

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
 Data File : FE044729.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2023 14:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:44:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.914	3362967	17.913 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
12) S 1-chlorooctadecane (S...	13.357	2449415	18.005 ug/ml
Spiked Amount 50.000		Recovery =	36.01%
Target Compounds			
1) T n-Nonane (C9)	3.297	2722896	16.772 ug/ml
2) T n-Decane (C10)	4.549	2845537	17.184 ug/ml
3) T A~Naphthalene (C11.7)	6.249	3073976	17.194 ug/ml
4) T n-Dodecane (C12)	6.714	2879868	17.314 ug/ml
5) T A~2-methylnaphthalene...	7.345	2964695	17.328 ug/ml
6) T n-Tetradecane (C14)	8.542	2854533	17.388 ug/ml
7) T n-Hexadecane (C16)	10.154	2957346	17.457 ug/ml
8) T n-Octadecane (C18)	11.600	3000554	17.672 ug/ml
10) T n-Eicosane (C20)	12.912	2872187	17.852 ug/ml
11) T n-Heneicosane (C21)	13.525	2796453	17.859 ug/ml
13) T n-Docosane (C22)	14.112	2787355	18.072 ug/ml
14) T n-Tetracosane (C24)	15.218	2778906	18.383 ug/ml
15) T n-Hexacosane (C26)	16.240	2731301	18.568 ug/ml
16) T n-Octacosane (C28)	17.192	2831374	19.742 ug/ml
17) T n-Tricontane (C30)	18.082	3120750	21.053 ug/ml
18) T n-Dotriacontane (C32)	18.916	3241952	21.900 ug/ml
19) T n-Tetratriacontane (C34)	19.703	3112005	21.294 ug/ml
20) T n-Hexatriacontane (C36)	20.444	2925285	20.167 ug/ml
21) T n-Octatriacontane (C38)	21.186	2893762	19.319 ug/ml
22) T n-Tetracontane (C40)	22.110	2910843	18.445 ug/ml

(f)=RT Delta > 1/2 Window

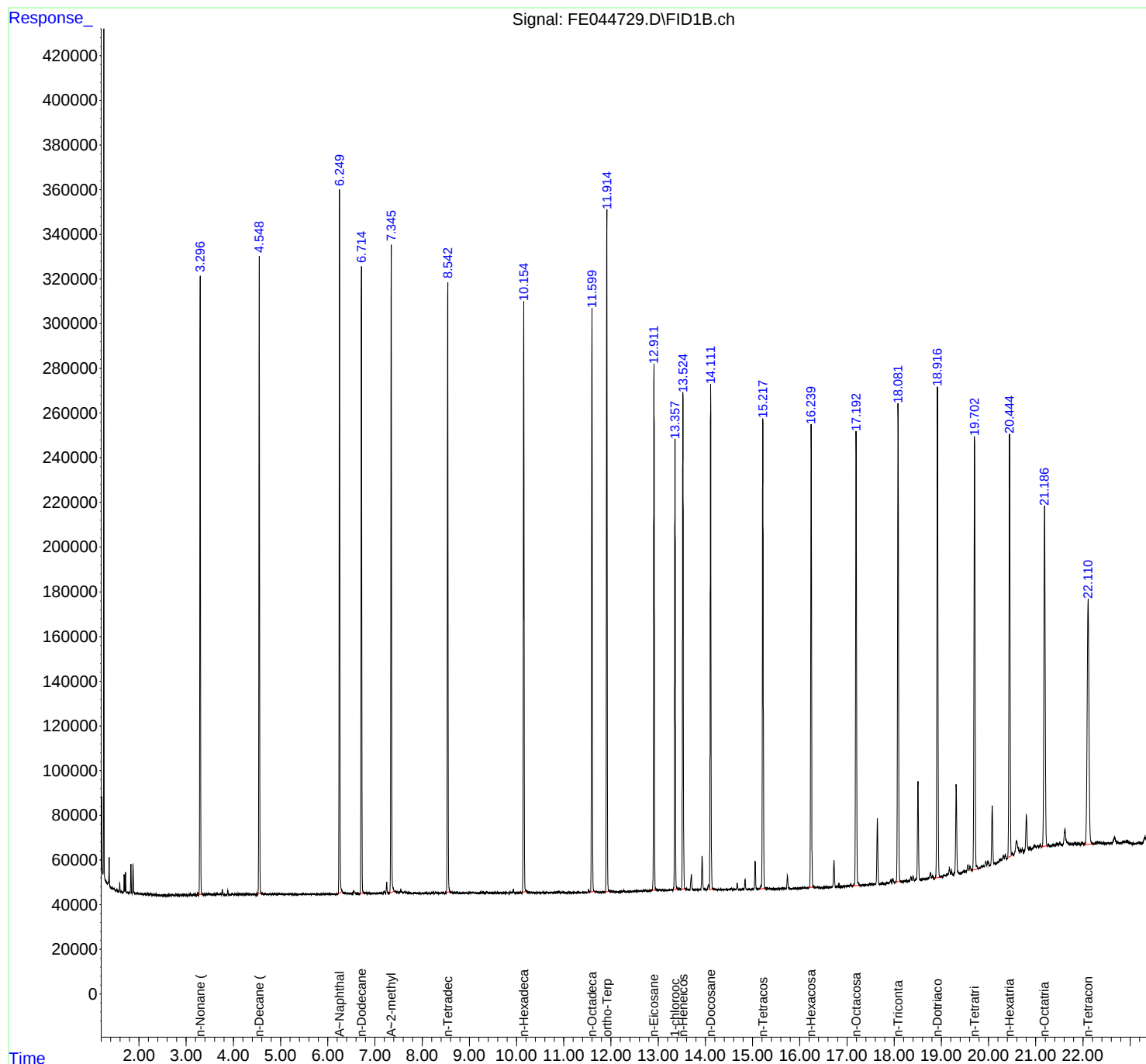
(m)=manual int.

