

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072522AL\
 Data File : FC060827.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2022 14:08
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 15:29:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 15:29:28 2022
 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)	10.636	7973442	49.812 ug/ml
Spiked Amount 50.000		Recovery =	99.62%
12) S 1-chlorooctadecane (S...	12.001	6423448	50.006 ug/ml
Spiked Amount 50.000		Recovery =	100.01%
Target Compounds			
1) T n-Nonane (C9)	2.620	7069451	50.486 ug/ml
2) T n-Decane (C10)	3.616	7129743	50.428 ug/ml
3) T A~Naphthalene (C11.7)	5.152	7646245	50.980 ug/ml
4) T n-Dodecane (C12)	5.566	7333595	50.251 ug/ml
5) T A~2-methylnaphthalene...	6.177	7262876	48.865 ug/ml
6) T n-Tetradecane (C14)	7.317	7356883	50.211 ug/ml
7) T n-Hexadecane (C16)	8.879	7440874	50.037 ug/ml
8) T n-Octadecane (C18)	10.288	7530762	50.039 ug/ml
10) T n-Eicosane (C20)	11.566	7541905	49.971 ug/ml
11) T n-Heneicosane (C21)	12.164	7536990	49.993 ug/ml
13) T n-Docosane (C22)	12.736	7505825	49.967 ug/ml
14) T n-Tetracosane (C24)	13.813	7358433	49.894 ug/ml
15) T n-Hexacosane (C26)	14.809	7162662	49.775 ug/ml
16) T n-Octacosane (C28)	15.736	6849863	49.699 ug/ml
17) T n-Tricontane (C30)	16.603	6659387	49.731 ug/ml
18) T n-Dotriacontane (C32)	17.414	6393847	49.775 ug/ml
19) T n-Tetratriacontane (C34)	18.177	5960926	49.846 ug/ml
20) T n-Hexatriacontane (C36)	18.898	5832973	49.898 ug/ml
21) T n-Octatriacontane (C38)	19.580	5616685	49.699 ug/ml
22) T n-Tetracontane (C40)	20.227	5480189	49.857 ug/ml

