

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040524AL\
 Data File : FE047487.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2024 11:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 23:08:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.977	3046389	17.564 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
12) S 1-chlorooctadecane (S...	13.410	2364567	17.581 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T n-Nonane (C9)	3.361	2768450	17.696 ug/ml
2) T n-Decane (C10)	4.612	2849182	17.728 ug/ml
3) T A~Naphthalene (C11.7)	6.318	2974702	17.544 ug/ml
4) T n-Dodecane (C12)	6.778	2857849	17.608 ug/ml
5) T A~2-methylnaphthalene...	7.413	2867861	17.463 ug/ml
6) T n-Tetradecane (C14)	8.606	2829847	17.591 ug/ml
7) T n-Hexadecane (C16)	10.213	2928483	17.633 ug/ml
8) T n-Octadecane (C18)	11.656	2963049	17.669 ug/ml
10) T n-Eicosane (C20)	12.965	2863562	17.676 ug/ml
11) T n-Heneicosane (C21)	13.577	2798932	17.639 ug/ml
13) T n-Docosane (C22)	14.163	2852928	17.777 ug/ml
14) T n-Tetracosane (C24)	15.266	2952220	17.885 ug/ml
15) T n-Hexacosane (C26)	16.285	3007944	18.197 ug/ml
16) T n-Octacosane (C28)	17.235	3094455	18.673 ug/ml
17) T n-Tricontane (C30)	18.121	3335518	19.647 ug/ml
18) T n-Dotriacontane (C32)	18.952	3316415	19.888 ug/ml
19) T n-Tetratriacontane (C34)	19.735	3051387	19.025 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2891676	18.130 ug/ml
21) T n-Octatriacontane (C38)	21.216	2864550	17.625 ug/ml
22) T n-Tetracontane (C40)	22.143	2861637	17.478 ug/ml

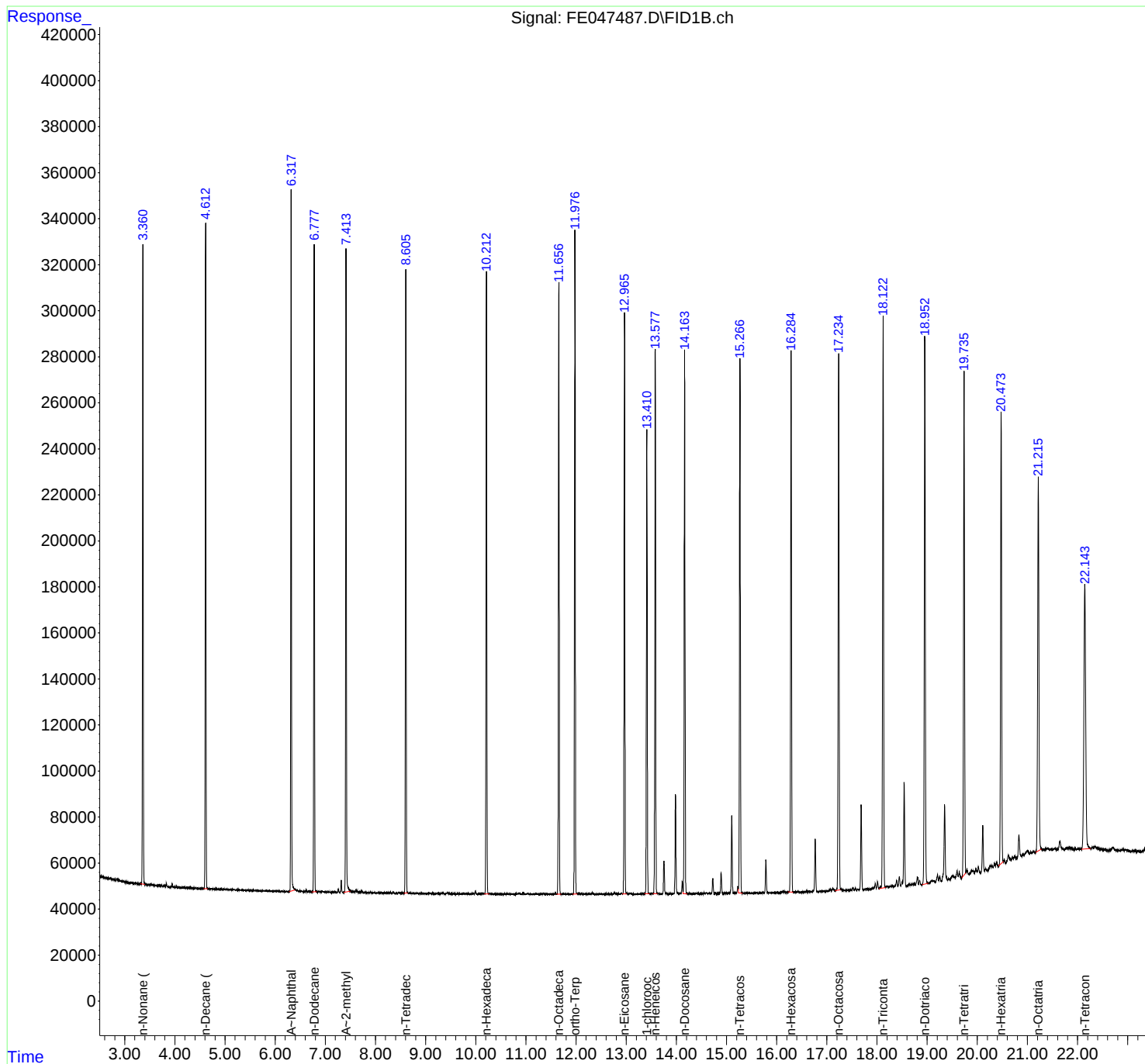
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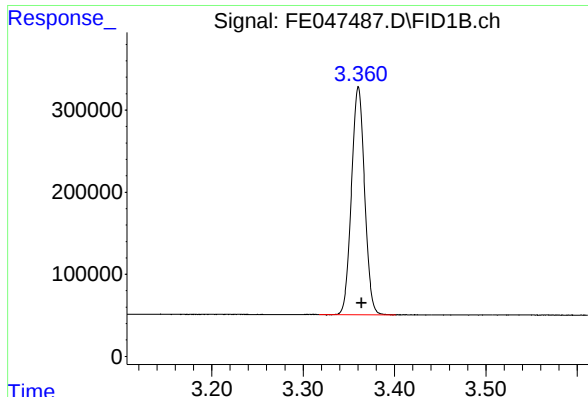
(m)=manual int.

