

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041423AL\
 Data File : FC063378.D
 Signal(s) : FID1A.ch
 Acq On : 14 Apr 2023 12:04
 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: Apr 15 02:42:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.533	2995442	19.688 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	12.970	2253437	20.366 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.295	2714816	19.337 ug/ml
2) T n-Decane (C10)	4.363	2690166	19.741 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2958126	19.590 ug/ml
4) T n-Dodecane (C12)	6.384	2681059	19.930 ug/ml
5) T A~2-methylnaphthalene...	7.006	2739024	19.665 ug/ml
6) T n-Tetradecane (C14)	8.179	2651683	19.588 ug/ml
7) T n-Hexadecane (C16)	9.779	2696317	19.856 ug/ml
8) T n-Octadecane (C18)	11.220	2735098	19.746 ug/ml
10) T n-Eicosane (C20)	12.528	2662685	19.819 ug/ml
11) T n-Heneicosane (C21)	13.138	2686019	19.957 ug/ml
13) T n-Docosane (C22)	13.723	2637584	19.779 ug/ml
14) T n-Tetracosane (C24)	14.824	2646042	19.680 ug/ml
15) T n-Hexacosane (C26)	15.844	2636202	19.695 ug/ml
16) T n-Octacosane (C28)	16.791	2698235	19.928 ug/ml
17) T n-Tricontane (C30)	17.676	2868492	20.736 ug/ml
18) T n-Dotriacontane (C32)	18.507	2997932	21.235 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2928716	21.222 ug/ml
20) T n-Hexatriacontane (C36)	20.028	2769333	21.666 ug/ml
21) T n-Octatriacontane (C38)	20.757	2705211	21.970 ug/ml
22) T n-Tetracontane (C40)	21.653	2742420	23.304 ug/ml

