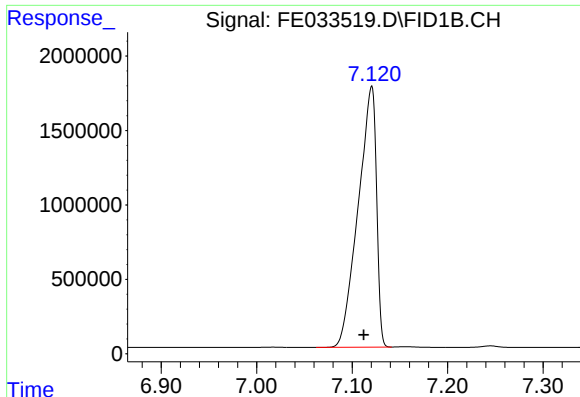
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.007 min
Response: 22818544
Conc: 50.26 ug/ml



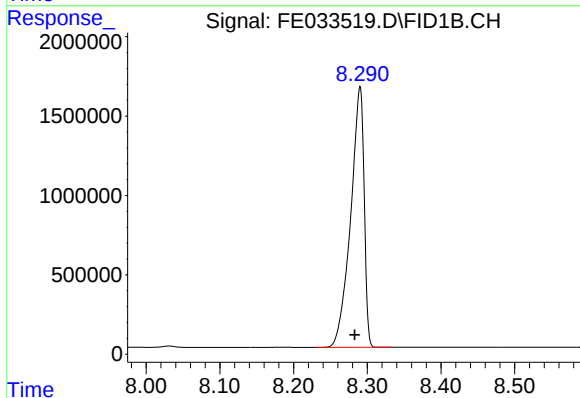
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.006 min
Response: 20750688
Conc: 50.32 ug/ml



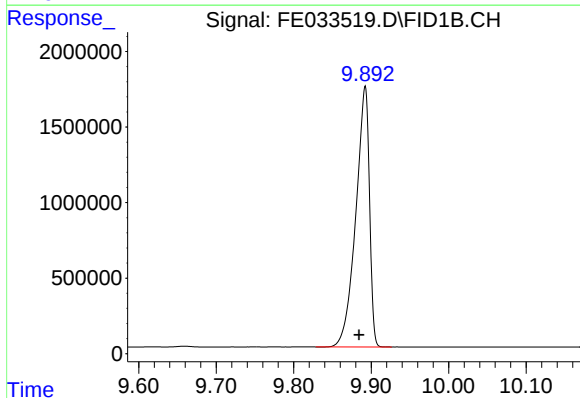
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.008 min
Response: 23358332
Conc: 50.33 ug/ml



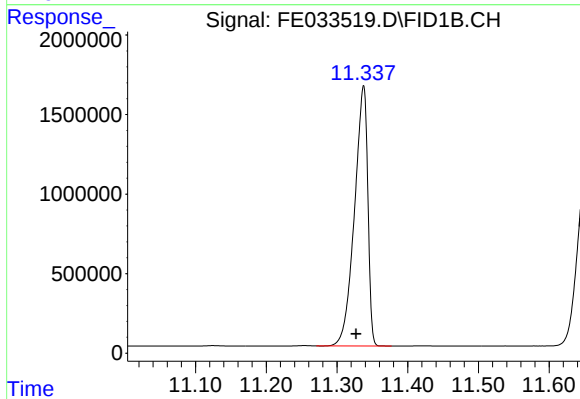
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.007 min
Response: 20833065
Conc: 50.41 ug/ml



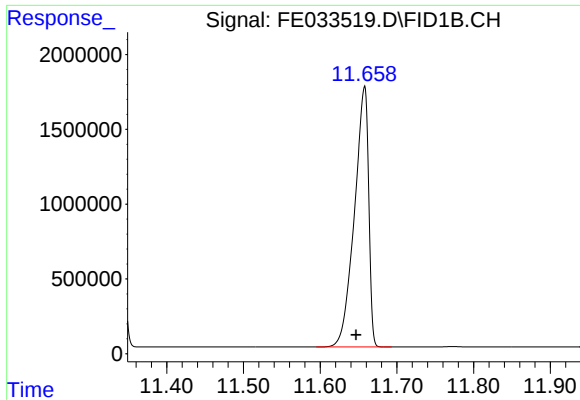
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: 0.008 min
Response: 21132214
Conc: 50.47 ug/ml



