

Data Path : P:\HPCHEM1\FID D\Data\FD041318AL\
 Data File : FD023028.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2018 12:57
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:37:03 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 031618.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 19 11:51:27 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.175	2143627	20.881 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	12.616	1845092	23.342 ug/ml
Spiked Amount 50.000		Recovery =	46.68%
Target Compounds			
1) T n-Nonane (C9)	3.023	1971530	22.417 ug/ml
2) T n-Decane (C10)	4.072	2024736	22.825 ug/ml
3) T A-Naphthalene (C11.7)	5.633	2118501	22.417 ug/ml
4) T n-Dodecane (C12)	6.072	2093333	22.750 ug/ml
5) T A-2-methylnaphthalene...	6.684	2144807	22.194 ug/ml
6) T n-Tetradecane (C14)	7.854	2104023	22.240 ug/ml
7) T n-Hexadecane (C16)	9.442	2086153	21.877 ug/ml
8) T n-Octadecane (C18)	10.874	2038978	21.635 ug/ml
10) T n-Eicosane (C20)	12.176	2036698	21.172 ug/ml
11) T n-Heneicosane (C21)	12.785	1996158	20.723 ug/ml
13) T n-Docosane (C22)	13.367	2120795	21.863 ug/ml
14) T n-Tetracosane (C24)	14.463	2177663	22.376 ug/ml
15) T n-Hexacosane (C26)	15.478	2236292	22.836 ug/ml
16) T n-Octacosane (C28)	16.423	2402179	24.147 ug/ml
17) T n-Tricontane (C30)	17.306	2445816	25.307 ug/ml
18) T n-Dotriacontane (C32)	18.134	2501103	26.637 ug/ml
19) T n-Tetratriacontane (C34)	18.912	2352869	26.152 ug/ml
20) T n-Hexatriacontane (C36)	19.648	2430987	28.469 ug/ml
21) T n-Octatriacontane (C38)	20.345	1961344	23.674 ug/ml
22) T n-Tetracontane (C40)	21.104	2131510	27.368 ug/ml

