

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111224AL\
 Data File : FE051171.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2024 12:35
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 13 02:49:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.849	2969684	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
12) S 1-chlorooctadecane (S...	13.282	2240117	19.731 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.237	2922515	21.121 ug/ml
2) T n-Decane (C10)	4.488	2986754	21.307 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2770798	21.015 ug/ml
4) T n-Dodecane (C12)	6.655	2969916	21.034 ug/ml
5) T A~2-methylnaphthalene...	7.296	2615826	20.911 ug/mlm
6) T n-Tetradecane (C14)	8.482	2870830	20.600 ug/ml
7) T n-Hexadecane (C16)	10.087	2881269	20.304 ug/ml
8) T n-Octadecane (C18)	11.528	2863117	20.049 ug/ml
10) T n-Eicosane (C20)	12.835	2716904	19.852 ug/ml
11) T n-Heneicosane (C21)	13.446	2650026	19.829 ug/ml
13) T n-Docosane (C22)	14.032	2628893	19.774 ug/ml
14) T n-Tetracosane (C24)	15.133	2678105	20.188 ug/ml
15) T n-Hexacosane (C26)	16.152	2709570	20.240 ug/ml
16) T n-Octacosane (C28)	17.101	2781261	20.401 ug/ml
17) T n-Tricontane (C30)	17.988	2961185	20.382 ug/ml
18) T n-Dotriacontane (C32)	18.819	2992783	20.156 ug/ml
19) T n-Tetratriacontane (C34)	19.602	2702537	20.113 ug/ml
20) T n-Hexatriacontane (C36)	20.341	2383119	19.973 ug/ml
21) T n-Octatriacontane (C38)	21.066	2205762	19.380 ug/ml
22) T n-Tetracontane (C40)	21.946	1973954	17.748 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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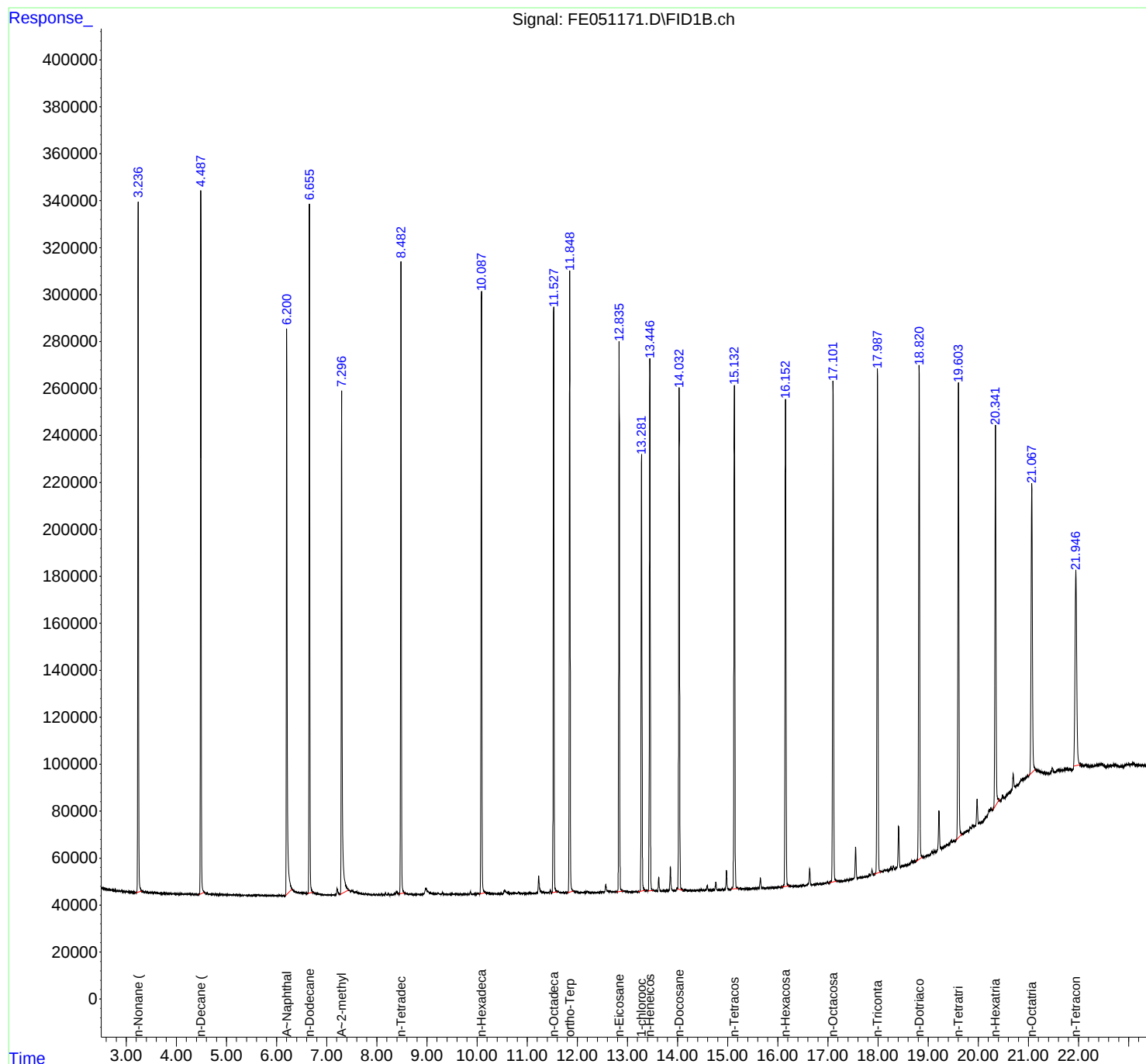
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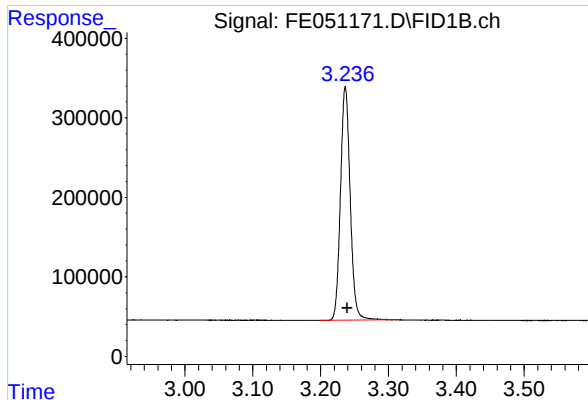
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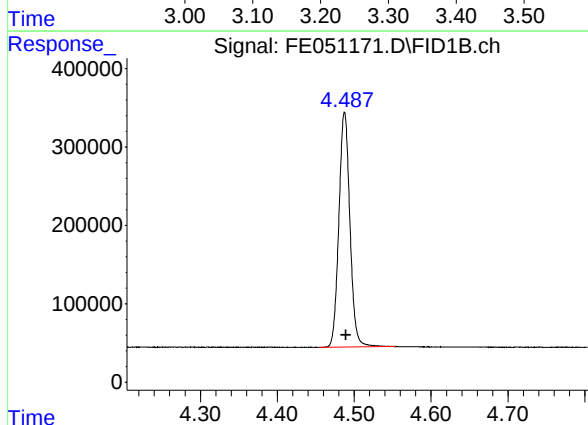
#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 2922515
Conc: 21.12 ug/ml