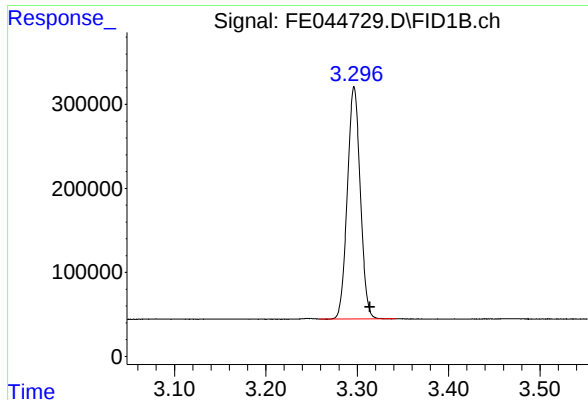
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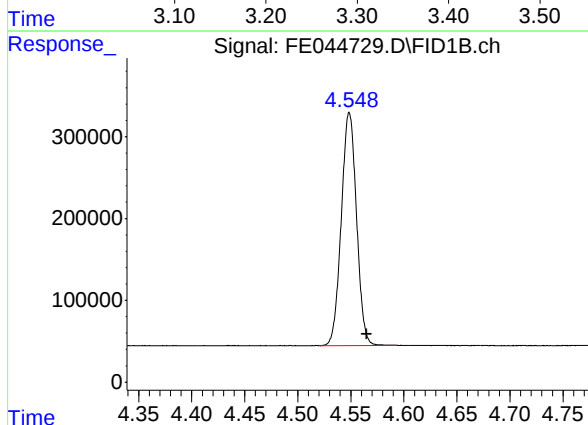




#1 n-Nonane (C9)

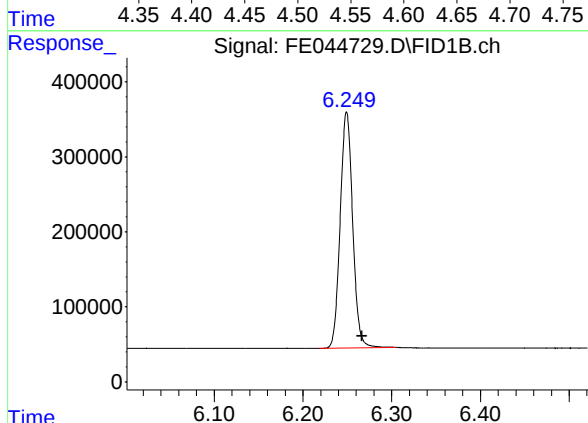
R.T.: 3.297 min
Delta R.T.: -0.017 min
Response: 2722896
Conc: 16.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



