

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102824AL\
 Data File : FG014530.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2024 13:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 29 02:33:10 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)	11.970	3109298	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	13.407	2386492	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.342	2723016	21.041 ug/ml
2) T n-Decane (C10)	4.593	2780897	21.105 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3022171	21.068 ug/ml
4) T n-Dodecane (C12)	6.762	2816784	21.204 ug/ml
5) T A~2-methylnaphthalene...	7.395	2939326	21.069 ug/ml
6) T n-Tetradecane (C14)	8.594	2796987	21.081 ug/ml
7) T n-Hexadecane (C16)	10.205	2875845	20.695 ug/ml
8) T n-Octadecane (C18)	11.650	2889268	20.182 ug/ml
10) T n-Eicosane (C20)	12.961	2766508	19.673 ug/ml
11) T n-Heneicosane (C21)	13.574	2719458	19.429 ug/ml
13) T n-Docosane (C22)	14.161	2695354	19.161 ug/ml
14) T n-Tetracosane (C24)	15.264	2655868	18.664 ug/ml
15) T n-Hexacosane (C26)	16.285	2570203	18.209 ug/ml
16) T n-Octacosane (C28)	17.236	2459929	17.799 ug/ml
17) T n-Tricontane (C30)	18.123	2431928	17.546 ug/ml
18) T n-Dotriacontane (C32)	18.955	2291511	17.503 ug/ml
19) T n-Tetratriacontane (C34)	19.737	1982843	17.715 ug/ml
20) T n-Hexatriacontane (C36)	20.475	1699068	18.255 ug/ml
21) T n-Octatriacontane (C38)	21.227	1598101	19.128 ug/ml
22) T n-Tetracontane (C40)	22.169	1537597	20.220 ug/ml

