

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032223AL\
 Data File : FC063216.D
 Signal(s) : FID1A.ch
 Acq On : 22 Mar 2023 19:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 23 00:20:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.530	2835711	21.660 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
12) S 1-chlorooctadecane (S...	12.968	2174173	22.533 ug/ml
Spiked Amount 50.000		Recovery =	45.07%
Target Compounds			
1) T n-Nonane (C9)	3.290	2523484	20.862 ug/ml
2) T n-Decane (C10)	4.360	2520184	21.418 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2802438	21.764 ug/ml
4) T n-Dodecane (C12)	6.380	2507532	21.340 ug/ml
5) T A~2-methylnaphthalene...	7.002	2610283	22.193 ug/ml
6) T n-Tetradecane (C14)	8.176	2472779	21.478 ug/ml
7) T n-Hexadecane (C16)	9.776	2549176	21.881 ug/ml
8) T n-Octadecane (C18)	11.218	2592744	21.930 ug/ml
10) T n-Eicosane (C20)	12.525	2529646	21.959 ug/ml
11) T n-Heneicosane (C21)	13.136	2539289	22.031 ug/ml
13) T n-Docosane (C22)	13.721	2508119	22.026 ug/ml
14) T n-Tetracosane (C24)	14.821	2500375	21.993 ug/ml
15) T n-Hexacosane (C26)	15.841	2482813	22.062 ug/ml
16) T n-Octacosane (C28)	16.791	2526338	22.448 ug/ml
17) T n-Tricontane (C30)	17.674	2649707	23.296 ug/ml
18) T n-Dotriacontane (C32)	18.506	2738328	23.667 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2664152	23.178 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2491799	22.804 ug/ml
21) T n-Octatriacontane (C38)	20.753	2474134	22.898 ug/ml
22) T n-Tetracontane (C40)	21.648	2453249	23.167 ug/ml

(f)=RT Delta > 1/2 Window

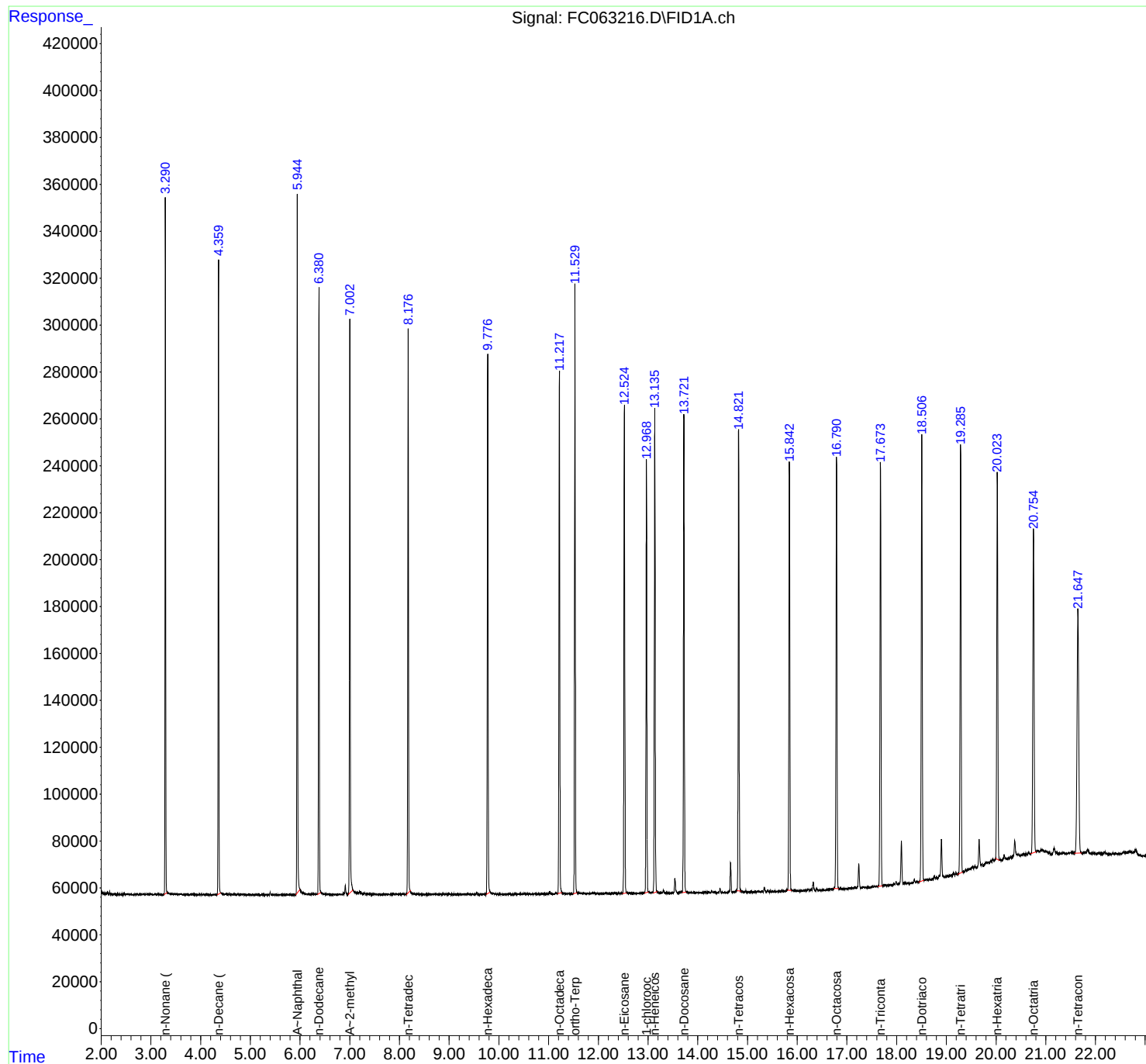
(m)=manual int.

