

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032324AL\
 Data File : FE047285.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2024 21:03
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 01:28:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:28:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.985	7401151	49.662 ug/ml
Spiked Amount 50.000		Recovery =	99.32%
12) S 1-chlorooctadecane (S...	13.416	5740791	49.689 ug/ml
Spiked Amount 50.000		Recovery =	99.38%
Target Compounds			
1) T n-Nonane (C9)	3.367	6913957	49.581 ug/ml
2) T n-Decane (C10)	4.620	7053261	49.569 ug/ml
3) T A~Naphthalene (C11.7)	6.326	7372826	49.536 ug/ml
4) T n-Dodecane (C12)	6.785	7070804	49.563 ug/ml
5) T A~2-methylnaphthalene...	7.422	7129897	49.684 ug/ml
6) T n-Tetradecane (C14)	8.613	6955696	49.566 ug/ml
7) T n-Hexadecane (C16)	10.220	7131624	49.611 ug/ml
8) T n-Octadecane (C18)	11.663	7157615	49.654 ug/ml
10) T n-Eicosane (C20)	12.972	6858661	49.661 ug/ml
11) T n-Heneicosane (C21)	13.583	6740152	49.657 ug/ml
13) T n-Docosane (C22)	14.169	6698065	49.657 ug/ml
14) T n-Tetracosane (C24)	15.270	6662527	49.658 ug/ml
15) T n-Hexacosane (C26)	16.290	6576975	49.639 ug/ml
16) T n-Octacosane (C28)	17.237	6485531	49.641 ug/ml
17) T n-Tricontane (C30)	18.123	6585700	49.601 ug/ml
18) T n-Dotriacontane (C32)	18.954	6507577	49.569 ug/ml
19) T n-Tetratriacontane (C34)	19.736	6478471	49.534 ug/ml
20) T n-Hexatriacontane (C36)	20.474	6496415	49.626 ug/ml
21) T n-Octatriacontane (C38)	21.218	6593217	49.569 ug/ml
22) T n-Tetracontane (C40)	22.149	6696112	49.498 ug/ml

