

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032922AL\
 Data File : FE035566.D
 Signal(s) : FID1B.CH
 Acq On : 29 Mar 2022 23:46
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 04:15:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:14:00 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)	11.326	528793	4.766 ug/ml
Spiked Amount 50.000		Recovery =	9.53%
12) S 1-chlorooctadecane (S...	12.761	385763	4.549 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
Target Compounds			
1) T n-Nonane (C9)	3.153	434596	4.376 ug/ml
2) T n-Decane (C10)	4.204	419328	4.305 ug/ml
3) T A~Naphthalene (C11.7)	5.780	351105	3.475 ug/ml
4) T n-Dodecane (C12)	6.207	431404	4.373 ug/ml
5) T A~2-methylnaphthalene...	6.830	324741	3.231 ug/ml
6) T n-Tetradecane (C14)	7.992	430729	4.437 ug/ml
7) T n-Hexadecane (C16)	9.584	444310	4.557 ug/ml
8) T n-Octadecane (C18)	11.017	454552	4.580 ug/ml
10) T n-Eicosane (C20)	12.320	466516	4.677 ug/ml
11) T n-Heneicosane (C21)	12.928	473217	4.702 ug/ml
13) T n-Docosane (C22)	13.511	473674	4.722 ug/ml
14) T n-Tetracosane (C24)	14.608	467671	4.738 ug/ml
15) T n-Hexacosane (C26)	15.623	466777	4.818 ug/ml
16) T n-Octacosane (C28)	16.567	439265	4.745 ug/ml
17) T n-Tricontane (C30)	17.450	426426	4.774 ug/ml
18) T n-Dotriacontane (C32)	18.277	432447	5.102 ug/ml
19) T n-Tetratriacontane (C34)	19.057	353728	4.564 ug/ml
20) T n-Hexatriacontane (C36)	19.792	306363	4.129 ug/ml
21) T n-Octatriacontane (C38)	20.491	318121	4.595 ug/ml
22) T n-Tetracontane (C40)	21.287	369097	5.189 ug/ml

