

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014478.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 04:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 22 06:51:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.984	3115961	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.422	2547816	20.749 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T n-Nonane (C9)	3.347	2585940	19.982 ug/ml
2) T n-Decane (C10)	4.600	2634039	19.990 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2865955	19.979 ug/ml
4) T n-Dodecane (C12)	6.772	2661765	20.037 ug/ml
5) T A~2-methylnaphthalene...	7.405	2792490	20.017 ug/ml
6) T n-Tetradecane (C14)	8.604	2673209	20.148 ug/ml
7) T n-Hexadecane (C16)	10.217	2823398	20.318 ug/ml
8) T n-Octadecane (C18)	11.664	2938178	20.524 ug/ml
10) T n-Eicosane (C20)	12.977	2914915	20.728 ug/ml
11) T n-Heneicosane (C21)	13.591	2910889	20.797 ug/ml
13) T n-Docosane (C22)	14.178	2932063	20.843 ug/ml
14) T n-Tetracosane (C24)	15.283	2976774	20.920 ug/ml
15) T n-Hexacosane (C26)	16.305	2958675	20.961 ug/ml
16) T n-Octacosane (C28)	17.254	2901997	20.998 ug/ml
17) T n-Tricontane (C30)	18.143	2928953	21.132 ug/ml
18) T n-Dotriacontane (C32)	18.974	2780529	21.238 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2384242	21.301 ug/ml
20) T n-Hexatriacontane (C36)	20.495	1991063	21.392 ug/ml
21) T n-Octatriacontane (C38)	21.250	1789325	21.417 ug/ml
22) T n-Tetracontane (C40)	22.201	1636797	21.525 ug/ml

(f)=RT Delta > 1/2 Window

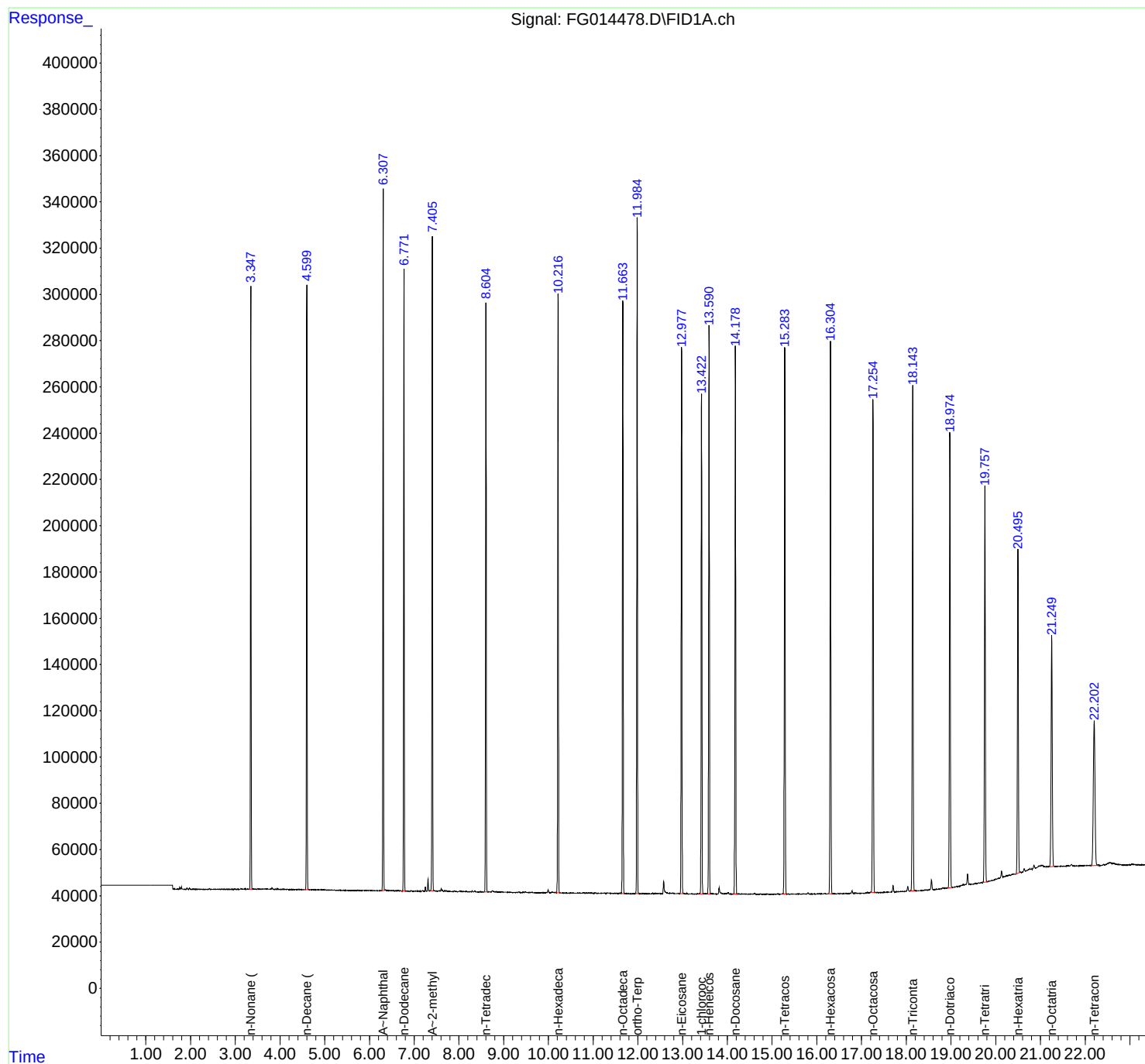
(m)=manual int.

