

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111824AL\
 Data File : FE051307.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2024 12:52
 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 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File: autoint1.e
 Quant Time: Nov 19 02:49:04 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)	11.852	3256048	21.693 ug/ml
Spiked Amount 50.000		Recovery =	43.39%
12) S 1-chlorooctadecane (S...	13.285	2451505	21.593 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
Target Compounds			
1) T n-Nonane (C9)	3.238	3211966	23.213 ug/ml
2) T n-Decane (C10)	4.488	3246109	23.157 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3024413	22.938 ug/ml
4) T n-Dodecane (C12)	6.656	3222743	22.824 ug/ml
5) T A~2-methylnaphthalene...	7.298	2789916	22.303 ug/ml
6) T n-Tetradecane (C14)	8.483	3121089	22.395 ug/ml
7) T n-Hexadecane (C16)	10.088	3125896	22.028 ug/ml
8) T n-Octadecane (C18)	11.530	3129590	21.915 ug/mlm
10) T n-Eicosane (C20)	12.838	2985304	21.814 ug/ml
11) T n-Heneicosane (C21)	13.449	2913925	21.804 ug/ml
13) T n-Docosane (C22)	14.035	2985948	22.459 ug/ml
14) T n-Tetracosane (C24)	15.137	3044845	22.953 ug/ml
15) T n-Hexacosane (C26)	16.156	3078329	22.995 ug/ml
16) T n-Octacosane (C28)	17.105	3141886	23.046 ug/ml
17) T n-Tricontane (C30)	17.992	3242493	22.318 ug/ml
18) T n-Dotriacontane (C32)	18.824	3242185	21.836 ug/ml
19) T n-Tetratriacontane (C34)	19.607	2904576	21.617 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2461283	20.628 ug/ml
21) T n-Octatriacontane (C38)	21.070	2123806	18.660 ug/ml
22) T n-Tetracontane (C40)	21.951	1850943	16.642 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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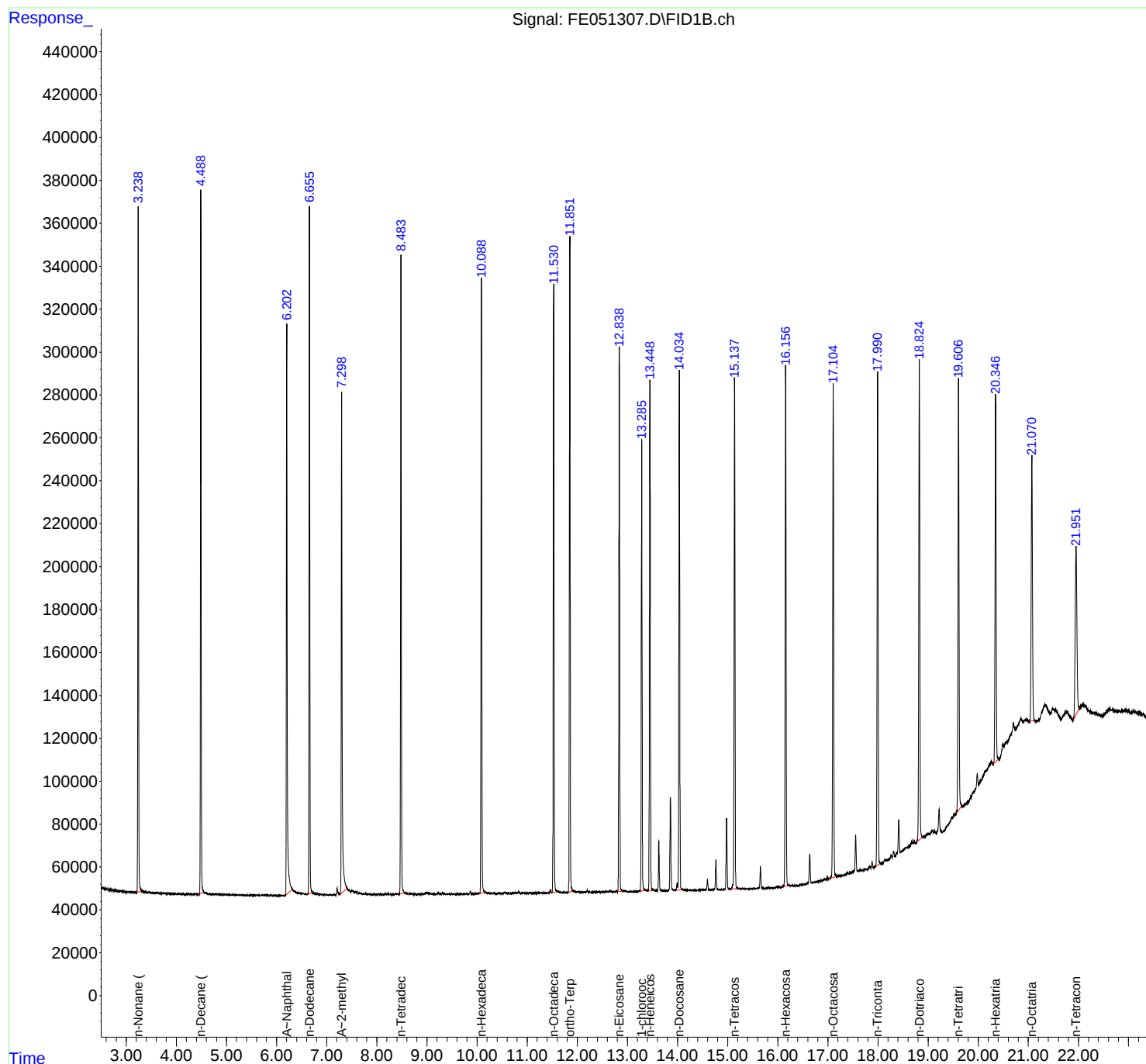
Instrument :
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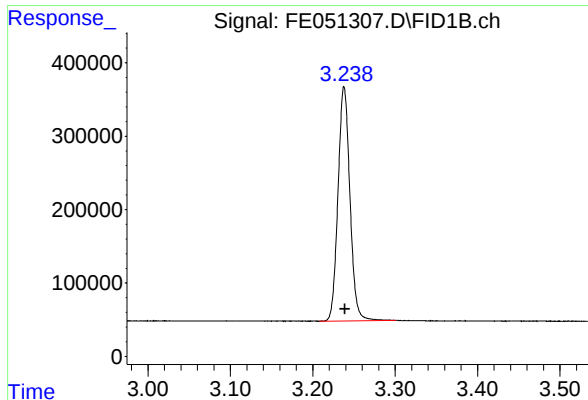
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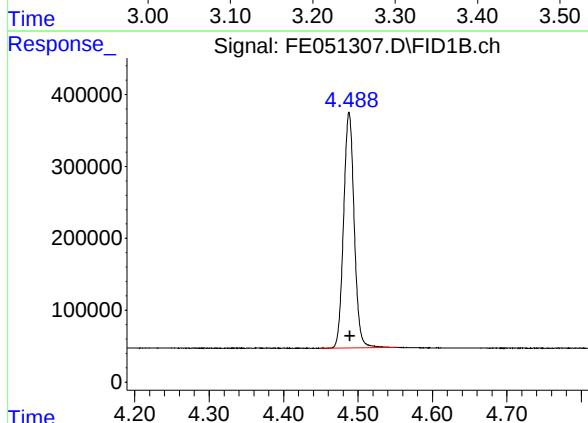
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: 0.000 min
Response: 3211966
Conc: 23.21 ug/ml

