

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020923AL\
 Data File : FC062920.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2023 03:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 10 03:56:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.541	2525566	20.311 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
12) S 1-chlorooctadecane (S...	12.978	1934315	20.508 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T n-Nonane (C9)	3.297	2256119	20.876 ug/ml
2) T n-Decane (C10)	4.365	2247914	21.636 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2507183	21.199 ug/ml
4) T n-Dodecane (C12)	6.386	2256425	21.828 ug/ml
5) T A~2-methylnaphthalene...	7.008	2346689	21.448 ug/ml
6) T n-Tetradecane (C14)	8.183	2233124	21.767 ug/ml
7) T n-Hexadecane (C16)	9.785	2269332	20.975 ug/ml
8) T n-Octadecane (C18)	11.227	2297889	20.728 ug/ml
10) T n-Eicosane (C20)	12.536	2244407	20.585 ug/ml
11) T n-Heneicosane (C21)	13.147	2242229	20.600 ug/ml
13) T n-Docosane (C22)	13.733	2276875	21.134 ug/ml
14) T n-Tetracosane (C24)	14.836	2282456	21.312 ug/ml
15) T n-Hexacosane (C26)	15.856	2323985	22.053 ug/ml
16) T n-Octacosane (C28)	16.803	2392838	22.900 ug/ml
17) T n-Tricontane (C30)	17.692	2515516	24.090 ug/ml
18) T n-Dotriacontane (C32)	18.522	2572324	23.814 ug/ml
19) T n-Tetratriacontane (C34)	19.304	2437710	23.192 ug/ml
20) T n-Hexatriacontane (C36)	20.041	2279847	22.639 ug/ml
21) T n-Octatriacontane (C38)	20.771	2232456	22.235 ug/ml
22) T n-Tetracontane (C40)	21.675	2216940	23.001 ug/ml

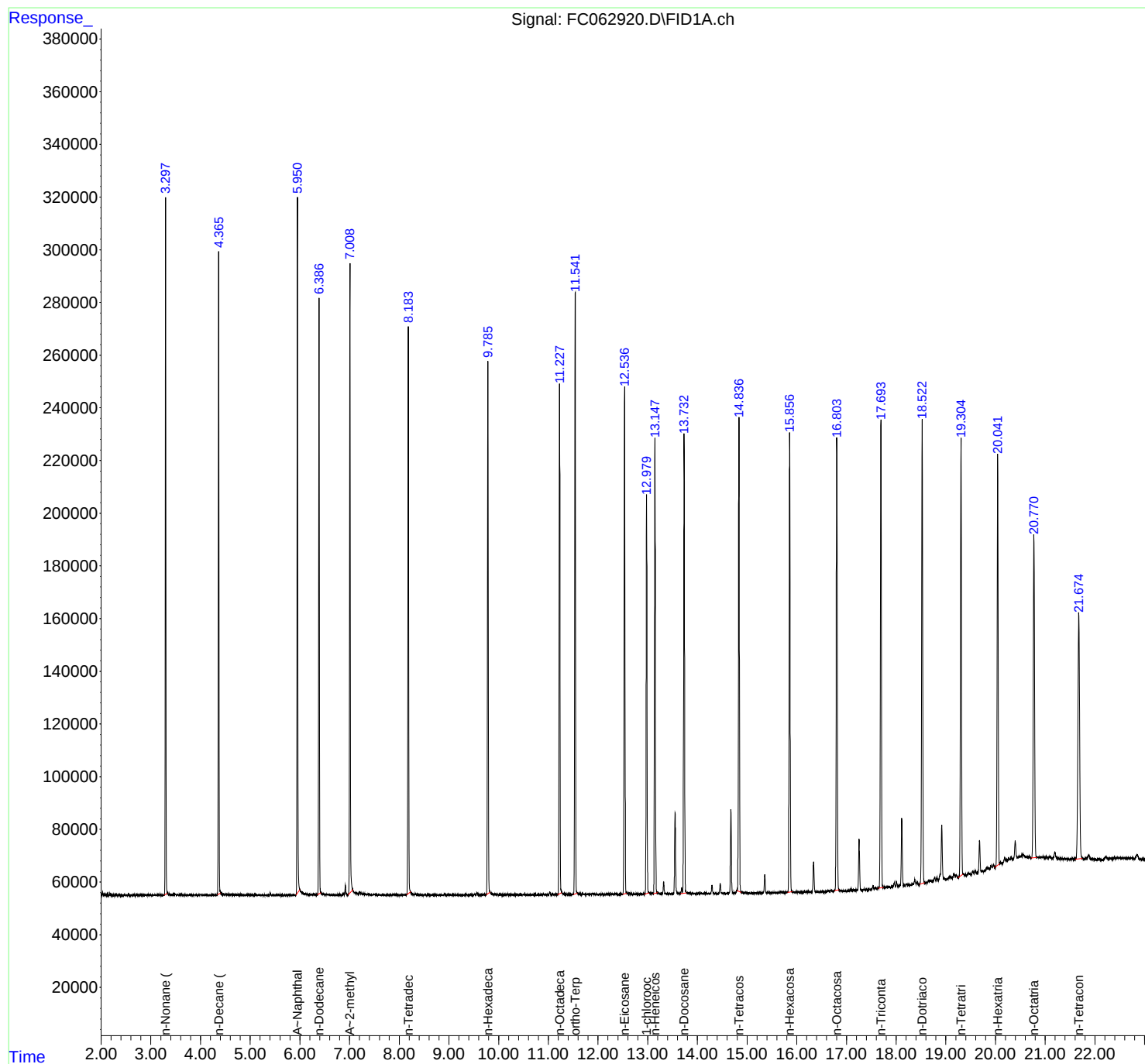
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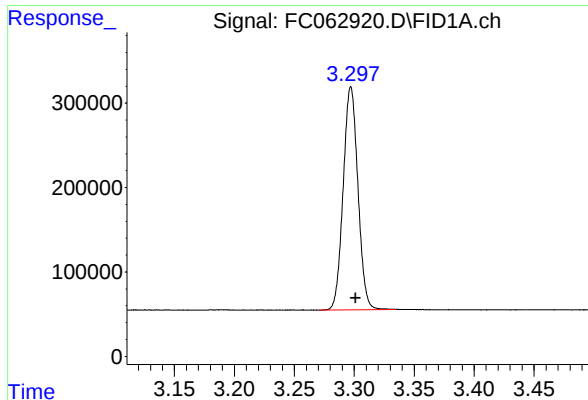
(m)=manual int.