(f)=RT Delta > 1/2 Window

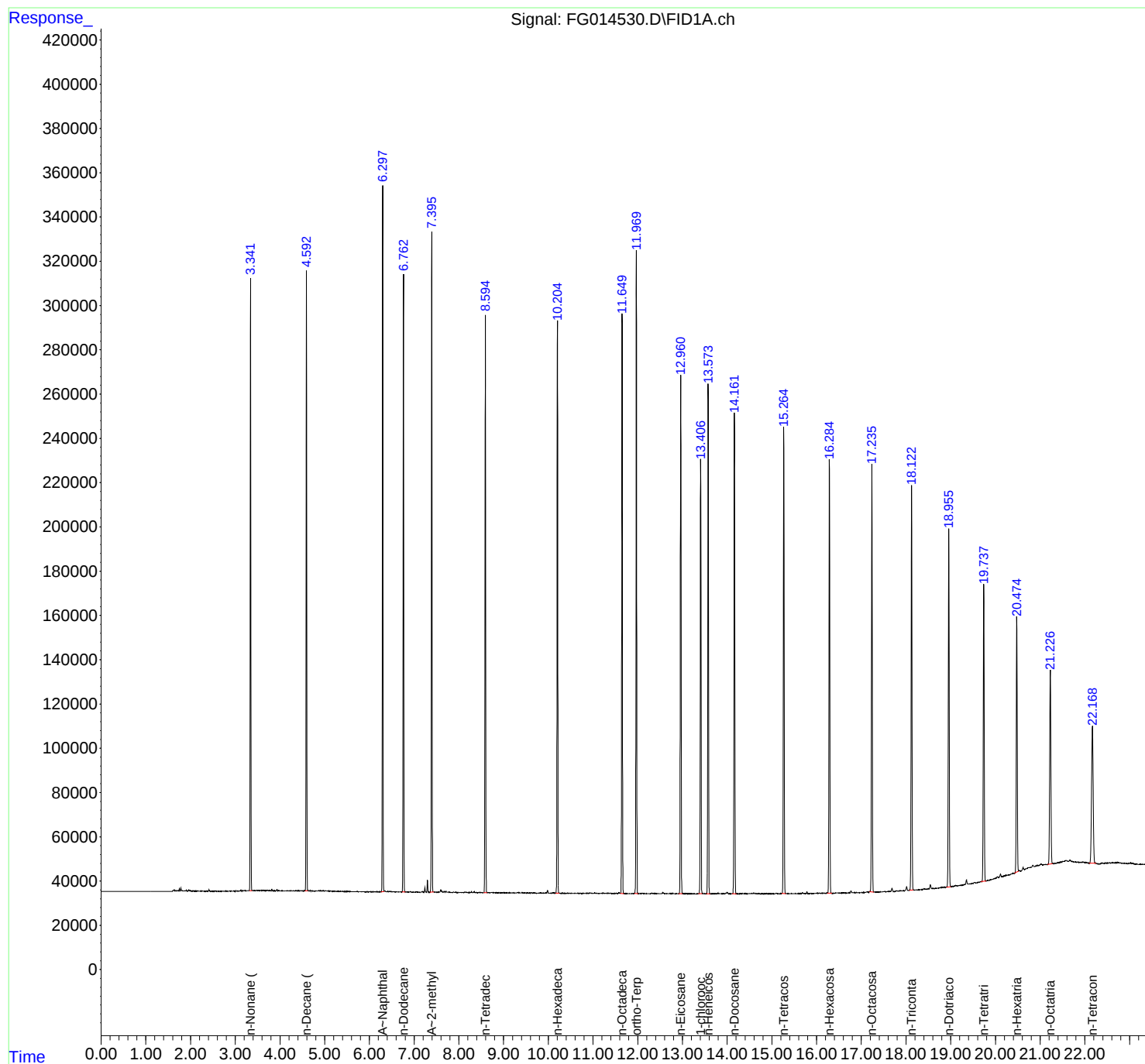
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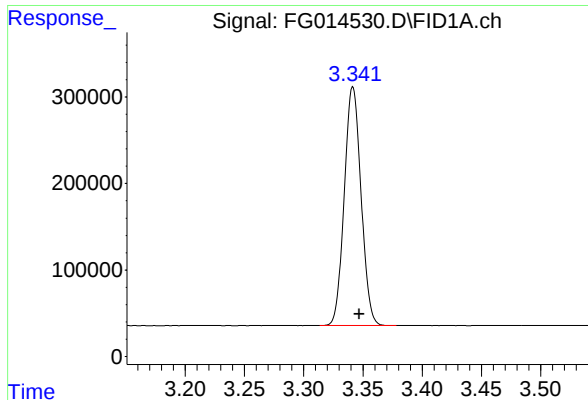
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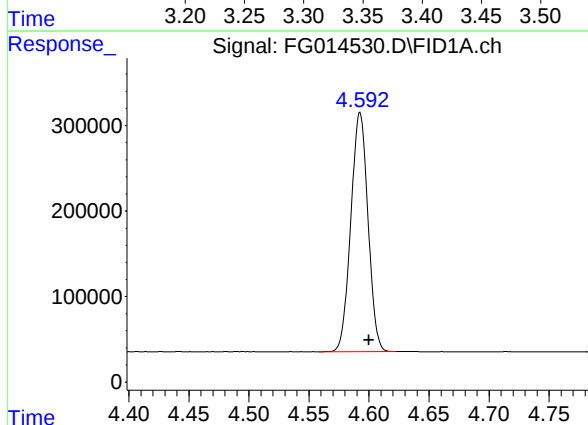




#1 n-Nonane (C9)

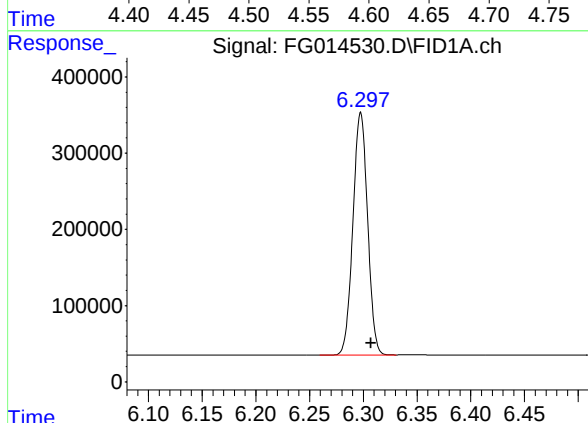
R.T.: 3.342 min
Delta R.T.: -0.005 min
Response: 2723016
Conc: 21.04 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



