

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031423AL\
 Data File : FC063171.D
 Signal(s) : FID1A.ch
 Acq On : 14 Mar 2023 12:45
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 15 03:21:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 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)	11.536	2515329	19.378 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	12.974	1870900	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.296	2305374	19.445 ug/ml
2) T n-Decane (C10)	4.363	2267428	19.663 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2492765	19.492 ug/ml
4) T n-Dodecane (C12)	6.384	2266040	19.624 ug/ml
5) T A~2-methylnaphthalene...	7.005	2304474	19.579 ug/ml
6) T n-Tetradecane (C14)	8.180	2220368	19.646 ug/ml
7) T n-Hexadecane (C16)	9.780	2261136	19.656 ug/ml
8) T n-Octadecane (C18)	11.222	2300421	19.750 ug/ml
10) T n-Eicosane (C20)	12.531	2236523	19.628 ug/ml
11) T n-Heneicosane (C21)	13.143	2236113	19.621 ug/ml
13) T n-Docosane (C22)	13.728	2209808	19.594 ug/ml
14) T n-Tetracosane (C24)	14.829	2220558	19.815 ug/ml
15) T n-Hexacosane (C26)	15.850	2221605	20.089 ug/ml
16) T n-Octacosane (C28)	16.799	2242773	20.383 ug/ml
17) T n-Tricontane (C30)	17.685	2320458	21.071 ug/ml
18) T n-Dotriacontane (C32)	18.515	2382537	21.348 ug/ml
19) T n-Tetratriacontane (C34)	19.297	2322203	20.778 ug/ml
20) T n-Hexatriacontane (C36)	20.035	2195528	20.225 ug/ml
21) T n-Octatriacontane (C38)	20.766	2147578	19.763 ug/ml
22) T n-Tetracontane (C40)	21.664	2089372	19.205 ug/ml

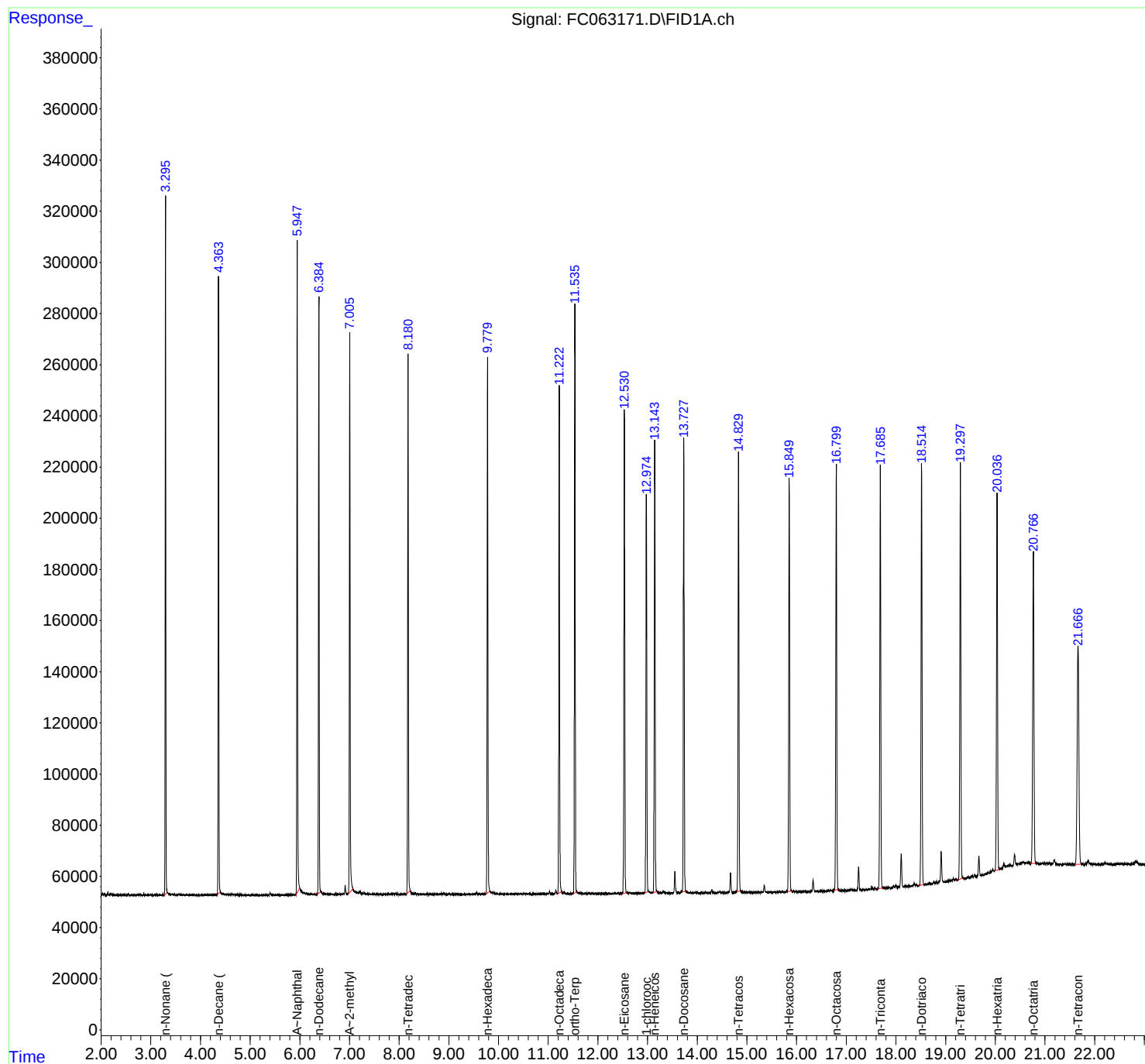
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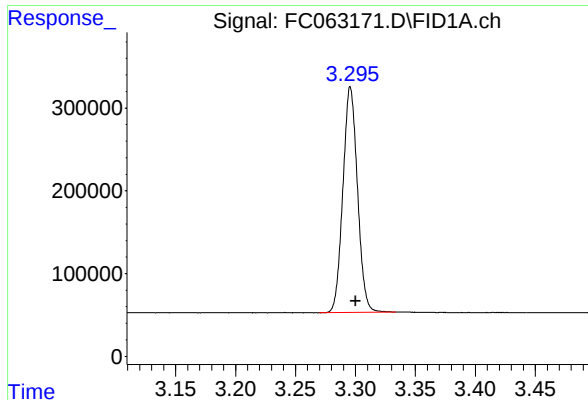
(m)=manual int.

