

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121321AL\
 Data File : FE034591.D
 Signal(s) : FID1B.CH
 Acq On : 14 Dec 2021 14:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 15:28:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:59:54 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)	11.633	2557776	21.038 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
12) S 1-chlorooctadecane (S...	13.059	2016637	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T n-Nonane (C9)	3.386	2259422	20.913 ug/ml
2) T n-Decane (C10)	4.456	2281565	20.977 ug/ml
3) T A~Naphthalene (C11.7)	6.053	2583530	21.059 ug/ml
4) T n-Dodecane (C12)	6.473	2266522	20.979 ug/ml
5) T A~2-methylnaphthalene...	7.107	2602474	21.091 ug/ml
6) T n-Tetradecane (C14)	8.266	2277500	20.934 ug/ml
7) T n-Hexadecane (C16)	9.864	2294580	20.951 ug/ml
8) T n-Octadecane (C18)	11.304	2364291	20.980 ug/ml
10) T n-Eicosane (C20)	12.612	2355084	20.988 ug/ml
11) T n-Heneicosane (C21)	13.224	2384839	20.970 ug/ml
13) T n-Docosane (C22)	13.809	2374473	20.997 ug/ml
14) T n-Tetracosane (C24)	14.910	2399926	20.978 ug/ml
15) T n-Hexacosane (C26)	15.929	2364451	20.963 ug/ml
16) T n-Octacosane (C28)	16.879	2352855	21.023 ug/ml
17) T n-Tricontane (C30)	17.765	2309867	20.872 ug/ml
18) T n-Dotriacontane (C32)	18.596	2211221	21.074 ug/ml
19) T n-Tetratriacontane (C34)	19.379	2205538	21.896 ug/ml
20) T n-Hexatriacontane (C36)	20.116	2076263	21.927 ug/ml
21) T n-Octatriacontane (C38)	20.859	1931453	22.770 ug/ml
22) T n-Tetracontane (C40)	21.784	1880761	24.269 ug/ml