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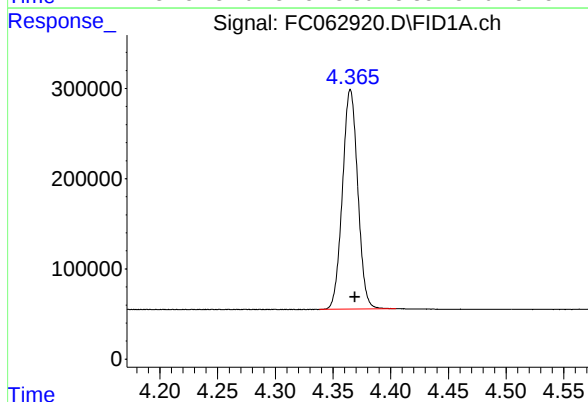
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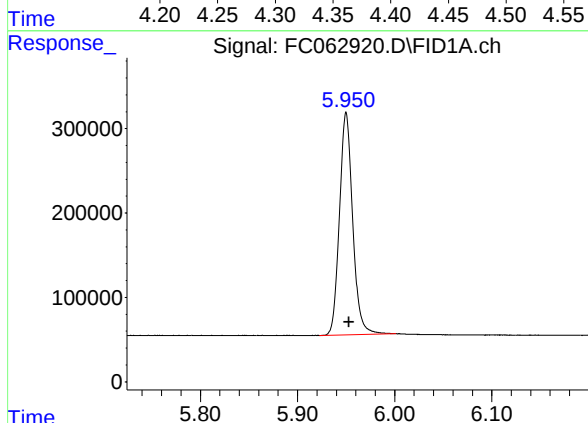
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2256119
Conc: 20.88 ug/ml