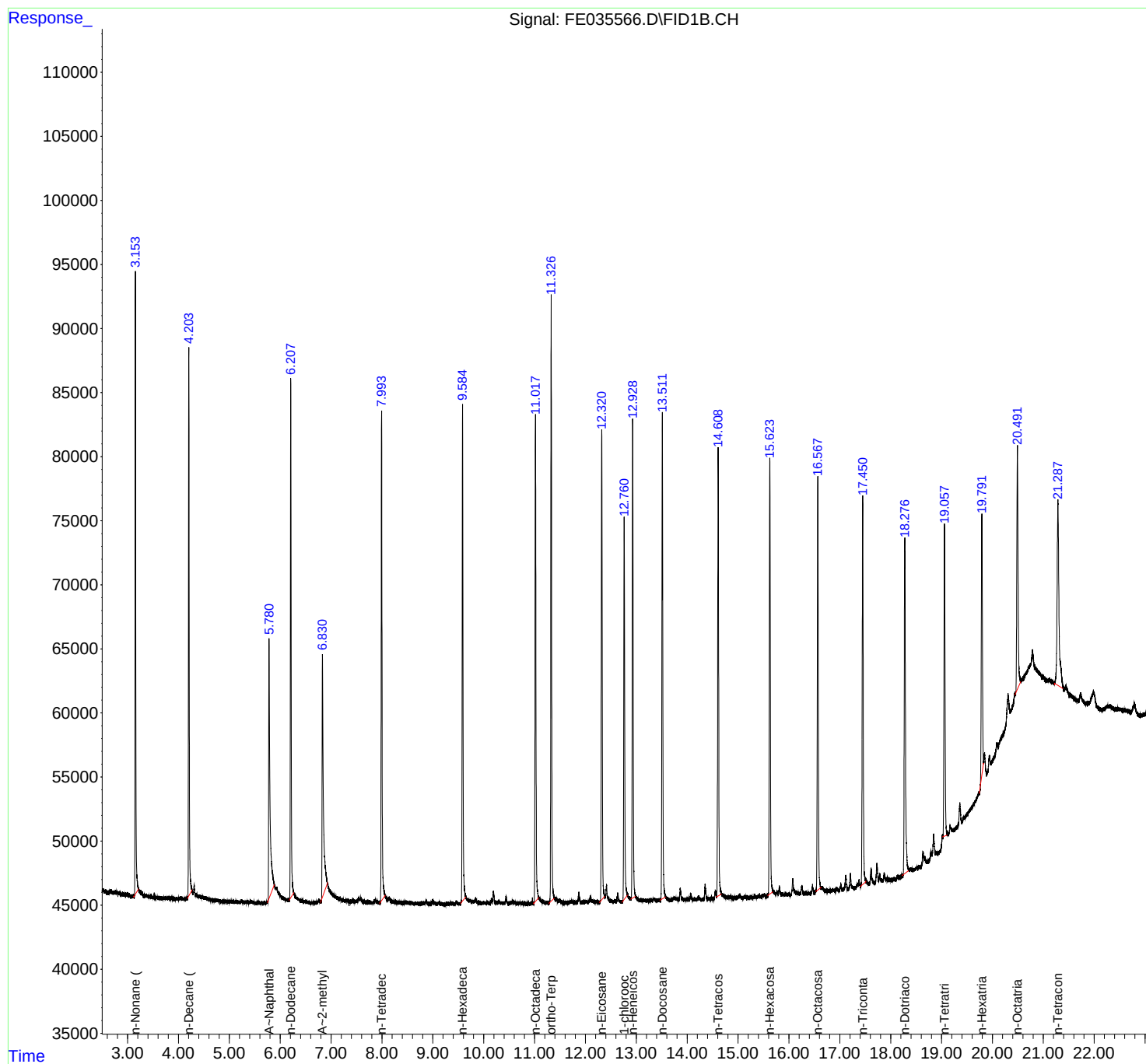
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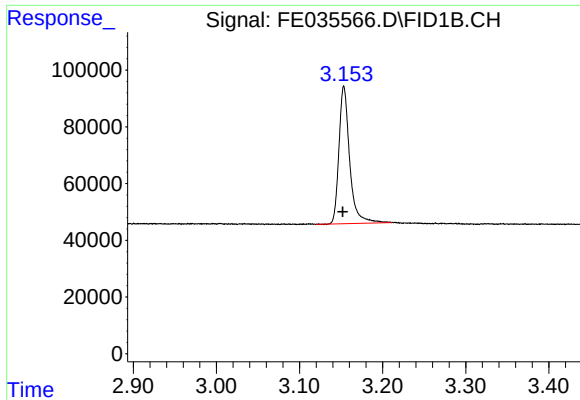
(m)=manual int.

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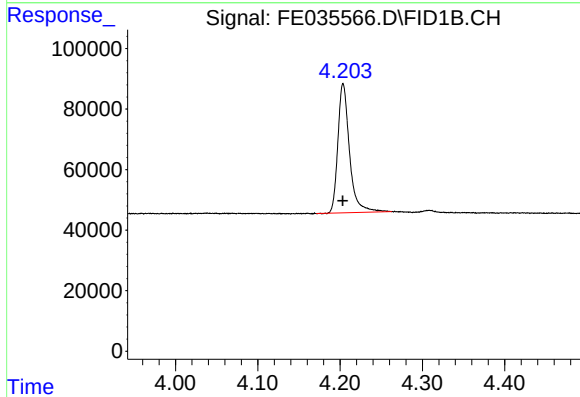
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





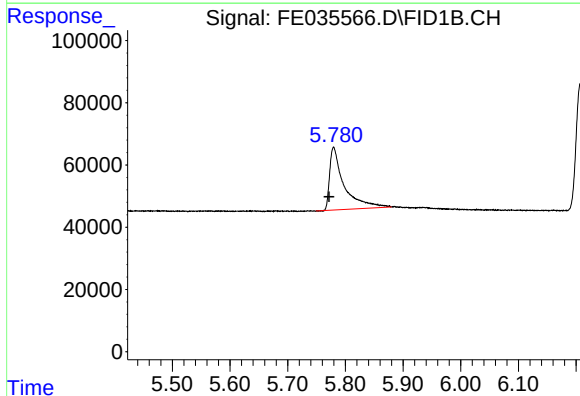
#1 n-Nonane (C9)