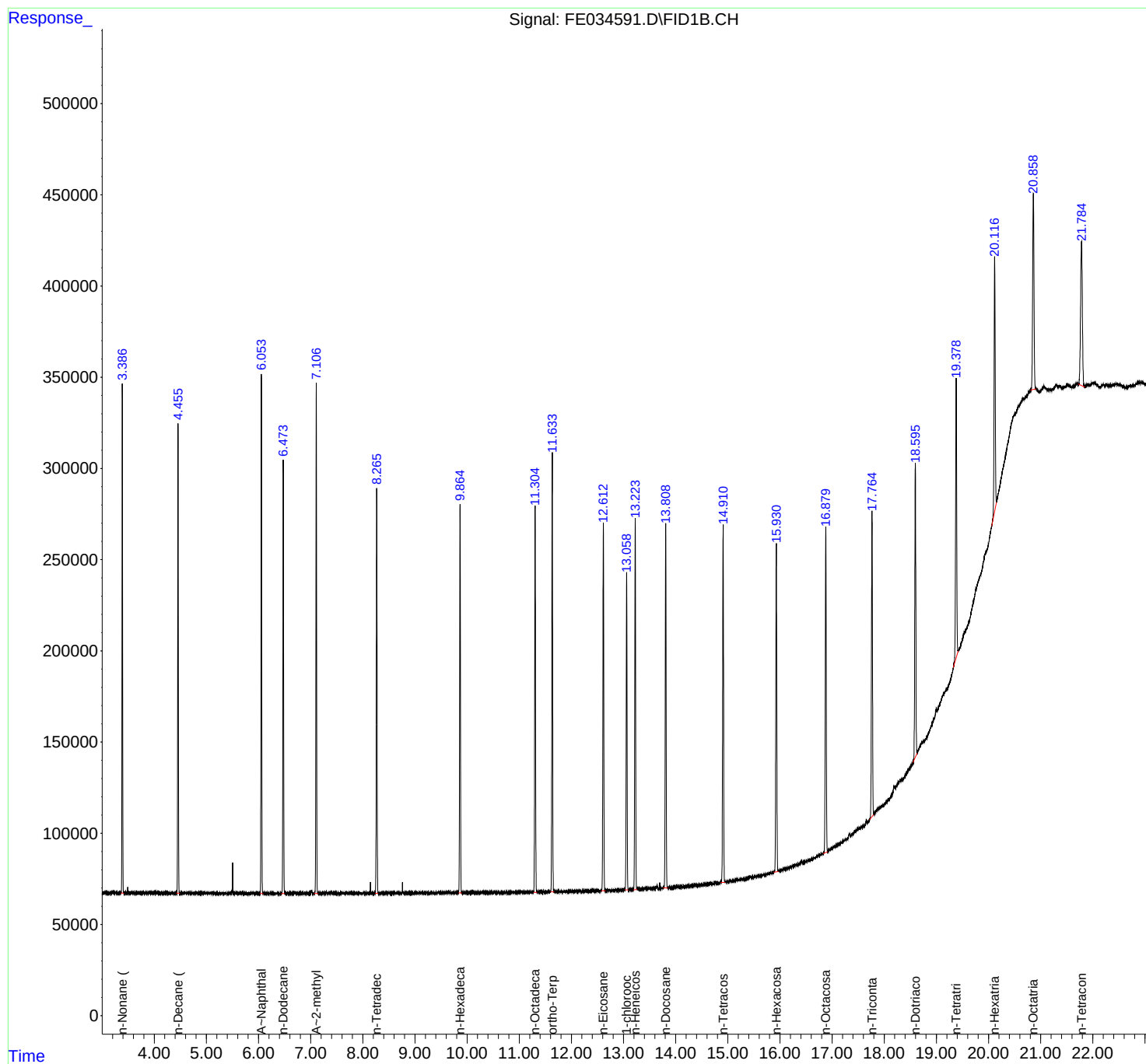
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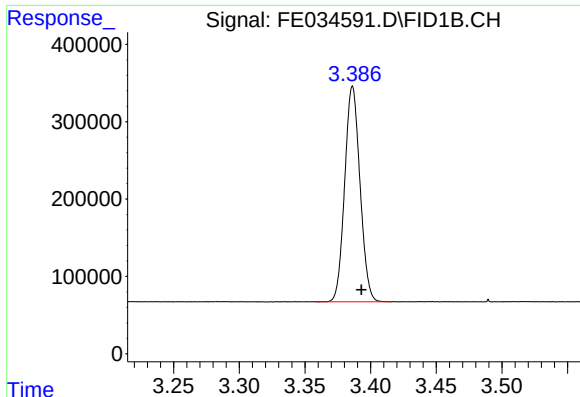
(m)=manual int.

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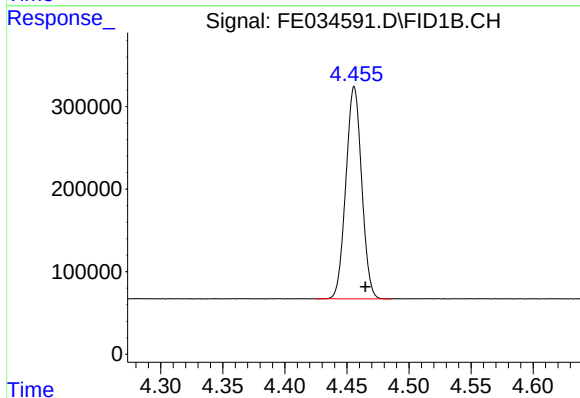
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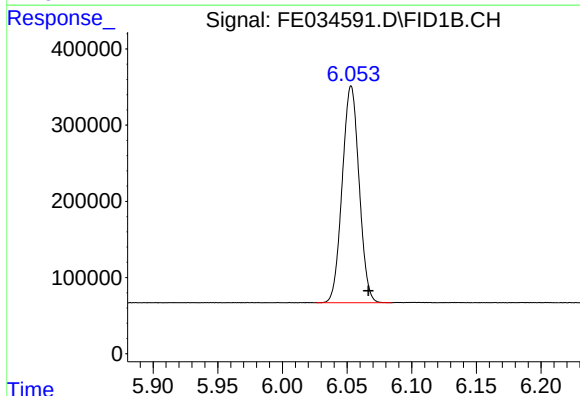
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.007 min
Response: 2259422
Conc: 20.91 ug/ml