Instrument :
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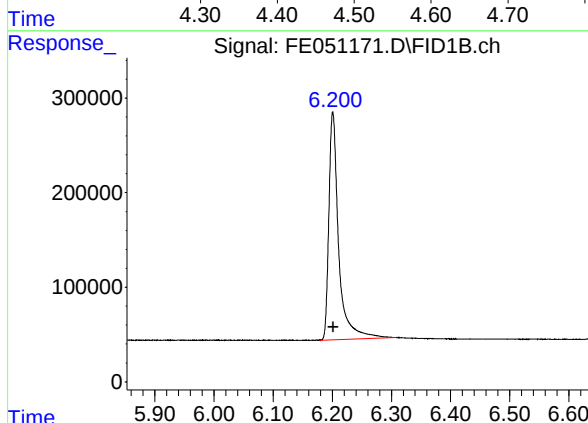
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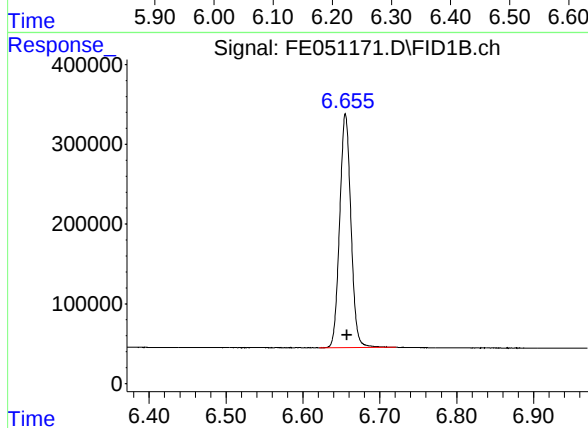
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2986754
Conc: 21.31 ug/ml



