

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072222AL\
 Data File : FC060812.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2022 12:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPAHTIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 22 23:59:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.632	3193704	17.427 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
12) S 1-chlorooctadecane (S...	11.997	2591026	17.579 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T n-Nonane (C9)	2.623	2936918	19.146 ug/ml
2) T n-Decane (C10)	3.619	3002192	19.658 ug/ml
3) T A~Naphthalene (C11.7)	5.160	3146301	18.819 ug/ml
4) T n-Dodecane (C12)	5.568	3105212	19.214 ug/ml
5) T A~2-methylnaphthalene...	6.184	3079337	18.115 ug/ml
6) T n-Tetradecane (C14)	7.317	3111200	18.833 ug/ml
7) T n-Hexadecane (C16)	8.878	3101325	18.351 ug/ml
8) T n-Octadecane (C18)	10.284	3070901	17.850 ug/ml
10) T n-Eicosane (C20)	11.561	2999327	17.574 ug/ml
11) T n-Heneicosane (C21)	12.158	2938391	17.234 ug/ml
13) T n-Docosane (C22)	12.730	2883174	16.914 ug/ml
14) T n-Tetracosane (C24)	13.806	2760845	16.443 ug/ml
15) T n-Hexacosane (C26)	14.803	2633255	16.024 ug/ml
16) T n-Octacosane (C28)	15.730	2581943	16.272 ug/ml
17) T n-Tricontane (C30)	16.596	2616476	17.188 ug/ml
18) T n-Dotriacontane (C32)	17.409	2627482	18.075 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2497349	19.663 ug/ml
20) T n-Hexatriacontane (C36)	18.894	2455355	21.878 ug/ml
21) T n-Octatriacontane (C38)	19.576	2389713	21.831 ug/ml
22) T n-Tetracontane (C40)	20.222	2294956	20.320 ug/ml

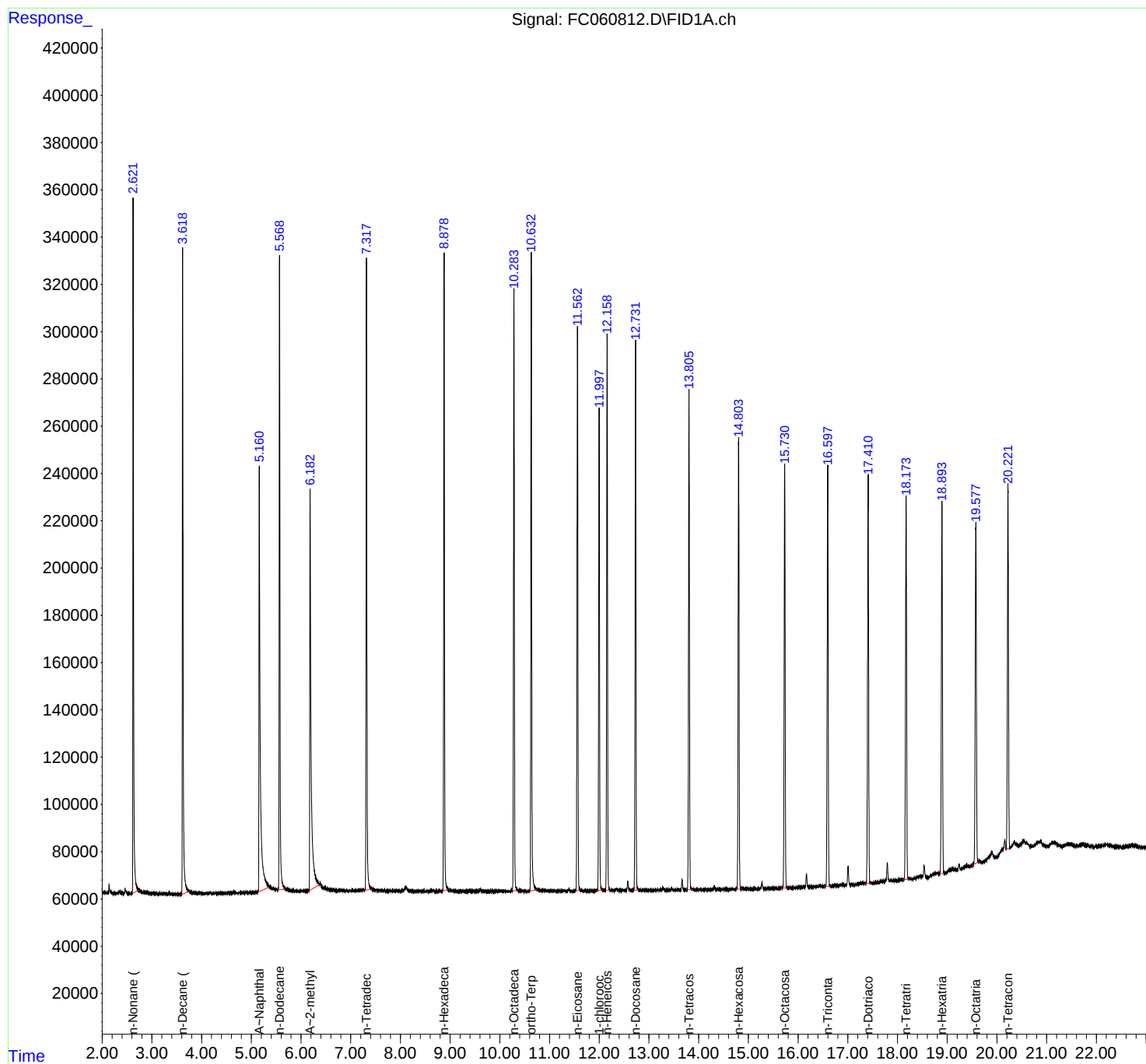
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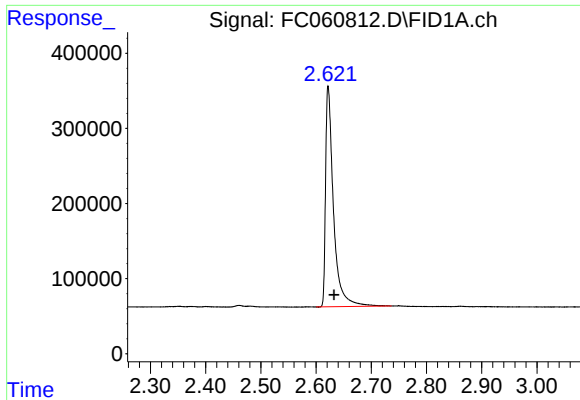
(m)=manual int.

