

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052874.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 07:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 20 08:37:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.907	2991875	17.747 ug/ml
Spiked Amount 50.000		Recovery =	35.49%
12) S 1-chlorooctadecane (S...	13.352	2247634	18.510 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.245	2752305	17.751 ug/ml
2) T n-Decane (C10)	4.507	2878027	18.320 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3082202	18.174 ug/ml
4) T n-Dodecane (C12)	6.689	2865024	18.401 ug/ml
5) T A~2-methylnaphthalene...	7.325	2957636	18.251 ug/ml
6) T n-Tetradecane (C14)	8.527	2808150	18.559 ug/ml
7) T n-Hexadecane (C16)	10.142	2857825	18.692 ug/ml
8) T n-Octadecane (C18)	11.591	2827544	18.585 ug/ml
10) T n-Eicosane (C20)	12.905	2673530	18.416 ug/ml
11) T n-Heneicosane (C21)	13.519	2610435	18.341 ug/ml
13) T n-Docosane (C22)	14.108	2613899	18.368 ug/ml
14) T n-Tetracosane (C24)	15.214	2672916	18.678 ug/ml
15) T n-Hexacosane (C26)	16.238	2676221	18.821 ug/ml
16) T n-Octacosane (C28)	17.191	2794725	19.654 ug/ml
17) T n-Tricontane (C30)	18.080	3114292	21.085 ug/ml
18) T n-Dotriacontane (C32)	18.915	3182377	21.920 ug/ml
19) T n-Tetratriacontane (C34)	19.701	2796399	20.748 ug/ml
20) T n-Hexatriacontane (C36)	20.443	2442977	20.560 ug/ml
21) T n-Octatriacontane (C38)	21.184	2319854	20.912 ug/ml
22) T n-Tetracontane (C40)	22.104	2244141	20.757 ug/ml

(f)=RT Delta > 1/2 Window

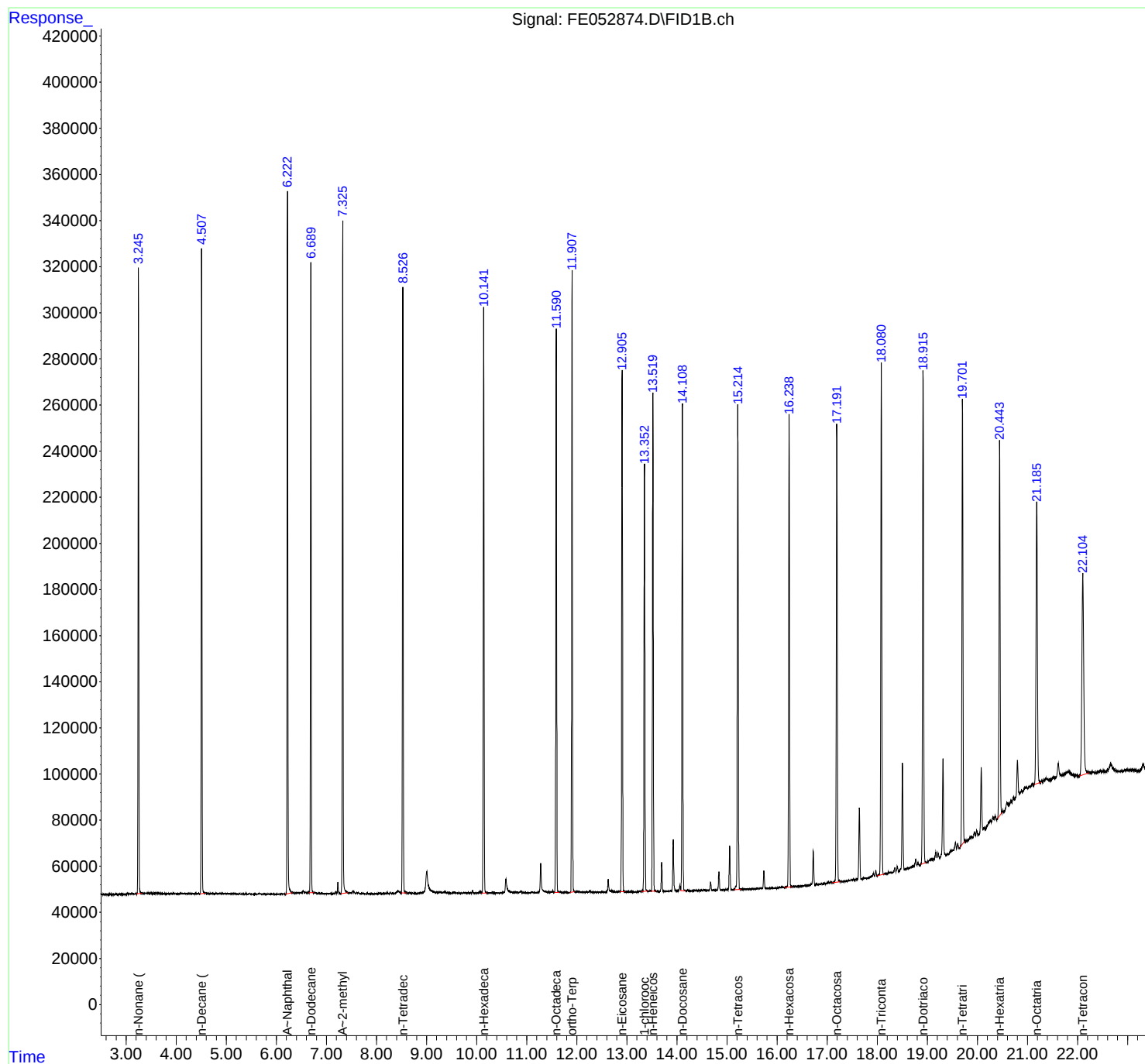
(m)=manual int.