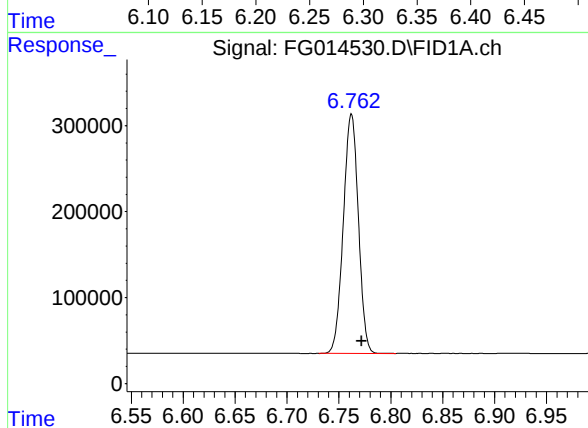
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.008 min
Response: 2780897
Conc: 21.10 ug/ml



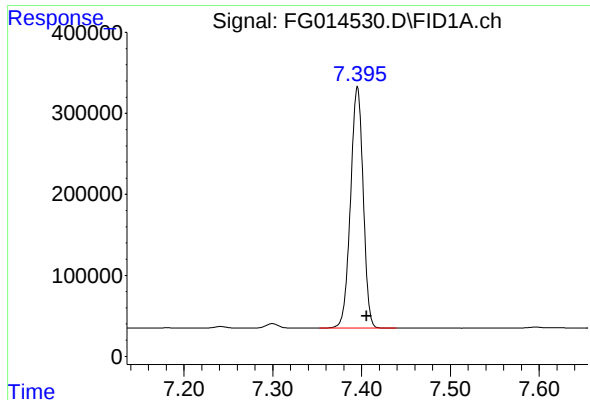
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.010 min
Response: 3022171
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

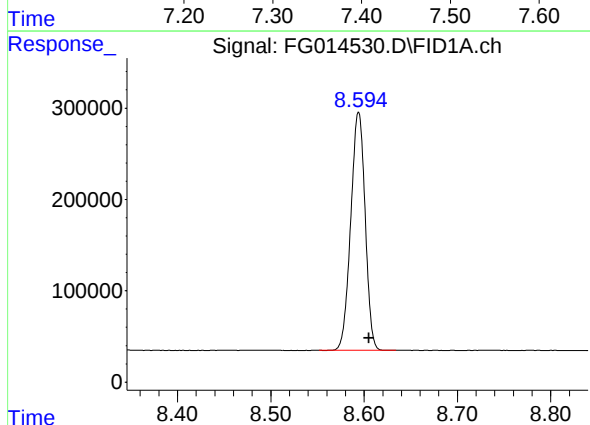
R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 2816784
Conc: 21.20 ug/ml



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

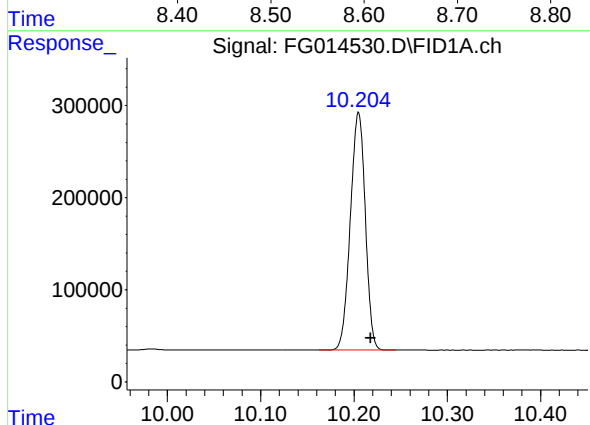
R.T.: 7.395 min
Delta R.T.: -0.011 min
Response: 2939326
Conc: 21.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



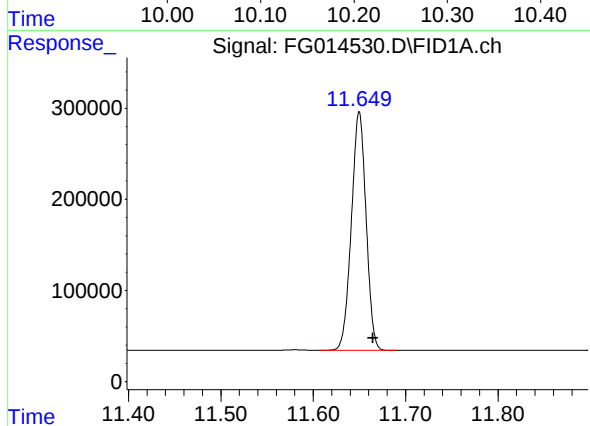
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.011 min
Response: 2796987
Conc: 21.08 ug/ml