R.T.: 3.153 min
Delta R.T.: 0.001 min
Response: 434596
Conc: 4.38 ug/ml



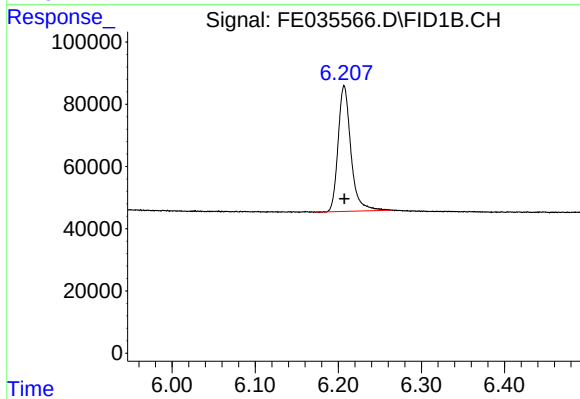
#2 n-Decane (C10)

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 419328
Conc: 4.30 ug/ml



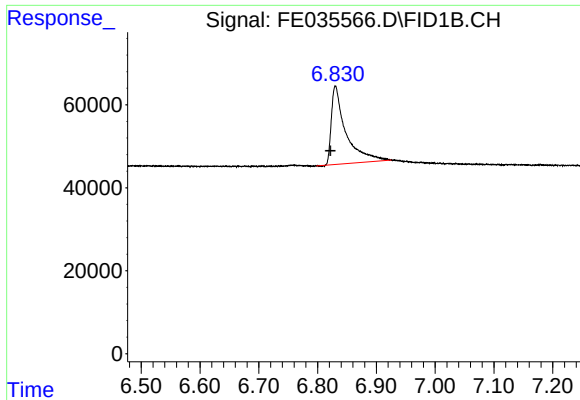
#3 A~Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: 0.008 min
Response: 351105
Conc: 3.48 ug/ml



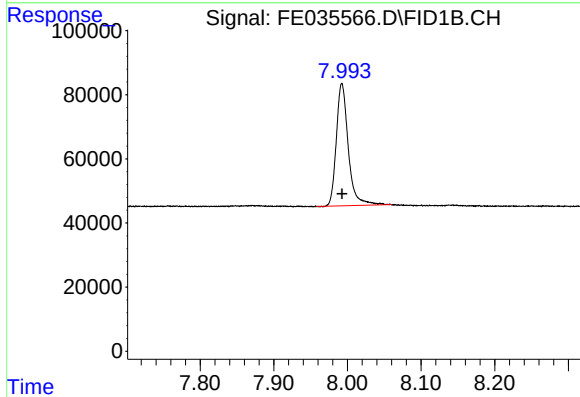
#4 n-Dodecane (C12)

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 431404
Conc: 4.37 ug/ml



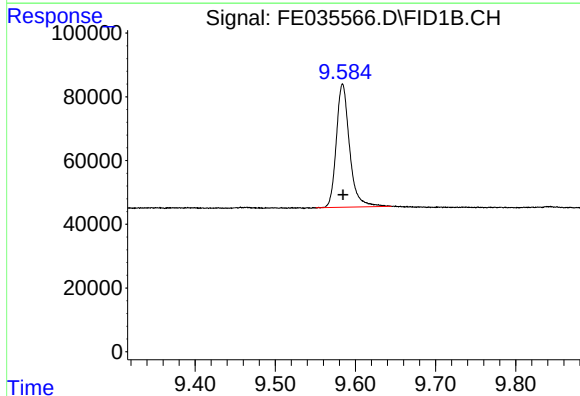
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: 0.008 min
Response: 324741
Conc: 3.23 ug/ml



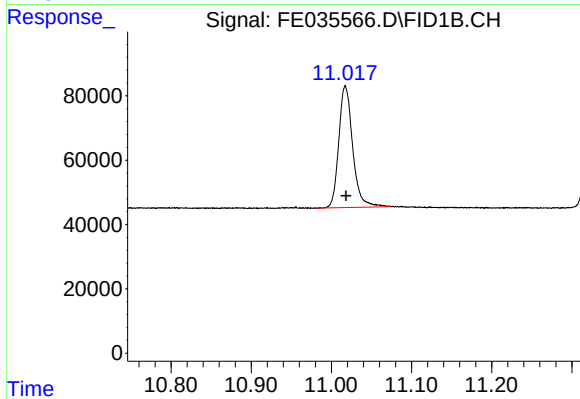
#6 n-Tetradecane (C14)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 430729
Conc: 4.44 ug/ml



