

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021622AL\
 Data File : FE035037.D
 Signal(s) : FID1B.CH
 Acq On : 16 Feb 2022 10:54
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 13:00:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021622.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 12:56:59 2022
 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)	11.787	103371934	102.093 ug/ml
Spiked Amount 50.000		Recovery =	204.19%
12) S 1-chlorooctadecane (S...	13.198	81375918	103.283 ug/ml
Spiked Amount 50.000		Recovery =	206.57%
Target Compounds			
1) T n-Nonane (C9)	3.656	88243598	103.390 ug/ml
2) T n-Decane (C10)	4.650	90631403	103.452 ug/ml
3) T A~Naphthalene (C11.7)	6.209	97365259	101.423 ug/ml
4) T n-Dodecane (C12)	6.625	92982557	102.143 ug/ml
5) T A~2-methylnaphthalene...	7.264	99054191	102.055 ug/ml
6) T n-Tetradecane (C14)	8.411	93917749	102.647 ug/ml
7) T n-Hexadecane (C16)	10.007	94777007	102.526 ug/ml
8) T n-Octadecane (C18)	11.452	95507559	102.422 ug/ml
10) T n-Eicosane (C20)	12.753	94581626	102.468 ug/ml
11) T n-Heneicosane (C21)	13.367	94658756	102.566 ug/ml
13) T n-Docosane (C22)	13.950	94186128	102.596 ug/ml
14) T n-Tetracosane (C24)	15.047	92143114	102.165 ug/ml
15) T n-Hexacosane (C26)	16.062	87462991	101.735 ug/ml
16) T n-Octacosane (C28)	17.006	79449499	100.277 ug/ml
17) T n-Tricontane (C30)	17.887	67900389	98.246 ug/ml
18) T n-Dotriacontane (C32)	18.709	52723888	96.485 ug/ml
19) T n-Tetratriacontane (C34)	19.481	36746989	95.665 ug/ml
20) T n-Hexatriacontane (C36)	20.207	22962398	95.724 ug/ml
21) T n-Octatriacontane (C38)	20.952	13821307	96.565 ug/ml
22) T n-Tetracontane (C40)	21.884	9007673	99.018 ug/ml