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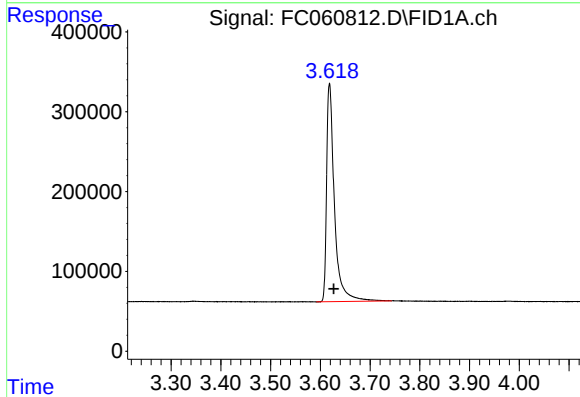
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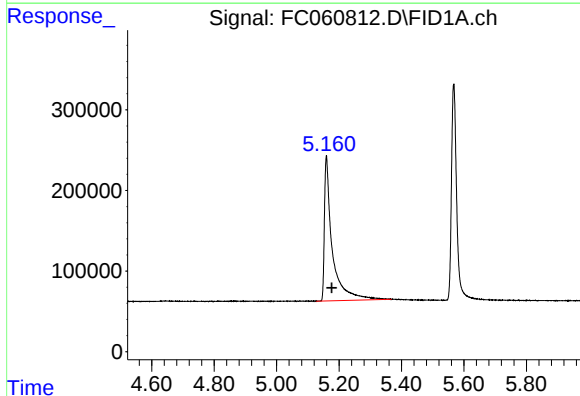
#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.010 min
Response: 2936918
Conc: 19.15 ug/ml