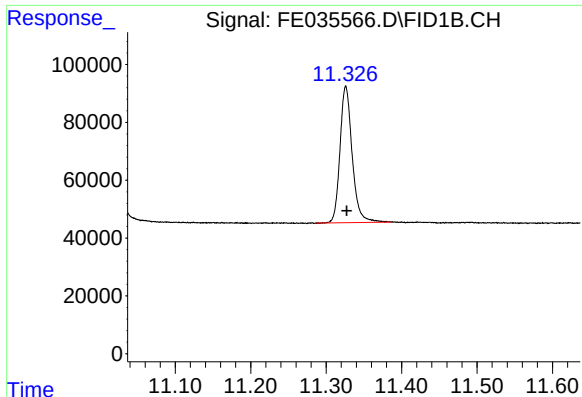
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: 0.000 min
Response: 444310
Conc: 4.56 ug/ml



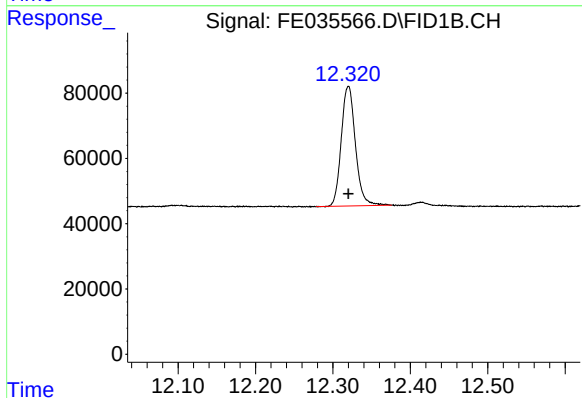
#8 n-Octadecane (C18)

R.T.: 11.017 min
Delta R.T.: 0.000 min
Response: 454552
Conc: 4.58 ug/ml



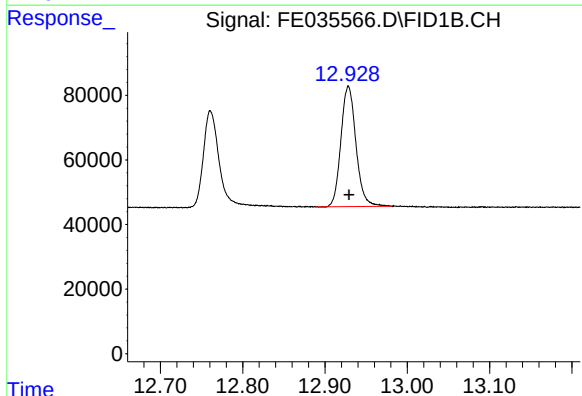
#9 ortho-Terphenyl (SURR)

R.T.: 11.326 min
Delta R.T.: -0.001 min
Response: 528793
Conc: 4.77 ug/ml



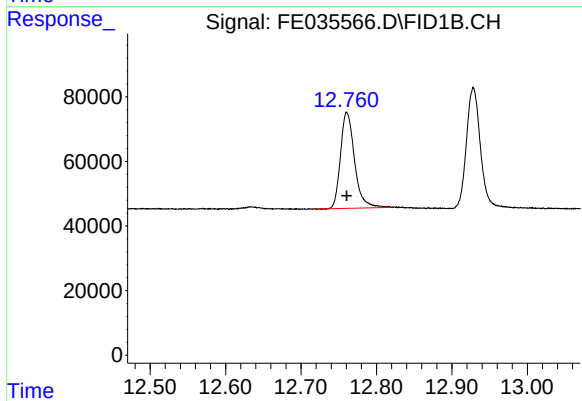
#10 n-Eicosane (C20)

R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 466516
Conc: 4.68 ug/ml



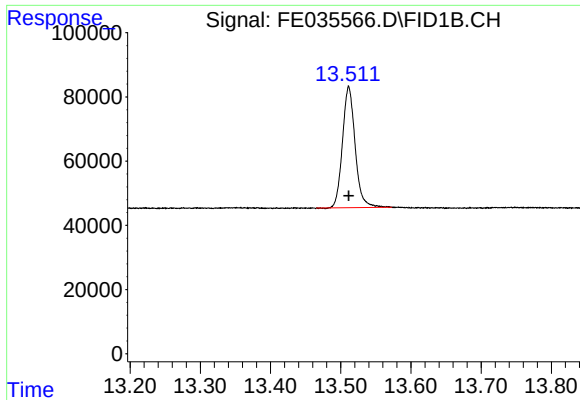
#11 n-Heneicosane (C21)