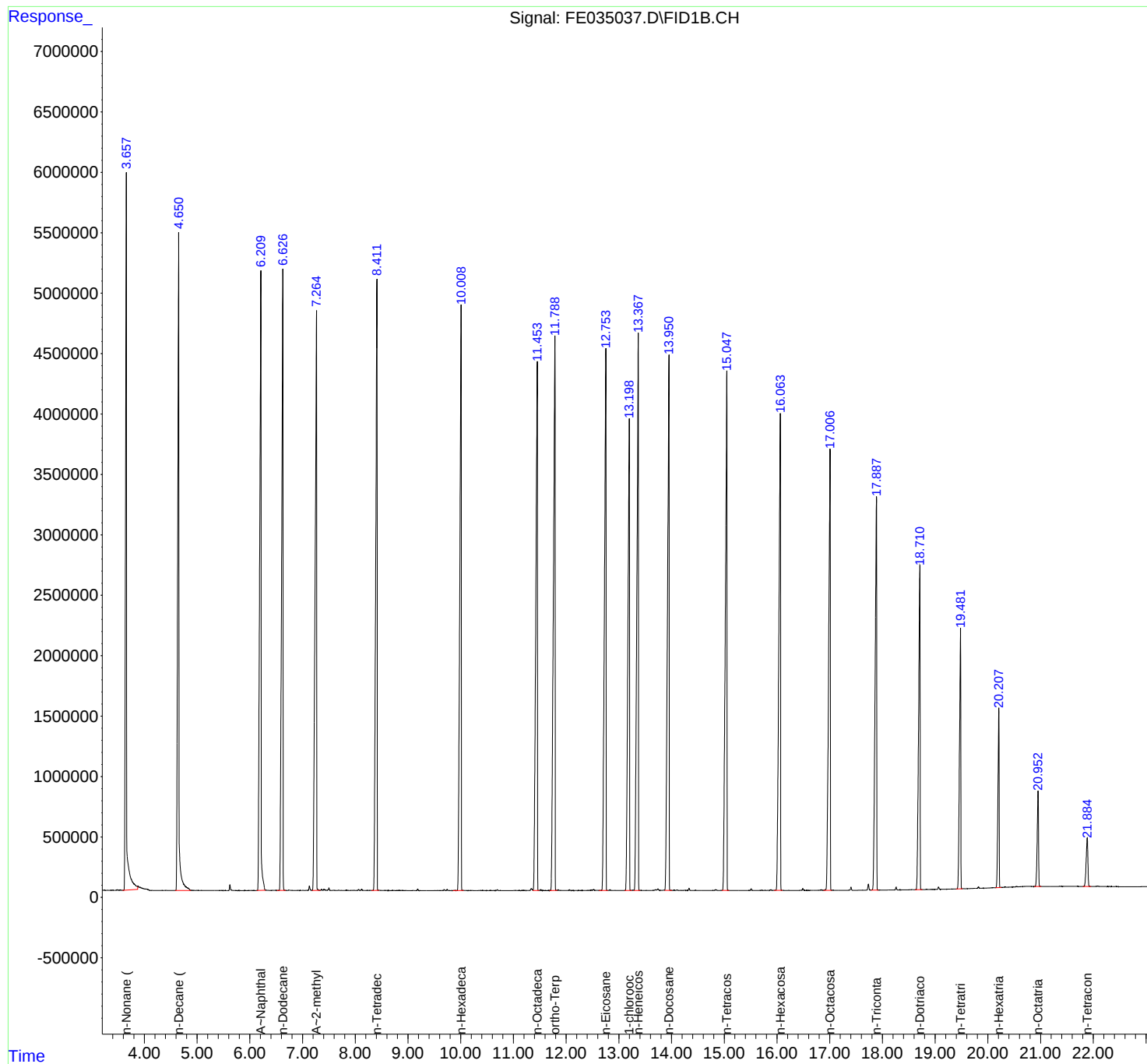
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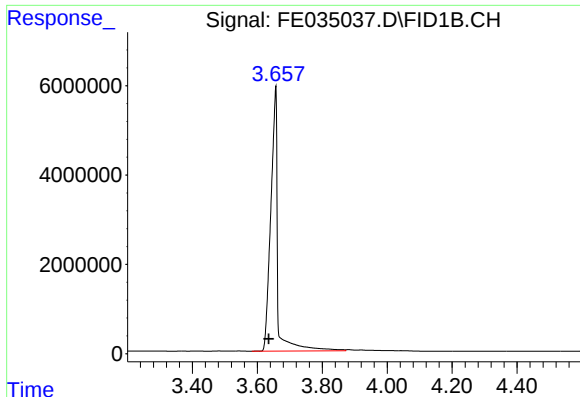
(m)=manual int.

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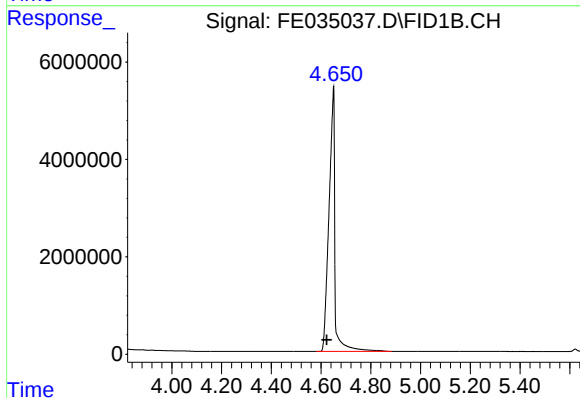
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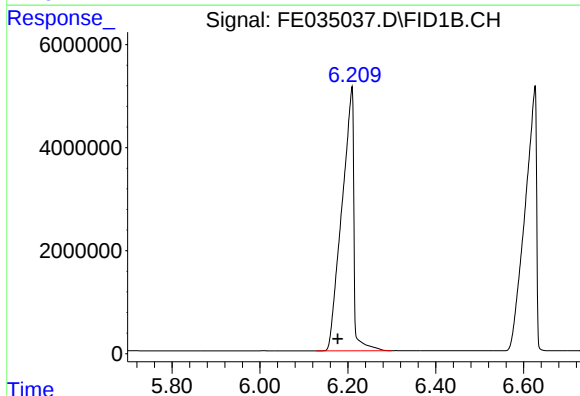
#1 n-Nonane (C9)