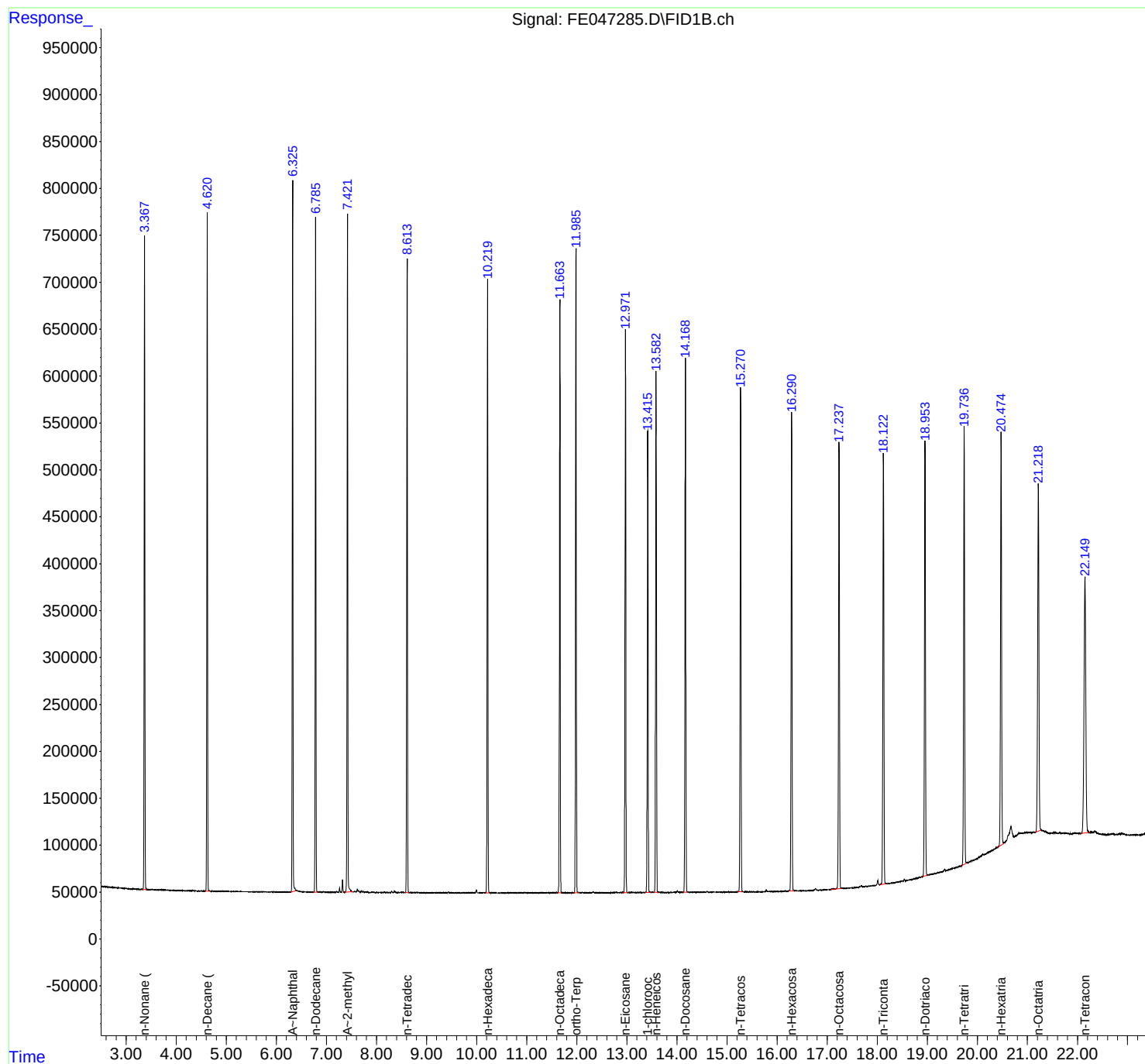
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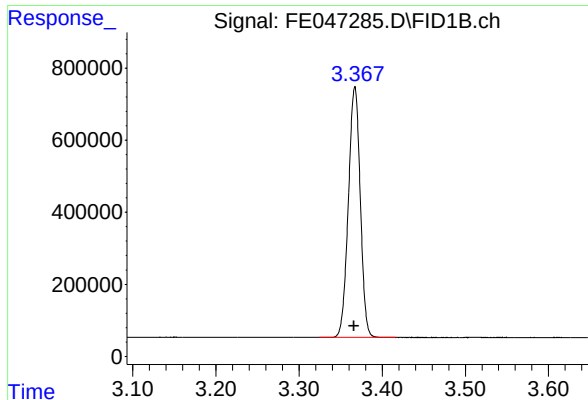
(m)=manual int.

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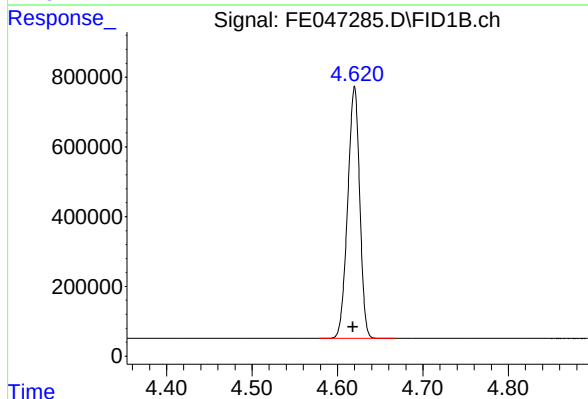
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





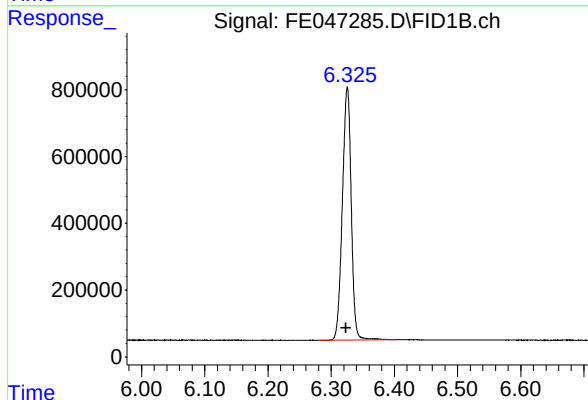
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.001 min
Response: 6913957
Conc: 49.58 ug/ml



