

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110424AL\
 Data File : FE050998.D
 Signal(s) : FID1B.ch
 Acq On : 04 Nov 2024 12:50
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: sample.E
 Quant Time: Nov 05 03:47:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.853	2954439	18.740 ug/mlm
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.286	2261793	19.120 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
Target Compounds			
1) T n-Nonane (C9)	3.242	2598612	18.392 ug/ml
2) T n-Decane (C10)	4.493	2695588	18.788 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2579952	18.043 ug/ml
4) T n-Dodecane (C12)	6.660	2721240	18.906 ug/ml
5) T A~2-methylnaphthalene...	7.301	2430206	18.344 ug/ml
6) T n-Tetradecane (C14)	8.486	2704504	18.904 ug/ml
7) T n-Hexadecane (C16)	10.092	2800393	19.028 ug/ml
8) T n-Octadecane (C18)	11.534	2848667	19.071 ug/ml
10) T n-Eicosane (C20)	12.840	2757723	19.231 ug/ml
11) T n-Heneicosane (C21)	13.451	2674978	19.048 ug/ml
13) T n-Docosane (C22)	14.037	2782255	19.831 ug/ml
14) T n-Tetracosane (C24)	15.137	2968544	21.012 ug/mlm
15) T n-Hexacosane (C26)	16.157	3102149	22.045 ug/mlm
16) T n-Octacosane (C28)	17.106	3394776	23.199 ug/ml
17) T n-Tricontane (C30)	17.993	3792440	23.851 ug/ml
18) T n-Dotriacontane (C32)	18.824	3868282	23.861 ug/ml
19) T n-Tetratriacontane (C34)	19.607	3276351	22.305 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2750914	21.693 ug/mlm
21) T n-Octatriacontane (C38)	21.069	2401090	19.419 ug/ml
22) T n-Tetracontane (C40)	21.950	2044361	18.360 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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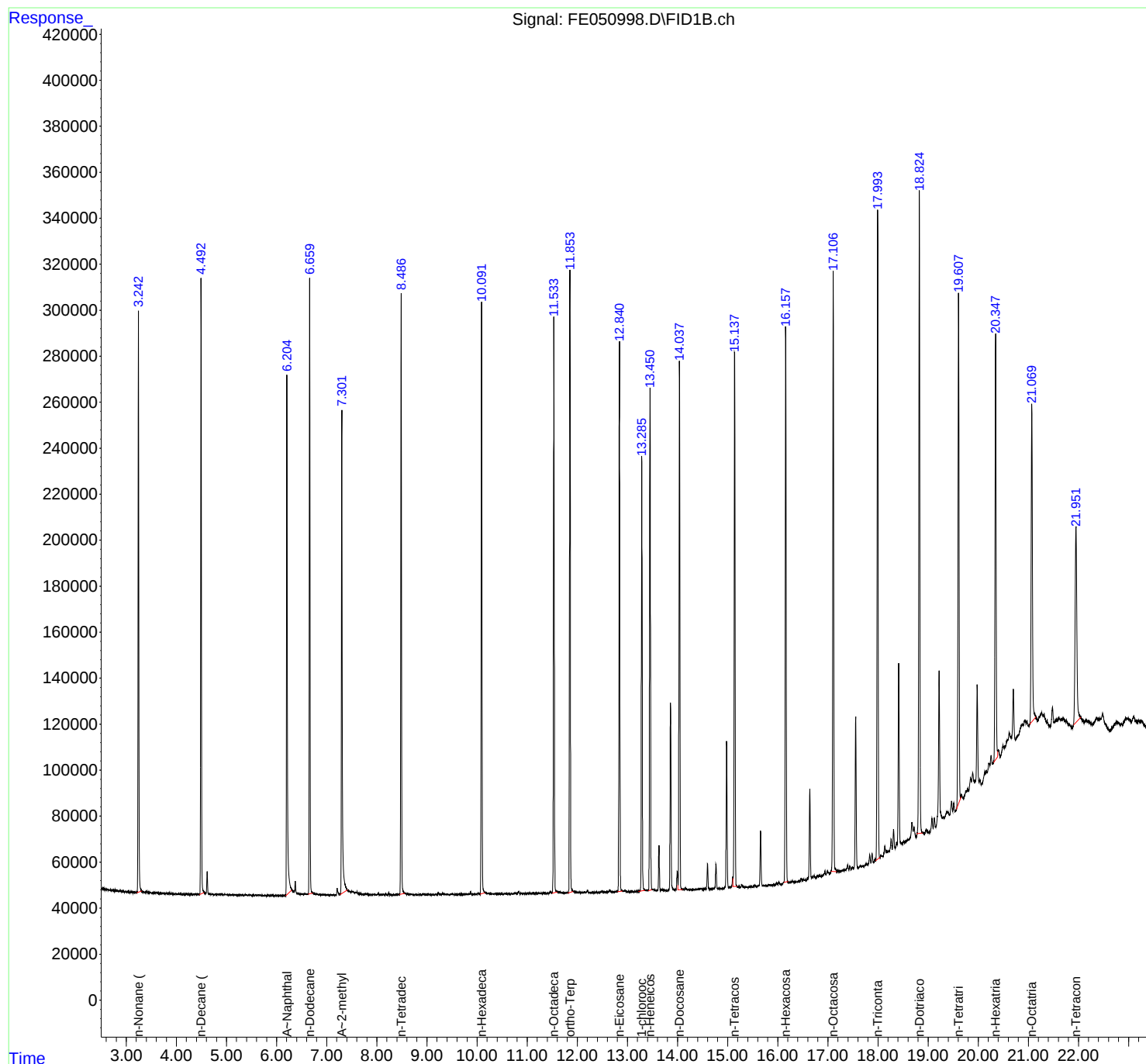
Instrument :
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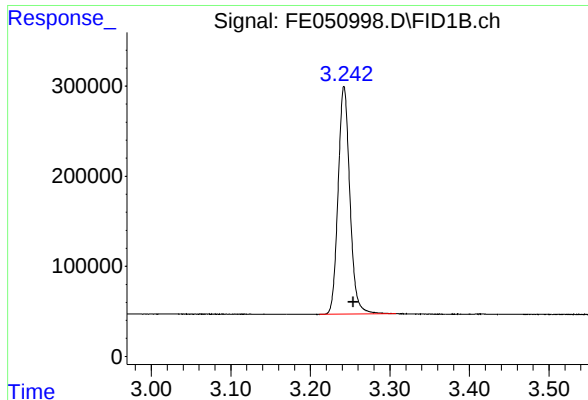
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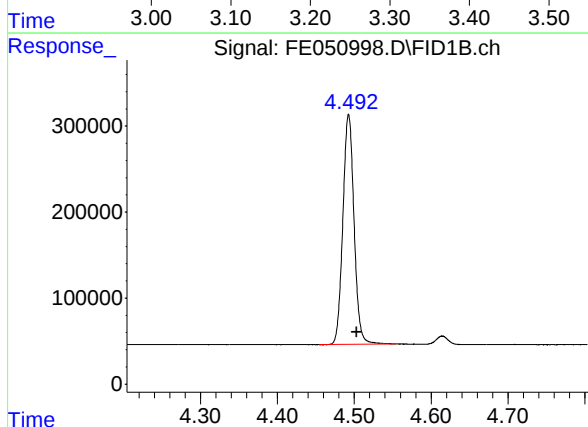
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.012 min
Response: 2598612
Conc: 18.39 ug/ml