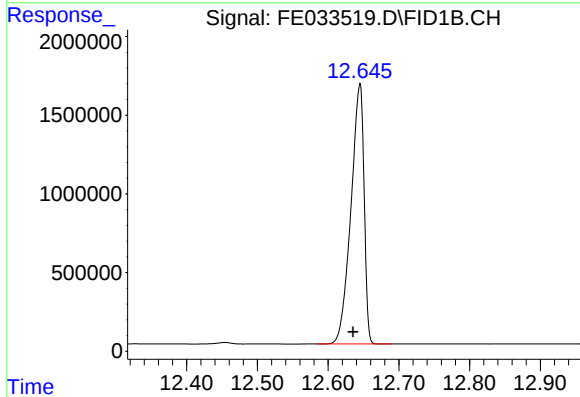
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.011 min
Response: 21364073
Conc: 50.48 ug/ml



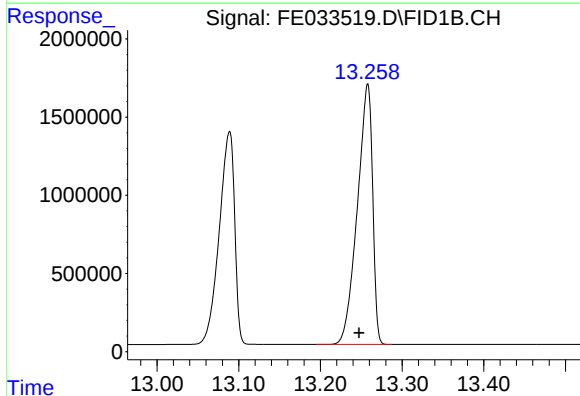
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: 0.011 min
Response: 22528169
Conc: 50.49 ug/ml



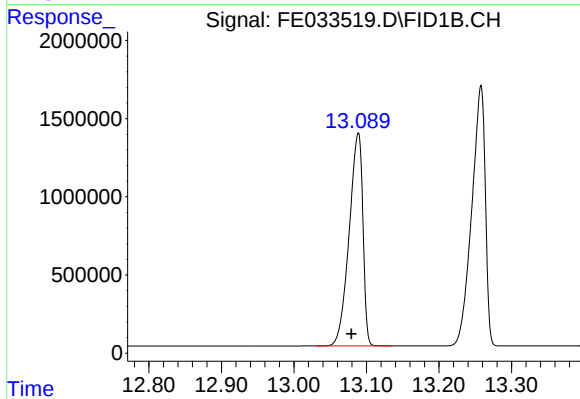
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: 0.010 min
Response: 21326775
Conc: 50.48 ug/ml



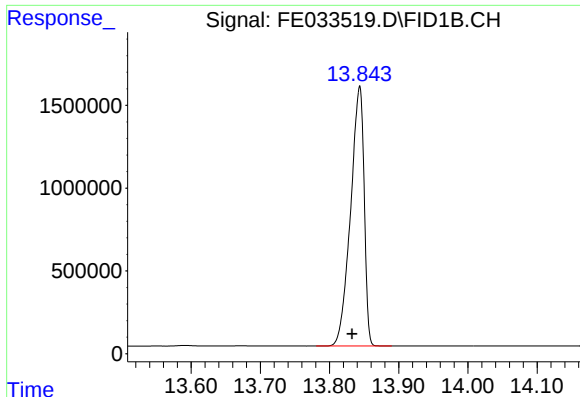
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: 0.010 min
Response: 21582001
Conc: 50.47 ug/ml



