

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
 Data File : FE052511.D
 Signal(s) : FID1B.ch
 Acq On : 26 Feb 2025 11:47
 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: Feb 27 00:07:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.918	3349293	17.917 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
12) S 1-chlorooctadecane (S...	13.363	2485661	17.883 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T n-Nonane (C9)	3.254	3006547	19.587 ug/ml
2) T n-Decane (C10)	4.516	3090345	19.786 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3388607	19.613 ug/ml
4) T n-Dodecane (C12)	6.698	3089251	19.572 ug/ml
5) T A~2-methylnaphthalene...	7.333	3257841	19.398 ug/ml
6) T n-Tetradecane (C14)	8.536	3017717	19.158 ug/ml
7) T n-Hexadecane (C16)	10.152	3055166	18.693 ug/ml
8) T n-Octadecane (C18)	11.601	3028108	18.301 ug/ml
10) T n-Eicosane (C20)	12.916	2878985	18.059 ug/ml
11) T n-Heneicosane (C21)	13.531	2819121	17.994 ug/ml
13) T n-Docosane (C22)	14.120	2802138	17.905 ug/ml
14) T n-Tetracosane (C24)	15.226	2807156	17.849 ug/ml
15) T n-Hexacosane (C26)	16.251	2769243	17.879 ug/ml
16) T n-Octacosane (C28)	17.203	2817848	18.422 ug/ml
17) T n-Tricontane (C30)	18.092	3079628	19.729 ug/ml
18) T n-Dotriacontane (C32)	18.929	3300604	21.570 ug/ml
19) T n-Tetratriacontane (C34)	19.712	3031651	21.310 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2810748	22.551 ug/ml
21) T n-Octatriacontane (C38)	21.198	2466056	22.562 ug/ml
22) T n-Tetracontane (C40)	22.122	2477770	24.633 ug/ml

(f)=RT Delta > 1/2 Window

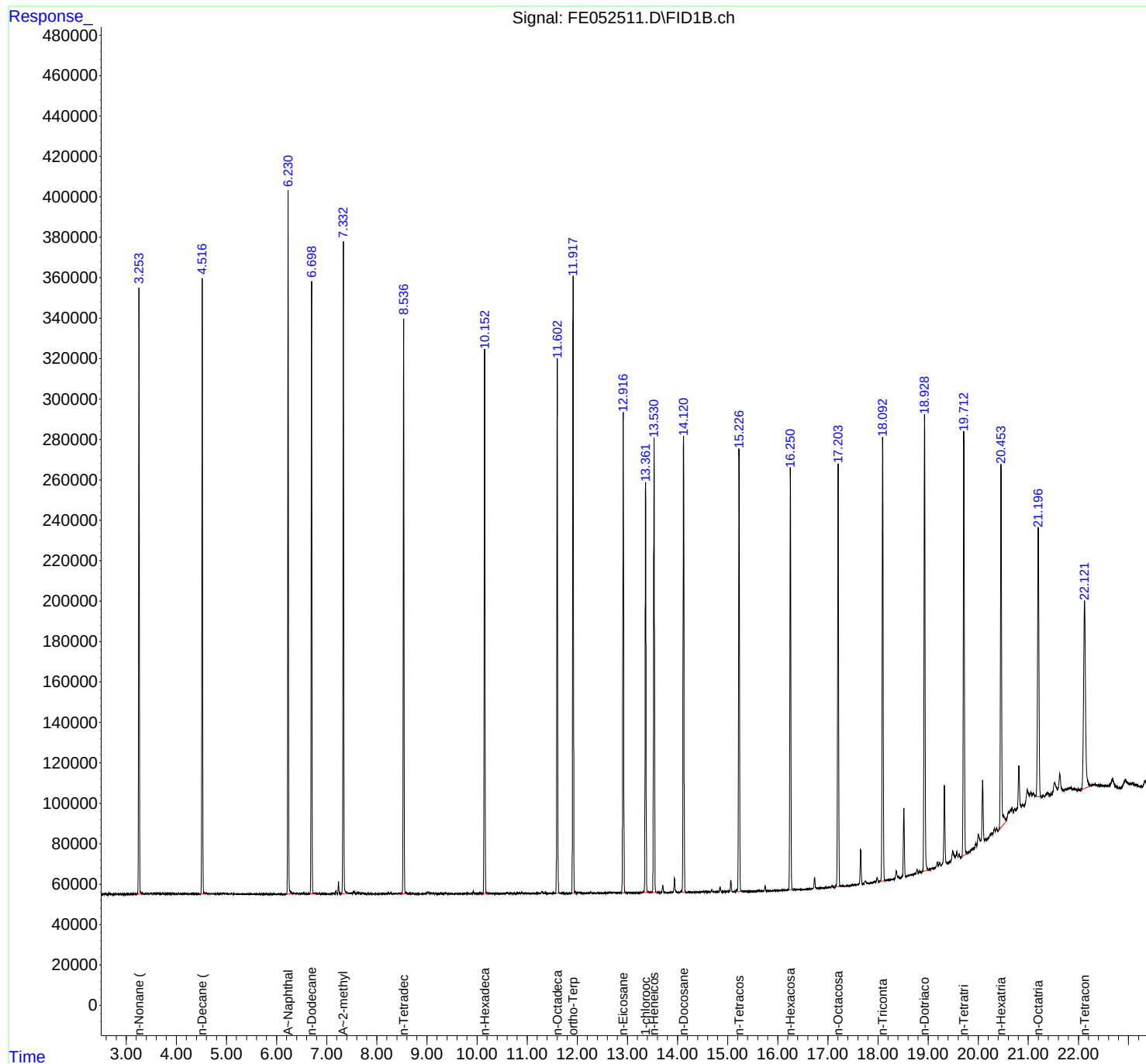
(m)=manual int.