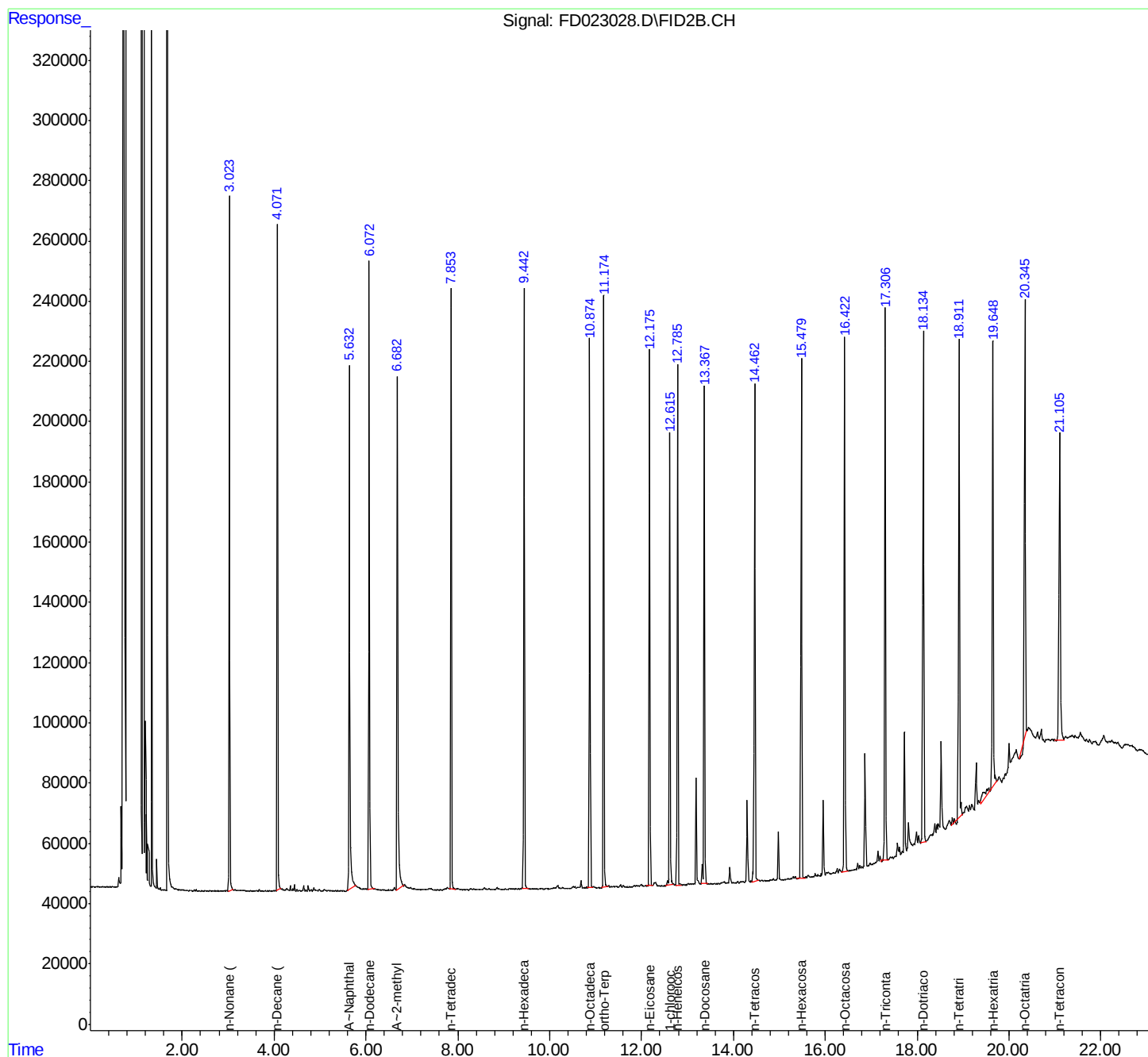
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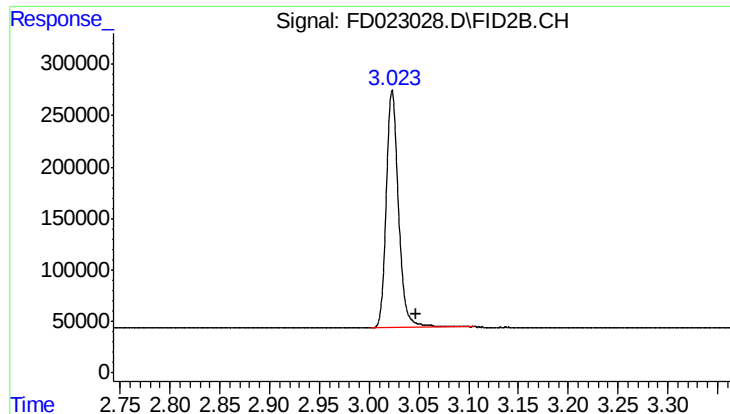
(m)=manual int.

