

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110424AL\
 Data File : FG014654.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2024 20:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 05 00:39:09 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)	11.955	3259258	21.265 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
12) S 1-chlorooctadecane (S...	13.395	2492002	20.295 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T n-Nonane (C9)	3.327	2898007	22.393 ug/ml
2) T n-Decane (C10)	4.578	2965281	22.504 ug/ml
3) T A~Naphthalene (C11.7)	6.282	3181832	22.181 ug/ml
4) T n-Dodecane (C12)	6.748	3001111	22.591 ug/ml
5) T A~2-methylnaphthalene...	7.380	3076578	22.053 ug/ml
6) T n-Tetradecane (C14)	8.579	2984472	22.494 ug/ml
7) T n-Hexadecane (C16)	10.191	3076509	22.139 ug/ml
8) T n-Octadecane (C18)	11.637	3092656	21.603 ug/ml
10) T n-Eicosane (C20)	12.950	2953476	21.002 ug/ml
11) T n-Heneicosane (C21)	13.563	2888334	20.636 ug/ml
13) T n-Docosane (C22)	14.149	2864652	20.364 ug/ml
14) T n-Tetracosane (C24)	15.254	2792228	19.623 ug/ml
15) T n-Hexacosane (C26)	16.276	2691047	19.065 ug/ml
16) T n-Octacosane (C28)	17.226	2615656	18.926 ug/ml
17) T n-Tricontane (C30)	18.114	2667736	19.247 ug/ml
18) T n-Dotriacontane (C32)	18.947	2556314	19.525 ug/ml
19) T n-Tetratriacontane (C34)	19.730	2203333	19.685 ug/ml
20) T n-Hexatriacontane (C36)	20.471	1871157	20.104 ug/ml
21) T n-Octatriacontane (C38)	21.220	1726098	20.660 ug/ml
22) T n-Tetracontane (C40)	22.159	1653640	21.746 ug/ml

(f)=RT Delta > 1/2 Window

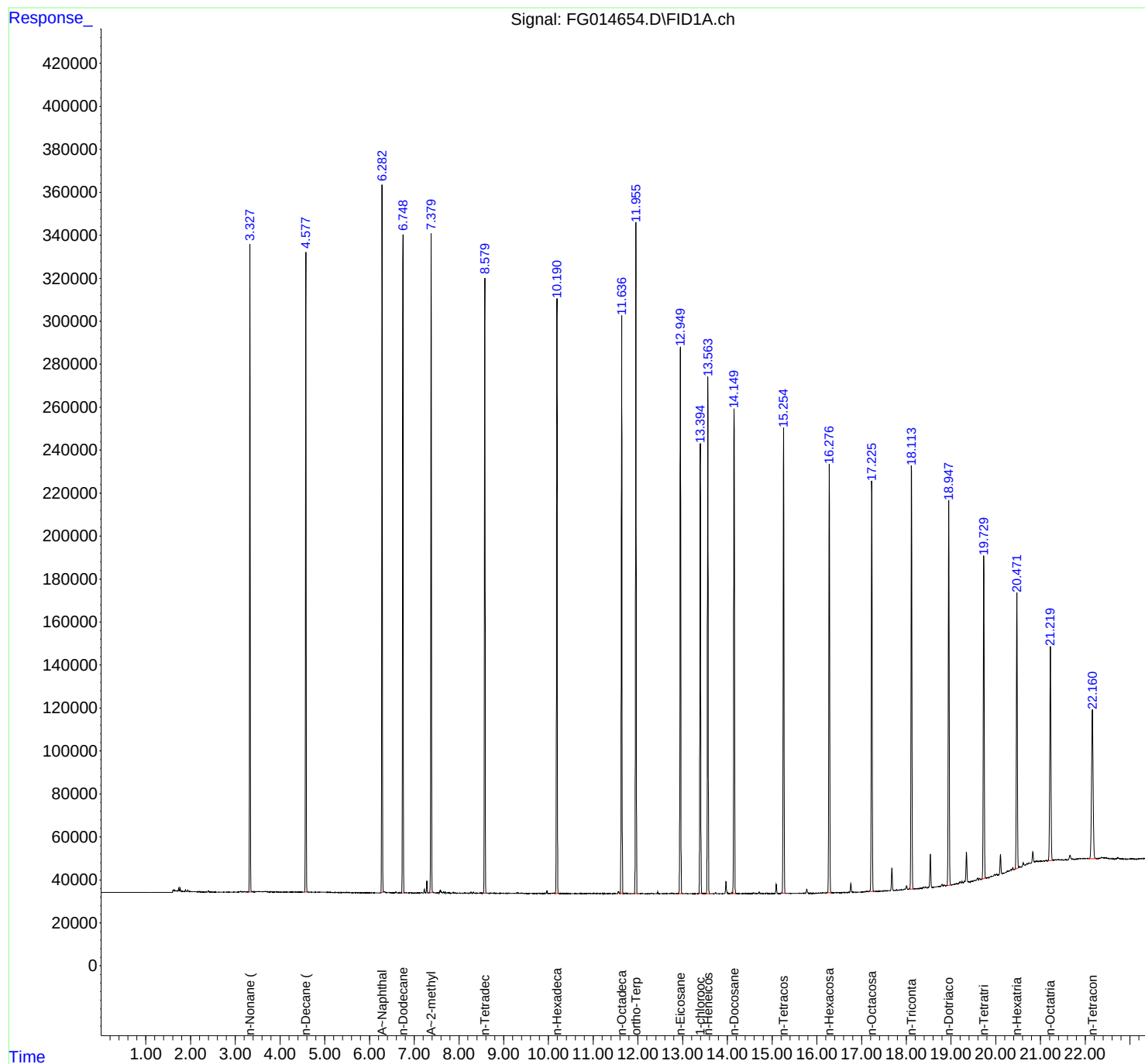
(m)=manual int.