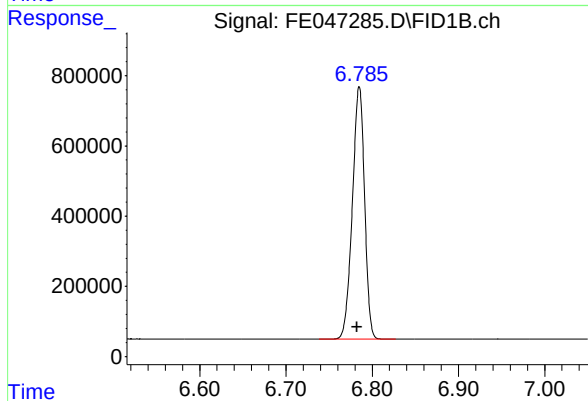
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 7053261
Conc: 49.57 ug/ml



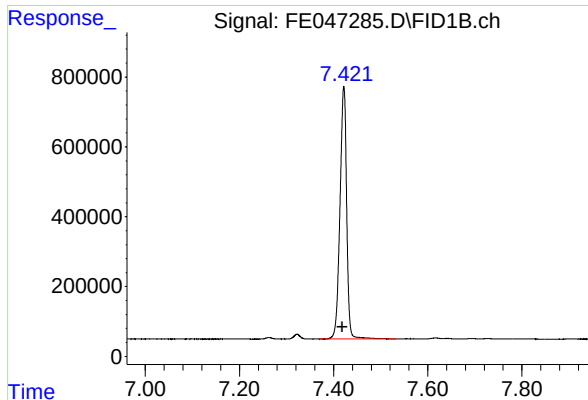
#3 A~Naphthalene (C11.7)

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 7372826
Conc: 49.54 ug/ml



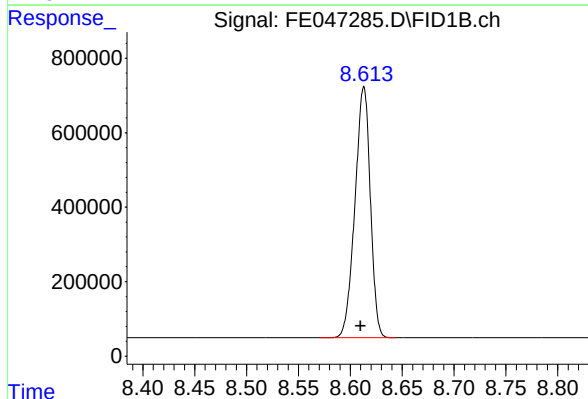
#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 7070804
Conc: 49.56 ug/ml



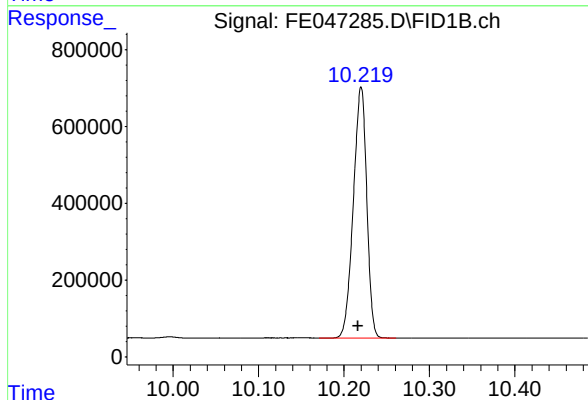
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.003 min
Response: 7129897
Conc: 49.68 ug/ml



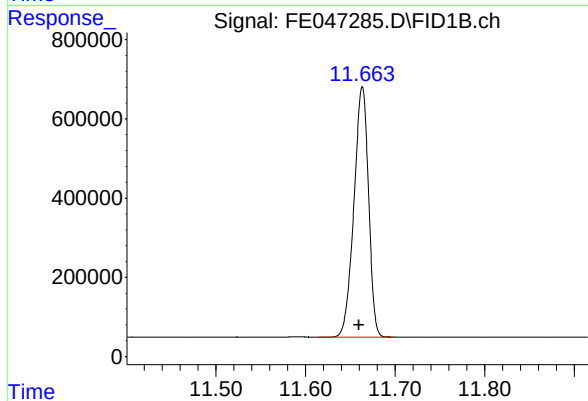
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.003 min
Response: 6955696
Conc: 49.57 ug/ml