Instrument :
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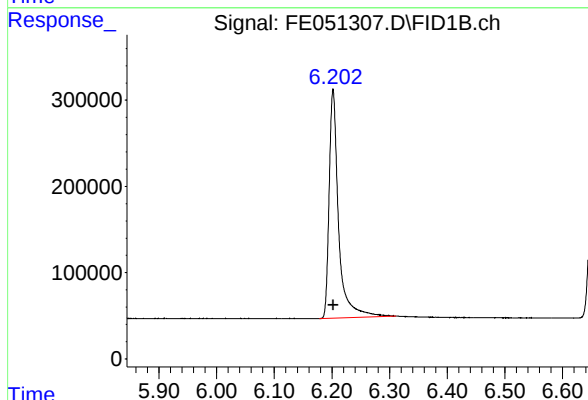
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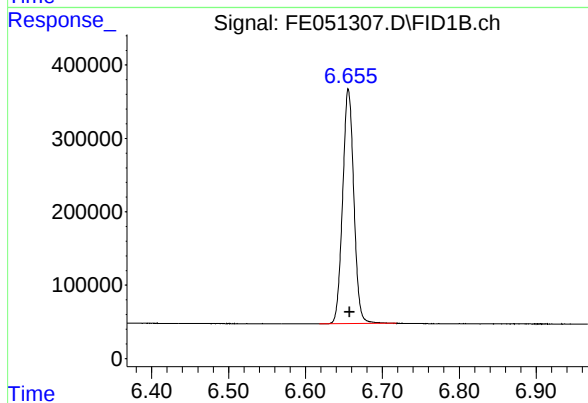
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 3246109
Conc: 23.16 ug/ml