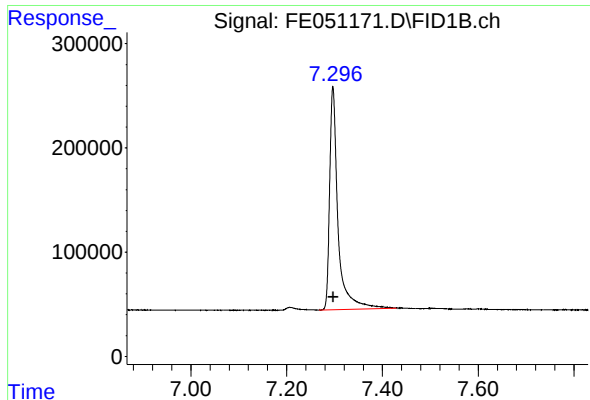
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 2770798
Conc: 21.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.002 min
Response: 2969916
Conc: 21.03 ug/ml



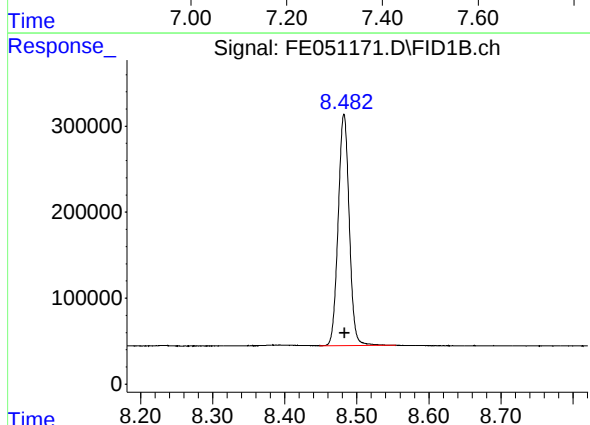
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 2615826
Conc: 20.91 ug/ml

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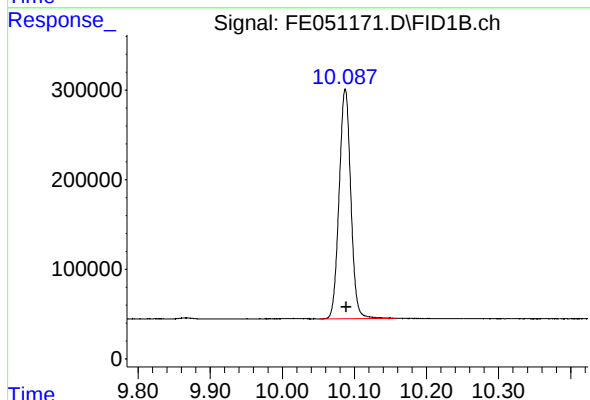
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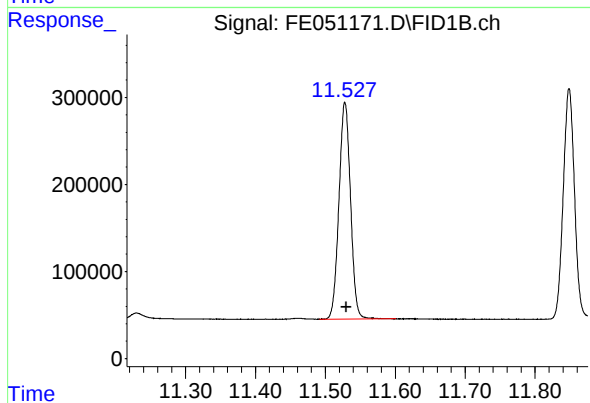
#6 n-Tetradecane (C14)