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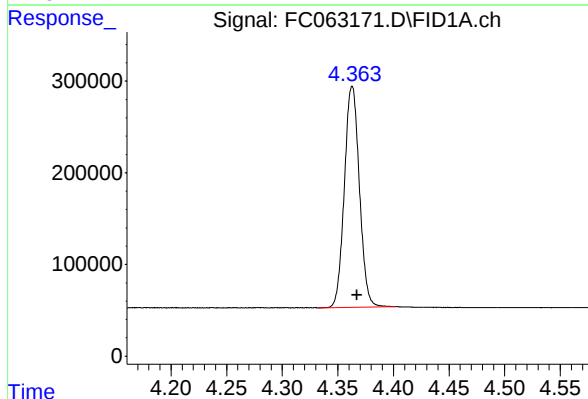
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Signal Phase : Rxi-1ms
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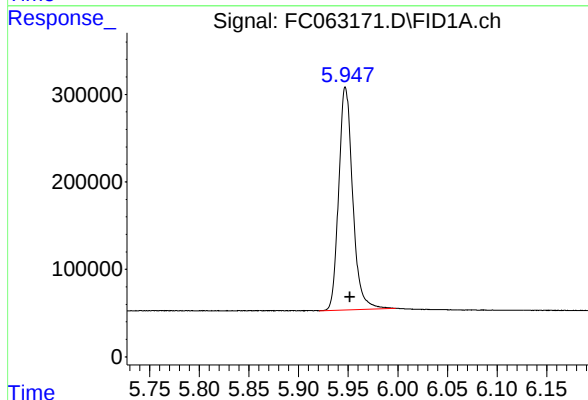
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 2305374
Conc: 19.45 ug/ml