(f)=RT Delta > 1/2 Window

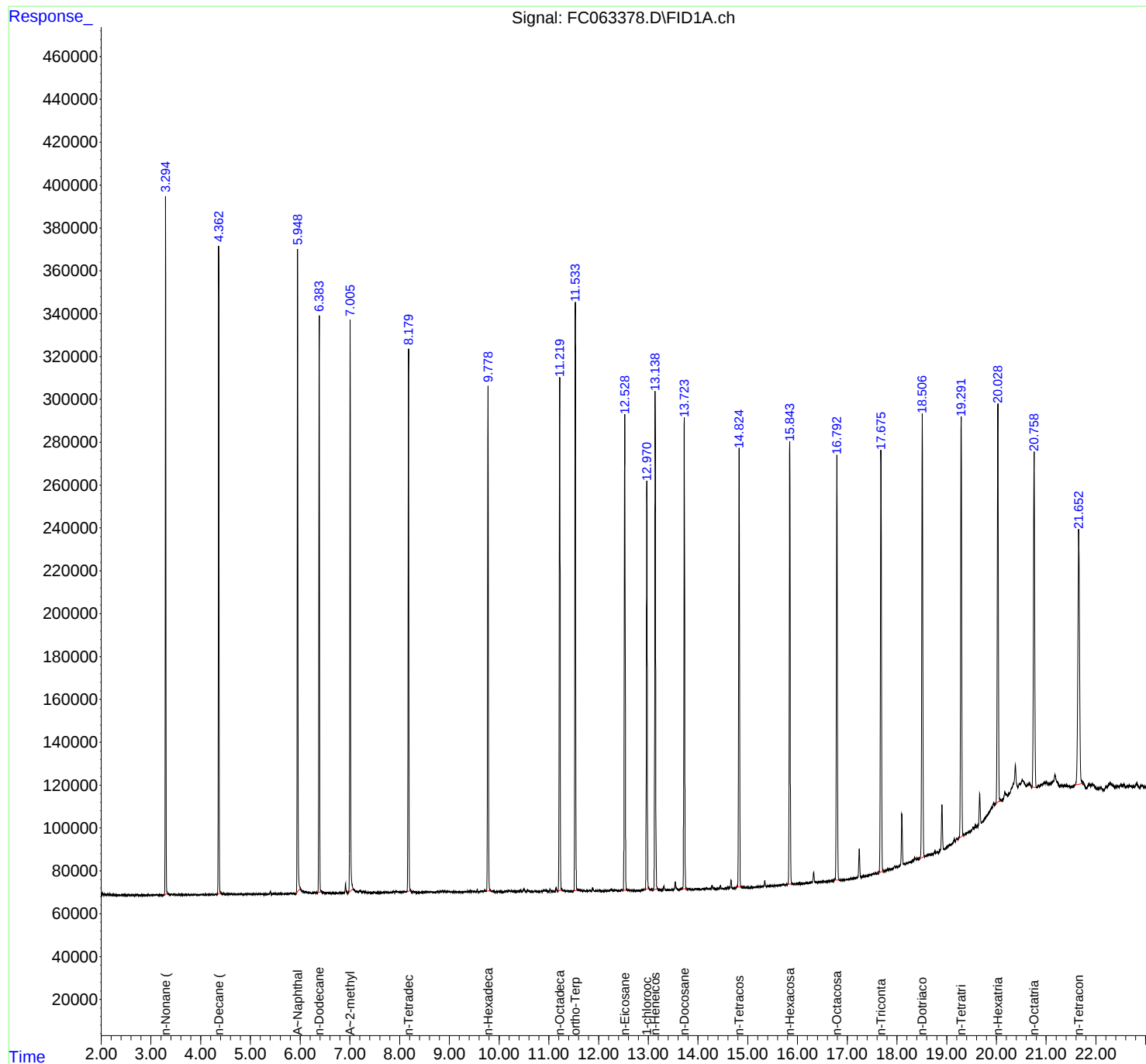
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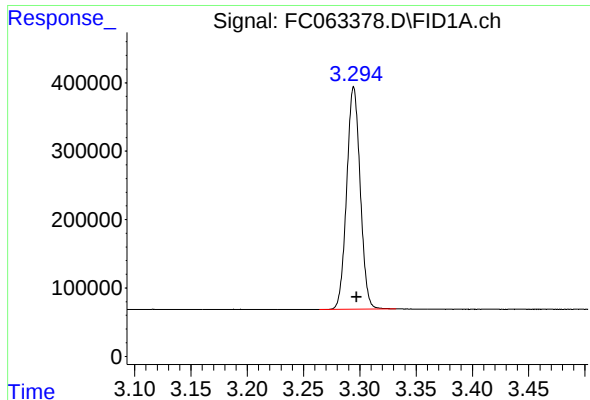
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041423AL\
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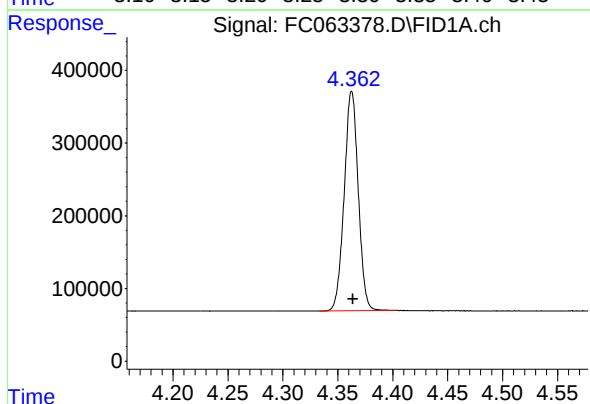




#1 n-Nonane (C9)

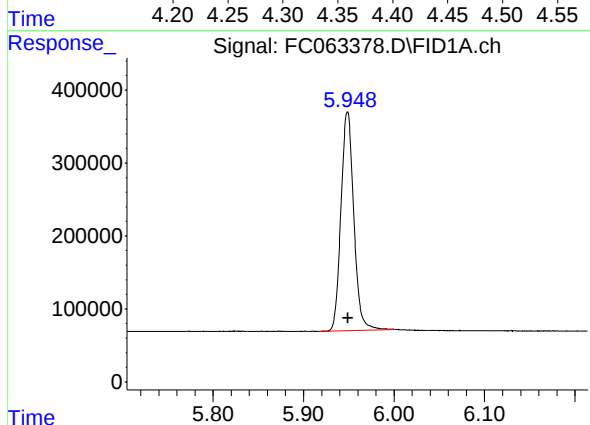
R.T.: 3.295 min
Delta R.T.: -0.002 min
Response: 2714816
Conc: 19.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



