

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041567.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2023 10:51
 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: Apr 28 03:51:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.978	3787369	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.415	2802790	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.356	3138315	21.350 ug/ml
2) T n-Decane (C10)	4.610	3226871	21.515 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3549544	21.449 ug/ml
4) T n-Dodecane (C12)	6.777	3263907	21.467 ug/ml
5) T A~2-methylnaphthalene...	7.411	3452027	21.408 ug/ml
6) T n-Tetradecane (C14)	8.607	3251609	21.406 ug/ml
7) T n-Hexadecane (C16)	10.215	3360050	21.055 ug/ml
8) T n-Octadecane (C18)	11.660	3388698	20.674 ug/ml
10) T n-Eicosane (C20)	12.970	3238963	20.137 ug/ml
11) T n-Heneicosane (C21)	13.582	3171190	19.898 ug/ml
13) T n-Docosane (C22)	14.168	3138934	19.701 ug/ml
14) T n-Tetracosane (C24)	15.271	3081680	19.115 ug/ml
15) T n-Hexacosane (C26)	16.293	2974313	18.813 ug/ml
16) T n-Octacosane (C28)	17.242	2874975	18.684 ug/ml
17) T n-Tricontane (C30)	18.130	2890573	18.979 ug/ml
18) T n-Dotriacontane (C32)	18.963	2826405	18.972 ug/ml
19) T n-Tetratriacontane (C34)	19.747	2752630	19.539 ug/ml
20) T n-Hexatriacontane (C36)	20.487	2684452	20.074 ug/ml
21) T n-Octatriacontane (C38)	21.241	2738329	20.724 ug/ml
22) T n-Tetracontane (C40)	22.180	2811680	22.207 ug/ml

(f)=RT Delta > 1/2 Window

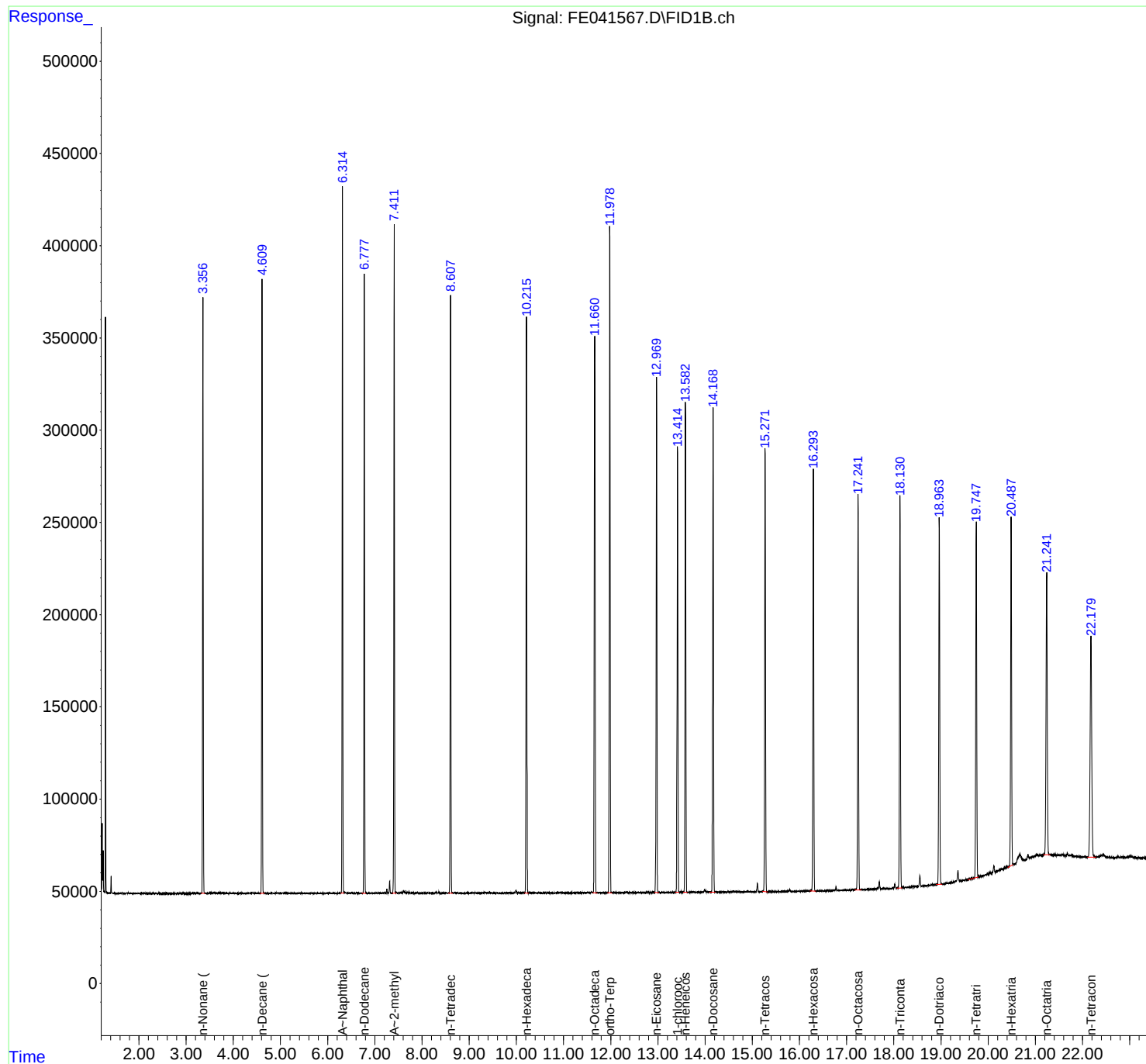
(m)=manual int.