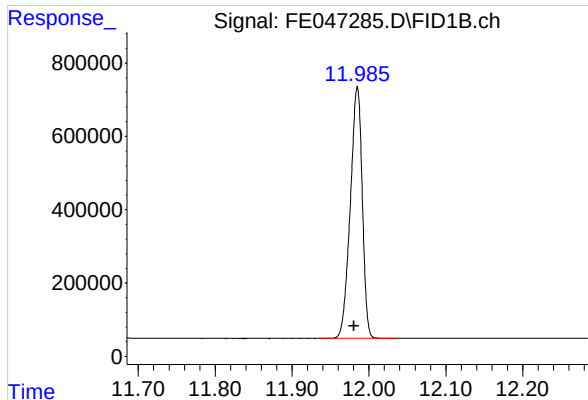
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.004 min
Response: 7131624
Conc: 49.61 ug/ml



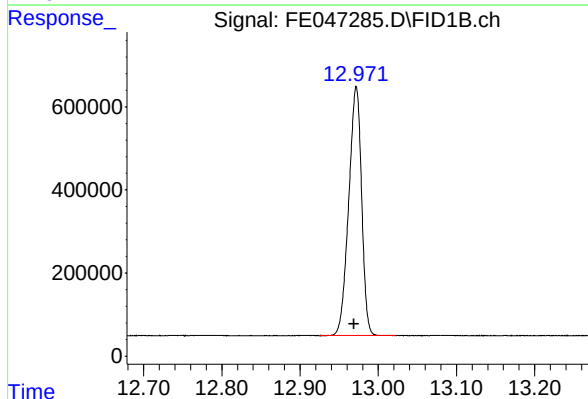
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.004 min
Response: 7157615
Conc: 49.65 ug/ml



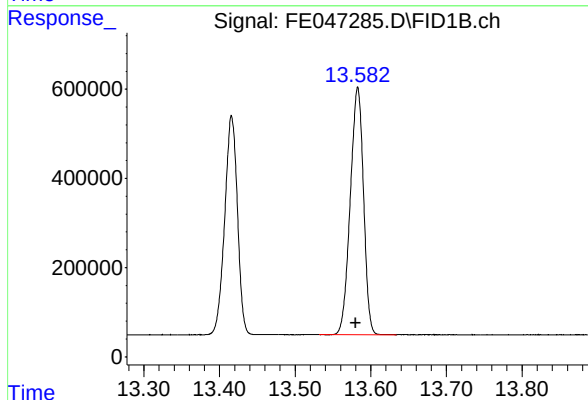
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.004 min
Response: 7401151
Conc: 49.66 ug/ml



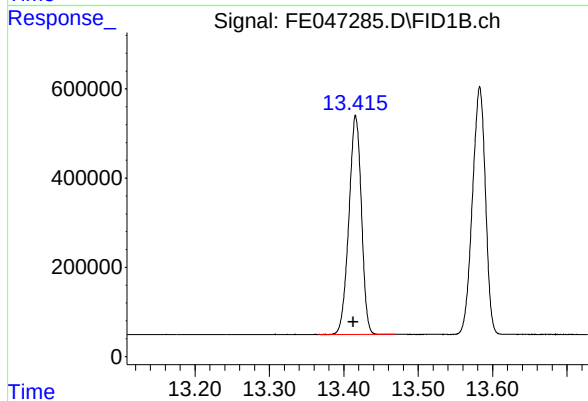
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.003 min
Response: 6858661
Conc: 49.66 ug/ml



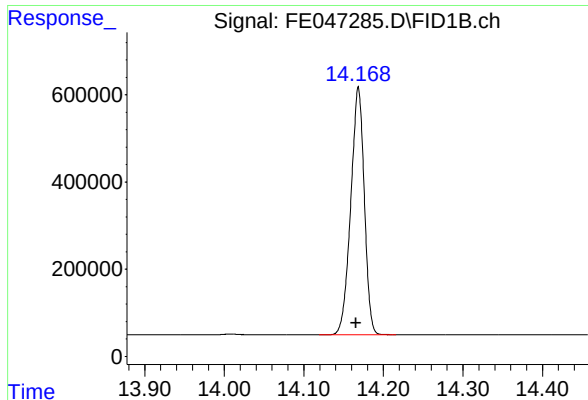
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.003 min
Response: 6740152
Conc: 49.66 ug/ml