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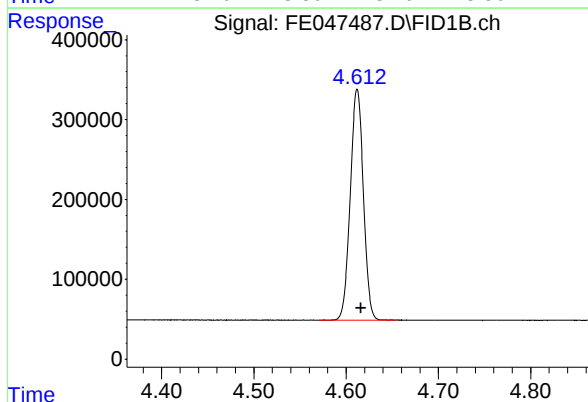
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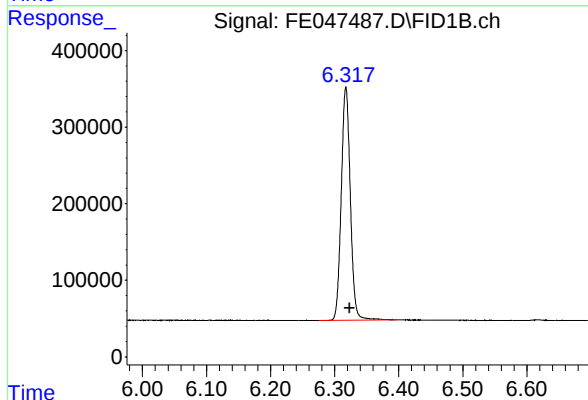
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 2768450
Conc: 17.70 ug/ml