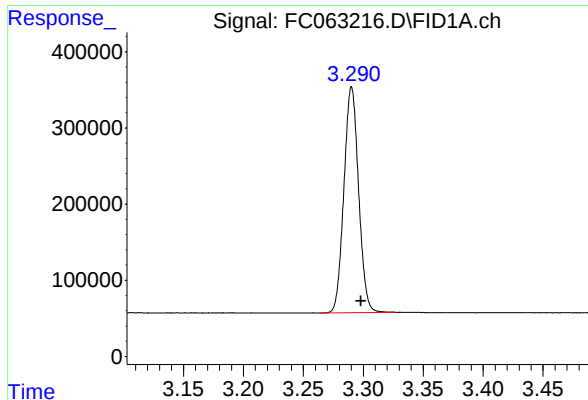
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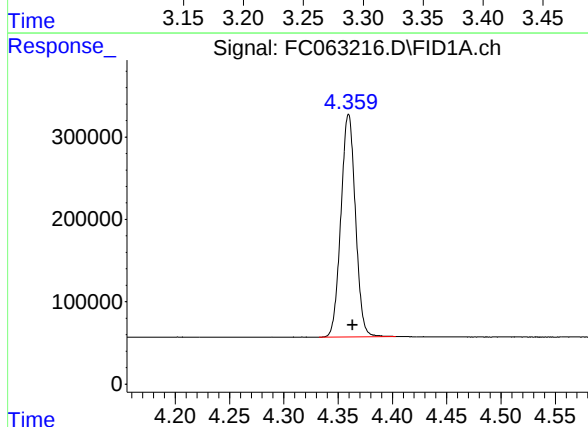




#1 n-Nonane (C9)

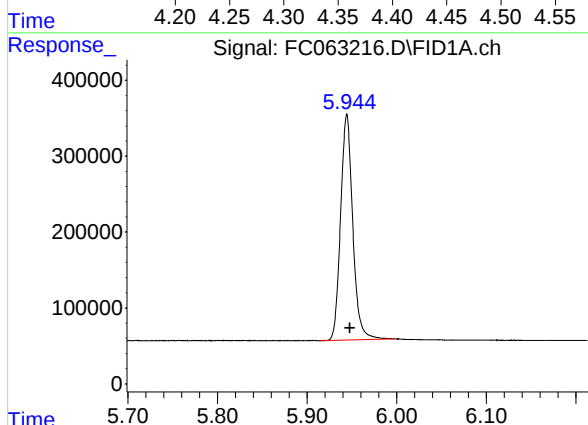
R.T.: 3.290 min
Delta R.T.: -0.008 min
Response: 2523484
Conc: 20.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



