

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014450.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2024 11:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 16 02:04:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 2024
 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)	11.797	2894714	21.077 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	13.245	2293014	23.141 ug/ml
Spiked Amount 50.000		Recovery =	46.28%
Target Compounds			
1) T n-Nonane (C9)	3.180	2405433	19.288 ug/ml
2) T n-Decane (C10)	4.429	2437784	19.235 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2528456	20.492 ug/ml
4) T n-Dodecane (C12)	6.601	2453034	19.613 ug/ml
5) T A~2-methylnaphthalene...	7.227	2222319	19.855 ug/ml
6) T n-Tetradecane (C14)	8.433	2440367	20.498 ug/ml
7) T n-Hexadecane (C16)	10.044	2568102	20.398 ug/ml
8) T n-Octadecane (C18)	11.489	2690843	20.824 ug/ml
10) T n-Eicosane (C20)	12.802	2643917	21.330 ug/ml
11) T n-Heneicosane (C21)	13.415	2630585	21.656 ug/ml
13) T n-Docosane (C22)	14.002	2624281	21.797 ug/ml
14) T n-Tetracosane (C24)	15.108	2637248	21.899 ug/ml
15) T n-Hexacosane (C26)	16.132	2581244	21.895 ug/ml
16) T n-Octacosane (C28)	17.084	2489784	21.412 ug/ml
17) T n-Tricontane (C30)	17.974	2460526	20.595 ug/ml
18) T n-Dotriacontane (C32)	18.809	2310115	20.012 ug/ml
19) T n-Tetratriacontane (C34)	19.594	1997438	19.987 ug/ml
20) T n-Hexatriacontane (C36)	20.336	1695447	19.514 ug/ml
21) T n-Octatriacontane (C38)	21.063	1609976	21.189 ug/ml
22) T n-Tetracontane (C40)	21.950	1597011	24.123 ug/ml

(f)=RT Delta > 1/2 Window

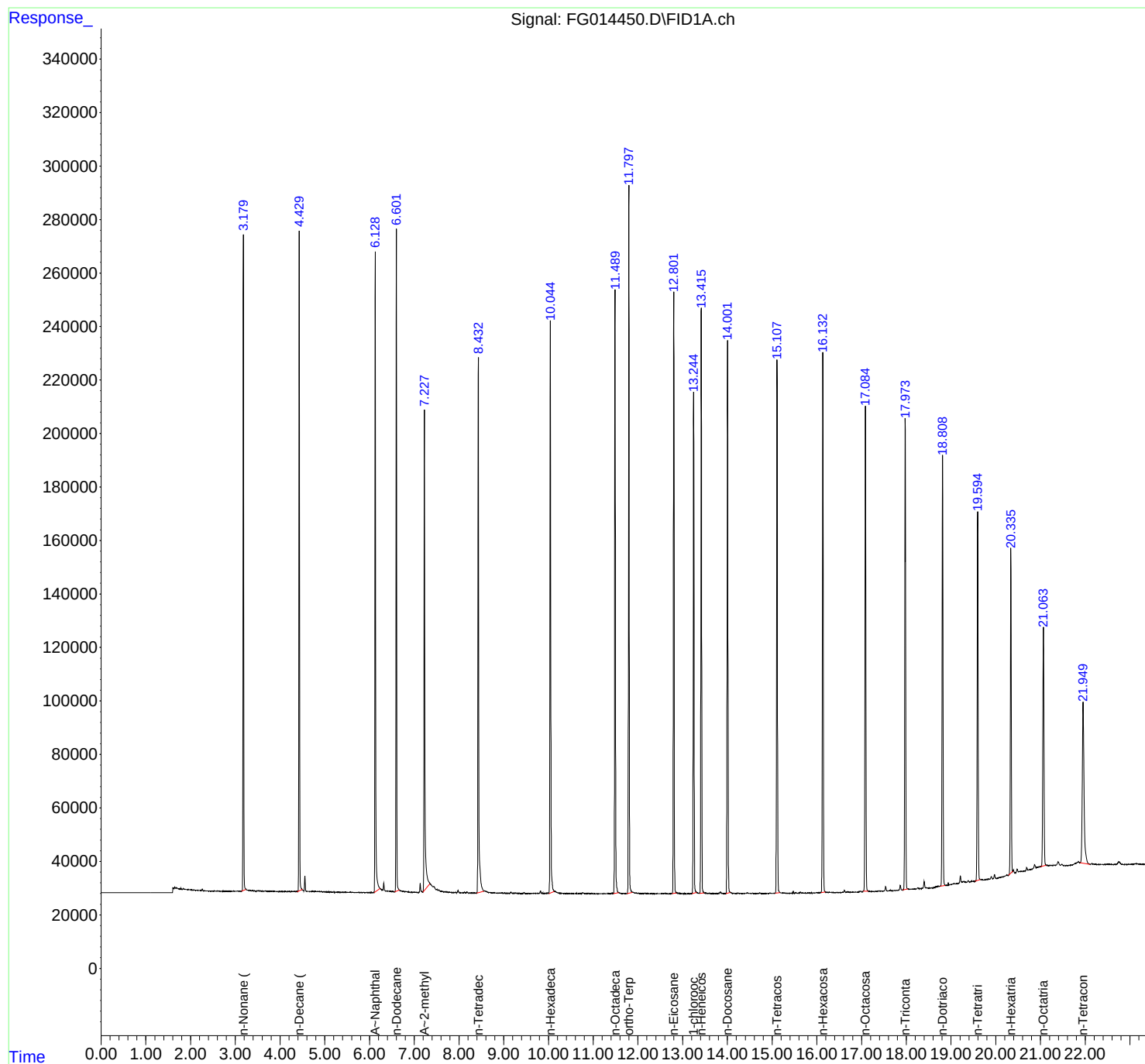
(m)=manual int.