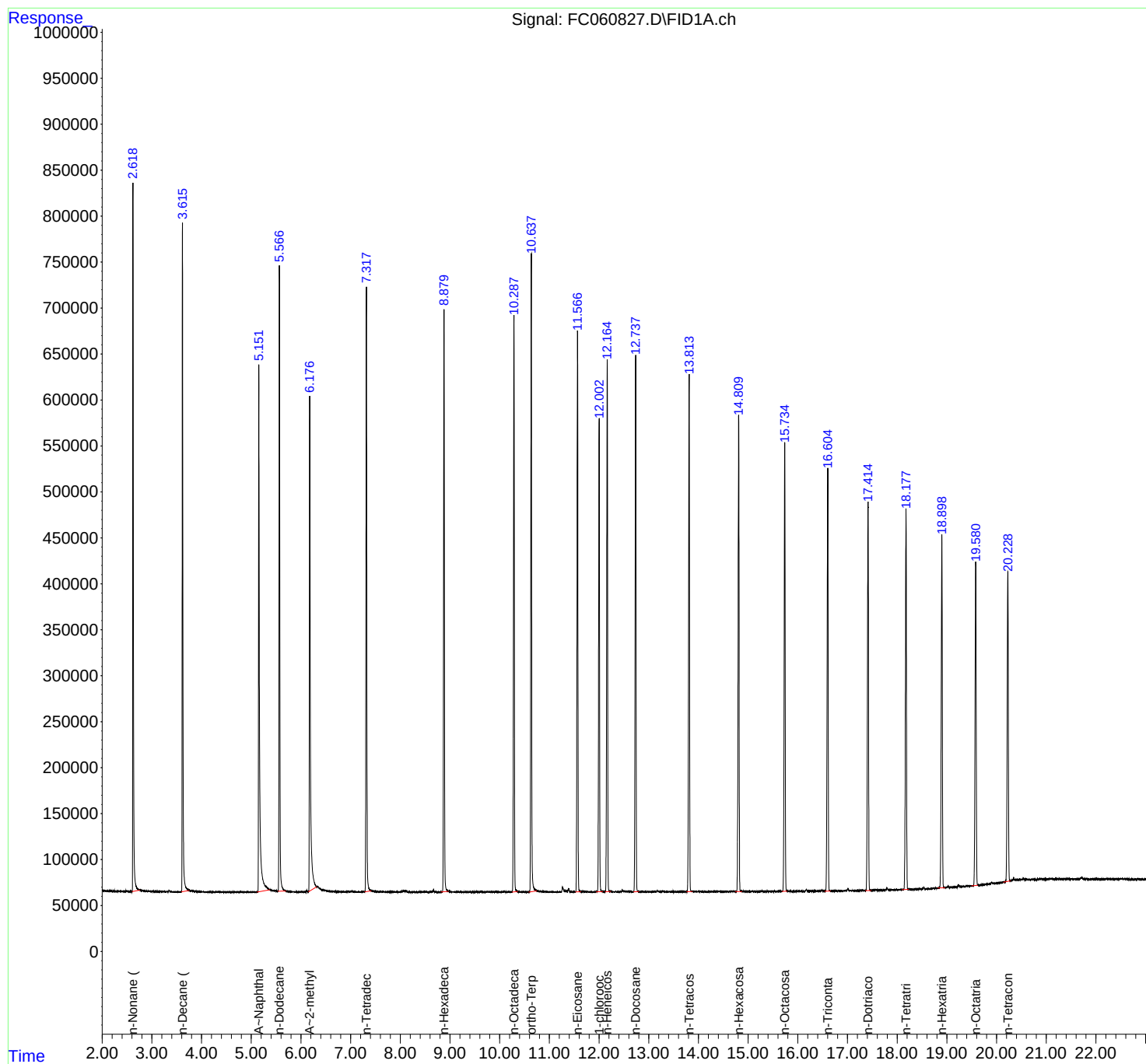
(f)=RT Delta > 1/2 Window

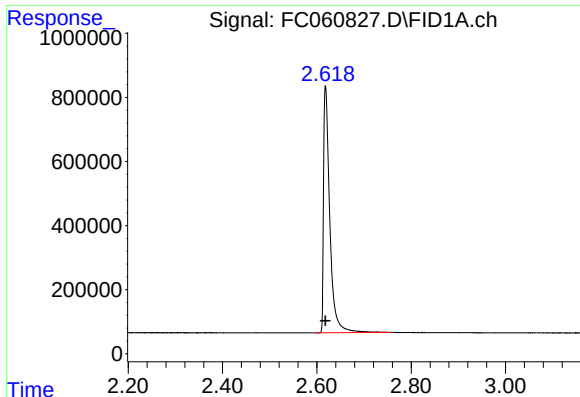
(m)=manual int.

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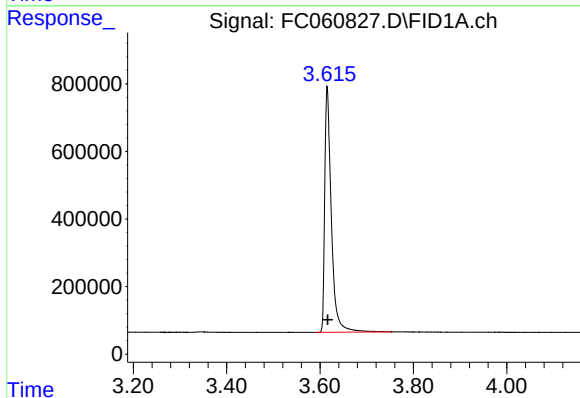
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





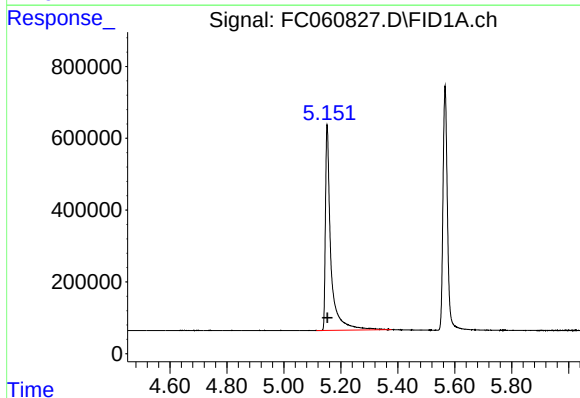
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: 0.002 min
Response: 7069451
Conc: 50.49 ug/ml