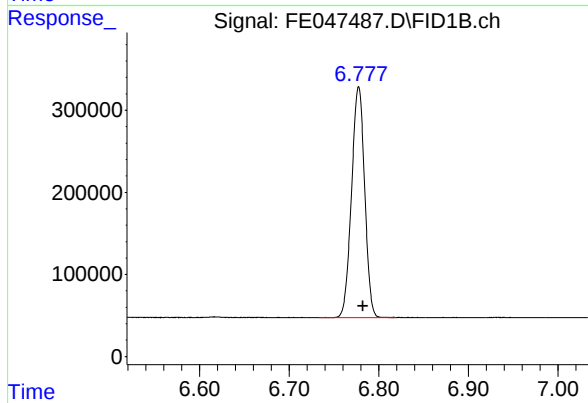
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 2849182
Conc: 17.73 ug/ml



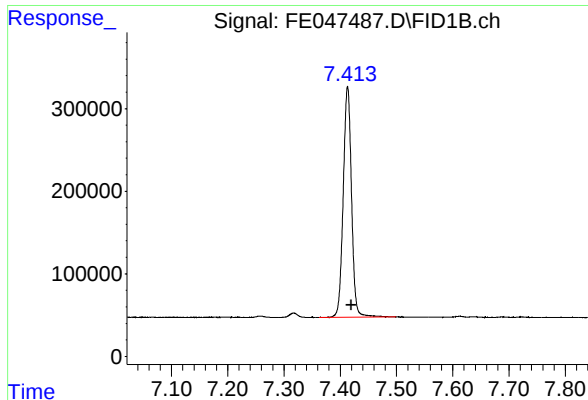
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 2974702
Conc: 17.54 ug/ml



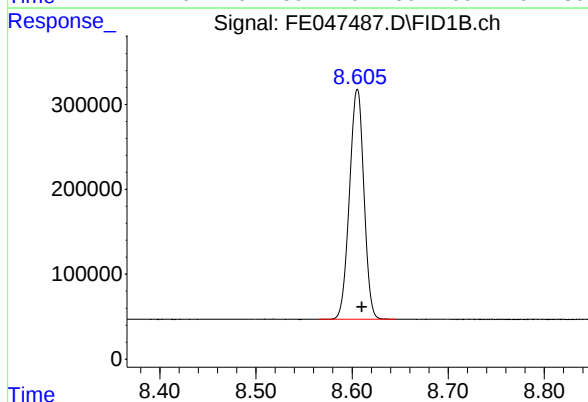
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: -0.005 min
Response: 2857849
Conc: 17.61 ug/ml



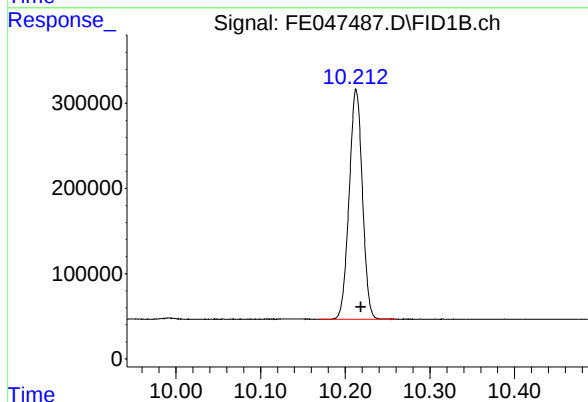
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.413 min
Delta R.T.: -0.006 min
Response: 2867861
Conc: 17.46 ug/ml



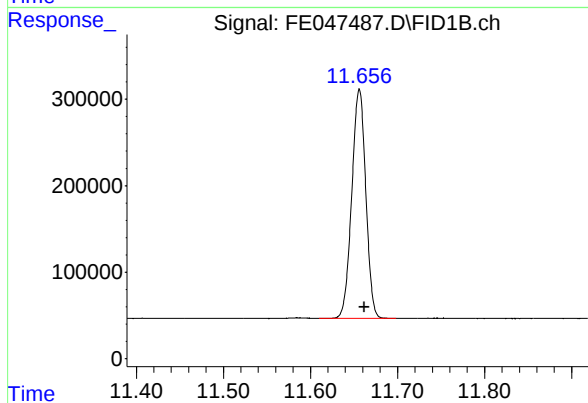
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.005 min
Response: 2829847
Conc: 17.59 ug/ml