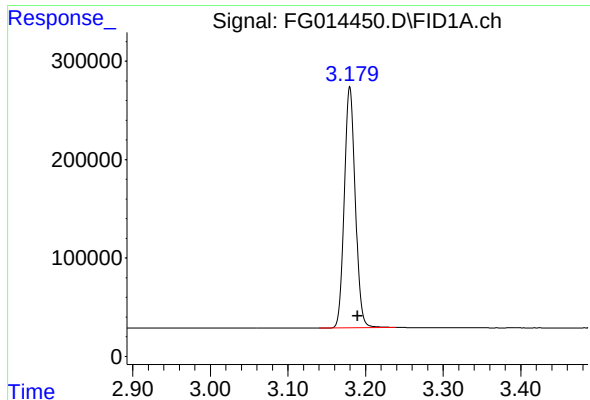
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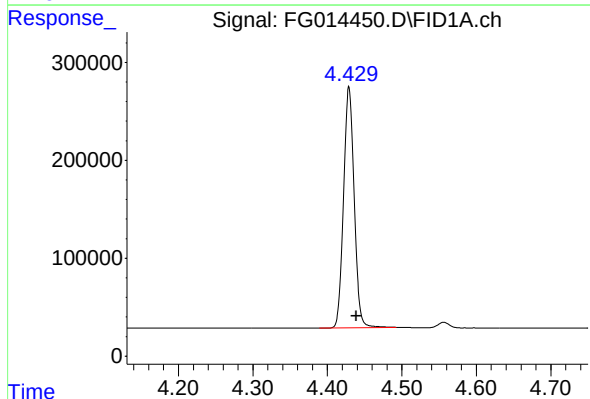




#1 n-Nonane (C9)