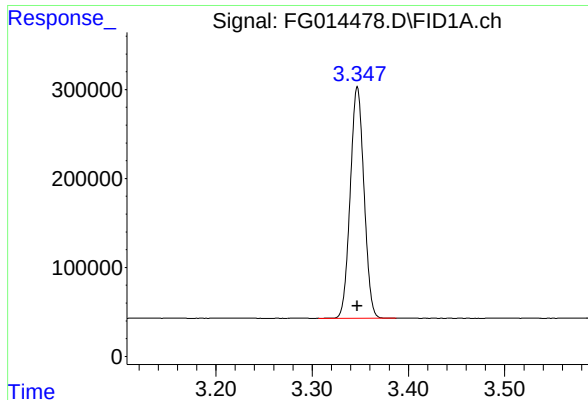
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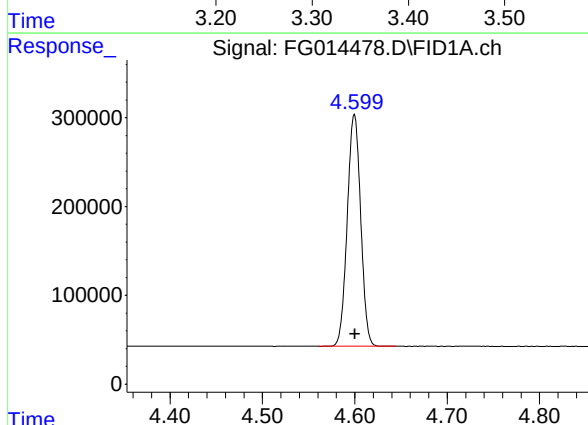




#1 n-Nonane (C9)

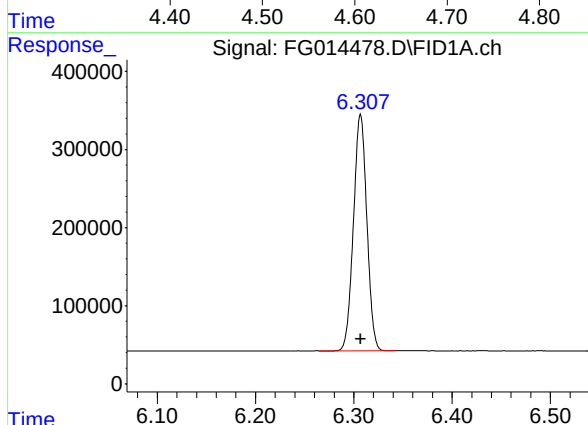
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 2585940
Conc: 19.98 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