Instrument :
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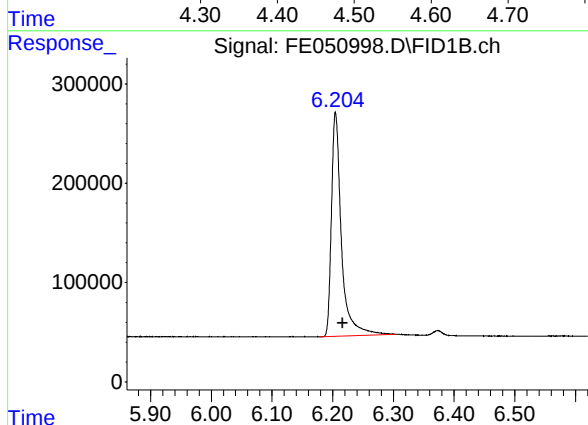
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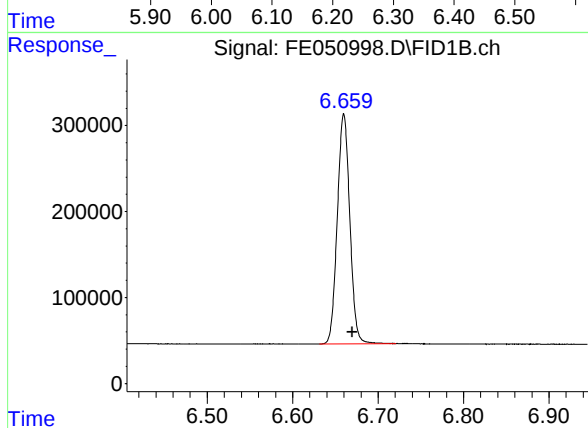
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.010 min
Response: 2695588
Conc: 18.79 ug/ml