R.T.: 8.482 min
Delta R.T.: -0.001 min
Response: 2870830
Conc: 20.60 ug/ml



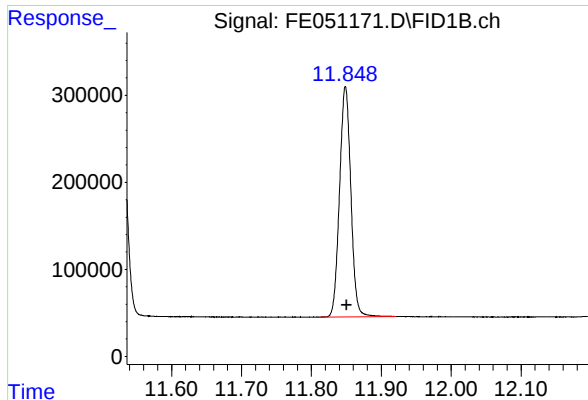
#7 n-Hexadecane (C16)

R.T.: 10.087 min
Delta R.T.: -0.001 min
Response: 2881269
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 2863117
Conc: 20.05 ug/ml



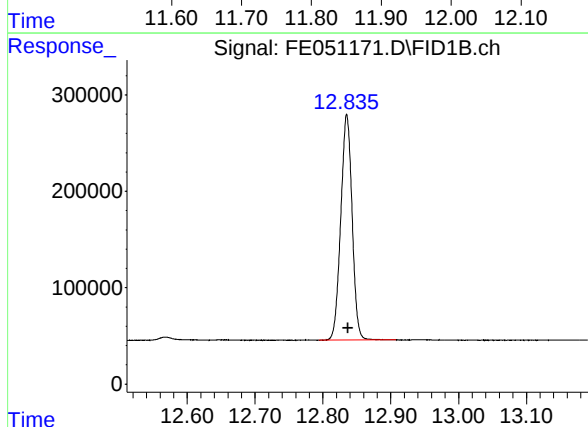
#9 ortho-Terphenyl (SURR)

R.T.: 11.849 min
Delta R.T.: -0.002 min
Response: 2969684
Conc: 19.79 ug/ml

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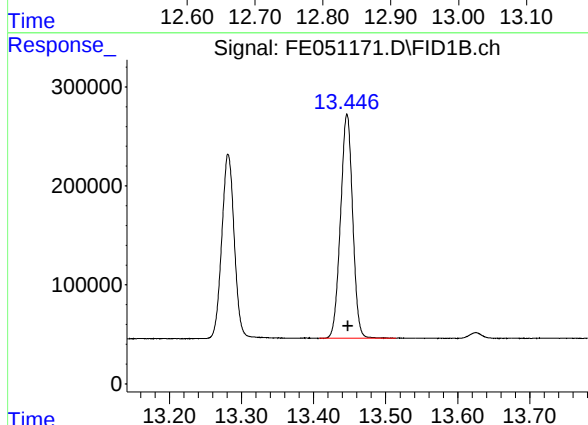
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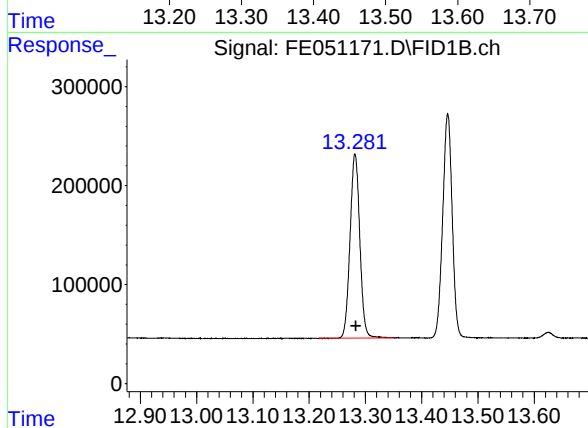
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.002 min
Response: 2716904
Conc: 19.85 ug/ml



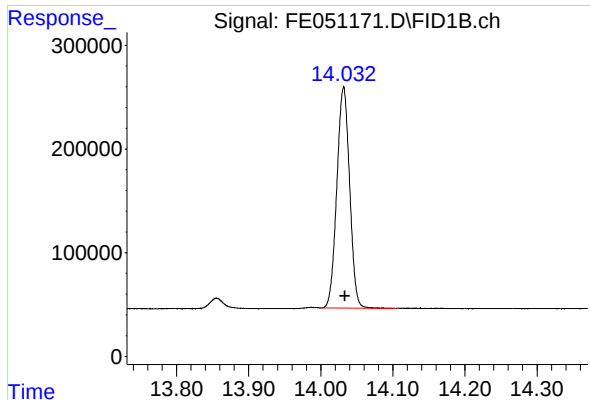
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.001 min
Response: 2650026
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.001 min
Response: 2240117
Conc: 19.73 ug/ml