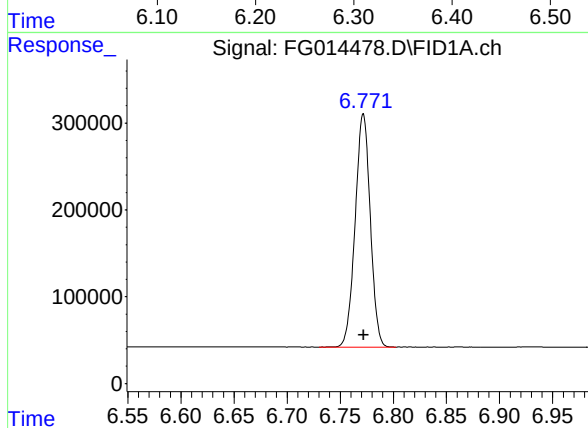
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2634039
Conc: 19.99 ug/ml



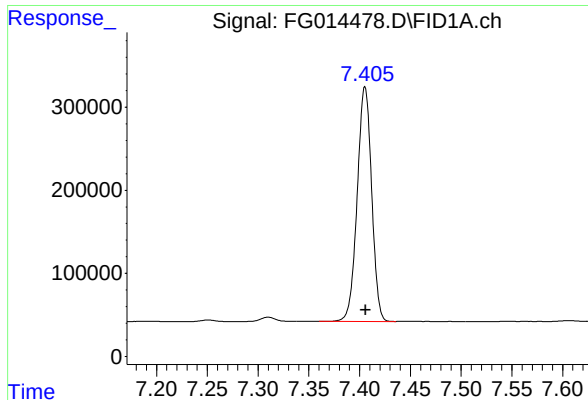
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2865955
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

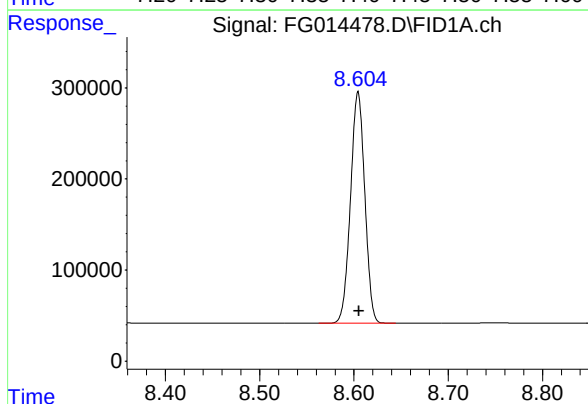
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2661765
Conc: 20.04 ug/ml



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

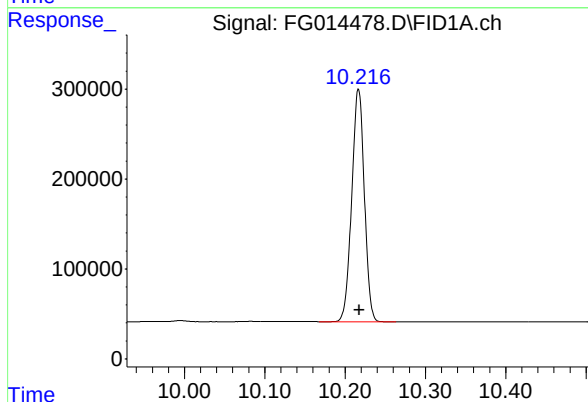
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 2792490
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD



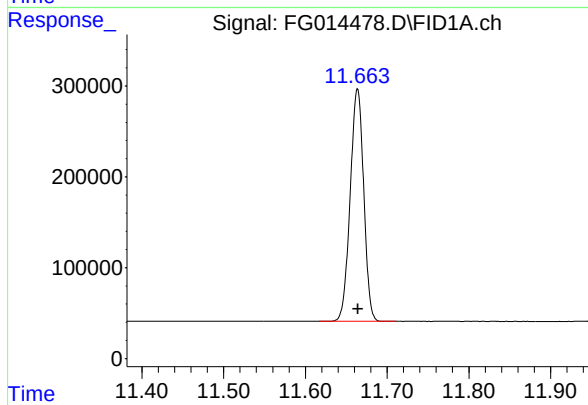
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 2673209
Conc: 20.15 ug/ml