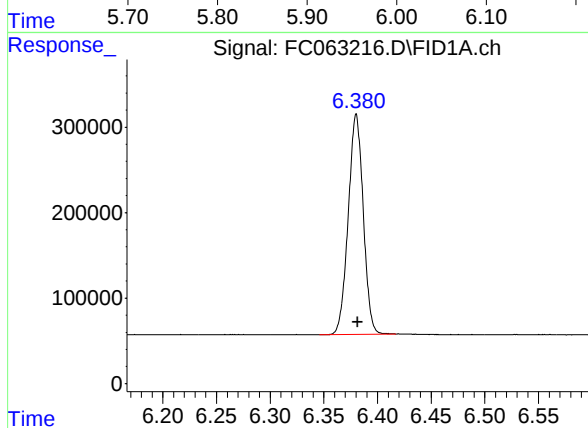
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 2520184
Conc: 21.42 ug/ml



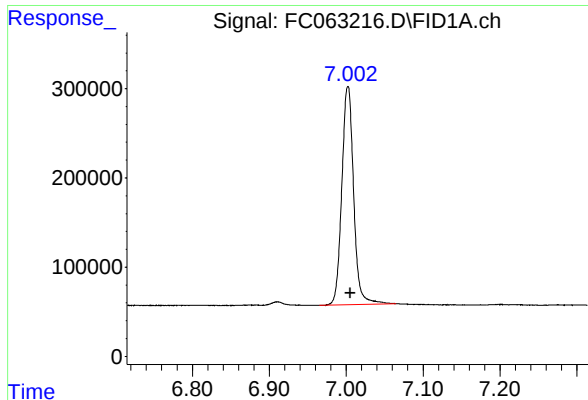
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 2802438
Conc: 21.76 ug/ml



#4 n-Dodecane (C12)

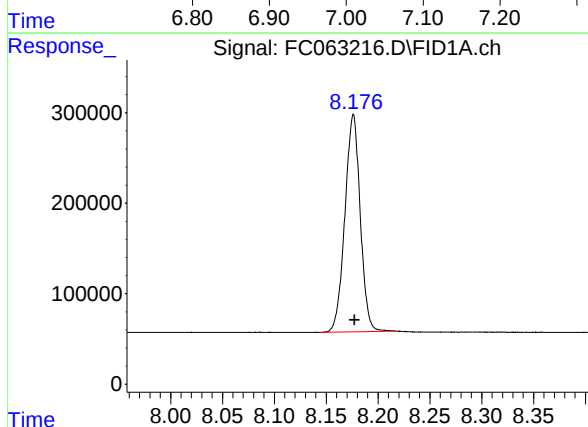
R.T.: 6.380 min
Delta R.T.: -0.001 min
Response: 2507532
Conc: 21.34 ug/ml



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

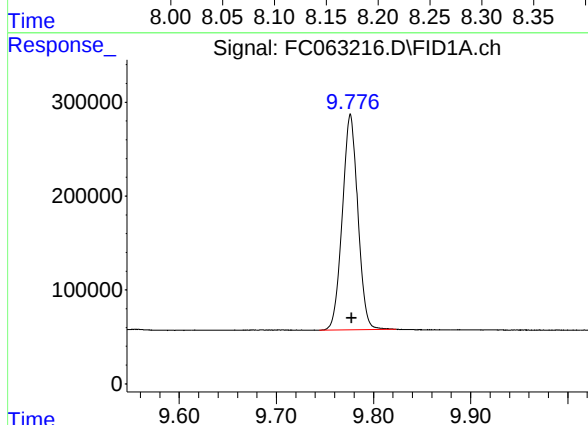
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 2610283
Conc: 22.19 ug/ml

Instrument :
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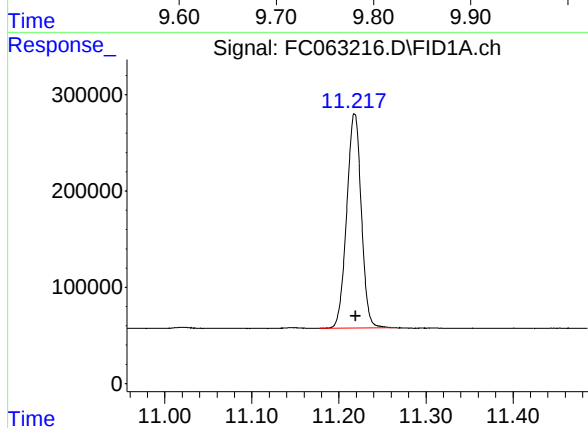
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.001 min
Response: 2472779
Conc: 21.48 ug/ml