R.T.: 3.656 min
Delta R.T.: 0.021 min
Response: 88243598
Conc: 103.39 ug/ml



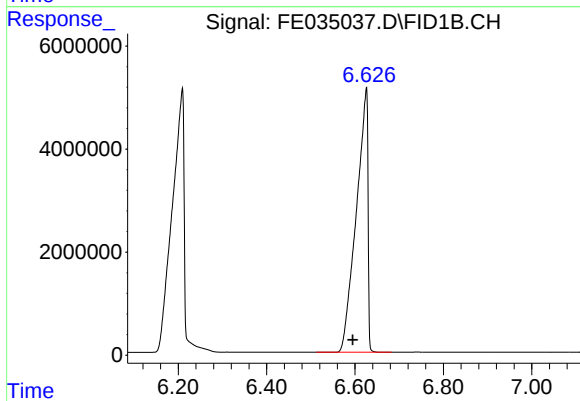
#2 n-Decane (C10)

R.T.: 4.650 min
Delta R.T.: 0.026 min
Response: 90631403
Conc: 103.45 ug/ml



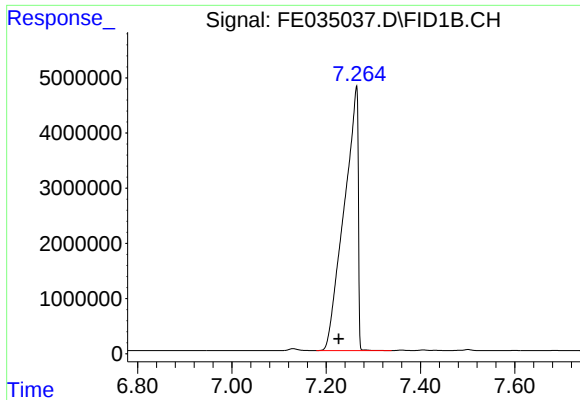
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: 0.032 min
Response: 97365259
Conc: 101.42 ug/ml



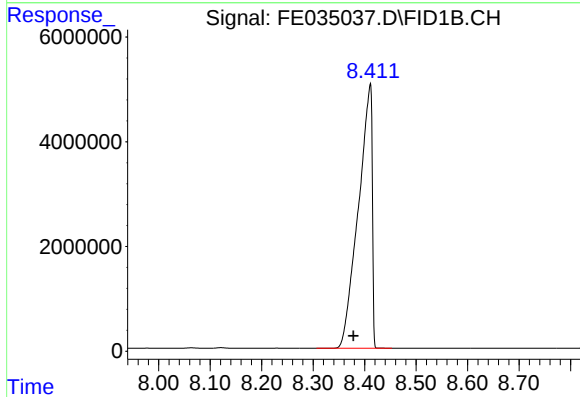
#4 n-Dodecane (C12)

R.T.: 6.625 min
Delta R.T.: 0.031 min
Response: 92982557
Conc: 102.14 ug/ml



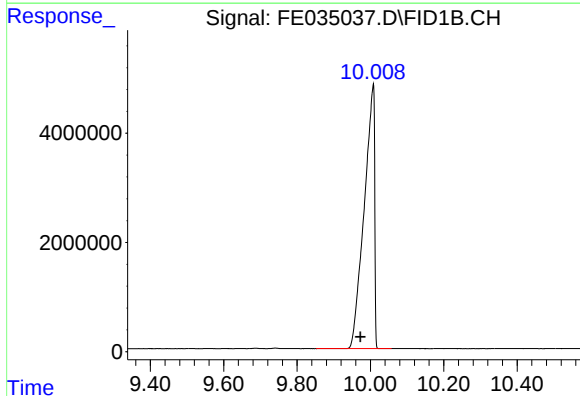
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.037 min
Response: 99054191
Conc: 102.05 ug/ml



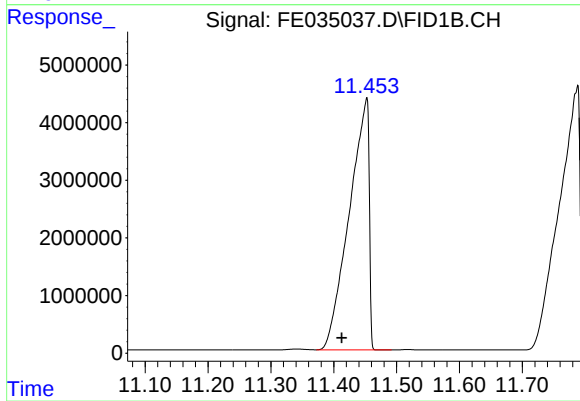
#6 n-Tetradecane (C14)