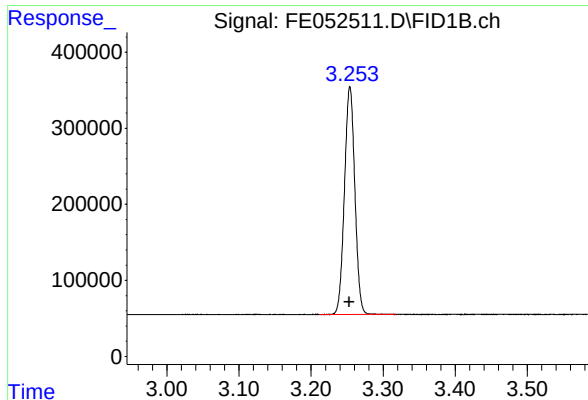
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022625AL\
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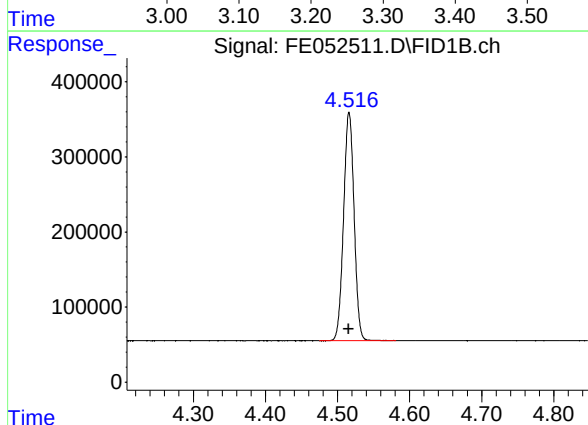




#1 n-Nonane (C9)

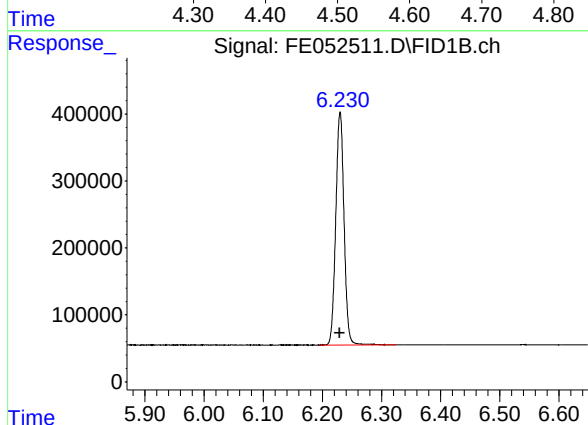
R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 3006547
Conc: 19.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