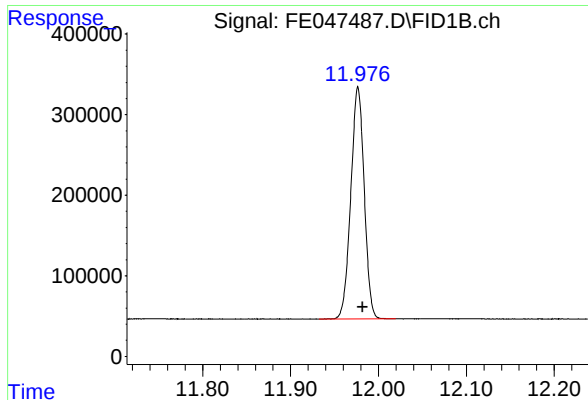
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.006 min
Response: 2928483
Conc: 17.63 ug/ml



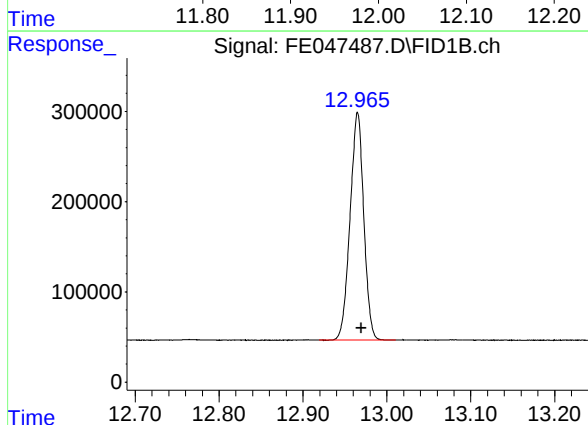
#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: -0.005 min
Response: 2963049
Conc: 17.67 ug/ml



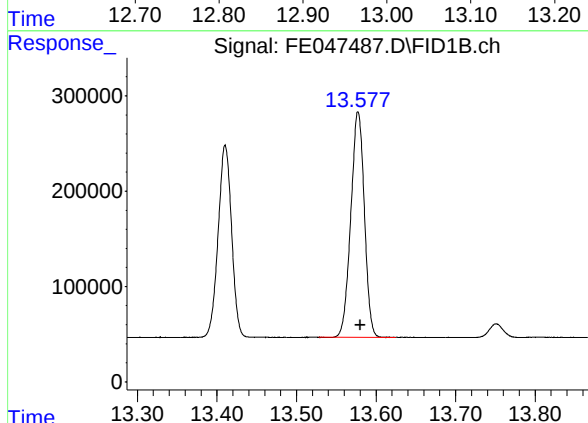
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.005 min
Response: 3046389
Conc: 17.56 ug/ml



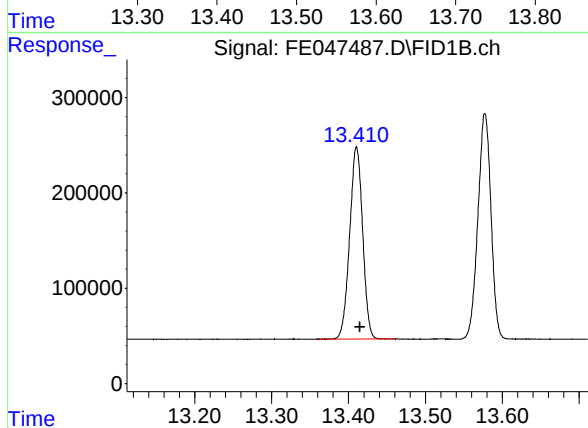
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.004 min
Response: 2863562
Conc: 17.68 ug/ml



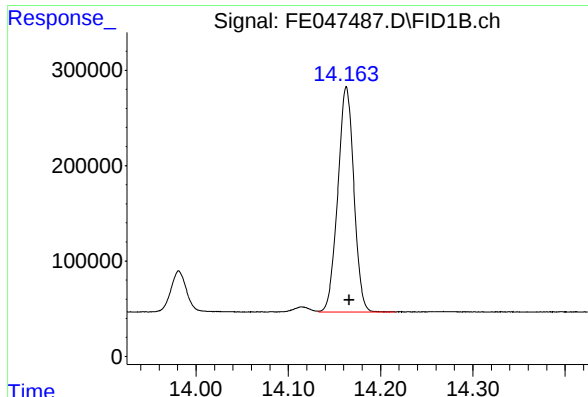
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.003 min
Response: 2798932
Conc: 17.64 ug/ml