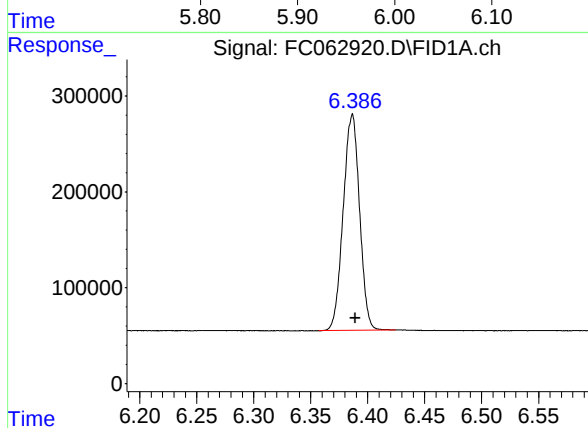
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 2247914
Conc: 21.64 ug/ml



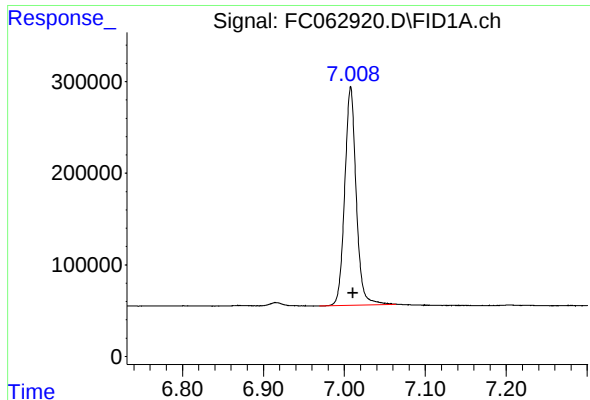
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2507183
Conc: 21.20 ug/ml



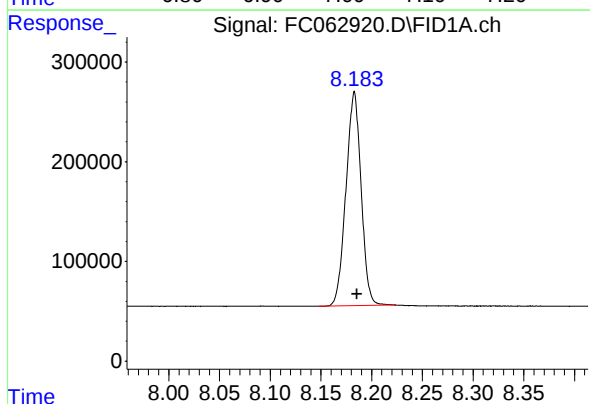
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.003 min
Response: 2256425
Conc: 21.83 ug/ml



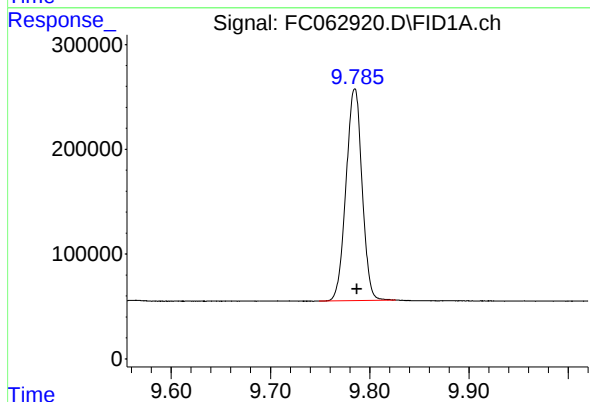
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2346689
Conc: 21.45 ug/ml



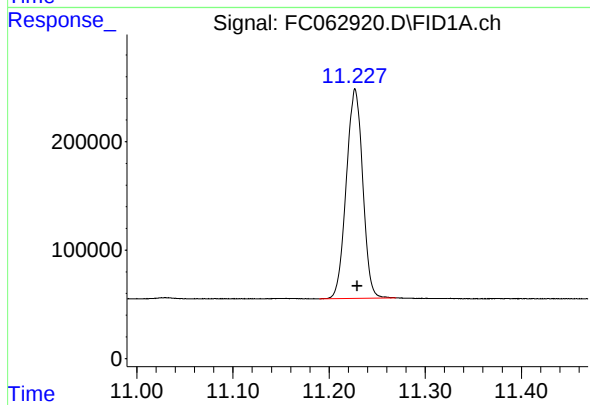
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 2233124
Conc: 21.77 ug/ml