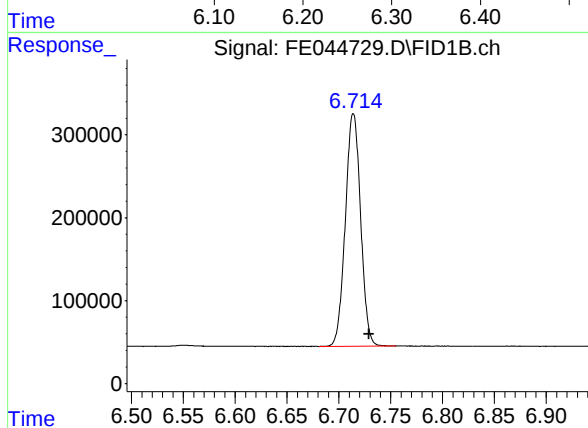
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.016 min
Response: 2845537
Conc: 17.18 ug/ml



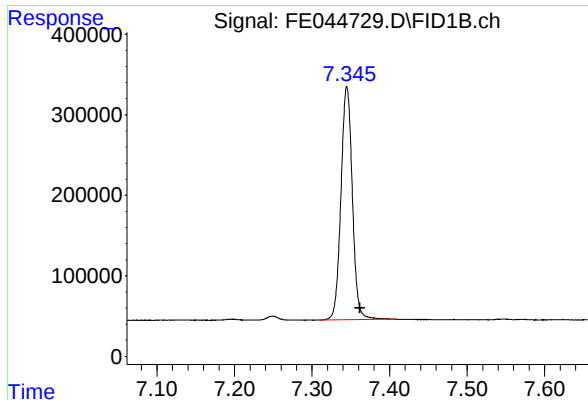
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.017 min
Response: 3073976
Conc: 17.19 ug/ml



#4 n-Dodecane (C12)

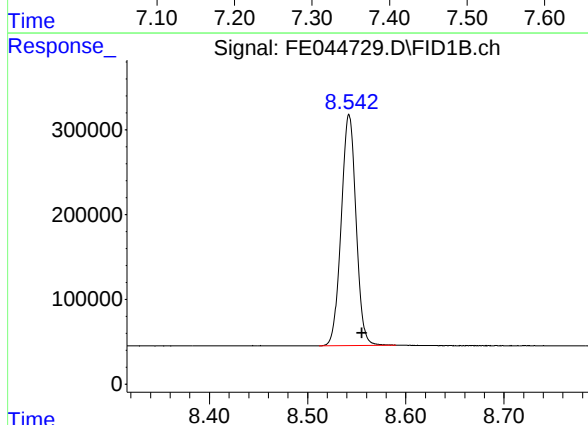
R.T.: 6.714 min
Delta R.T.: -0.015 min
Response: 2879868
Conc: 17.31 ug/ml



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

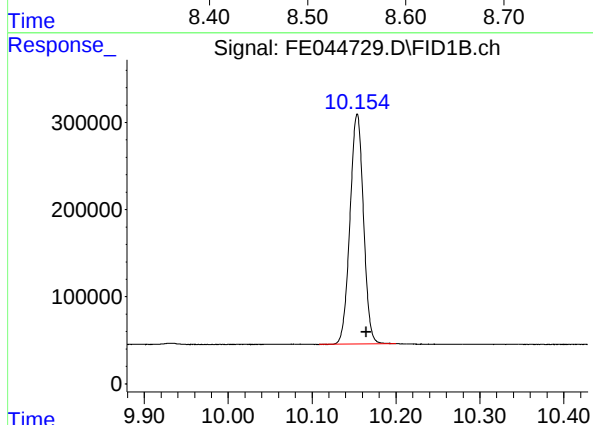
R.T.: 7.345 min
Delta R.T.: -0.017 min
Response: 2964695
Conc: 17.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



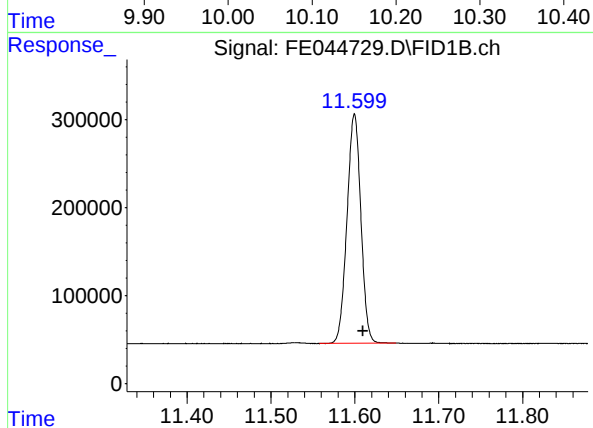
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.013 min
Response: 2854533
Conc: 17.39 ug/ml