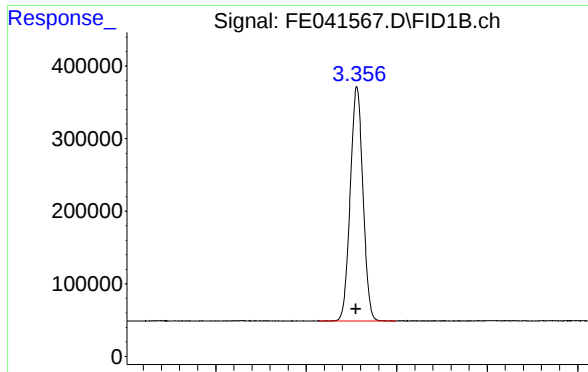
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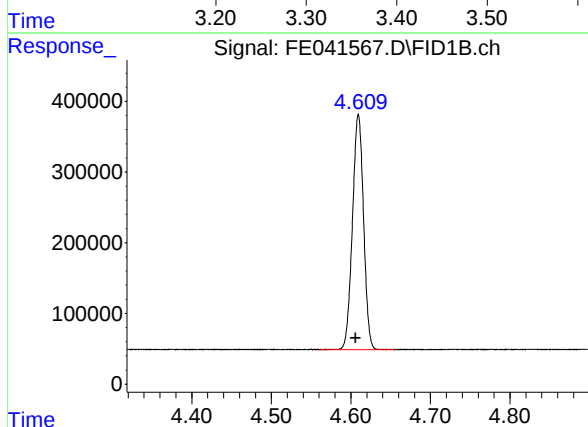




#1 n-Nonane (C9)

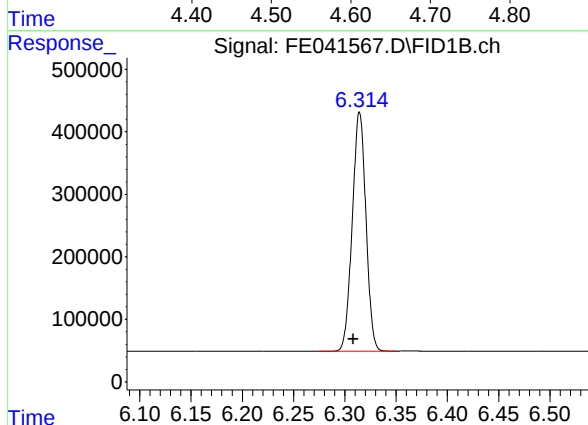
R.T.: 3.356 min
Delta R.T.: 0.001 min
Response: 3138315
Conc: 21.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



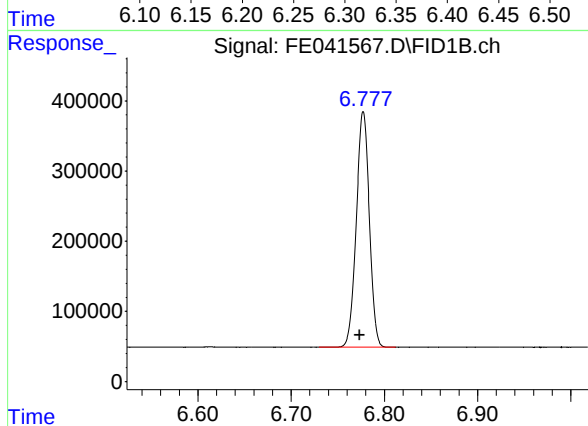
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.004 min
Response: 3226871
Conc: 21.52 ug/ml