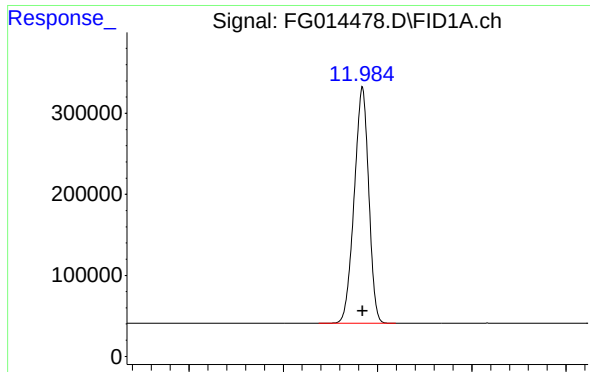
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: 0.000 min
Response: 2823398
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

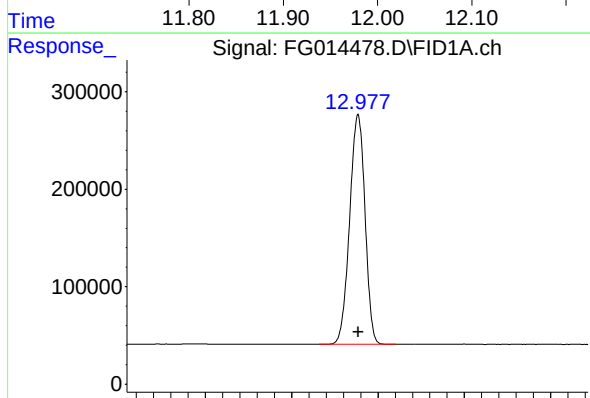
R.T.: 11.664 min
Delta R.T.: 0.000 min
Response: 2938178
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

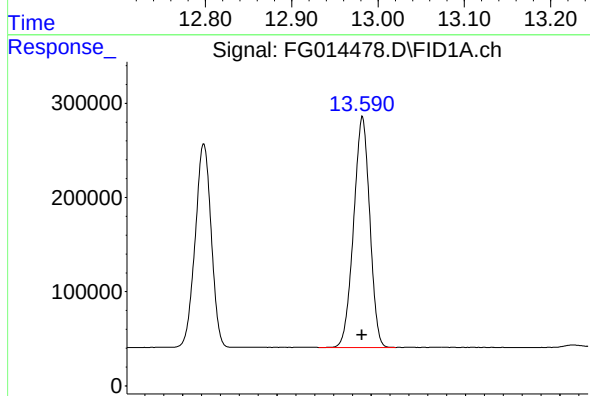
R.T.: 11.984 min
Delta R.T.: 0.000 min
Response: 3115961
Conc: 20.33 ug/ml

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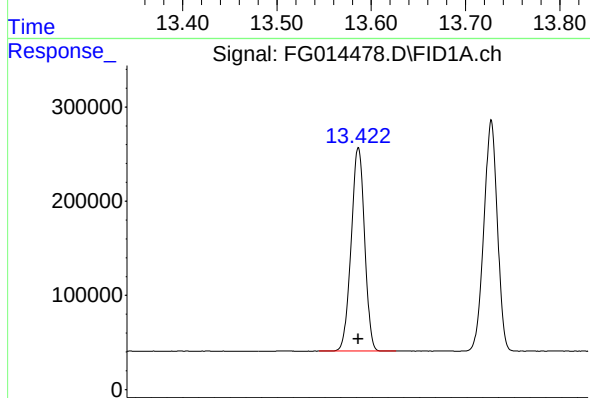
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 2914915
Conc: 20.73 ug/ml



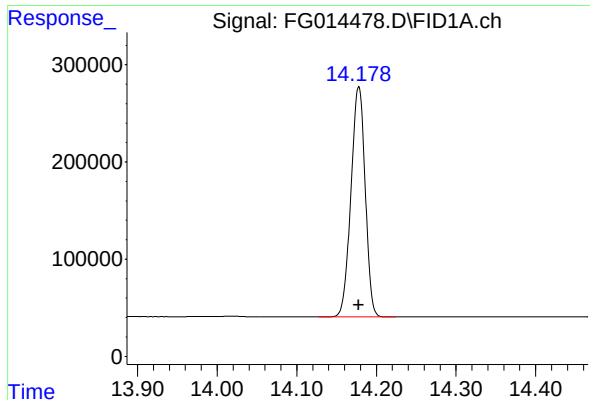
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.000 min
Response: 2910889
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