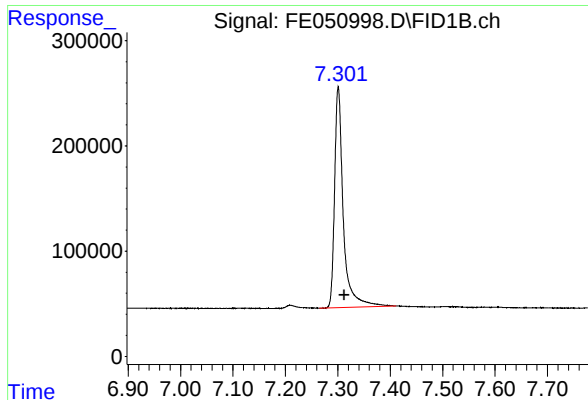
#3 n-Undecane (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.012 min
Response: 2579952
Conc: 18.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.660 min
Delta R.T.: -0.010 min
Response: 2721240
Conc: 18.91 ug/ml



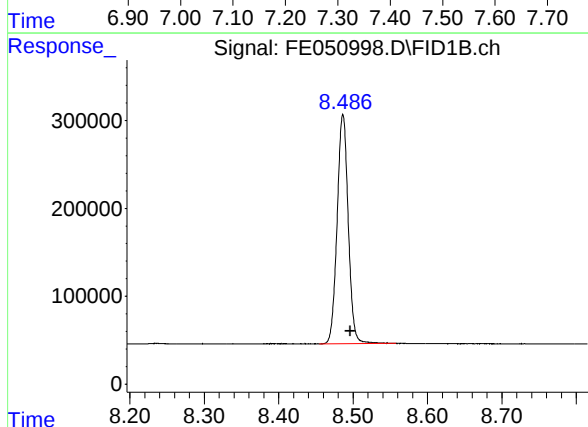
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.301 min
Delta R.T.: -0.012 min
Response: 2430206
Conc: 18.34 ug/ml

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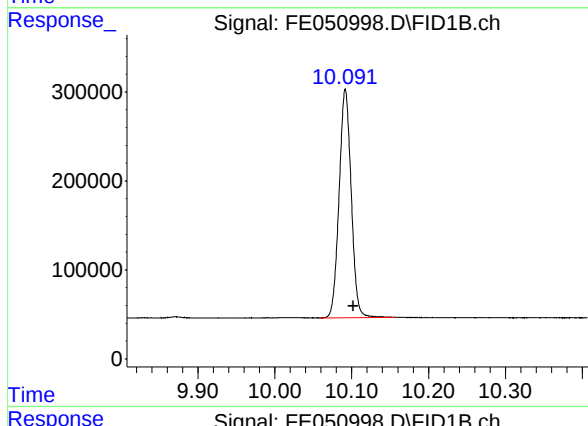
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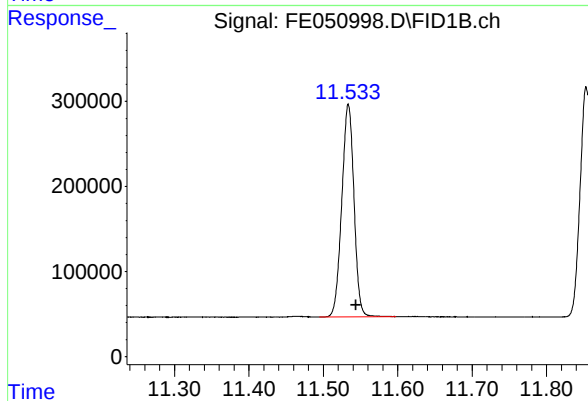
#6 n-Tetradecane (C14)