R.T.: 8.411 min
Delta R.T.: 0.032 min
Response: 93917749
Conc: 102.65 ug/ml



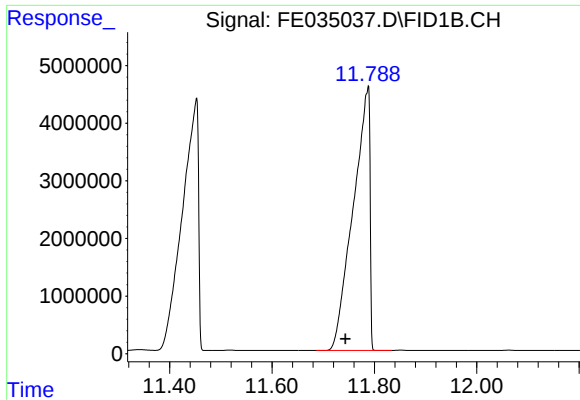
#7 n-Hexadecane (C16)

R.T.: 10.007 min
Delta R.T.: 0.035 min
Response: 94777007
Conc: 102.53 ug/ml



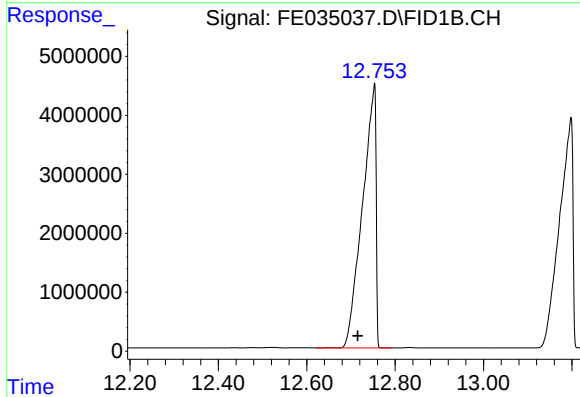
#8 n-Octadecane (C18)

R.T.: 11.452 min
Delta R.T.: 0.040 min
Response: 95507559
Conc: 102.42 ug/ml



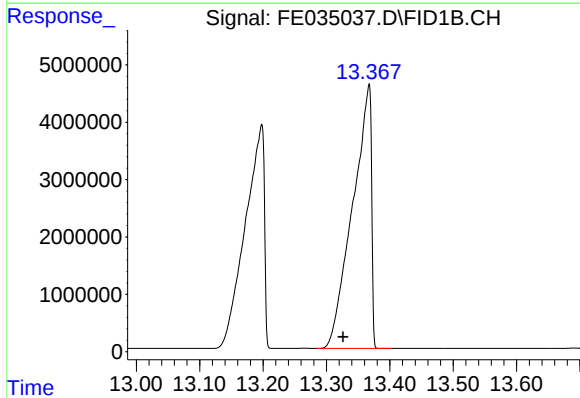
#9 ortho-Terphenyl (SURR)

R.T.: 11.787 min
Delta R.T.: 0.044 min
Response: 103371934
Conc: 102.09 ug/ml



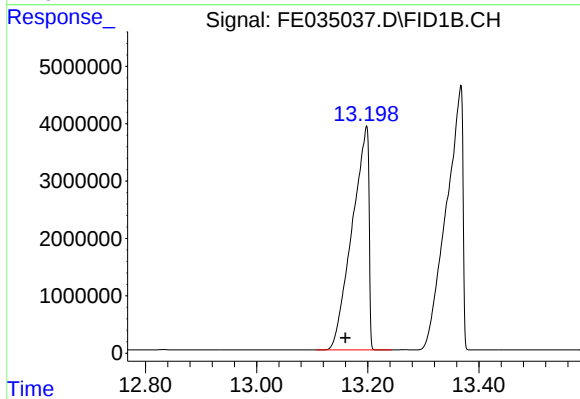
#10 n-Eicosane (C20)

R.T.: 12.753 min
Delta R.T.: 0.037 min
Response: 94581626
Conc: 102.47 ug/ml



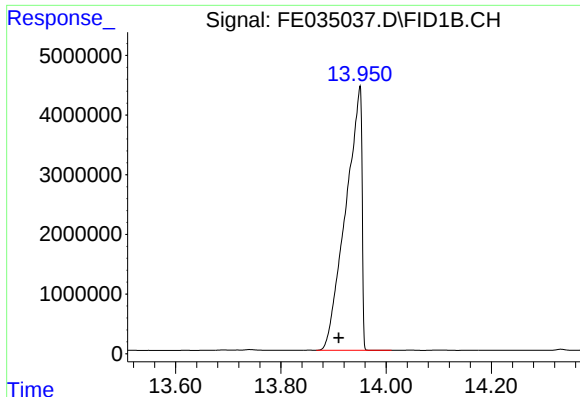
#11 n-Heneicosane (C21)