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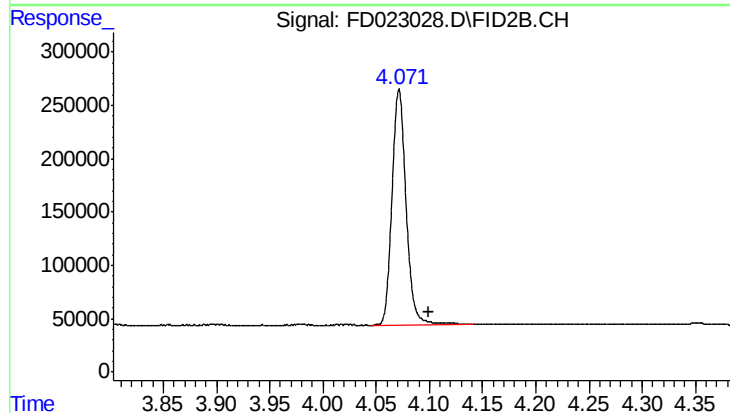
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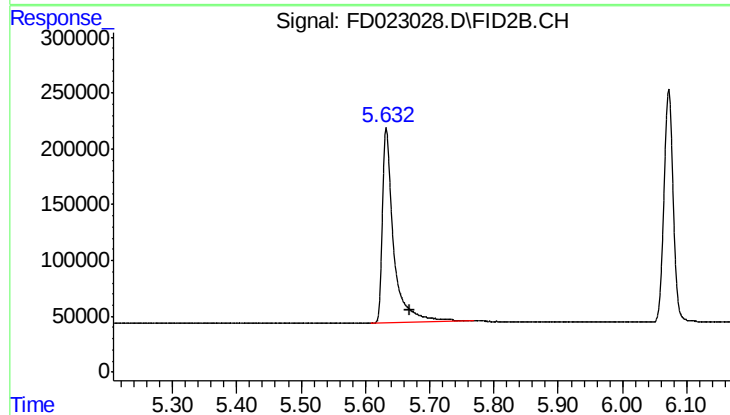
#1 n-Nonane (C9)

R.T.: 3.023 min
Delta R.T.: -0.024 min
Response: 1971530
Conc: 22.42 ug/ml



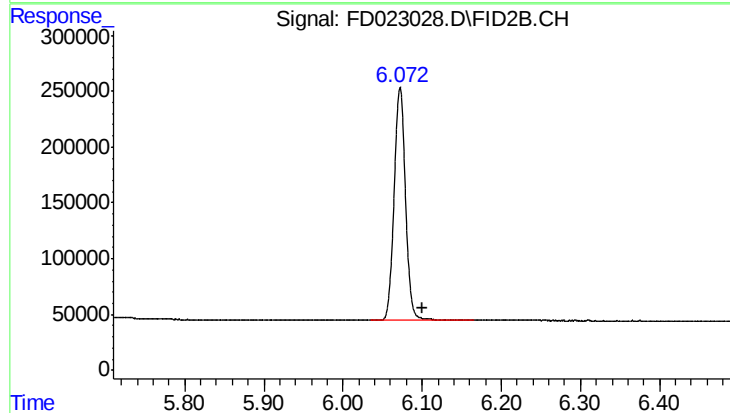
#2 n-Decane (C10)

R.T.: 4.072 min
Delta R.T.: -0.028 min
Response: 2024736
Conc: 22.83 ug/ml



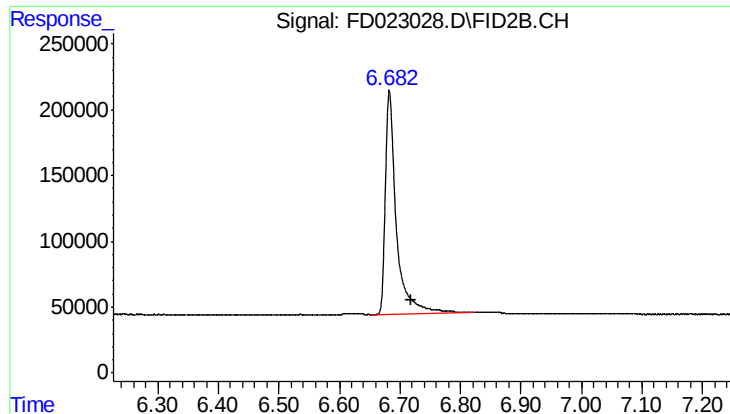
#3 A-Naphthalene (C11.7)