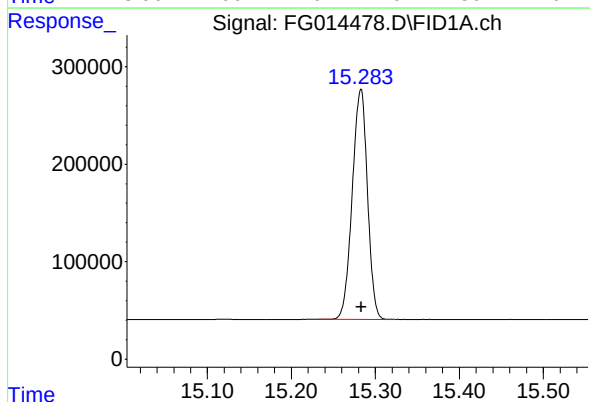
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2547816
Conc: 20.75 ug/ml



#13 n-Docosane (C22)

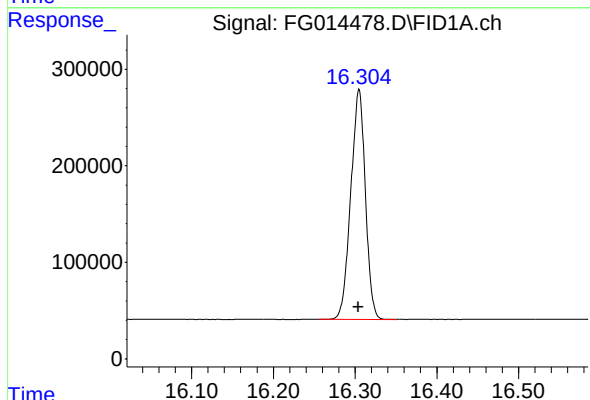
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 2932063
Conc: 20.84 ug/ml

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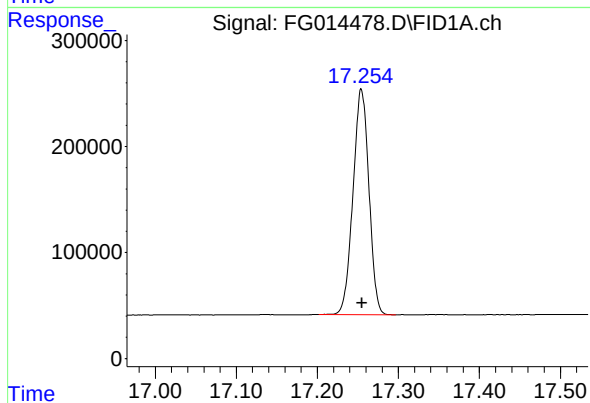
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2976774
Conc: 20.92 ug/ml



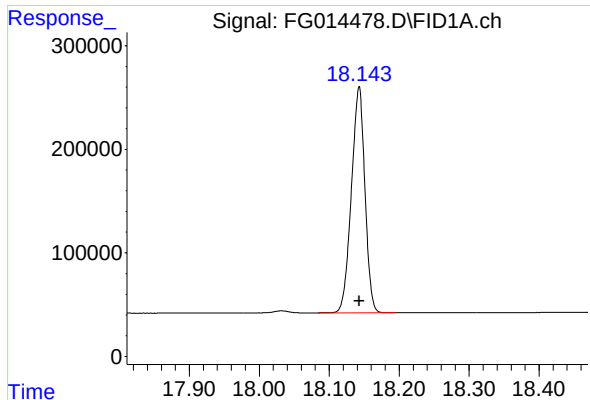
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 2958675
Conc: 20.96 ug/ml



#16 n-Octacosane (C28)

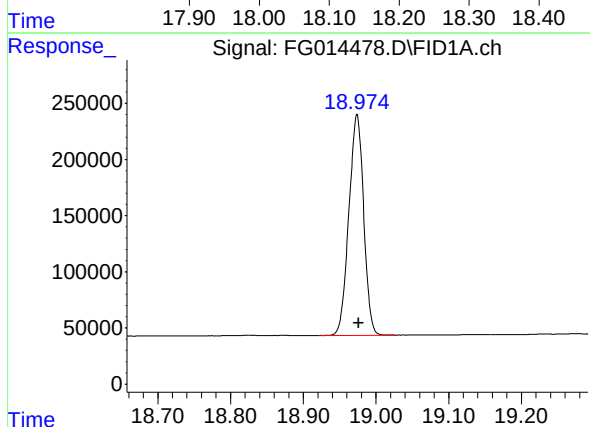
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 2901997
Conc: 21.00 ug/ml