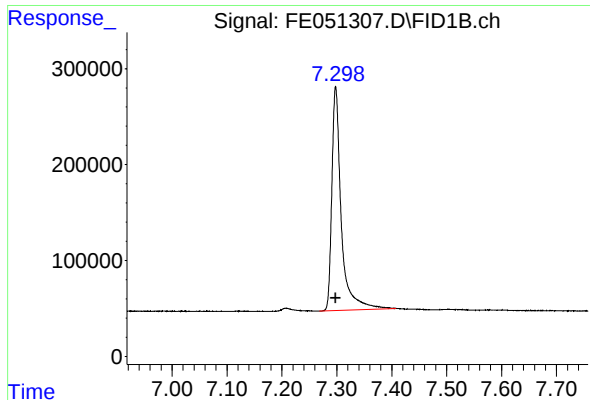
#3 n-Undecane (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 3024413
Conc: 22.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 3222743
Conc: 22.82 ug/ml



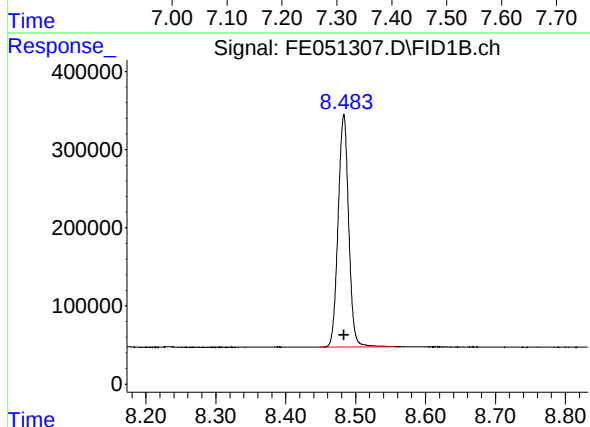
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 2789916
Conc: 22.30 ug/ml

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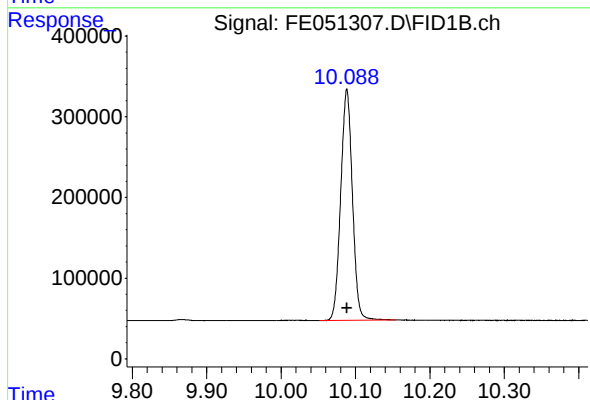
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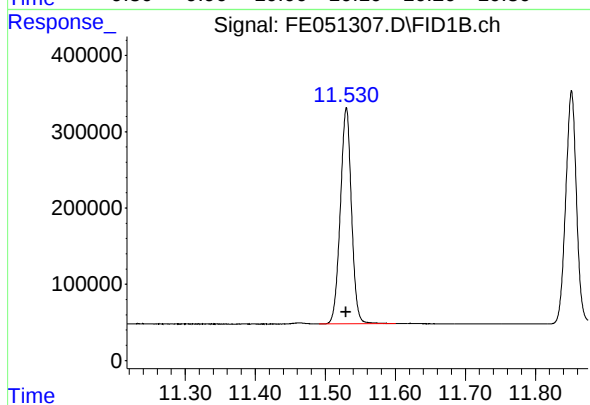
#6 n-Tetradecane (C14)