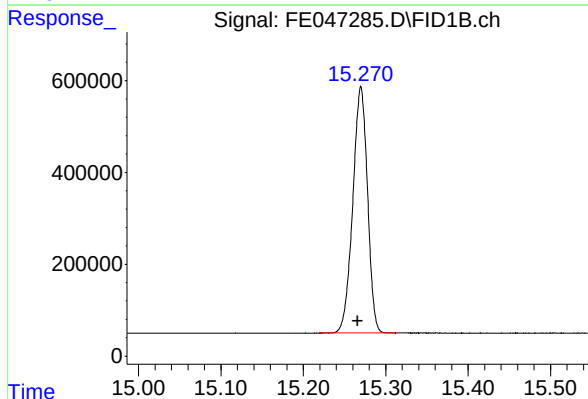
#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.003 min
Response: 5740791
Conc: 49.69 ug/ml



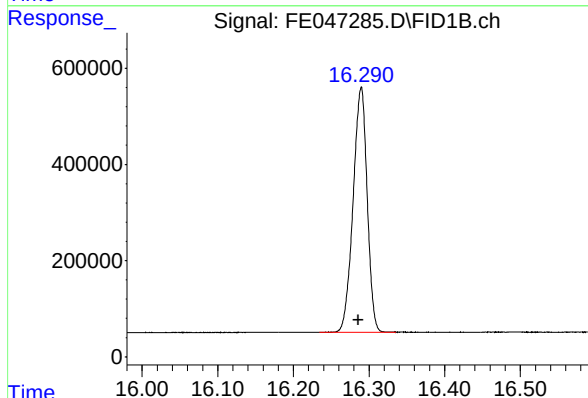
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.003 min
Response: 6698065
Conc: 49.66 ug/ml



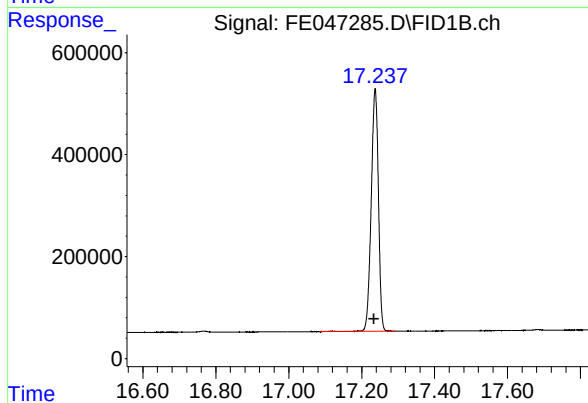
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.004 min
Response: 6662527
Conc: 49.66 ug/ml



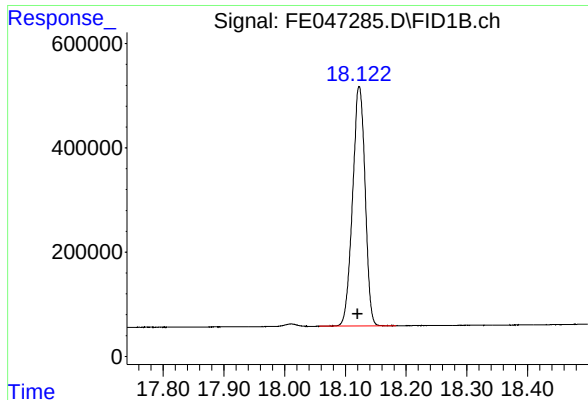
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.004 min
Response: 6576975
Conc: 49.64 ug/ml