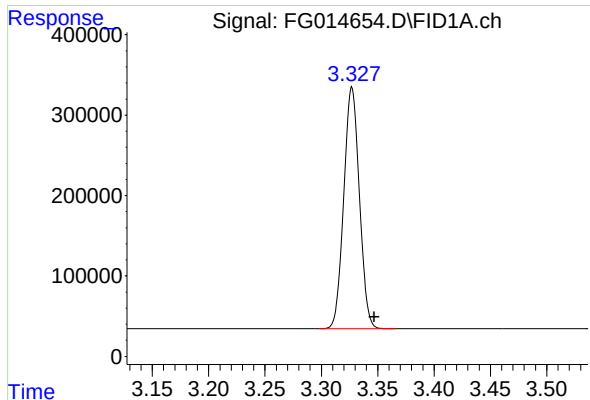
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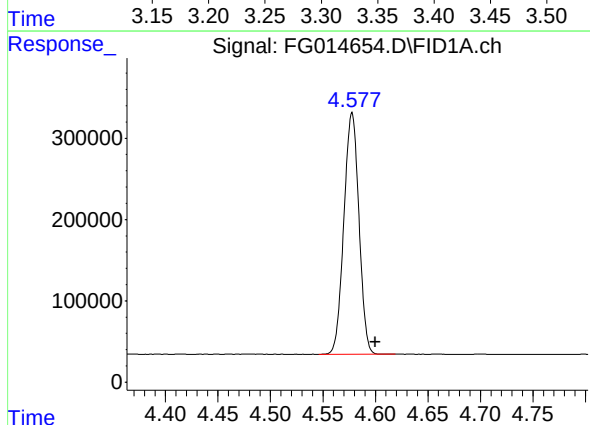




#1 n-Nonane (C9)

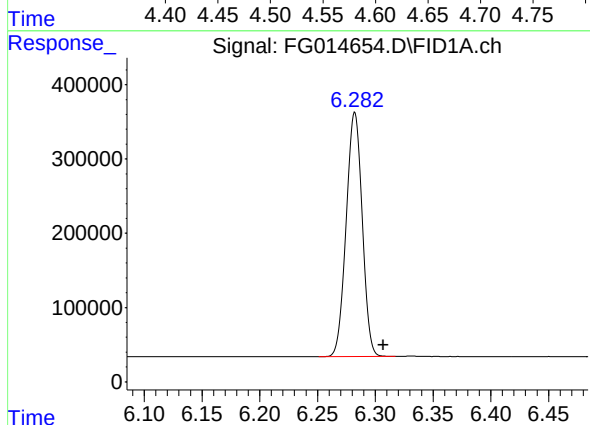
R.T.: 3.327 min
Delta R.T.: -0.020 min
Response: 2898007
Conc: 22.39 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