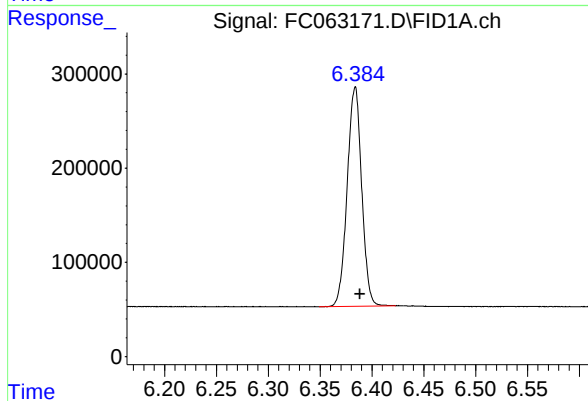
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 2267428
Conc: 19.66 ug/ml



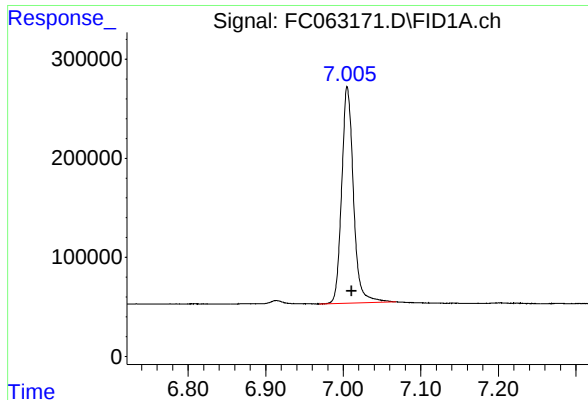
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2492765
Conc: 19.49 ug/ml



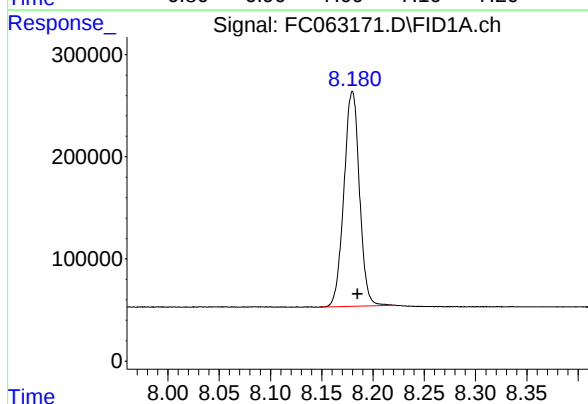
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 2266040
Conc: 19.62 ug/ml



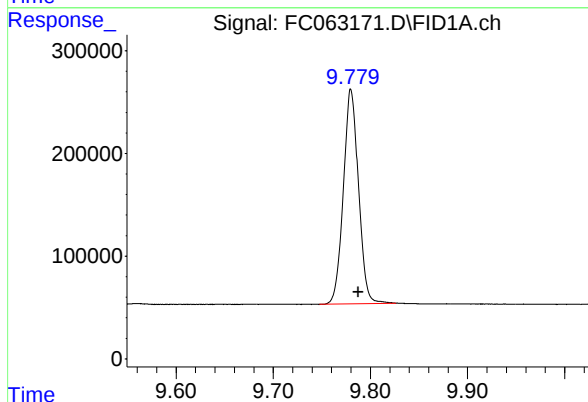
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.005 min
Response: 2304474
Conc: 19.58 ug/ml



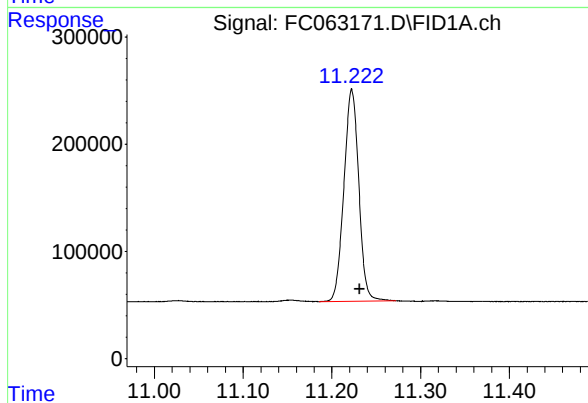
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2220368
Conc: 19.65 ug/ml