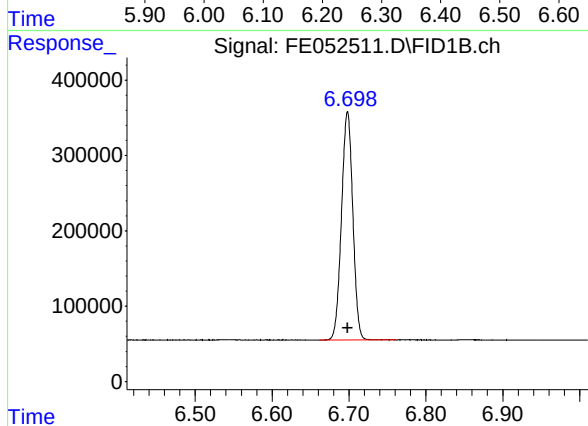
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3090345
Conc: 19.79 ug/ml



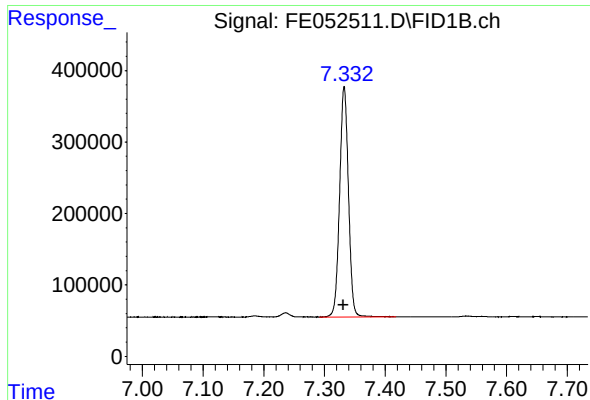
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 3388607
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

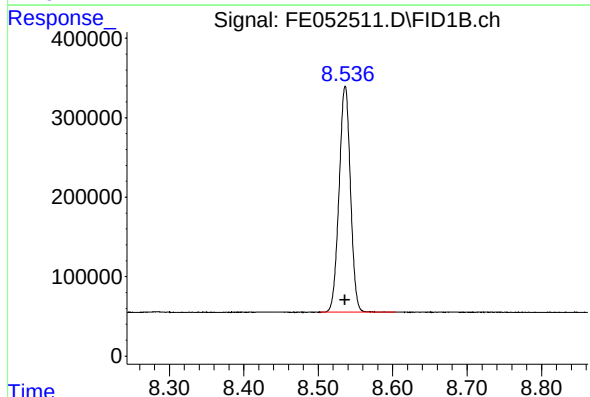
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3089251
Conc: 19.57 ug/ml



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

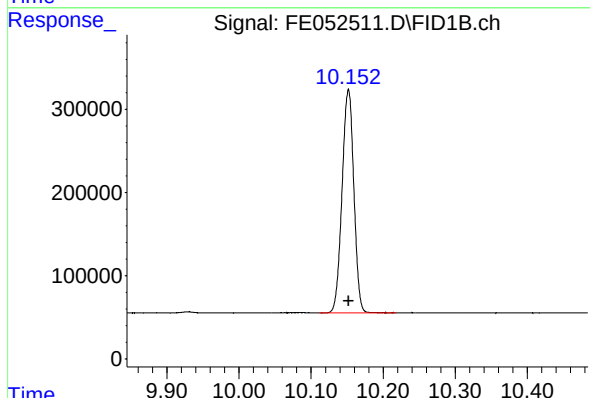
R.T.: 7.333 min
Delta R.T.: 0.001 min
Response: 3257841
Conc: 19.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



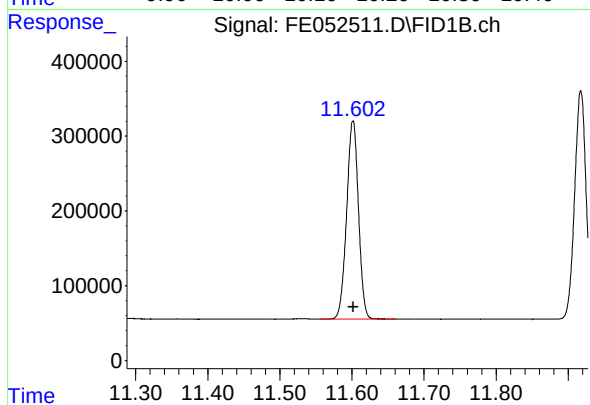
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3017717
Conc: 19.16 ug/ml