R.T.: 8.486 min
Delta R.T.: -0.010 min
Response: 2704504
Conc: 18.90 ug/ml



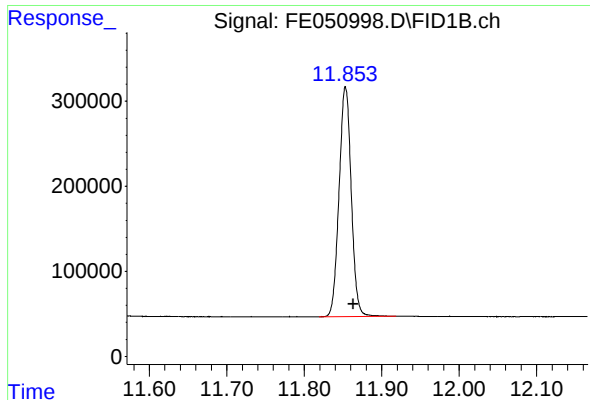
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.010 min
Response: 2800393
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.534 min
Delta R.T.: -0.010 min
Response: 2848667
Conc: 19.07 ug/ml



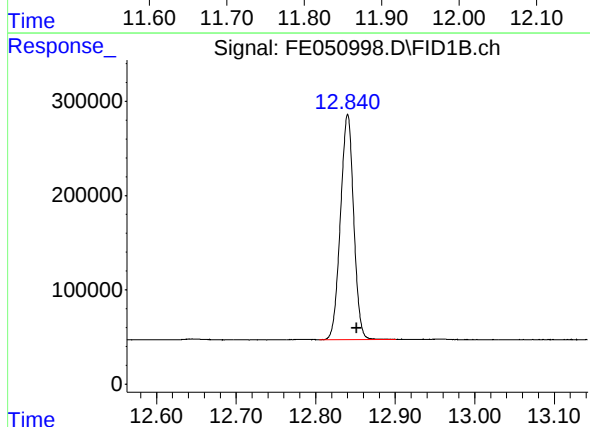
#9 ortho-Terphenyl (SURR)

R.T.: 11.853 min
Delta R.T.: -0.011 min
Response: 2954439
Conc: 18.74 ug/ml

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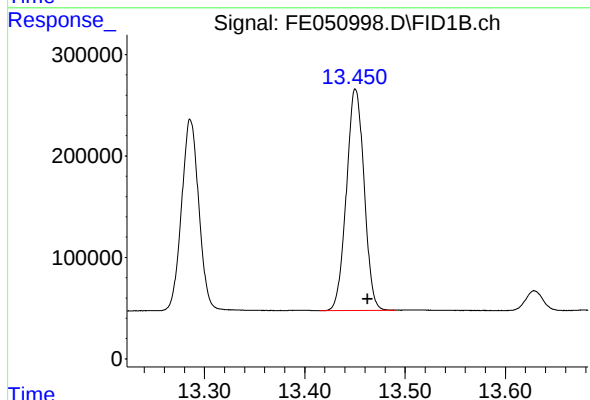
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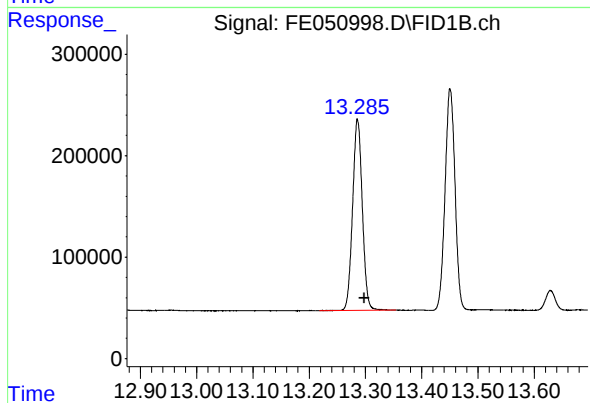
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.011 min
Response: 2757723
Conc: 19.23 ug/ml