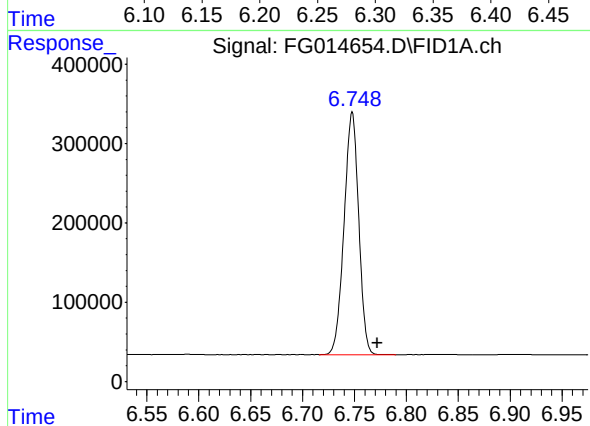
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.022 min
Response: 2965281
Conc: 22.50 ug/ml



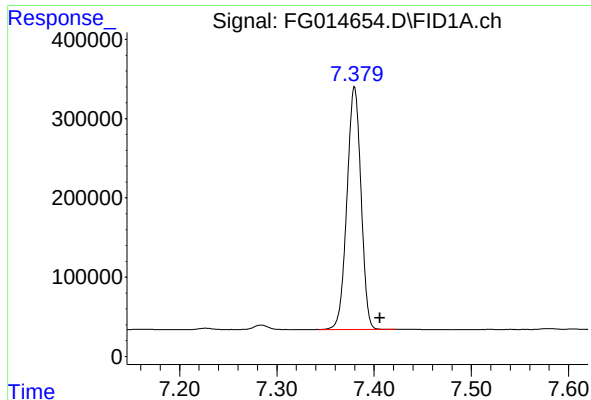
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.025 min
Response: 3181832
Conc: 22.18 ug/ml



#4 n-Dodecane (C12)

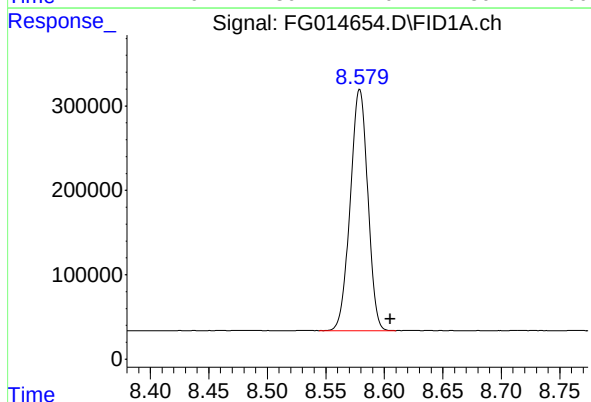
R.T.: 6.748 min
Delta R.T.: -0.024 min
Response: 3001111
Conc: 22.59 ug/ml



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

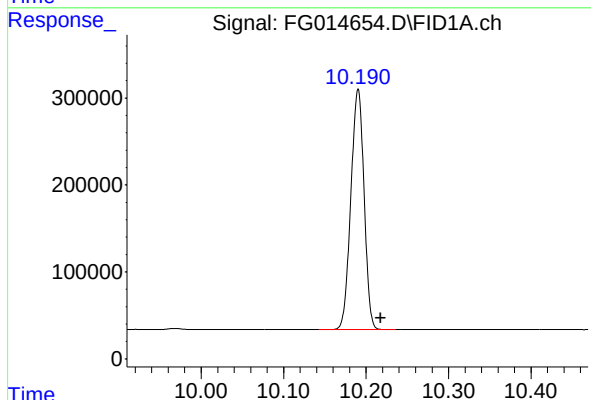
R.T.: 7.380 min
Delta R.T.: -0.026 min
Response: 3076578
Conc: 22.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



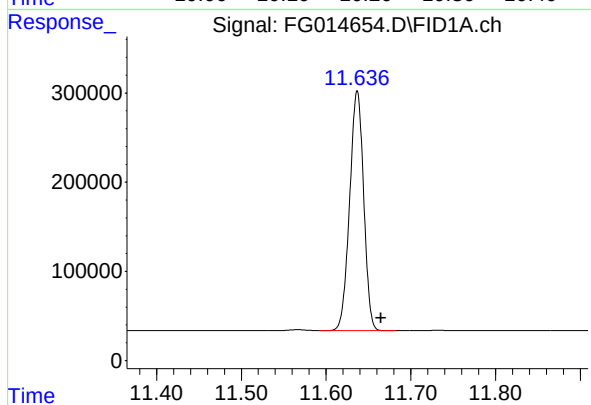
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.026 min
Response: 2984472
Conc: 22.49 ug/ml