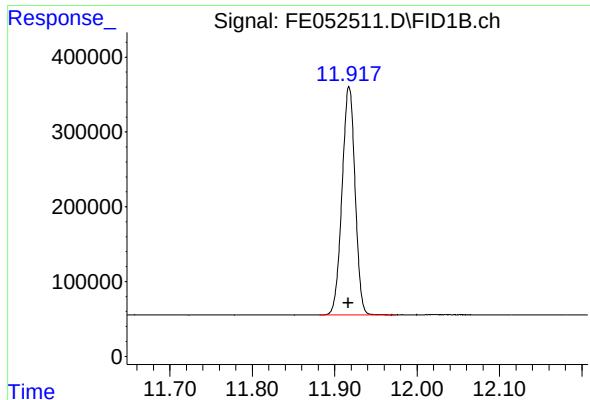
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 3055166
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

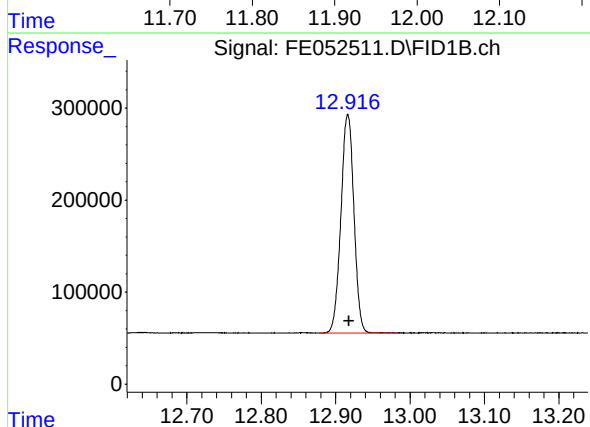
R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 3028108
Conc: 18.30 ug/ml



#9 ortho-Terphenyl (SURR)

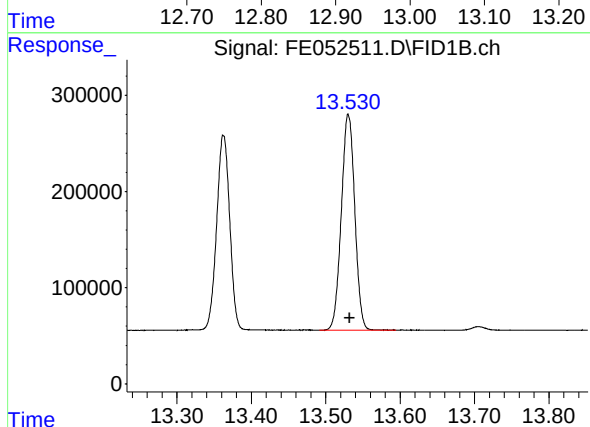
R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 3349293
Conc: 17.92 ug/ml

Instrument :
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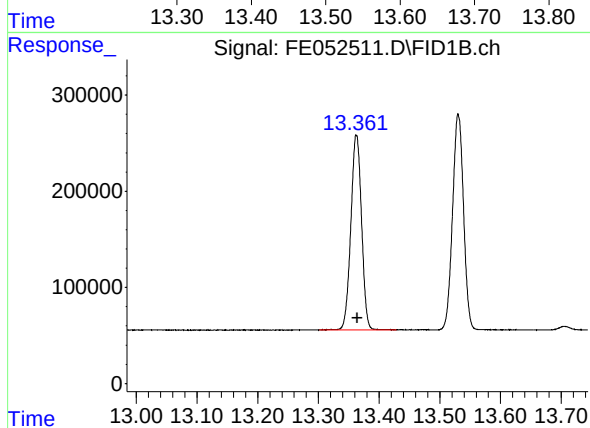
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.001 min
Response: 2878985
Conc: 18.06 ug/ml



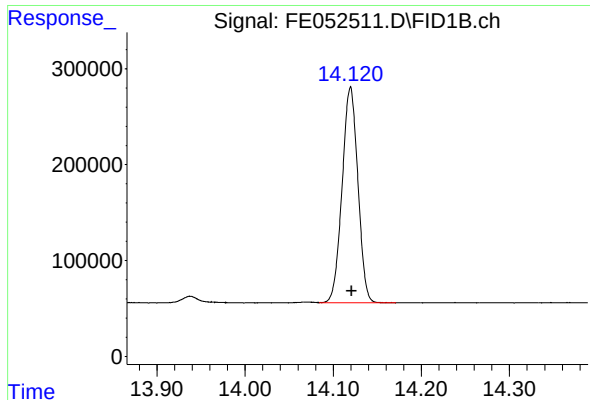
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.002 min
Response: 2819121
Conc: 17.99 ug/ml