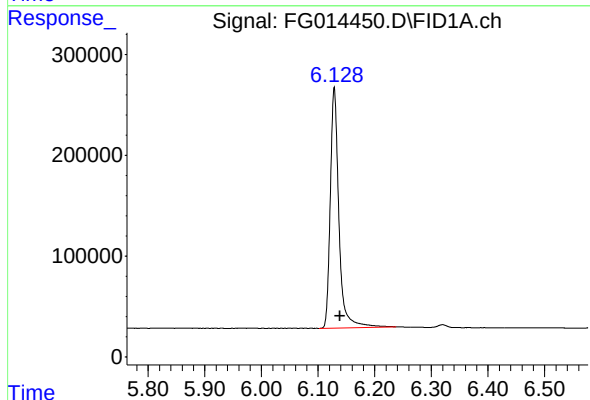
R.T.: 3.180 min
Delta R.T.: -0.010 min
Response: 2405433
Conc: 19.29 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



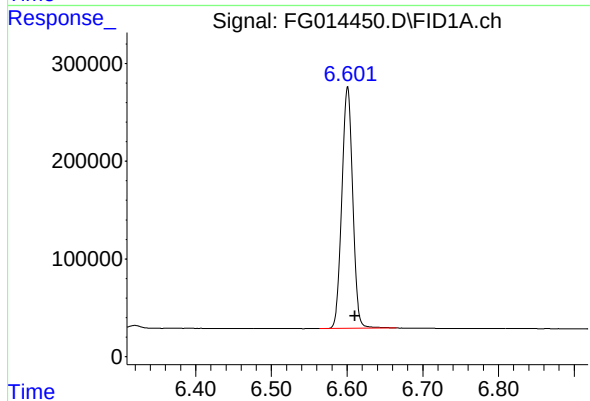
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: -0.010 min
Response: 2437784
Conc: 19.23 ug/ml



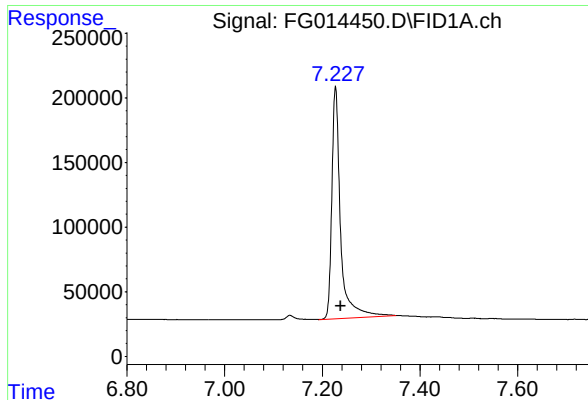
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.010 min
Response: 2528456
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

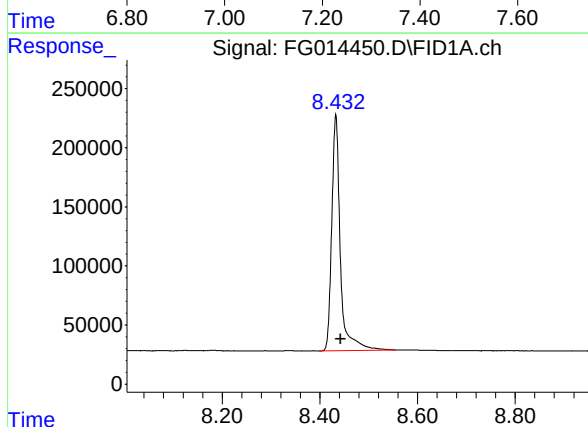
R.T.: 6.601 min
Delta R.T.: -0.009 min
Response: 2453034
Conc: 19.61 ug/ml