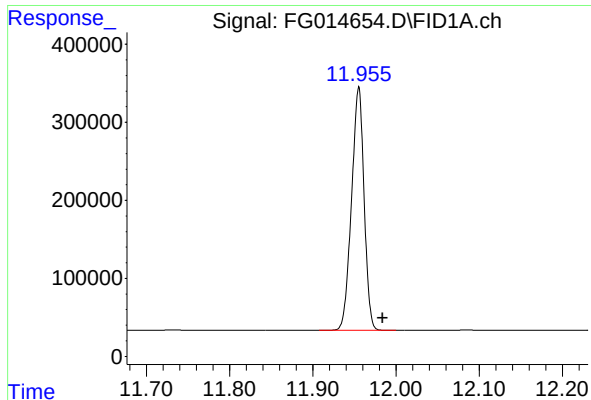
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.027 min
Response: 3076509
Conc: 22.14 ug/ml



#8 n-Octadecane (C18)

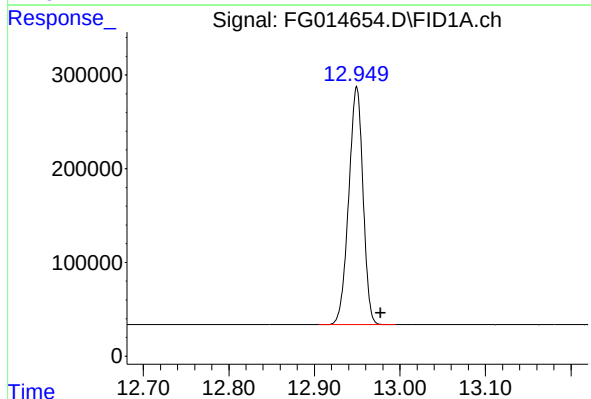
R.T.: 11.637 min
Delta R.T.: -0.028 min
Response: 3092656
Conc: 21.60 ug/ml



#9 ortho-Terphenyl (SURR)

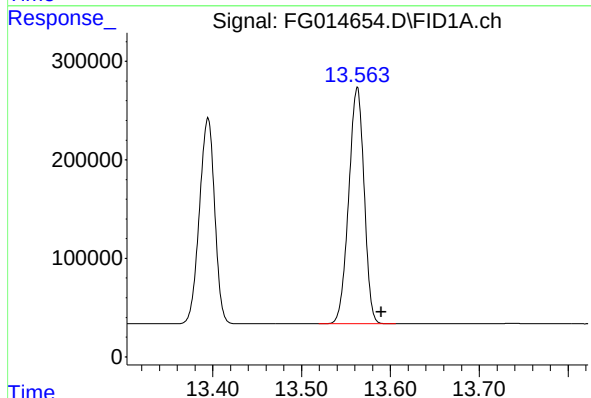
R.T.: 11.955 min
Delta R.T.: -0.029 min
Response: 3259258
Conc: 21.27 ug/ml

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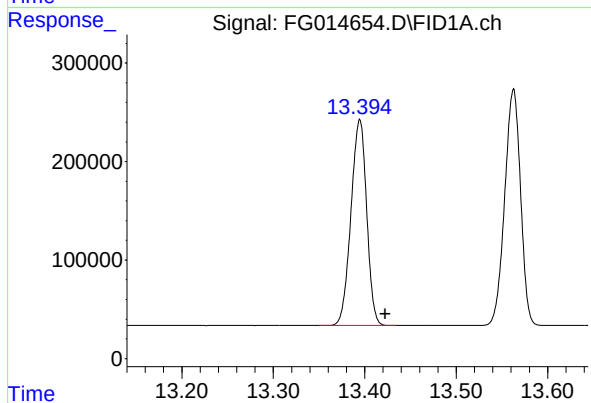
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.028 min
Response: 2953476
Conc: 21.00 ug/ml