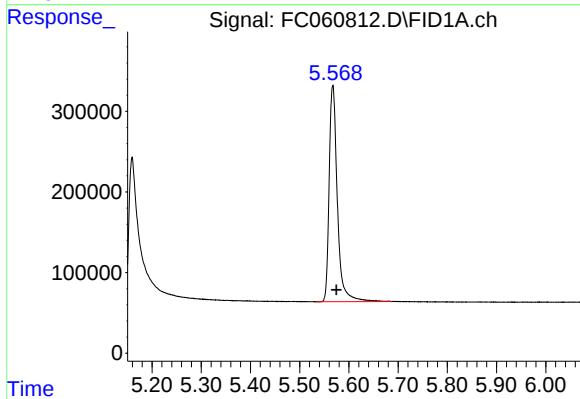
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.008 min
Response: 3002192
Conc: 19.66 ug/ml



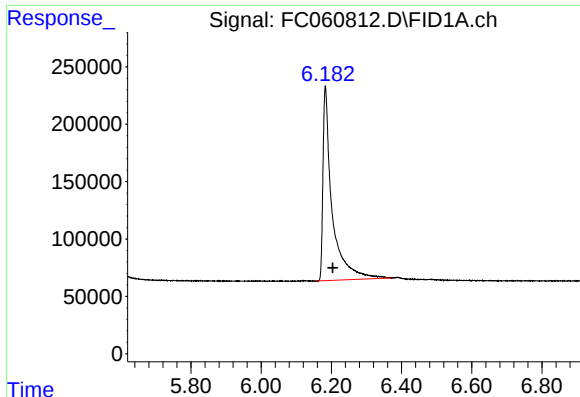
#3 A~Naphthalene (C11.7)

R.T.: 5.160 min
Delta R.T.: -0.017 min
Response: 3146301
Conc: 18.82 ug/ml



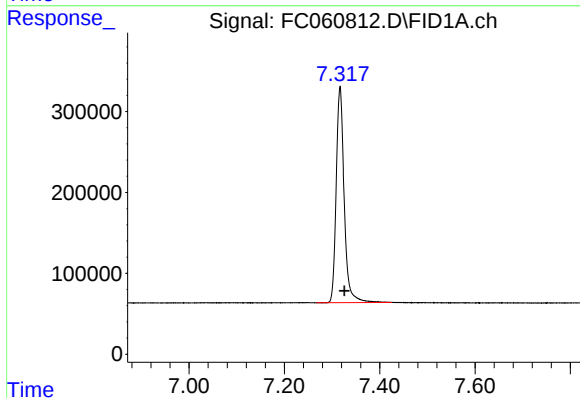
#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 3105212
Conc: 19.21 ug/ml



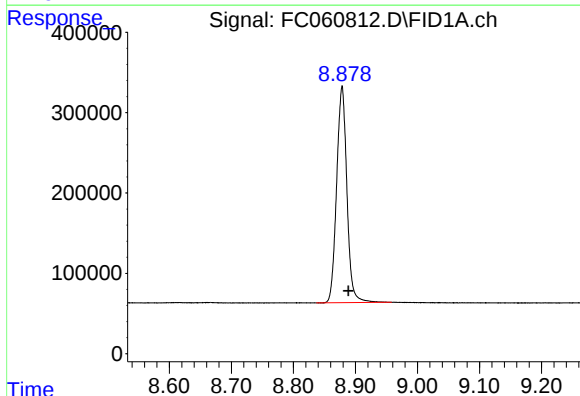
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.020 min
Response: 3079337
Conc: 18.11 ug/ml



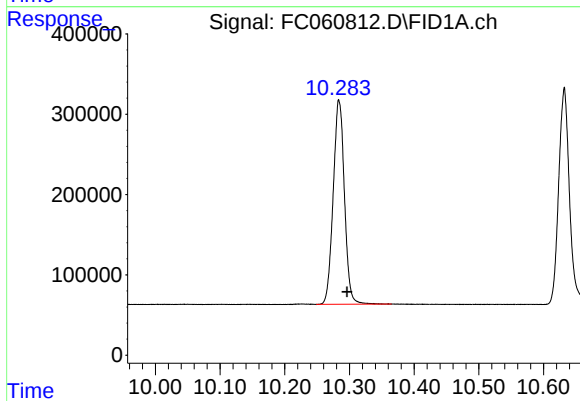
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.009 min
Response: 3111200
Conc: 18.83 ug/ml



