

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051022AL\
 Data File : FE035610.D
 Signal(s) : FID1B.CH
 Acq On : 10 May 2022 18:30
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 03:19:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:18:27 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)	10.960	6425632	49.151 ug/ml
Spiked Amount 50.000		Recovery =	98.30%
12) S 1-chlorooctadecane (S...	12.392	5069152	49.262 ug/ml
Spiked Amount 50.000		Recovery =	98.52%
Target Compounds			
1) T n-Nonane (C9)	2.808	5779532	49.087 ug/ml
2) T n-Decane (C10)	3.823	5727705	49.113 ug/ml
3) T A~Naphthalene (C11.7)	5.388	6467199	49.141 ug/ml
4) T n-Dodecane (C12)	5.815	5789958	49.044 ug/ml
5) T A~2-methylnaphthalene...	6.438	6536542	49.057 ug/ml
6) T n-Tetradecane (C14)	7.604	5752584	48.975 ug/ml
7) T n-Hexadecane (C16)	9.202	5762943	49.122 ug/ml
8) T n-Octadecane (C18)	10.642	5802939	49.221 ug/ml
10) T n-Eicosane (C20)	11.948	5781526	49.181 ug/ml
11) T n-Heneicosane (C21)	12.559	5819583	49.249 ug/ml
13) T n-Docosane (C22)	13.144	5832119	49.231 ug/ml
14) T n-Tetracosane (C24)	14.245	5861797	49.186 ug/ml
15) T n-Hexacosane (C26)	15.265	5855790	49.138 ug/ml
16) T n-Octacosane (C28)	16.212	5856297	49.180 ug/ml
17) T n-Tricontane (C30)	17.097	5767385	48.828 ug/ml
18) T n-Dotriacontane (C32)	17.928	5486457	48.534 ug/ml
19) T n-Tetratriacontane (C34)	18.711	5169684	48.362 ug/ml
20) T n-Hexatriacontane (C36)	19.449	4822488	48.370 ug/ml
21) T n-Octatriacontane (C38)	20.186	4555484	48.127 ug/ml
22) T n-Tetracontane (C40)	21.104	4482522	48.446 ug/ml