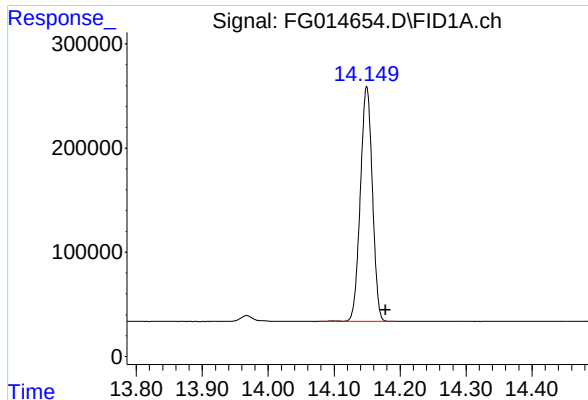
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.027 min
Response: 2888334
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

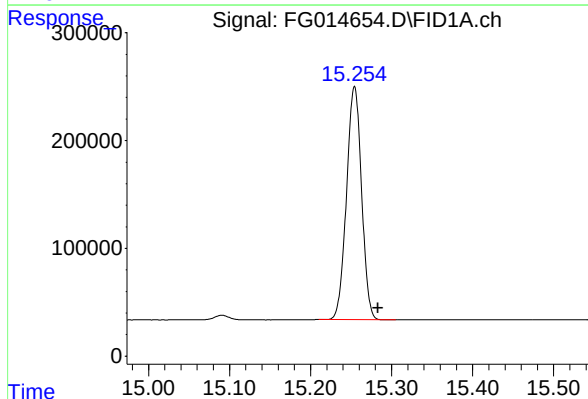
R.T.: 13.395 min
Delta R.T.: -0.028 min
Response: 2492002
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

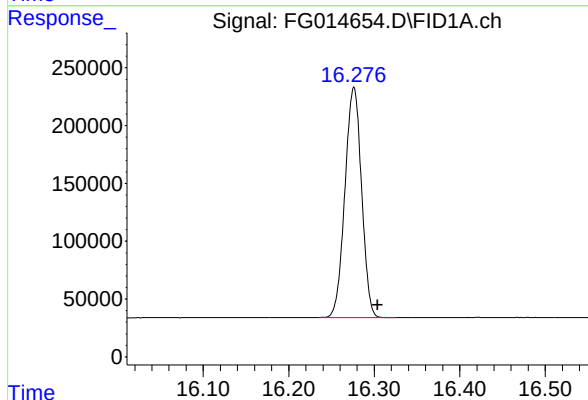
R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 2864652
Conc: 20.36 ug/ml

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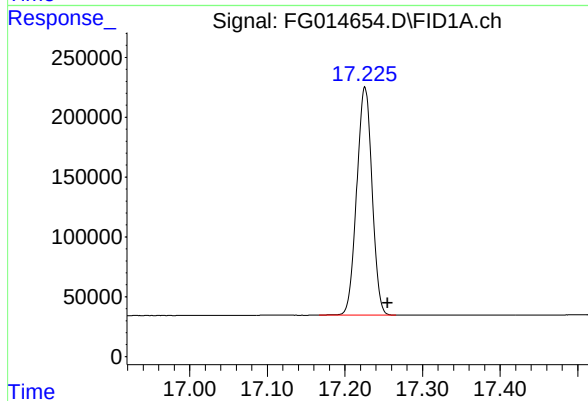
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.029 min
Response: 2792228
Conc: 19.62 ug/ml



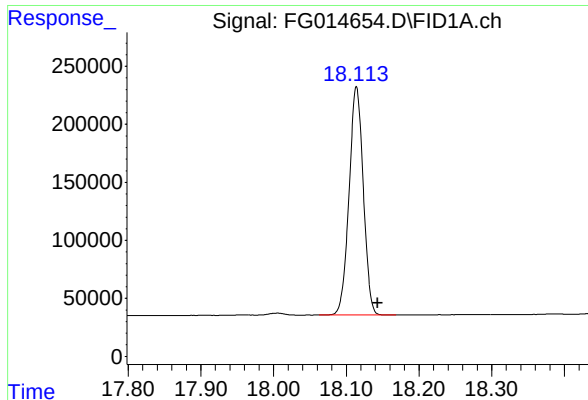
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.028 min
Response: 2691047
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