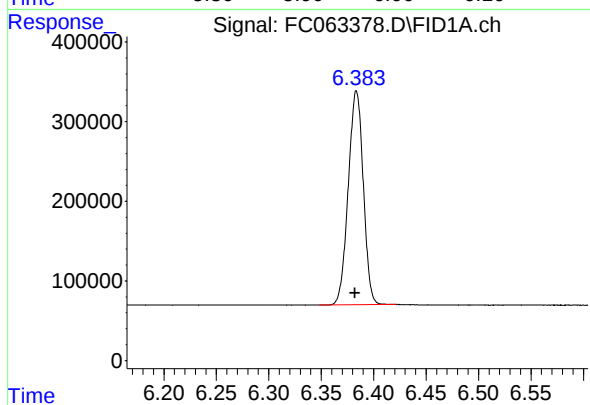
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 2690166
Conc: 19.74 ug/ml



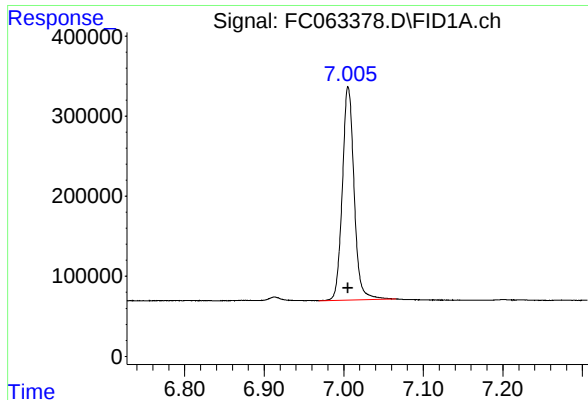
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2958126
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

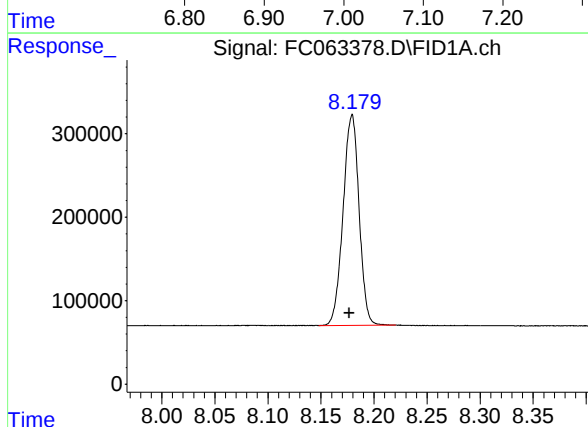
R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 2681059
Conc: 19.93 ug/ml



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

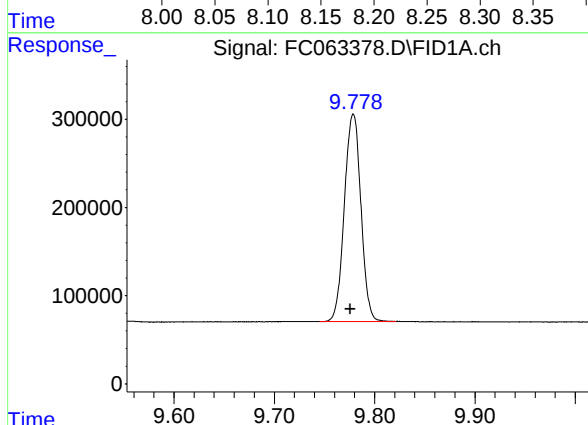
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2739024
Conc: 19.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



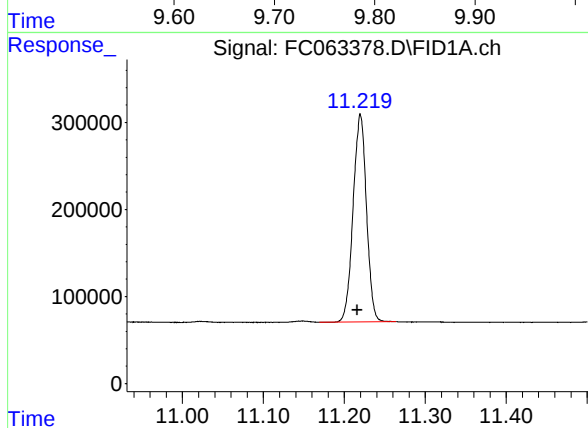
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 2651683
Conc: 19.59 ug/ml



