

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102824AL\
 Data File : FG014524.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2024 10:28
 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 02:32:21 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)	11.969	2876059	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.407	2170610	17.677 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.342	2507674	19.377 ug/ml
2) T n-Decane (C10)	4.593	2563731	19.456 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2784754	19.413 ug/ml
4) T n-Dodecane (C12)	6.763	2604119	19.603 ug/ml
5) T A~2-methylnaphthalene...	7.396	2707713	19.409 ug/ml
6) T n-Tetradecane (C14)	8.594	2587264	19.500 ug/ml
7) T n-Hexadecane (C16)	10.205	2660231	19.143 ug/ml
8) T n-Octadecane (C18)	11.650	2675551	18.689 ug/ml
10) T n-Eicosane (C20)	12.962	2558076	18.190 ug/ml
11) T n-Heneicosane (C21)	13.574	2510373	17.936 ug/ml
13) T n-Docosane (C22)	14.161	2487401	17.682 ug/ml
14) T n-Tetracosane (C24)	15.265	2445845	17.189 ug/ml
15) T n-Hexacosane (C26)	16.286	2366187	16.764 ug/ml
16) T n-Octacosane (C28)	17.237	2255453	16.319 ug/ml
17) T n-Tricontane (C30)	18.124	2217525	15.999 ug/ml
18) T n-Dotriacontane (C32)	18.956	2071171	15.820 ug/ml
19) T n-Tetratriacontane (C34)	19.737	1764250	15.762 ug/ml
20) T n-Hexatriacontane (C36)	20.477	1474984	15.847 ug/ml
21) T n-Octatriacontane (C38)	21.227	1626959	19.473 ug/ml
22) T n-Tetracontane (C40)	22.167	1147502	15.090 ug/ml

(f)=RT Delta > 1/2 Window

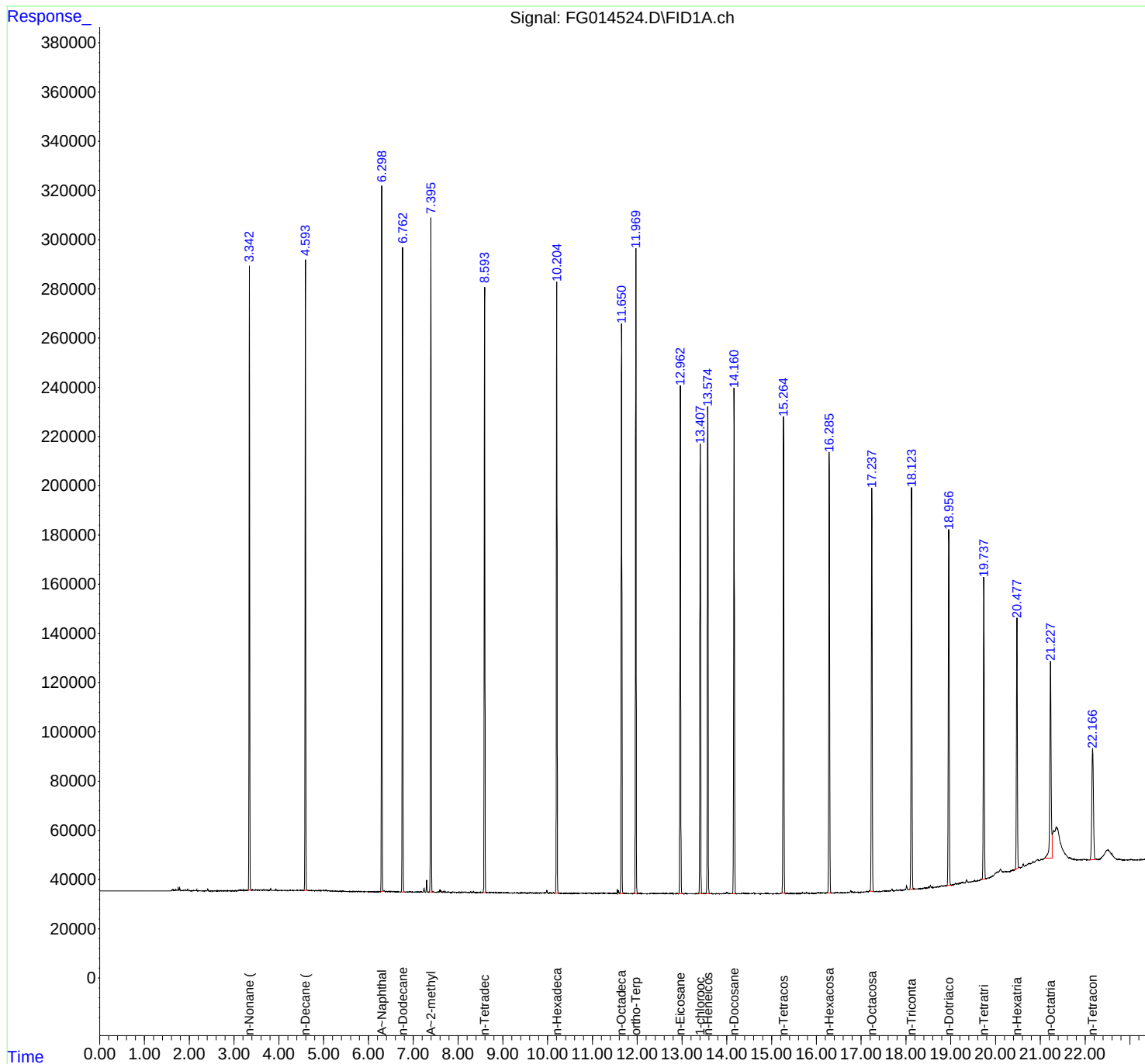
(m)=manual int.