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 3121089
Conc: 22.40 ug/ml



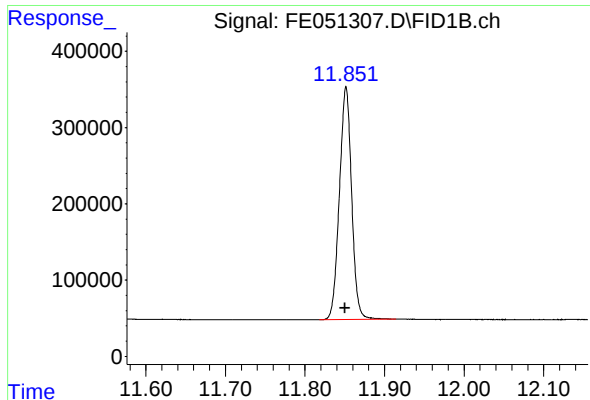
#7 n-Hexadecane (C16)

R.T.: 10.088 min
Delta R.T.: 0.000 min
Response: 3125896
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 3129590
Conc: 21.92 ug/ml m



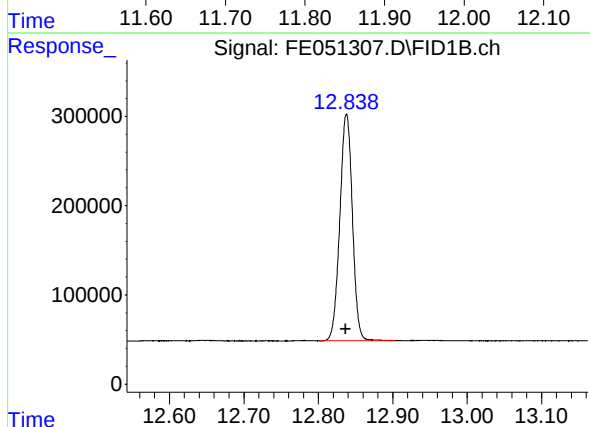
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: 0.001 min
Response: 3256048
Conc: 21.69 ug/ml

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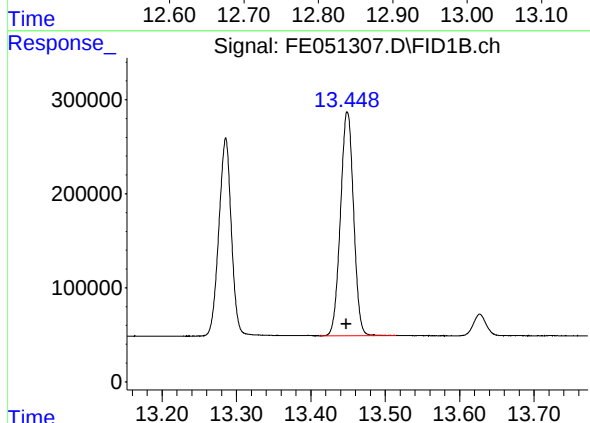
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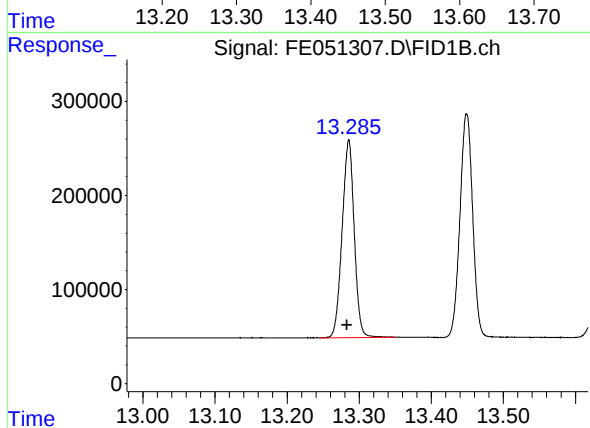
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: 0.000 min
Response: 2985304
Conc: 21.81 ug/ml



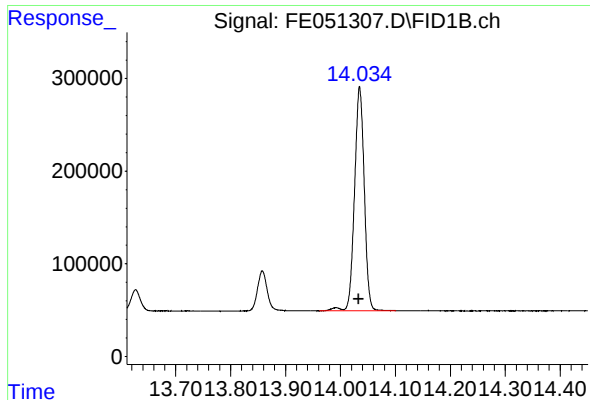
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: 0.001 min
Response: 2913925
Conc: 21.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: 0.002 min
Response: 2451505
Conc: 21.59 ug/ml