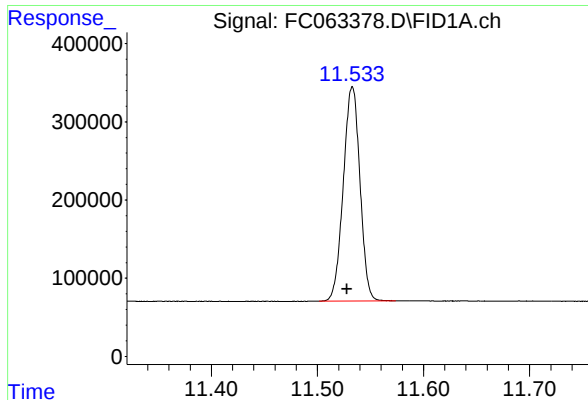
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.003 min
Response: 2696317
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

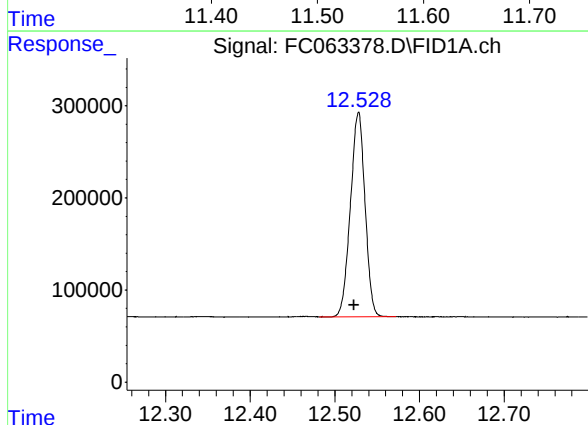
R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 2735098
Conc: 19.75 ug/ml



#9 ortho-Terphenyl (SURR)

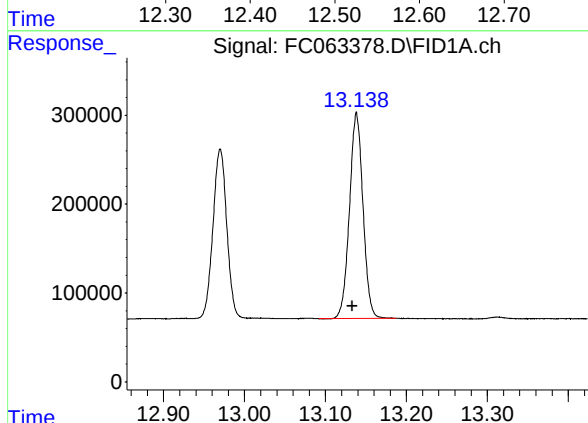
R.T.: 11.533 min
Delta R.T.: 0.005 min
Response: 2995442
Conc: 19.69 ug/ml

Instrument :
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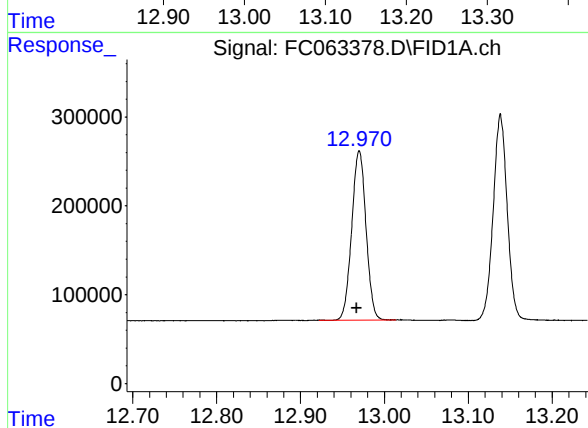
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 2662685
Conc: 19.82 ug/ml



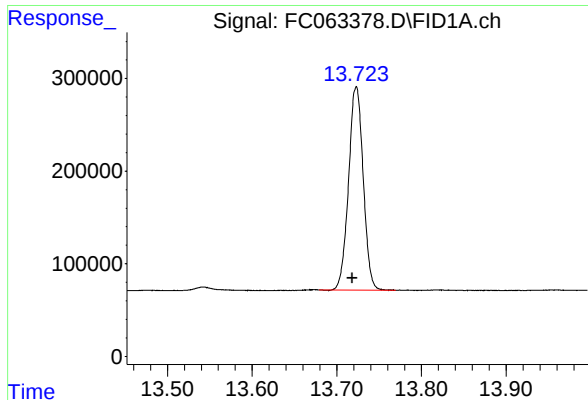
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.005 min
Response: 2686019
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