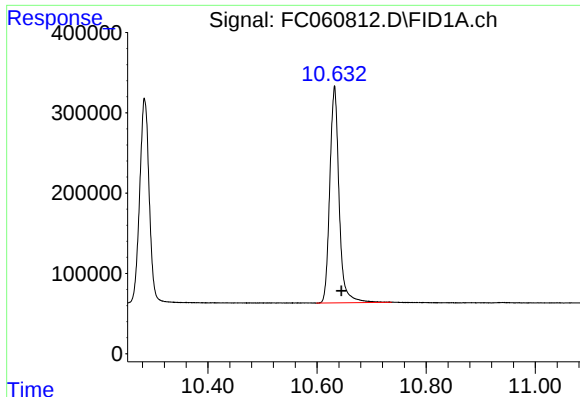
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.010 min
Response: 3101325
Conc: 18.35 ug/ml



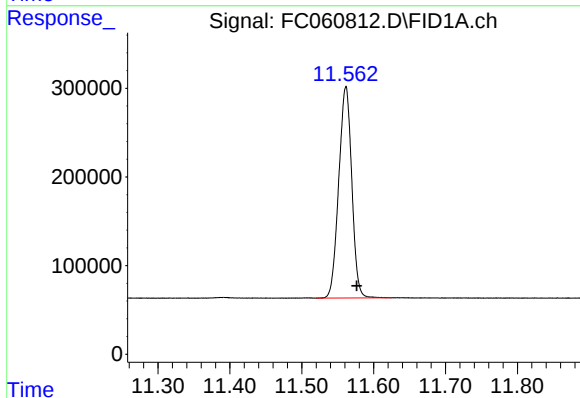
#8 n-Octadecane (C18)

R.T.: 10.284 min
Delta R.T.: -0.013 min
Response: 3070901
Conc: 17.85 ug/ml



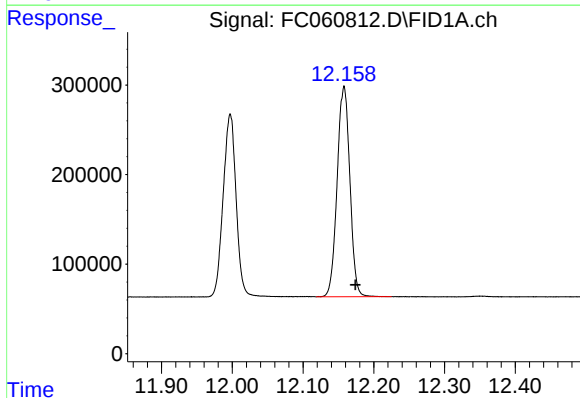
#9 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.013 min
Response: 3193704
Conc: 17.43 ug/ml



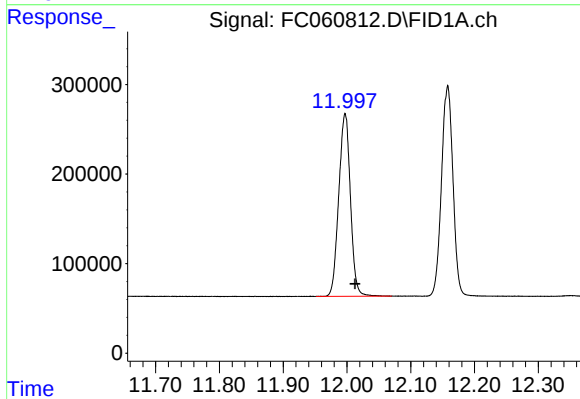
#10 n-Eicosane (C20)

R.T.: 11.561 min
Delta R.T.: -0.015 min
Response: 2999327
Conc: 17.57 ug/ml



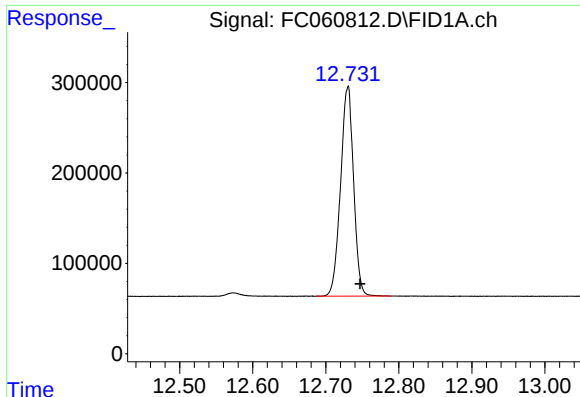
#11 n-Heneicosane (C21)