R.T.: 5.633 min
Delta R.T.: -0.037 min
Response: 2118501
Conc: 22.42 ug/ml



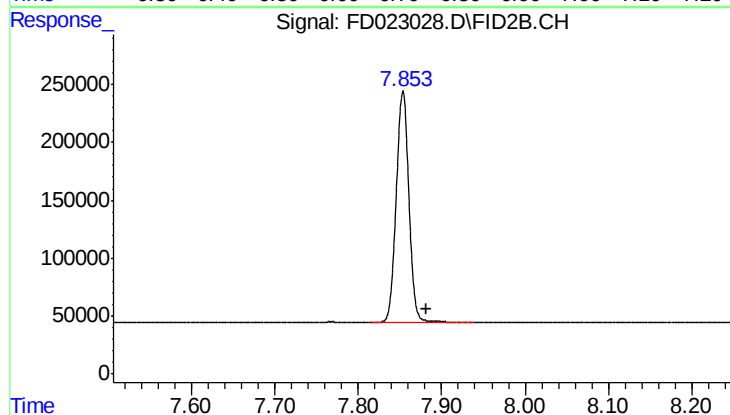
#4 n-Dodecane (C12)

R.T.: 6.072 min
Delta R.T.: -0.029 min
Response: 2093333
Conc: 22.75 ug/ml



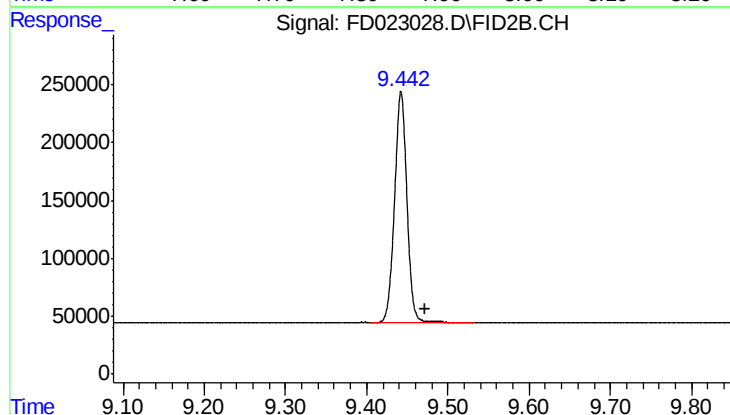
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.684 min
Delta R.T.: -0.035 min
Response: 2144807
Conc: 22.19 ug/ml



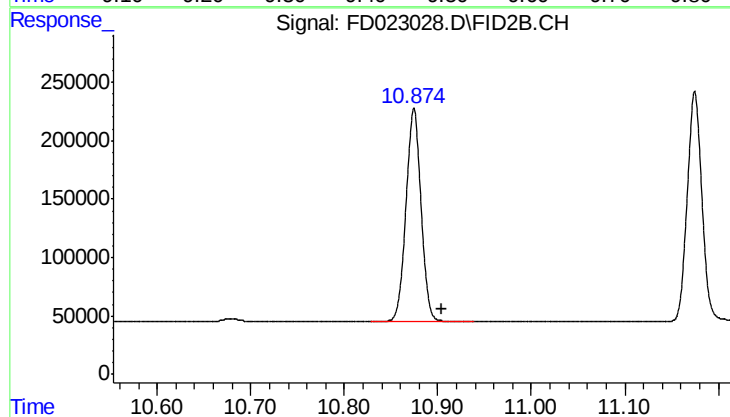
#6 n-Tetradecane (C14)

R.T.: 7.854 min
Delta R.T.: -0.029 min
Response: 2104023
Conc: 22.24 ug/ml



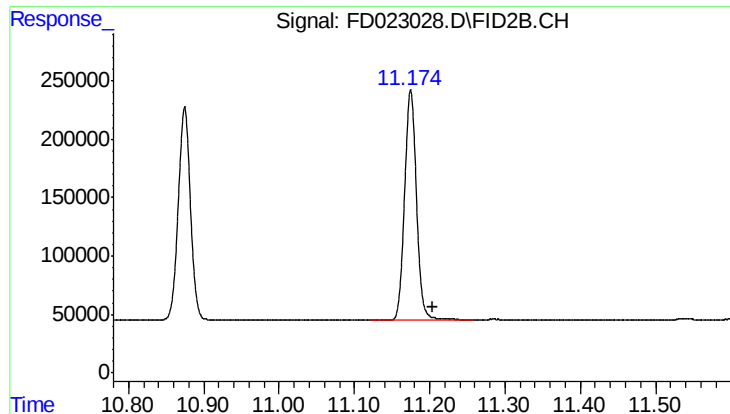
#7 n-Hexadecane (C16)