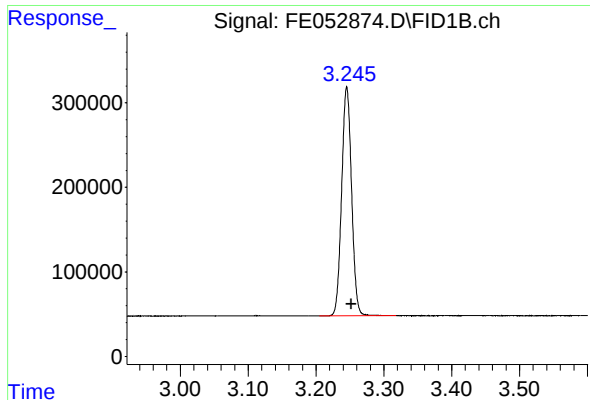
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
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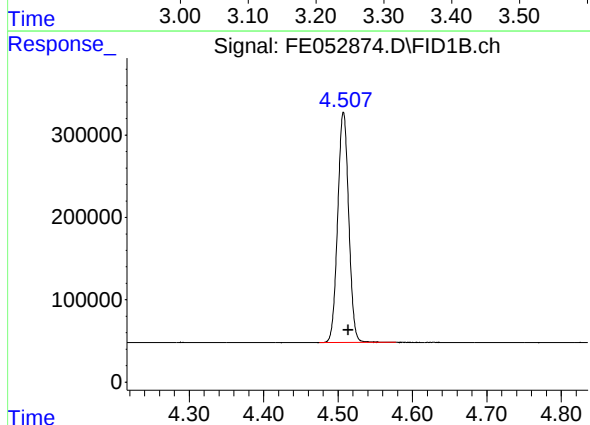




#1 n-Nonane (C9)

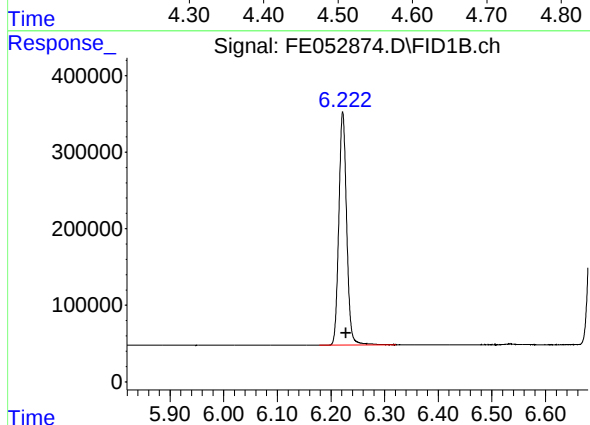
R.T.: 3.245 min
Delta R.T.: -0.007 min
Response: 2752305
Conc: 17.75 ug/ml