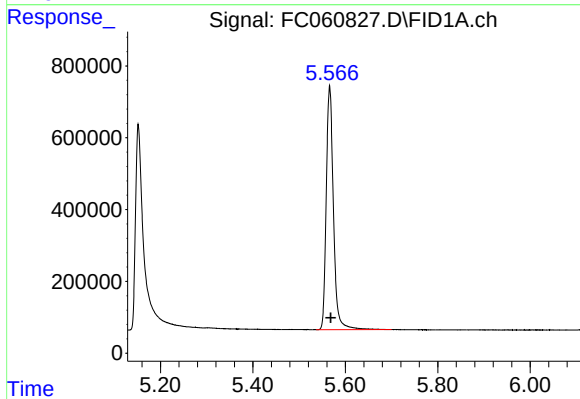
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 7129743
Conc: 50.43 ug/ml



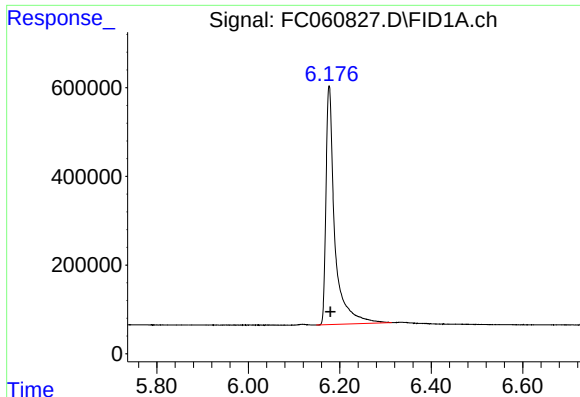
#3 A~Naphthalene (C11.7)

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 7646245
Conc: 50.98 ug/ml



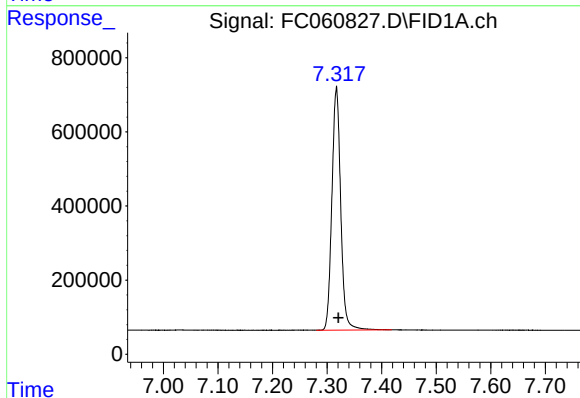
#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 7333595
Conc: 50.25 ug/ml



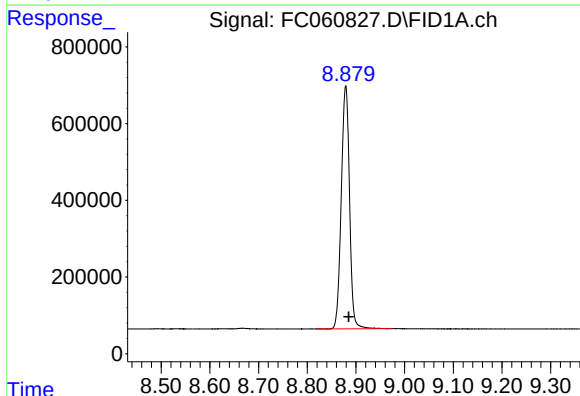
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 7262876
Conc: 48.86 ug/ml



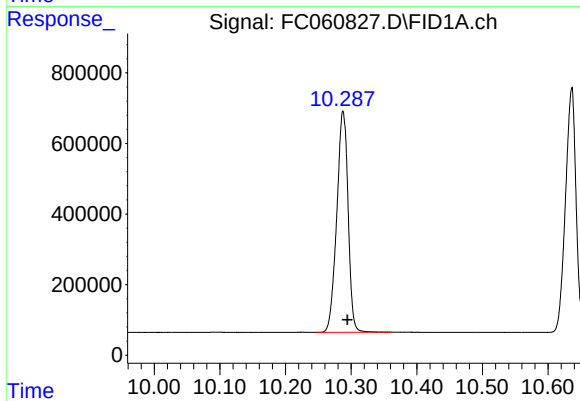
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.004 min
Response: 7356883
Conc: 50.21 ug/ml