R.T.: 9.442 min
Delta R.T.: -0.030 min
Response: 2086153
Conc: 21.88 ug/ml



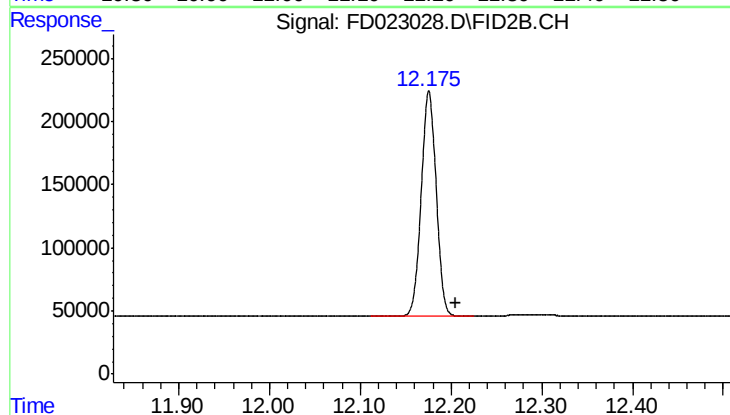
#8 n-Octadecane (C18)

R.T.: 10.874 min
Delta R.T.: -0.029 min
Response: 2038978
Conc: 21.64 ug/ml



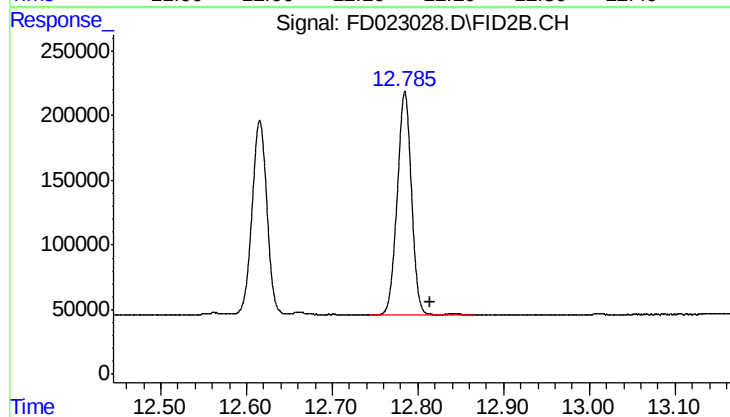
#9 ortho-Terphenyl (SURR)

R.T.: 11.175 min
Delta R.T.: -0.030 min
Response: 2143627
Conc: 20.88 ug/ml



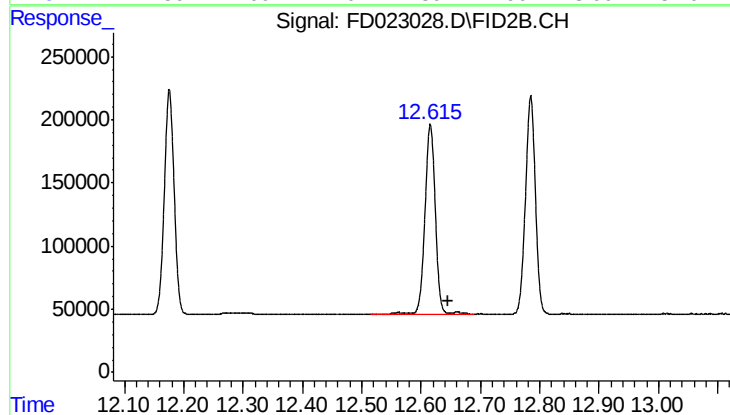
#10 n-Eicosane (C20)