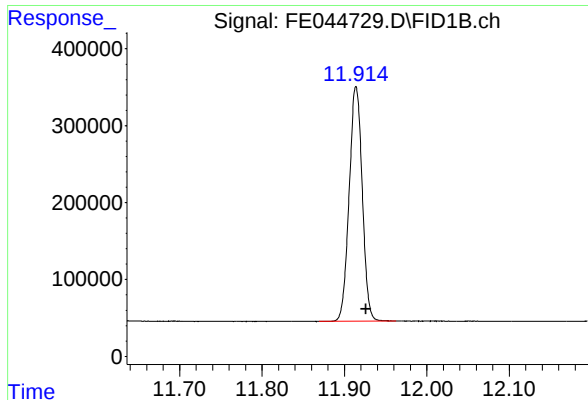
#7 n-Hexadecane (C16)

R.T.: 10.154 min
Delta R.T.: -0.011 min
Response: 2957346
Conc: 17.46 ug/ml



#8 n-Octadecane (C18)

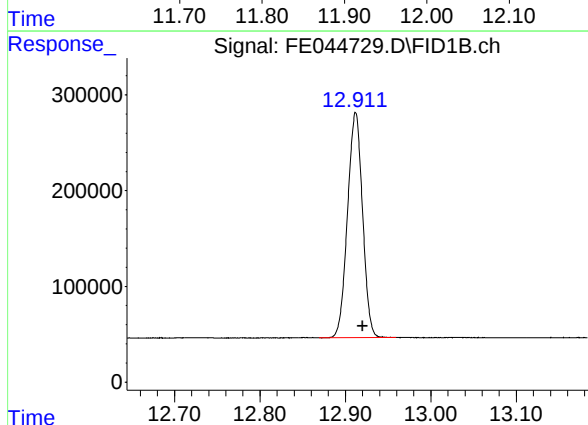
R.T.: 11.600 min
Delta R.T.: -0.010 min
Response: 3000554
Conc: 17.67 ug/ml



#9 ortho-Terphenyl (SURR)

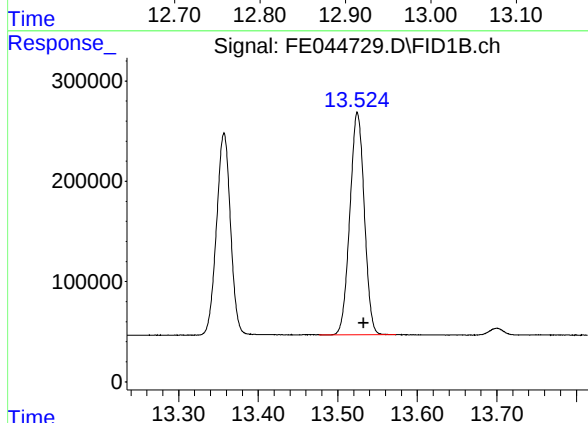
R.T.: 11.914 min
Delta R.T.: -0.012 min
Response: 3362967
Conc: 17.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



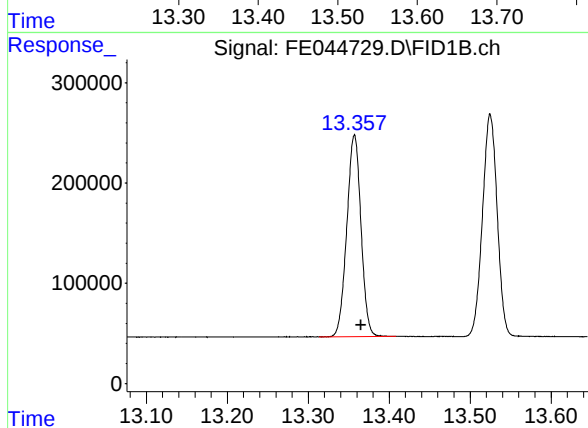
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.008 min
Response: 2872187
Conc: 17.85 ug/ml