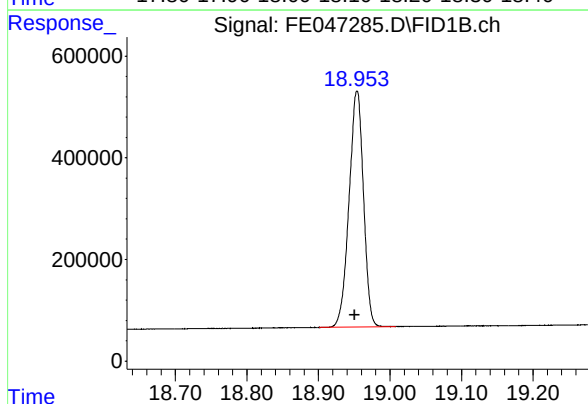
#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.003 min
Response: 6485531
Conc: 49.64 ug/ml



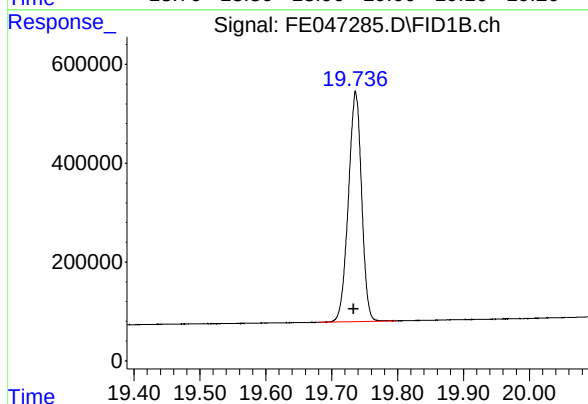
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.003 min
Response: 6585700
Conc: 49.60 ug/ml



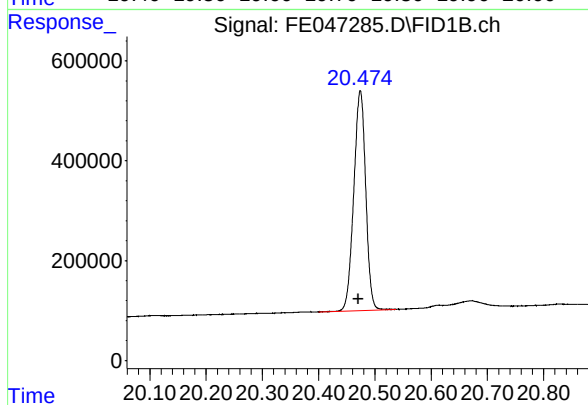
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.004 min
Response: 6507577
Conc: 49.57 ug/ml



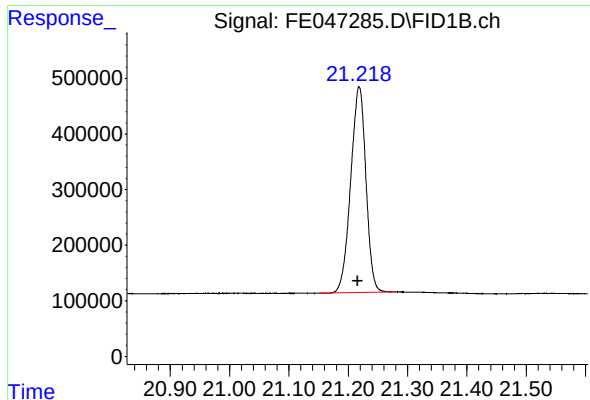
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.003 min
Response: 6478471
Conc: 49.53 ug/ml



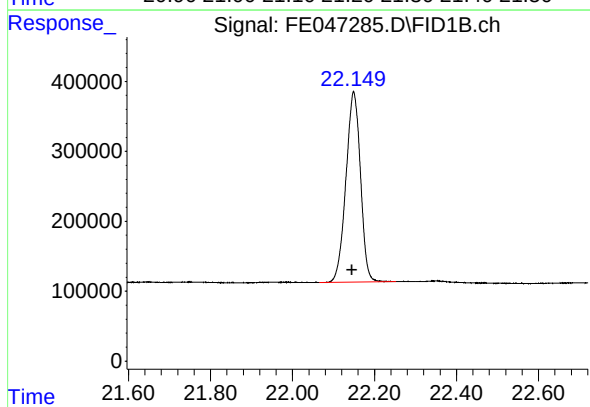
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.003 min
Response: 6496415
Conc: 49.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.003 min
Response: 6593217
Conc: 49.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.149 min
Delta R.T.: 0.004 min
Response: 6696112
Conc: 49.50 ug/ml