R.T.: 12.176 min
Delta R.T.: -0.030 min
Response: 2036698
Conc: 21.17 ug/ml



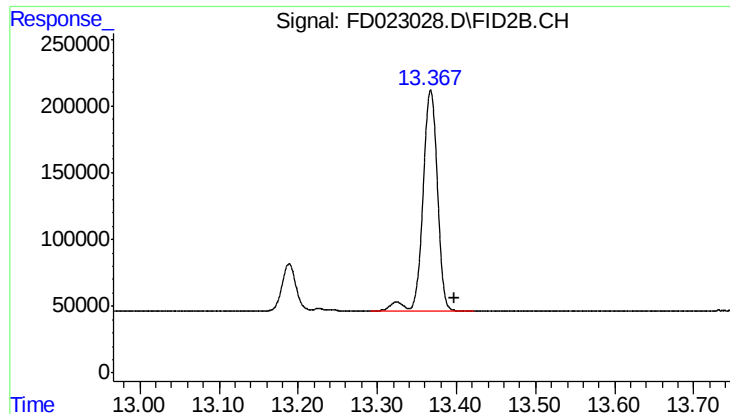
#11 n-Heneicosane (C21)

R.T.: 12.785 min
Delta R.T.: -0.030 min
Response: 1996158
Conc: 20.72 ug/ml



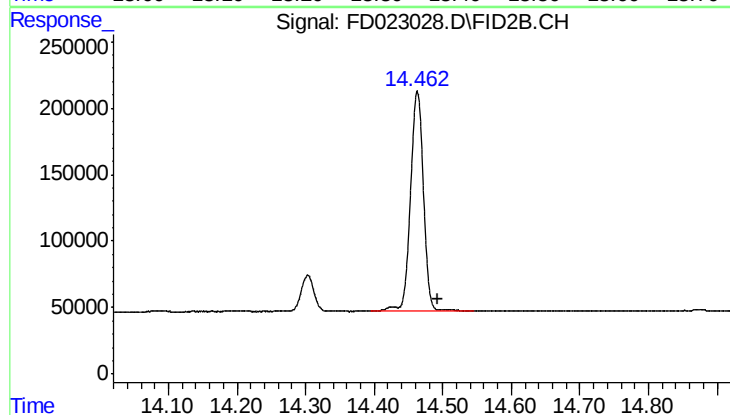
#12 1-chlorooctadecane (SURR)

R.T.: 12.616 min
Delta R.T.: -0.030 min
Response: 1845092
Conc: 23.34 ug/ml



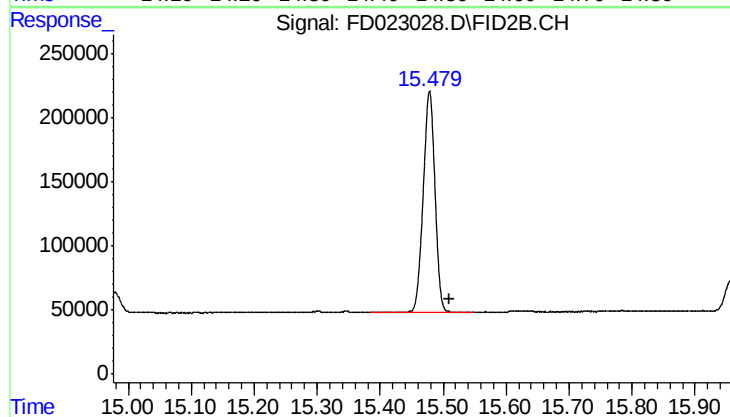
#13 n-Docosane (C22)

R.T.: 13.367 min
Delta R.T.: -0.030 min
Response: 2120795
Conc: 21.86 ug/ml



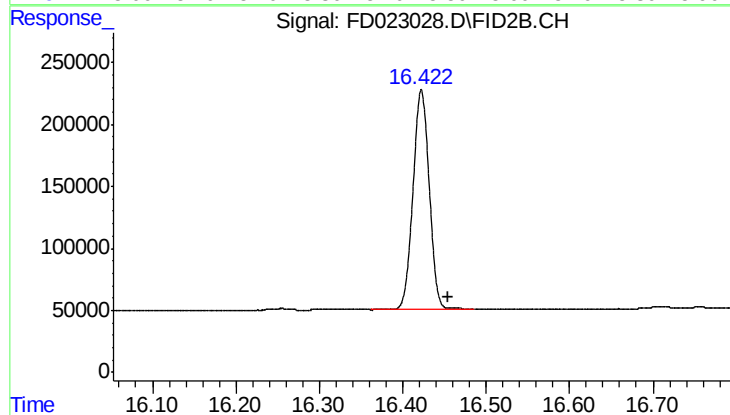
#14 n-Tetracosane (C24)