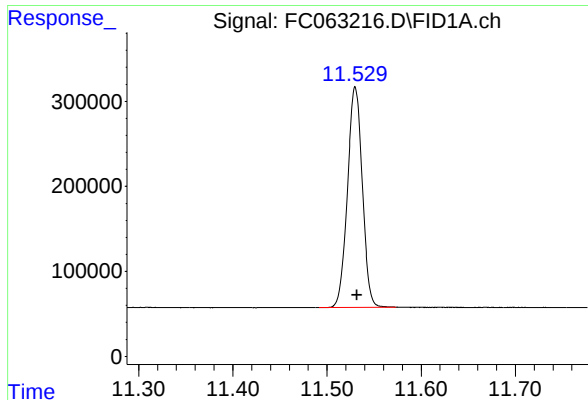
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.001 min
Response: 2549176
Conc: 21.88 ug/ml



#8 n-Octadecane (C18)

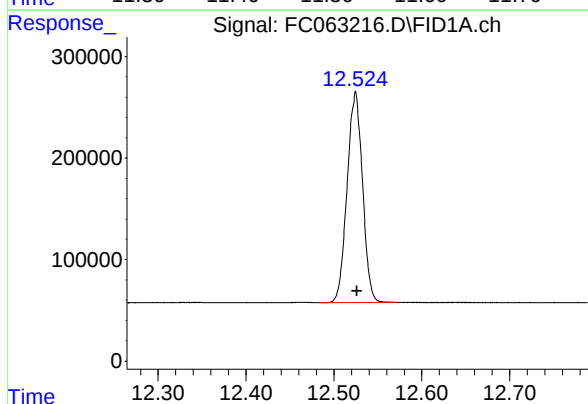
R.T.: 11.218 min
Delta R.T.: -0.001 min
Response: 2592744
Conc: 21.93 ug/ml



#9 ortho-Terphenyl (SURR)

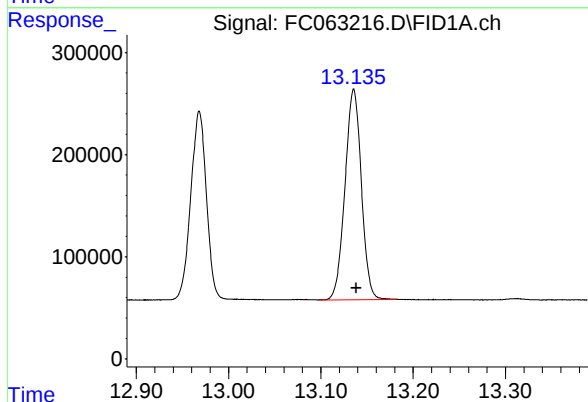
R.T.: 11.530 min
Delta R.T.: -0.002 min
Response: 2835711
Conc: 21.66 ug/ml

Instrument :
FID_C
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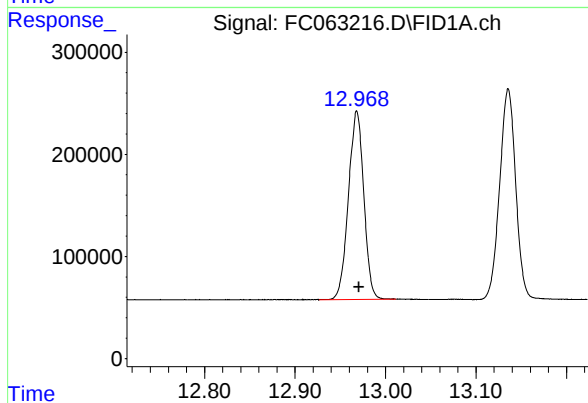
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.001 min
Response: 2529646
Conc: 21.96 ug/ml



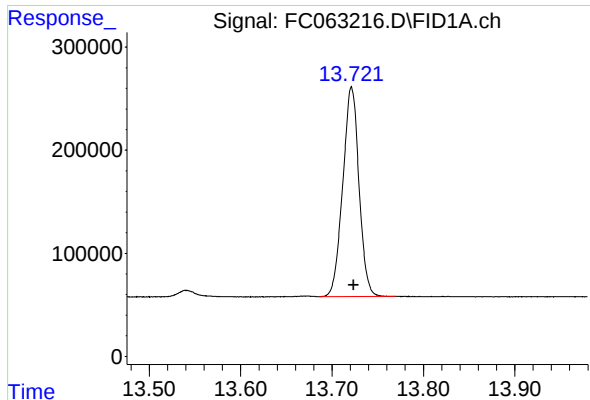
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.003 min
Response: 2539289
Conc: 22.03 ug/ml