R.T.: 13.367 min
Delta R.T.: 0.040 min
Response: 94658756
Conc: 102.57 ug/ml



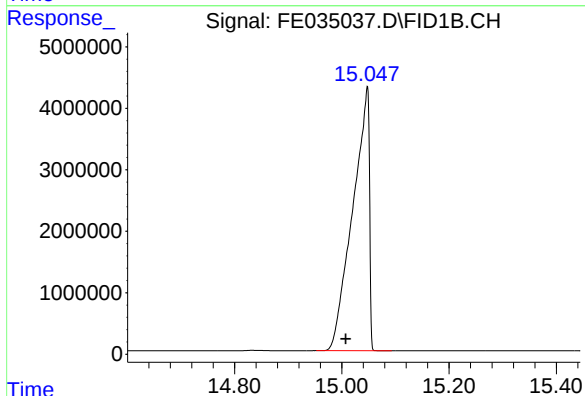
#12 1-chlorooctadecane (SURR)

R.T.: 13.198 min
Delta R.T.: 0.038 min
Response: 81375918
Conc: 103.28 ug/ml



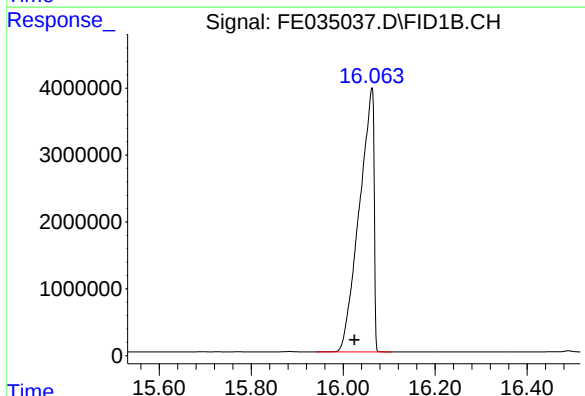
#13 n-Docosane (C22)

R.T.: 13.950 min
Delta R.T.: 0.040 min
Response: 94186128
Conc: 102.60 ug/ml



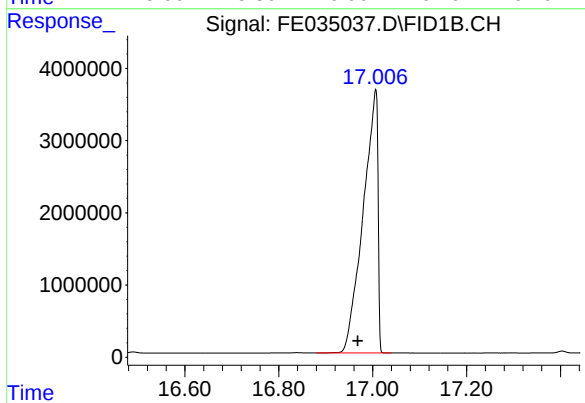
#14 n-Tetracosane (C24)

R.T.: 15.047 min
Delta R.T.: 0.040 min
Response: 92143114
Conc: 102.17 ug/ml



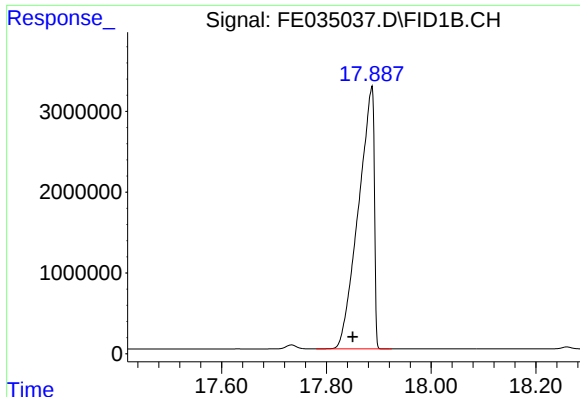
#15 n-Hexacosane (C26)