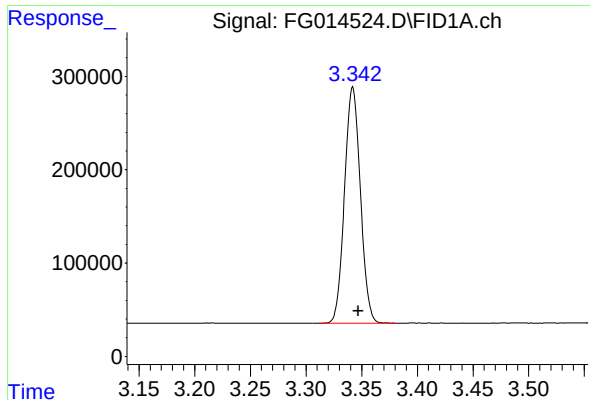
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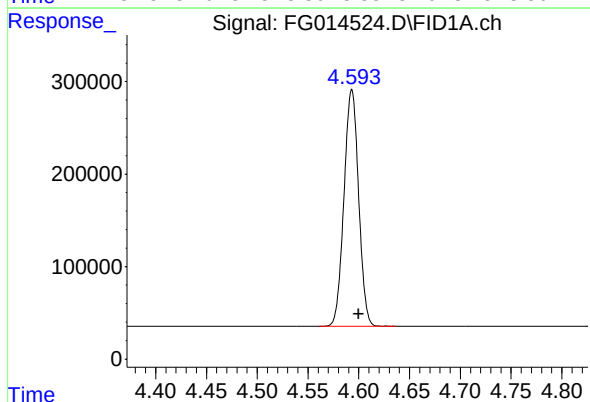




#1 n-Nonane (C9)

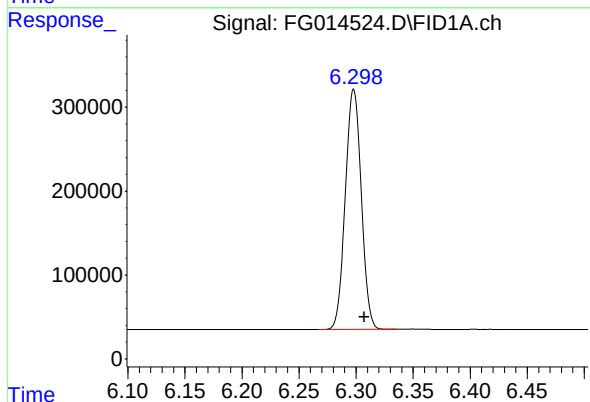
R.T.: 3.342 min
Delta R.T.: -0.005 min
Response: 2507674
Conc: 19.38 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