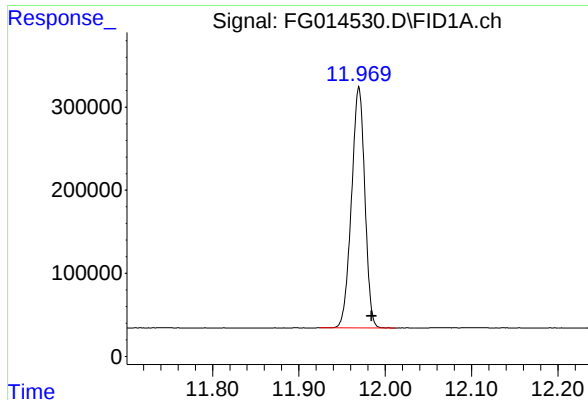
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.013 min
Response: 2875845
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

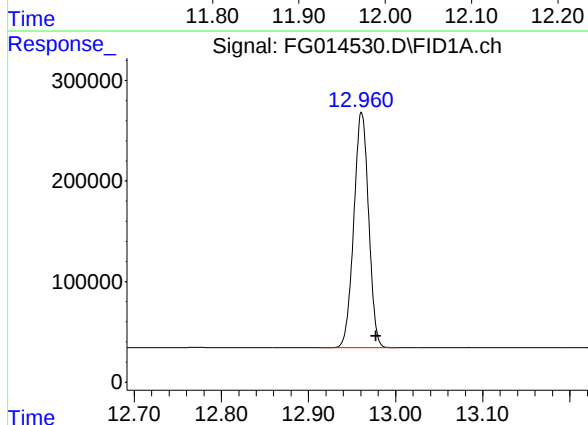
R.T.: 11.650 min
Delta R.T.: -0.015 min
Response: 2889268
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

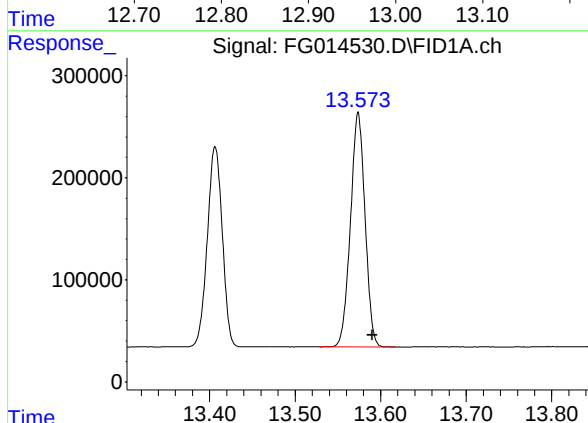
R.T.: 11.970 min
Delta R.T.: -0.015 min
Response: 3109298
Conc: 20.29 ug/ml

Instrument :
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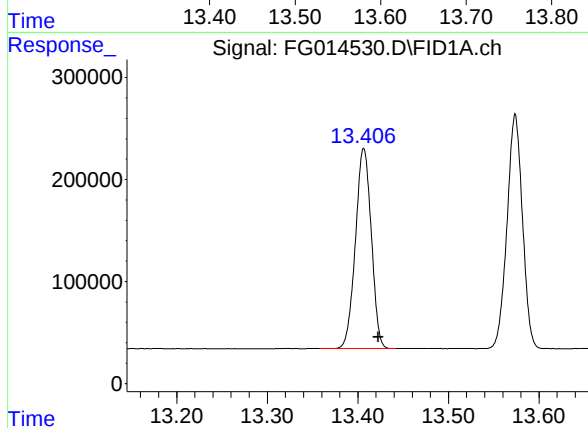
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: -0.016 min
Response: 2766508
Conc: 19.67 ug/ml



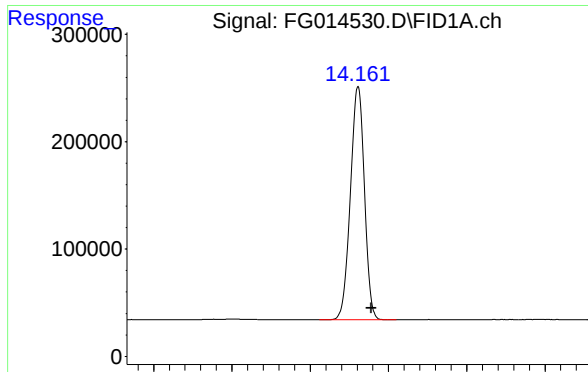
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.016 min
Response: 2719458
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