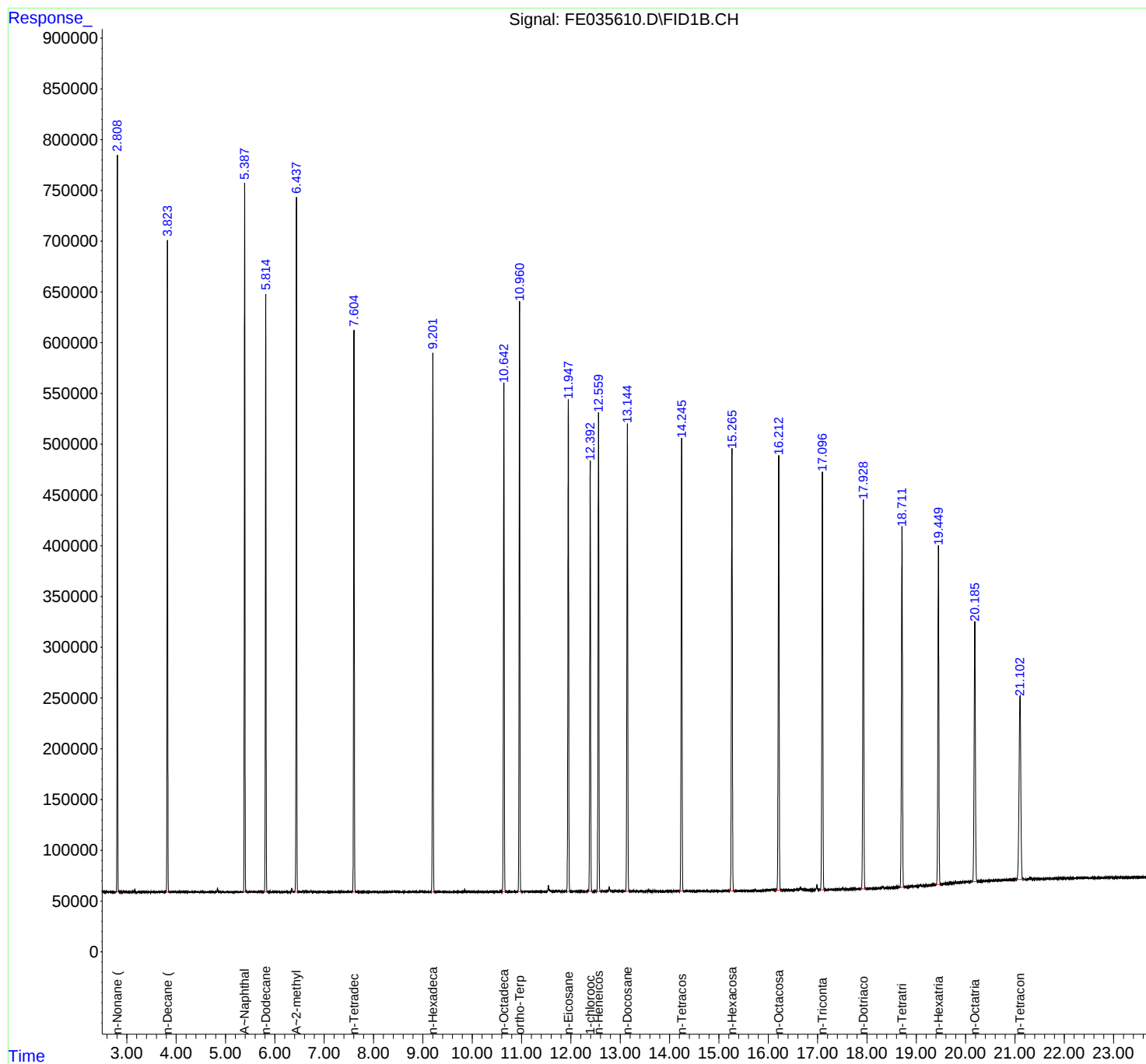
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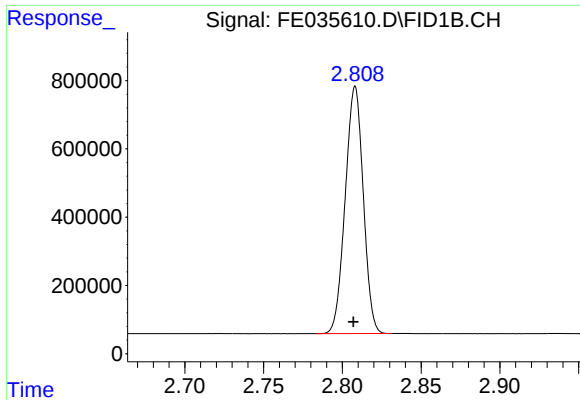
(m)=manual int.

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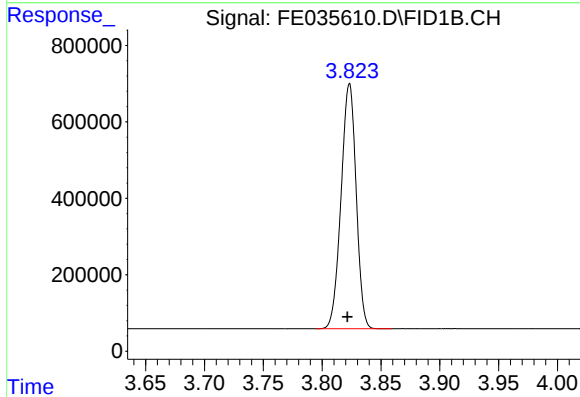
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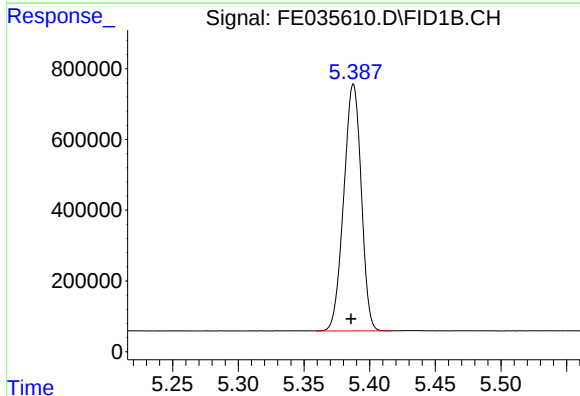
#1 n-Nonane (C9)