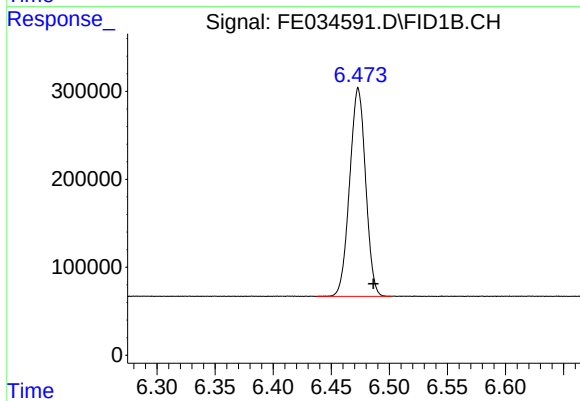
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.009 min
Response: 2281565
Conc: 20.98 ug/ml



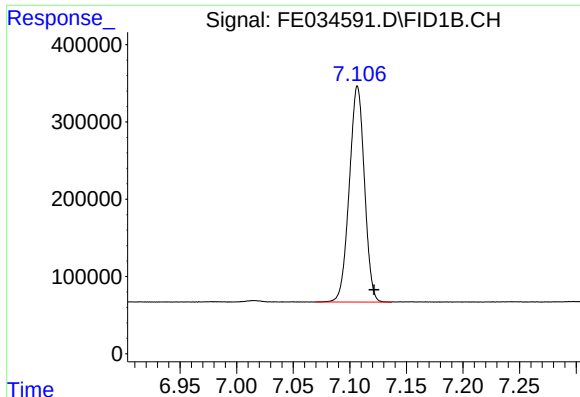
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.013 min
Response: 2583530
Conc: 21.06 ug/ml



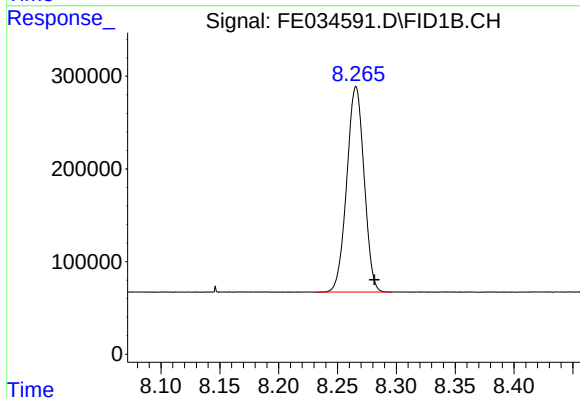
#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.013 min
Response: 2266522
Conc: 20.98 ug/ml



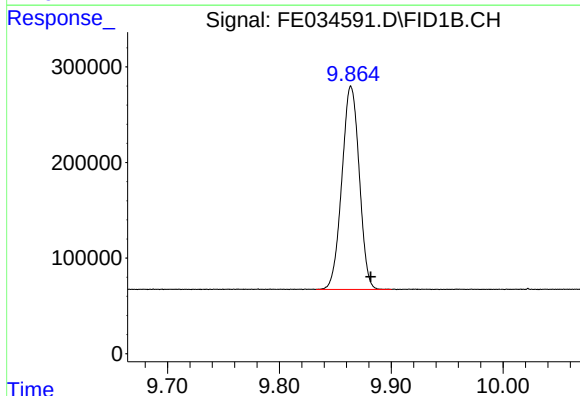
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.015 min
Response: 2602474
Conc: 21.09 ug/ml



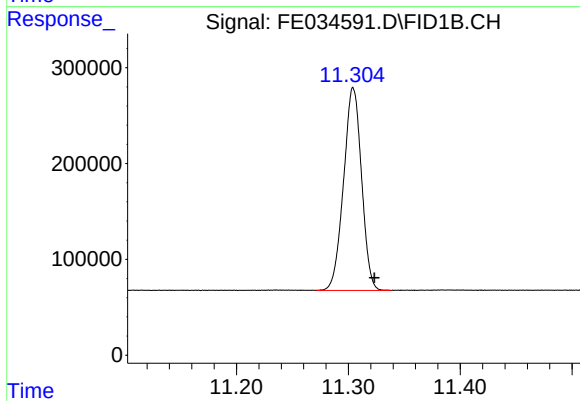
#6 n-Tetradecane (C14)