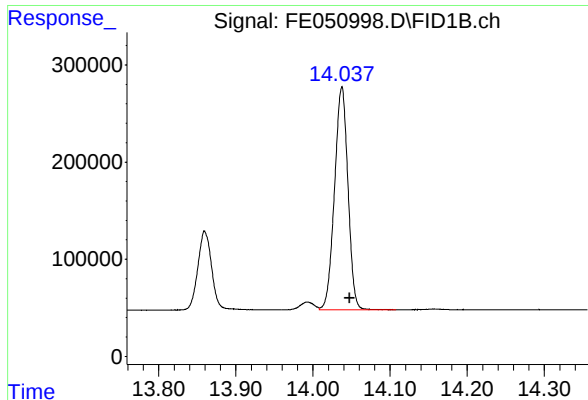
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.012 min
Response: 2674978
Conc: 19.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.012 min
Response: 2261793
Conc: 19.12 ug/ml



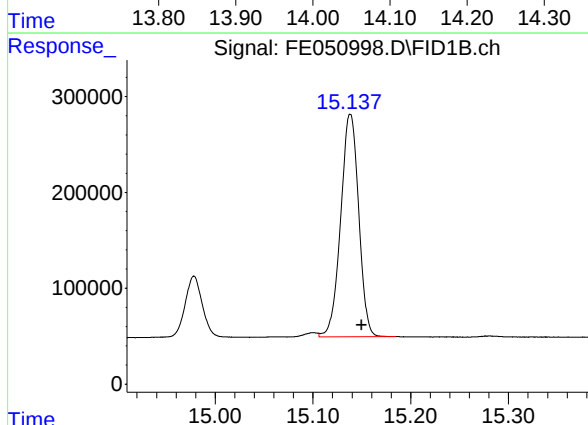
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.011 min
Response: 2782255
Conc: 19.83 ug/ml

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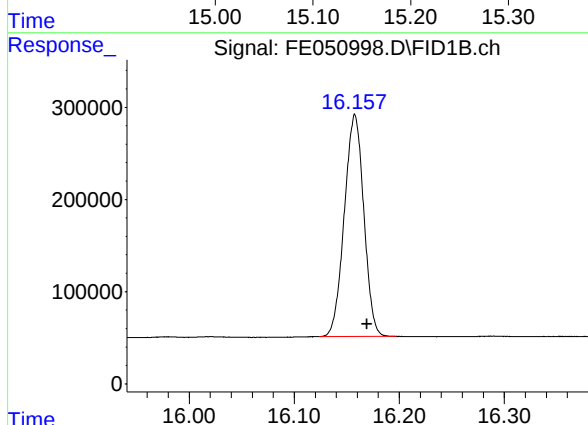
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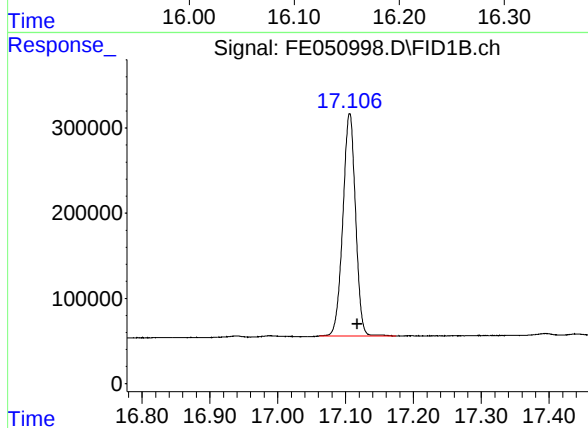
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.013 min
Response: 2968544
Conc: 21.01 ug/ml m



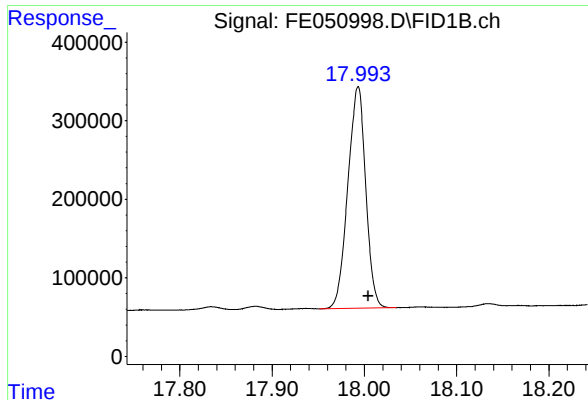
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.012 min
Response: 3102149
Conc: 22.05 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.011 min
Response: 3394776
Conc: 23.20 ug/ml