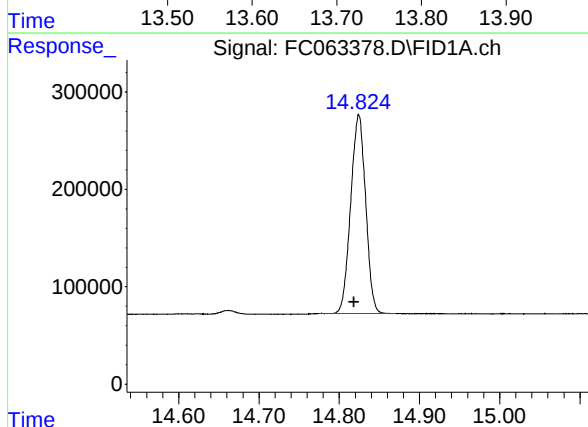
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2253437
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

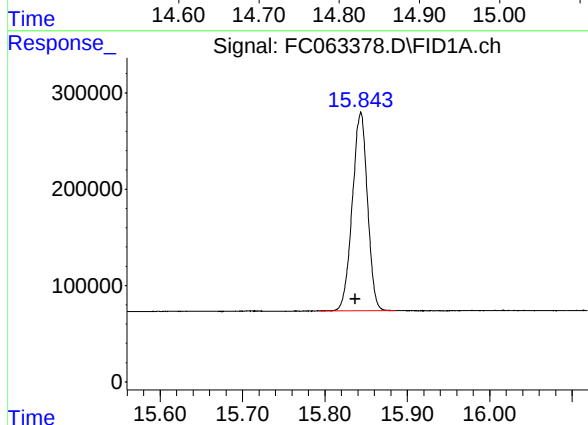
R.T.: 13.723 min
Delta R.T.: 0.005 min
Response: 2637584
Conc: 19.78 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



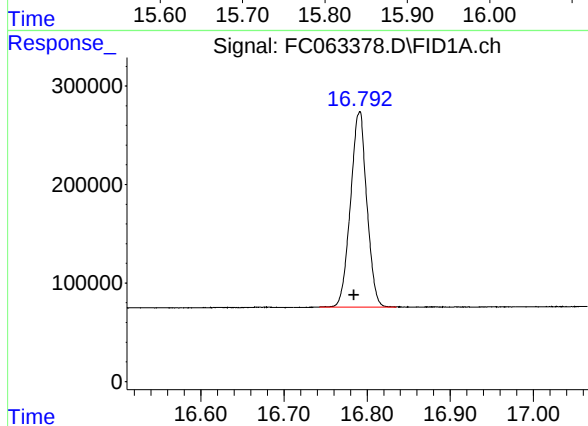
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.006 min
Response: 2646042
Conc: 19.68 ug/ml



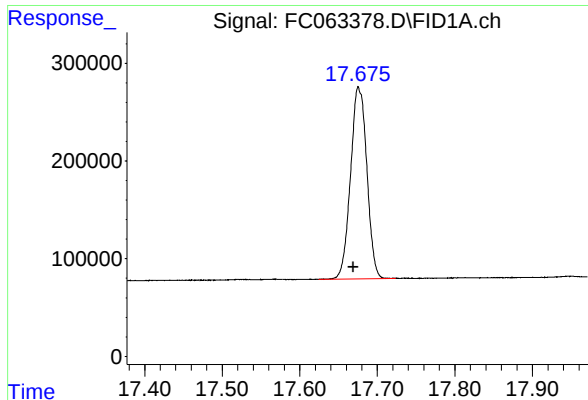
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.007 min
Response: 2636202
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

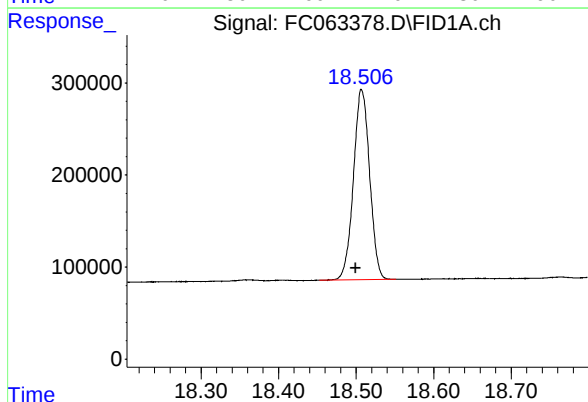
R.T.: 16.791 min
Delta R.T.: 0.007 min
Response: 2698235
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