R.T.: 12.928 min
Delta R.T.: 0.000 min
Response: 473217
Conc: 4.70 ug/ml



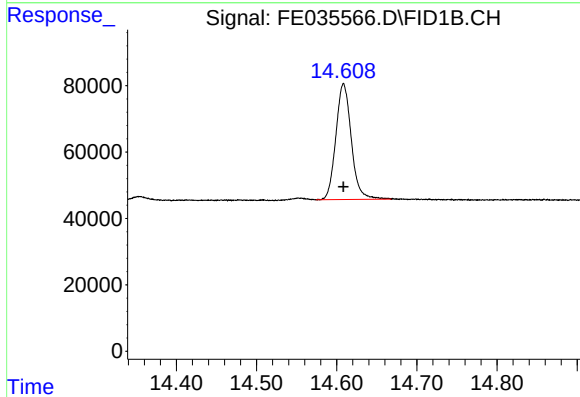
#12 1-chlorooctadecane (SURR)

R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 385763
Conc: 4.55 ug/ml



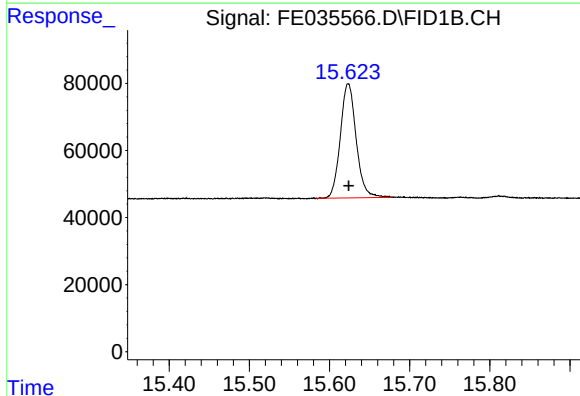
#13 n-Docosane (C22)

R.T.: 13.511 min
Delta R.T.: 0.000 min
Response: 473674
Conc: 4.72 ug/ml



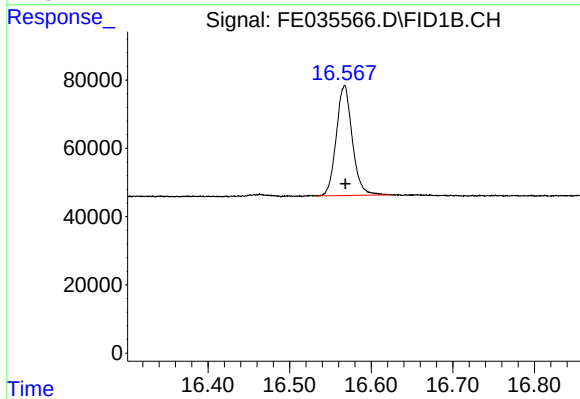
#14 n-Tetracosane (C24)

R.T.: 14.608 min
Delta R.T.: 0.000 min
Response: 467671
Conc: 4.74 ug/ml



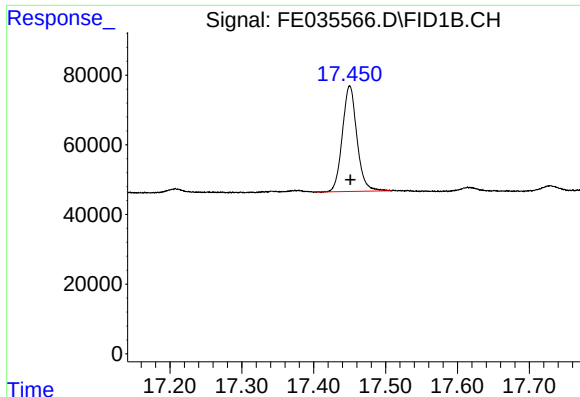
#15 n-Hexacosane (C26)

R.T.: 15.623 min
Delta R.T.: 0.000 min
Response: 466777
Conc: 4.82 ug/ml



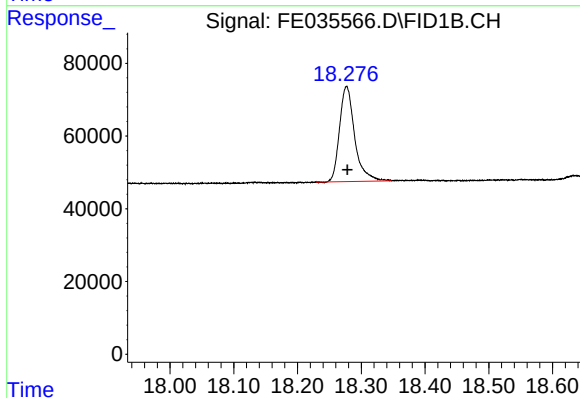
#16 n-Octacosane (C28)