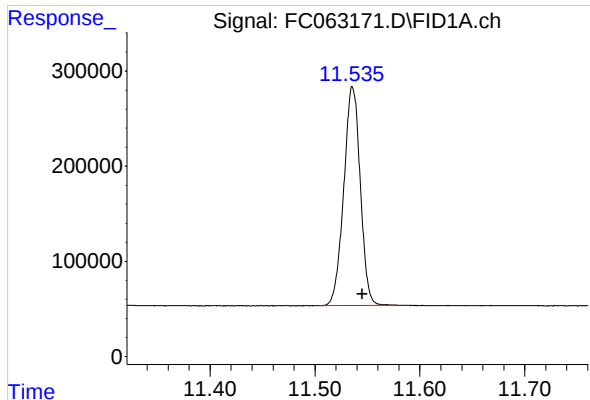
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 2261136
Conc: 19.66 ug/ml



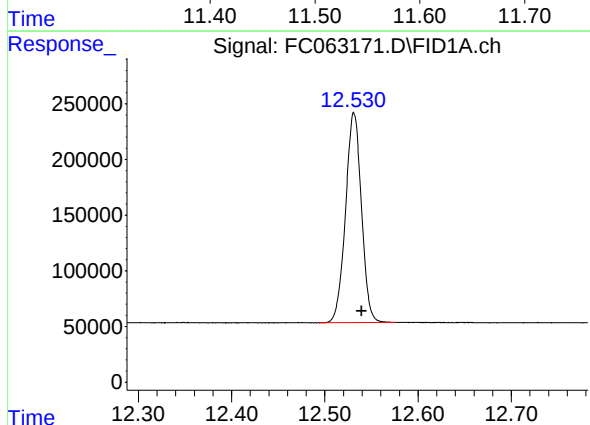
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 2300421
Conc: 19.75 ug/ml



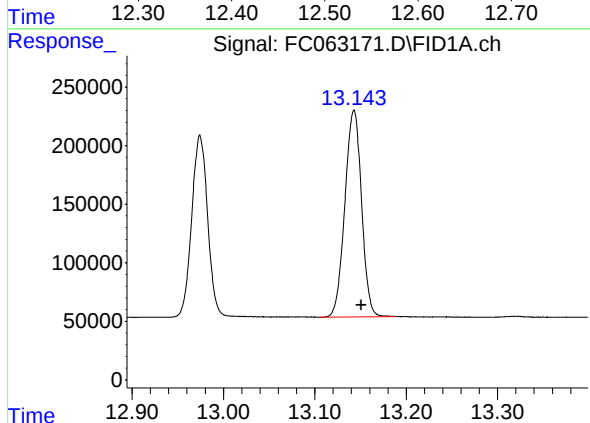
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.009 min
Response: 2515329
Conc: 19.38 ug/ml



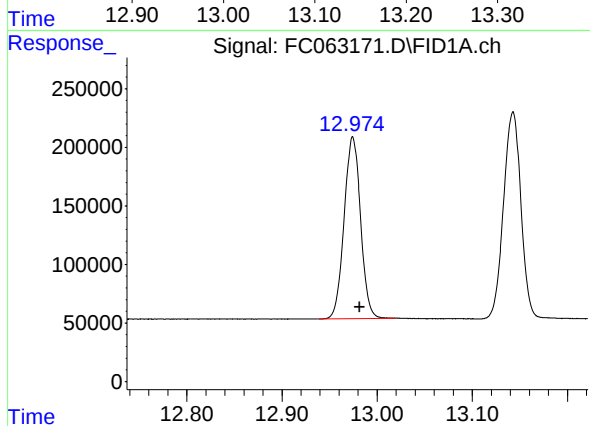
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.008 min
Response: 2236523
Conc: 19.63 ug/ml



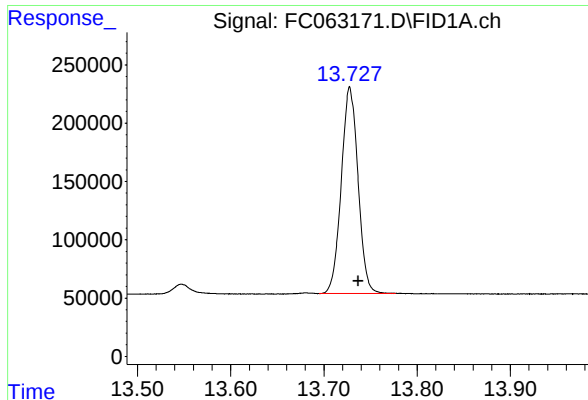
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 2236113
Conc: 19.62 ug/ml