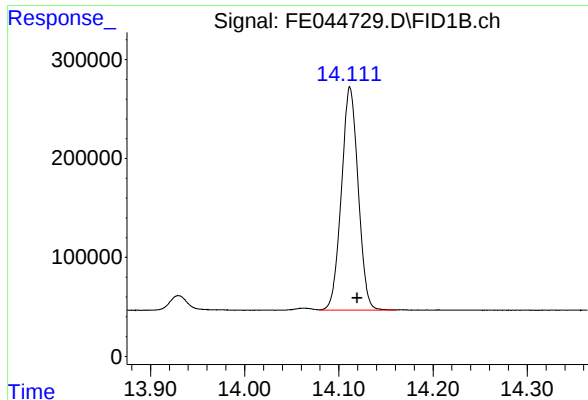
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.008 min
Response: 2796453
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

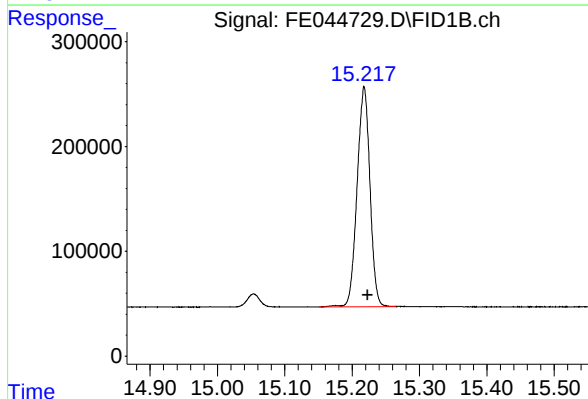
R.T.: 13.357 min
Delta R.T.: -0.008 min
Response: 2449415
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

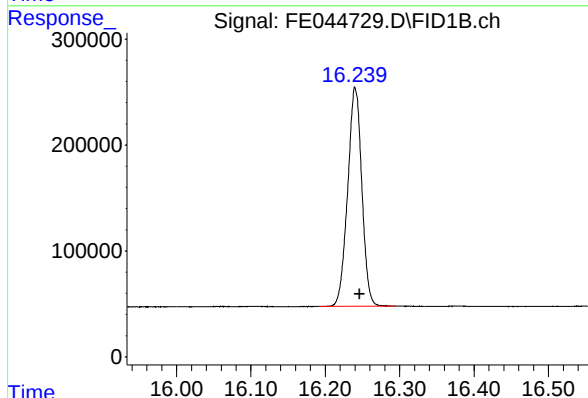
R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 2787355
Conc: 18.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



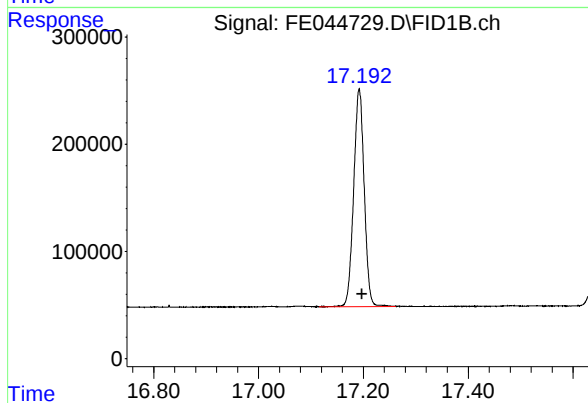
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.005 min
Response: 2778906
Conc: 18.38 ug/ml



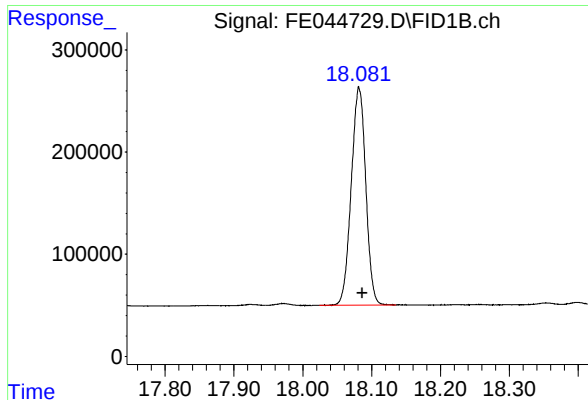
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.006 min
Response: 2731301
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