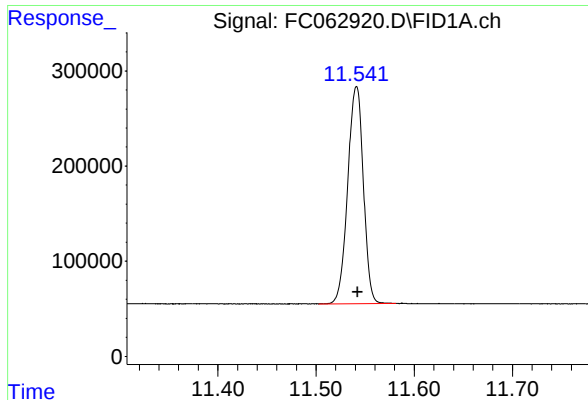
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 2269332
Conc: 20.97 ug/ml



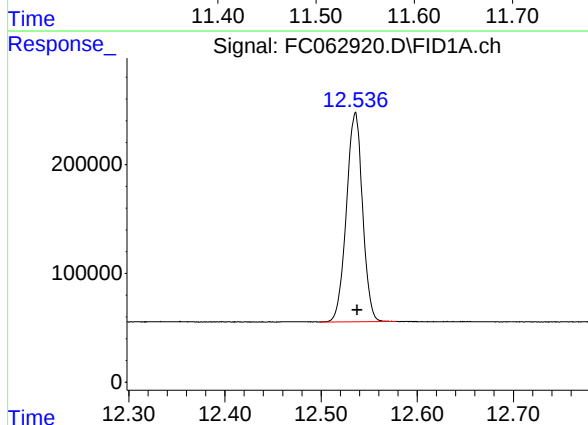
#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 2297889
Conc: 20.73 ug/ml



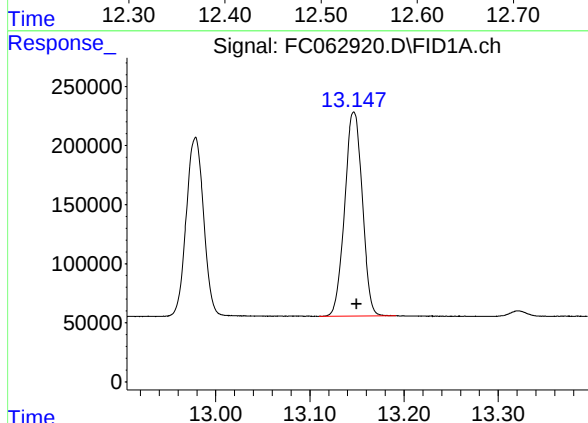
#9 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.001 min
Response: 2525566
Conc: 20.31 ug/ml



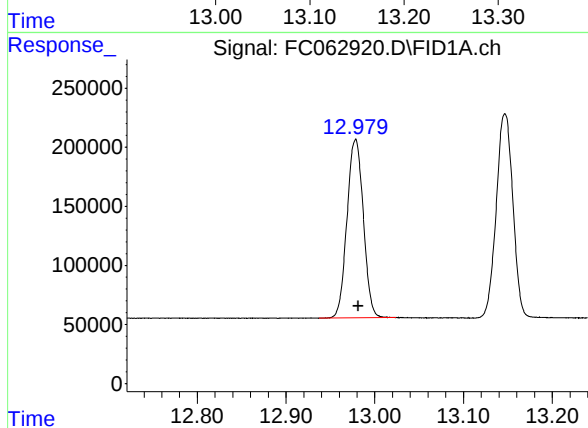
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.002 min
Response: 2244407
Conc: 20.59 ug/ml



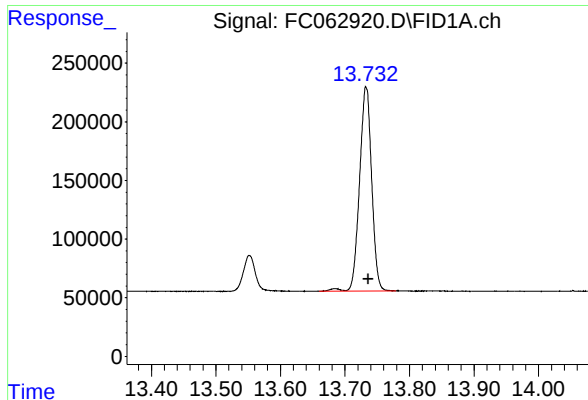
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.003 min
Response: 2242229
Conc: 20.60 ug/ml