R.T.: 8.266 min
Delta R.T.: -0.016 min
Response: 2277500
Conc: 20.93 ug/ml



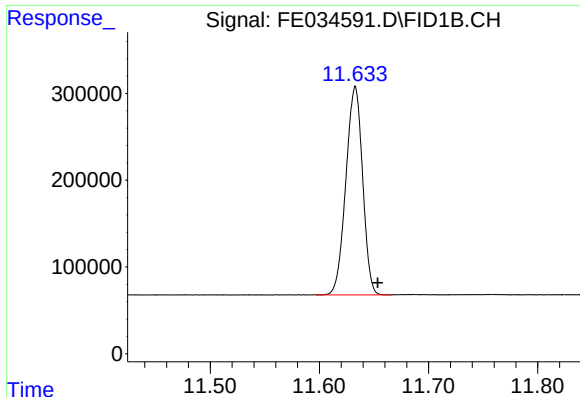
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: -0.018 min
Response: 2294580
Conc: 20.95 ug/ml



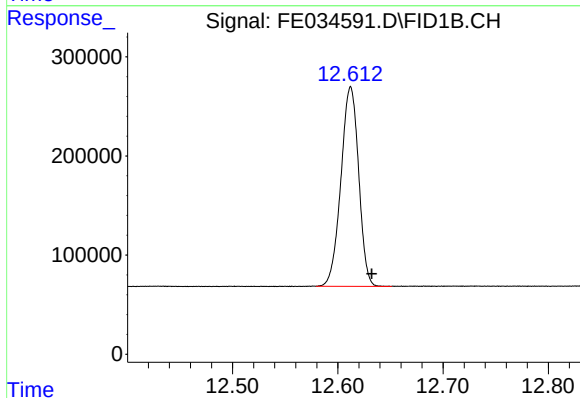
#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.019 min
Response: 2364291
Conc: 20.98 ug/ml



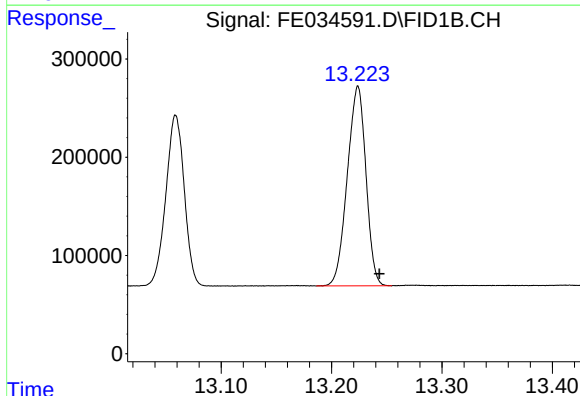
#9 ortho-Terphenyl (SURR)

R.T.: 11.633 min
Delta R.T.: -0.021 min
Response: 2557776
Conc: 21.04 ug/ml



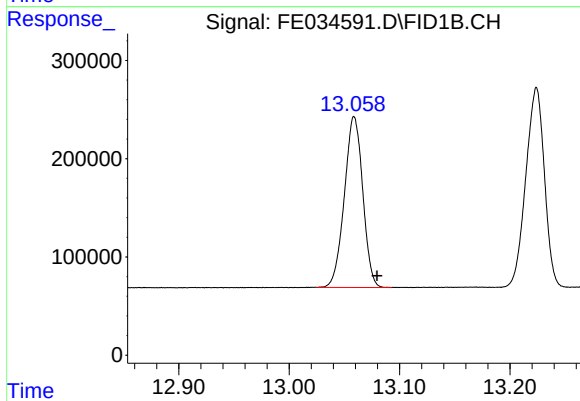
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.020 min
Response: 2355084
Conc: 20.99 ug/ml



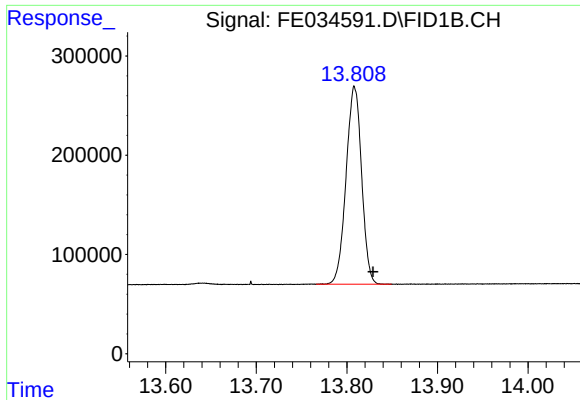
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: -0.019 min
Response: 2384839
Conc: 20.97 ug/ml