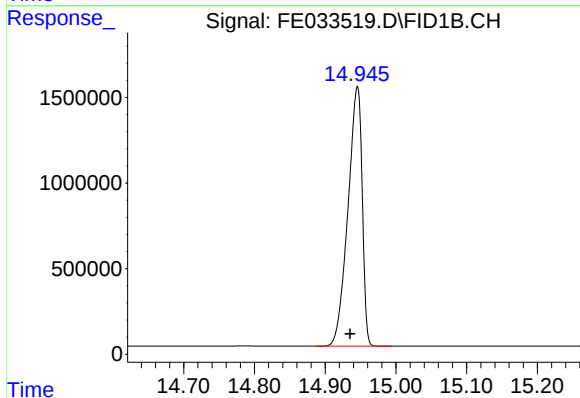
#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: 0.009 min
Response: 17840730
Conc: 50.61 ug/ml



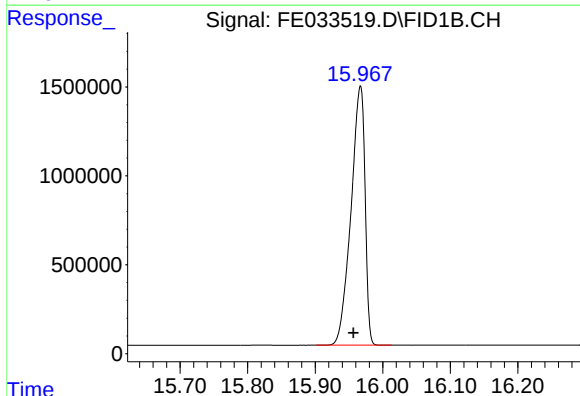
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: 0.011 min
Response: 21357775
Conc: 50.49 ug/ml



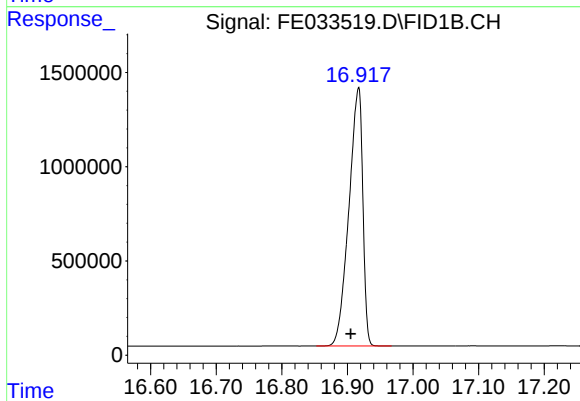
#14 n-Tetracosane (C24)

R.T.: 14.946 min
Delta R.T.: 0.010 min
Response: 21197379
Conc: 50.50 ug/ml



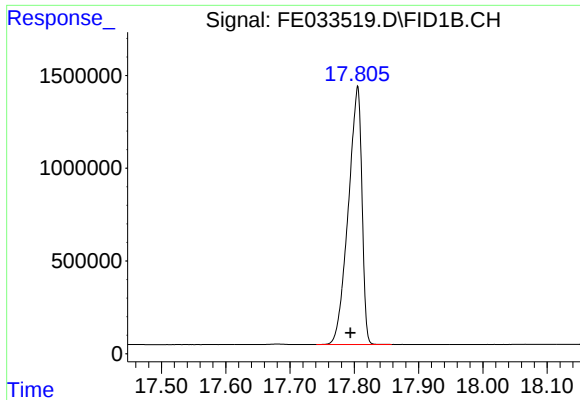
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.010 min
Response: 21029135
Conc: 50.55 ug/ml



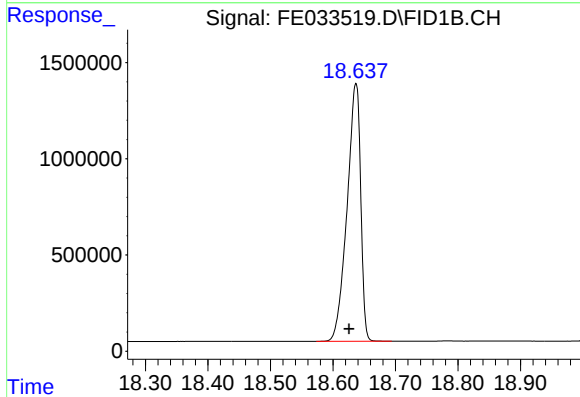
#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: 0.012 min
Response: 20137664
Conc: 50.56 ug/ml