R.T.: 14.463 min
Delta R.T.: -0.031 min
Response: 2177663
Conc: 22.38 ug/ml



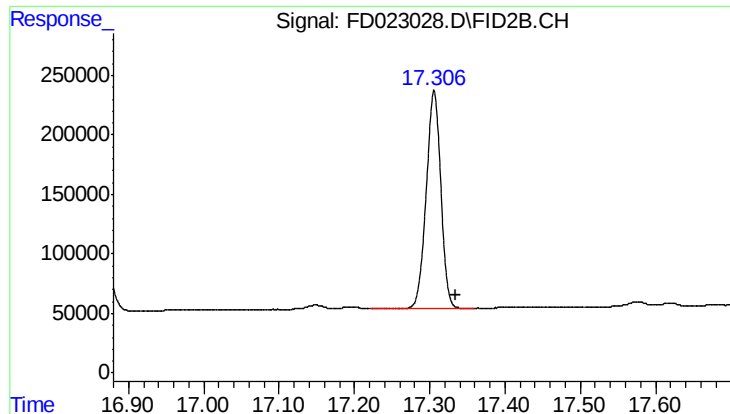
#15 n-Hexacosane (C26)

R.T.: 15.478 min
Delta R.T.: -0.031 min
Response: 2236292
Conc: 22.84 ug/ml



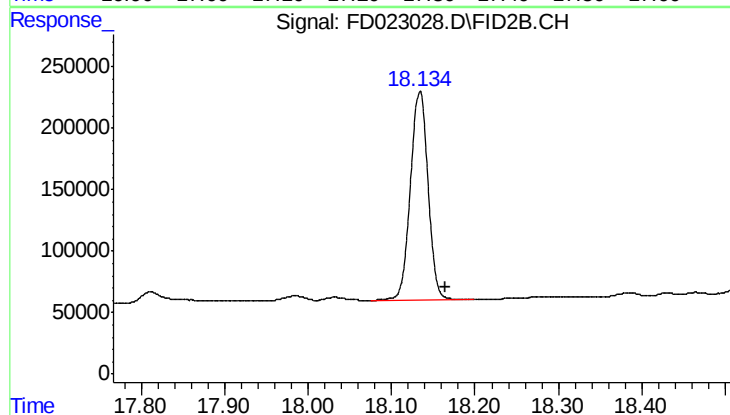
#16 n-Octacosane (C28)

R.T.: 16.423 min
Delta R.T.: -0.031 min
Response: 2402179
Conc: 24.15 ug/ml



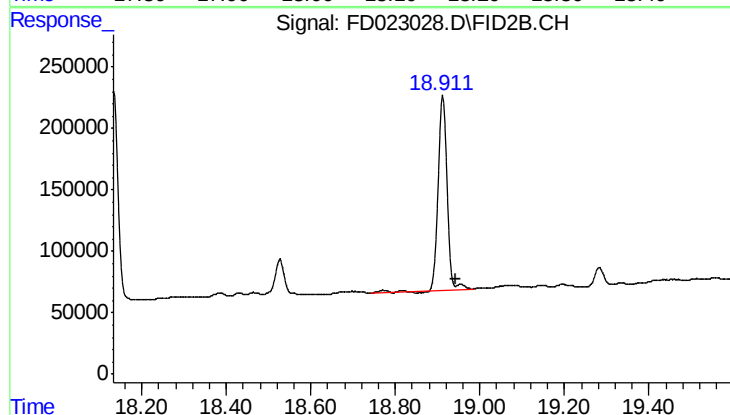
#17 n-Tricontane (C30)