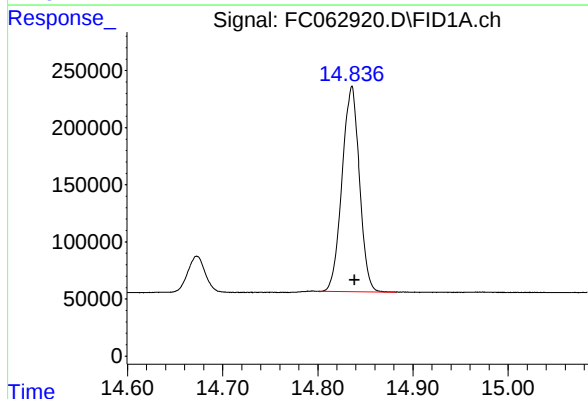
#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.003 min
Response: 1934315
Conc: 20.51 ug/ml



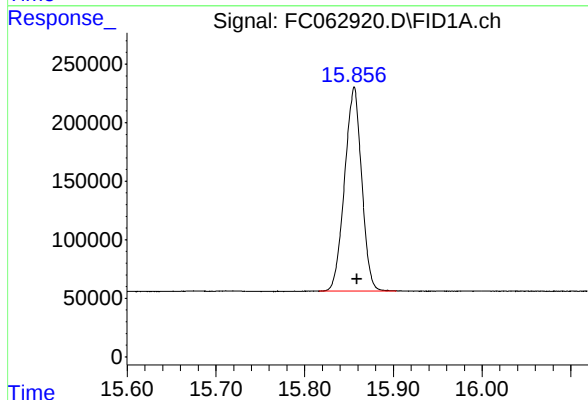
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.004 min
Response: 2276875
Conc: 21.13 ug/ml



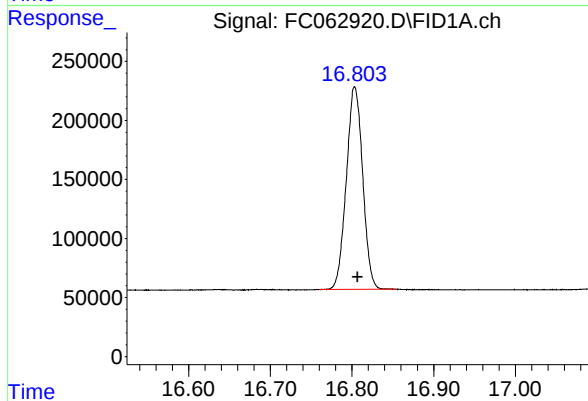
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: -0.003 min
Response: 2282456
Conc: 21.31 ug/ml



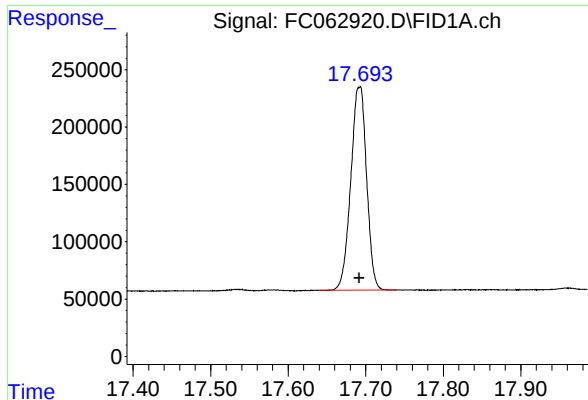
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.003 min
Response: 2323985
Conc: 22.05 ug/ml



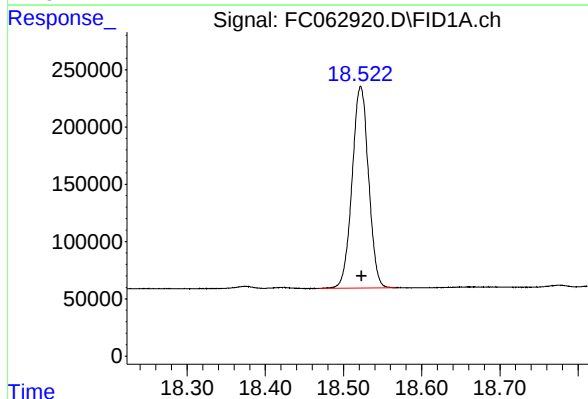
#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.004 min
Response: 2392838
Conc: 22.90 ug/ml