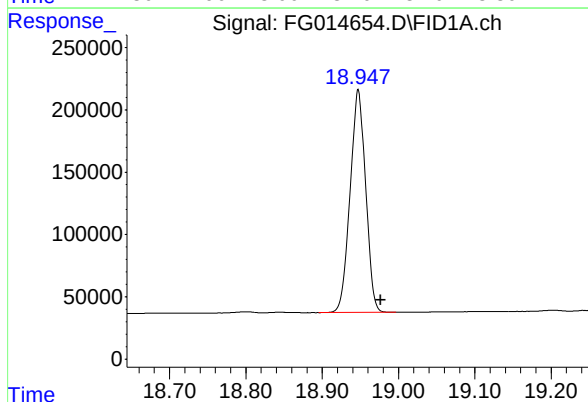
R.T.: 17.226 min
Delta R.T.: -0.029 min
Response: 2615656
Conc: 18.93 ug/ml



#17 n-Tricontane (C30)

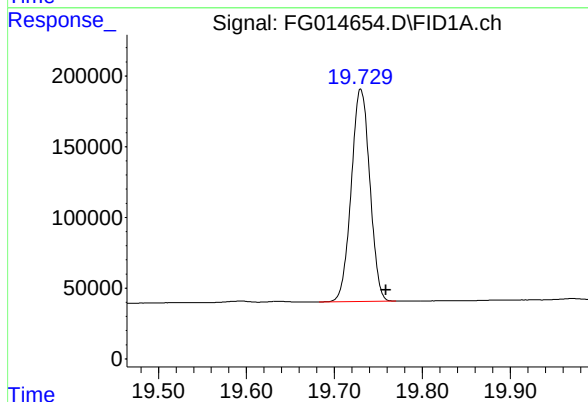
R.T.: 18.114 min
Delta R.T.: -0.029 min
Response: 2667736
Conc: 19.25 ug/ml

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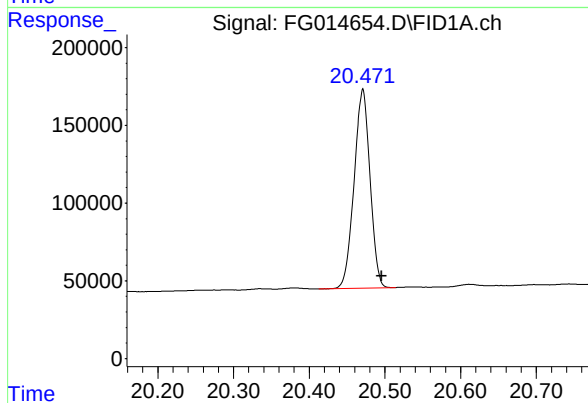
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.029 min
Response: 2556314
Conc: 19.53 ug/ml



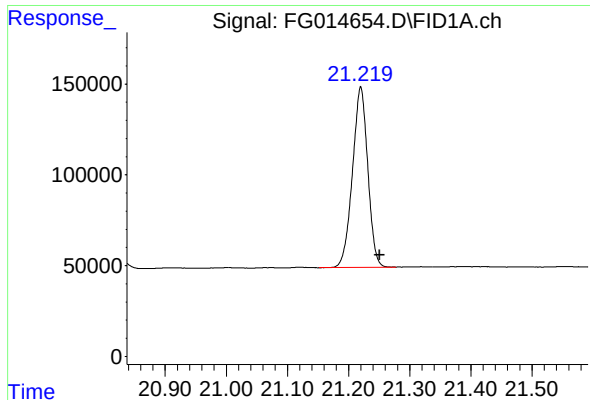
#19 n-Tetatriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.029 min
Response: 2203333
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

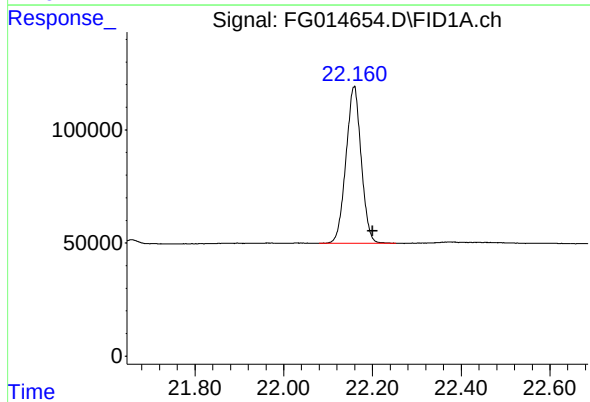
R.T.: 20.471 min
Delta R.T.: -0.024 min
Response: 1871157
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.031 min
Response: 1726098
Conc: 20.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.159 min
Delta R.T.: -0.041 min
Response: 1653640
Conc: 21.75 ug/ml