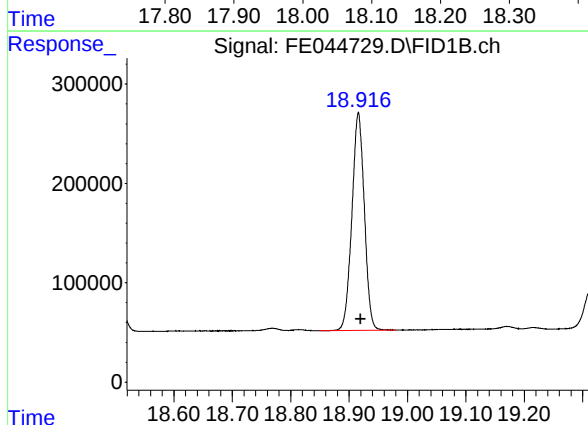
R.T.: 17.192 min
Delta R.T.: -0.005 min
Response: 2831374
Conc: 19.74 ug/ml



#17 n-Tricontane (C30)

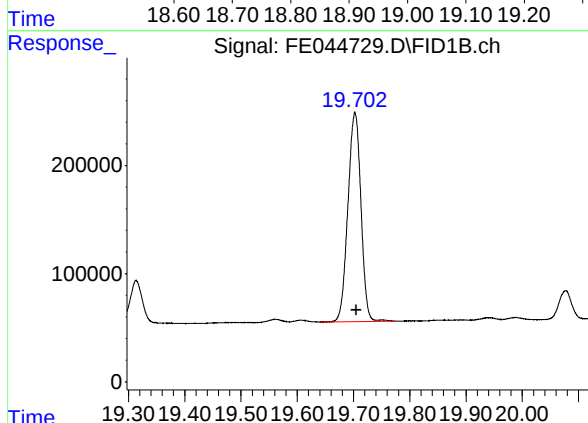
R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 3120750
Conc: 21.05 ug/ml

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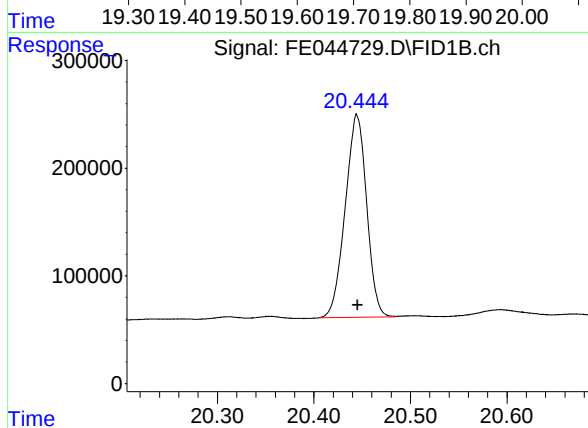
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.004 min
Response: 3241952
Conc: 21.90 ug/ml



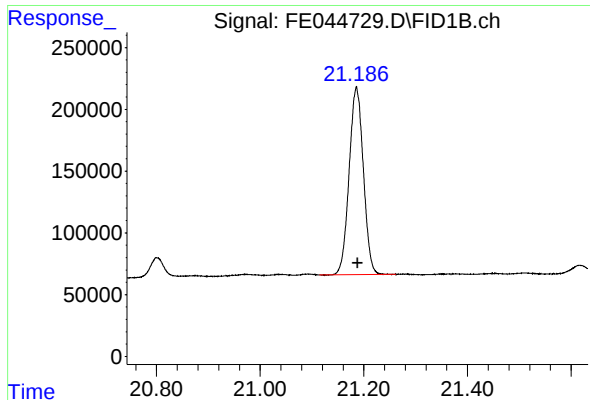
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 3112005
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

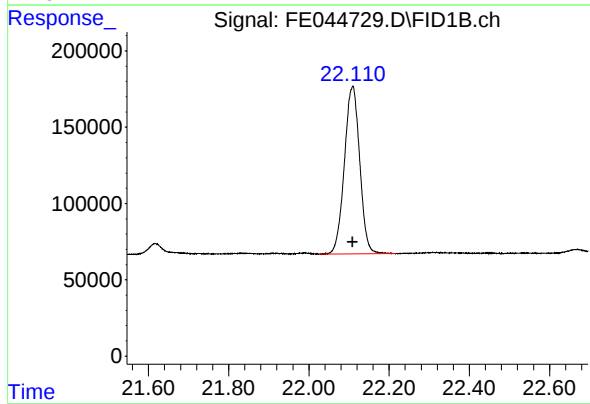
R.T.: 20.444 min
Delta R.T.: -0.001 min
Response: 2925285
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.003 min
Response: 2893762
Conc: 19.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: 0.000 min
Response: 2910843
Conc: 18.45 ug/ml