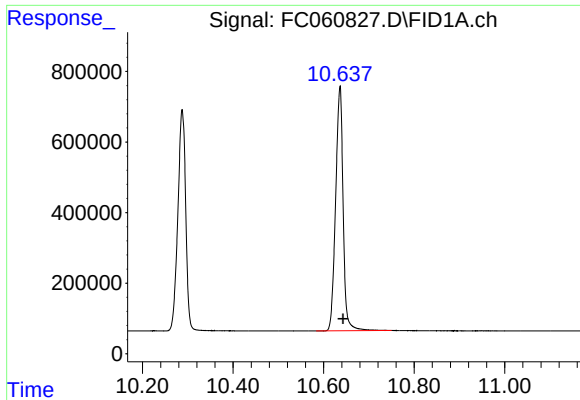
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.006 min
Response: 7440874
Conc: 50.04 ug/ml



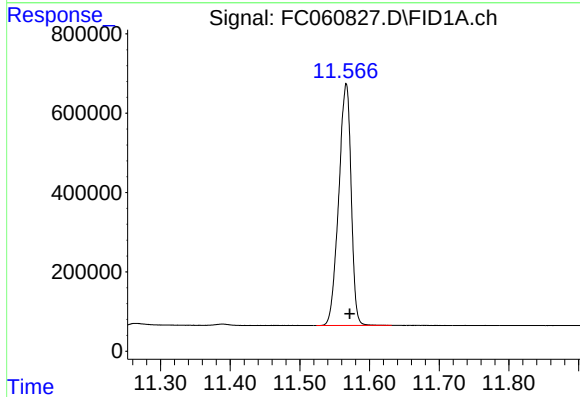
#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: -0.007 min
Response: 7530762
Conc: 50.04 ug/ml



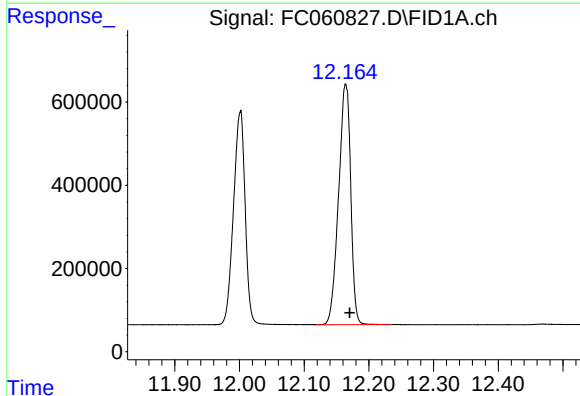
#9 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: -0.007 min
Response: 7973442
Conc: 49.81 ug/ml



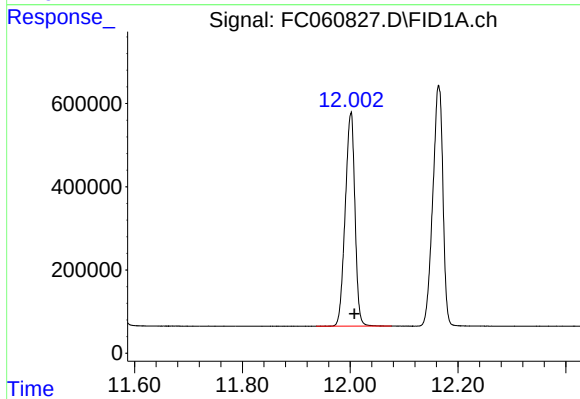
#10 n-Eicosane (C20)

R.T.: 11.566 min
Delta R.T.: -0.006 min
Response: 7541905
Conc: 49.97 ug/ml



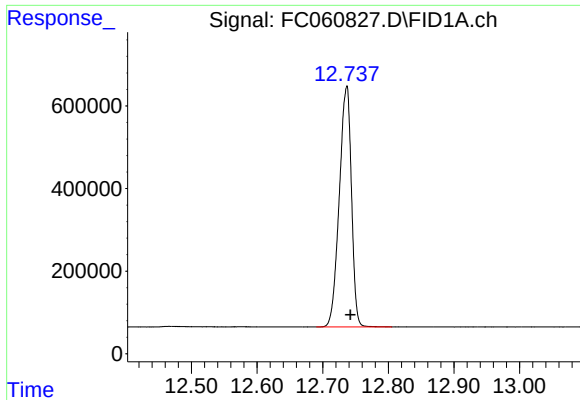
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.007 min
Response: 7536990
Conc: 49.99 ug/ml