R.T.: 2.808 min
Delta R.T.: 0.001 min
Response: 5779532
Conc: 49.09 ug/ml



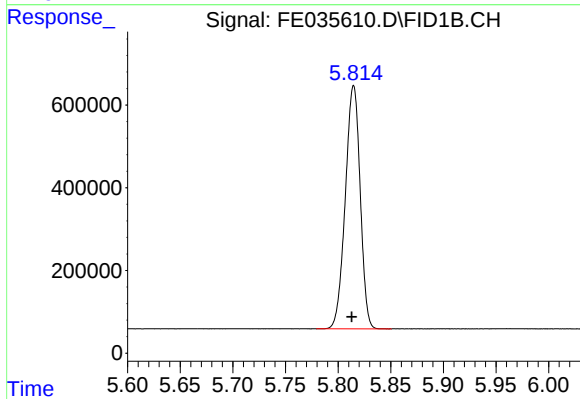
#2 n-Decane (C10)

R.T.: 3.823 min
Delta R.T.: 0.002 min
Response: 5727705
Conc: 49.11 ug/ml



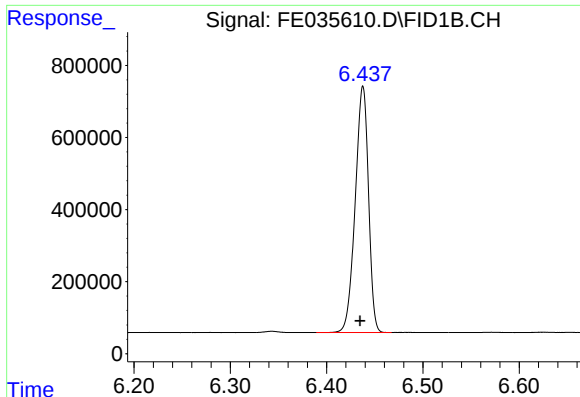
#3 A~Naphthalene (C11.7)

R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 6467199
Conc: 49.14 ug/ml



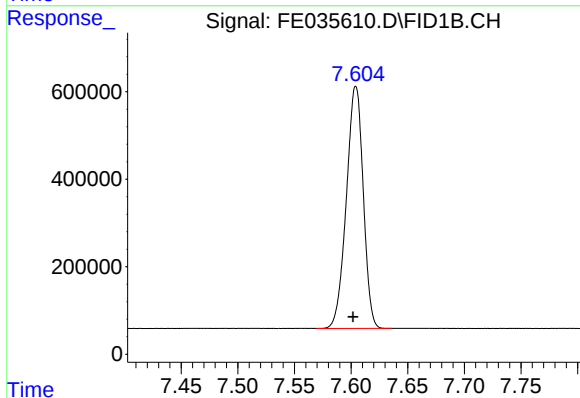
#4 n-Dodecane (C12)