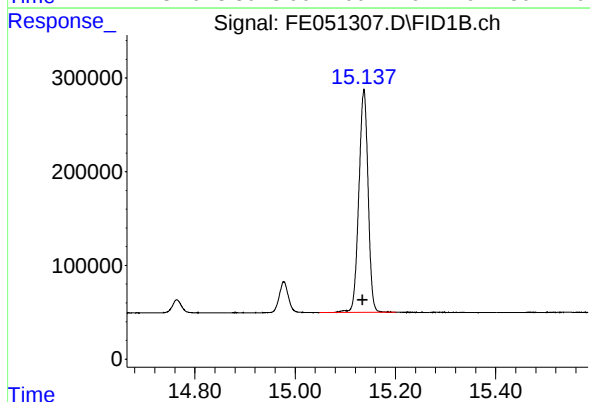
#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: 0.002 min
Response: 2985948
Conc: 22.46 ug/ml

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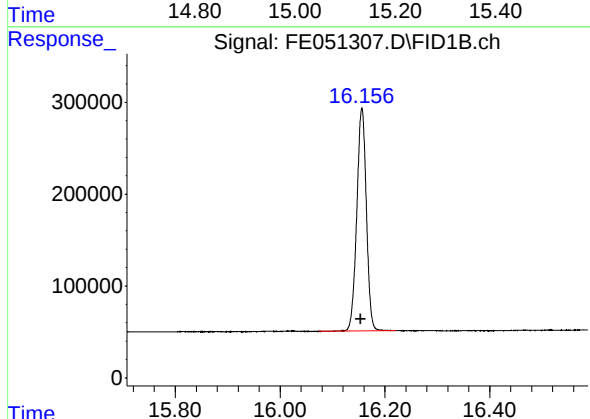
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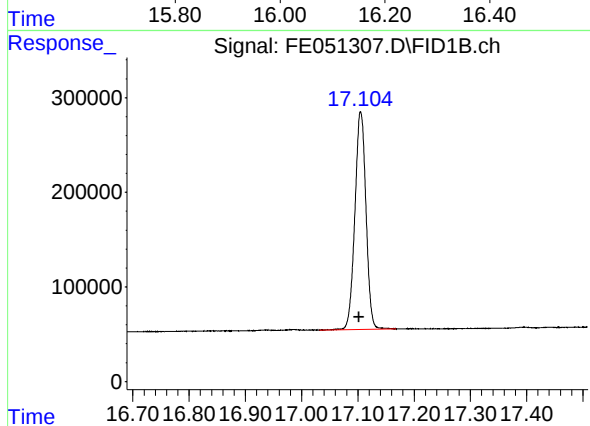
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: 0.003 min
Response: 3044845
Conc: 22.95 ug/ml



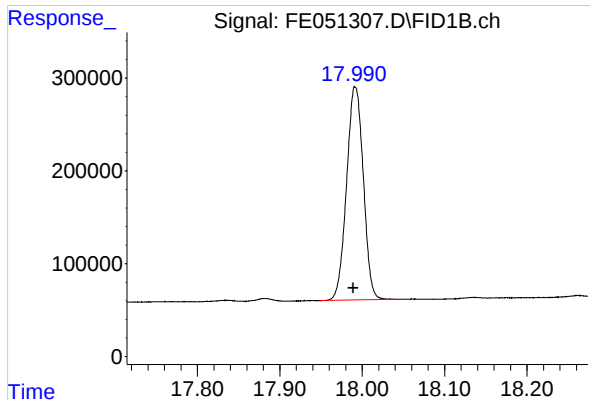
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: 0.002 min
Response: 3078329
Conc: 23.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: 0.003 min
Response: 3141886
Conc: 23.05 ug/ml



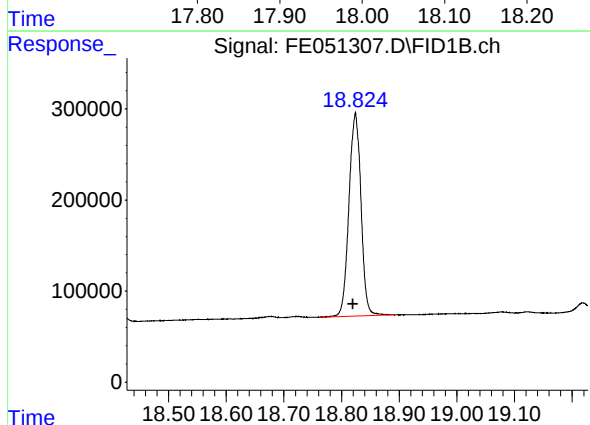
#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: 0.003 min
Response: 3242493
Conc: 22.32 ug/ml