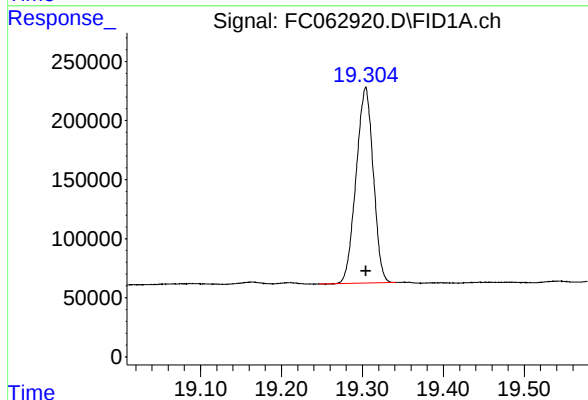
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: 0.000 min
Response: 2515516
Conc: 24.09 ug/ml



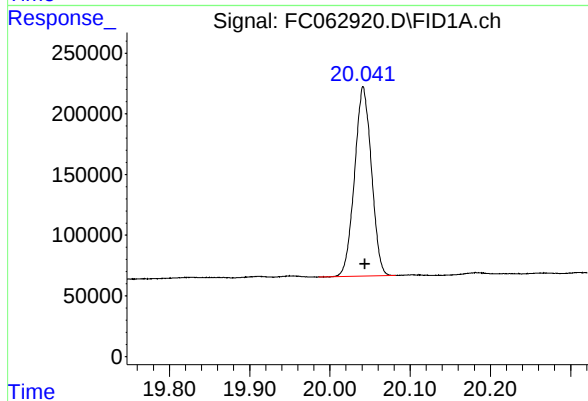
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.001 min
Response: 2572324
Conc: 23.81 ug/ml



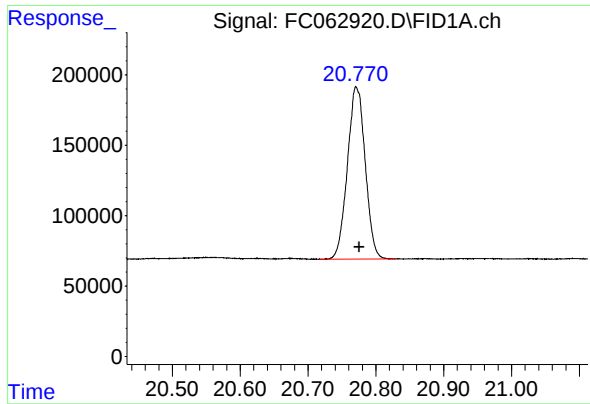
#19 n-Tetatriacontane (C34)

R.T.: 19.304 min
Delta R.T.: 0.000 min
Response: 2437710
Conc: 23.19 ug/ml



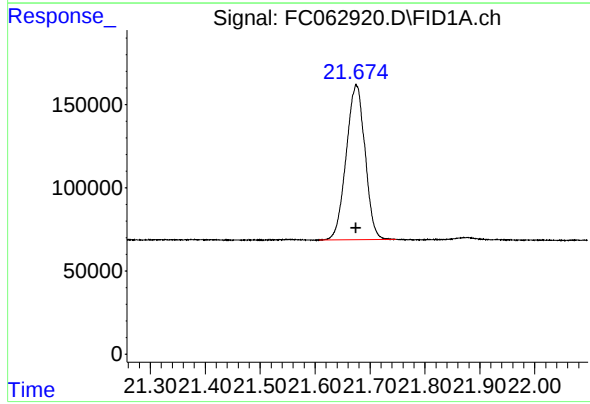
#20 n-Hexatriacontane (C36)

R.T.: 20.041 min
Delta R.T.: -0.002 min
Response: 2279847
Conc: 22.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.771 min
Delta R.T.: -0.005 min
Response: 2232456
Conc: 22.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.675 min
Delta R.T.: 0.001 min
Response: 2216940
Conc: 23.00 ug/ml