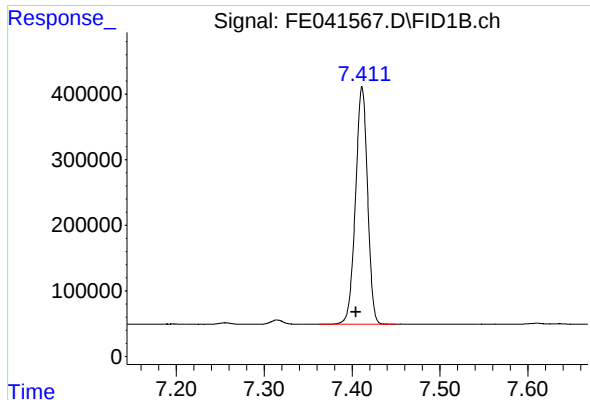
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 3549544
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

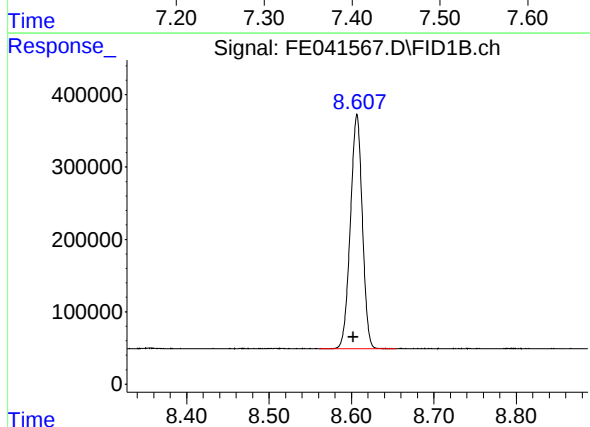
R.T.: 6.777 min
Delta R.T.: 0.004 min
Response: 3263907
Conc: 21.47 ug/ml



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

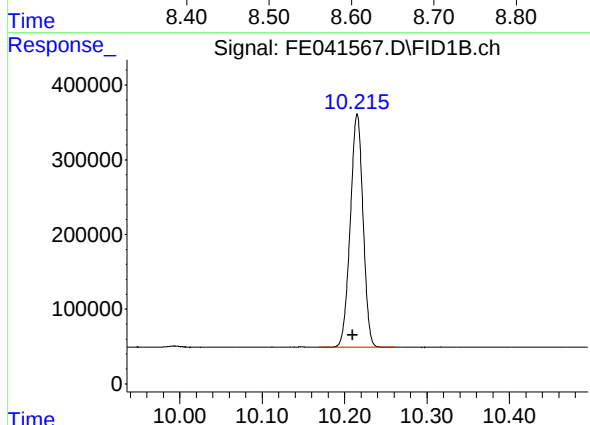
R.T.: 7.411 min
Delta R.T.: 0.007 min
Response: 3452027
Conc: 21.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



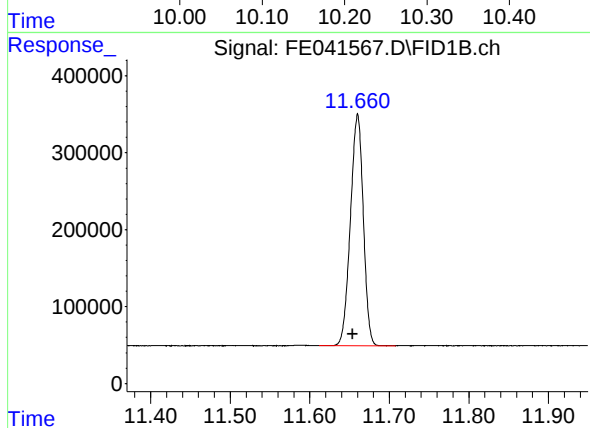
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.004 min
Response: 3251609
Conc: 21.41 ug/ml