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

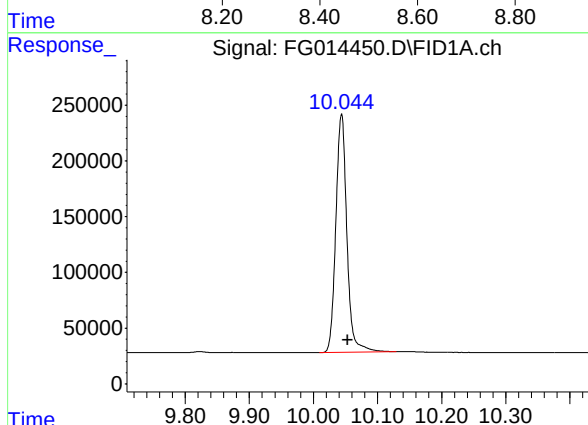
R.T.: 7.227 min
Delta R.T.: -0.010 min
Response: 2222319
Conc: 19.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



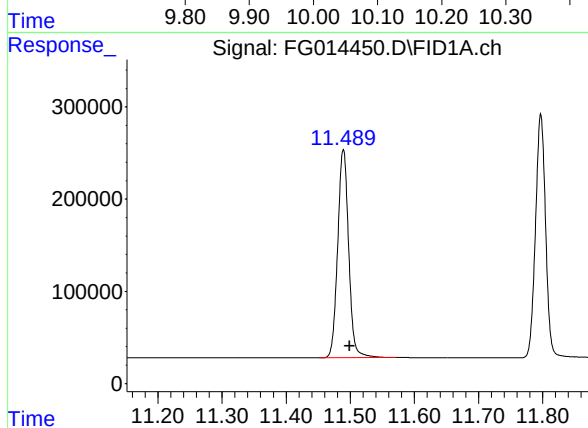
#6 n-Tetradecane (C14)

R.T.: 8.433 min
Delta R.T.: -0.009 min
Response: 2440367
Conc: 20.50 ug/ml



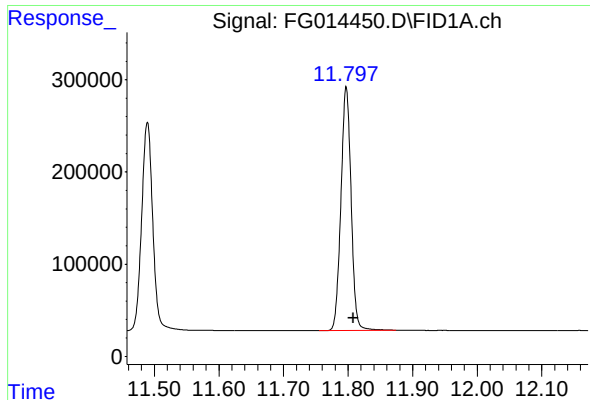
#7 n-Hexadecane (C16)

R.T.: 10.044 min
Delta R.T.: -0.009 min
Response: 2568102
Conc: 20.40 ug/ml



#8 n-Octadecane (C18)

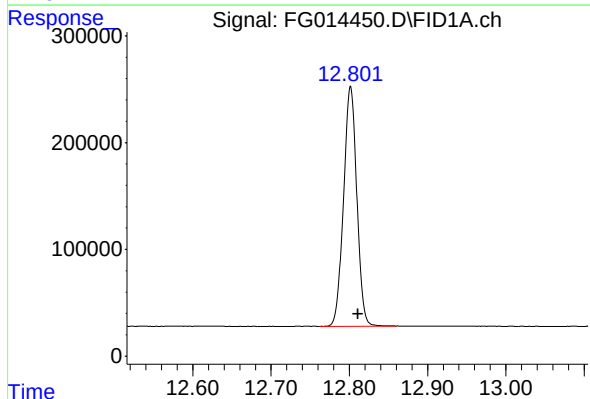
R.T.: 11.489 min
Delta R.T.: -0.010 min
Response: 2690843
Conc: 20.82 ug/ml



#9 ortho-Terphenyl (SURR)