#17 n-Tricontane (C30)

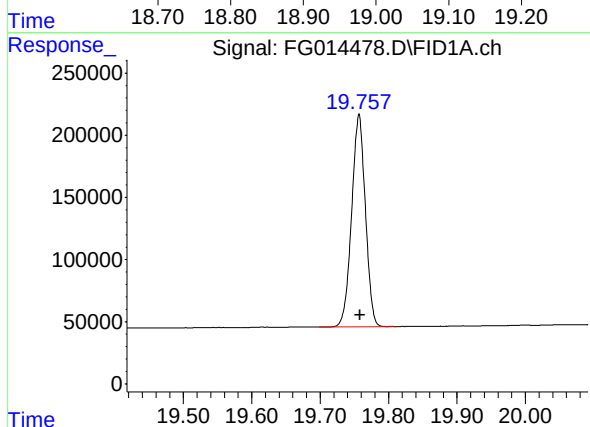
R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 2928953
Conc: 21.13 ug/ml

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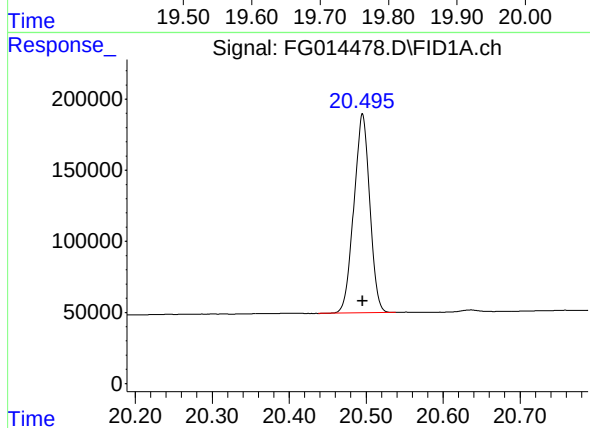
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.002 min
Response: 2780529
Conc: 21.24 ug/ml



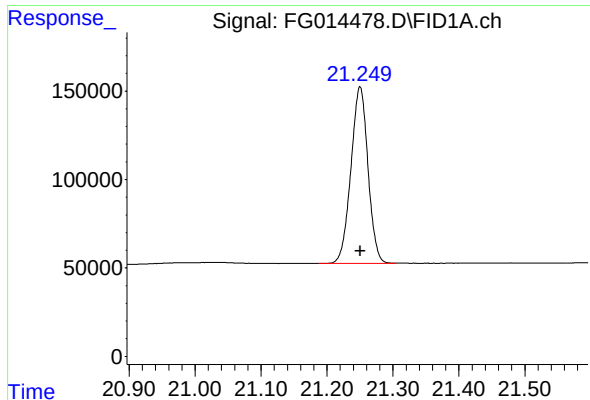
#19 n-Tetatriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.002 min
Response: 2384242
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

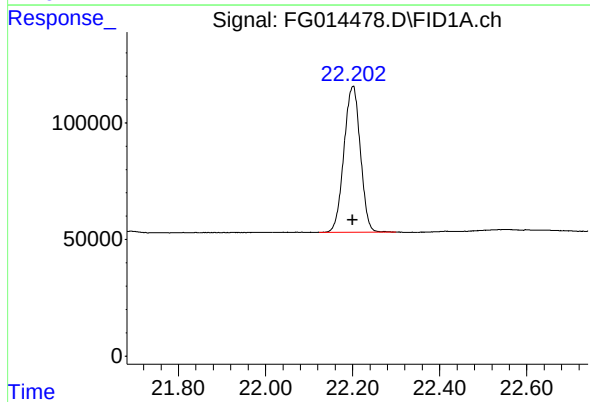
R.T.: 20.495 min
Delta R.T.: 0.000 min
Response: 1991063
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 1789325
Conc: 21.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.000 min
Response: 1636797
Conc: 21.52 ug/ml