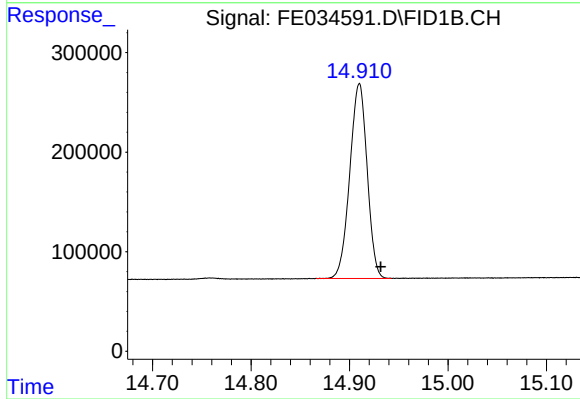
#12 1-chlorooctadecane (SURR)

R.T.: 13.059 min
Delta R.T.: -0.021 min
Response: 2016637
Conc: 21.05 ug/ml



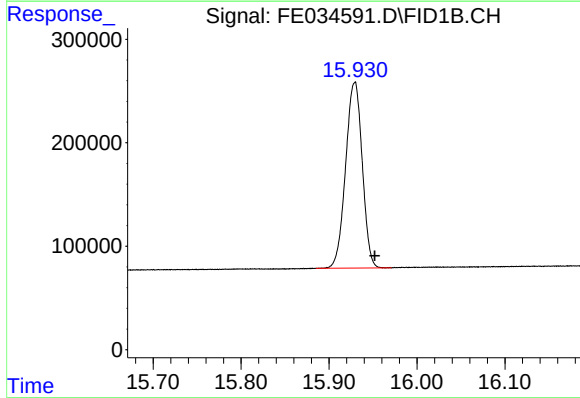
#13 n-Docosane (C22)

R.T.: 13.809 min
Delta R.T.: -0.021 min
Response: 2374473
Conc: 21.00 ug/ml



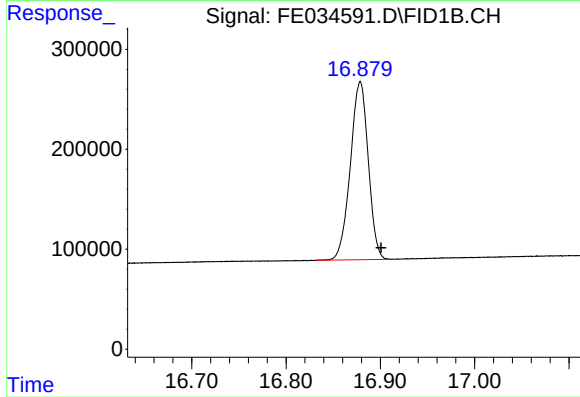
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.022 min
Response: 2399926
Conc: 20.98 ug/ml



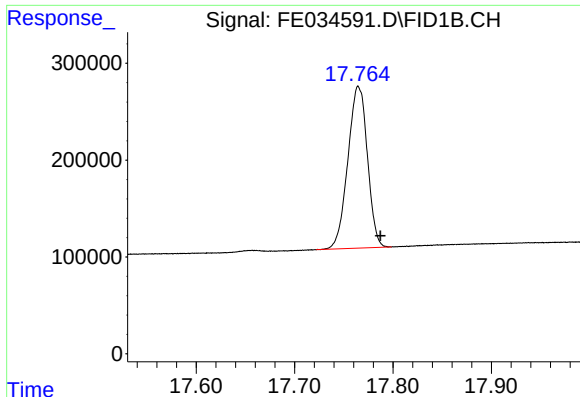
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: -0.023 min
Response: 2364451
Conc: 20.96 ug/ml