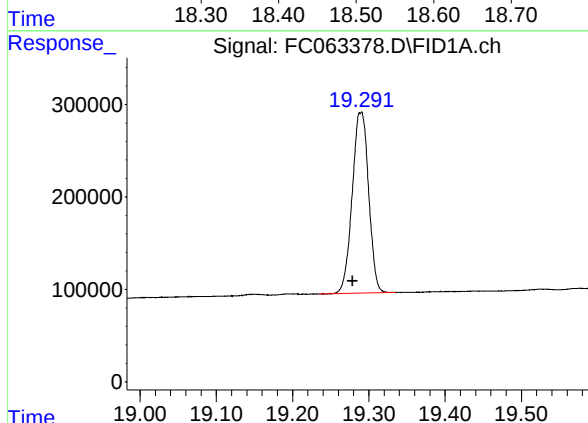
R.T.: 17.676 min
Delta R.T.: 0.006 min
Response: 2868492
Conc: 20.74 ug/ml

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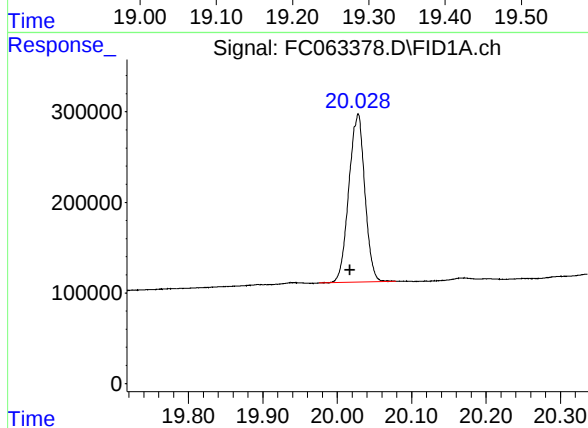
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.008 min
Response: 2997932
Conc: 21.24 ug/ml



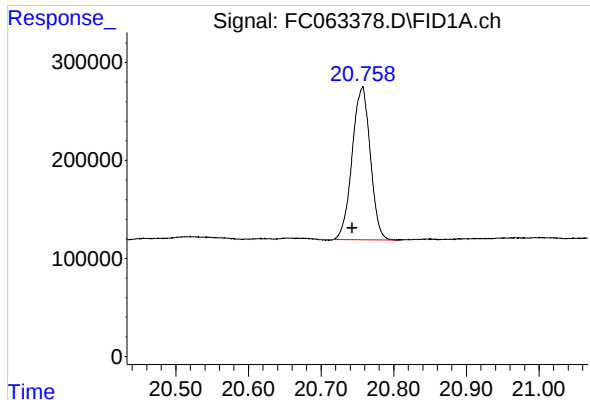
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.011 min
Response: 2928716
Conc: 21.22 ug/ml



#20 n-Hexatriacontane (C36)

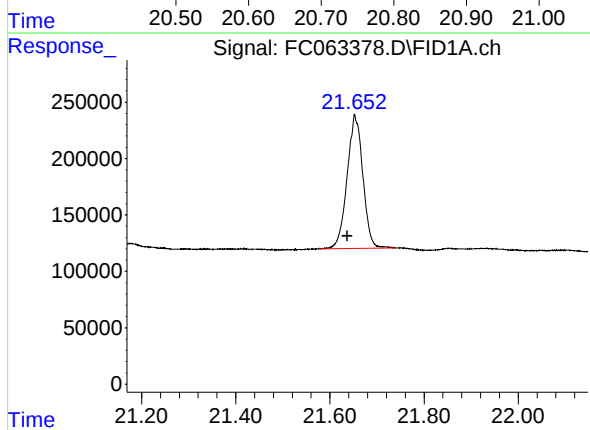
R.T.: 20.028 min
Delta R.T.: 0.011 min
Response: 2769333
Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.757 min
Delta R.T.: 0.014 min
Response: 2705211
Conc: 21.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: 0.016 min
Response: 2742420
Conc: 23.30 ug/ml