R.T.: 5.815 min
Delta R.T.: 0.002 min
Response: 5789958
Conc: 49.04 ug/ml



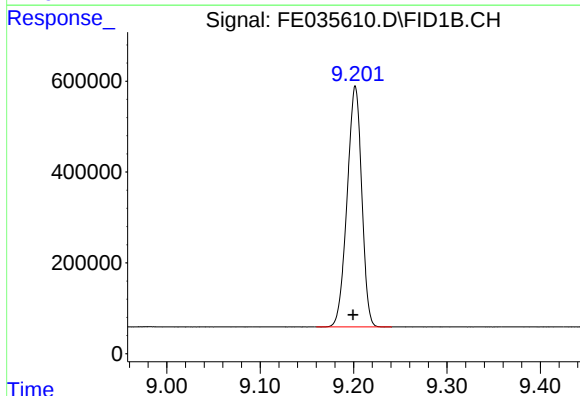
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.438 min
Delta R.T.: 0.003 min
Response: 6536542
Conc: 49.06 ug/ml



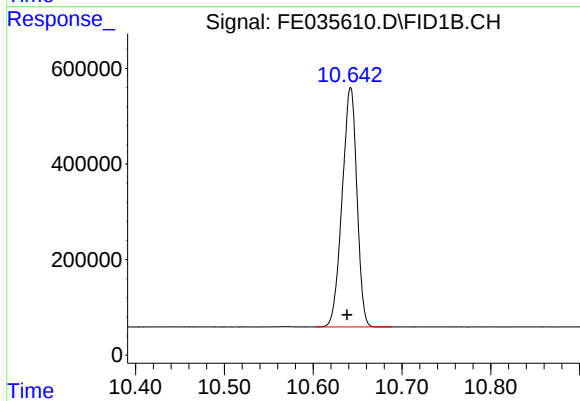
#6 n-Tetradecane (C14)

R.T.: 7.604 min
Delta R.T.: 0.002 min
Response: 5752584
Conc: 48.98 ug/ml



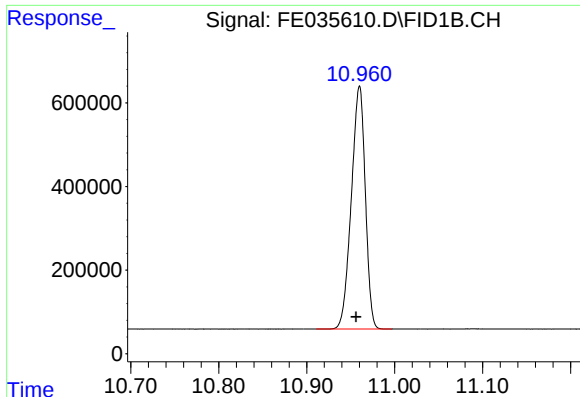
#7 n-Hexadecane (C16)

R.T.: 9.202 min
Delta R.T.: 0.003 min
Response: 5762943
Conc: 49.12 ug/ml



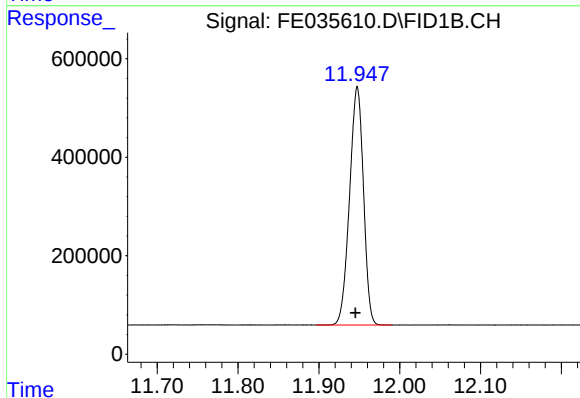
#8 n-Octadecane (C18)