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20 PPM ALIPHATIC HC STD



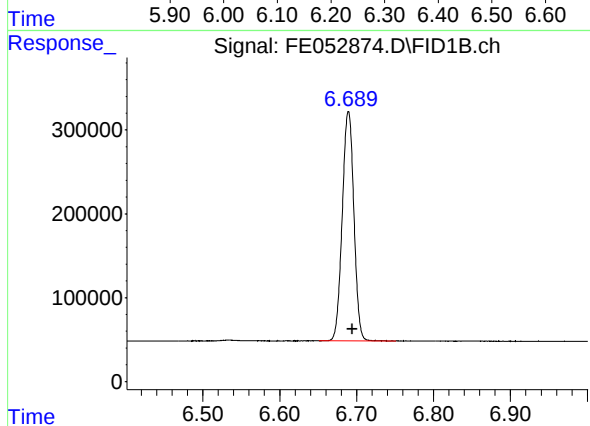
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.006 min
Response: 2878027
Conc: 18.32 ug/ml



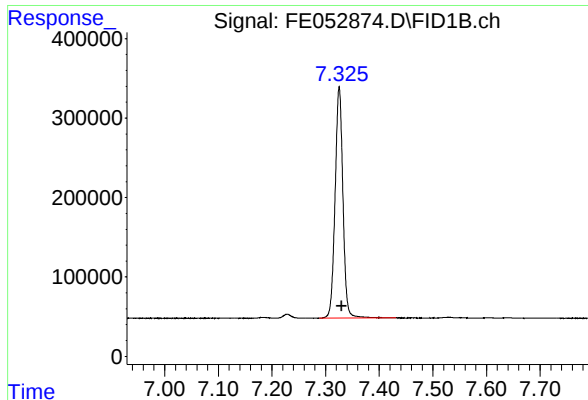
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 3082202
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

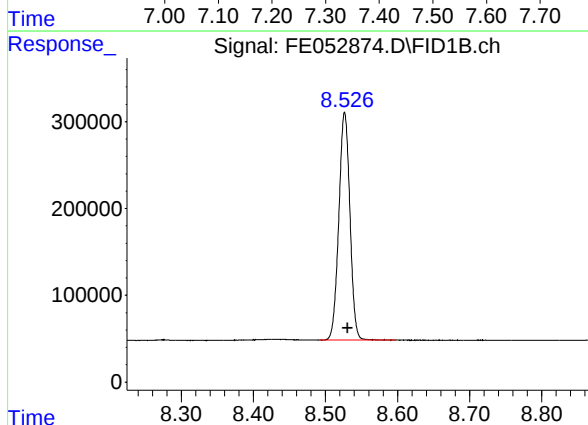
R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 2865024
Conc: 18.40 ug/ml



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

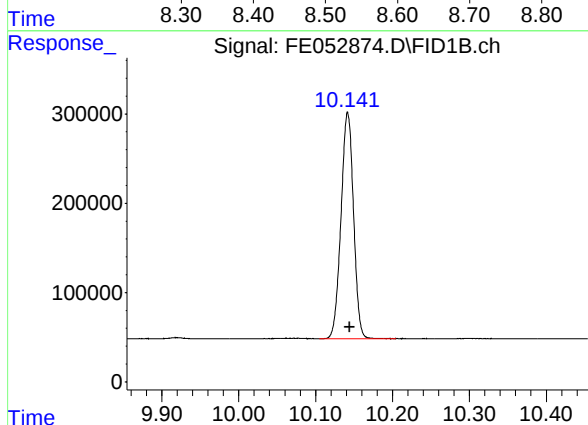
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 2957636
Conc: 18.25 ug/ml

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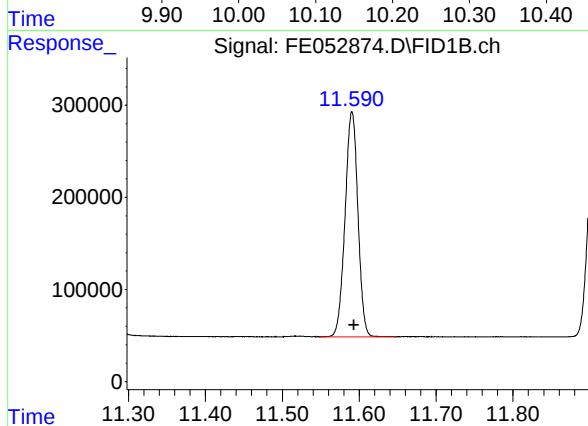
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.004 min
Response: 2808150
Conc: 18.56 ug/ml