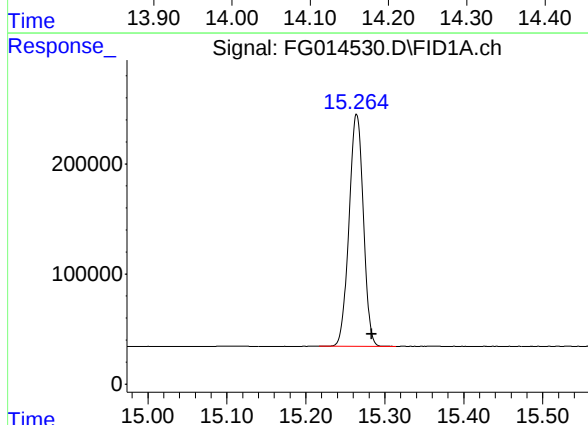
R.T.: 13.407 min
Delta R.T.: -0.016 min
Response: 2386492
Conc: 19.44 ug/ml



#13 n-Docosane (C22)

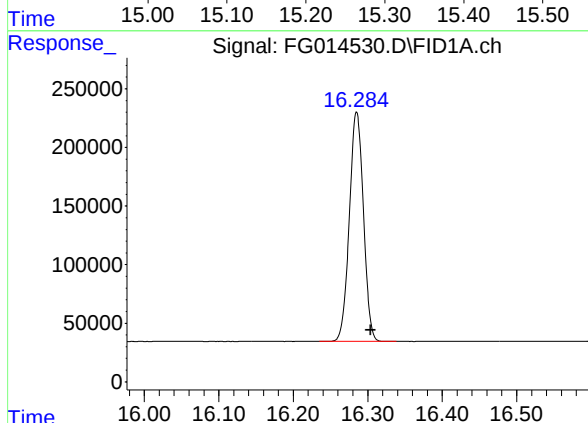
R.T.: 14.161 min
Delta R.T.: -0.017 min
Response: 2695354
Conc: 19.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



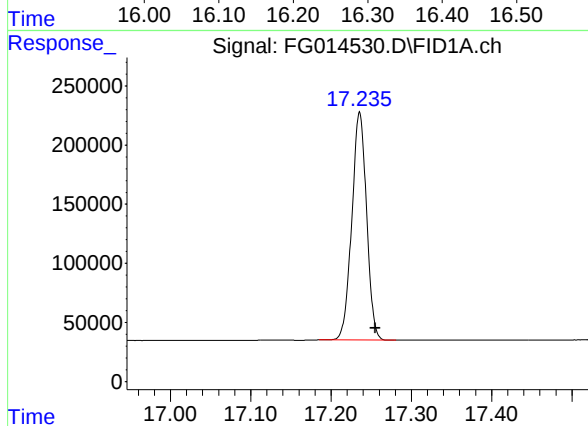
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.019 min
Response: 2655868
Conc: 18.66 ug/ml



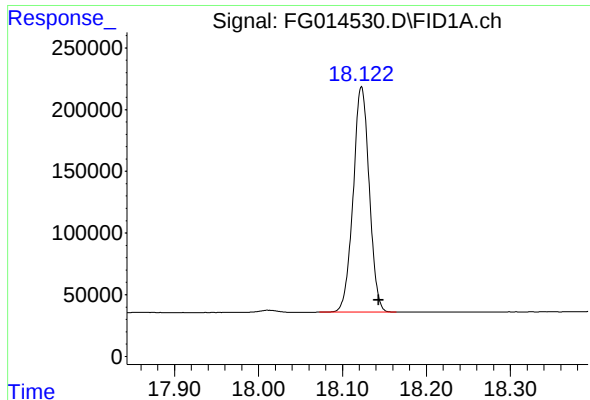
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.019 min
Response: 2570203
Conc: 18.21 ug/ml



#16 n-Octacosane (C28)

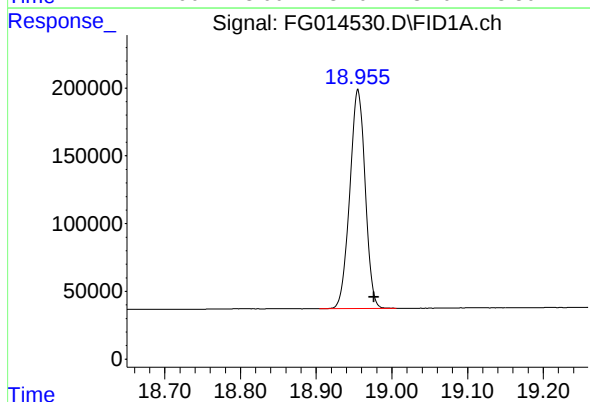
R.T.: 17.236 min
Delta R.T.: -0.019 min
Response: 2459929
Conc: 17.80 ug/ml