R.T.: 10.642 min
Delta R.T.: 0.004 min
Response: 5802939
Conc: 49.22 ug/ml



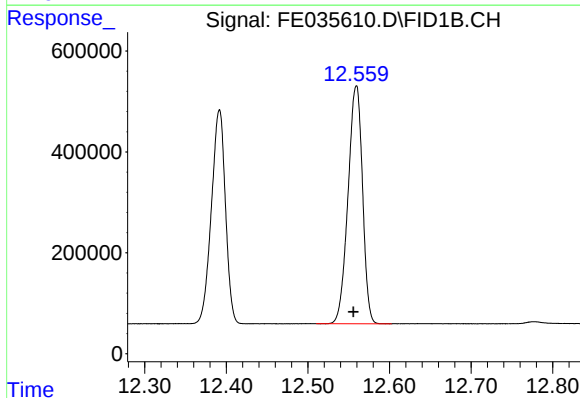
#9 ortho-Terphenyl (SURR)

R.T.: 10.960 min
Delta R.T.: 0.004 min
Response: 6425632
Conc: 49.15 ug/ml



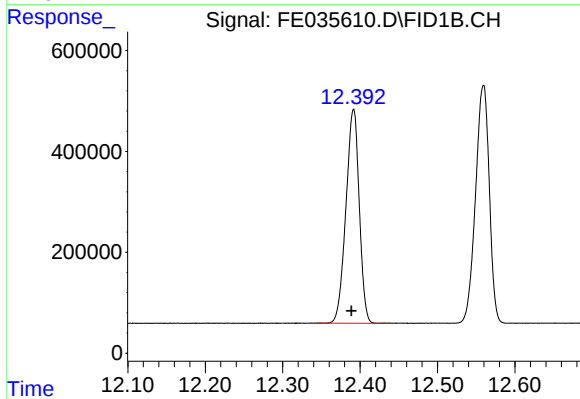
#10 n-Eicosane (C20)

R.T.: 11.948 min
Delta R.T.: 0.003 min
Response: 5781526
Conc: 49.18 ug/ml



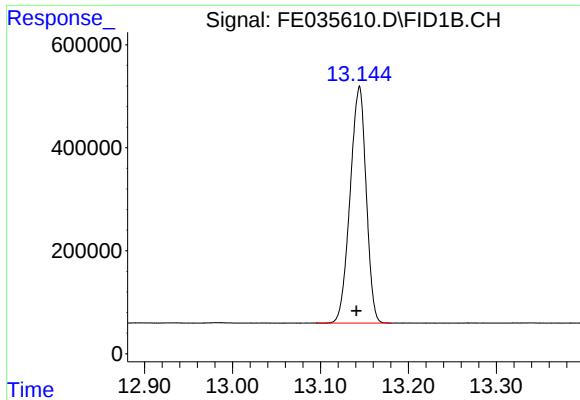
#11 n-Heneicosane (C21)

R.T.: 12.559 min
Delta R.T.: 0.004 min
Response: 5819583
Conc: 49.25 ug/ml



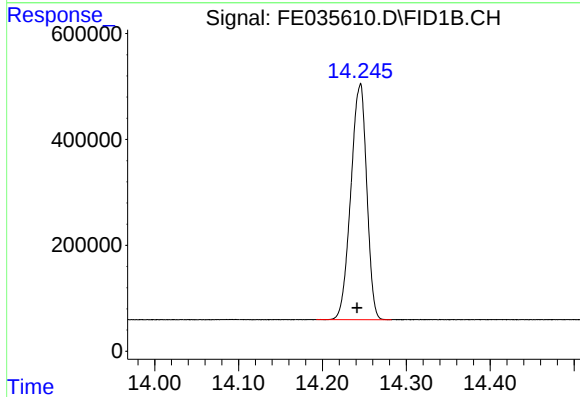
#12 1-chlorooctadecane (SURR)