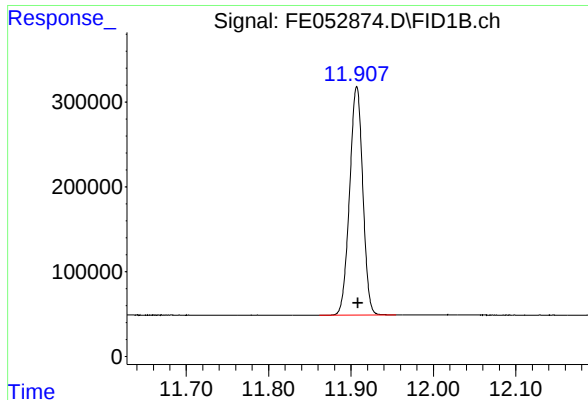
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.003 min
Response: 2857825
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

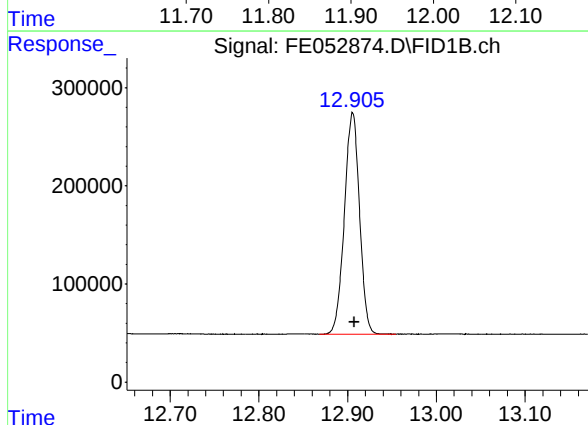
R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 2827544
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

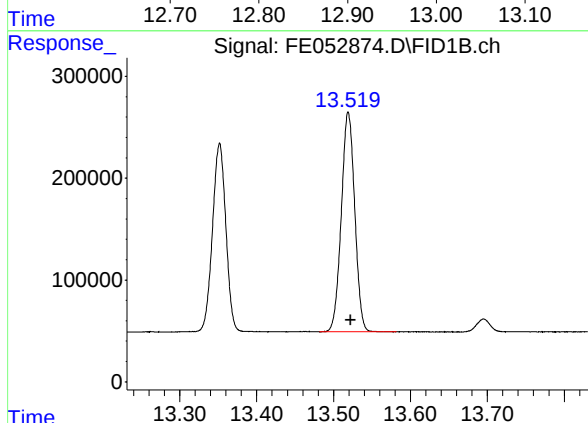
R.T.: 11.907 min
Delta R.T.: -0.002 min
Response: 2991875
Conc: 17.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



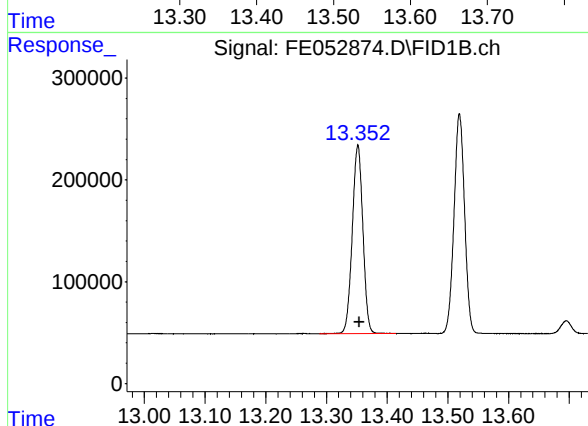
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.002 min
Response: 2673530
Conc: 18.42 ug/ml



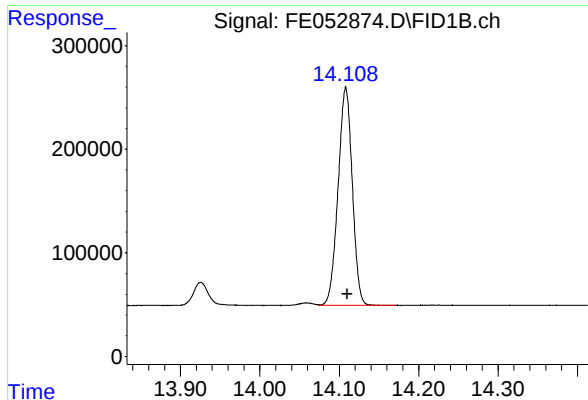
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.003 min
Response: 2610435
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