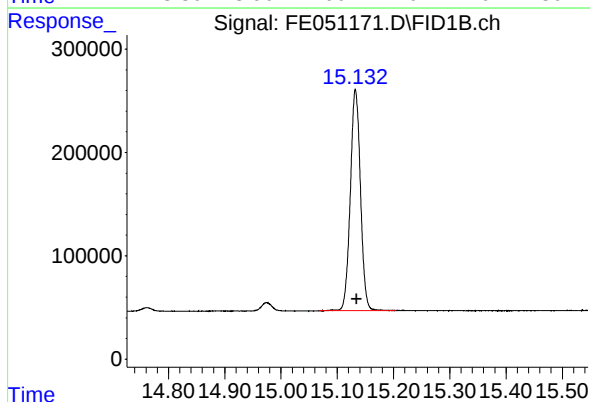
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.002 min
Response: 2628893
Conc: 19.77 ug/ml

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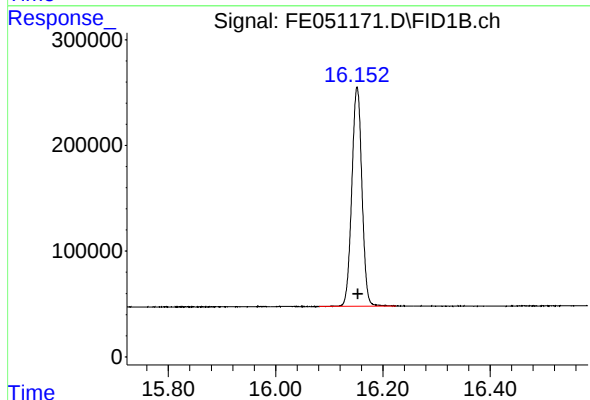
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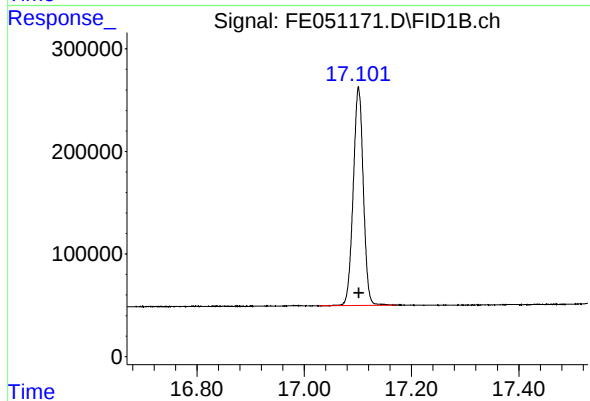
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.002 min
Response: 2678105
Conc: 20.19 ug/ml



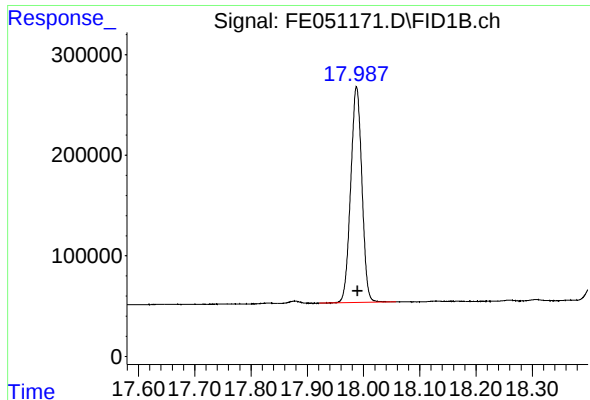
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.002 min
Response: 2709570
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: 0.000 min
Response: 2781261
Conc: 20.40 ug/ml