R.T.: 12.392 min
Delta R.T.: 0.003 min
Response: 5069152
Conc: 49.26 ug/ml



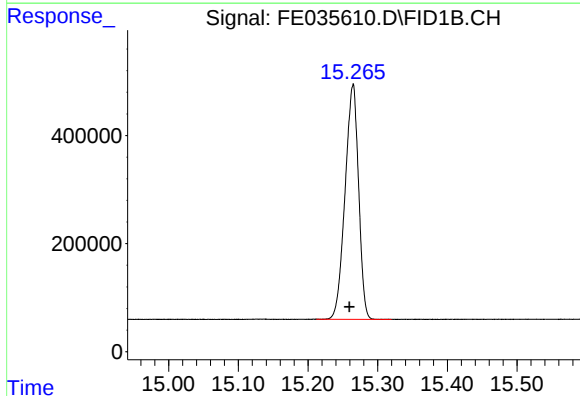
#13 n-Docosane (C22)

R.T.: 13.144 min
Delta R.T.: 0.004 min
Response: 5832119
Conc: 49.23 ug/ml



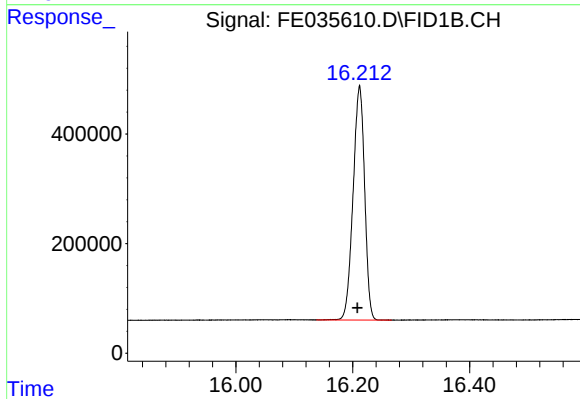
#14 n-Tetracosane (C24)

R.T.: 14.245 min
Delta R.T.: 0.004 min
Response: 5861797
Conc: 49.19 ug/ml



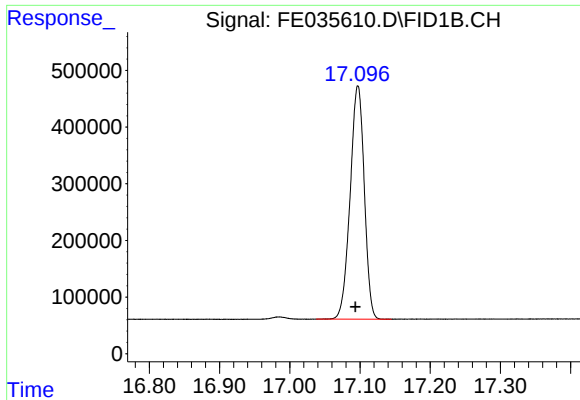
#15 n-Hexacosane (C26)

R.T.: 15.265 min
Delta R.T.: 0.005 min
Response: 5855790
Conc: 49.14 ug/ml



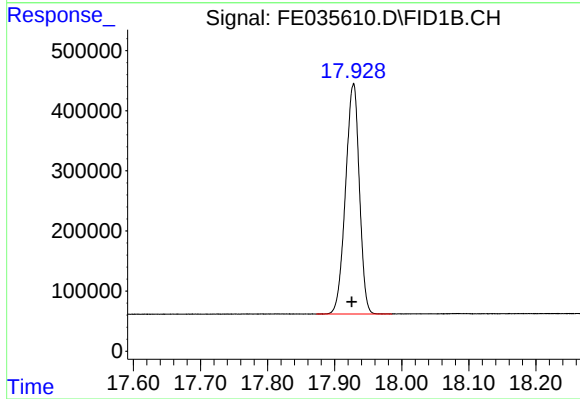
#16 n-Octacosane (C28)