#12 1-chlorooctadecane (SURR)

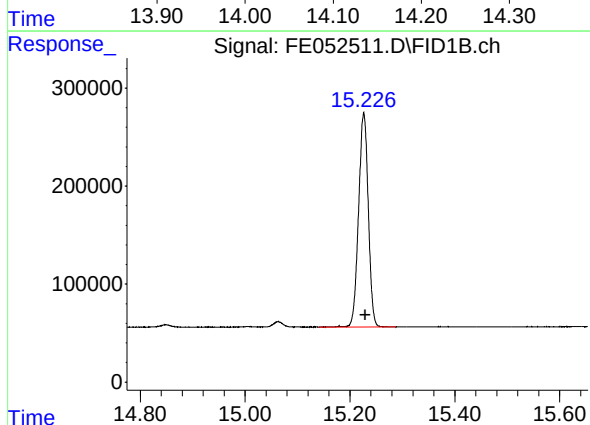
R.T.: 13.363 min
Delta R.T.: -0.001 min
Response: 2485661
Conc: 17.88 ug/ml



#13 n-Docosane (C22)

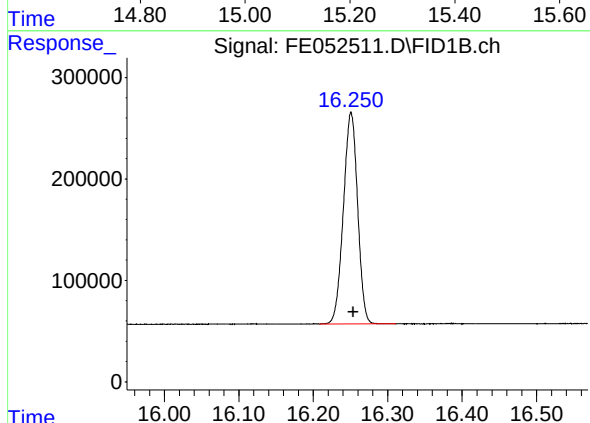
R.T.: 14.120 min
Delta R.T.: -0.002 min
Response: 2802138
Conc: 17.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



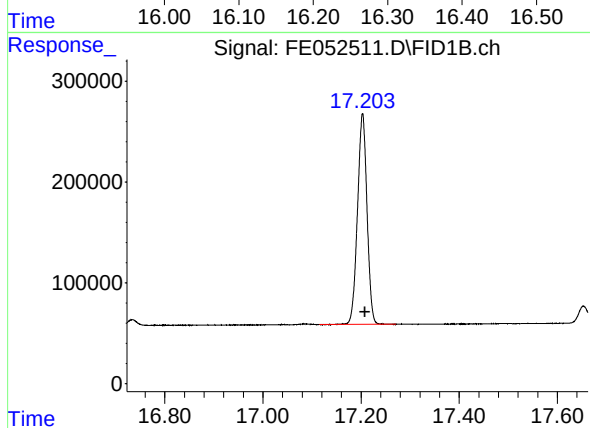
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.003 min
Response: 2807156
Conc: 17.85 ug/ml



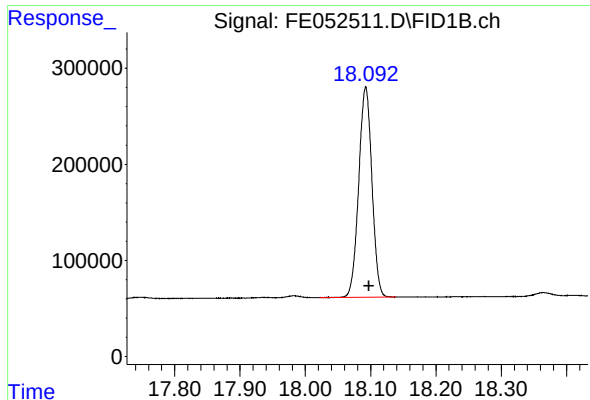
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 2769243
Conc: 17.88 ug/ml



#16 n-Octacosane (C28)