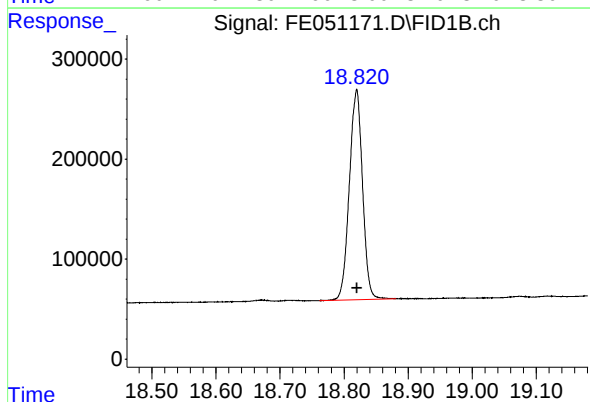
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.001 min
Response: 2961185
Conc: 20.38 ug/ml

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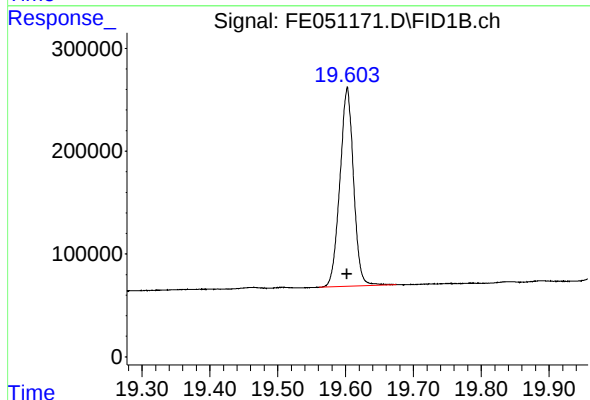
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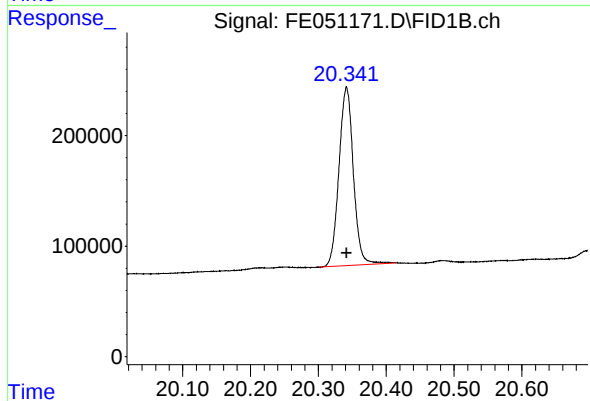
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 2992783
Conc: 20.16 ug/ml



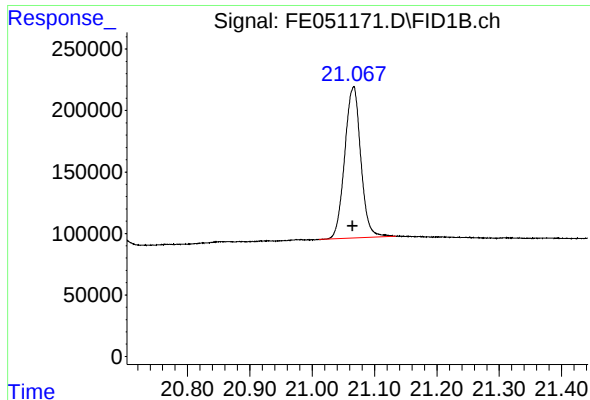
#19 n-Tetratriacontane (C34)

R.T.: 19.602 min
Delta R.T.: 0.000 min
Response: 2702537
Conc: 20.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.341 min
Delta R.T.: 0.000 min
Response: 2383119
Conc: 19.97 ug/ml



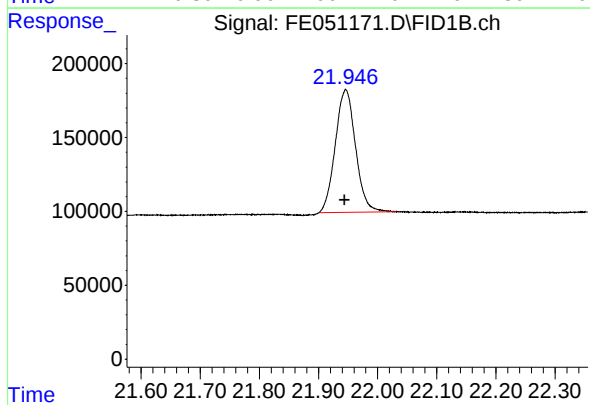
#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: 0.001 min
Response: 2205762
Conc: 19.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: 0.002 min
Response: 1973954
Conc: 17.75 ug/ml