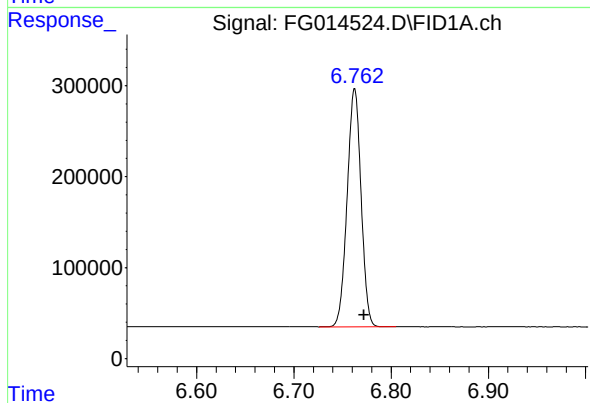
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.007 min
Response: 2563731
Conc: 19.46 ug/ml



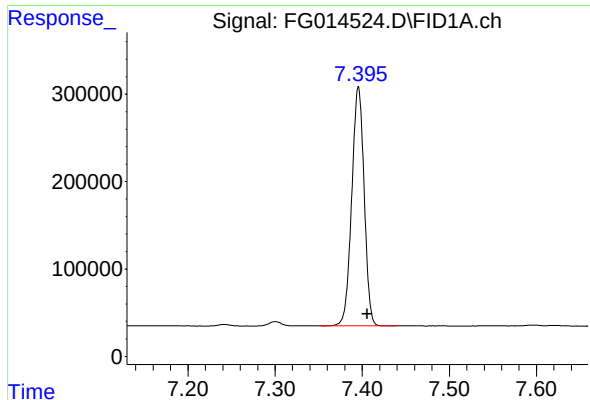
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 2784754
Conc: 19.41 ug/ml



#4 n-Dodecane (C12)

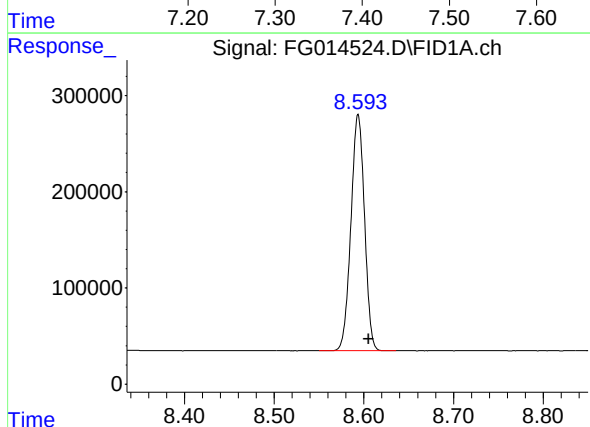
R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 2604119
Conc: 19.60 ug/ml



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

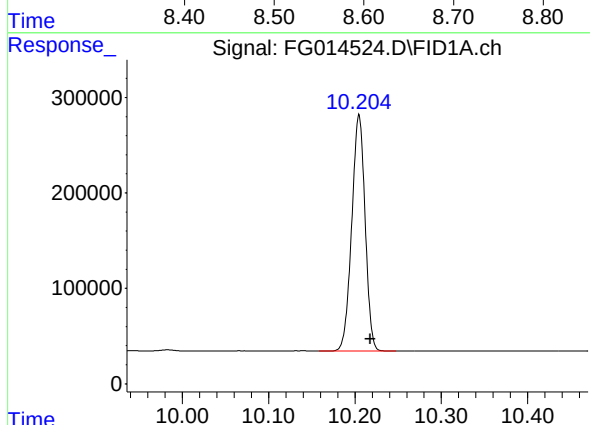
R.T.: 7.396 min
Delta R.T.: -0.010 min
Response: 2707713
Conc: 19.41 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



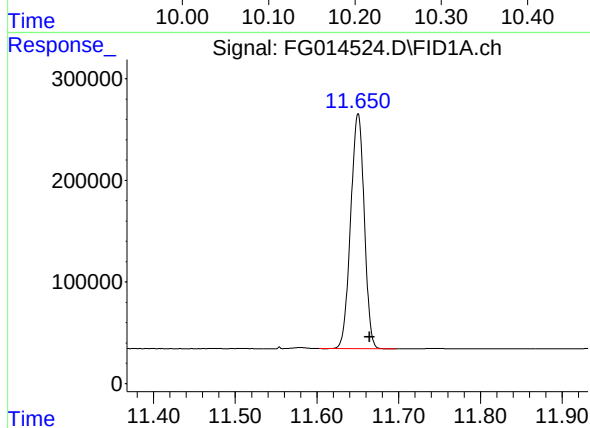
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 2587264
Conc: 19.50 ug/ml