R.T.: 17.306 min
Delta R.T.: -0.029 min
Response: 2445816
Conc: 25.31 ug/ml



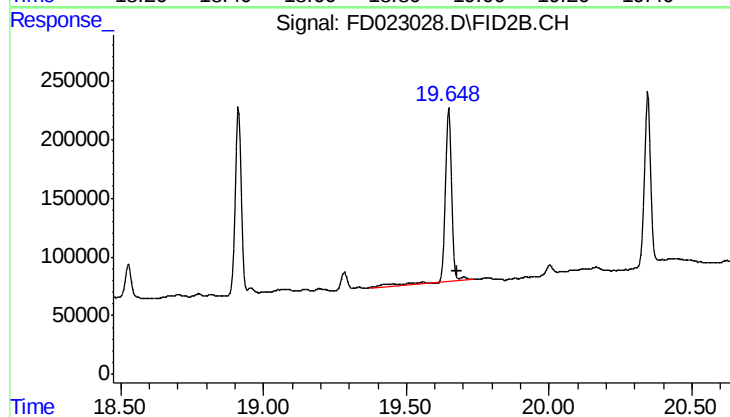
#18 n-Dotriacontane (C32)

R.T.: 18.134 min
Delta R.T.: -0.031 min
Response: 2501103
Conc: 26.64 ug/ml



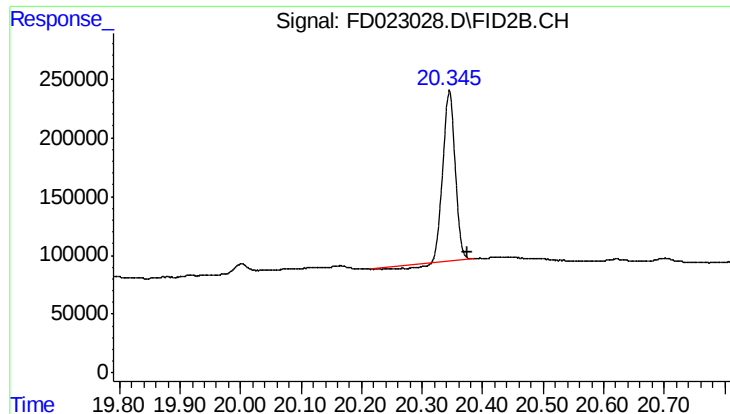
#19 n-Tetratriacontane (C34)

R.T.: 18.912 min
Delta R.T.: -0.032 min
Response: 2352869
Conc: 26.15 ug/ml



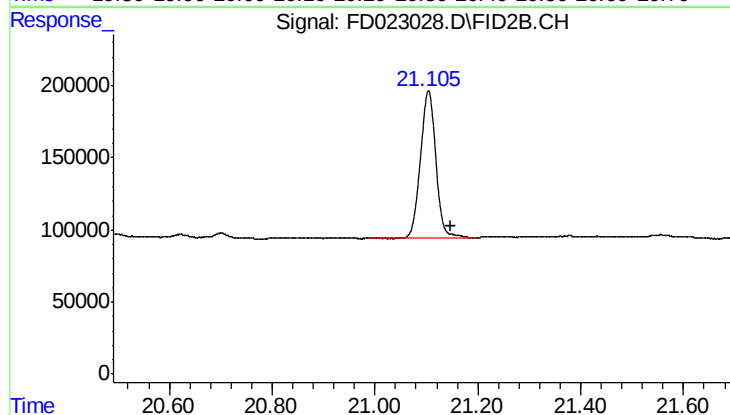
#20 n-Hexatriacontane (C36)

R.T.: 19.648 min
Delta R.T.: -0.031 min
Response: 2430987
Conc: 28.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.345 min
Delta R.T.: -0.030 min
Response: 1961344
Conc: 23.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.104 min
Delta R.T.: -0.042 min
Response: 2131510
Conc: 27.37 ug/ml