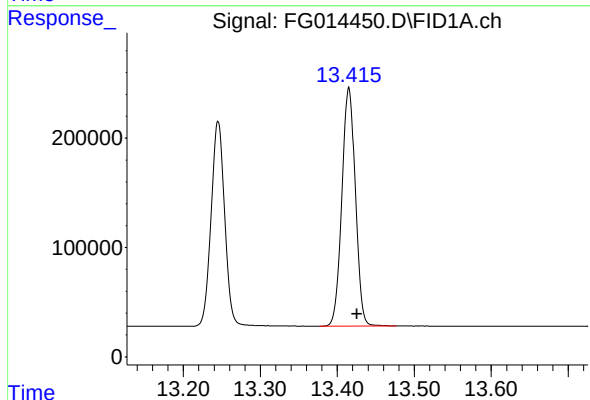
R.T.: 11.797 min
Delta R.T.: -0.011 min
Response: 2894714
Conc: 21.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



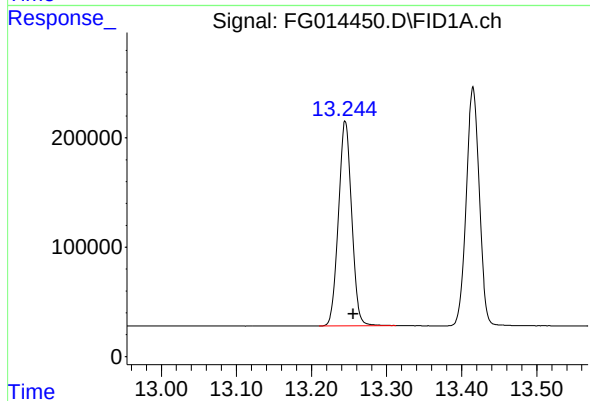
#10 n-Eicosane (C20)

R.T.: 12.802 min
Delta R.T.: -0.009 min
Response: 2643917
Conc: 21.33 ug/ml



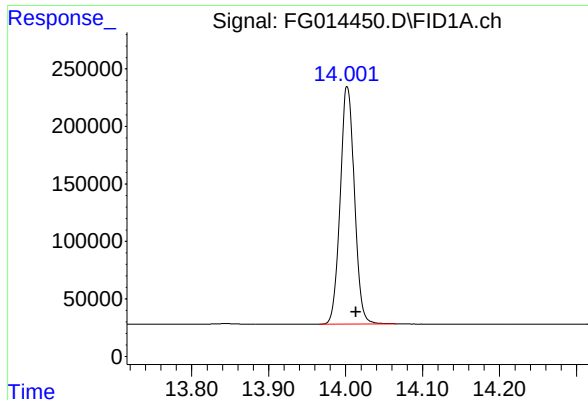
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.010 min
Response: 2630585
Conc: 21.66 ug/ml



#12 1-chlorooctadecane (SURR)

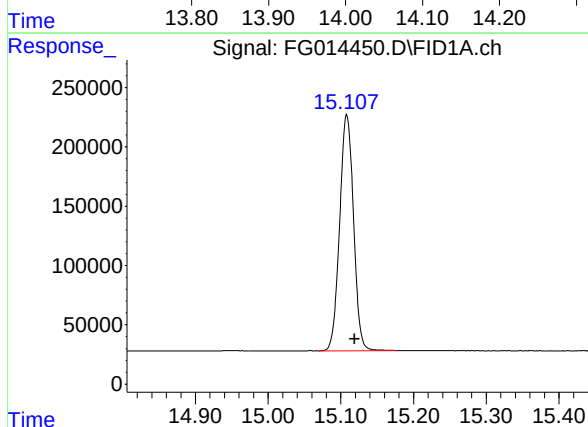
R.T.: 13.245 min
Delta R.T.: -0.011 min
Response: 2293014
Conc: 23.14 ug/ml



#13 n-Docosane (C22)