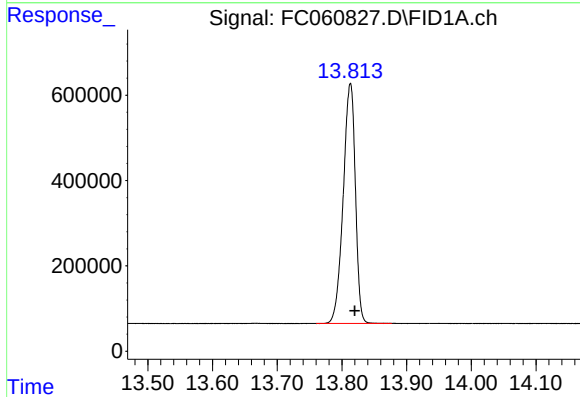
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.007 min
Response: 6423448
Conc: 50.01 ug/ml



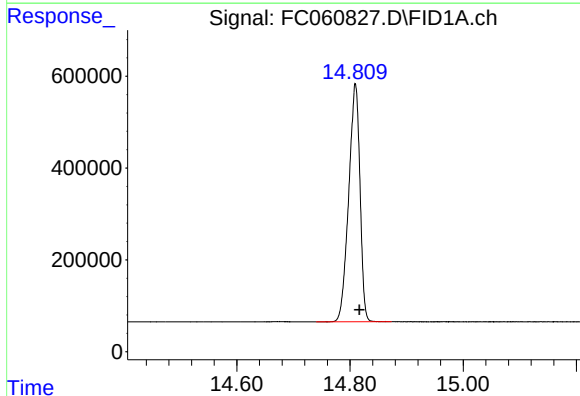
#13 n-Docosane (C22)

R.T.: 12.736 min
Delta R.T.: -0.006 min
Response: 7505825
Conc: 49.97 ug/ml



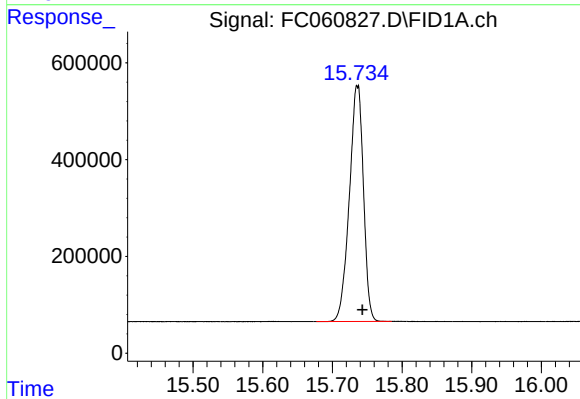
#14 n-Tetracosane (C24)

R.T.: 13.813 min
Delta R.T.: -0.007 min
Response: 7358433
Conc: 49.89 ug/ml



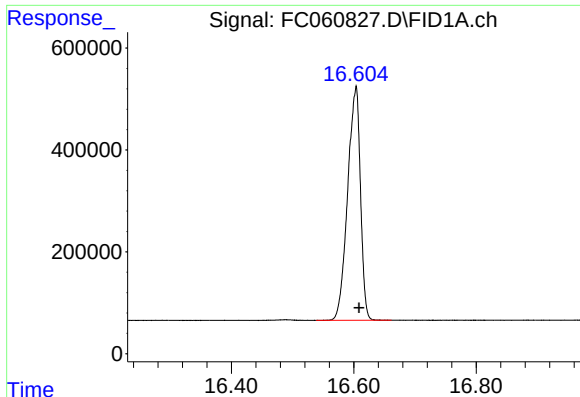
#15 n-Hexacosane (C26)

R.T.: 14.809 min
Delta R.T.: -0.007 min
Response: 7162662
Conc: 49.77 ug/ml



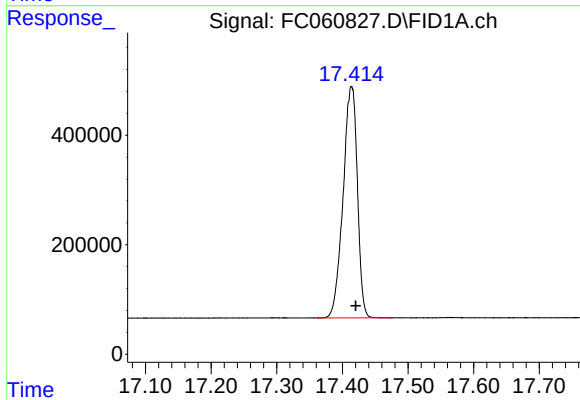
#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.008 min
Response: 6849863
Conc: 49.70 ug/ml