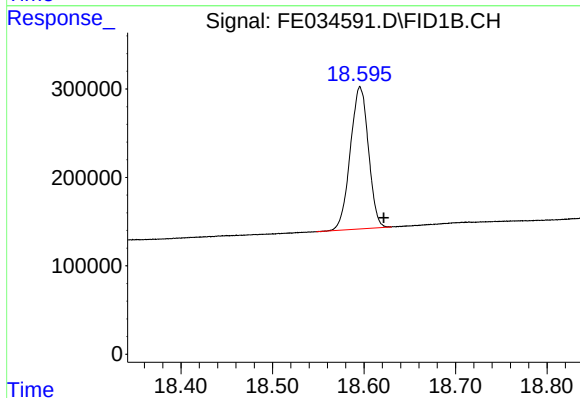
#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: -0.022 min
Response: 2352855
Conc: 21.02 ug/ml



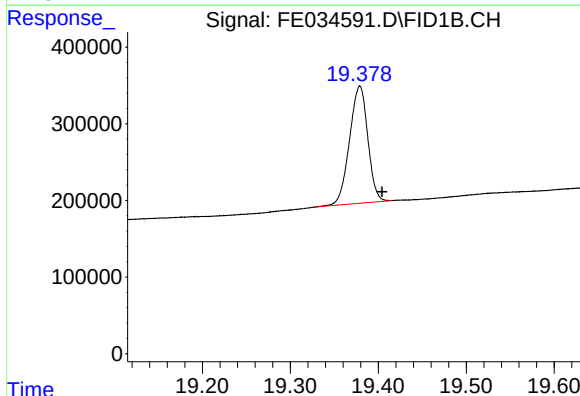
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: -0.022 min
Response: 2309867
Conc: 20.87 ug/ml



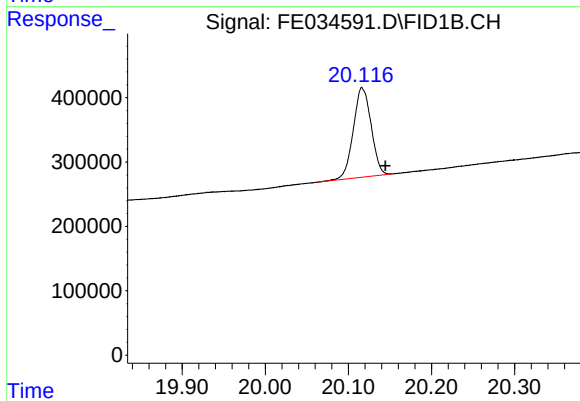
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.026 min
Response: 2211221
Conc: 21.07 ug/ml



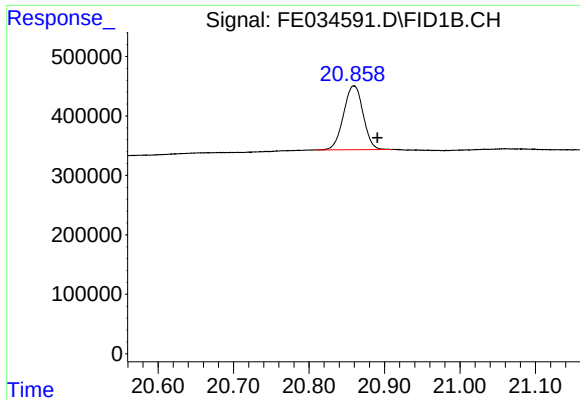
#19 n-Tetratriacontane (C34)

R.T.: 19.379 min
Delta R.T.: -0.025 min
Response: 2205538
Conc: 21.90 ug/ml



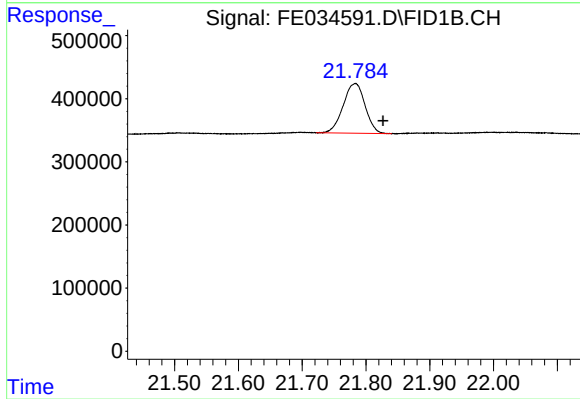
#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: -0.028 min
Response: 2076263
Conc: 21.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.031 min
Response: 1931453
Conc: 22.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.784 min
Delta R.T.: -0.043 min
Response: 1880761
Conc: 24.27 ug/ml