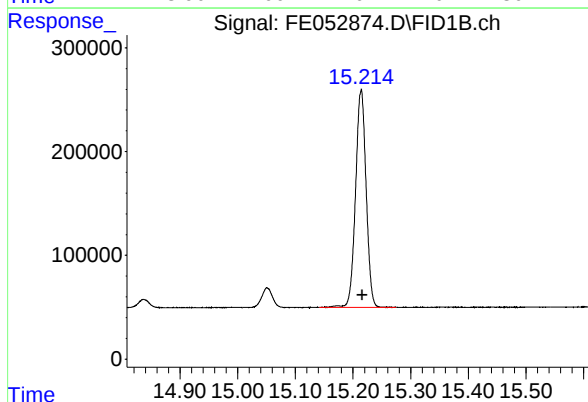
R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 2247634
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

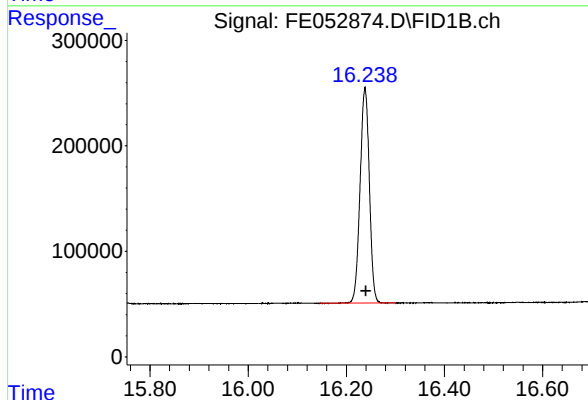
R.T.: 14.108 min
Delta R.T.: -0.002 min
Response: 2613899
Conc: 18.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



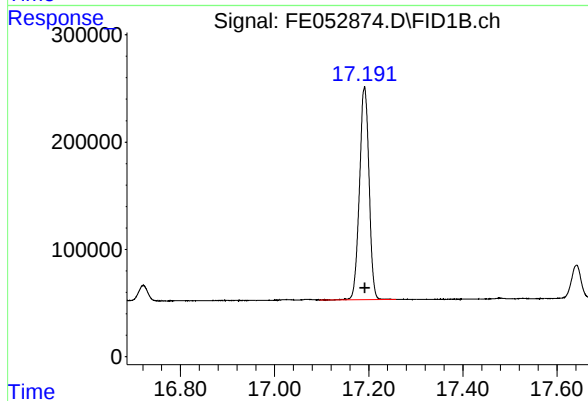
#14 n-Tetracosane (C24)

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 2672916
Conc: 18.68 ug/ml



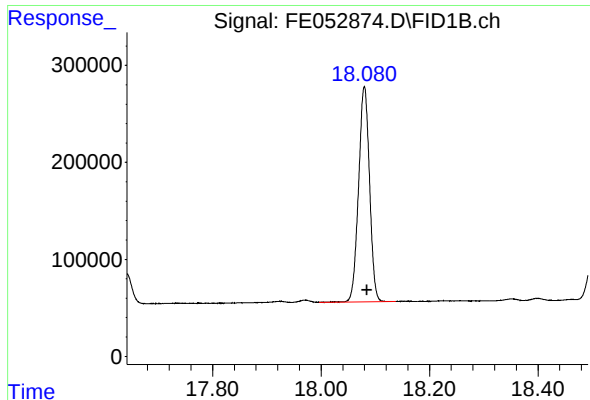
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 2676221
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

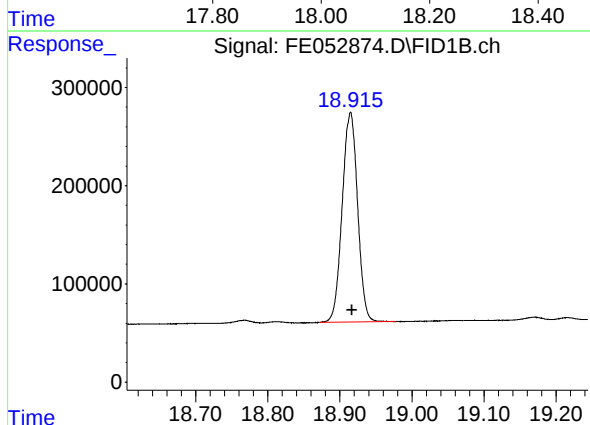
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 2794725
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