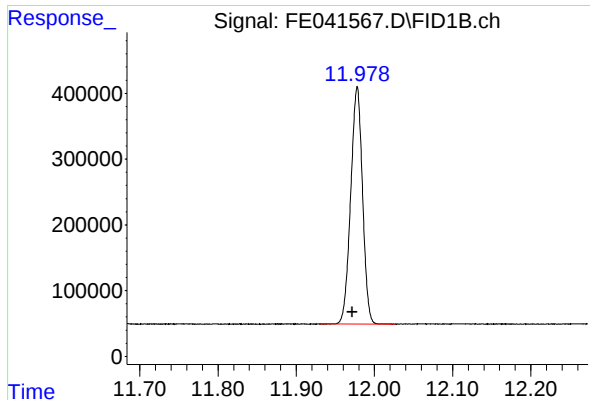
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.005 min
Response: 3360050
Conc: 21.06 ug/ml



#8 n-Octadecane (C18)

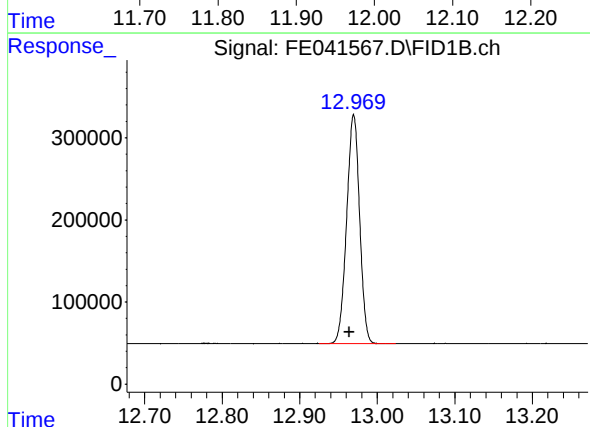
R.T.: 11.660 min
Delta R.T.: 0.006 min
Response: 3388698
Conc: 20.67 ug/ml



#9 ortho-Terphenyl (SURR)

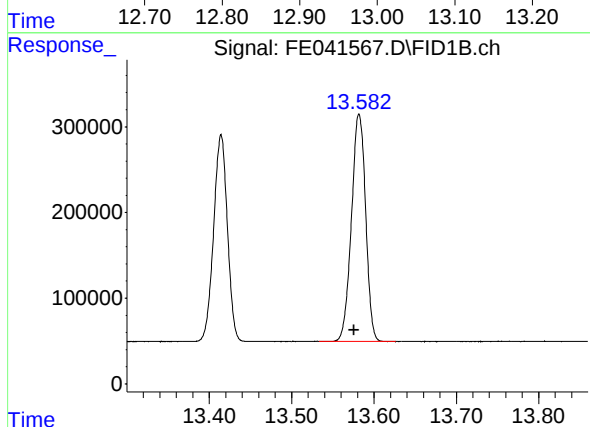
R.T.: 11.978 min
Delta R.T.: 0.006 min
Response: 3787369
Conc: 20.19 ug/ml

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20 PPM ALIPHATIC HC STD



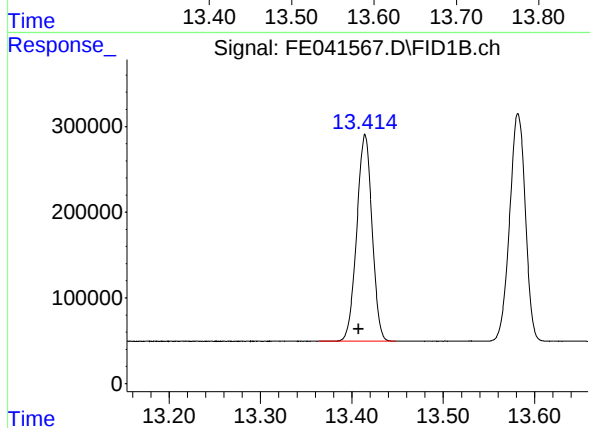
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.006 min
Response: 3238963
Conc: 20.14 ug/ml



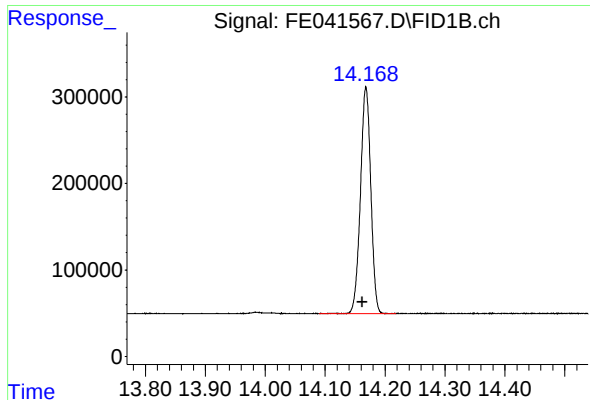
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.006 min
Response: 3171190
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