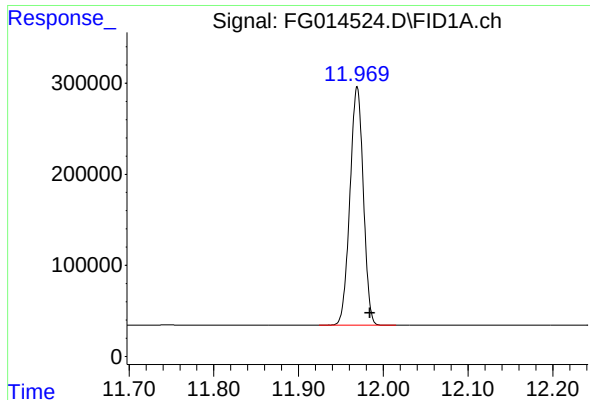
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.013 min
Response: 2660231
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

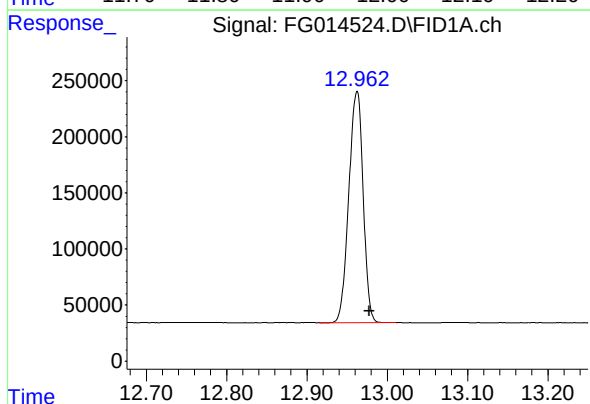
R.T.: 11.650 min
Delta R.T.: -0.014 min
Response: 2675551
Conc: 18.69 ug/ml



#9 ortho-Terphenyl (SURR)

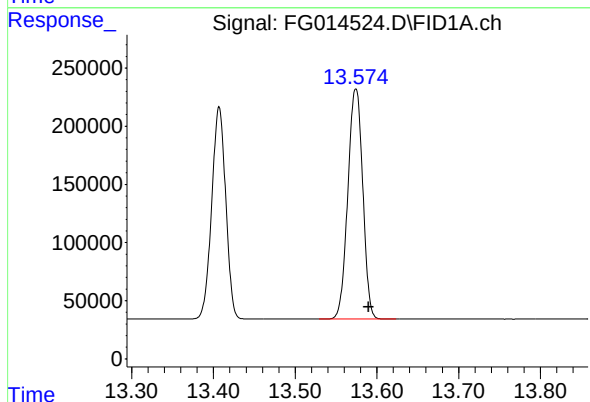
R.T.: 11.969 min
Delta R.T.: -0.015 min
Response: 2876059
Conc: 18.76 ug/ml

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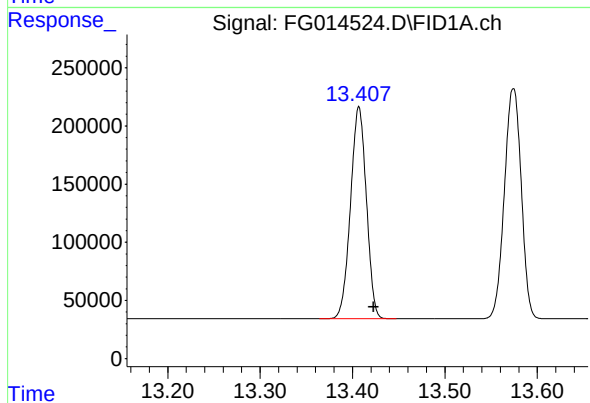
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.015 min
Response: 2558076
Conc: 18.19 ug/ml



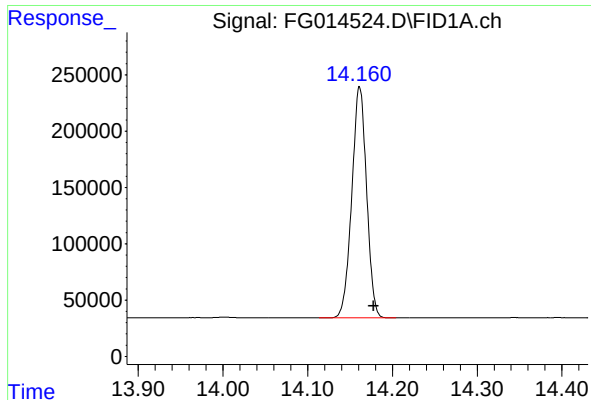
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.016 min
Response: 2510373
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