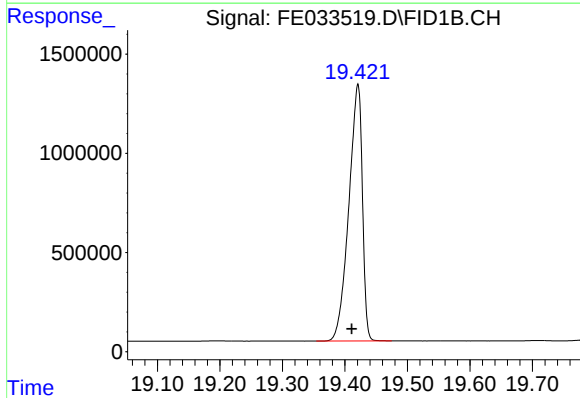
#17 n-Tricontane (C30)

R.T.: 17.805 min
Delta R.T.: 0.011 min
Response: 20515613
Conc: 50.48 ug/ml



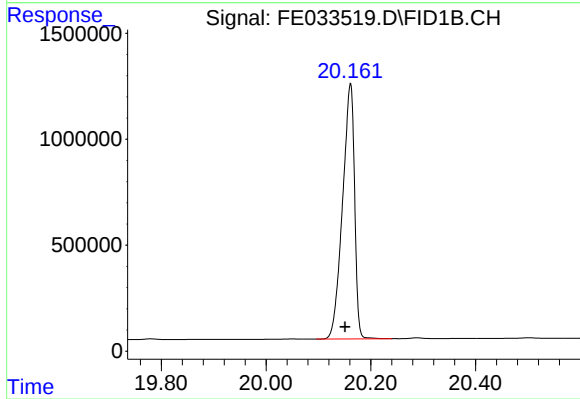
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: 0.011 min
Response: 20268620
Conc: 50.39 ug/ml



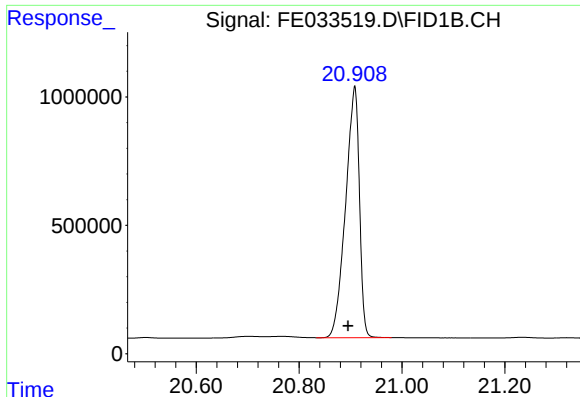
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: 0.010 min
Response: 19471265
Conc: 50.75 ug/ml



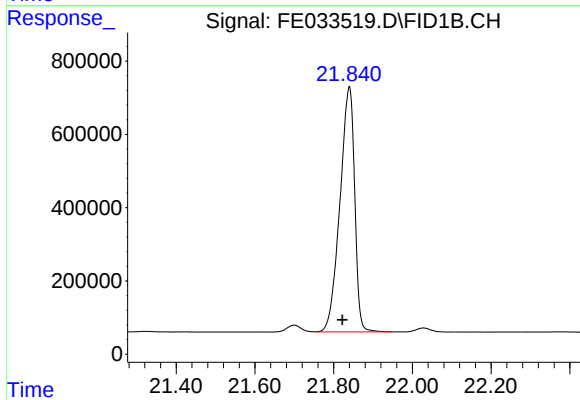
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: 0.011 min
Response: 19179662
Conc: 51.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: 0.013 min
Response: 18236934
Conc: 51.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.840 min
Delta R.T.: 0.017 min
Response: 17347930
Conc: 52.73 ug/ml