R.T.: 16.567 min
Delta R.T.: 0.000 min
Response: 439265
Conc: 4.75 ug/ml



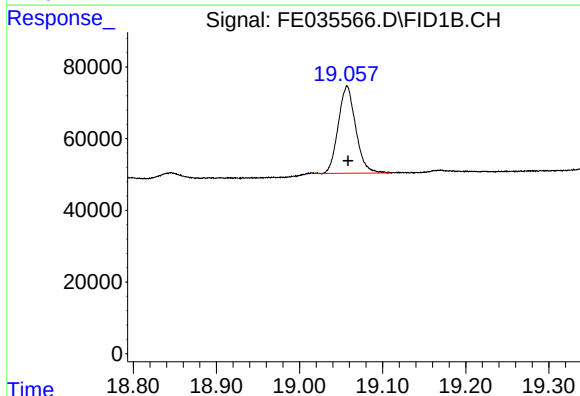
#17 n-Tricontane (C30)

R.T.: 17.450 min
Delta R.T.: 0.000 min
Response: 426426
Conc: 4.77 ug/ml



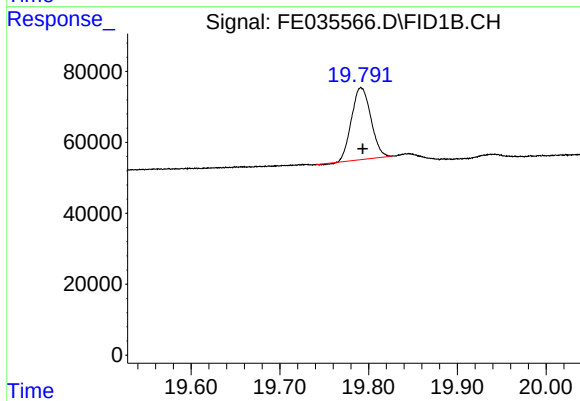
#18 n-Dotriacontane (C32)

R.T.: 18.277 min
Delta R.T.: -0.001 min
Response: 432447
Conc: 5.10 ug/ml



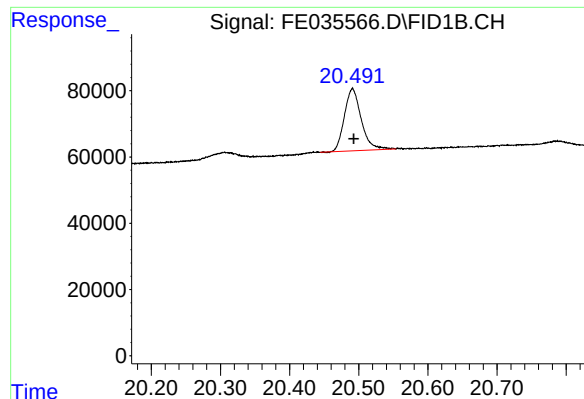
#19 n-Tetratriacontane (C34)

R.T.: 19.057 min
Delta R.T.: -0.001 min
Response: 353728
Conc: 4.56 ug/ml



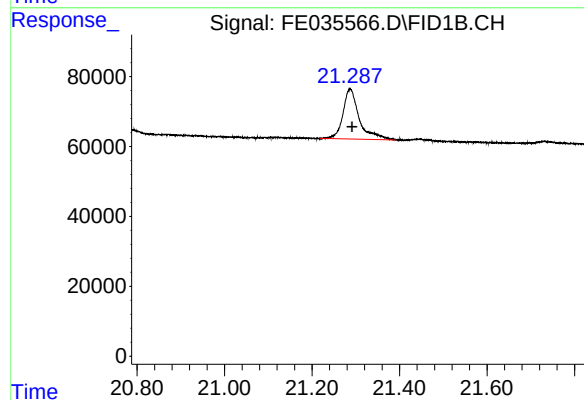
#20 n-Hexatriacontane (C36)

R.T.: 19.792 min
Delta R.T.: -0.002 min
Response: 306363
Conc: 4.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.491 min
Delta R.T.: -0.002 min
Response: 318121
Conc: 4.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.287 min
Delta R.T.: -0.004 min
Response: 369097
Conc: 5.19 ug/ml