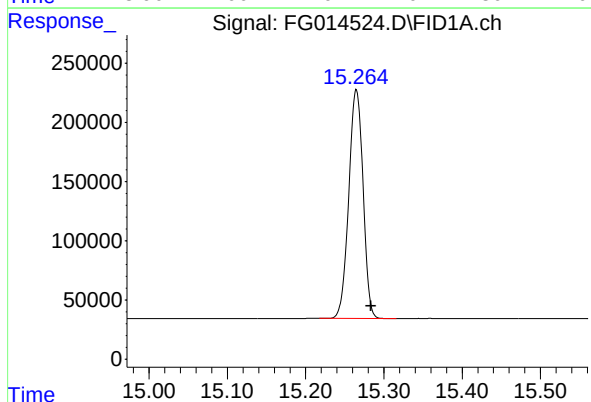
R.T.: 13.407 min
Delta R.T.: -0.016 min
Response: 2170610
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

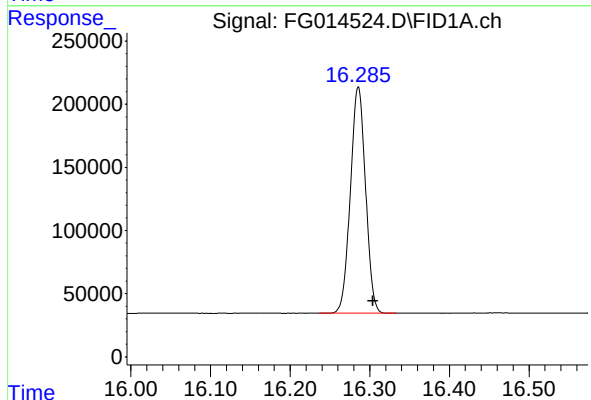
R.T.: 14.161 min
Delta R.T.: -0.017 min
Response: 2487401
Conc: 17.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



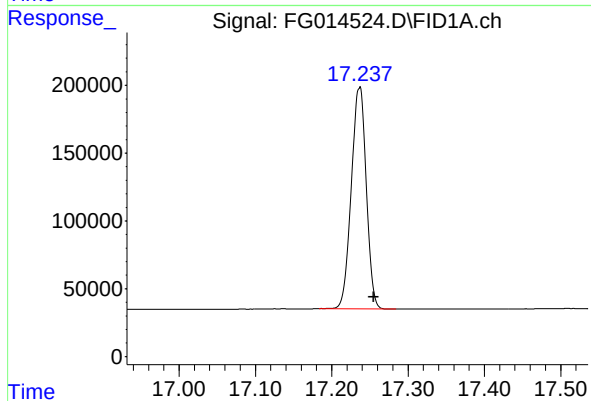
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.019 min
Response: 2445845
Conc: 17.19 ug/ml



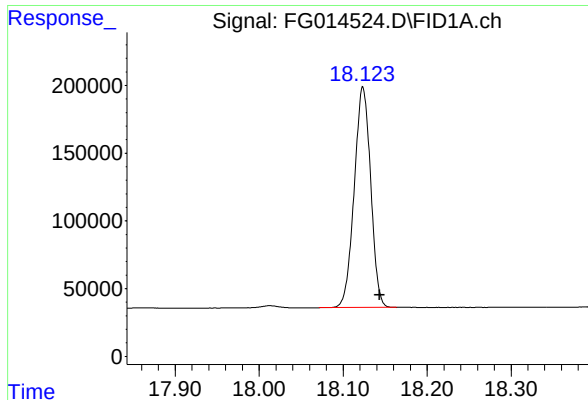
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: -0.018 min
Response: 2366187
Conc: 16.76 ug/ml



#16 n-Octacosane (C28)

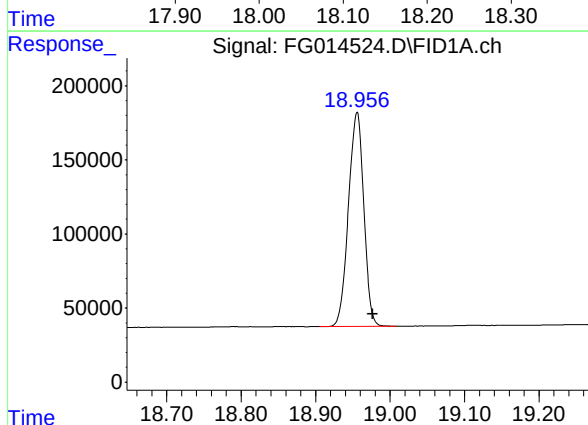
R.T.: 17.237 min
Delta R.T.: -0.018 min
Response: 2255453
Conc: 16.32 ug/ml