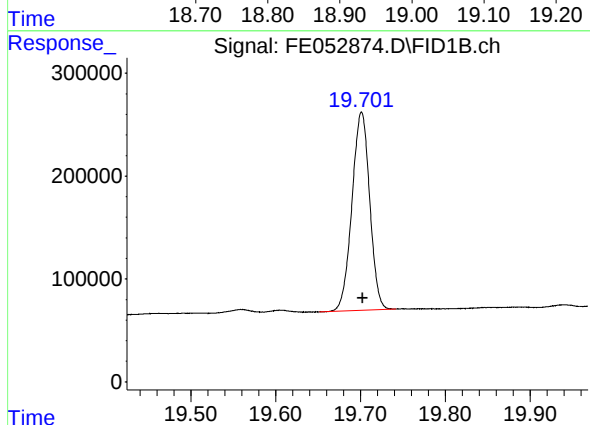
R.T.: 18.080 min
Delta R.T.: -0.005 min
Response: 3114292
Conc: 21.09 ug/ml

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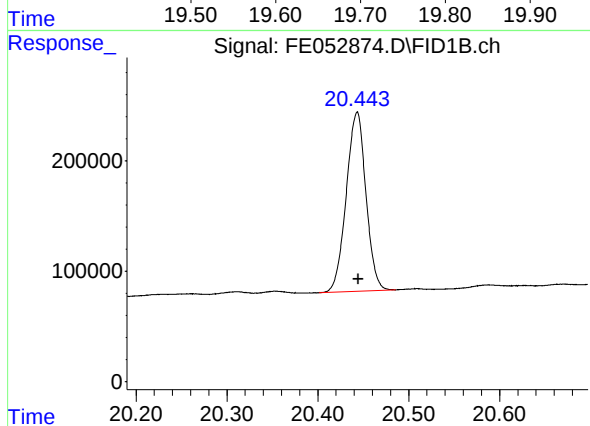
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.002 min
Response: 3182377
Conc: 21.92 ug/ml



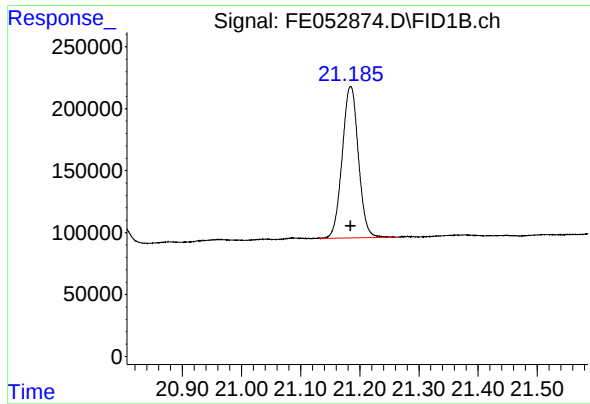
#19 n-Tetatriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.001 min
Response: 2796399
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

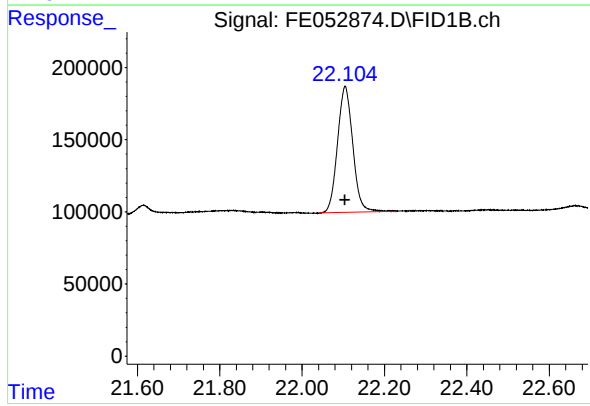
R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 2442977
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: 0.000 min
Response: 2319854
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: 0.000 min
Response: 2244141
Conc: 20.76 ug/ml