R.T.: 16.212 min
Delta R.T.: 0.004 min
Response: 5856297
Conc: 49.18 ug/ml



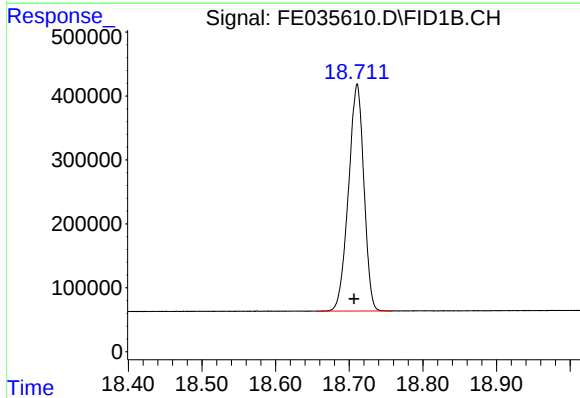
#17 n-Tricontane (C30)

R.T.: 17.097 min
Delta R.T.: 0.004 min
Response: 5767385
Conc: 48.83 ug/ml



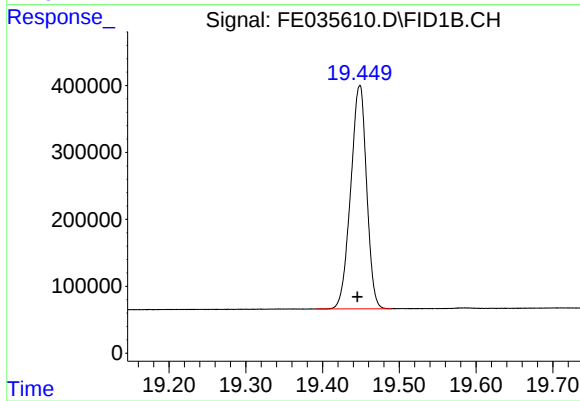
#18 n-Dotriacontane (C32)

R.T.: 17.928 min
Delta R.T.: 0.003 min
Response: 5486457
Conc: 48.53 ug/ml



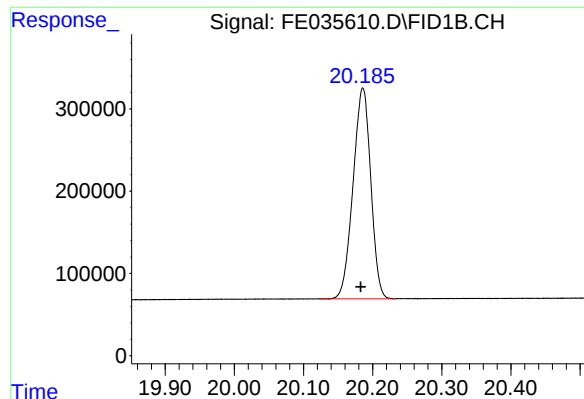
#19 n-Tetratriacontane (C34)

R.T.: 18.711 min
Delta R.T.: 0.004 min
Response: 5169684
Conc: 48.36 ug/ml



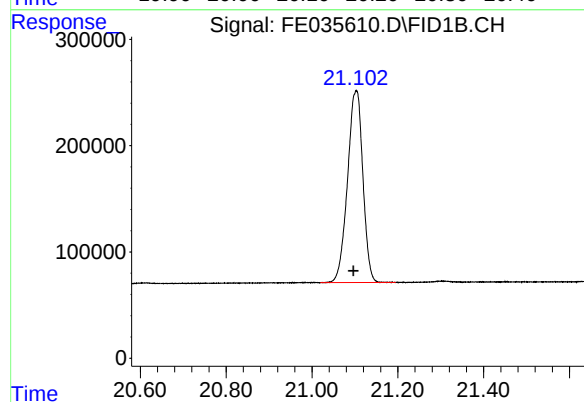
#20 n-Hexatriacontane (C36)

R.T.: 19.449 min
Delta R.T.: 0.003 min
Response: 4822488
Conc: 48.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.186 min
Delta R.T.: 0.003 min
Response: 4555484
Conc: 48.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.104 min
Delta R.T.: 0.007 min
Response: 4482522
Conc: 48.45 ug/ml