#12 1-chlorooctadecane (SURR)

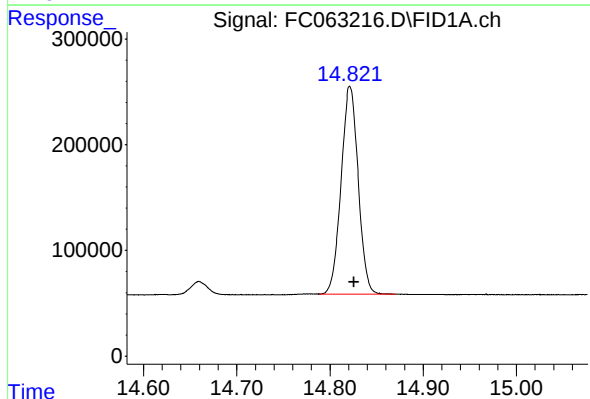
R.T.: 12.968 min
Delta R.T.: -0.003 min
Response: 2174173
Conc: 22.53 ug/ml



#13 n-Docosane (C22)

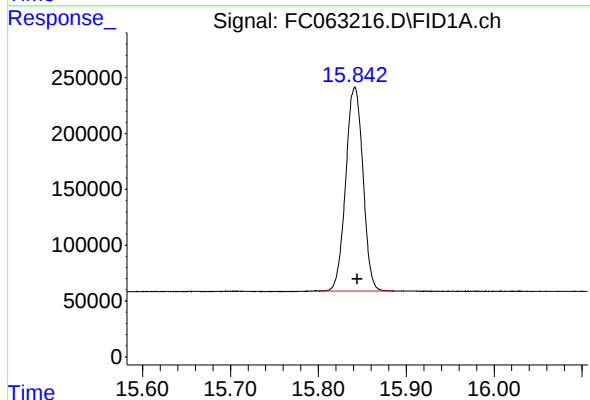
R.T.: 13.721 min
Delta R.T.: -0.002 min
Response: 2508119
Conc: 22.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



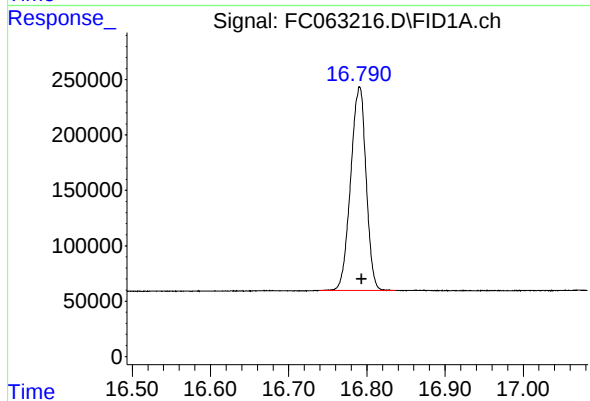
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.004 min
Response: 2500375
Conc: 21.99 ug/ml



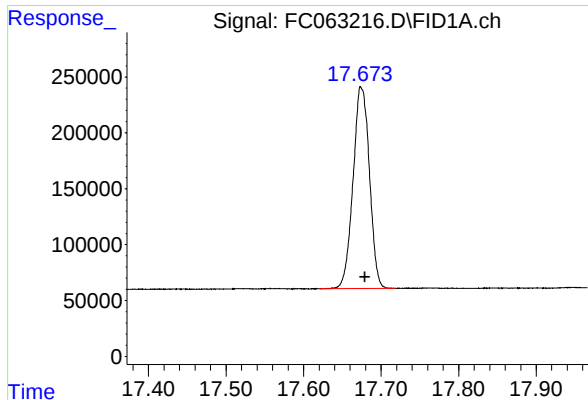
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.003 min
Response: 2482813
Conc: 22.06 ug/ml



#16 n-Octacosane (C28)

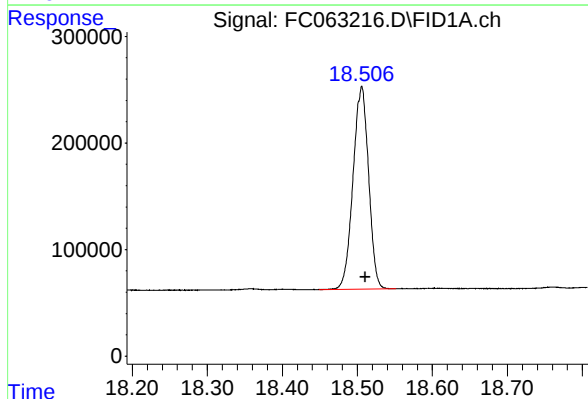
R.T.: 16.791 min
Delta R.T.: -0.003 min
Response: 2526338
Conc: 22.45 ug/ml