R.T.: 16.062 min
Delta R.T.: 0.038 min
Response: 87462991
Conc: 101.73 ug/ml



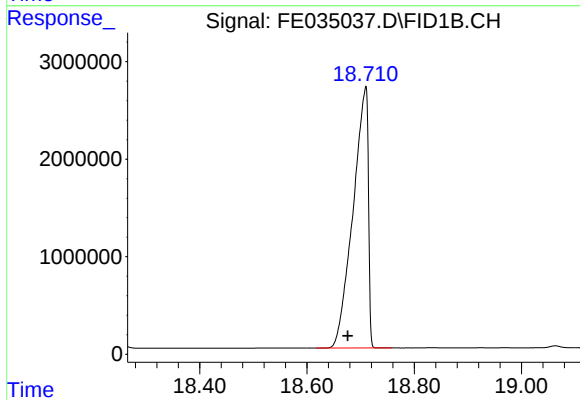
#16 n-Octacosane (C28)

R.T.: 17.006 min
Delta R.T.: 0.038 min
Response: 79449499
Conc: 100.28 ug/ml



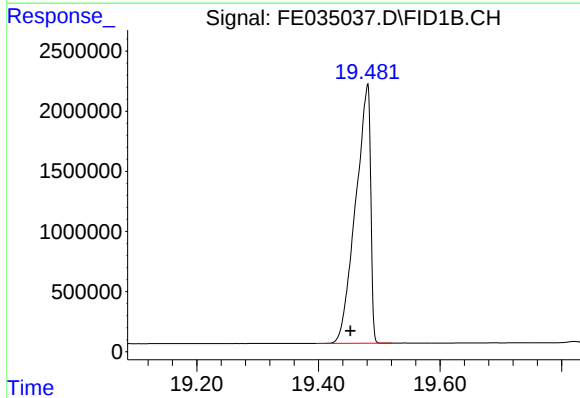
#17 n-Tricontane (C30)

R.T.: 17.887 min
Delta R.T.: 0.036 min
Response: 67900389
Conc: 98.25 ug/ml



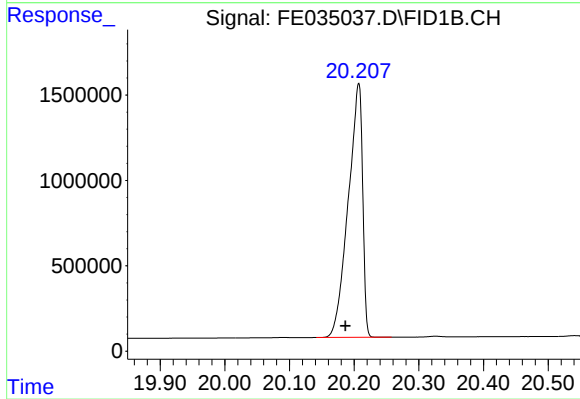
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: 0.033 min
Response: 52723888
Conc: 96.48 ug/ml



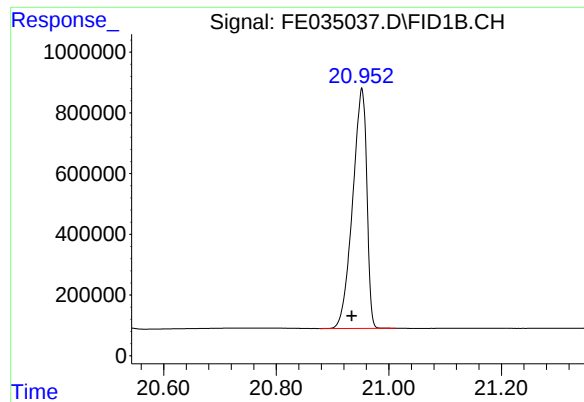
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: 0.028 min
Response: 36746989
Conc: 95.66 ug/ml



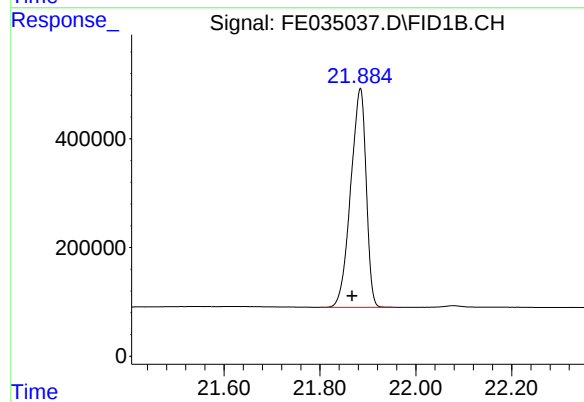
#20 n-Hexatriacontane (C36)

R.T.: 20.207 min
Delta R.T.: 0.020 min
Response: 22962398
Conc: 95.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.018 min
Response: 13821307
Conc: 96.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: 0.018 min
Response: 9007673
Conc: 99.02 ug/ml