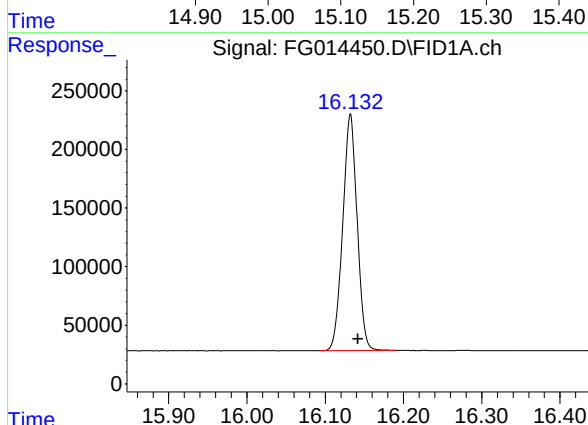
R.T.: 14.002 min
Delta R.T.: -0.011 min
Response: 2624281
Conc: 21.80 ug/ml

Instrument :
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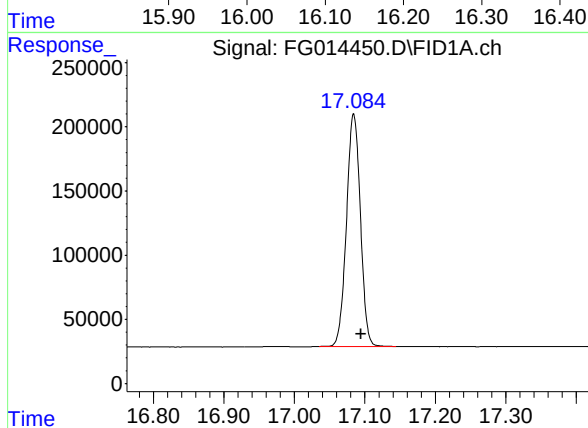
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.011 min
Response: 2637248
Conc: 21.90 ug/ml



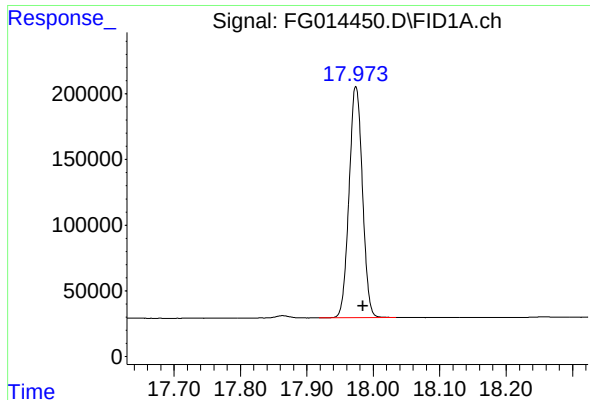
#15 n-Hexacosane (C26)

R.T.: 16.132 min
Delta R.T.: -0.010 min
Response: 2581244
Conc: 21.90 ug/ml



#16 n-Octacosane (C28)

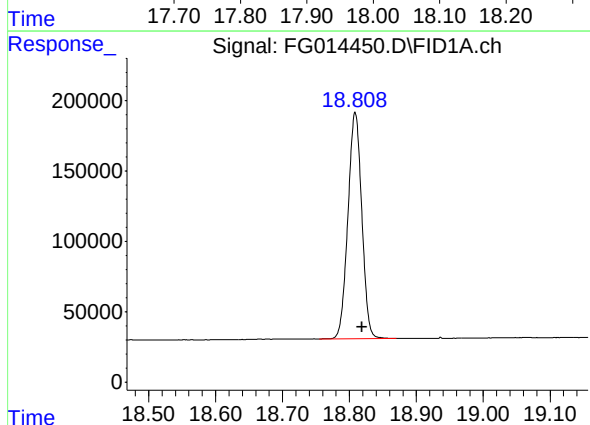
R.T.: 17.084 min
Delta R.T.: -0.010 min
Response: 2489784
Conc: 21.41 ug/ml



#17 n-Tricontane (C30)