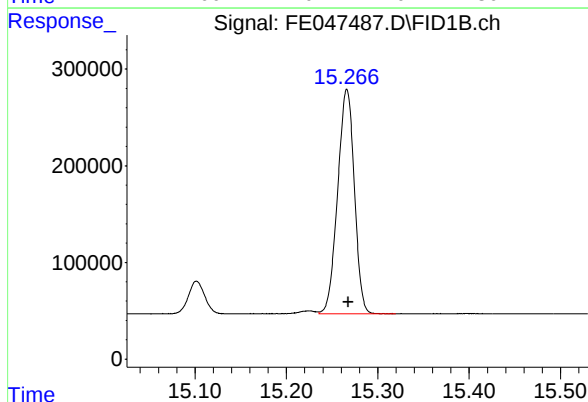
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.005 min
Response: 2364567
Conc: 17.58 ug/ml



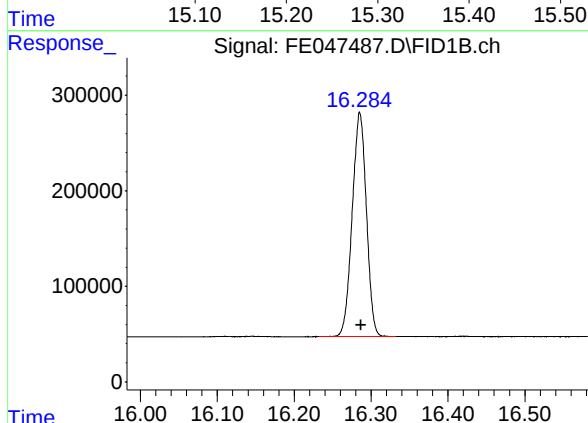
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: -0.003 min
Response: 2852928
Conc: 17.78 ug/ml



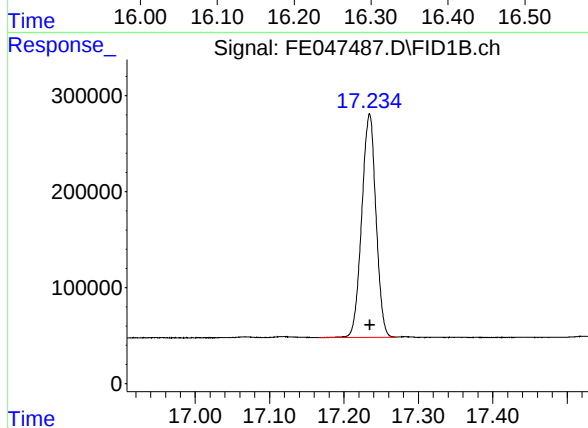
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.002 min
Response: 2952220
Conc: 17.89 ug/ml



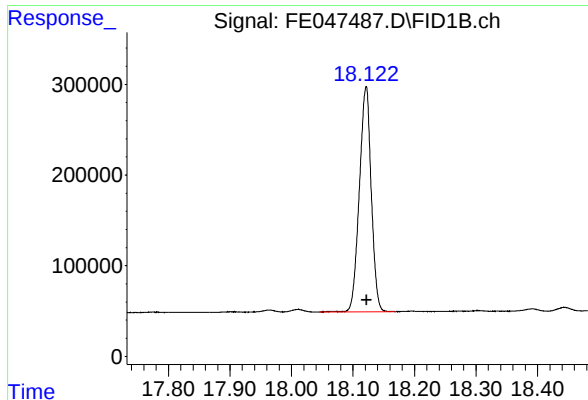
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.002 min
Response: 3007944
Conc: 18.20 ug/ml