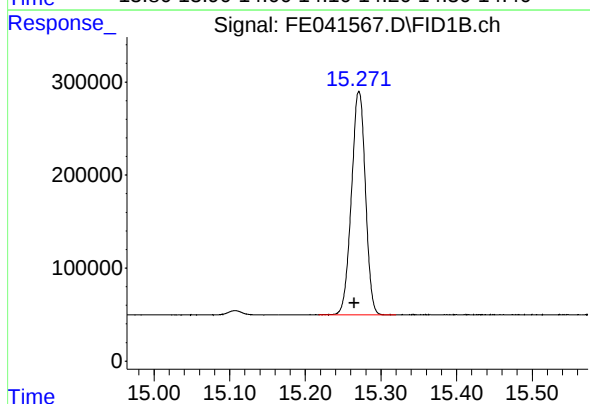
R.T.: 13.415 min
Delta R.T.: 0.007 min
Response: 2802790
Conc: 19.84 ug/ml



#13 n-Docosane (C22)

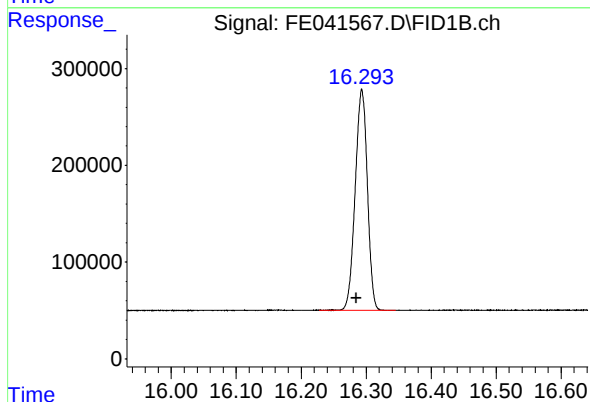
R.T.: 14.168 min
Delta R.T.: 0.006 min
Response: 3138934
Conc: 19.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



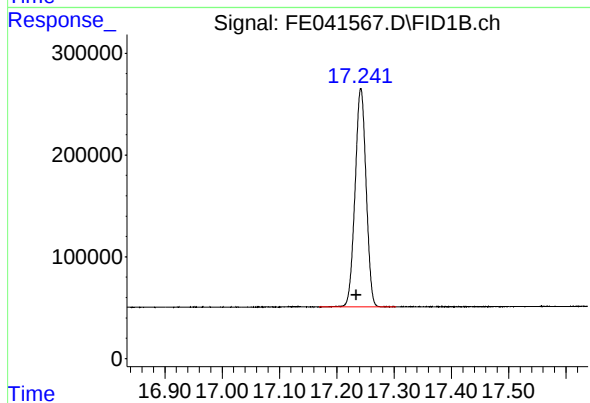
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.006 min
Response: 3081680
Conc: 19.11 ug/ml



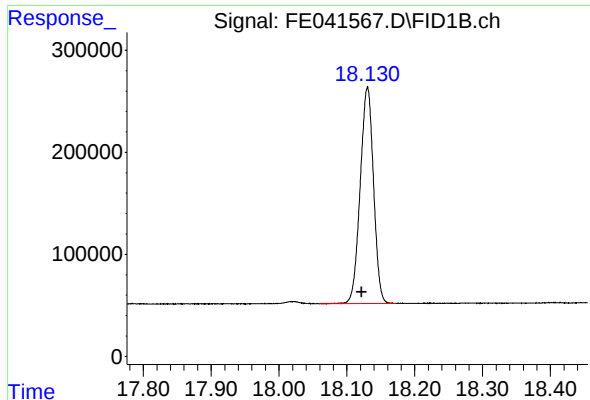
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.009 min
Response: 2974313
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