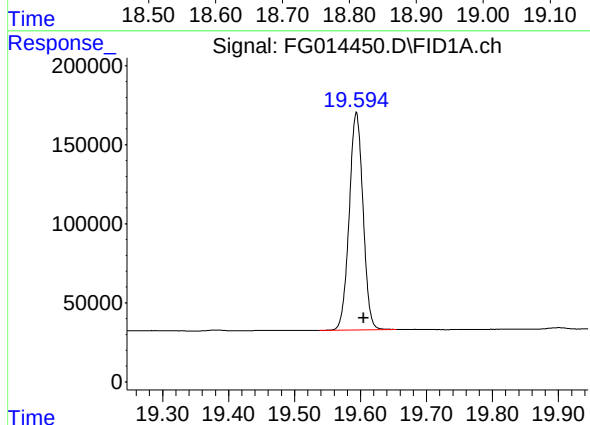
R.T.: 17.974 min
Delta R.T.: -0.011 min
Response: 2460526
Conc: 20.60 ug/ml

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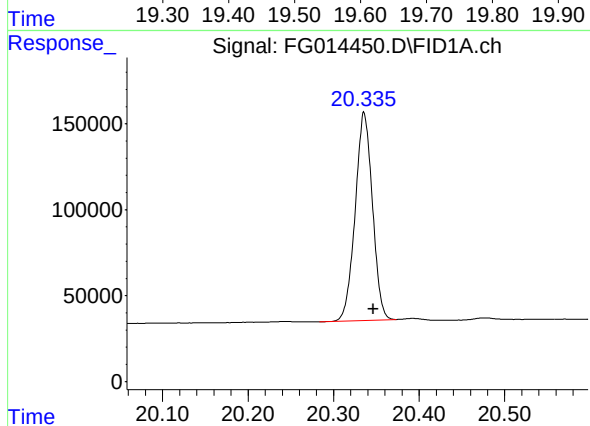
#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.010 min
Response: 2310115
Conc: 20.01 ug/ml



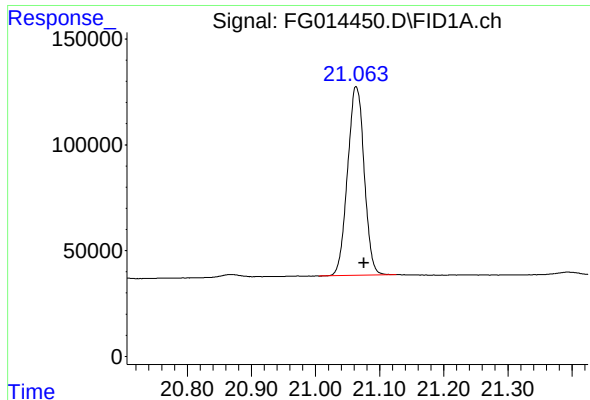
#19 n-Tetatriacontane (C34)

R.T.: 19.594 min
Delta R.T.: -0.011 min
Response: 1997438
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

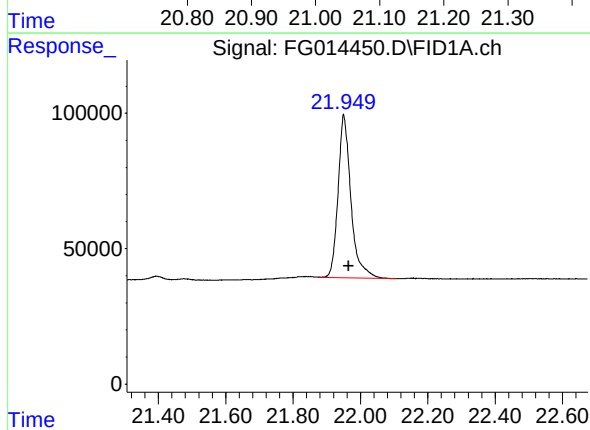
R.T.: 20.336 min
Delta R.T.: -0.011 min
Response: 1695447
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.063 min
Delta R.T.: -0.012 min
Response: 1609976
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.015 min
Response: 1597011
Conc: 24.12 ug/ml