#17 n-Tricontane (C30)

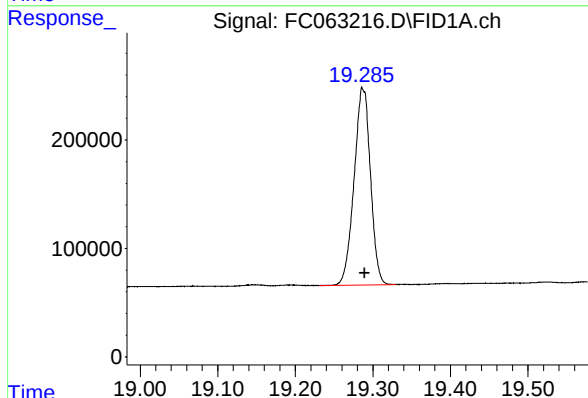
R.T.: 17.674 min
Delta R.T.: -0.005 min
Response: 2649707
Conc: 23.30 ug/ml

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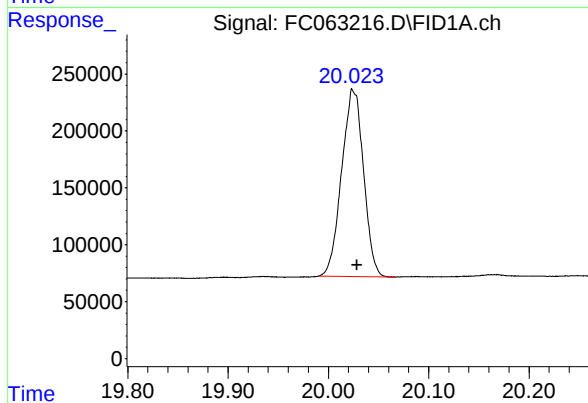
#18 n-Dotriacontane (C32)

R.T.: 18.506 min
Delta R.T.: -0.004 min
Response: 2738328
Conc: 23.67 ug/ml



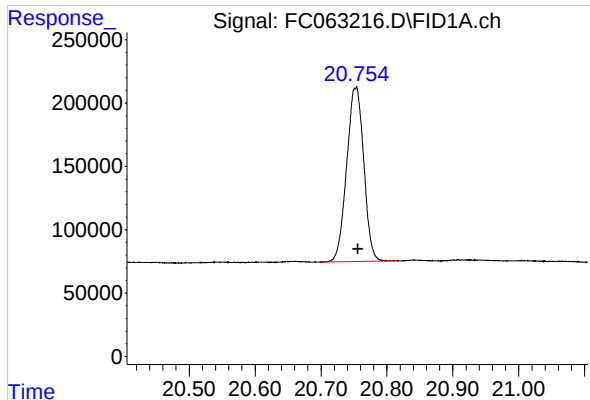
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.002 min
Response: 2664152
Conc: 23.18 ug/ml



#20 n-Hexatriacontane (C36)

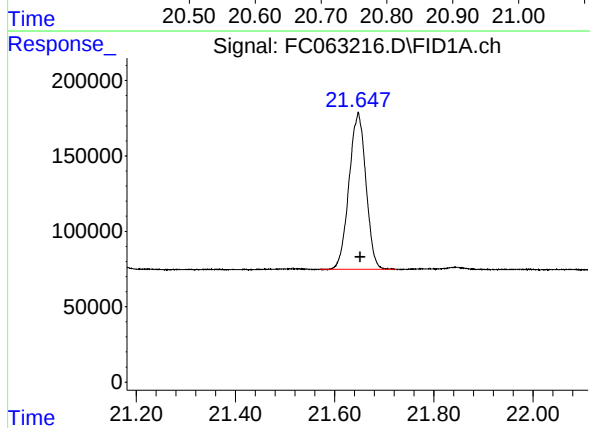
R.T.: 20.025 min
Delta R.T.: -0.004 min
Response: 2491799
Conc: 22.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.753 min
Delta R.T.: -0.003 min
Response: 2474134
Conc: 22.90 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.648 min
Delta R.T.: -0.004 min
Response: 2453249
Conc: 23.17 ug/ml