#17 n-Tricontane (C30)

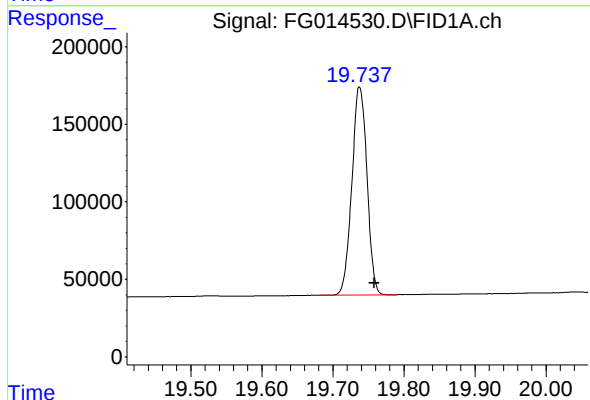
R.T.: 18.123 min
Delta R.T.: -0.021 min
Response: 2431928
Conc: 17.55 ug/ml

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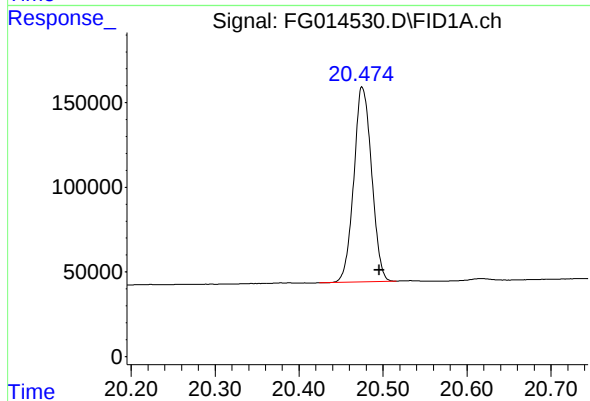
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: -0.021 min
Response: 2291511
Conc: 17.50 ug/ml



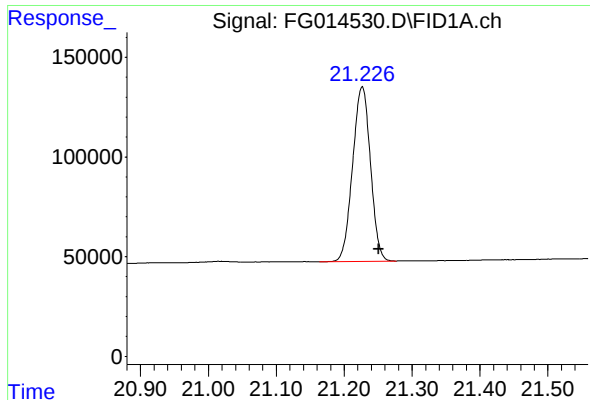
#19 n-Tetatriacontane (C34)

R.T.: 19.737 min
Delta R.T.: -0.021 min
Response: 1982843
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

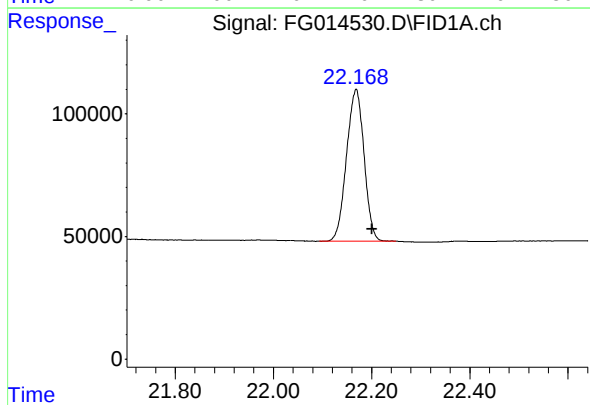
R.T.: 20.475 min
Delta R.T.: -0.020 min
Response: 1699068
Conc: 18.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: -0.024 min
Response: 1598101
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.169 min
Delta R.T.: -0.032 min
Response: 1537597
Conc: 20.22 ug/ml