R.T.: 12.158 min
Delta R.T.: -0.016 min
Response: 2938391
Conc: 17.23 ug/ml



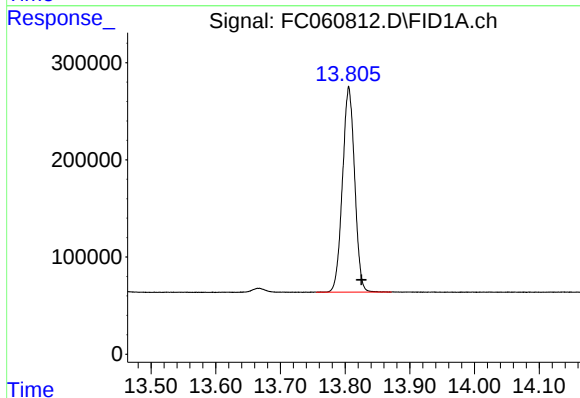
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: -0.016 min
Response: 2591026
Conc: 17.58 ug/ml



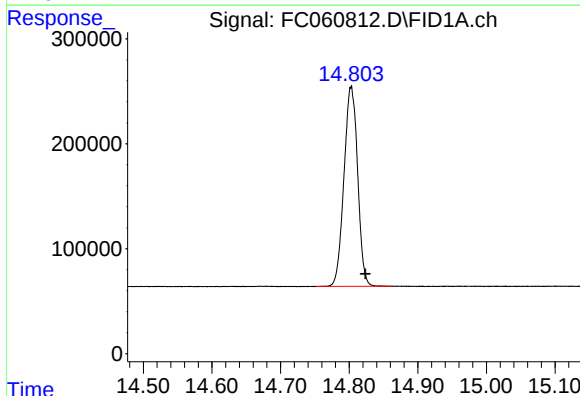
#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: -0.017 min
Response: 2883174
Conc: 16.91 ug/ml



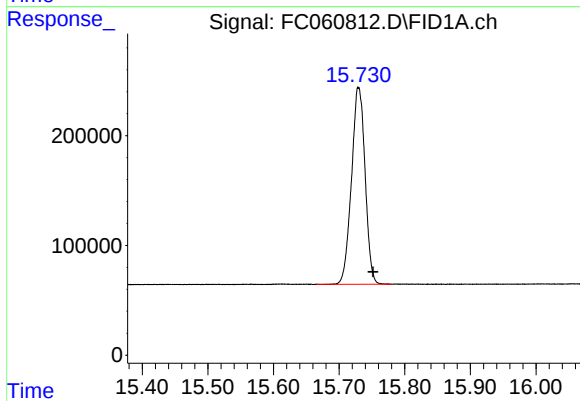
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: -0.020 min
Response: 2760845
Conc: 16.44 ug/ml



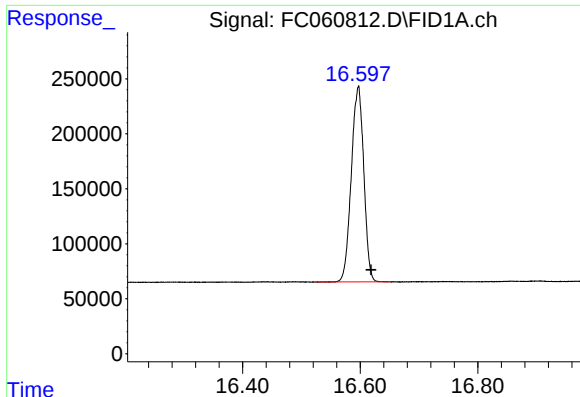
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: -0.021 min
Response: 2633255
Conc: 16.02 ug/ml



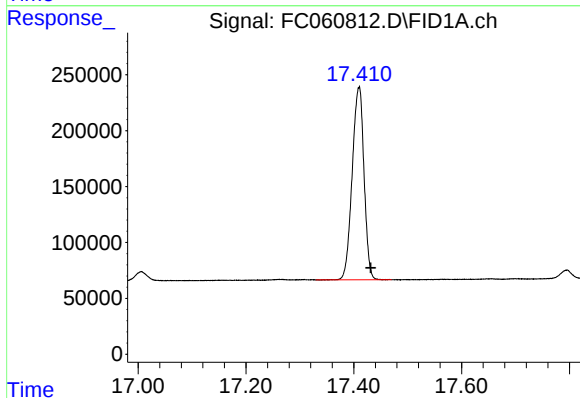
#16 n-Octacosane (C28)