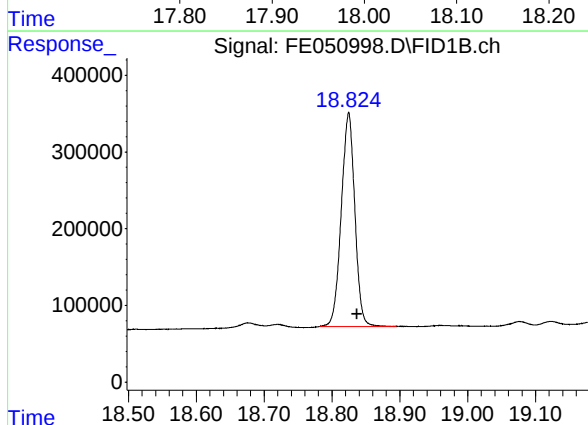
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.011 min
Response: 3792440
Conc: 23.85 ug/ml

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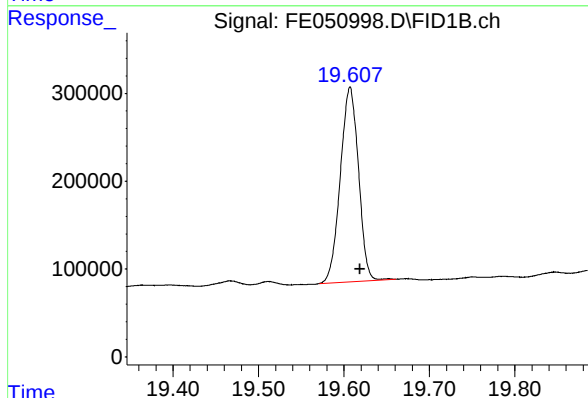
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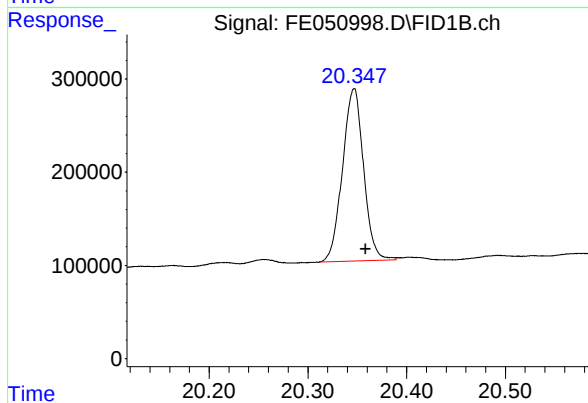
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.012 min
Response: 3868282
Conc: 23.86 ug/ml



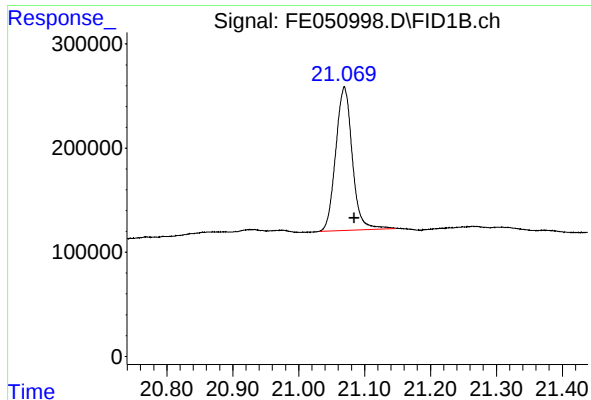
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.012 min
Response: 3276351
Conc: 22.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: -0.011 min
Response: 2750914
Conc: 21.69 ug/ml m



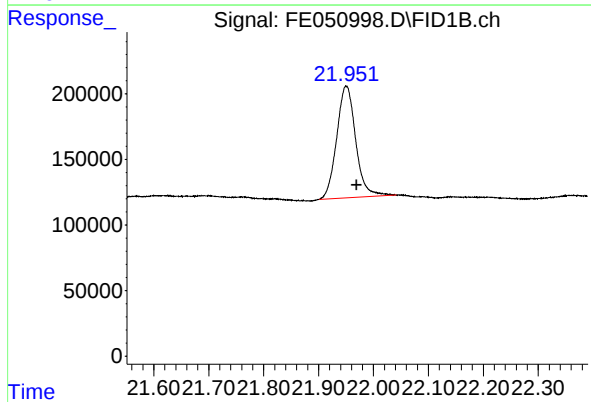
#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.015 min
Response: 2401090
Conc: 19.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.019 min
Response: 2044361
Conc: 18.36 ug/ml