#17 n-Tricontane (C30)

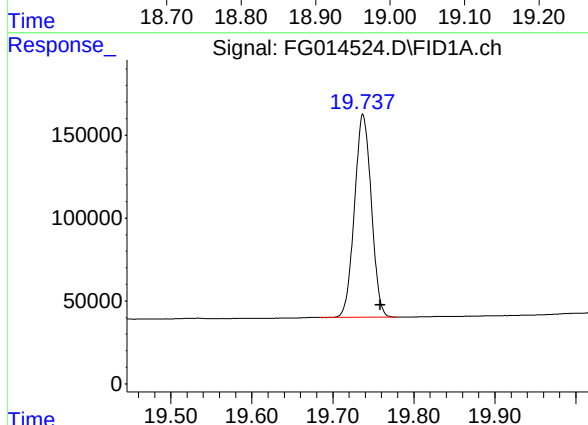
R.T.: 18.124 min
Delta R.T.: -0.020 min
Response: 2217525
Conc: 16.00 ug/ml

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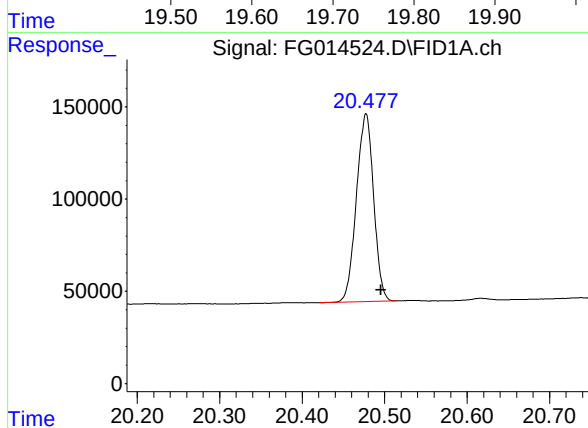
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: -0.021 min
Response: 2071171
Conc: 15.82 ug/ml



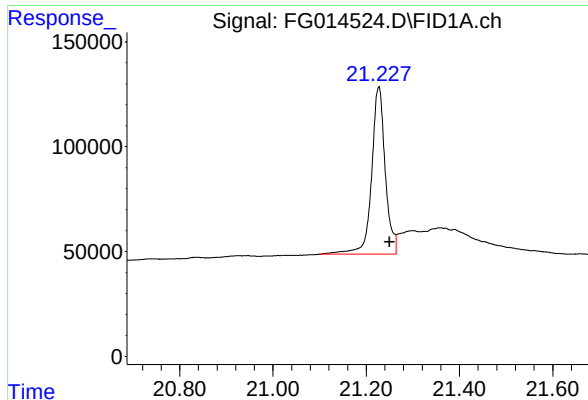
#19 n-Tetatriacontane (C34)

R.T.: 19.737 min
Delta R.T.: -0.021 min
Response: 1764250
Conc: 15.76 ug/ml



#20 n-Hexatriacontane (C36)

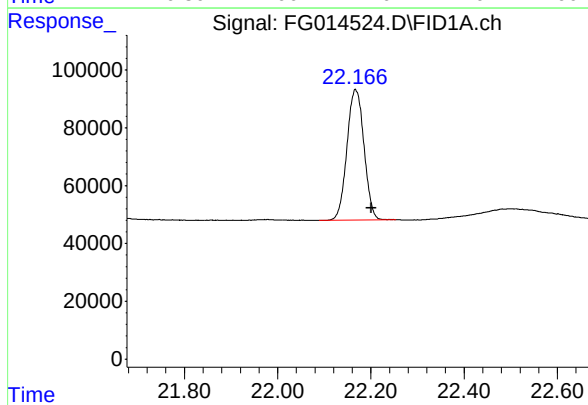
R.T.: 20.477 min
Delta R.T.: -0.018 min
Response: 1474984
Conc: 15.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: -0.023 min
Response: 1626959
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.167 min
Delta R.T.: -0.034 min
Response: 1147502
Conc: 15.09 ug/ml