R.T.: 15.730 min
Delta R.T.: -0.022 min
Response: 2581943
Conc: 16.27 ug/ml



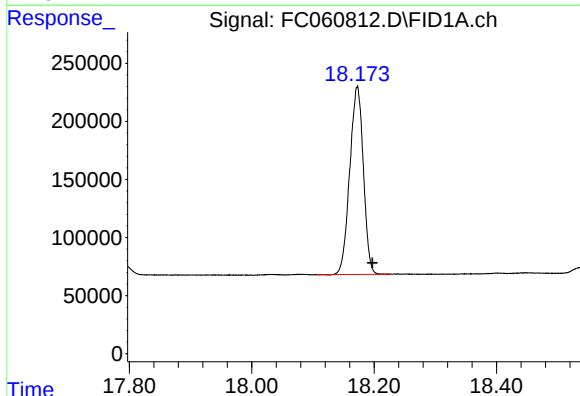
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: -0.022 min
Response: 2616476
Conc: 17.19 ug/ml



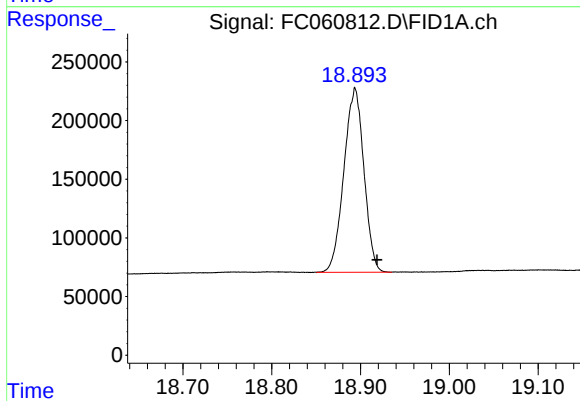
#18 n-Dotriacontane (C32)

R.T.: 17.409 min
Delta R.T.: -0.022 min
Response: 2627482
Conc: 18.08 ug/ml



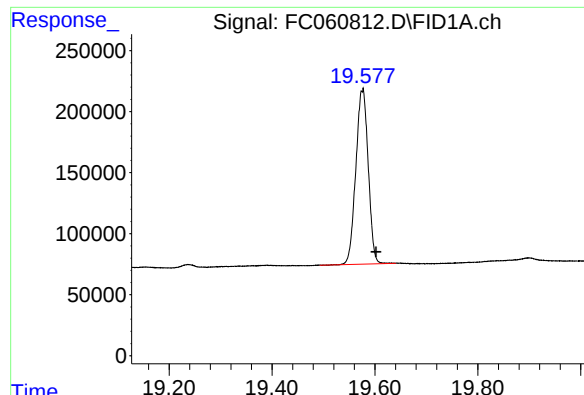
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: -0.025 min
Response: 2497349
Conc: 19.66 ug/ml



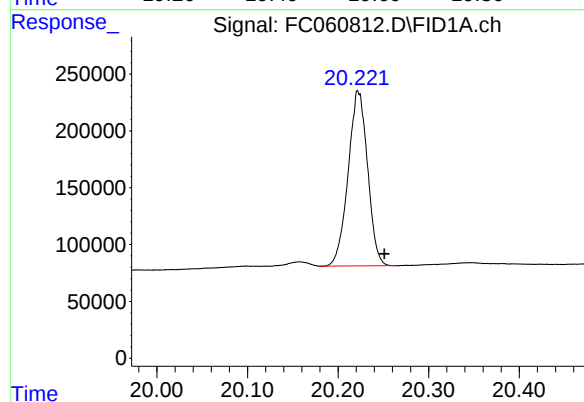
#20 n-Hexatriacontane (C36)

R.T.: 18.894 min
Delta R.T.: -0.025 min
Response: 2455355
Conc: 21.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.576 min
Delta R.T.: -0.026 min
Response: 2389713
Conc: 21.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.222 min
Delta R.T.: -0.029 min
Response: 2294956
Conc: 20.32 ug/ml