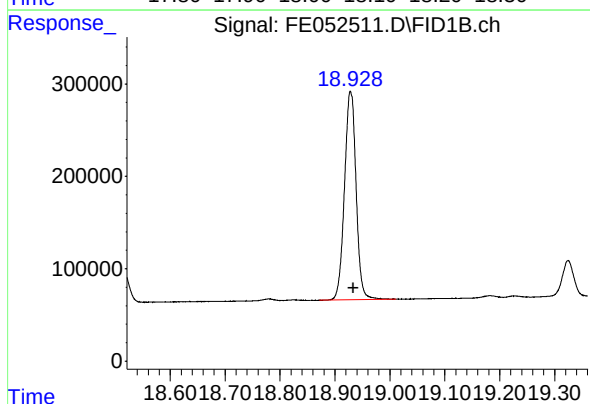
R.T.: 17.203 min
Delta R.T.: -0.004 min
Response: 2817848
Conc: 18.42 ug/ml



#17 n-Tricontane (C30)

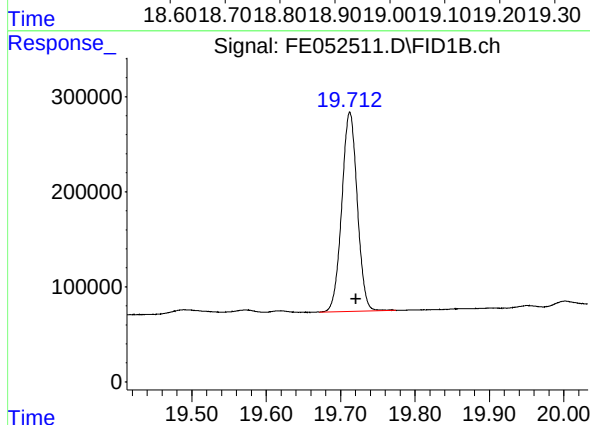
R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 3079628
Conc: 19.73 ug/ml

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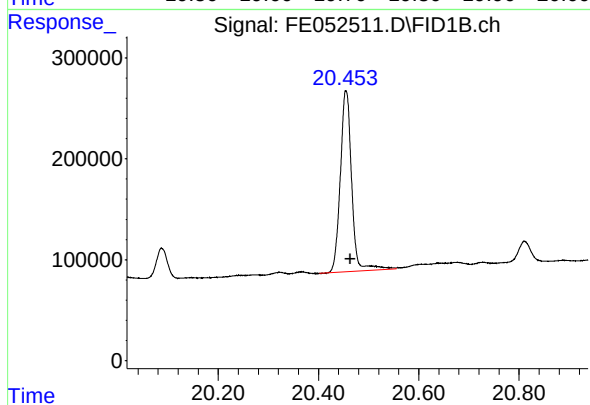
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 3300604
Conc: 21.57 ug/ml



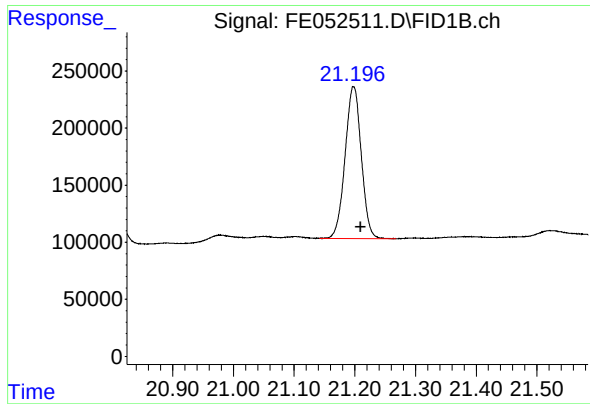
#19 n-Tetatriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.008 min
Response: 3031651
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

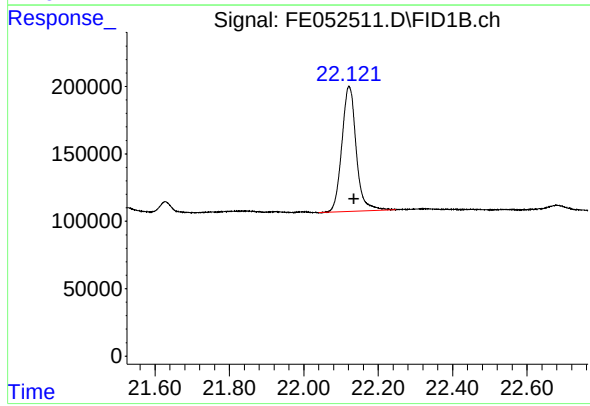
R.T.: 20.455 min
Delta R.T.: -0.009 min
Response: 2810748
Conc: 22.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.012 min
Response: 2466056
Conc: 22.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.013 min
Response: 2477770
Conc: 24.63 ug/ml