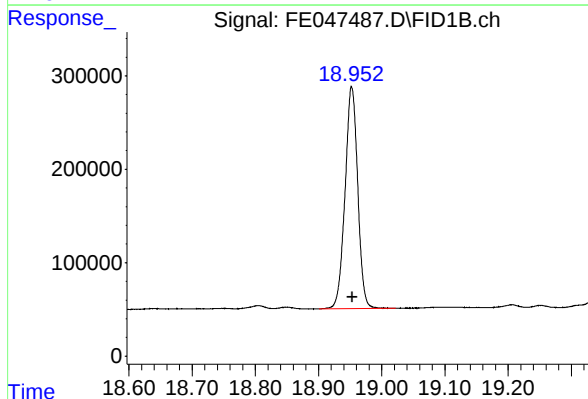
#16 n-Octacosane (C28)

R.T.: 17.235 min
Delta R.T.: 0.000 min
Response: 3094455
Conc: 18.67 ug/ml



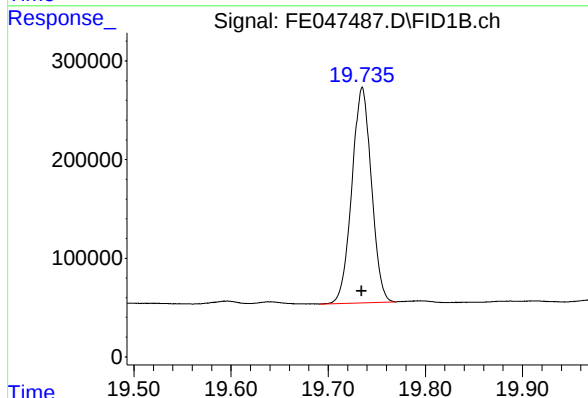
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 3335518
Conc: 19.65 ug/ml



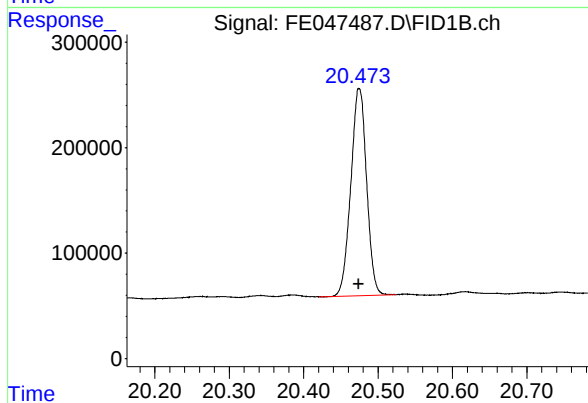
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.001 min
Response: 3316415
Conc: 19.89 ug/ml



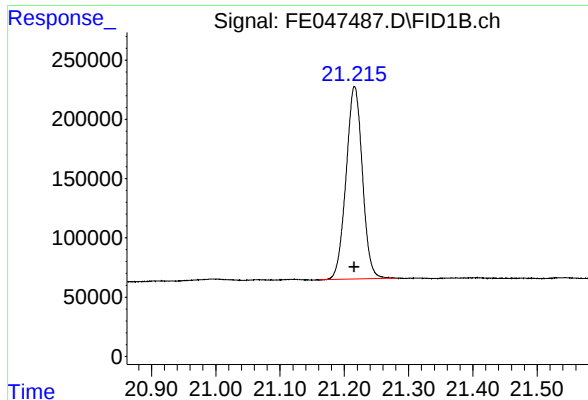
#19 n-Tetatriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.000 min
Response: 3051387
Conc: 19.03 ug/ml



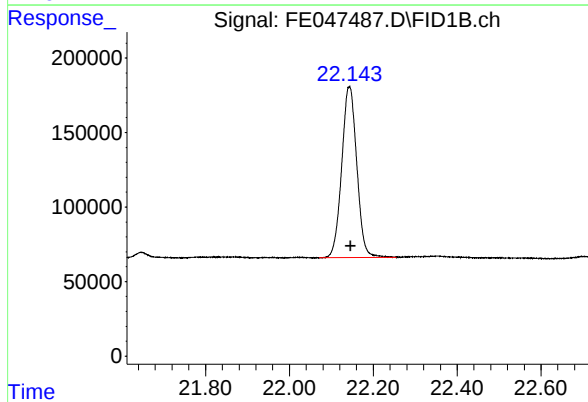
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.000 min
Response: 2891676
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: 0.000 min
Response: 2864550
Conc: 17.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.003 min
Response: 2861637
Conc: 17.48 ug/ml