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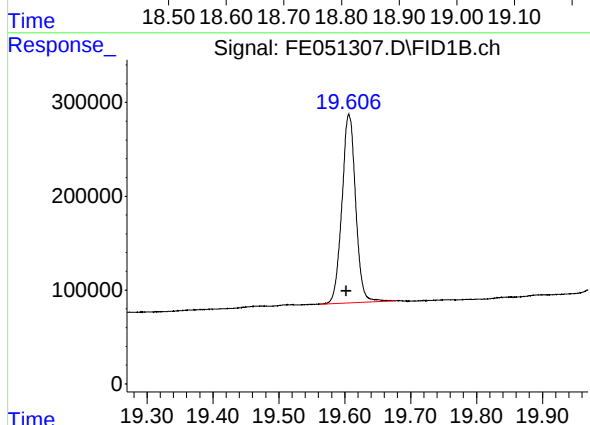
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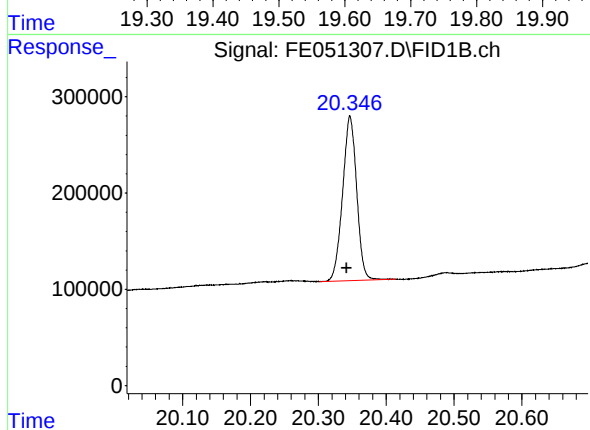
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.004 min
Response: 3242185
Conc: 21.84 ug/ml



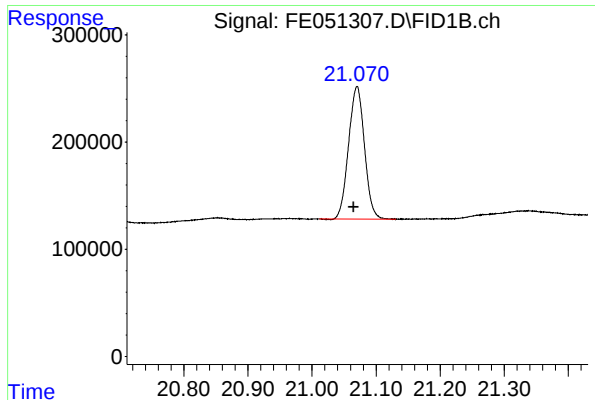
#19 n-Tetatriacontane (C34)

R.T.: 19.607 min
Delta R.T.: 0.004 min
Response: 2904576
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: 0.005 min
Response: 2461283
Conc: 20.63 ug/ml



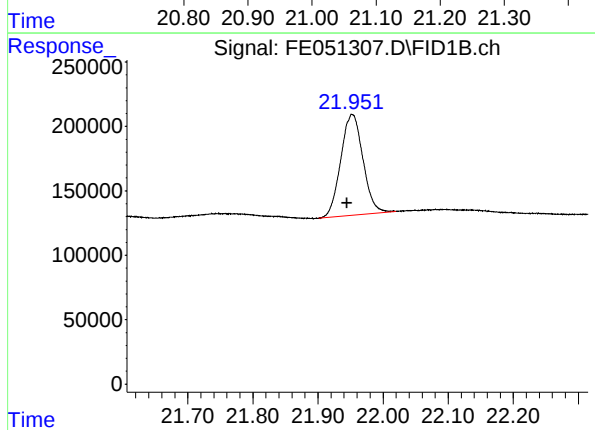
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: 0.005 min
Response: 2123806
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: 0.007 min
Response: 1850943
Conc: 16.64 ug/ml m