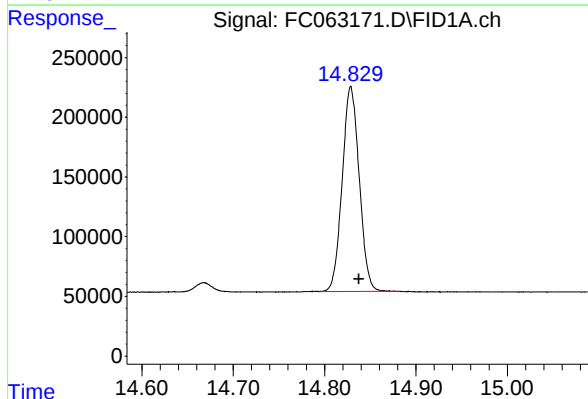
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 1870900
Conc: 19.18 ug/ml



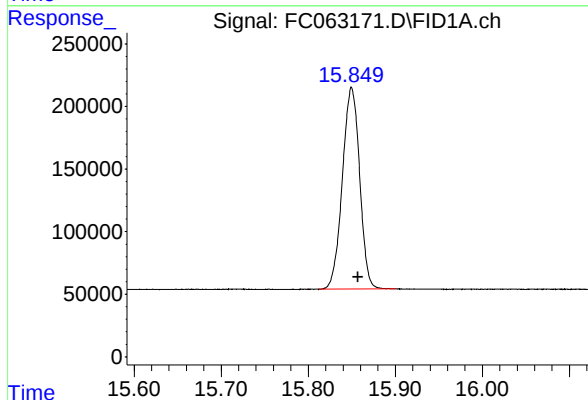
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.009 min
Response: 2209808
Conc: 19.59 ug/ml



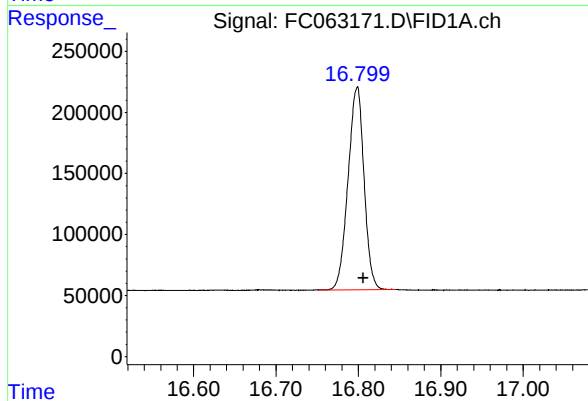
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.009 min
Response: 2220558
Conc: 19.82 ug/ml



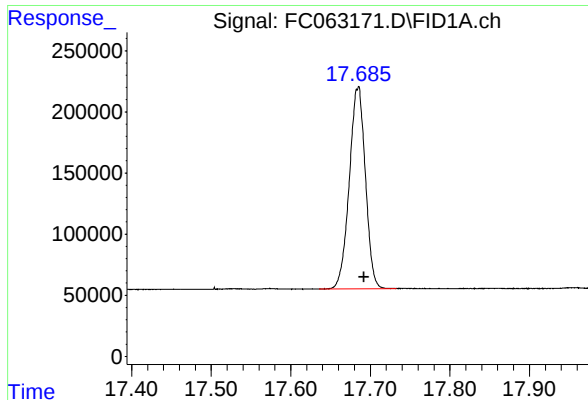
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.008 min
Response: 2221605
Conc: 20.09 ug/ml