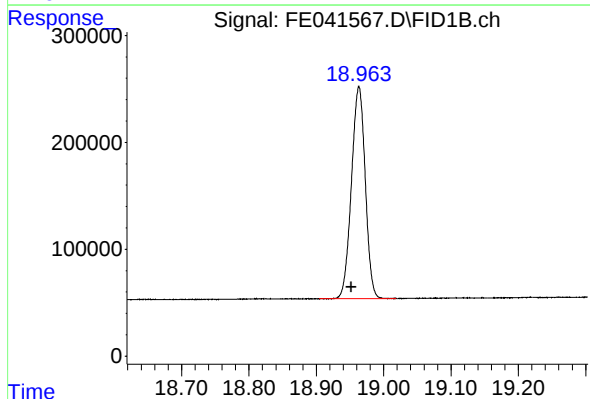
R.T.: 17.242 min
Delta R.T.: 0.008 min
Response: 2874975
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

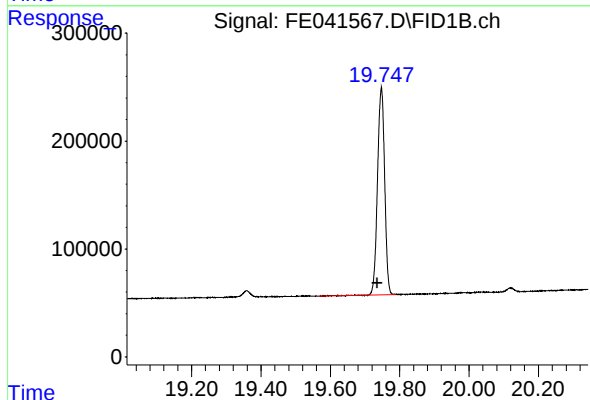
R.T.: 18.130 min
Delta R.T.: 0.009 min
Response: 2890573
Conc: 18.98 ug/ml

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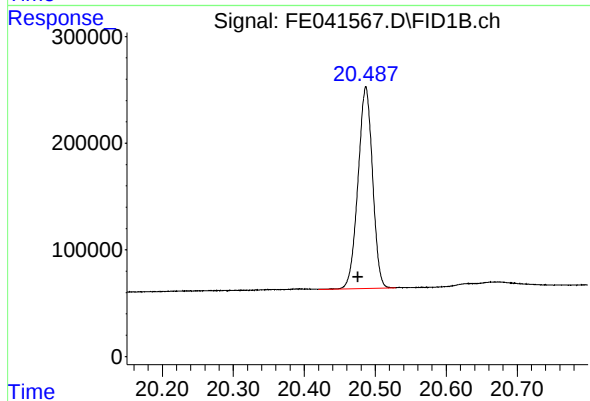
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: 0.011 min
Response: 2826405
Conc: 18.97 ug/ml



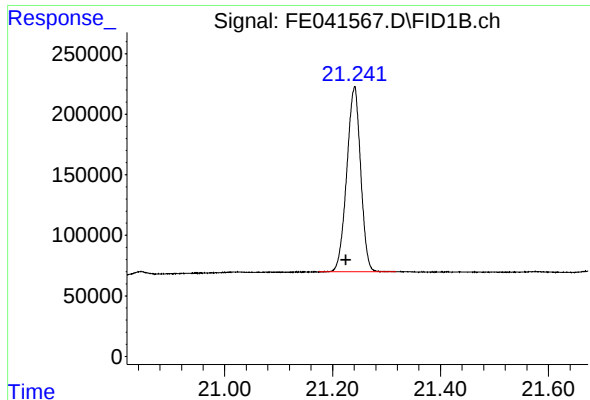
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.011 min
Response: 2752630
Conc: 19.54 ug/ml



#20 n-Hexatriacontane (C36)

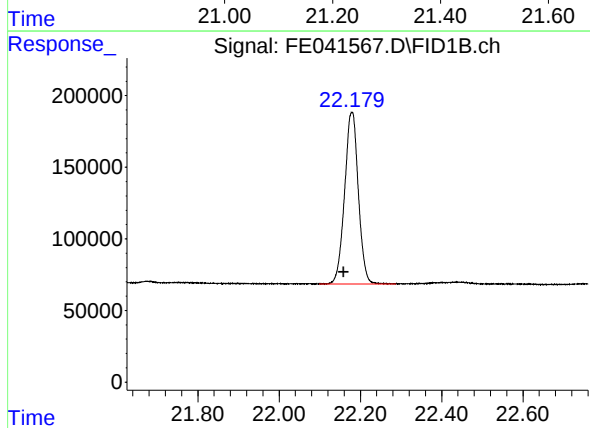
R.T.: 20.487 min
Delta R.T.: 0.011 min
Response: 2684452
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: 0.016 min
Response: 2738329
Conc: 20.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: 0.021 min
Response: 2811680
Conc: 22.21 ug/ml