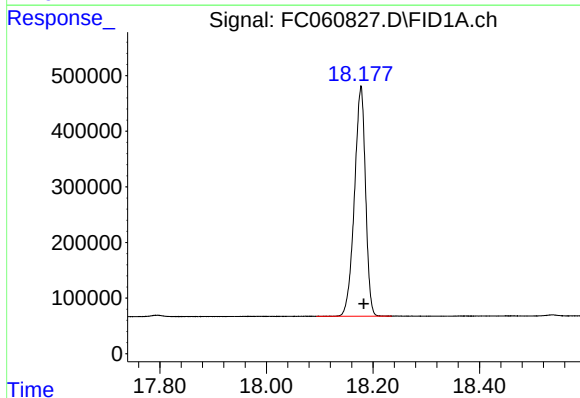
#17 n-Tricontane (C30)

R.T.: 16.603 min
Delta R.T.: -0.006 min
Response: 6659387
Conc: 49.73 ug/ml



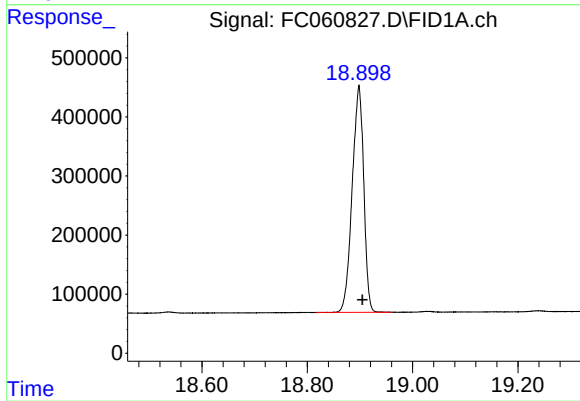
#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.007 min
Response: 6393847
Conc: 49.78 ug/ml



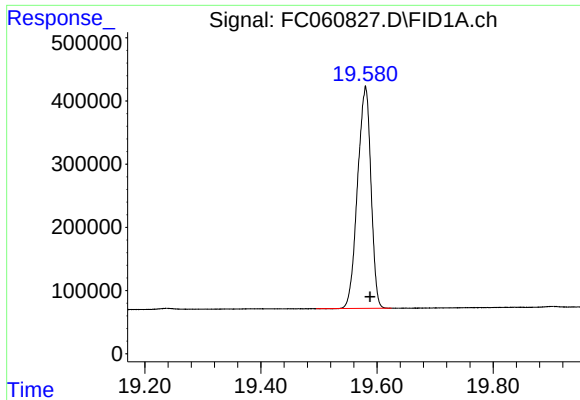
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: -0.006 min
Response: 5960926
Conc: 49.85 ug/ml



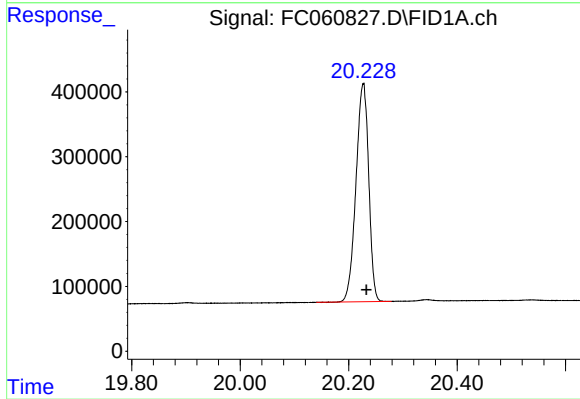
#20 n-Hexatriacontane (C36)

R.T.: 18.898 min
Delta R.T.: -0.007 min
Response: 5832973
Conc: 49.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.580 min
Delta R.T.: -0.008 min
Response: 5616685
Conc: 49.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.227 min
Delta R.T.: -0.006 min
Response: 5480189
Conc: 49.86 ug/ml