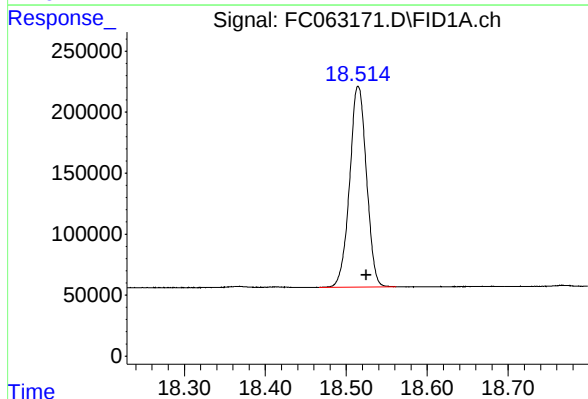
#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.007 min
Response: 2242773
Conc: 20.38 ug/ml



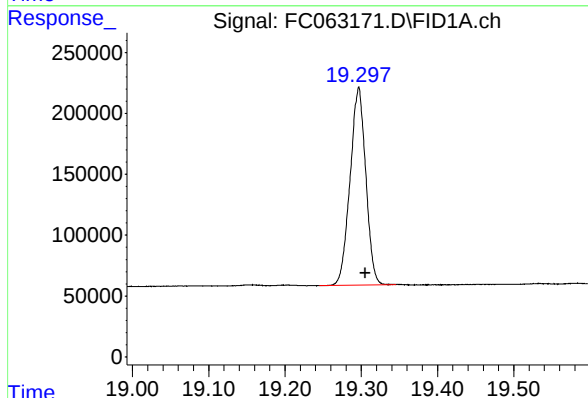
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.007 min
Response: 2320458
Conc: 21.07 ug/ml



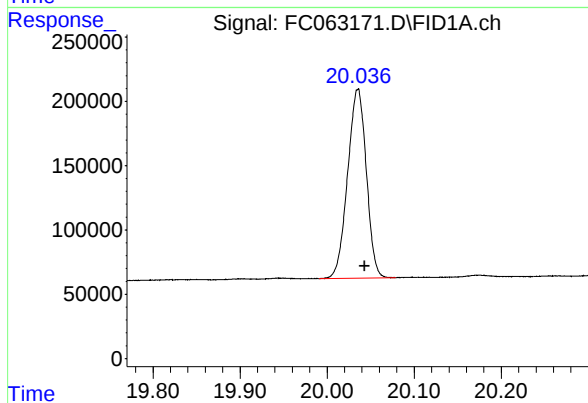
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.010 min
Response: 2382537
Conc: 21.35 ug/ml



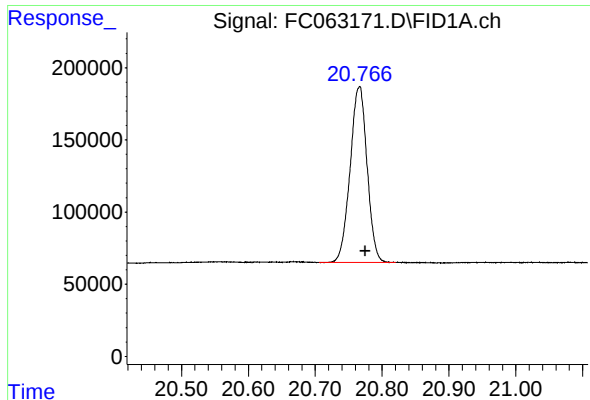
#19 n-Tetatriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.009 min
Response: 2322203
Conc: 20.78 ug/ml



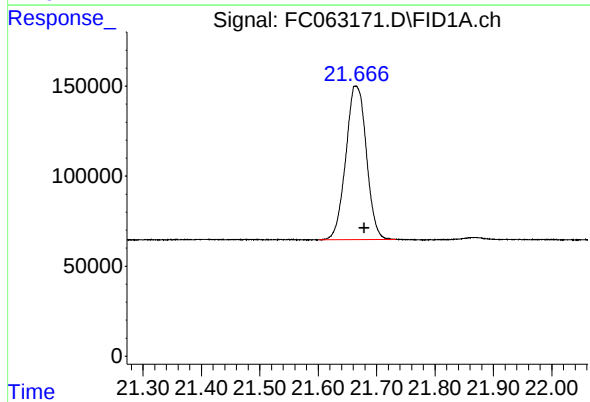
#20 n-Hexatriacontane (C36)

R.T.: 20.035 min
Delta R.T.: -0.008 min
Response: 2195528
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.009 min
Response: 2147578
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.015 min
Response: 2089372
Conc: 19.21 ug/ml